

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091421\
 Data File : PQ054503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2021 17:02
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 01:23:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.202	4.208	1222.1E6	681.9E6	51.173	51.583
2)	SA Decachlor...	11.369	9.538	750.4E6	583.2E6	44.461	43.031
Target Compounds							
3)	L1 AR-1016-1	6.525	5.467	16825676	5848454	20.398	12.887 #
4)	L1 AR-1016-2	6.555	5.488	20406768	3777607	16.729	5.323 #
5)	L1 AR-1016-3	6.617	5.683	7247832	2664215	9.574	7.779
6)	L1 AR-1016-4	6.723	5.731	5252014	139.4E6	8.494	502.046 #
7)	L1 AR-1016-5	7.036	5.961	123.7E6	68005614	217.760	197.017
8)	L2 AR-1221-1	5.473f	0.000	6980541	0	27.097	N.D. #
9)	L2 AR-1221-2	5.558	4.564	15276694	12666667	79.918	132.945 #
10)	L2 AR-1221-3	5.642	4.655	7453711	3096640	12.436	9.694
11)	L3 AR-1232-1	5.642	4.655	7453711	3096640	16.108	12.945
12)	L3 AR-1232-2	6.225	5.488	12194477	3777607	43.082	12.168 #
13)	L3 AR-1232-3	6.555	5.683	20406768	2664215	38.810	18.488 #
14)	L3 AR-1232-4	6.723	5.775	5252014	41019040	19.658	324.722 #
15)	L3 AR-1232-5	6.817	5.961	220.2E6	68005614	1089.019	468.900 #
16)	L4 AR-1242-1	6.525	5.467	16825676	5848454	28.564	18.130 #
17)	L4 AR-1242-2	6.555	5.488	20406768	3777607	22.744	7.413 #
18)	L4 AR-1242-3	6.617	5.683	7247832	2664215	12.898	10.375
19)	L4 AR-1242-4	6.723	5.775	5252014	41019040	11.480	162.074 #
20)	L4 AR-1242-5	7.507	6.340	128.5E6	399.2E6	274.512	1123.671 #
21)	L5 AR-1248-1	6.525	5.467	16825676	5848454	33.618	22.353 #
22)	L5 AR-1248-2	6.817	5.731	220.2E6	139.4E6	338.921	391.499
23)	L5 AR-1248-3	7.036	5.775	123.7E6	41019040	173.000	115.350 #
24)	L5 AR-1248-4	7.465	5.961	192.0E6	68005614	242.737	158.315 #
25)	L5 AR-1248-5	7.507	6.383	128.5E6	46600200	160.175	108.771 #
26)	L6 AR-1254-1	7.434	6.340	420.8E6	399.2E6	483.058	524.037
27)	L6 AR-1254-2	7.662	6.498	617.4E6	360.2E6	461.600	514.744
28)	L6 AR-1254-3	8.045	6.919	641.0E6	556.3E6	460.252	504.587
29)	L6 AR-1254-4	8.341	7.157	469.4E6	375.6E6	440.629	496.728
30)	L6 AR-1254-5	8.768	7.585	501.8E6	520.5E6	436.594	470.277
31)	L7 AR-1260-1	8.211	7.055	250.7E6	273.3E6	252.633	363.954 #
32)	L7 AR-1260-2	8.474	7.251	283.6E6	264.7E6	241.041	255.736
33)	L7 AR-1260-3	8.833	7.405	62526691	227.5E6	81.640	257.266 #
34)	L7 AR-1260-4	9.077	7.888	191.5E6	22771006	205.006	32.908 #
35)	L7 AR-1260-5	9.426	8.135	83547501	67479099	45.319	35.304
36)	L8 AR-1262-1	8.833	7.585	62526691	520.5E6	53.214	1007.329 #
37)	L8 AR-1262-2	9.426	8.135	83547501	67479099	38.521	30.466
38)	L8 AR-1262-3	9.783f	8.423	60990305	-222093	68.474	N.D. #
39)	L8 AR-1262-4	9.835f	8.483	14122264	57171324	25.034	37.592 #
40)	L8 AR-1262-5	10.565	0.000	3384782	0	4.404	N.D. #
41)	L9 AR-1268-1	9.783f	8.423	60990305	-222093	24.319	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091421\
 Data File : PQ054503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2021 17:02
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

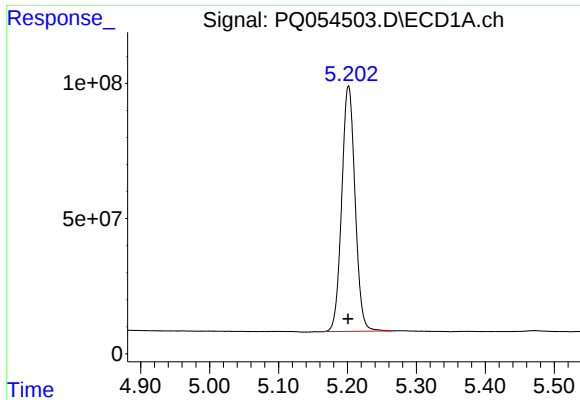
Instrument :
 ECD_Q
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 01:23:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.835f	8.483	14122264	57171324	6.175	24.815 #
44) L9	AR-1268-4	10.565	0.000	3384782	0	3.967	N.D. #
45) L9	AR-1268-5	11.011	9.282	4792677	4044606	0.760	0.703

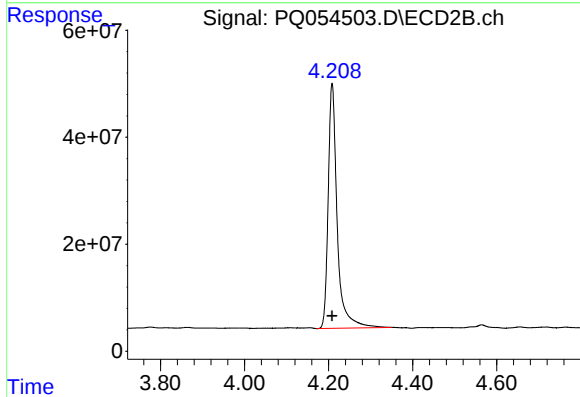
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

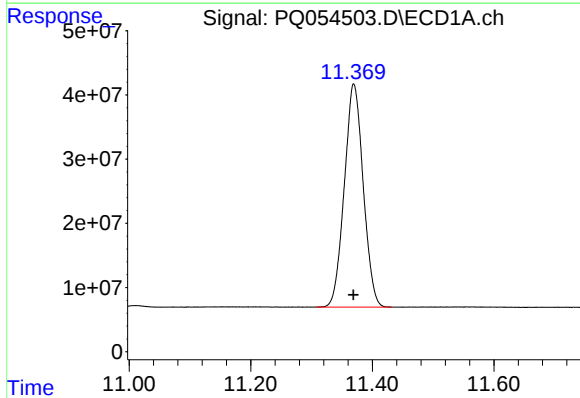
R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 1222072671
Conc: 51.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



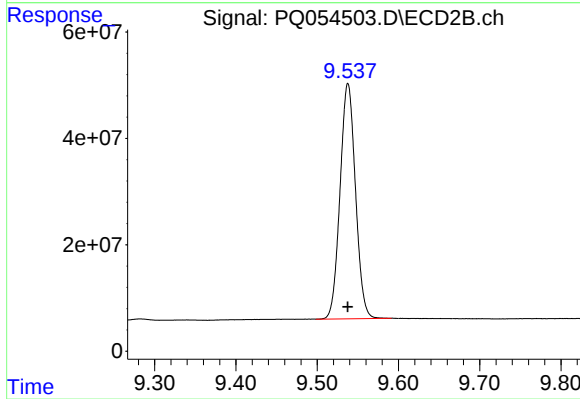
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 681918454
Conc: 51.58 ng/ml



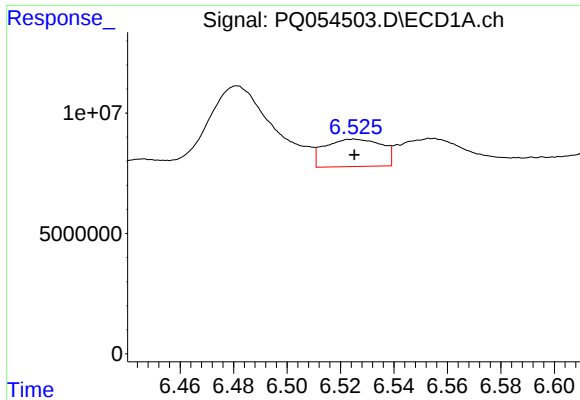
#2 Decachlorobiphenyl

R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 750419168
Conc: 44.46 ng/ml



#2 Decachlorobiphenyl

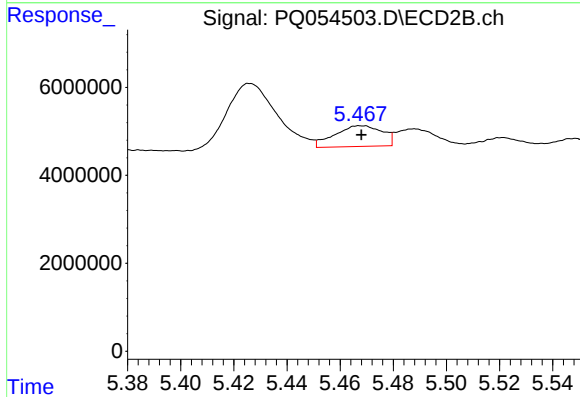
R.T.: 9.538 min
Delta R.T.: 0.000 min
Response: 583157802
Conc: 43.03 ng/ml



#3 AR-1016-1

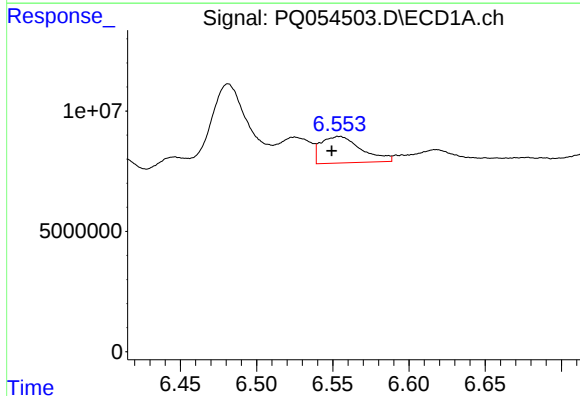
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 16825676
Conc: 20.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



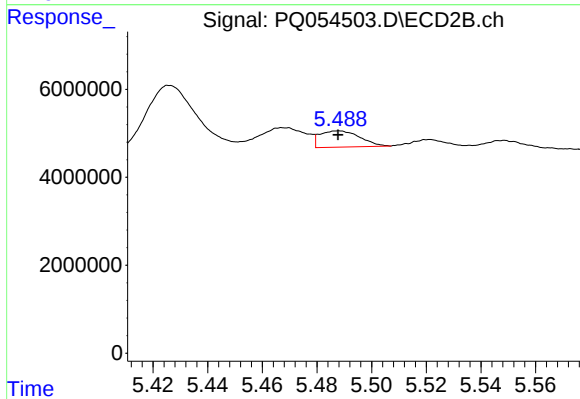
#3 AR-1016-1

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 5848454
Conc: 12.89 ng/ml



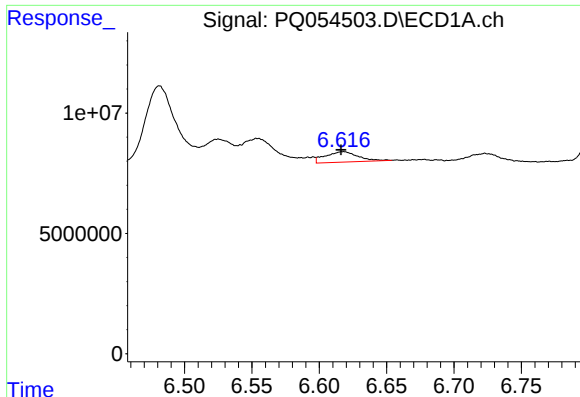
#4 AR-1016-2

R.T.: 6.555 min
Delta R.T.: 0.006 min
Response: 20406768
Conc: 16.73 ng/ml



#4 AR-1016-2

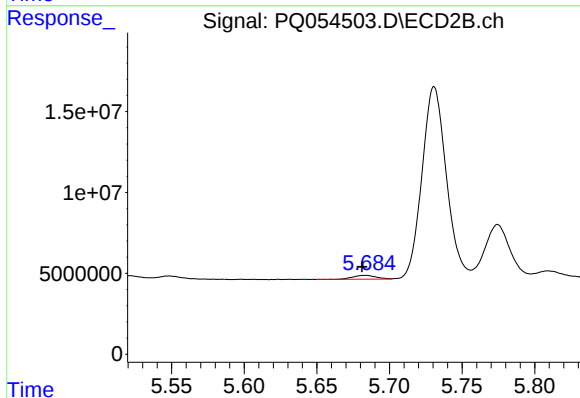
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 3777607
Conc: 5.32 ng/ml



#5 AR-1016-3

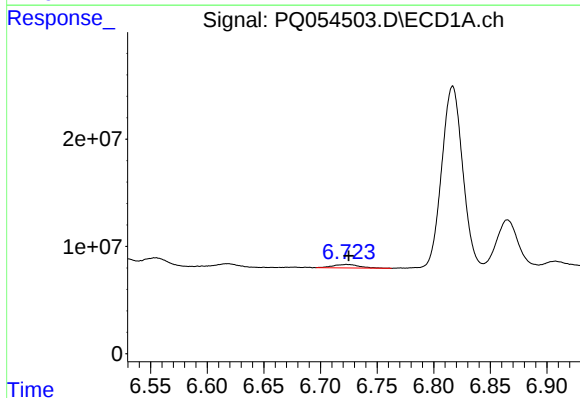
R.T.: 6.617 min
Delta R.T.: 0.001 min
Response: 7247832
Conc: 9.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



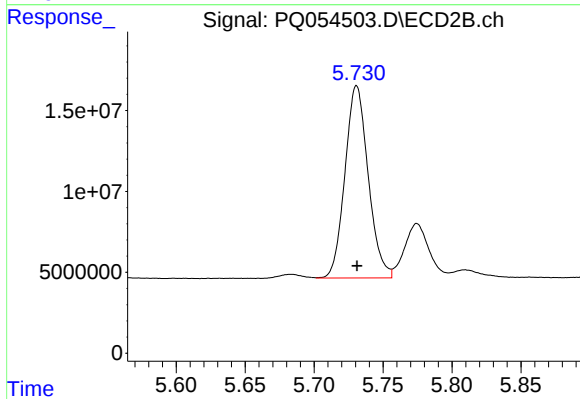
#5 AR-1016-3

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 2664215
Conc: 7.78 ng/ml



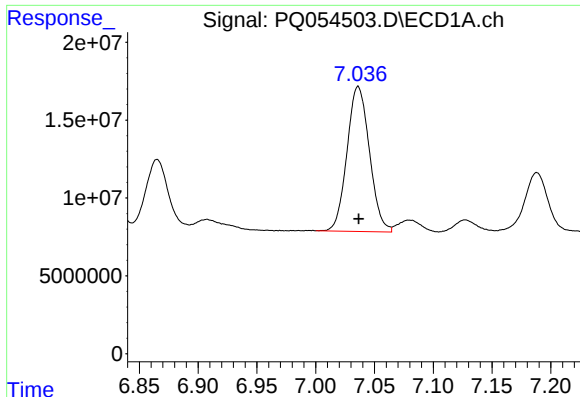
#6 AR-1016-4

R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 5252014
Conc: 8.49 ng/ml



#6 AR-1016-4

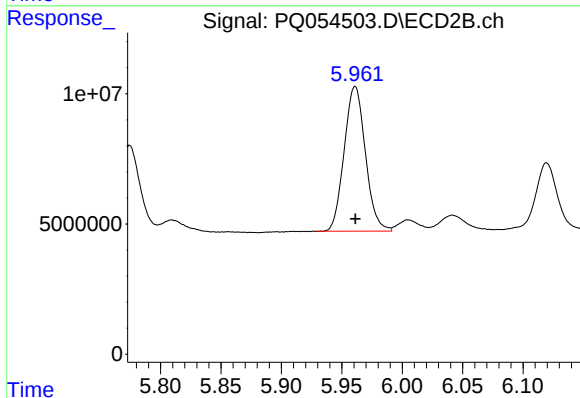
R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 139442749
Conc: 502.05 ng/ml



#7 AR-1016-5

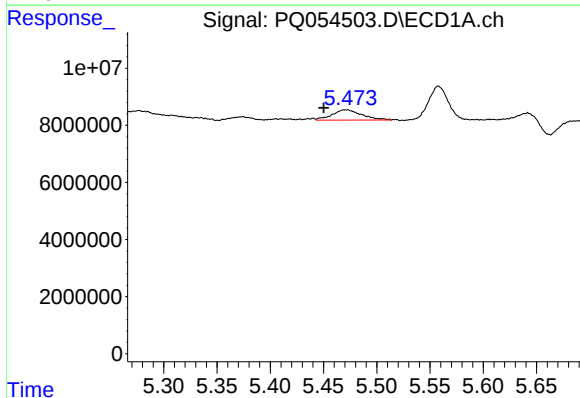
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 123717767
Conc: 217.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



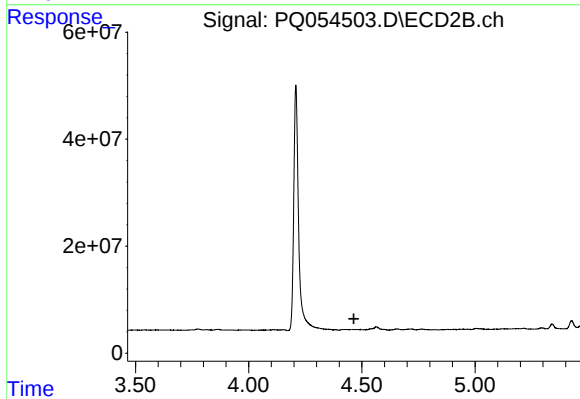
#7 AR-1016-5

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 68005614
Conc: 197.02 ng/ml



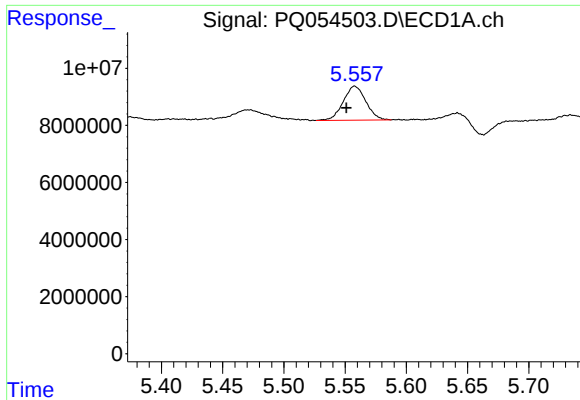
#8 AR-1221-1

R.T.: 5.473 min
Delta R.T.: 0.023 min
Response: 6980541
Conc: 27.10 ng/ml



#8 AR-1221-1

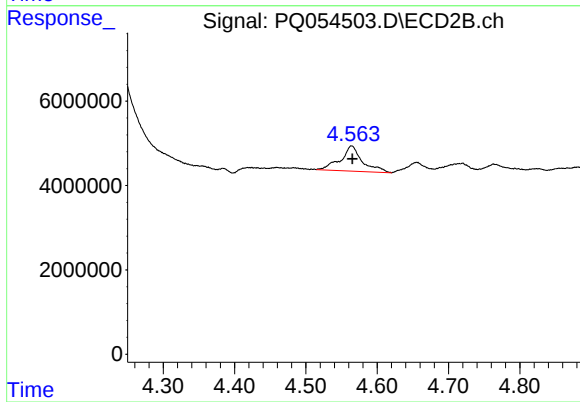
R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

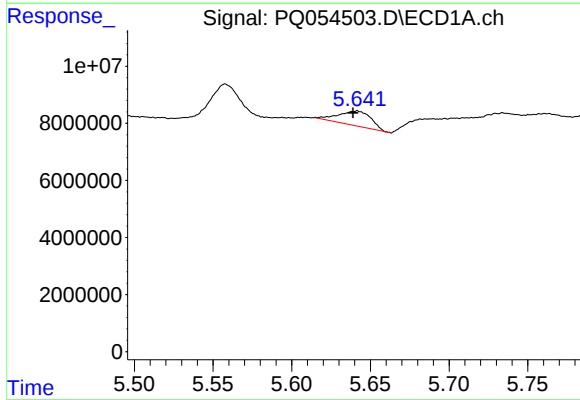
R.T.: 5.558 min
Delta R.T.: 0.007 min
Response: 15276694
Conc: 79.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



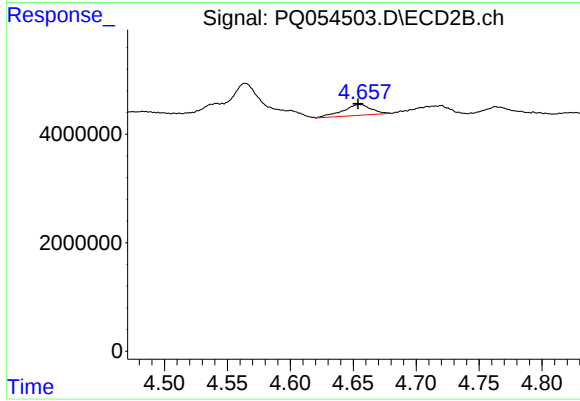
#9 AR-1221-2

R.T.: 4.564 min
Delta R.T.: -0.001 min
Response: 12666667
Conc: 132.95 ng/ml



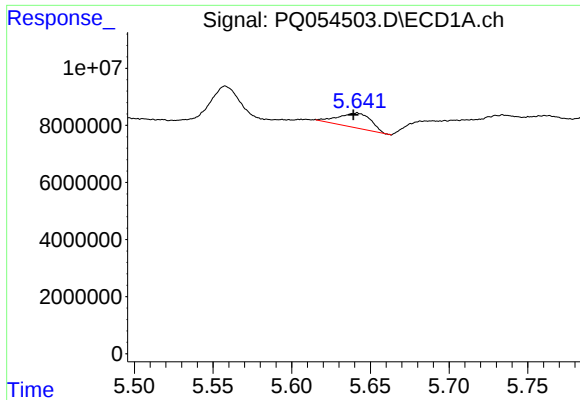
#10 AR-1221-3

R.T.: 5.642 min
Delta R.T.: 0.003 min
Response: 7453711
Conc: 12.44 ng/ml



#10 AR-1221-3

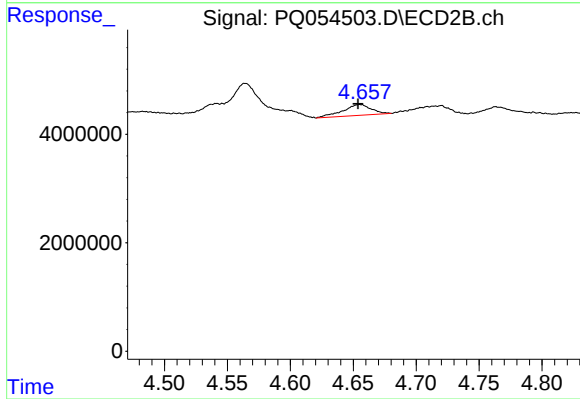
R.T.: 4.655 min
Delta R.T.: 0.001 min
Response: 3096640
Conc: 9.69 ng/ml



#11 AR-1232-1

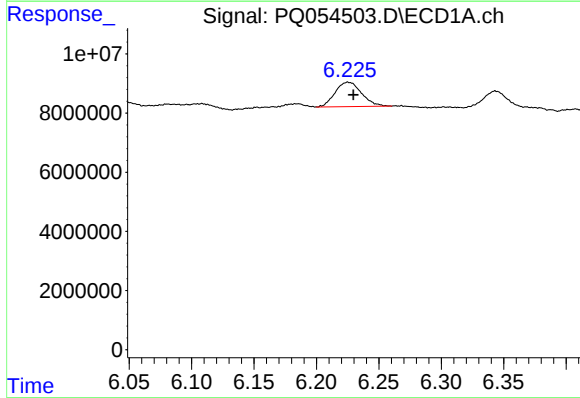
R.T.: 5.642 min
Delta R.T.: 0.002 min
Response: 7453711
Conc: 16.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



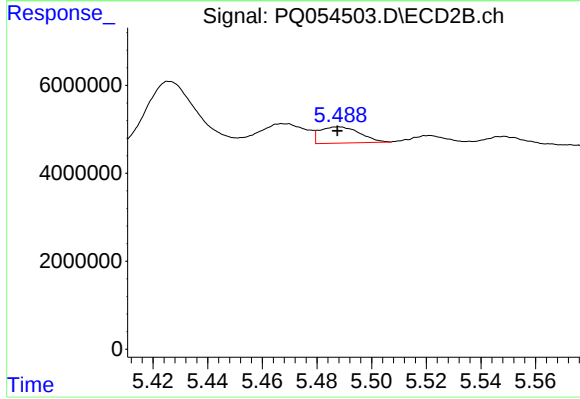
#11 AR-1232-1

R.T.: 4.655 min
Delta R.T.: 0.001 min
Response: 3096640
Conc: 12.94 ng/ml



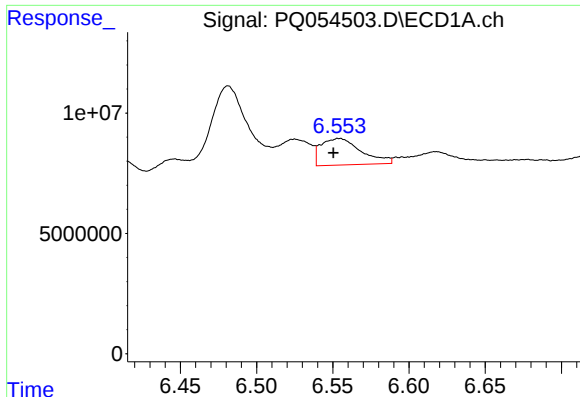
#12 AR-1232-2

R.T.: 6.225 min
Delta R.T.: -0.005 min
Response: 12194477
Conc: 43.08 ng/ml



#12 AR-1232-2

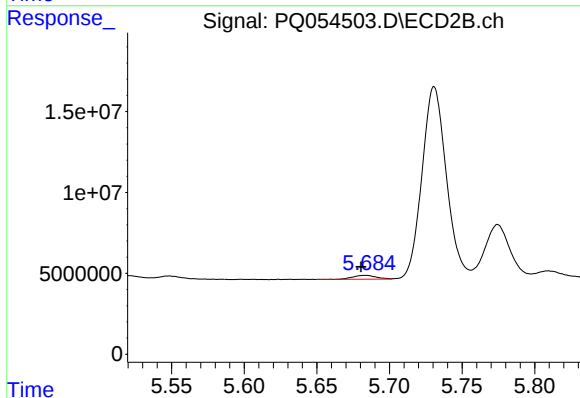
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 3777607
Conc: 12.17 ng/ml



#13 AR-1232-3

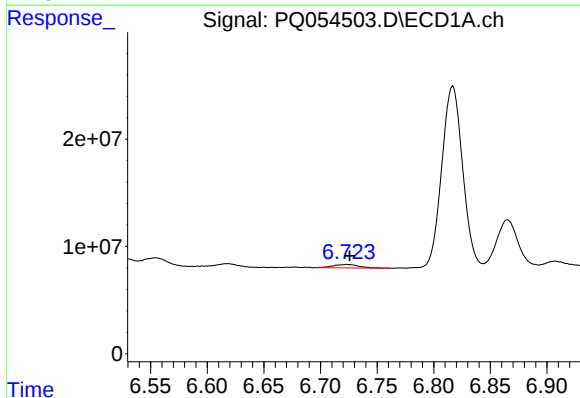
R.T.: 6.555 min
Delta R.T.: 0.005 min
Response: 20406768
Conc: 38.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



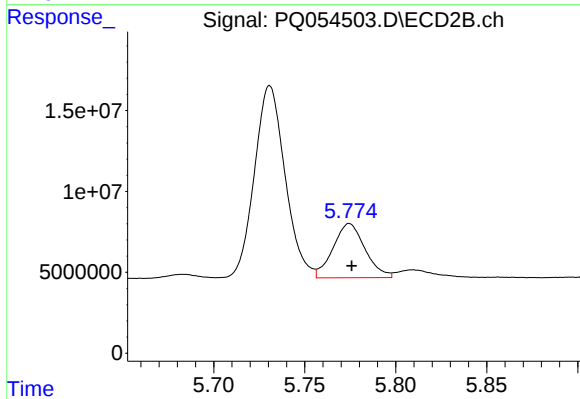
#13 AR-1232-3

R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 2664215
Conc: 18.49 ng/ml



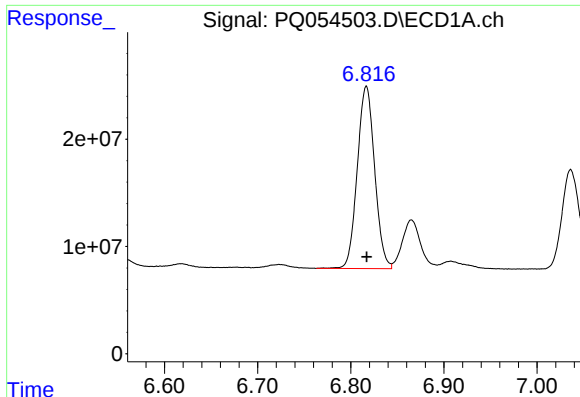
#14 AR-1232-4

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 5252014
Conc: 19.66 ng/ml



#14 AR-1232-4

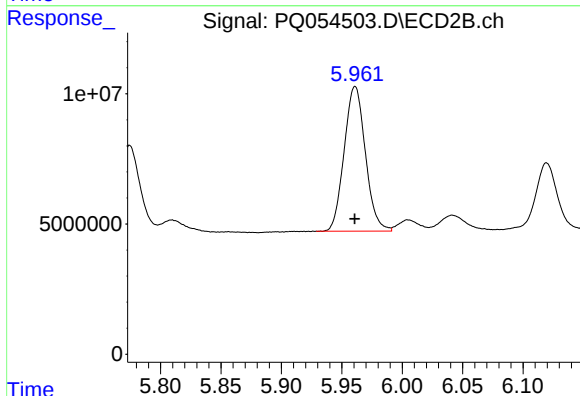
R.T.: 5.775 min
Delta R.T.: -0.001 min
Response: 41019040
Conc: 324.72 ng/ml



#15 AR-1232-5

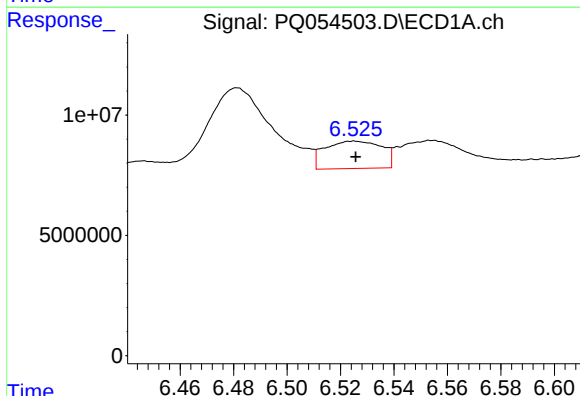
R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 220193845
Conc: 1089.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



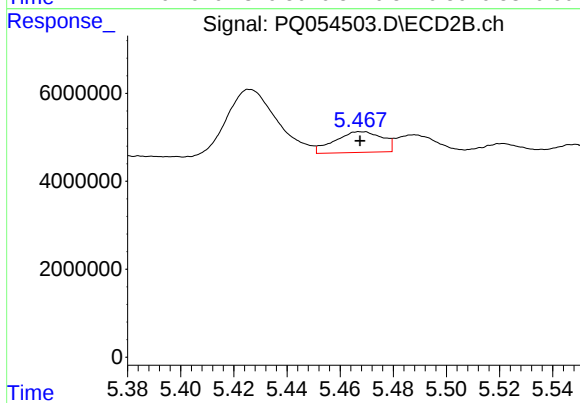
#15 AR-1232-5

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 68005614
Conc: 468.90 ng/ml



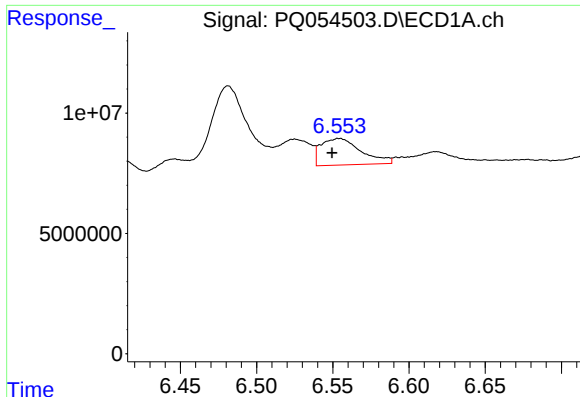
#16 AR-1242-1

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 16825676
Conc: 28.56 ng/ml



#16 AR-1242-1

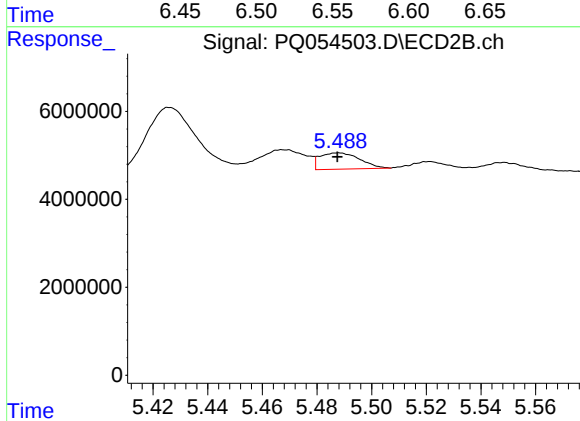
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 5848454
Conc: 18.13 ng/ml



#17 AR-1242-2

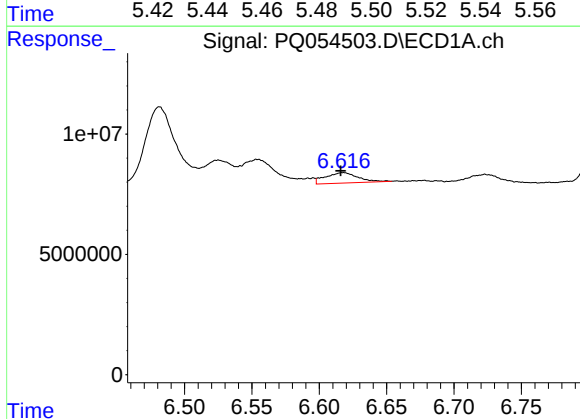
R.T.: 6.555 min
Delta R.T.: 0.006 min
Response: 20406768
Conc: 22.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



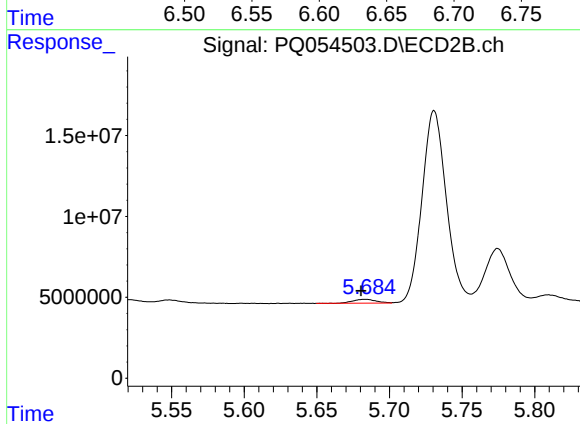
#17 AR-1242-2

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 3777607
Conc: 7.41 ng/ml



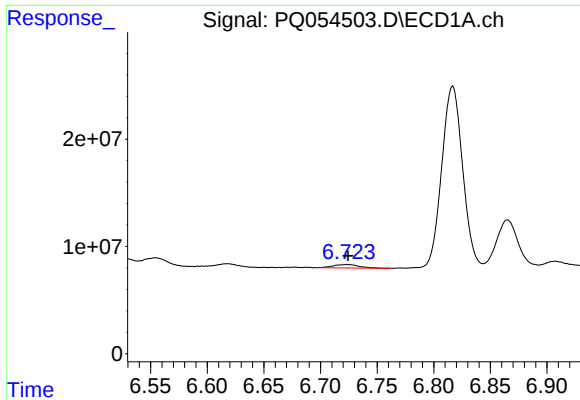
#18 AR-1242-3

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 7247832
Conc: 12.90 ng/ml



#18 AR-1242-3

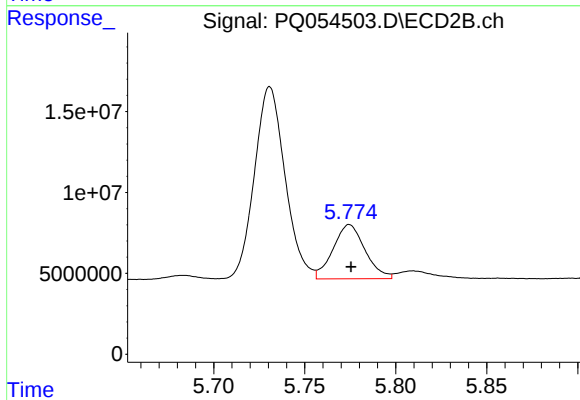
R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 2664215
Conc: 10.38 ng/ml



#19 AR-1242-4

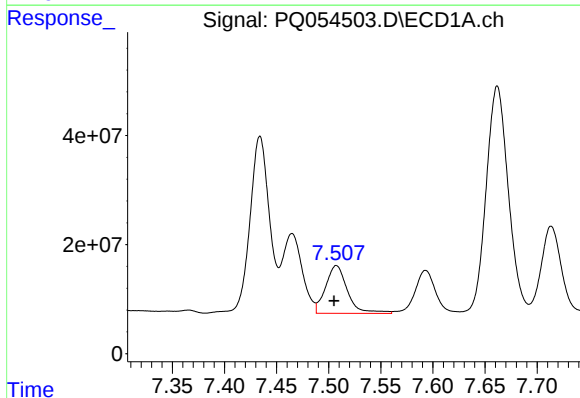
R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 5252014
Conc: 11.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



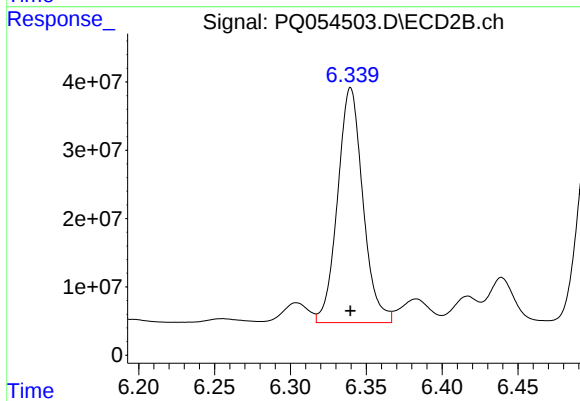
#19 AR-1242-4

R.T.: 5.775 min
Delta R.T.: -0.001 min
Response: 41019040
Conc: 162.07 ng/ml



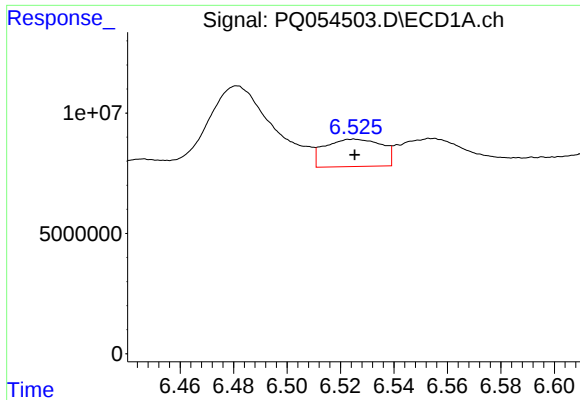
#20 AR-1242-5

R.T.: 7.507 min
Delta R.T.: 0.002 min
Response: 128534371
Conc: 274.51 ng/ml



#20 AR-1242-5

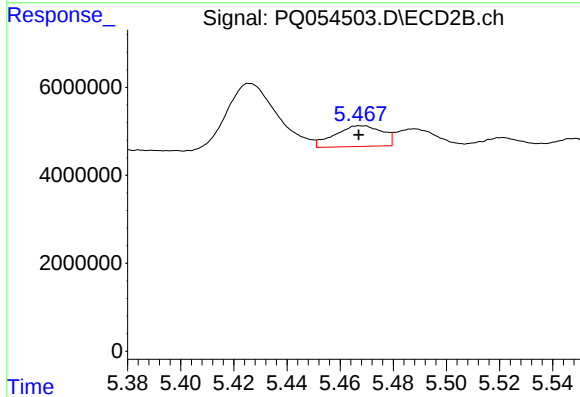
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 399215072
Conc: 1123.67 ng/ml



#21 AR-1248-1

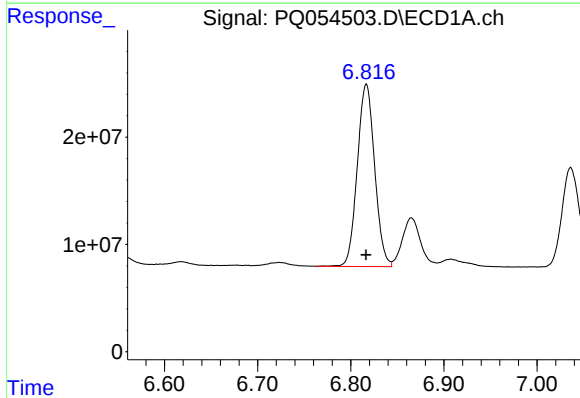
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 16825676
Conc: 33.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



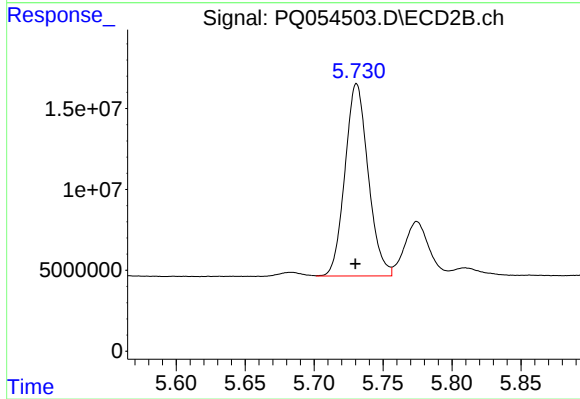
#21 AR-1248-1

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 5848454
Conc: 22.35 ng/ml



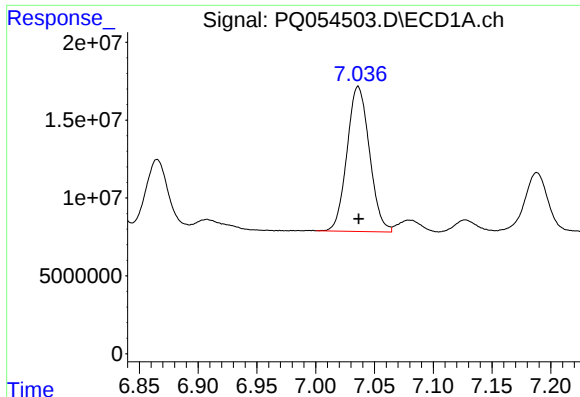
#22 AR-1248-2

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 220193845
Conc: 338.92 ng/ml



#22 AR-1248-2

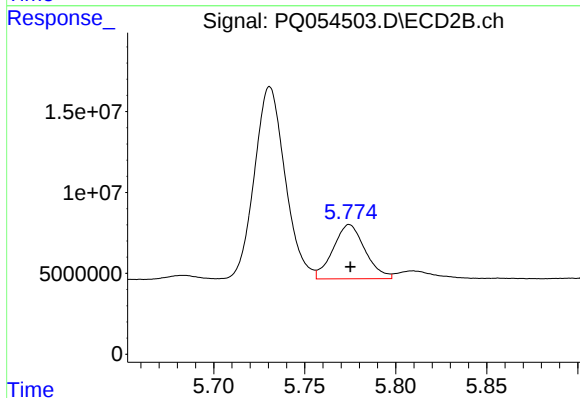
R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 139442749
Conc: 391.50 ng/ml



#23 AR-1248-3

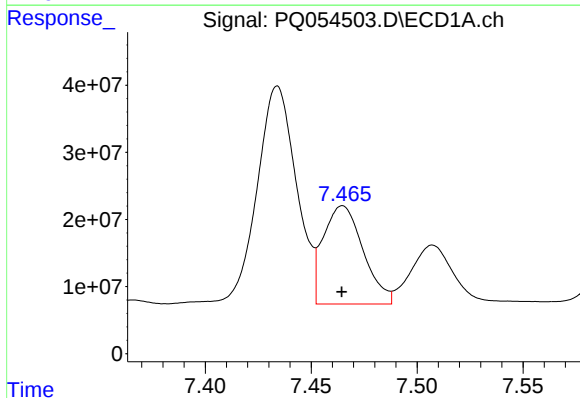
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 123717767
Conc: 173.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



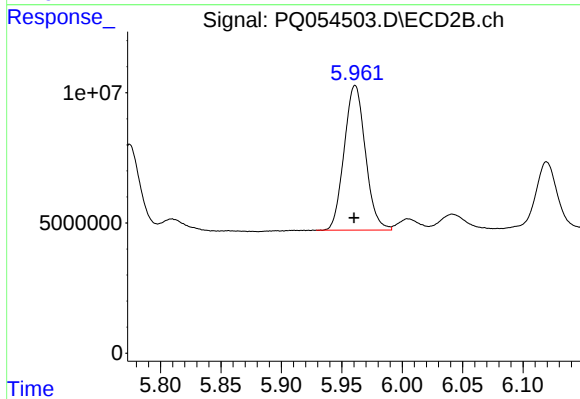
#23 AR-1248-3

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 41019040
Conc: 115.35 ng/ml



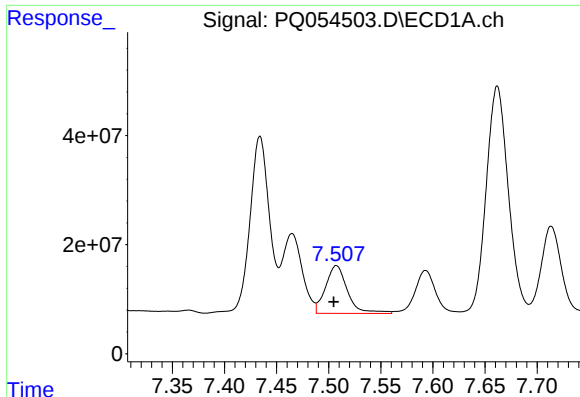
#24 AR-1248-4

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 192028992
Conc: 242.74 ng/ml



#24 AR-1248-4

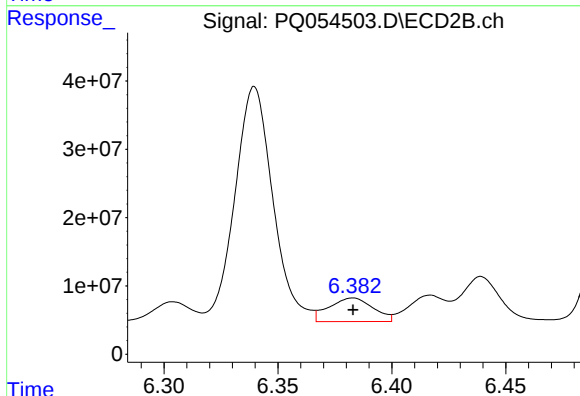
R.T.: 5.961 min
Delta R.T.: 0.001 min
Response: 68005614
Conc: 158.31 ng/ml



#25 AR-1248-5

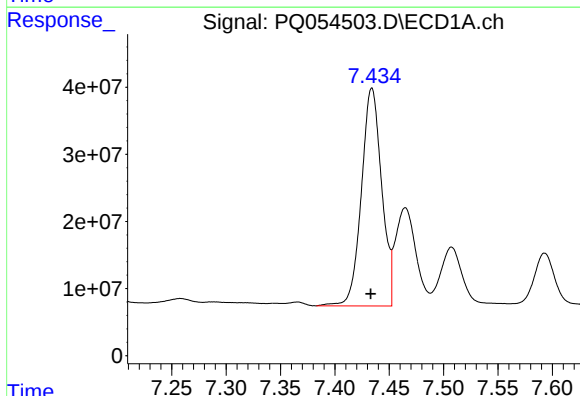
R.T.: 7.507 min
Delta R.T.: 0.002 min
Response: 128534371
Conc: 160.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



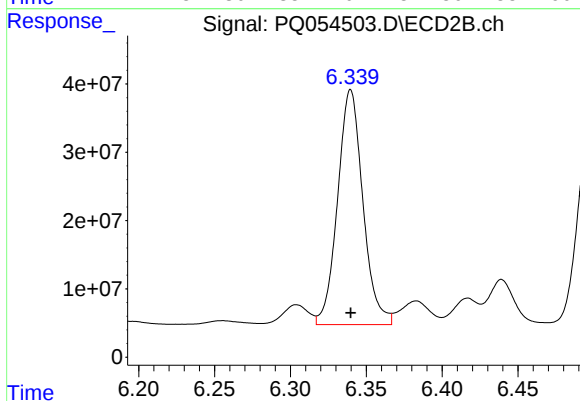
#25 AR-1248-5

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 46600200
Conc: 108.77 ng/ml



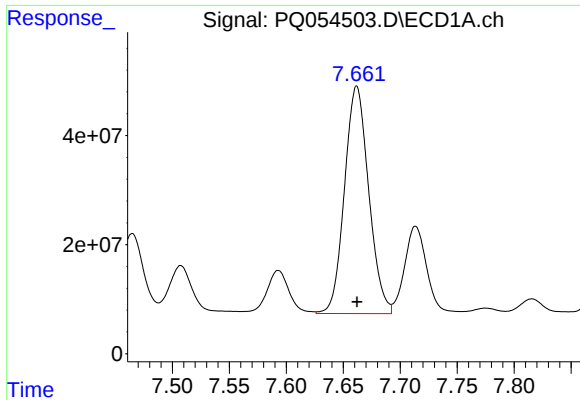
#26 AR-1254-1

R.T.: 7.434 min
Delta R.T.: 0.000 min
Response: 420784671
Conc: 483.06 ng/ml



#26 AR-1254-1

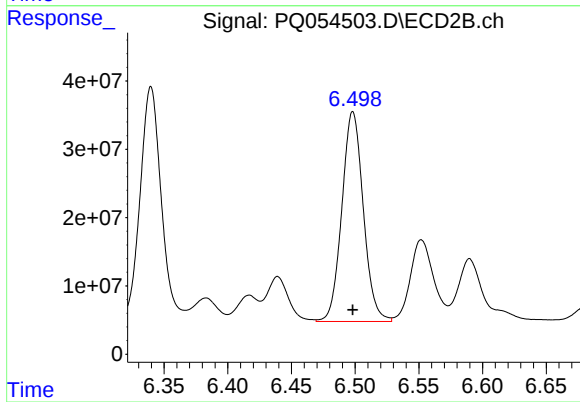
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 399215072
Conc: 524.04 ng/ml



#27 AR-1254-2

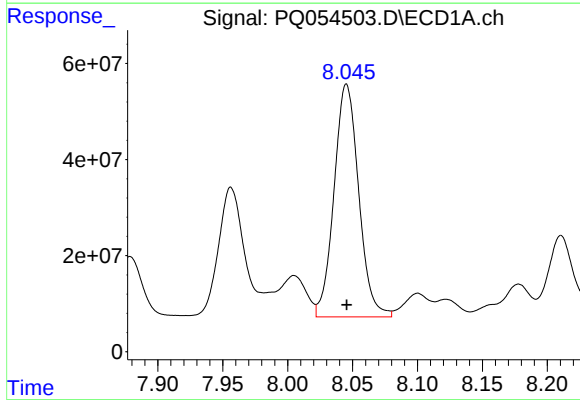
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 617436923
Conc: 461.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



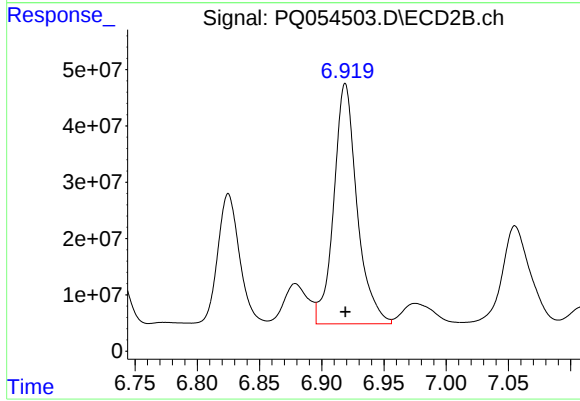
#27 AR-1254-2

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 360208185
Conc: 514.74 ng/ml



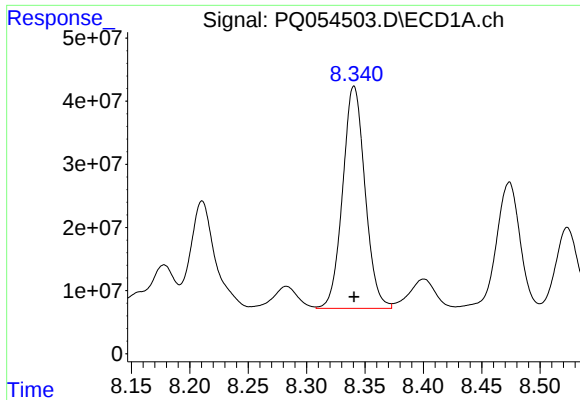
#28 AR-1254-3

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 641013952
Conc: 460.25 ng/ml



#28 AR-1254-3

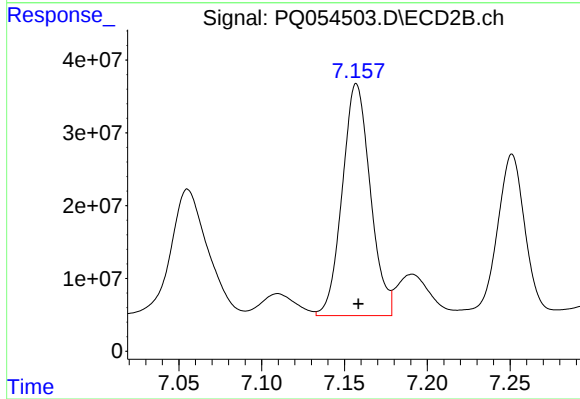
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 556267665
Conc: 504.59 ng/ml



#29 AR-1254-4

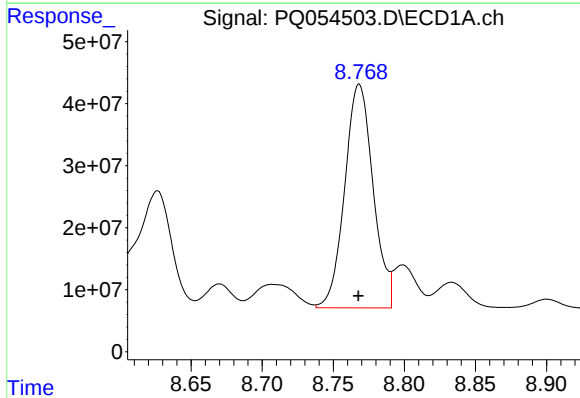
R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 469409219
Conc: 440.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



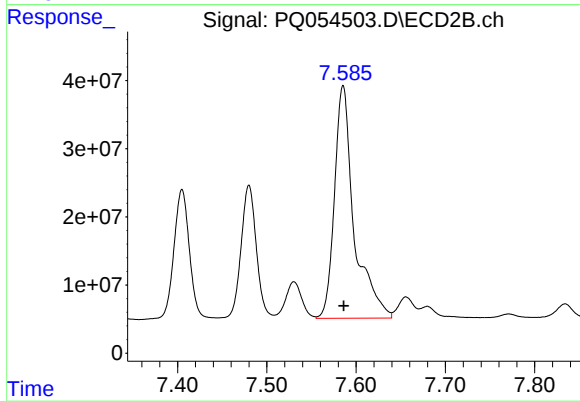
#29 AR-1254-4

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 375584449
Conc: 496.73 ng/ml



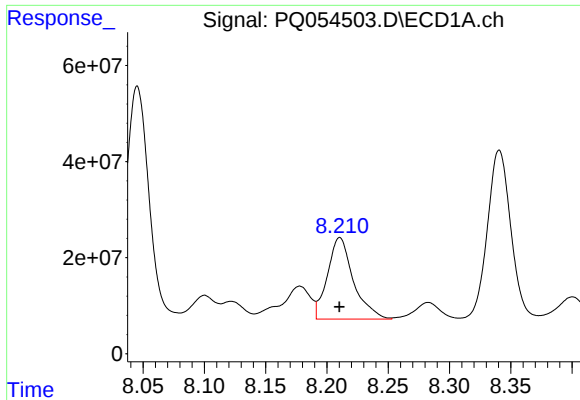
#30 AR-1254-5

R.T.: 8.768 min
Delta R.T.: 0.000 min
Response: 501769729
Conc: 436.59 ng/ml



#30 AR-1254-5

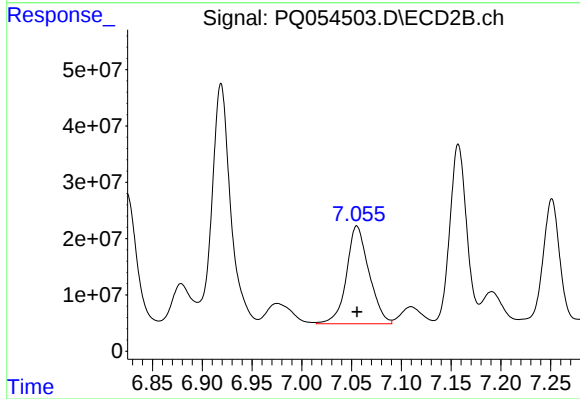
R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 520466069
Conc: 470.28 ng/ml



#31 AR-1260-1

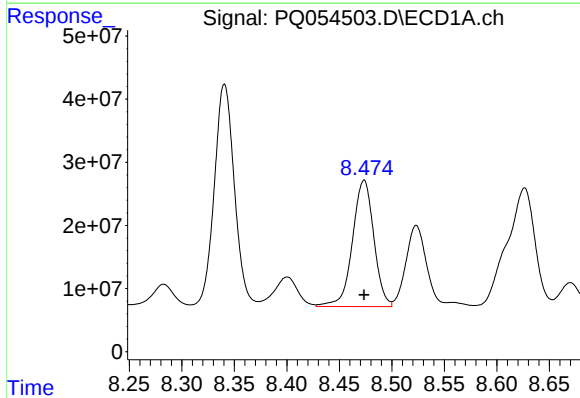
R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 250711527
Conc: 252.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



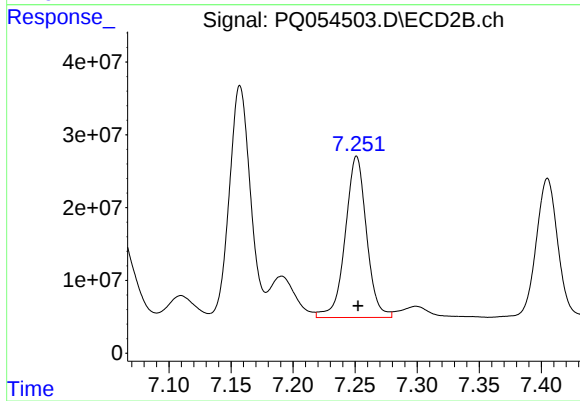
#31 AR-1260-1

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 273320668
Conc: 363.95 ng/ml



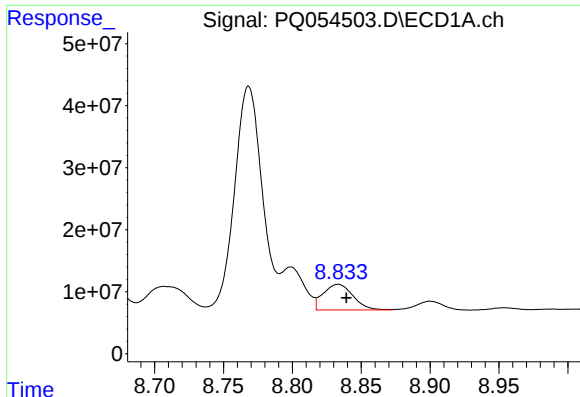
#32 AR-1260-2

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 283634727
Conc: 241.04 ng/ml



#32 AR-1260-2

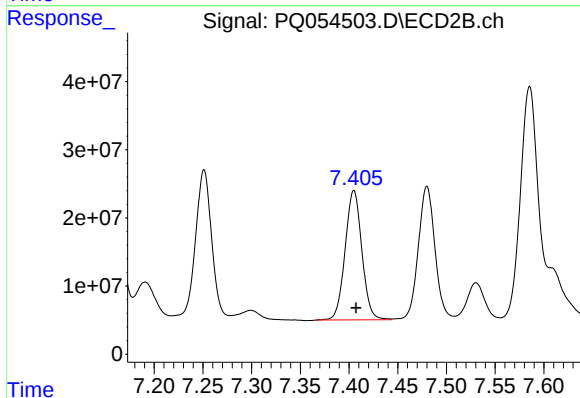
R.T.: 7.251 min
Delta R.T.: -0.001 min
Response: 264660919
Conc: 255.74 ng/ml



#33 AR-1260-3

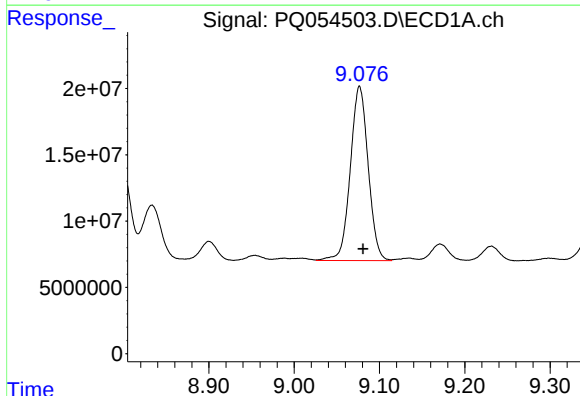
R.T.: 8.833 min
Delta R.T.: -0.006 min
Response: 62526691
Conc: 81.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



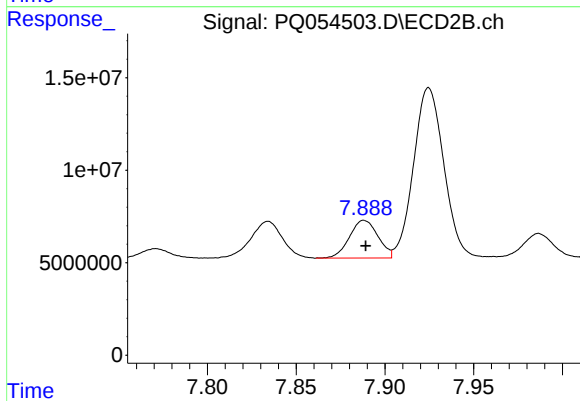
#33 AR-1260-3

R.T.: 7.405 min
Delta R.T.: -0.002 min
Response: 227461583
Conc: 257.27 ng/ml



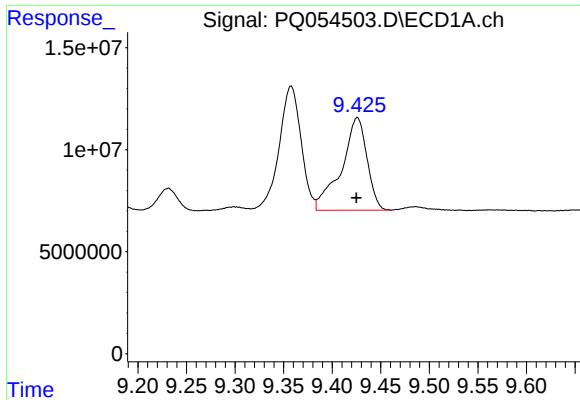
#34 AR-1260-4

R.T.: 9.077 min
Delta R.T.: -0.004 min
Response: 191494536
Conc: 205.01 ng/ml



#34 AR-1260-4

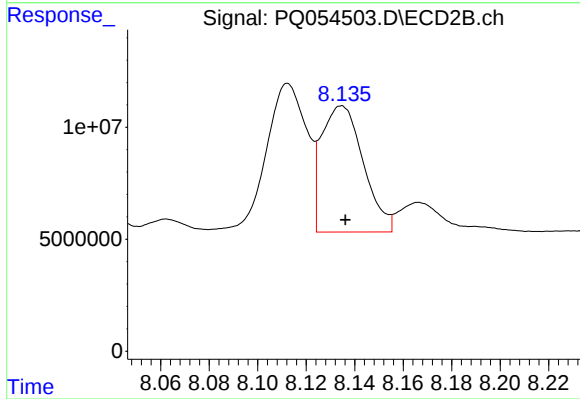
R.T.: 7.888 min
Delta R.T.: -0.001 min
Response: 22771006
Conc: 32.91 ng/ml



#35 AR-1260-5

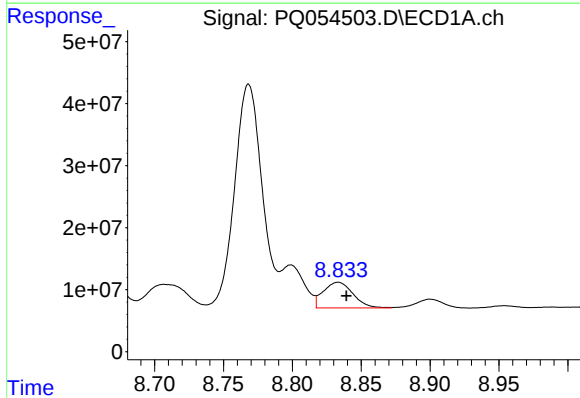
R.T.: 9.426 min
Delta R.T.: 0.000 min
Response: 83547501
Conc: 45.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



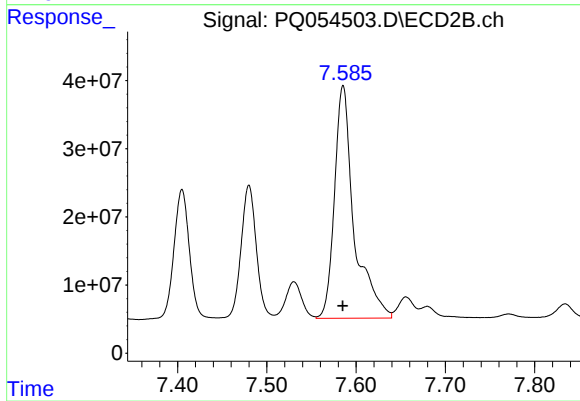
#35 AR-1260-5

R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 67479099
Conc: 35.30 ng/ml



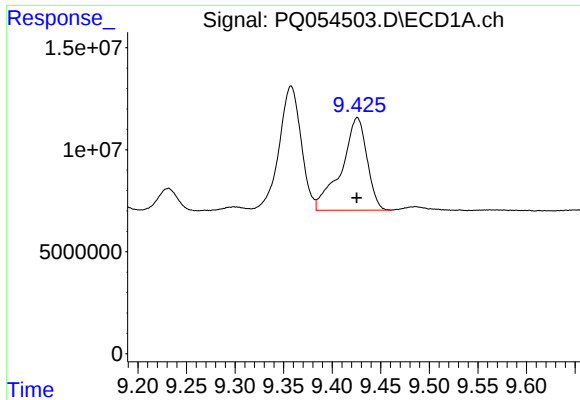
#36 AR-1262-1

R.T.: 8.833 min
Delta R.T.: -0.006 min
Response: 62526691
Conc: 53.21 ng/ml



#36 AR-1262-1

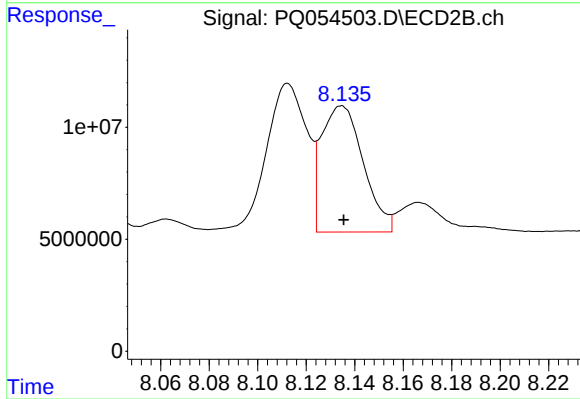
R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 520466069
Conc: 1007.33 ng/ml



#37 AR-1262-2

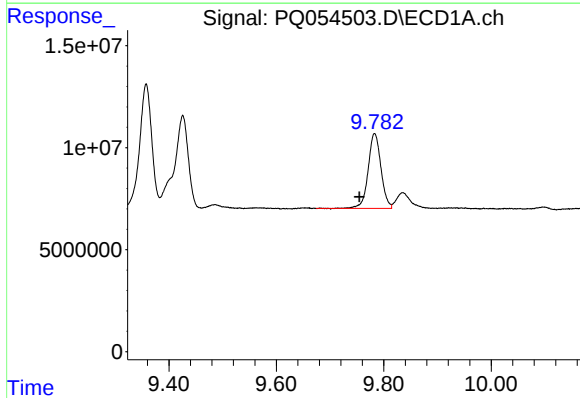
R.T.: 9.426 min
Delta R.T.: 0.000 min
Response: 83547501
Conc: 38.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



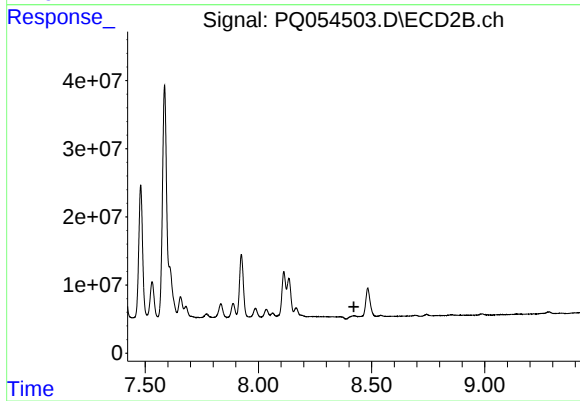
#37 AR-1262-2

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 67479099
Conc: 30.47 ng/ml



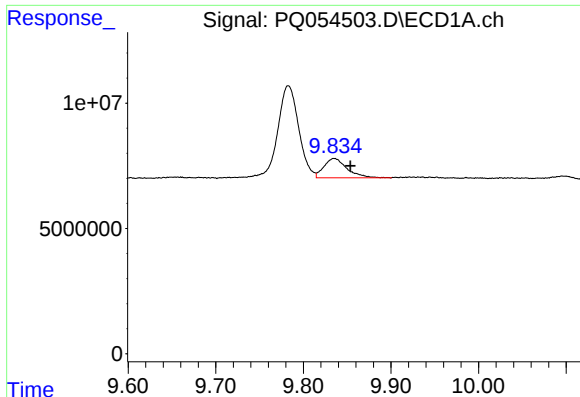
#38 AR-1262-3

R.T.: 9.783 min
Delta R.T.: 0.028 min
Response: 60990305
Conc: 68.47 ng/ml



#38 AR-1262-3

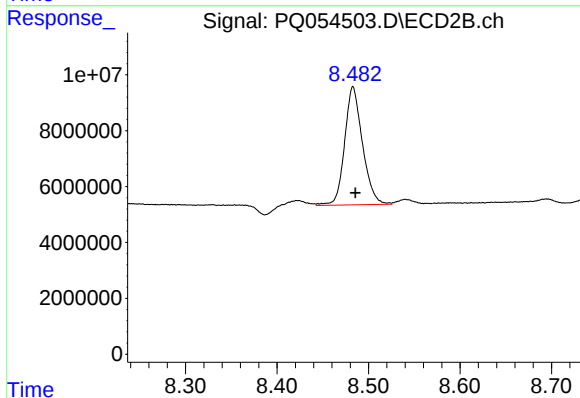
R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: -222093
Conc: N.D.



#39 AR-1262-4

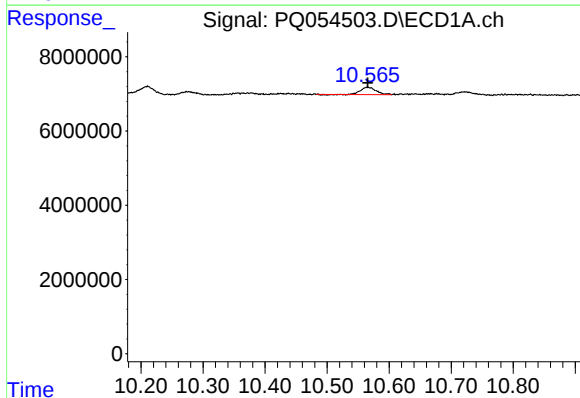
R.T.: 9.835 min
Delta R.T.: -0.018 min
Response: 14122264
Conc: 25.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



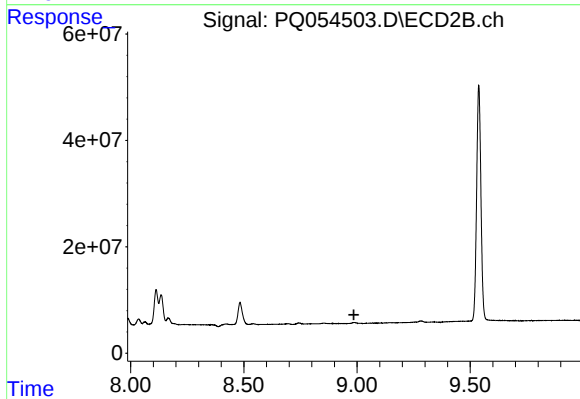
#39 AR-1262-4

R.T.: 8.483 min
Delta R.T.: -0.003 min
Response: 57171324
Conc: 37.59 ng/ml



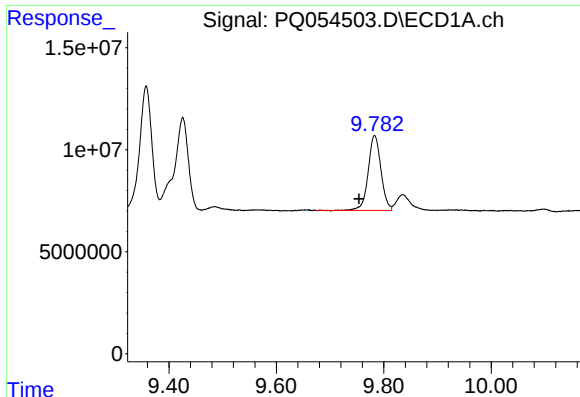
#40 AR-1262-5

R.T.: 10.565 min
Delta R.T.: 0.000 min
Response: 3384782
Conc: 4.40 ng/ml



#40 AR-1262-5

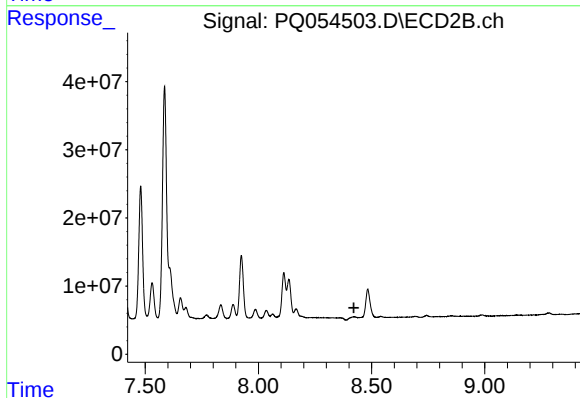
R.T.: 0.000 min
Exp R.T.: 8.986 min
Response: 0
Conc: N.D.



#41 AR-1268-1

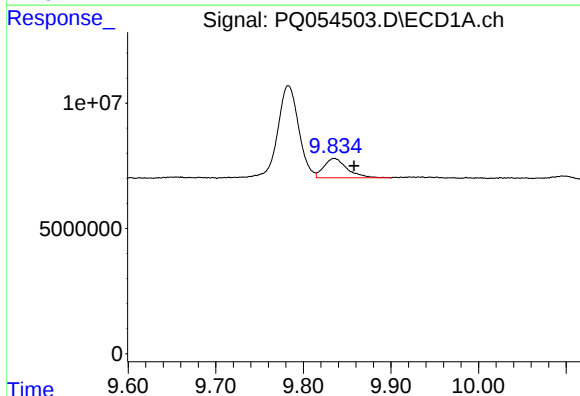
R.T.: 9.783 min
Delta R.T.: 0.029 min
Response: 60990305
Conc: 24.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



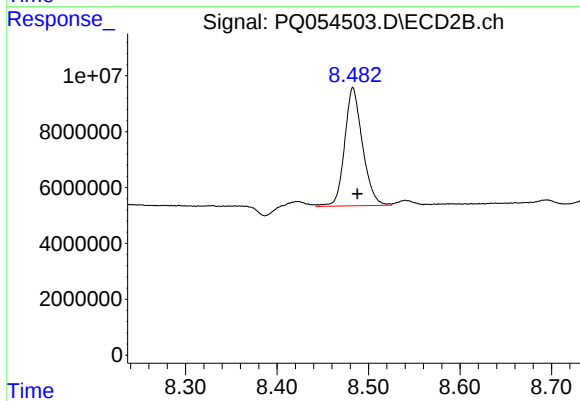
#41 AR-1268-1

R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: -222093
Conc: N.D.



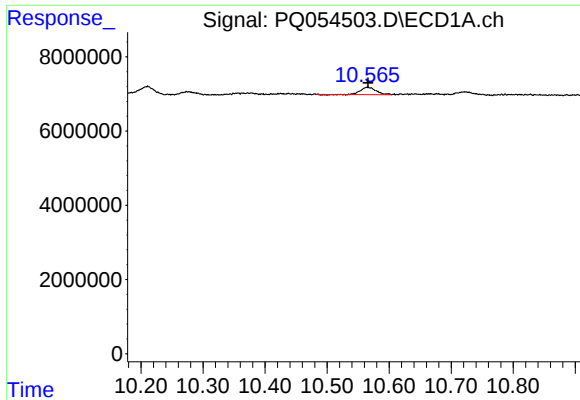
#42 AR-1268-2

R.T.: 9.835 min
Delta R.T.: -0.023 min
Response: 14122264
Conc: 6.17 ng/ml



#42 AR-1268-2

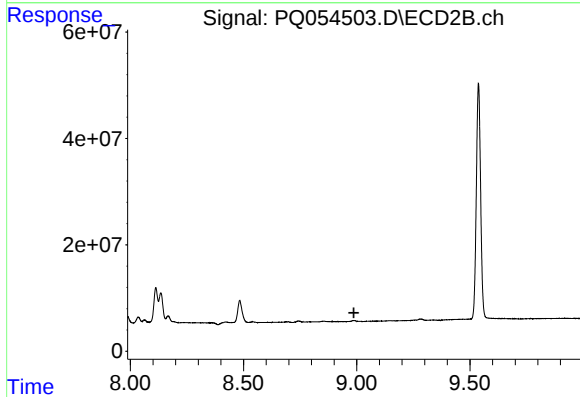
R.T.: 8.483 min
Delta R.T.: -0.005 min
Response: 57171324
Conc: 24.82 ng/ml



#44 AR-1268-4

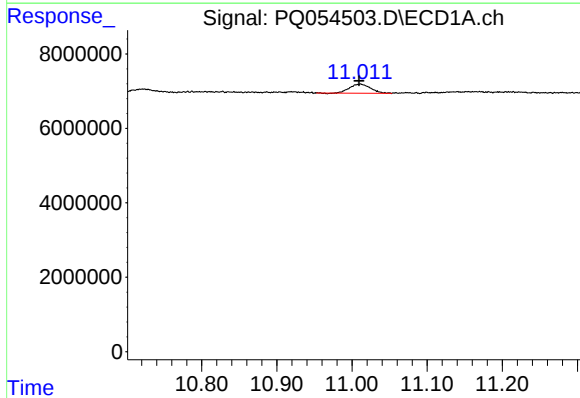
R.T.: 10.565 min
Delta R.T.: 0.000 min
Response: 3384782
Conc: 3.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



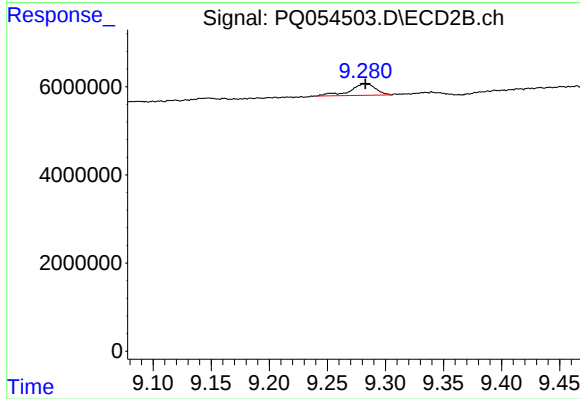
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.987 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.011 min
Delta R.T.: 0.002 min
Response: 4792677
Conc: 0.76 ng/ml



#45 AR-1268-5

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 4044606
Conc: 0.70 ng/ml