Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020525\
Data File : PQ069961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2025 10:53
Operator : YP\AJ
Sample : Q1229-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 07:53:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020325CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 04 13:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.415	2.786	182.6E6	149.0E6	20.390	18.795	
2)	SA Decachlor...	8.522	7.557	114.7E6	174.0E6	30.234	28.645	
	Target Compounds							
3)	L1 AR-1016-1	4.498	3.789	116.9E6	132.8E6	474.415	550.157	
4)	L1 AR-1016-2	4.517	3.805	188.1E6	190.7E6	469.112	512.248	
5)	L1 AR-1016-3	4.575	3.965	117.7E6	153.4E6	462.677	733.568	#
6)	L1 AR-1016-4	4.664	4.014	94699092	127.9E6	460.709	696.073	#
7)	L1 AR-1016-5	4.949	4.209	105.2E6	180.6E6	520.285	818.680	#
8)	L2 AR-1221-1	3.607	2.985	12648337	11088451	117.354	112.211	
9)	L2 AR-1221-2	3.687	3.062	15570937	11848879	211.008	170.738	
10)	L2 AR-1221-3	3.756	3.131	62792671	53499406	263.208	244.467	
11)	L3 AR-1232-1	3.756	3.131	62792671	53499406	321.934	303.549	
12)	L3 AR-1232-2	4.243	3.805	95938563	190.7E6	869.673	1065.697	
13)	L3 AR-1232-3	4.517	3.965	188.1E6	153.4E6	915.482	1574.710	#
14)	L3 AR-1232-4	4.664	4.051	94699092	130.8E6	909.359	1566.069	#
15)	L3 AR-1232-5	4.762	4.209	72499906	180.6E6	1045.600	1877.412	#
16)	L4 AR-1242-1	4.498	3.789	116.9E6	132.8E6	492.090	633.837	#
17)	L4 AR-1242-2	4.517	3.805	188.1E6	190.7E6	498.951	603.158	
18)	L4 AR-1242-3	4.575	3.965	117.7E6	153.4E6	490.714	867.655	#
19)	L4 AR-1242-4	4.664	4.051	94699092	130.8E6	483.330	788.377	#
20)	L4 AR-1242-5	5.335f	4.546	89686545	137.8E6	451.952	656.121	#
21)	L5 AR-1248-1	4.498	3.789	116.9E6	132.8E6	637.561	825.780	#
22)	L5 AR-1248-2	4.762	4.014	72499906	127.9E6	281.473	513.567	#
23)	L5 AR-1248-3	4.949	4.051	105.2E6	130.8E6	338.272	542.035	#
24)	L5 AR-1248-4	5.335	4.209	89686545	180.6E6	273.178	612.214	#
25)	L5 AR-1248-5	5.410f	4.583	43534667	43498545	129.384	154.548	
26)	L6 AR-1254-1	5.311	4.546	173.5E6	137.8E6	488.056	313.901	#
27)	L6 AR-1254-2	5.527	4.693	152.0E6	128.8E6	283.296	332.288	
28)	L6 AR-1254-3	5.874	5.075	77301055	57680983	139.008	93.606	#
29)	L6 AR-1254-4	6.153	5.301	124.6E6	29852167	338.077	82.038	#
30)	L6 AR-1254-5	6.563	5.706	257.5E6	263.0E6	618.319	479.780	
31)	L7 AR-1260-1	6.040	5.204	249.6E6	227.6E6	720.705	567.536	
32)	L7 AR-1260-2	6.296	5.393	261.4E6	223.8E6	663.037	470.506	#
33)	L7 AR-1260-3	6.647	5.535	139.2E6	196.9E6	451.841	441.543	
34)	L7 AR-1260-4	6.861	5.997	143.2E6	157.2E6	427.768	403.869	
35)	L7 AR-1260-5	7.167	6.241	269.8E6	340.5E6	432.111	393.582	
36)	L8 AR-1262-1	6.861	5.750	143.2E6	155.0E6	296.060	268.760	
37)	L8 AR-1262-2	7.167	5.997	269.8E6	157.2E6	332.389	292.724	
38)	L8 AR-1262-3	7.443	6.520	166.5E6	87073921	308.966	207.521	#
39)	L8 AR-1262-4	7.513	6.577	102.8E6	263.2E6	234.237	343.948	#
40)	L8 AR-1262-5	8.011	7.072	54733715	79948099	225.673	230.338	
41)	L9 AR-1268-1	7.443	6.520	166.5E6	87073921	175.612	73.331	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020525\
Data File : PQ069961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2025 10:53
Operator : YP\AJ
Sample : Q1229-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 07:53:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020325CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 04 13:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.513	6.577	102.8E6	263.2E6	117.269	237.386 #
43)	L9 AR-1268-3	7.698	6.783	3952837	5953531	5.404	6.246
44)	L9 AR-1268-4	8.011	7.072	54733715	79948099	201.750	201.756
45)	L9 AR-1268-5	8.295	7.340	17081596	26816392	8.707	9.885

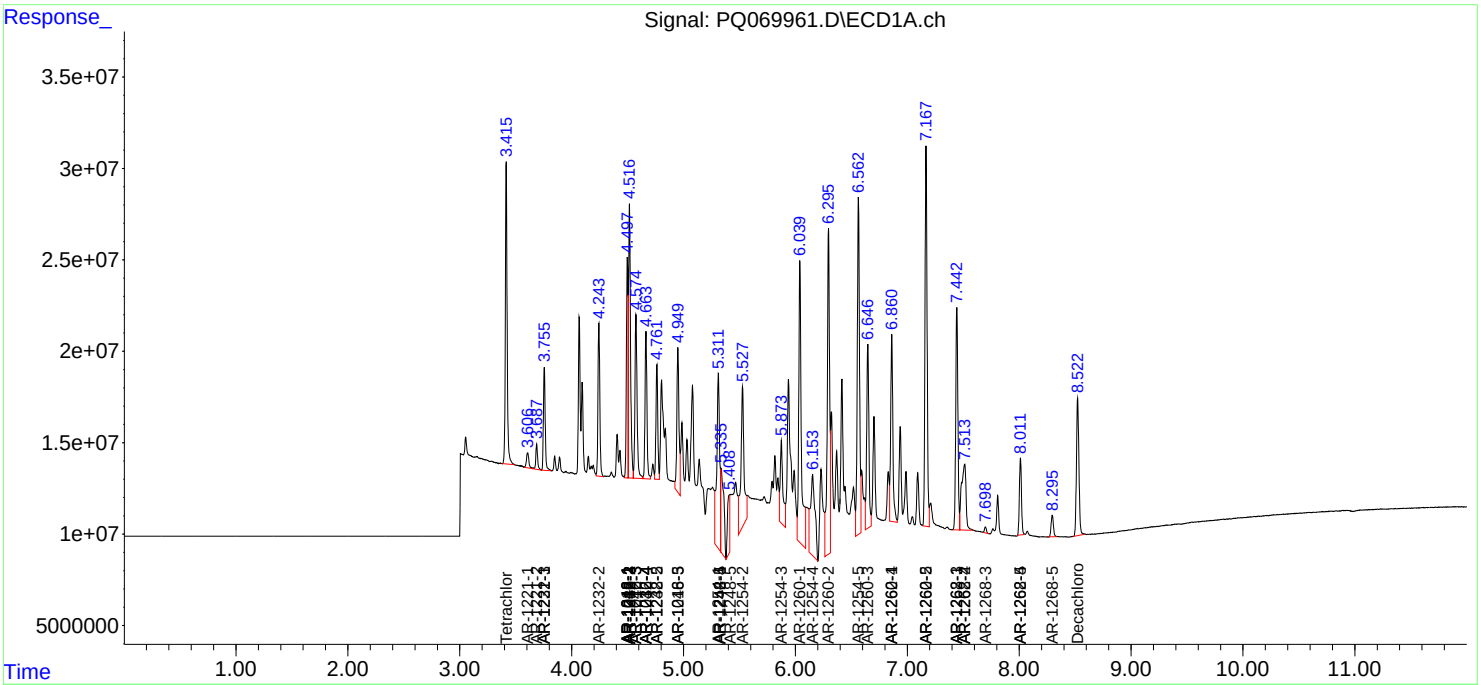
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

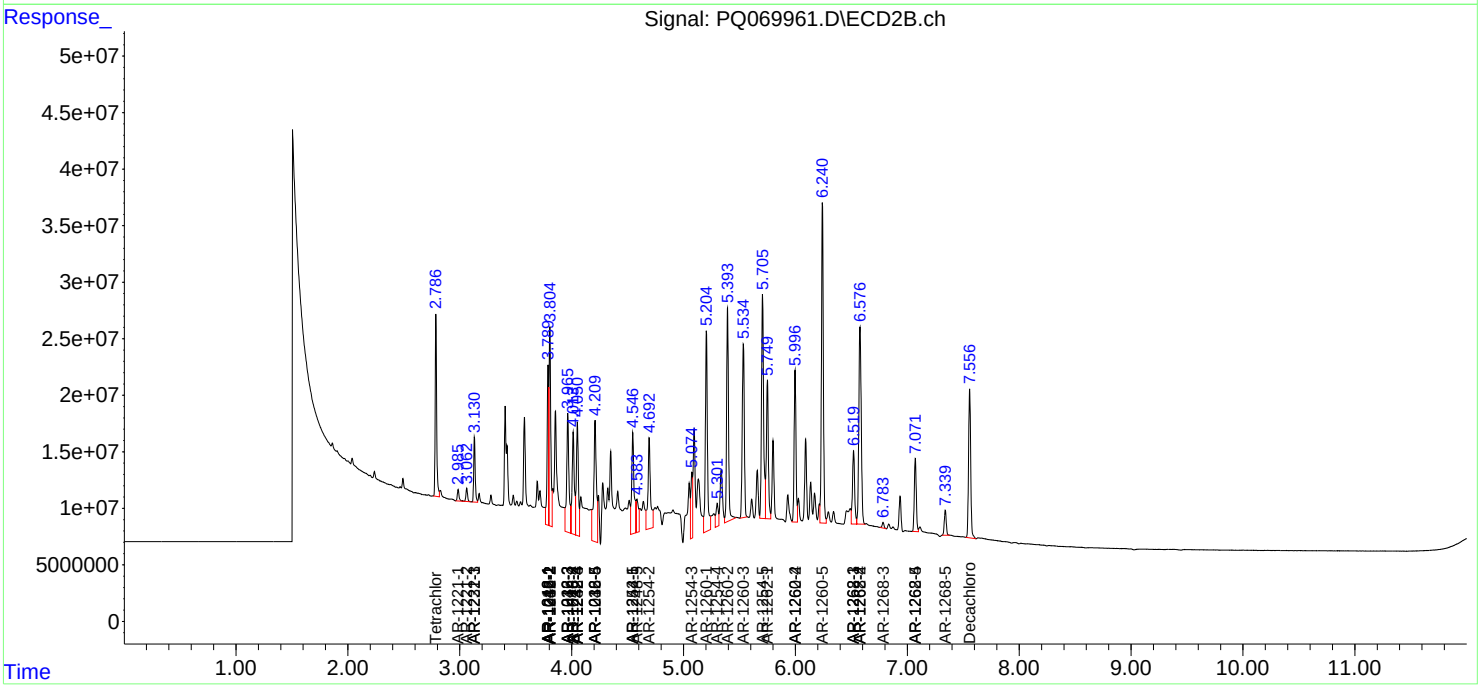
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020525\
Data File : PQ069961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2025 10:53
Operator : YP\AJ
Sample : Q1229-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

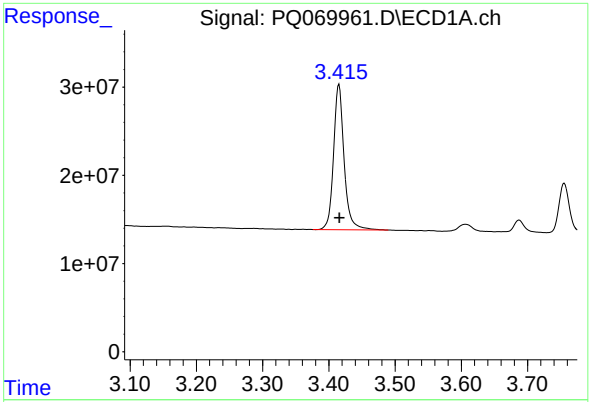
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 07:53:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020325CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 04 13:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



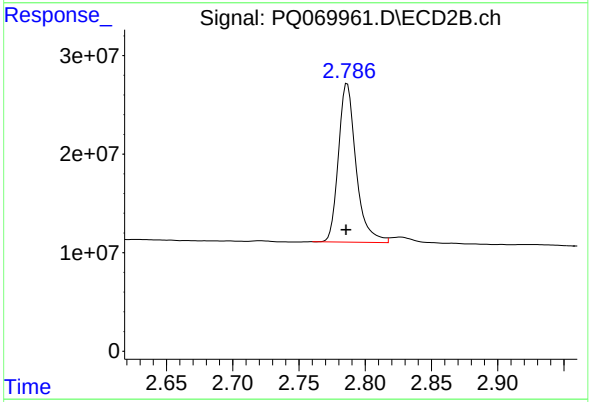




#1 Tetrachloro-m-xylene

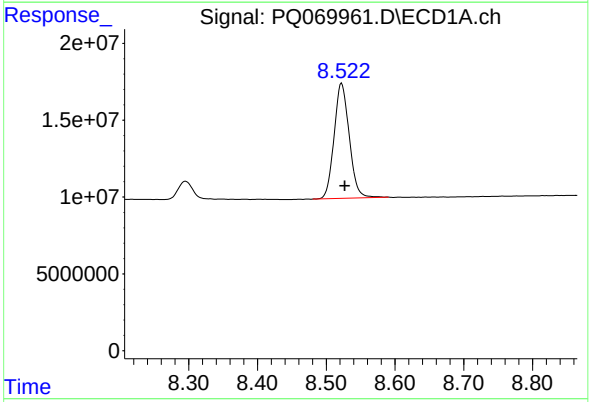
R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 182560726
Conc: 20.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



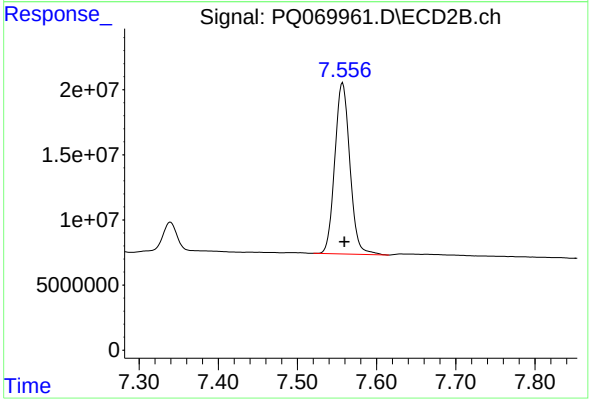
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 149048860
Conc: 18.79 ng/ml



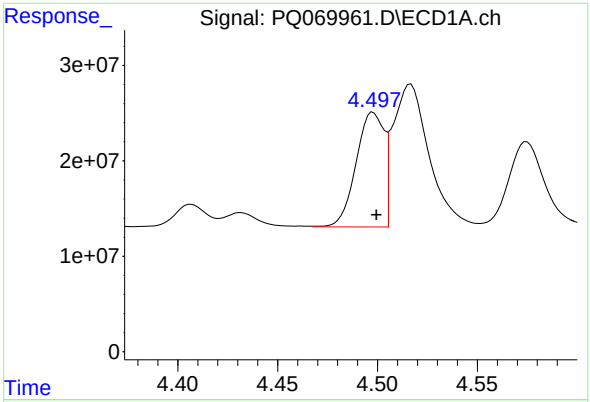
#2 Decachlorobiphenyl

R.T.: 8.522 min
Delta R.T.: -0.005 min
Response: 114682880
Conc: 30.23 ng/ml



#2 Decachlorobiphenyl

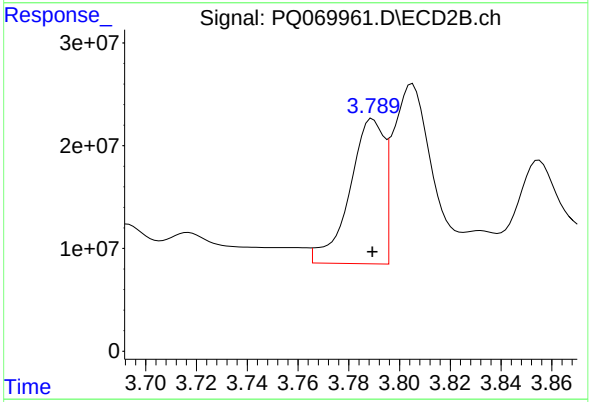
R.T.: 7.557 min
Delta R.T.: -0.002 min
Response: 173957822
Conc: 28.65 ng/ml



#3 AR-1016-1

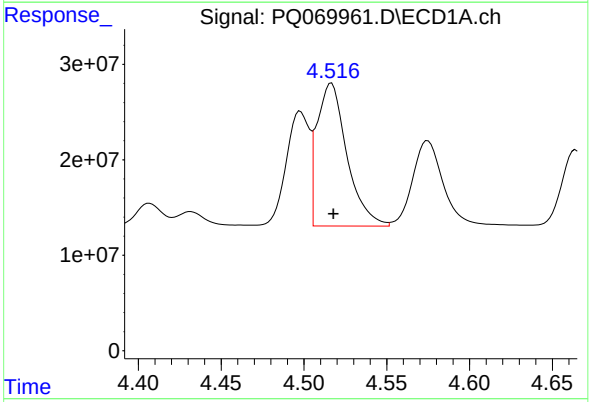
R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 116909054
Conc: 474.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



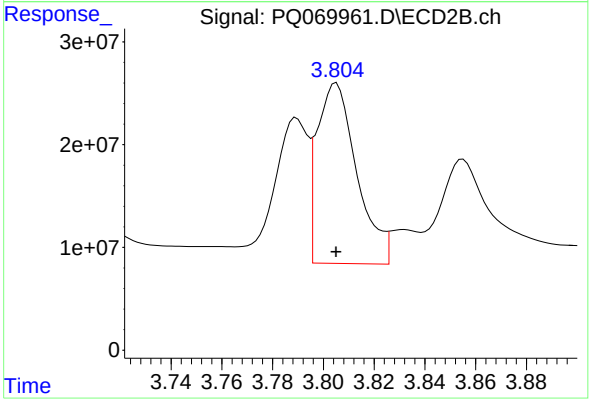
#3 AR-1016-1

R.T.: 3.789 min
Delta R.T.: 0.000 min
Response: 132841606
Conc: 550.16 ng/ml



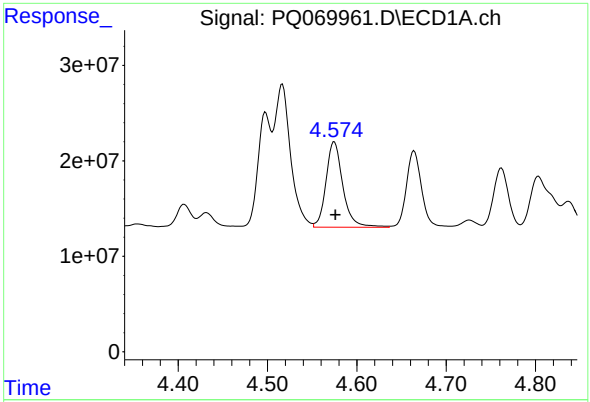
#4 AR-1016-2

R.T.: 4.517 min
Delta R.T.: -0.001 min
Response: 188148267
Conc: 469.11 ng/ml



#4 AR-1016-2

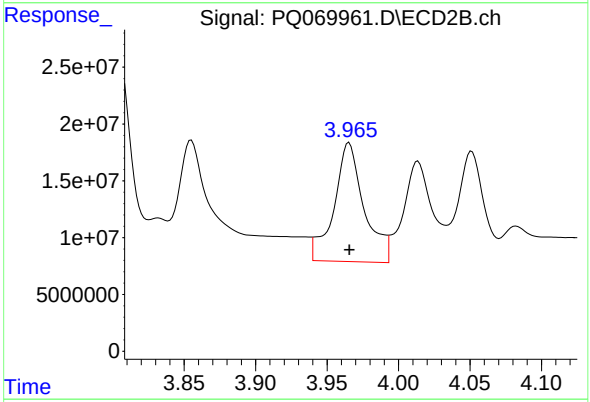
R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 190705930
Conc: 512.25 ng/ml



#5 AR-1016-3

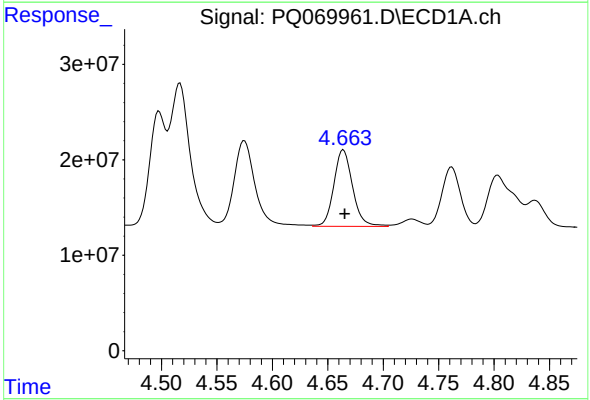
R.T.: 4.575 min
Delta R.T.: -0.001 min
Response: 117653558
Conc: 462.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



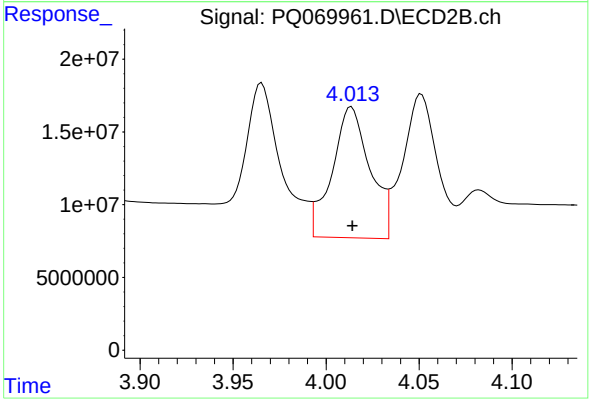
#5 AR-1016-3

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 153420396
Conc: 733.57 ng/ml



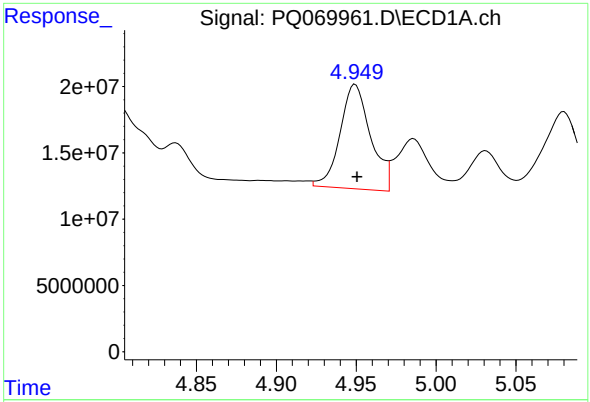
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: -0.001 min
Response: 94699092
Conc: 460.71 ng/ml



#6 AR-1016-4

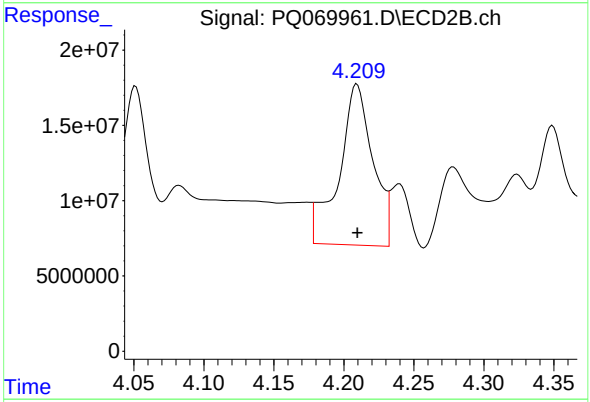
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 127855028
Conc: 696.07 ng/ml



#7 AR-1016-5

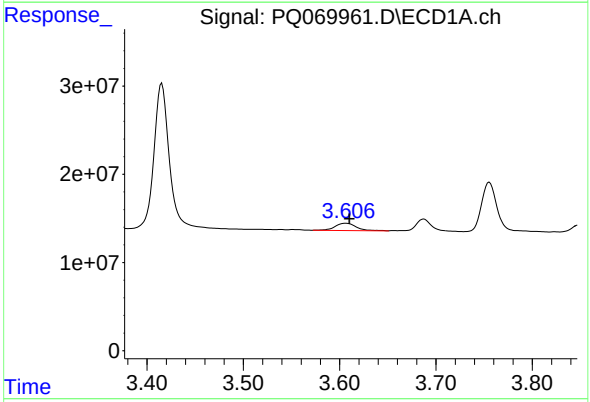
R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 105168487
Conc: 520.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



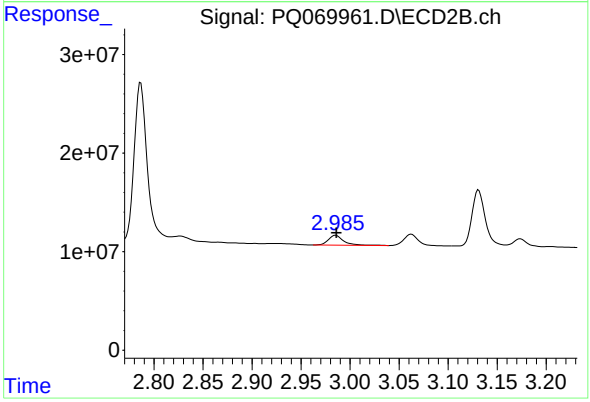
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 180635325
Conc: 818.68 ng/ml



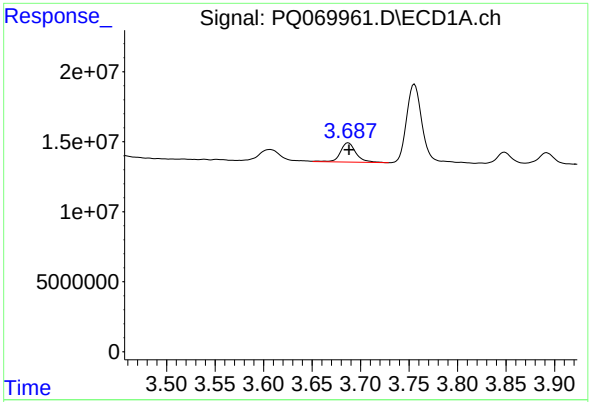
#8 AR-1221-1

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 12648337
Conc: 117.35 ng/ml



#8 AR-1221-1

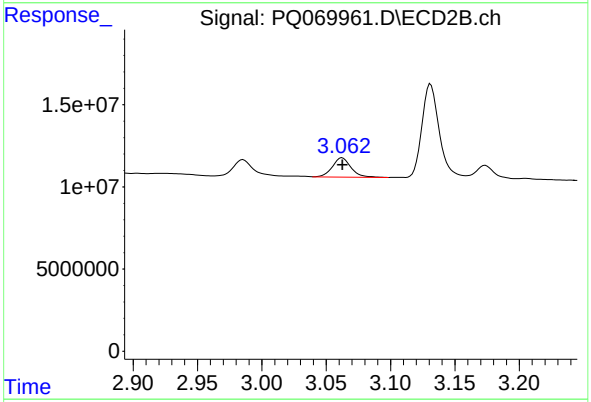
R.T.: 2.985 min
Delta R.T.: 0.000 min
Response: 11088451
Conc: 112.21 ng/ml



#9 AR-1221-2

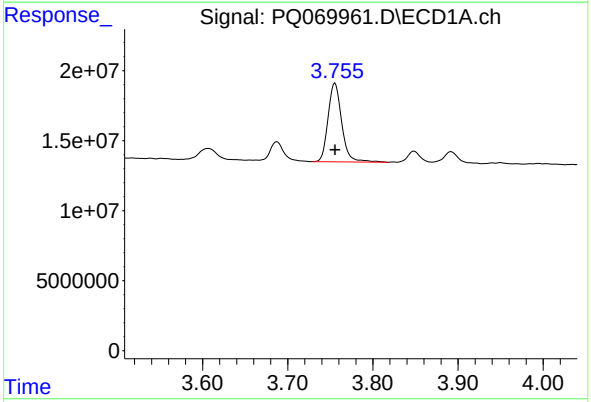
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 15570937
Conc: 211.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



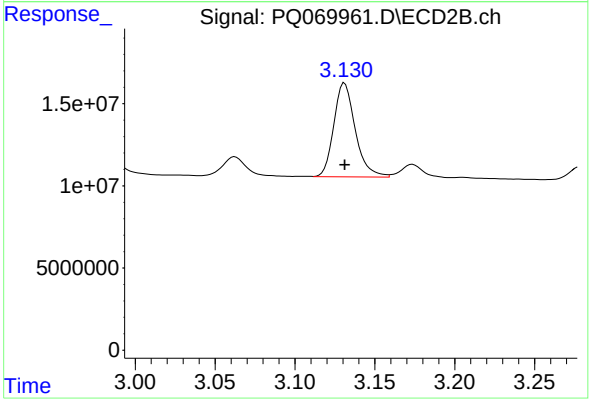
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: 0.000 min
Response: 11848879
Conc: 170.74 ng/ml



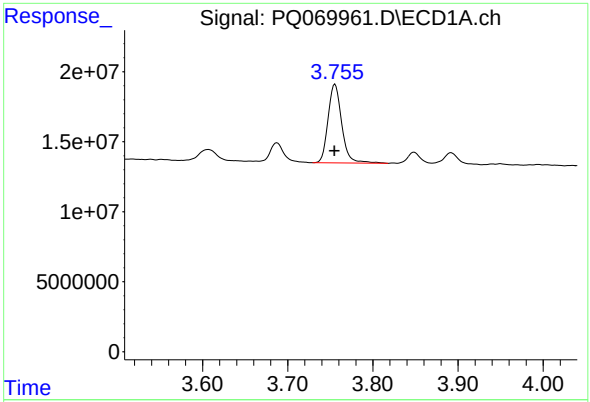
#10 AR-1221-3

R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 62792671
Conc: 263.21 ng/ml



#10 AR-1221-3

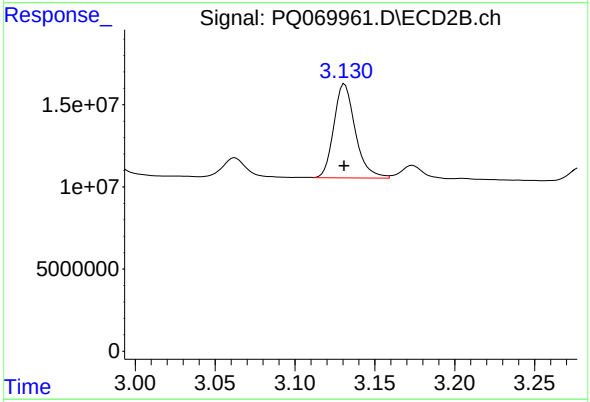
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 53499406
Conc: 244.47 ng/ml



#11 AR-1232-1

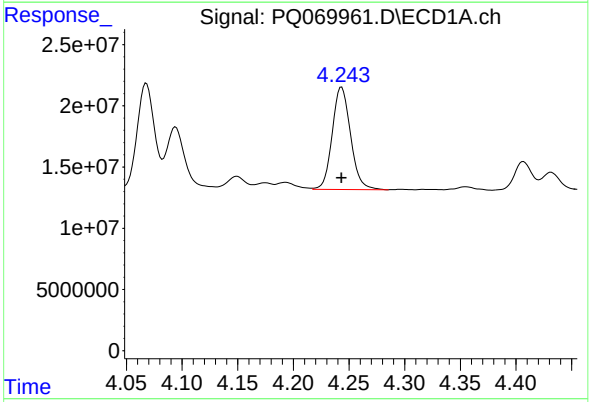
R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 62792671
Conc: 321.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



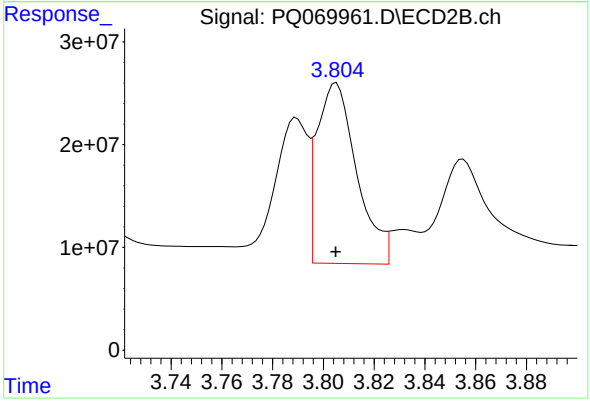
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 53499406
Conc: 303.55 ng/ml



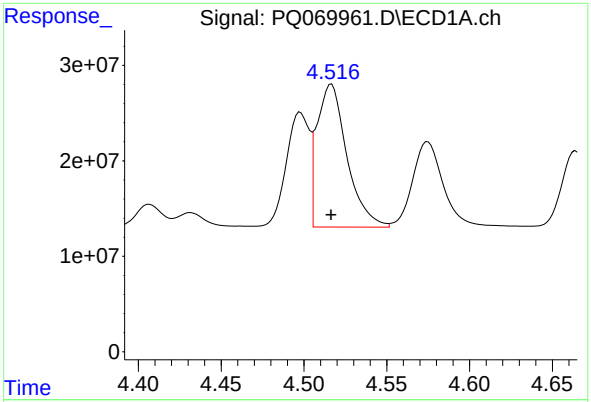
#12 AR-1232-2

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 95938563
Conc: 869.67 ng/ml



#12 AR-1232-2

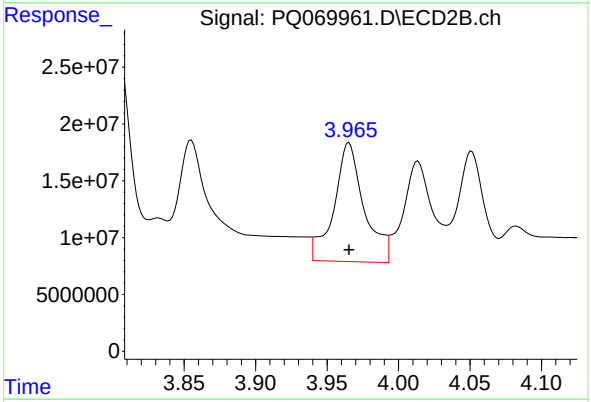
R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 190705930
Conc: 1065.70 ng/ml



#13 AR-1232-3

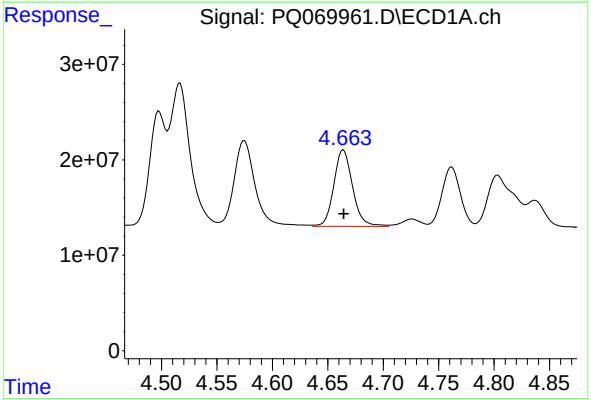
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 188148267
Conc: 915.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



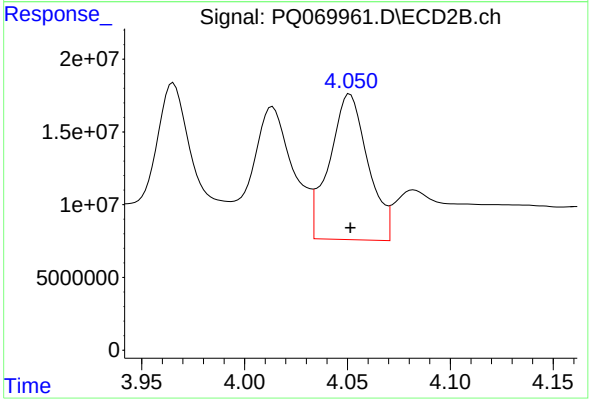
#13 AR-1232-3

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 153420396
Conc: 1574.71 ng/ml



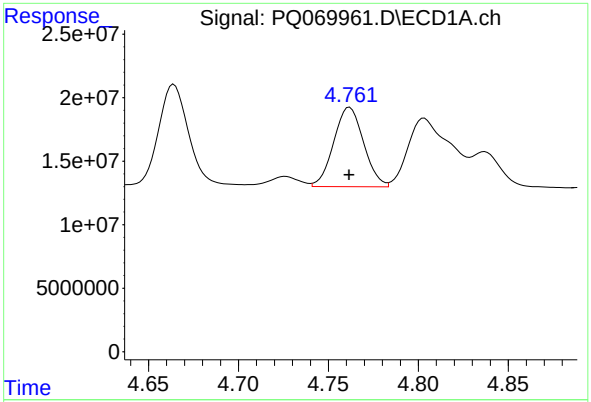
#14 AR-1232-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 94699092
Conc: 909.36 ng/ml



#14 AR-1232-4

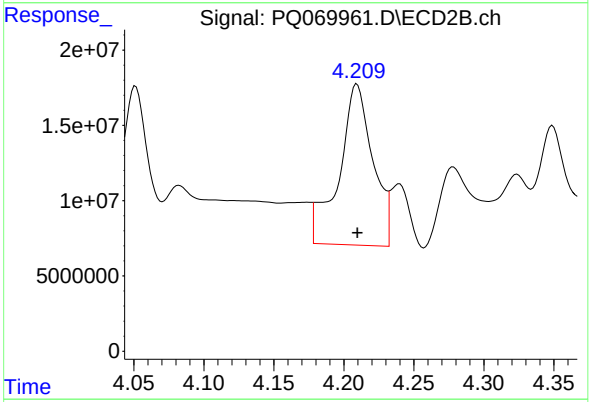
R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 130796411
Conc: 1566.07 ng/ml



#15 AR-1232-5

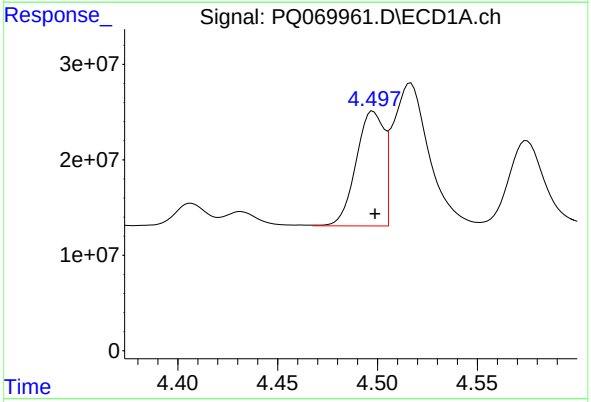
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 72499906
Conc: 1045.60 ng/m

Instrument :
ECD_Q
ClientSampleId :



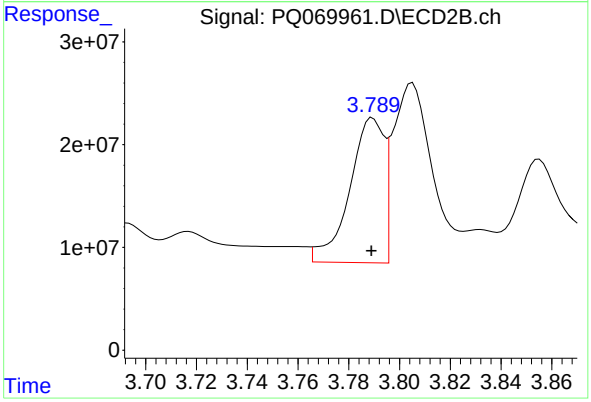
#15 AR-1232-5

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 180635325
Conc: 1877.41 ng/ml



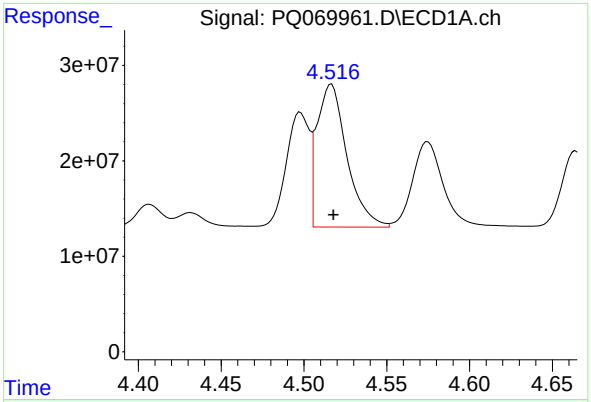
#16 AR-1242-1

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 116909054
Conc: 492.09 ng/ml



#16 AR-1242-1

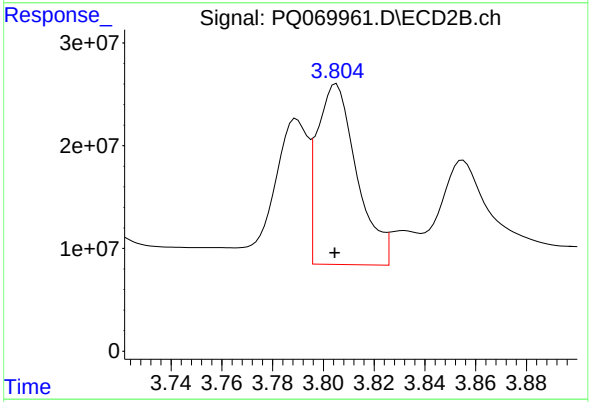
R.T.: 3.789 min
Delta R.T.: 0.000 min
Response: 132841606
Conc: 633.84 ng/ml



#17 AR-1242-2

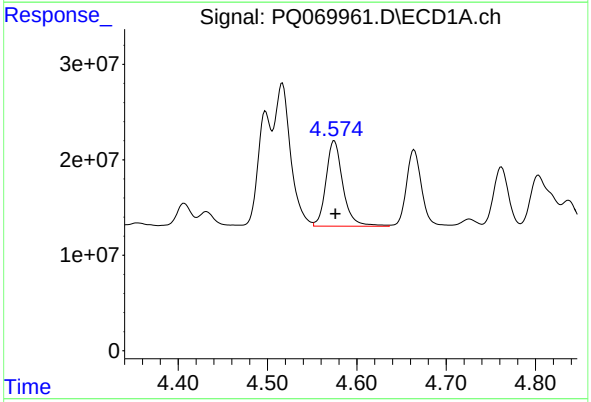
R.T.: 4.517 min
Delta R.T.: -0.001 min
Response: 188148267
Conc: 498.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



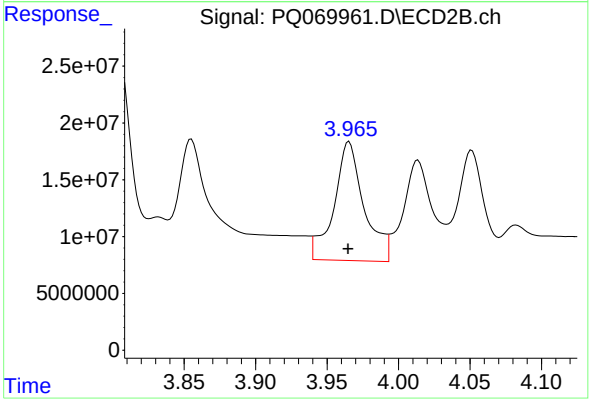
#17 AR-1242-2

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 190705930
Conc: 603.16 ng/ml



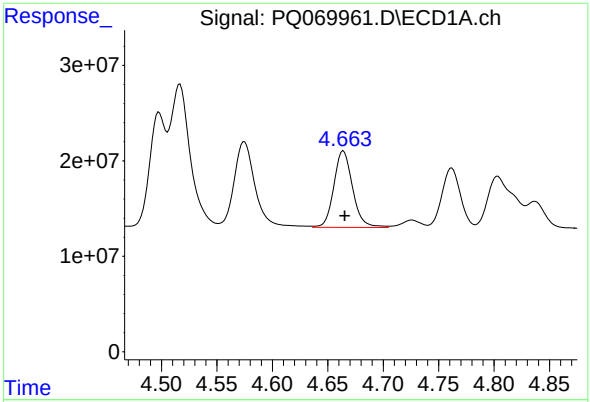
#18 AR-1242-3

R.T.: 4.575 min
Delta R.T.: -0.001 min
Response: 117653558
Conc: 490.71 ng/ml



#18 AR-1242-3

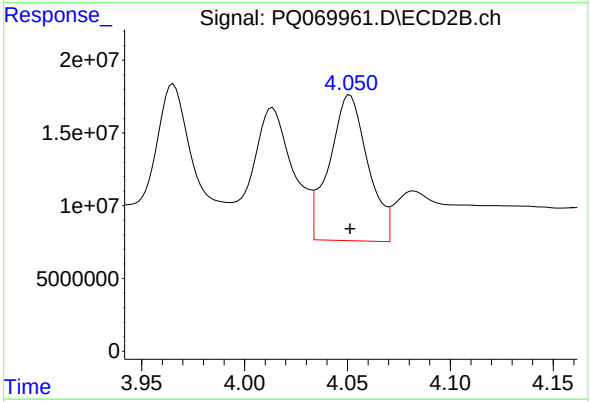
R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 153420396
Conc: 867.66 ng/ml



#19 AR-1242-4

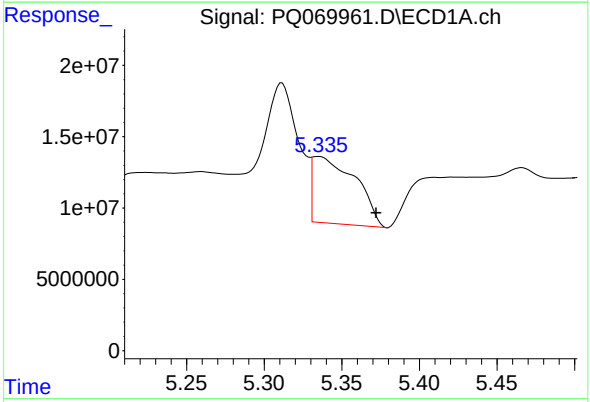
R.T.: 4.664 min
Delta R.T.: -0.001 min
Response: 94699092
Conc: 483.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



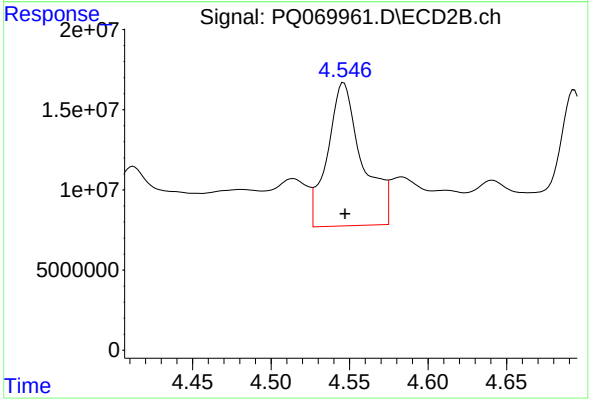
#19 AR-1242-4

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 130796411
Conc: 788.38 ng/ml



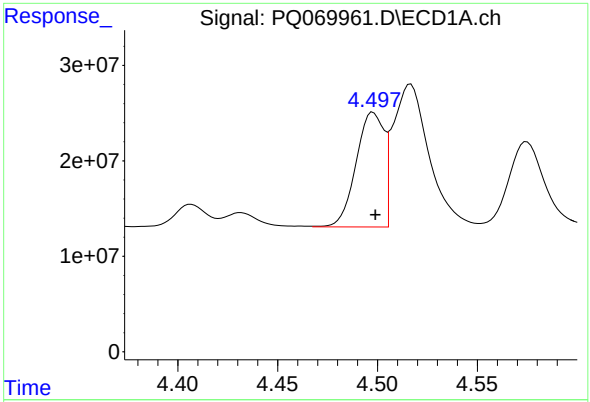
#20 AR-1242-5

R.T.: 5.335 min
Delta R.T.: -0.037 min
Response: 89686545
Conc: 451.95 ng/ml



#20 AR-1242-5

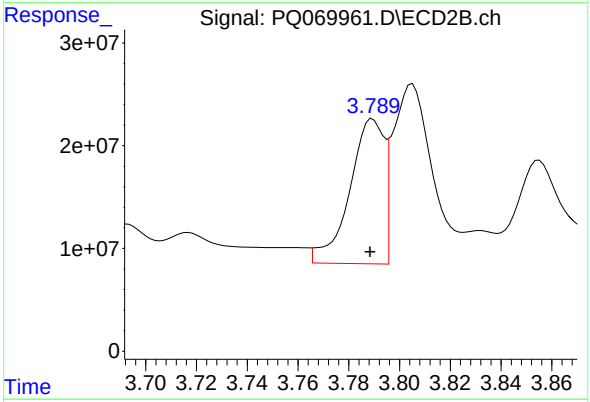
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 137837140
Conc: 656.12 ng/ml



#21 AR-1248-1

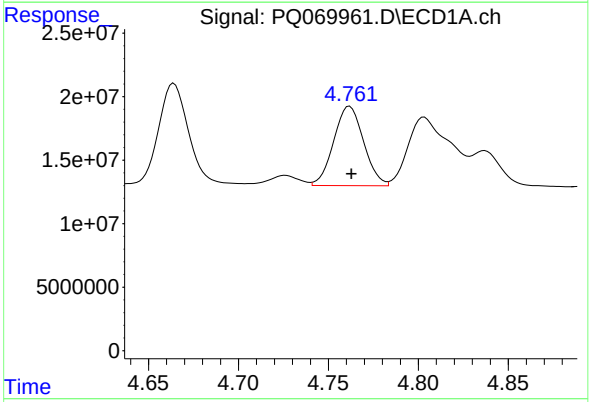
R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 116909054
Conc: 637.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



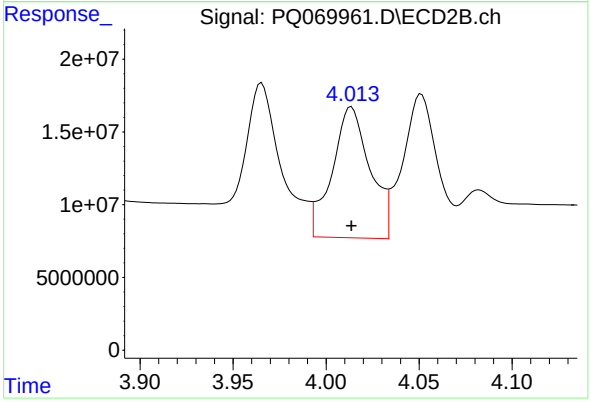
#21 AR-1248-1

R.T.: 3.789 min
Delta R.T.: 0.001 min
Response: 132841606
Conc: 825.78 ng/ml



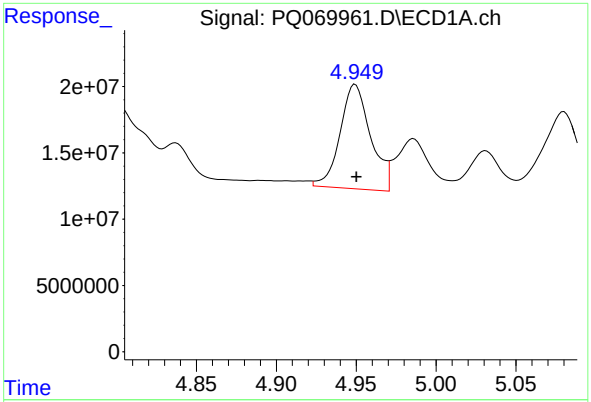
#22 AR-1248-2

R.T.: 4.762 min
Delta R.T.: -0.001 min
Response: 72499906
Conc: 281.47 ng/ml



#22 AR-1248-2

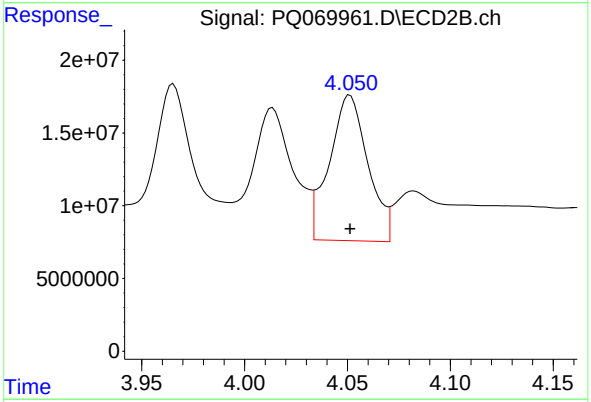
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 127855028
Conc: 513.57 ng/ml



#23 AR-1248-3

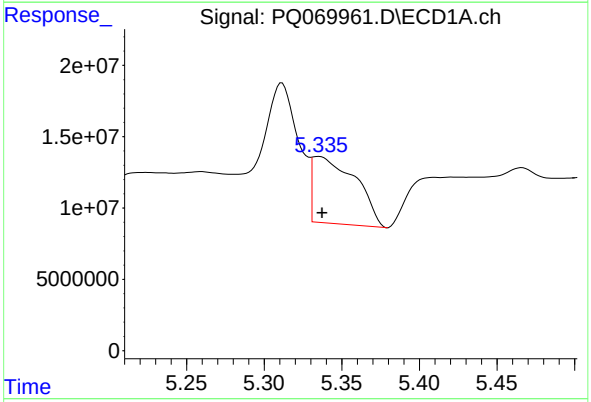
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 105168487
Conc: 338.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



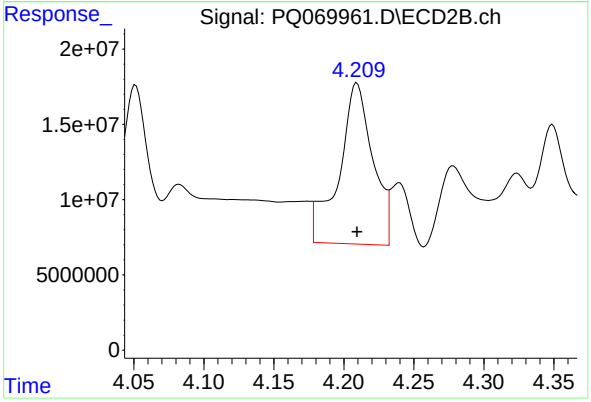
#23 AR-1248-3

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 130796411
Conc: 542.04 ng/ml



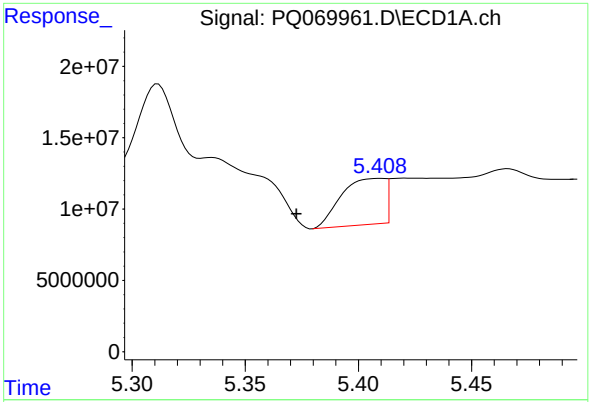
#24 AR-1248-4

R.T.: 5.335 min
Delta R.T.: -0.002 min
Response: 89686545
Conc: 273.18 ng/ml



#24 AR-1248-4

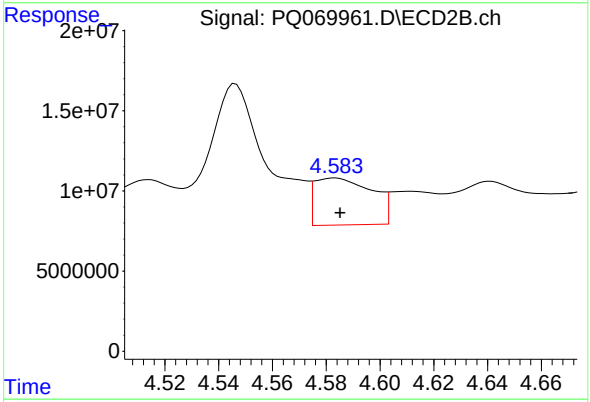
R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 180635325
Conc: 612.21 ng/ml



#25 AR-1248-5

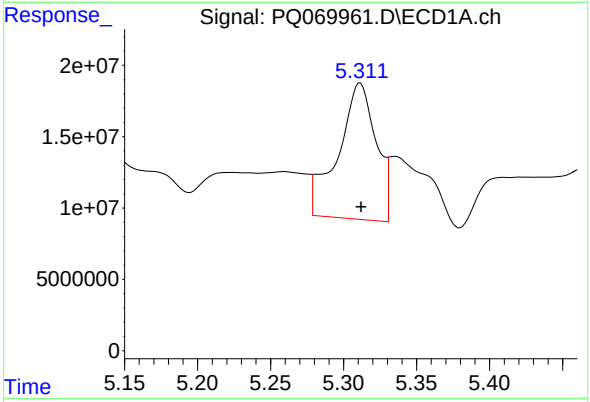
R.T.: 5.410 min
Delta R.T.: 0.037 min
Response: 43534667
Conc: 129.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



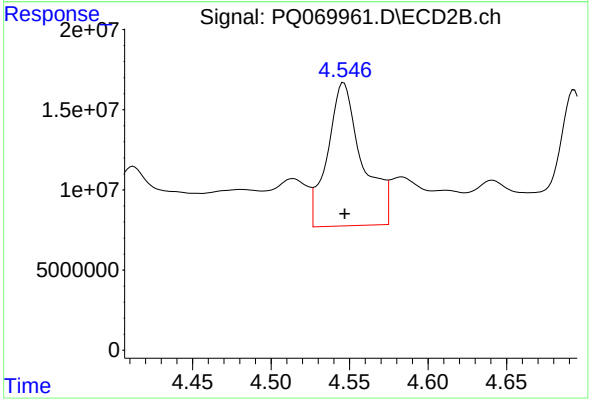
#25 AR-1248-5

R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 43498545
Conc: 154.55 ng/ml



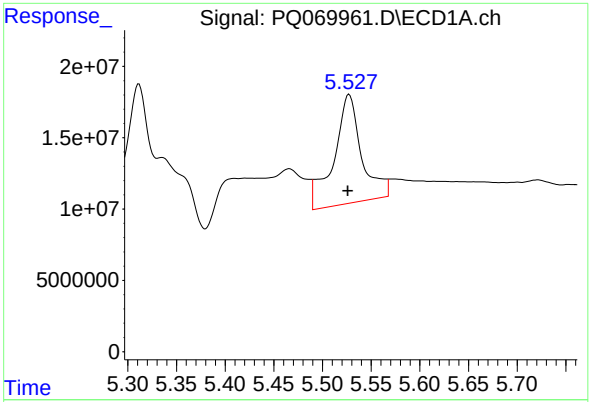
#26 AR-1254-1

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 173539900
Conc: 488.06 ng/ml



#26 AR-1254-1

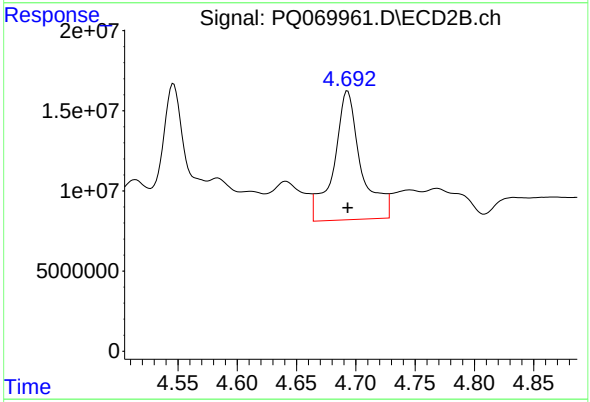
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 137837140
Conc: 313.90 ng/ml



#27 AR-1254-2

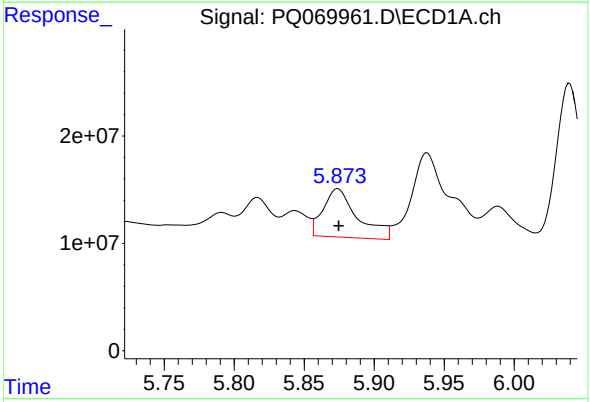
R.T.: 5.527 min
Delta R.T.: 0.001 min
Response: 151953670
Conc: 283.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



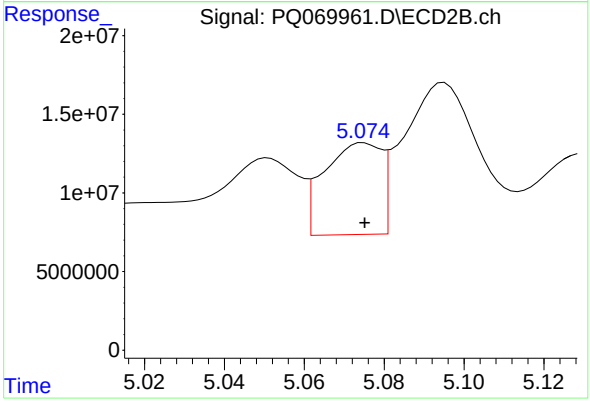
#27 AR-1254-2

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 128814728
Conc: 332.29 ng/ml



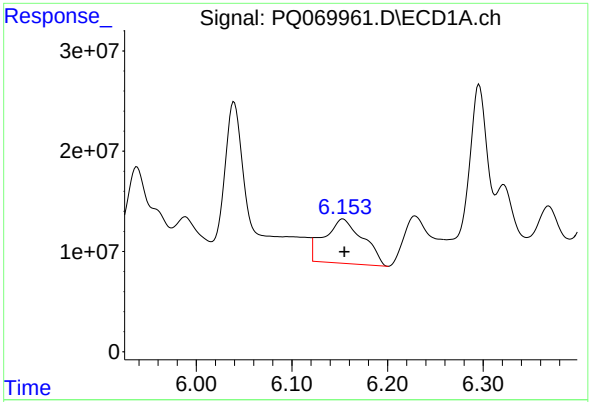
#28 AR-1254-3

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 77301055
Conc: 139.01 ng/ml



#28 AR-1254-3

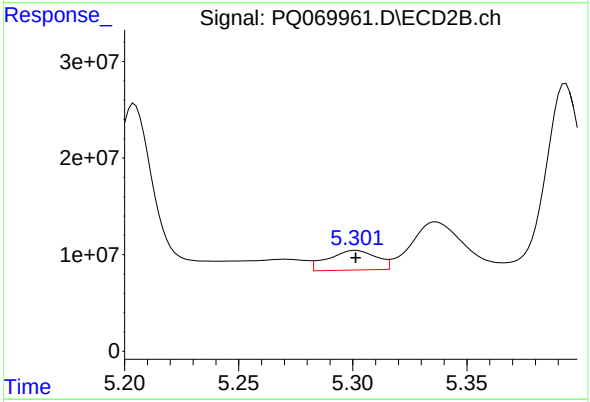
R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 57680983
Conc: 93.61 ng/ml



#29 AR-1254-4

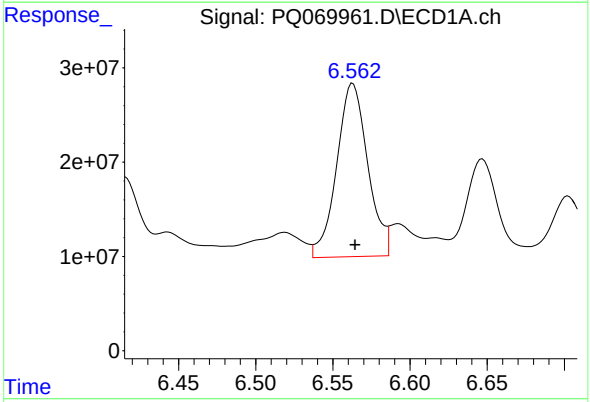
R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 124568517
Conc: 338.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



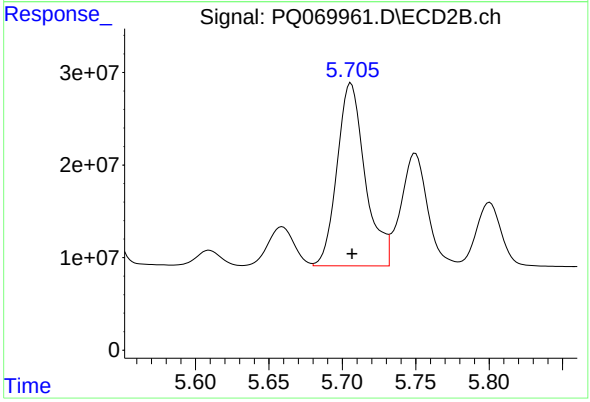
#29 AR-1254-4

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 29852167
Conc: 82.04 ng/ml



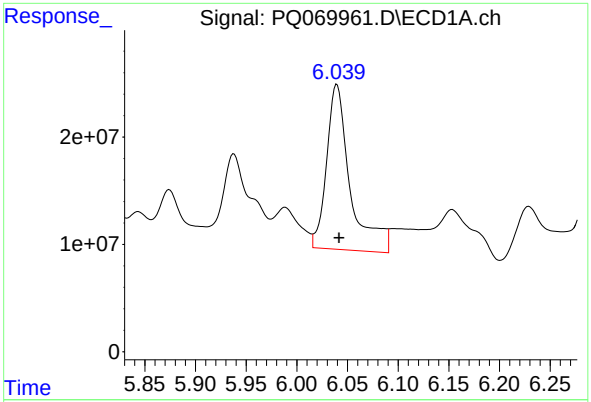
#30 AR-1254-5

R.T.: 6.563 min
Delta R.T.: -0.001 min
Response: 257522284
Conc: 618.32 ng/ml



#30 AR-1254-5

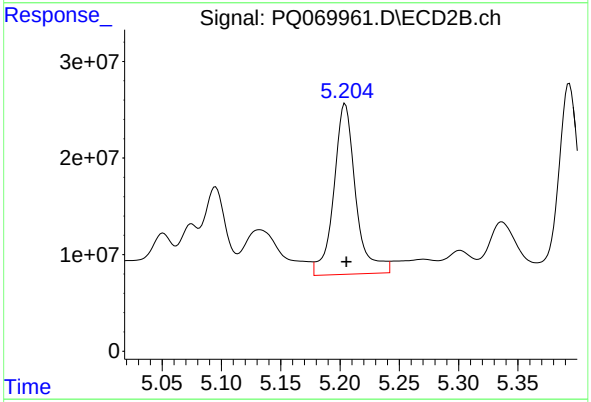
R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 262964049
Conc: 479.78 ng/ml



#31 AR-1260-1

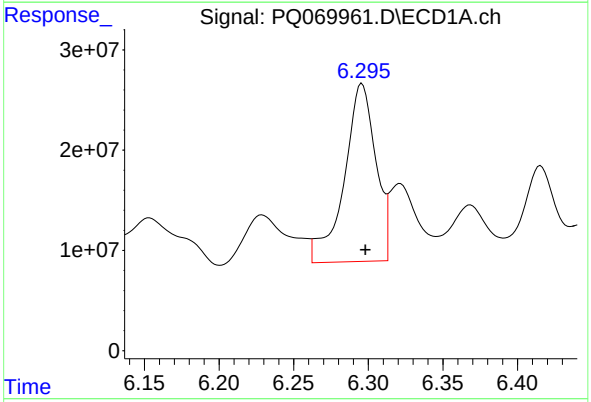
R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 249599794
Conc: 720.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



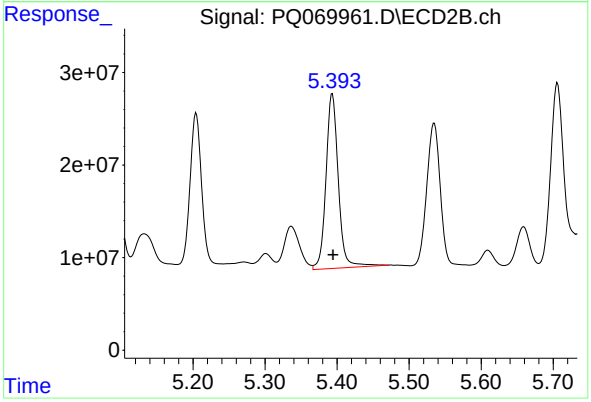
#31 AR-1260-1

R.T.: 5.204 min
Delta R.T.: -0.001 min
Response: 227572156
Conc: 567.54 ng/ml



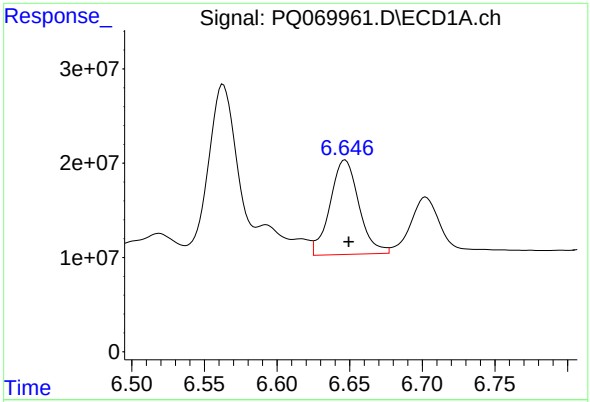
#32 AR-1260-2

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 261398859
Conc: 663.04 ng/ml



#32 AR-1260-2

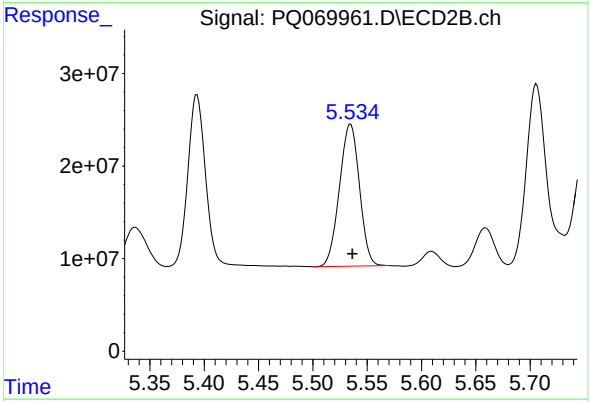
R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 223836665
Conc: 470.51 ng/ml



#33 AR-1260-3

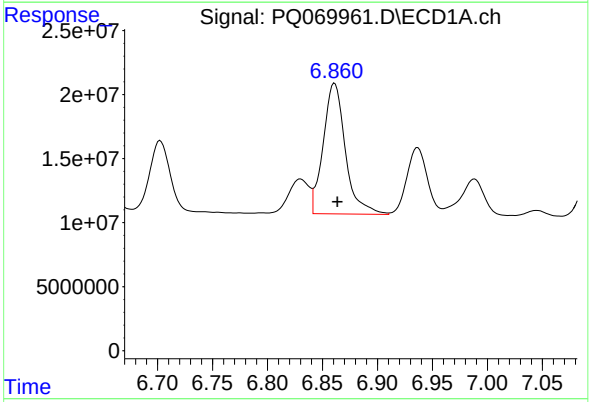
R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 139157891
Conc: 451.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



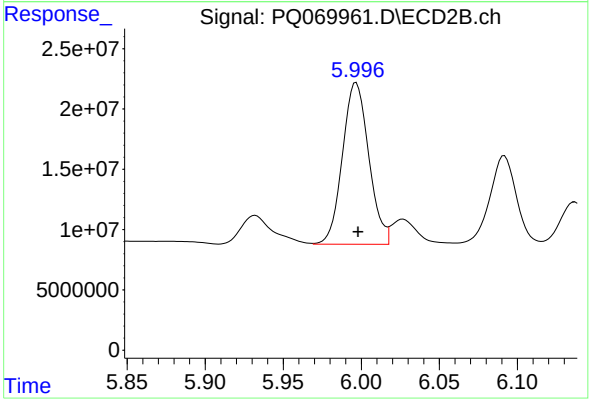
#33 AR-1260-3

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 196897942
Conc: 441.54 ng/ml



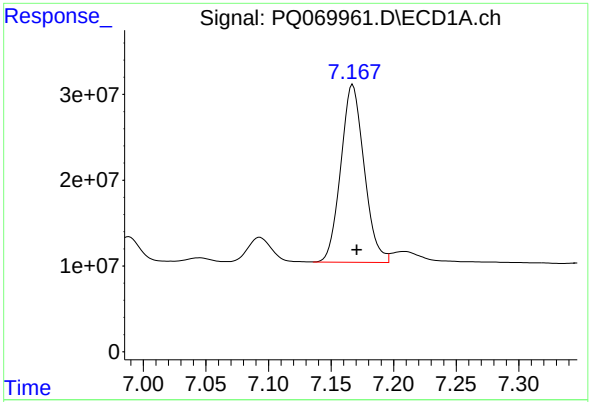
#34 AR-1260-4

R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 143195305
Conc: 427.77 ng/ml



#34 AR-1260-4

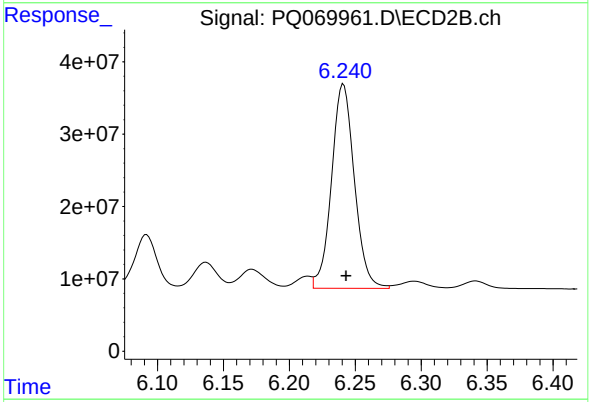
R.T.: 5.997 min
Delta R.T.: -0.001 min
Response: 157200906
Conc: 403.87 ng/ml



#35 AR-1260-5

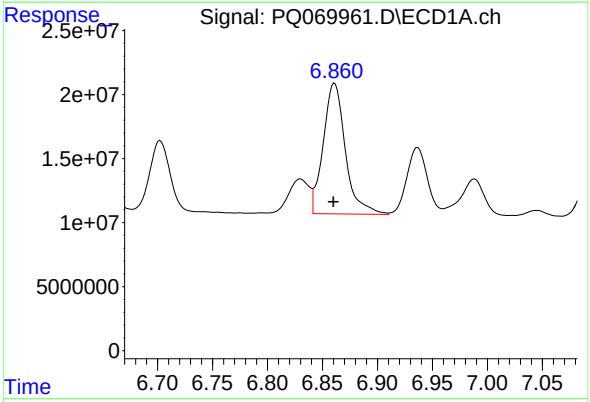
R.T.: 7.167 min
Delta R.T.: -0.003 min
Response: 269752789
Conc: 432.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



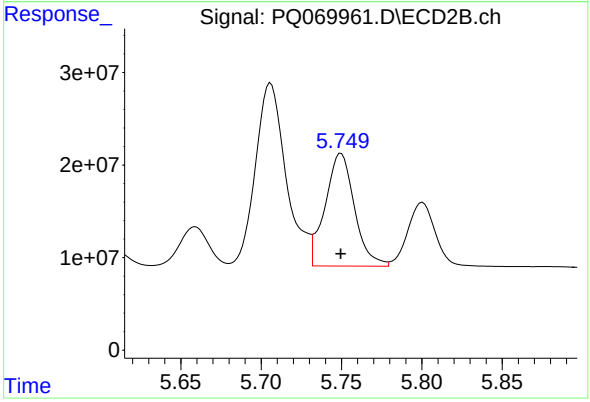
#35 AR-1260-5

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 340542514
Conc: 393.58 ng/ml



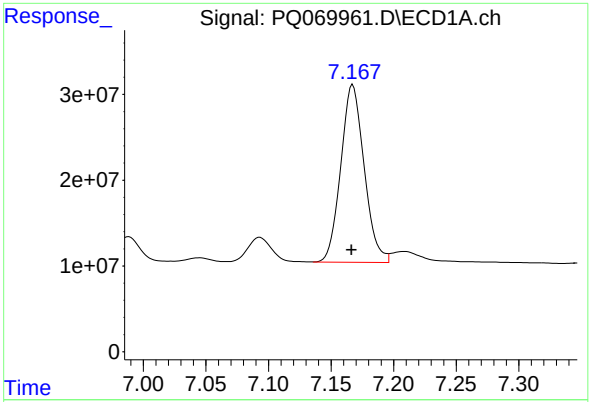
#36 AR-1262-1

R.T.: 6.861 min
Delta R.T.: 0.001 min
Response: 143195305
Conc: 296.06 ng/ml



#36 AR-1262-1

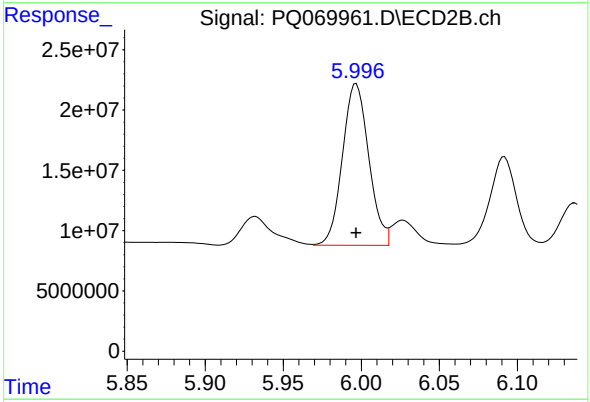
R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 154987135
Conc: 268.76 ng/ml



#37 AR-1262-2

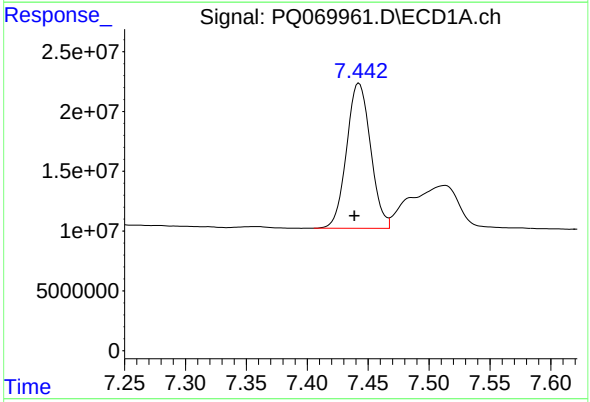
R.T.: 7.167 min
Delta R.T.: 0.001 min
Response: 269752789
Conc: 332.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



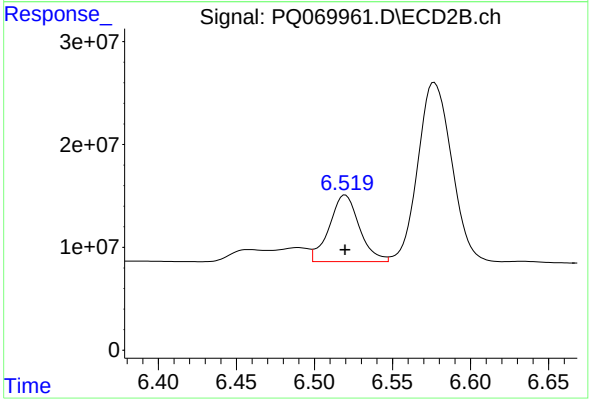
#37 AR-1262-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 157200906
Conc: 292.72 ng/ml



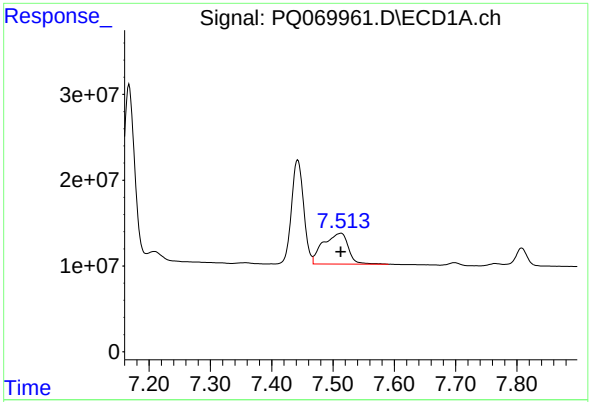
#38 AR-1262-3

R.T.: 7.443 min
Delta R.T.: 0.004 min
Response: 166514644
Conc: 308.97 ng/ml



#38 AR-1262-3

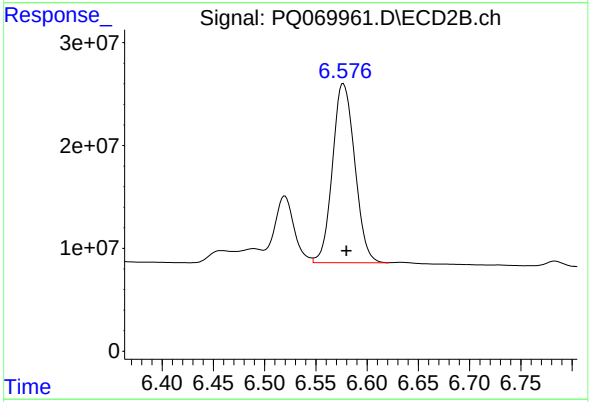
R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 87073921
Conc: 207.52 ng/ml



#39 AR-1262-4

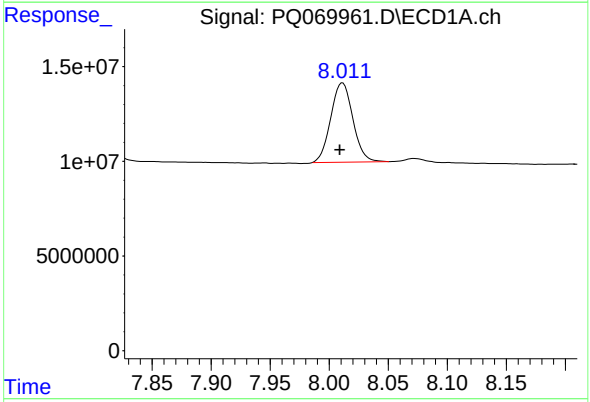
R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 102788353
Conc: 234.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



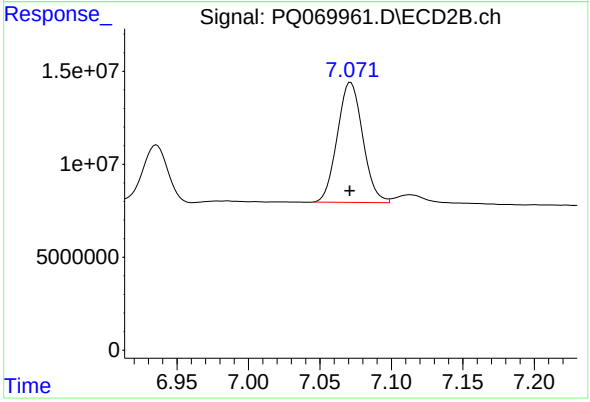
#39 AR-1262-4

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 263169061
Conc: 343.95 ng/ml



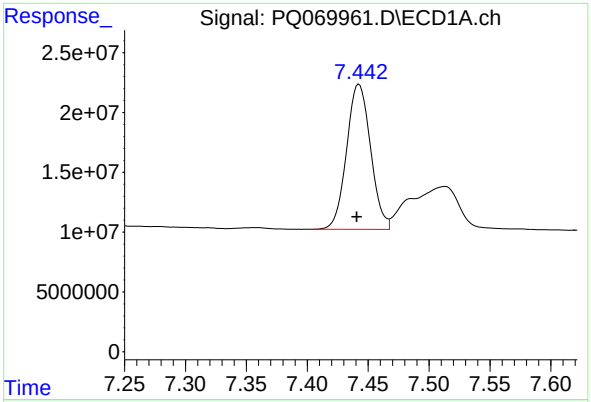
#40 AR-1262-5

R.T.: 8.011 min
Delta R.T.: 0.002 min
Response: 54733715
Conc: 225.67 ng/ml



#40 AR-1262-5

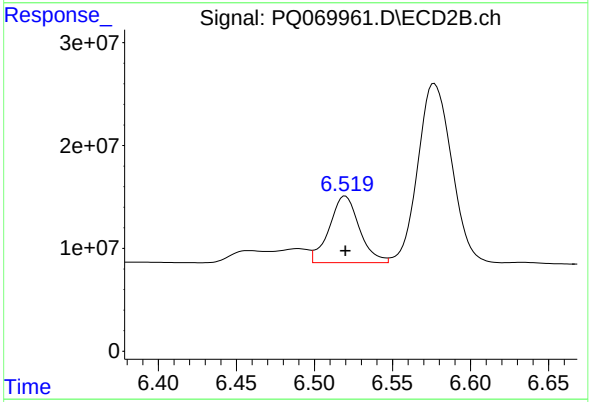
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 79948099
Conc: 230.34 ng/ml



#41 AR-1268-1

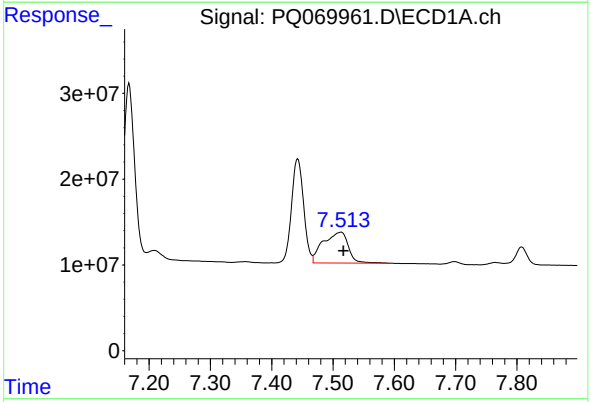
R.T.: 7.443 min
Delta R.T.: 0.002 min
Response: 166514644
Conc: 175.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



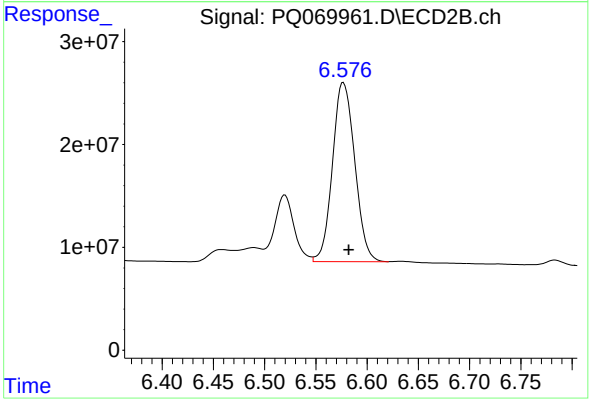
#41 AR-1268-1

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 87073921
Conc: 73.33 ng/ml



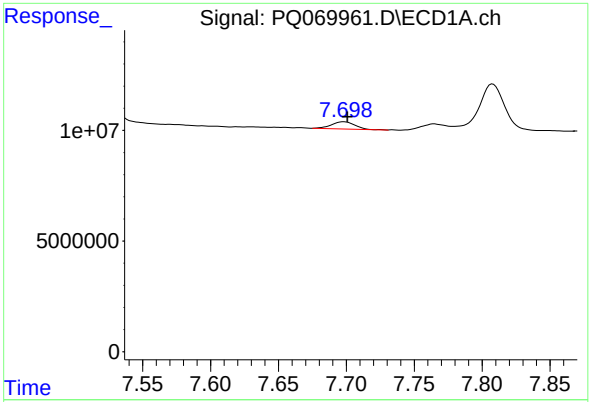
#42 AR-1268-2

R.T.: 7.513 min
Delta R.T.: -0.004 min
Response: 102788353
Conc: 117.27 ng/ml



#42 AR-1268-2

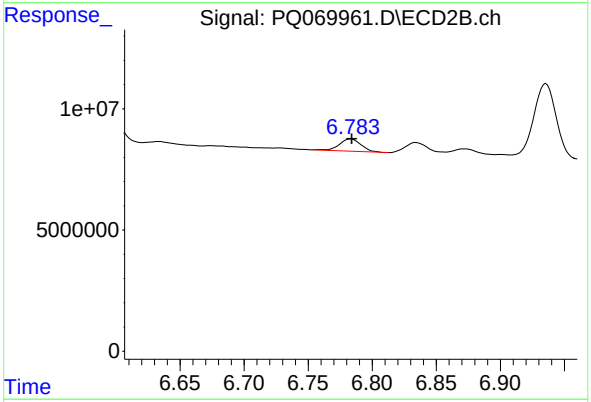
R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 263169061
Conc: 237.39 ng/ml



#43 AR-1268-3

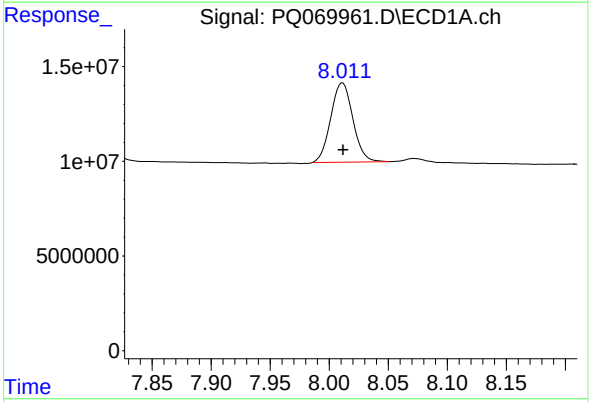
R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 3952837
Conc: 5.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



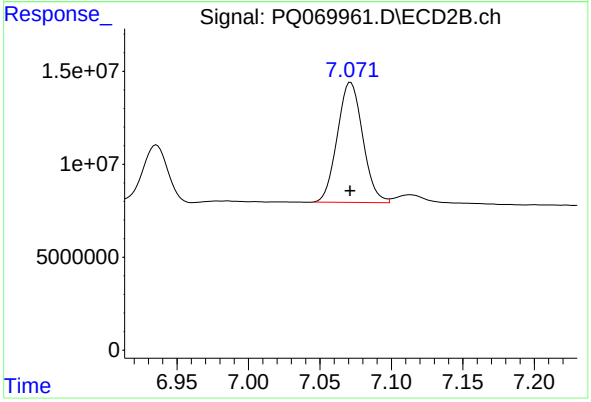
#43 AR-1268-3

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 5953531
Conc: 6.25 ng/ml



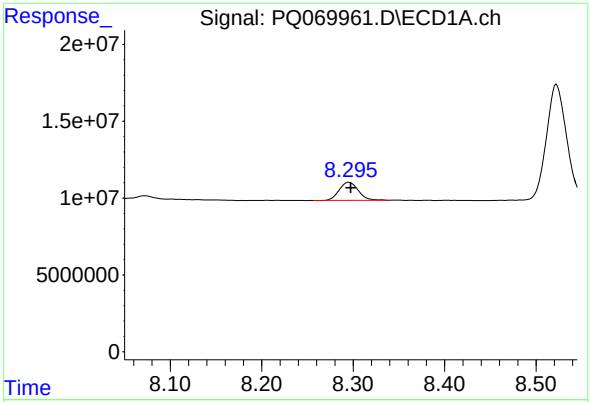
#44 AR-1268-4

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 54733715
Conc: 201.75 ng/ml



#44 AR-1268-4

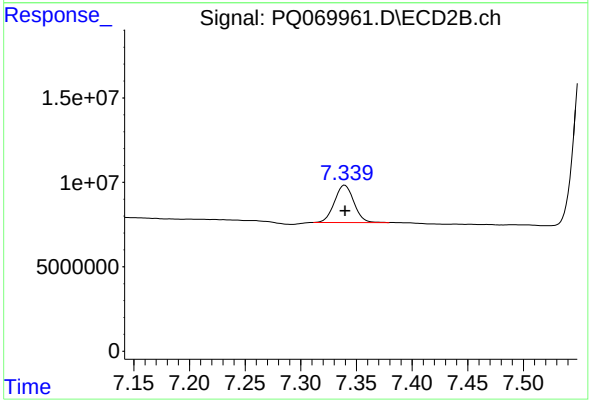
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 79948099
Conc: 201.76 ng/ml



#45 AR-1268-5

R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 17081596
Conc: 8.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 26816392
Conc: 9.88 ng/ml