

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082924\
 Data File : PQ068349.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2024 17:32
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 02:15:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 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...	3.436	2.821	136.4E6	127.2E6	17.264	17.967
2)	SA Decachlor...	8.607	7.600	72684105	111.6E6	31.957	33.003
Target Compounds							
3)	L1 AR-1016-1	4.537	3.827	80811650	76967861	357.552	351.787
4)	L1 AR-1016-2	4.556	3.843	120.0E6	116.7E6	341.080	356.361
5)	L1 AR-1016-3	4.614	4.004	73057501	61225253	335.676	349.051
6)	L1 AR-1016-4	4.706	4.052	59622192	49132595	329.630	336.984
7)	L1 AR-1016-5	4.993	4.249	57483260	63223668	330.755	343.303
8)	L2 AR-1221-1	3.634	3.021	7329252	8724737	79.821	102.112 #
9)	L2 AR-1221-2	3.716	3.098	10022410	10867492	156.989	182.314
10)	L2 AR-1221-3	3.785	3.167	43427054	43818244	210.276	226.805
11)	L3 AR-1232-1	3.785	3.167	43427054	43818244	263.076	287.982
12)	L3 AR-1232-2	4.279	3.843	72600634	116.7E6	799.323	752.507
13)	L3 AR-1232-3	4.556	4.004	120.0E6	61225253	709.856	752.952
14)	L3 AR-1232-4	4.706	4.090	59622192	55102972	690.065	788.865
15)	L3 AR-1232-5	4.802	4.249	43365145	63223668	767.915	804.331
16)	L4 AR-1242-1	4.537	3.827	80811650	76967861	395.356	397.825
17)	L4 AR-1242-2	4.556	3.843	120.0E6	116.7E6	383.657	401.541
18)	L4 AR-1242-3	4.614	4.004	73057501	61225253	373.399	395.269
19)	L4 AR-1242-4	4.706	4.090	59622192	55102972	368.900	376.607
20)	L4 AR-1242-5	5.422	4.587	14662953	61818341	86.727	319.788 #
21)	L5 AR-1248-1	4.537	3.827	80811650	76967861	524.893	539.527
22)	L5 AR-1248-2	4.802	4.052	43365145	49132595	206.360	222.135
23)	L5 AR-1248-3	4.993	4.090	57483260	55102972	227.830	256.604
24)	L5 AR-1248-4	5.386	4.249	18458402	63223668	65.645	239.400 #
25)	L5 AR-1248-5	5.422	4.625	14662953	15684038	51.944	59.284
26)	L6 AR-1254-1	5.358	4.587	50757314	61818341	183.472	157.330
27)	L6 AR-1254-2	5.575	4.734	50904854	42948598	119.208	125.158
28)	L6 AR-1254-3	5.929	5.136	38039133	82766743	84.693	152.909 #
29)	L6 AR-1254-4	6.211	5.344	27369988	5831076	85.609	17.287 #
30)	L6 AR-1254-5	6.624	5.749	141.3E6	167.9E6	407.623	344.565
31)	L7 AR-1260-1	6.093	5.246	140.2E6	123.2E6	424.699	338.839
32)	L7 AR-1260-2	6.351	5.436	121.2E6	149.1E6	321.599	339.676
33)	L7 AR-1260-3	6.705	5.578	102.5E6	141.1E6	370.598	327.441
34)	L7 AR-1260-4	6.922	6.040	132.5E6	116.6E6	433.881	343.387
35)	L7 AR-1260-5	7.232	6.285	198.2E6	278.3E6	339.666	350.701
36)	L8 AR-1262-1	6.705	5.792	102.5E6	121.9E6	242.520	236.847
37)	L8 AR-1262-2	7.232	6.285	198.2E6	278.3E6	290.252	309.108
38)	L8 AR-1262-3	7.509	6.563	120.0E6	55560608	271.132	161.761 #
39)	L8 AR-1262-4	7.579	6.622	77375913	194.9E6	225.849	294.623 #
40)	L8 AR-1262-5	8.083	7.116	49236087	66751171	234.430	213.564
41)	L9 AR-1268-1	7.509	6.563	120.0E6	55560608	156.199	55.775 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082924\
 Data File : PQ068349.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2024 17:32
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

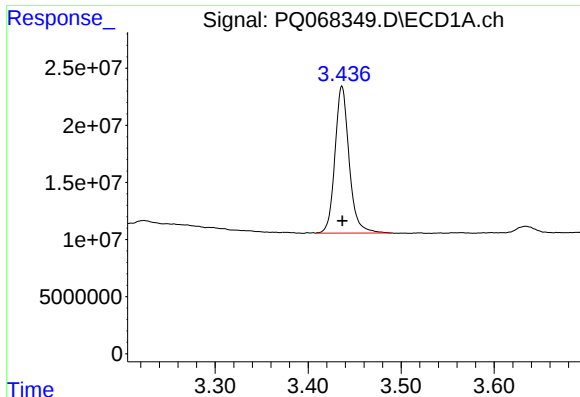
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 02:15:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
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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	7.579	6.622	77375913	194.9E6	107.824	208.954 #
43) L9	AR-1268-3	7.764	6.834	5325041	1035956	9.216	1.270 #
44) L9	AR-1268-4	8.083	7.116	49236087	66751171	213.657	190.101
45) L9	AR-1268-5	8.374	7.384	20529542	19913869	12.627	8.242 #

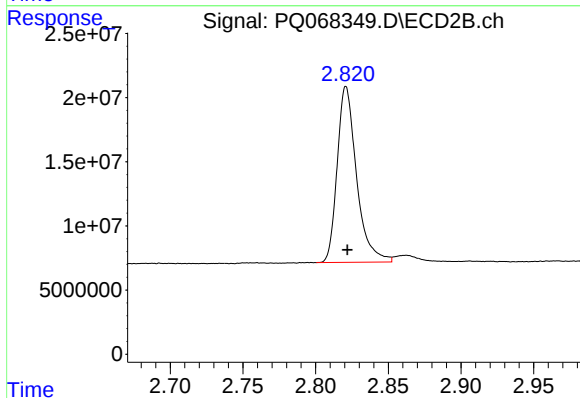
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

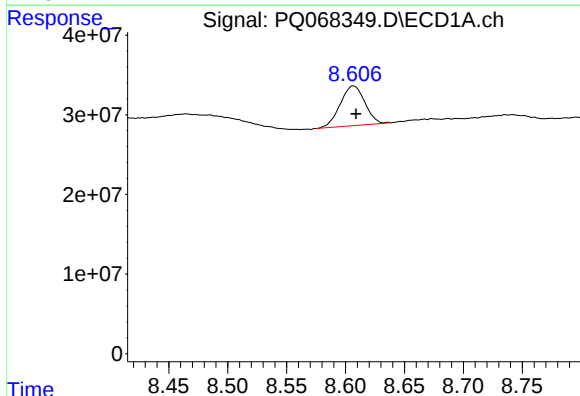
R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 136397722
Conc: 17.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



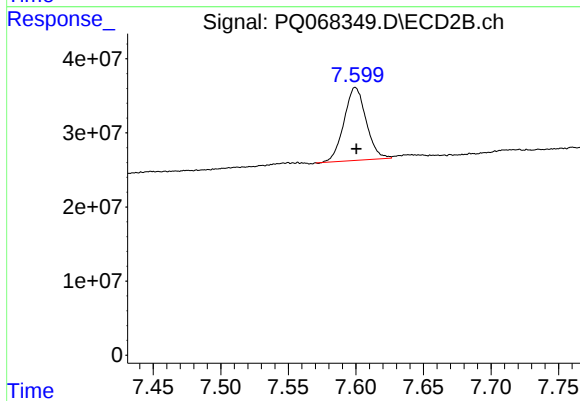
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 127249085
Conc: 17.97 ng/ml



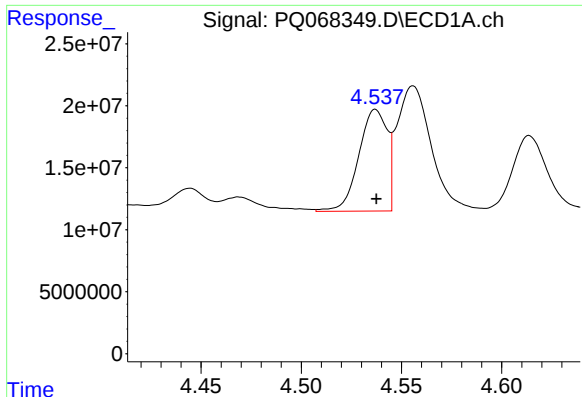
#2 Decachlorobiphenyl

R.T.: 8.607 min
Delta R.T.: -0.002 min
Response: 72684105
Conc: 31.96 ng/ml



#2 Decachlorobiphenyl

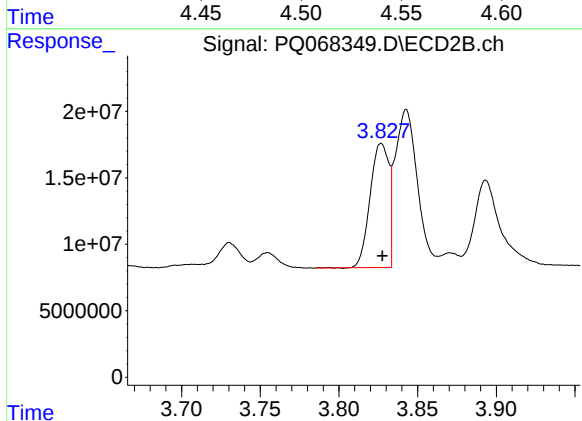
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 111618879
Conc: 33.00 ng/ml



#3 AR-1016-1

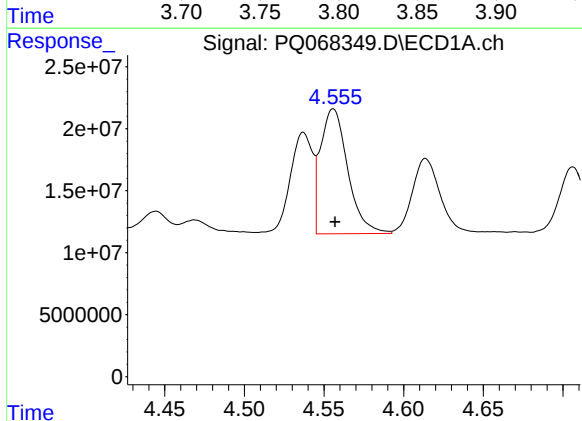
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 80811650
Conc: 357.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



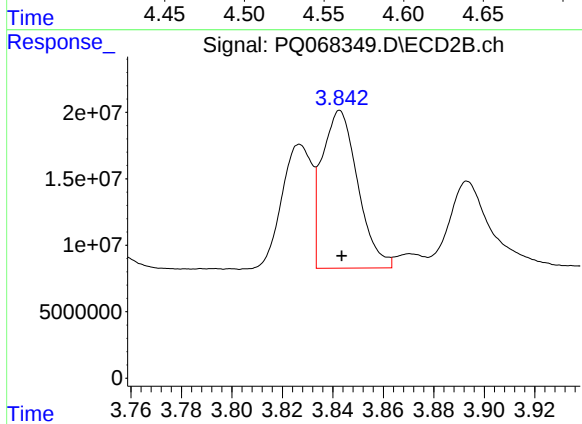
#3 AR-1016-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 76967861
Conc: 351.79 ng/ml



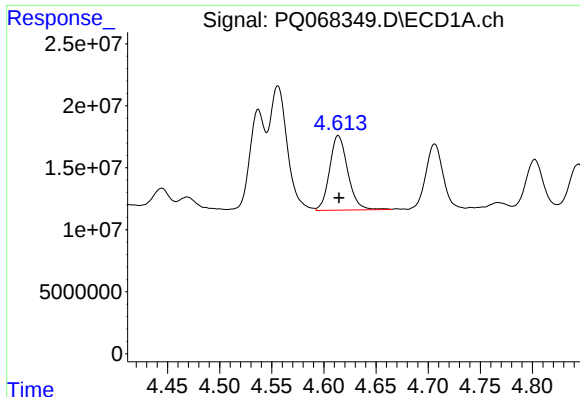
#4 AR-1016-2

R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 120047200
Conc: 341.08 ng/ml



#4 AR-1016-2

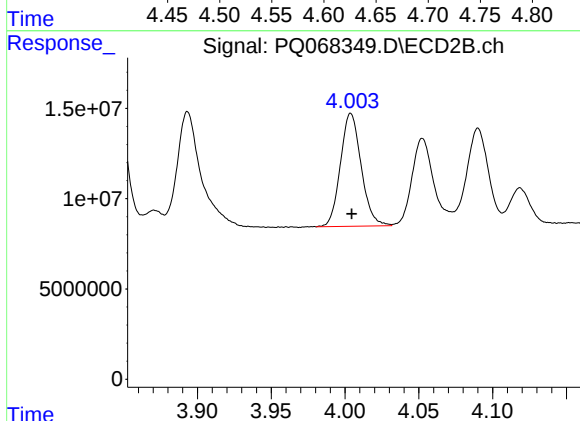
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 116697352
Conc: 356.36 ng/ml



#5 AR-1016-3

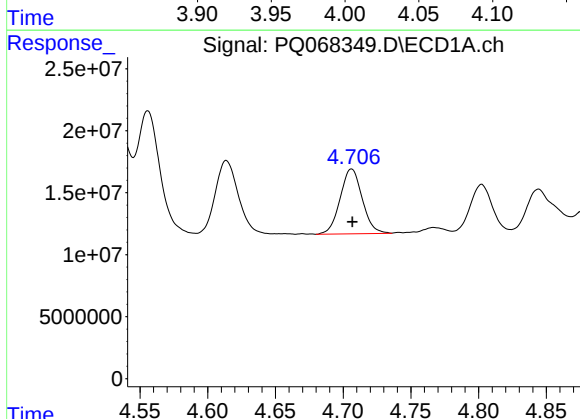
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 73057501
Conc: 335.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



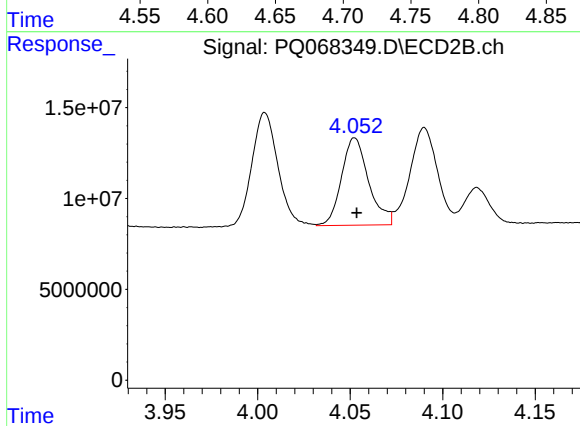
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 61225253
Conc: 349.05 ng/ml



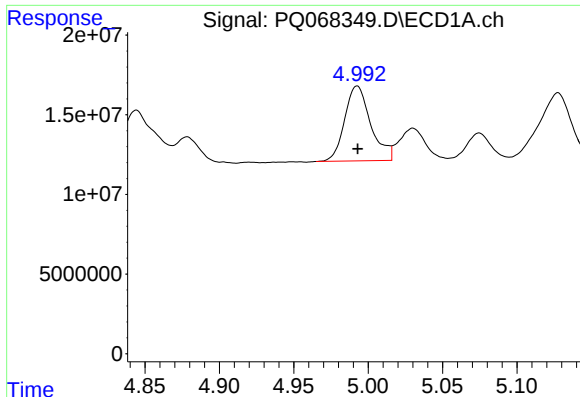
#6 AR-1016-4

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 59622192
Conc: 329.63 ng/ml



#6 AR-1016-4

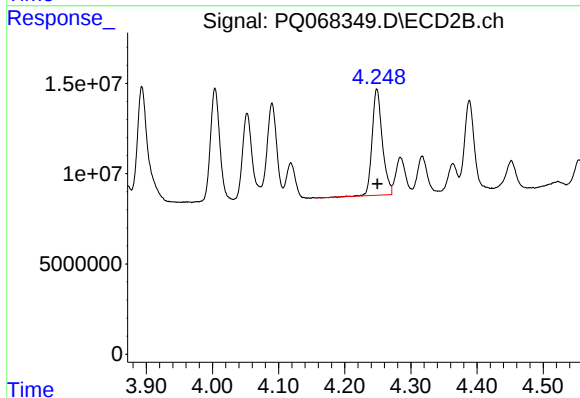
R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 49132595
Conc: 336.98 ng/ml



#7 AR-1016-5

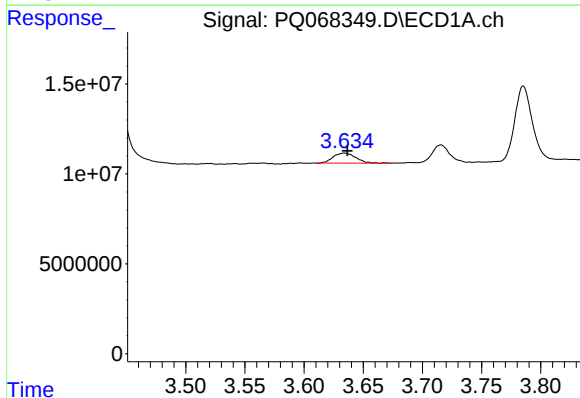
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 57483260
Conc: 330.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



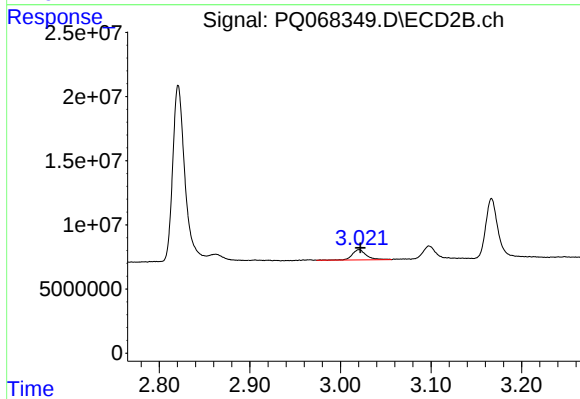
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 63223668
Conc: 343.30 ng/ml



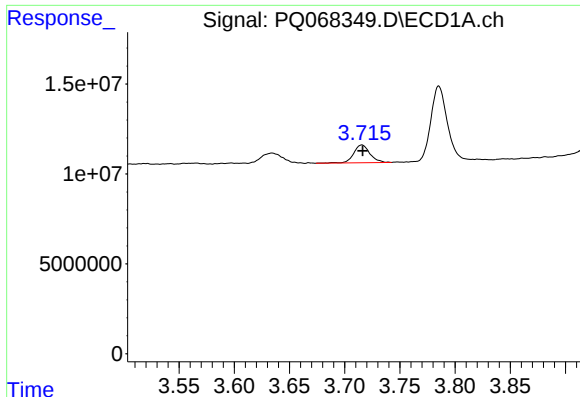
#8 AR-1221-1

R.T.: 3.634 min
Delta R.T.: -0.003 min
Response: 7329252
Conc: 79.82 ng/ml



#8 AR-1221-1

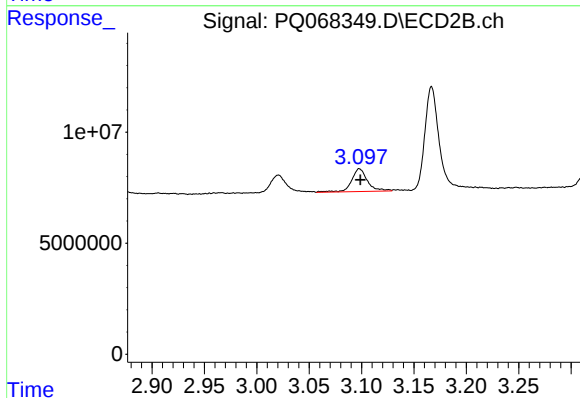
R.T.: 3.021 min
Delta R.T.: -0.001 min
Response: 8724737
Conc: 102.11 ng/ml



#9 AR-1221-2

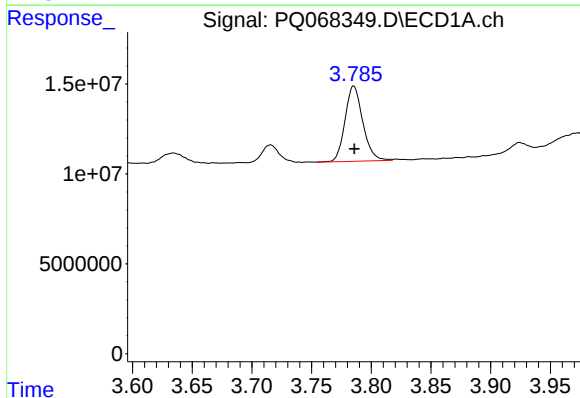
R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 10022410
Conc: 156.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



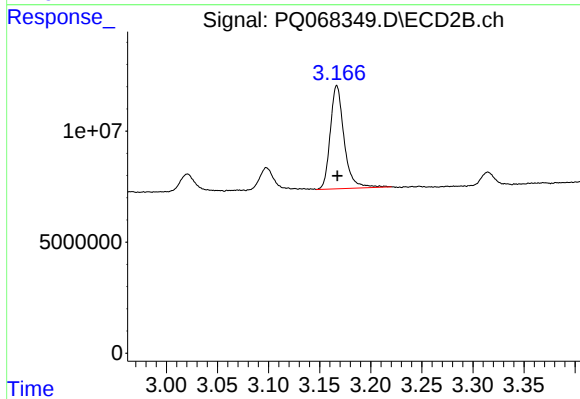
#9 AR-1221-2

R.T.: 3.098 min
Delta R.T.: 0.000 min
Response: 10867492
Conc: 182.31 ng/ml



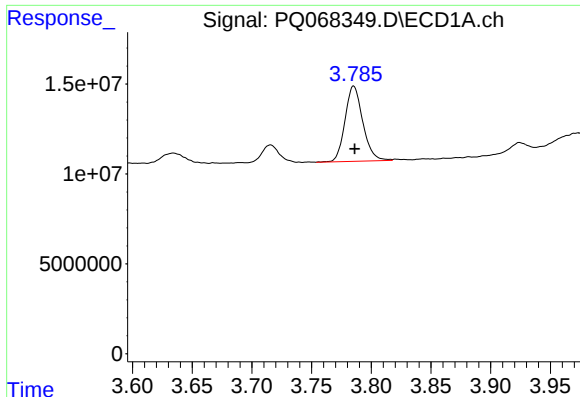
#10 AR-1221-3

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 43427054
Conc: 210.28 ng/ml



#10 AR-1221-3

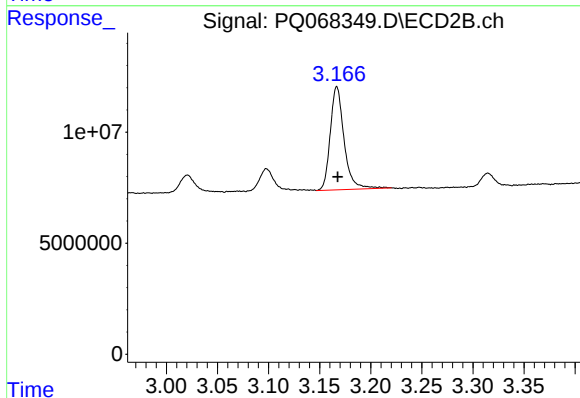
R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 43818244
Conc: 226.81 ng/ml



#11 AR-1232-1

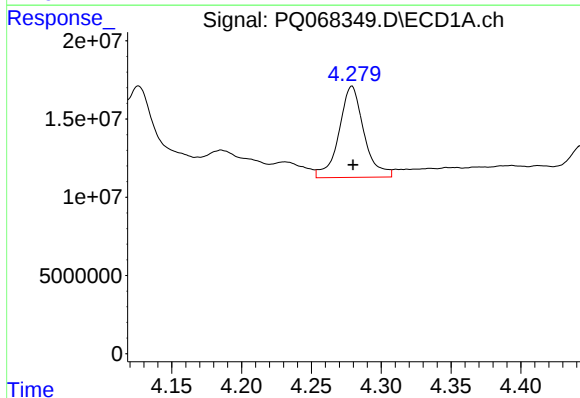
R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 43427054
Conc: 263.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



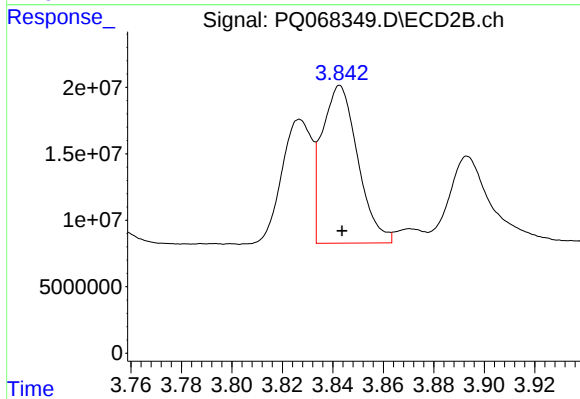
#11 AR-1232-1

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 43818244
Conc: 287.98 ng/ml



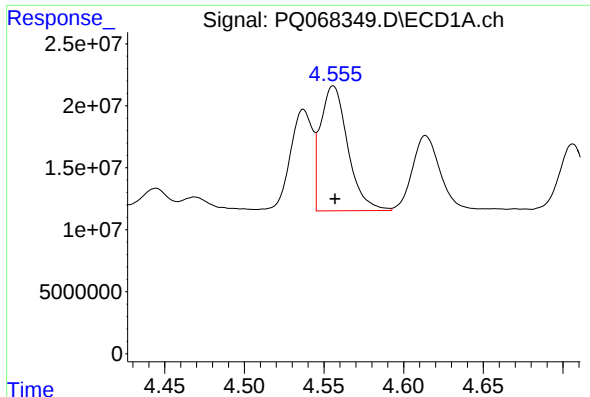
#12 AR-1232-2

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 72600634
Conc: 799.32 ng/ml



#12 AR-1232-2

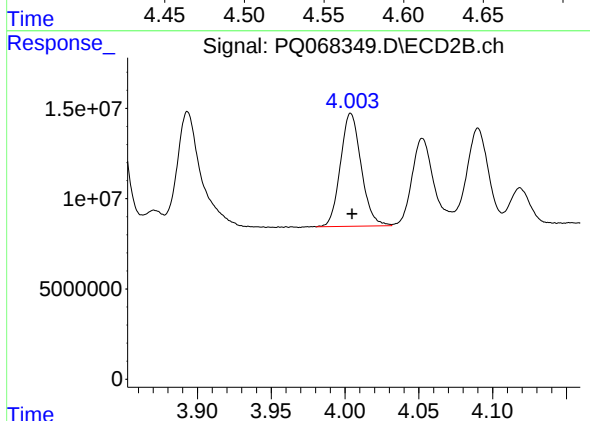
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 116697352
Conc: 752.51 ng/ml



#13 AR-1232-3

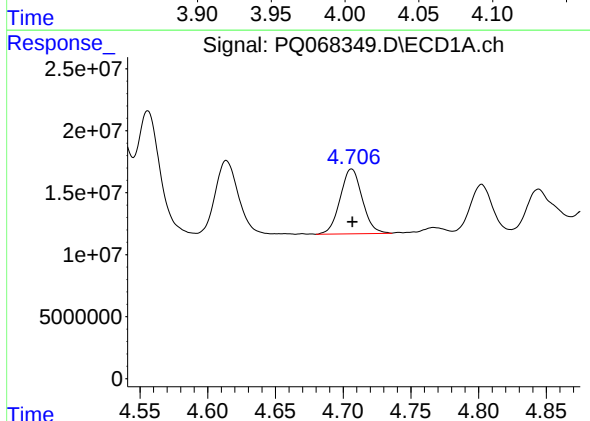
R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 120047200
Conc: 709.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



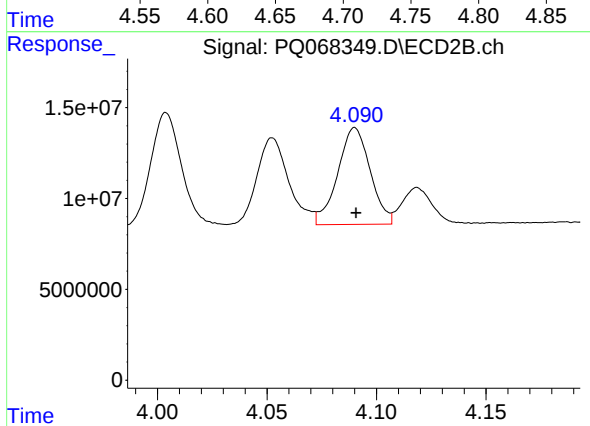
#13 AR-1232-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 61225253
Conc: 752.95 ng/ml



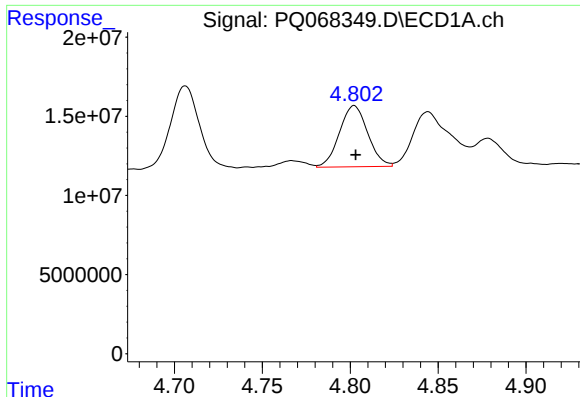
#14 AR-1232-4

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 59622192
Conc: 690.06 ng/ml



#14 AR-1232-4

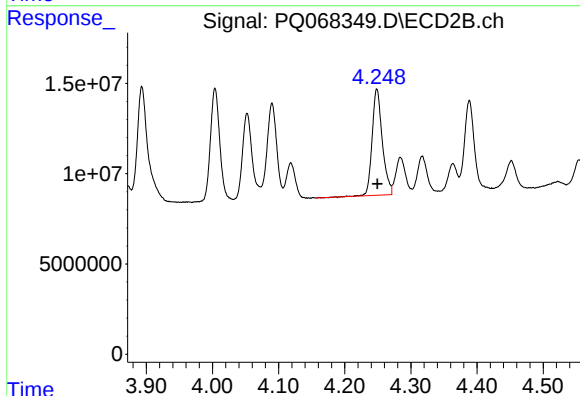
R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 55102972
Conc: 788.87 ng/ml



#15 AR-1232-5

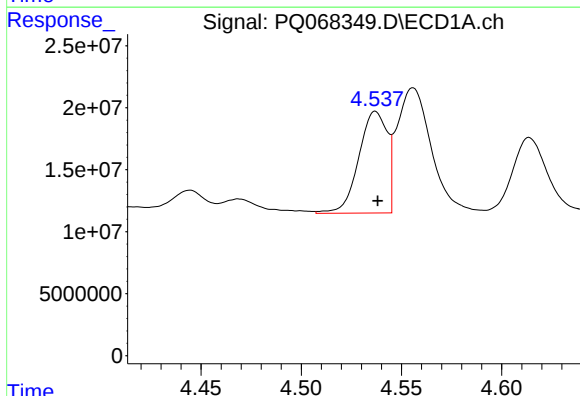
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 43365145
Conc: 767.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



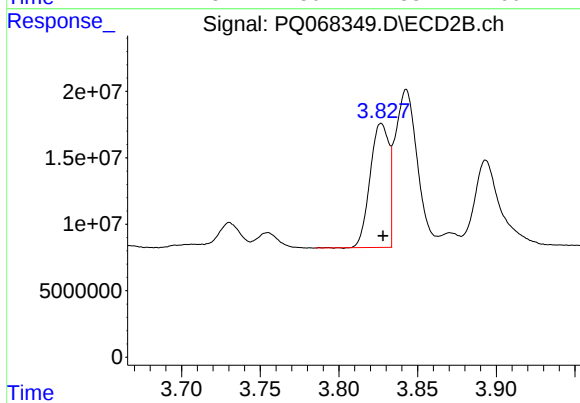
#15 AR-1232-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 63223668
Conc: 804.33 ng/ml



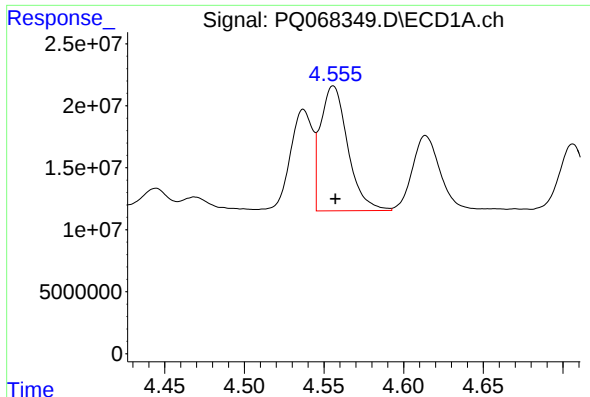
#16 AR-1242-1

R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 80811650
Conc: 395.36 ng/ml



#16 AR-1242-1

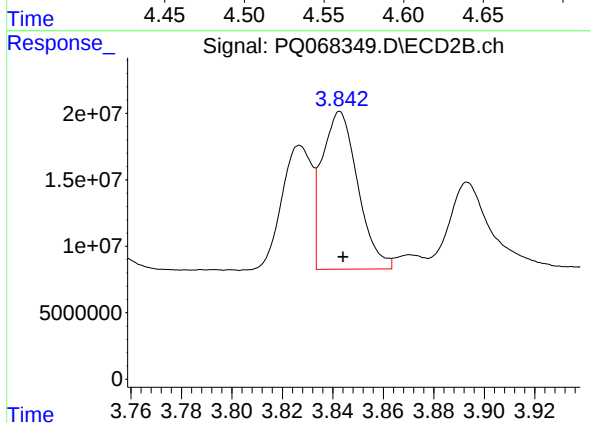
R.T.: 3.827 min
Delta R.T.: -0.001 min
Response: 76967861
Conc: 397.83 ng/ml



#17 AR-1242-2

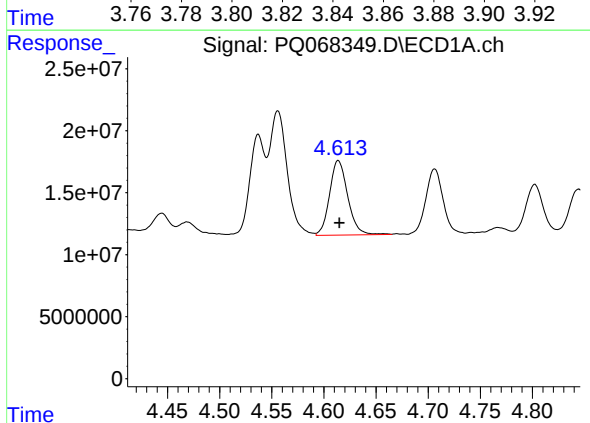
R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 120047200
Conc: 383.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



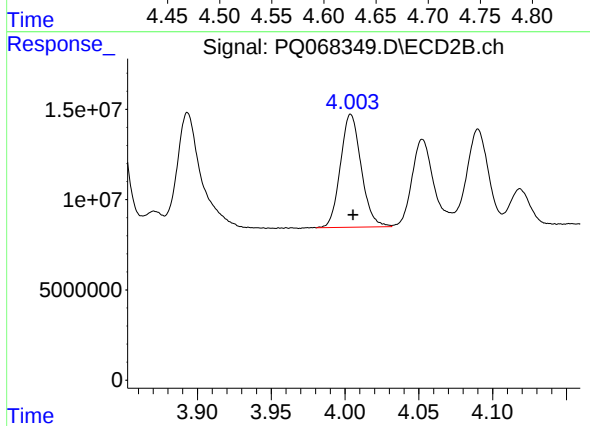
#17 AR-1242-2

R.T.: 3.843 min
Delta R.T.: -0.001 min
Response: 116697352
Conc: 401.54 ng/ml



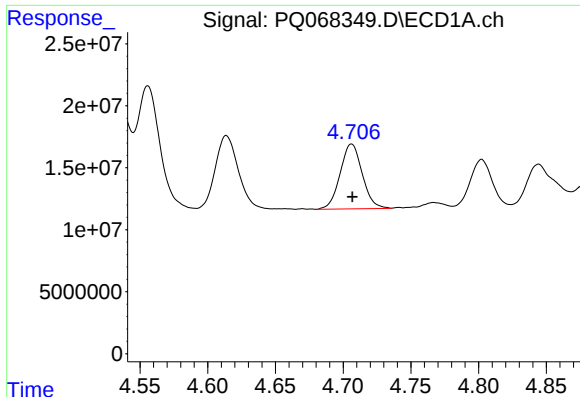
#18 AR-1242-3

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 73057501
Conc: 373.40 ng/ml



#18 AR-1242-3

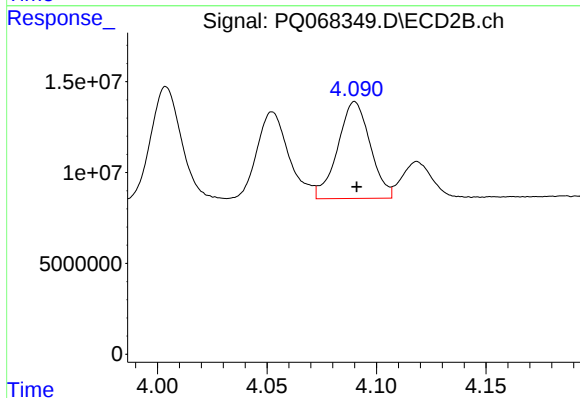
R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 61225253
Conc: 395.27 ng/ml



#19 AR-1242-4

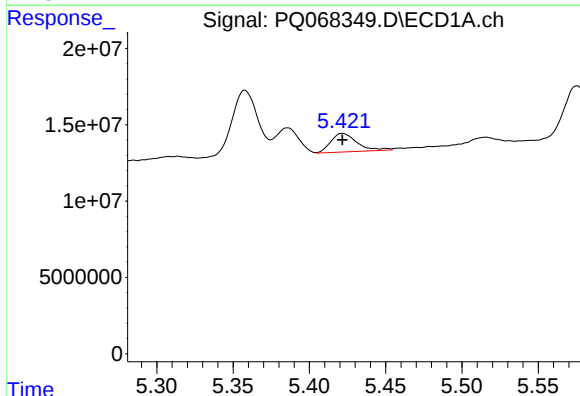
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 59622192
Conc: 368.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



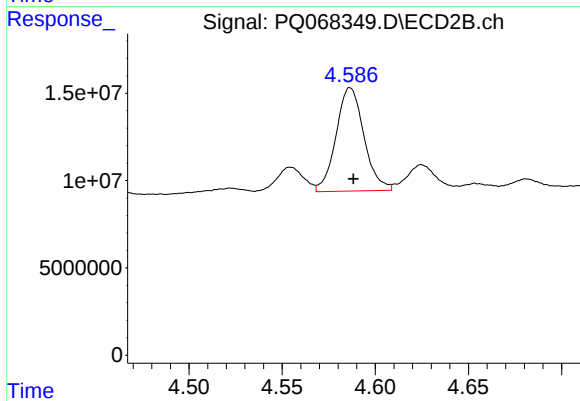
#19 AR-1242-4

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 55102972
Conc: 376.61 ng/ml



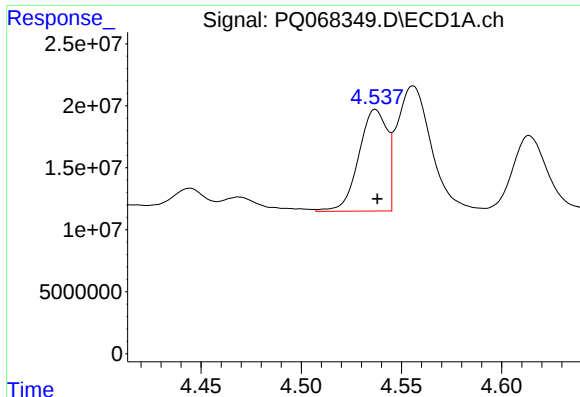
#20 AR-1242-5

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 14662953
Conc: 86.73 ng/ml



#20 AR-1242-5

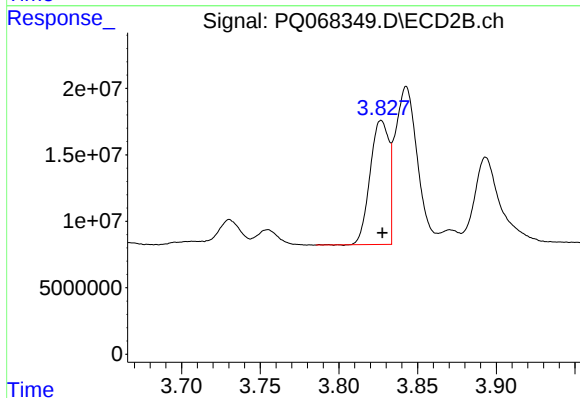
R.T.: 4.587 min
Delta R.T.: -0.002 min
Response: 61818341
Conc: 319.79 ng/ml



#21 AR-1248-1

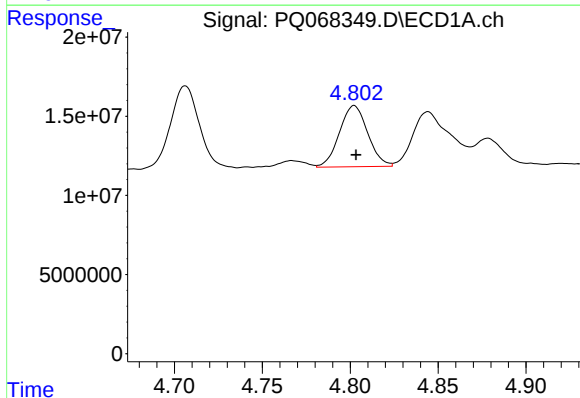
R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 80811650
Conc: 524.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



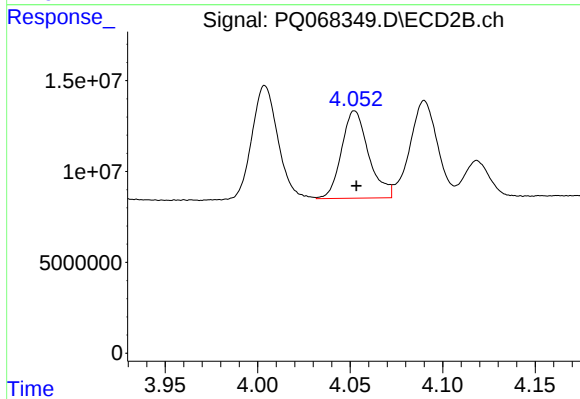
#21 AR-1248-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 76967861
Conc: 539.53 ng/ml



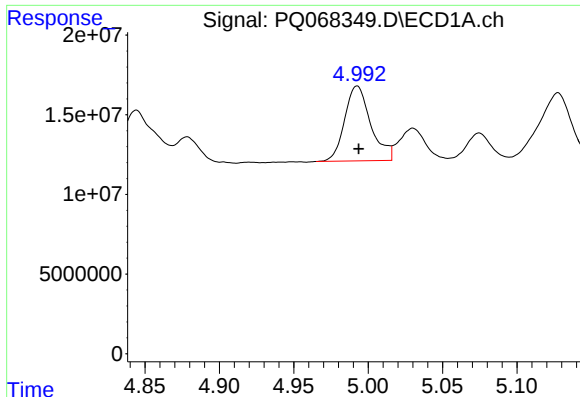
#22 AR-1248-2

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 43365145
Conc: 206.36 ng/ml



#22 AR-1248-2

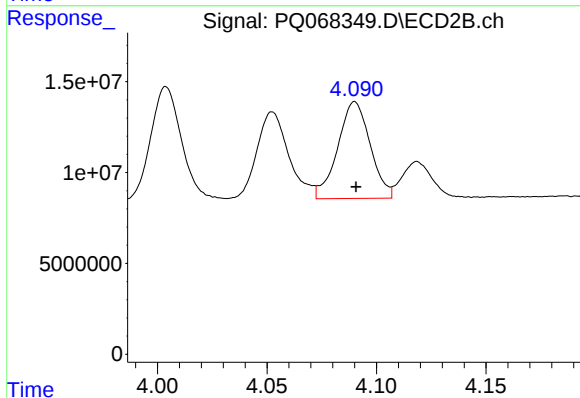
R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 49132595
Conc: 222.13 ng/ml



#23 AR-1248-3

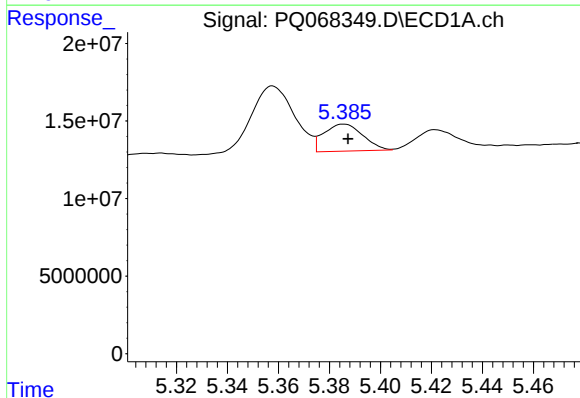
R.T.: 4.993 min
Delta R.T.: -0.001 min
Response: 57483260
Conc: 227.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



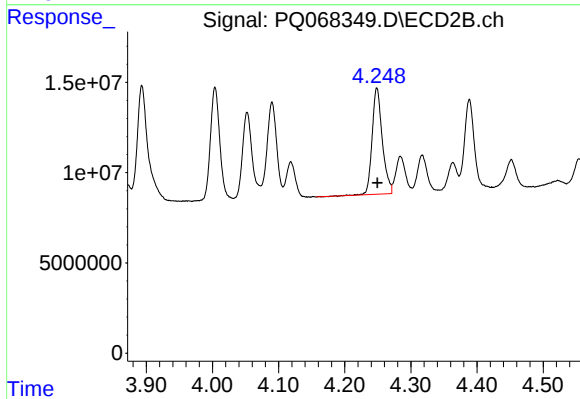
#23 AR-1248-3

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 55102972
Conc: 256.60 ng/ml



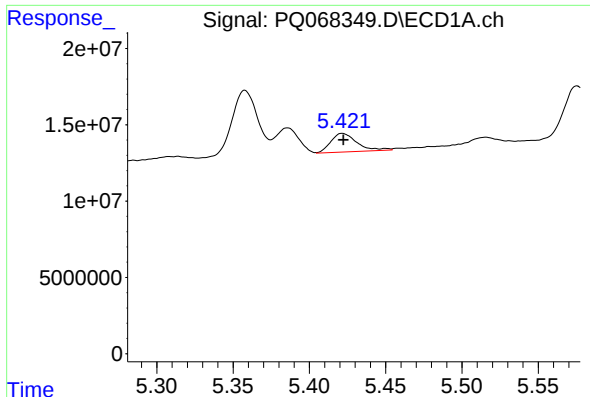
#24 AR-1248-4

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 18458402
Conc: 65.64 ng/ml



#24 AR-1248-4

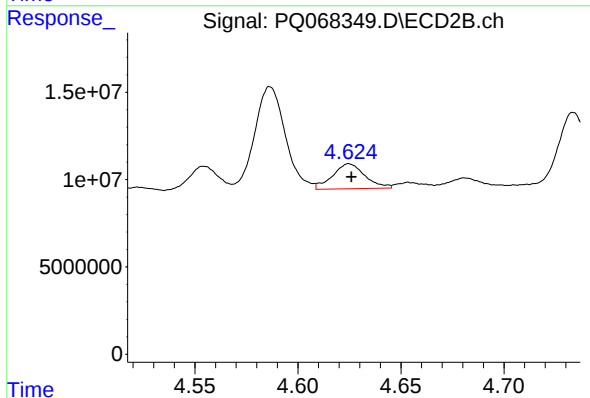
R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 63223668
Conc: 239.40 ng/ml



#25 AR-1248-5

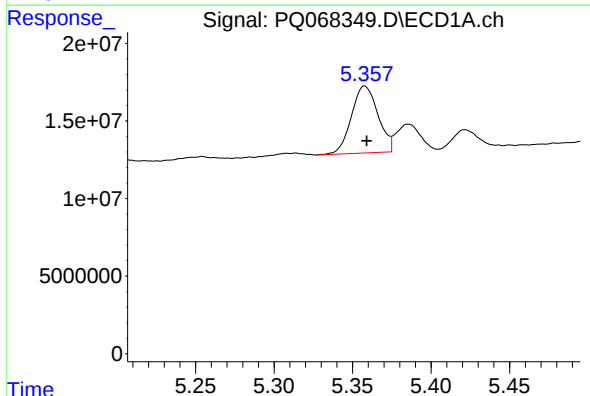
R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 14662953
Conc: 51.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



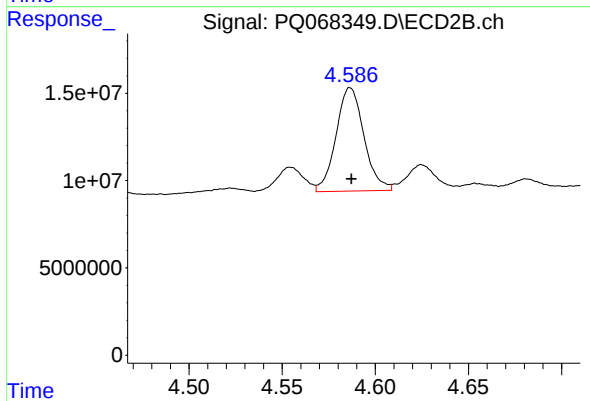
#25 AR-1248-5

R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 15684038
Conc: 59.28 ng/ml



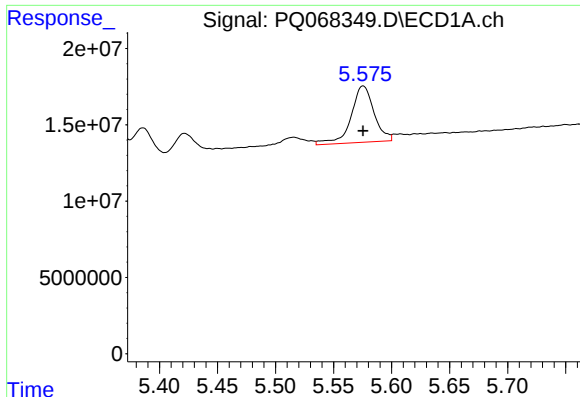
#26 AR-1254-1

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 50757314
Conc: 183.47 ng/ml



#26 AR-1254-1

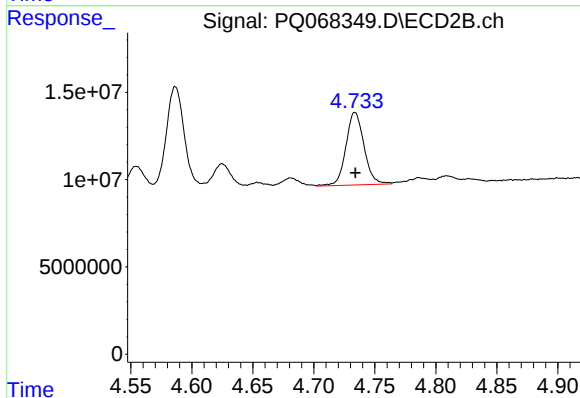
R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 61818341
Conc: 157.33 ng/ml



#27 AR-1254-2

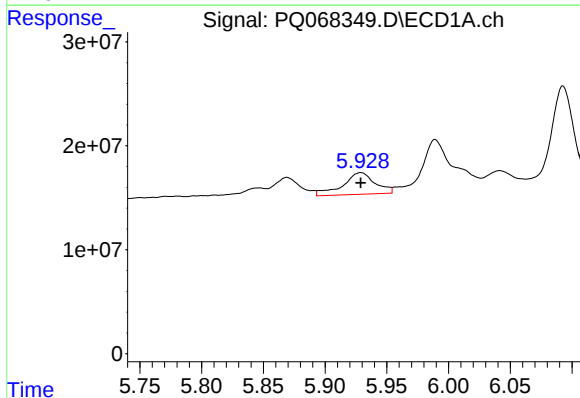
R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 50904854
Conc: 119.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



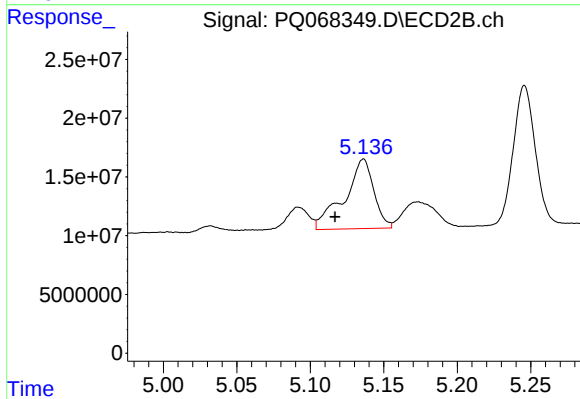
#27 AR-1254-2

R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 42948598
Conc: 125.16 ng/ml



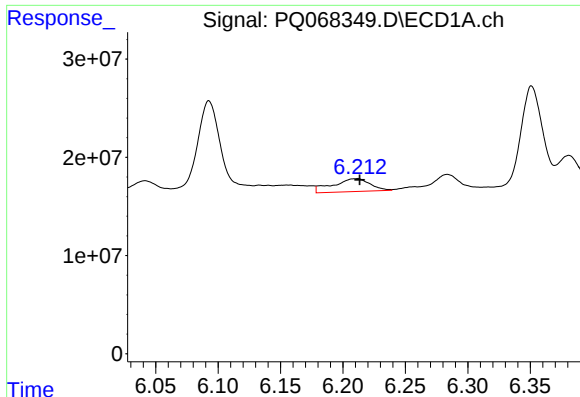
#28 AR-1254-3

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 38039133
Conc: 84.69 ng/ml



#28 AR-1254-3

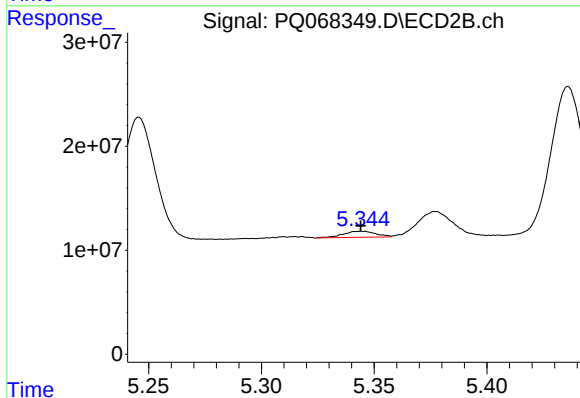
R.T.: 5.136 min
Delta R.T.: 0.019 min
Response: 82766743
Conc: 152.91 ng/ml



#29 AR-1254-4

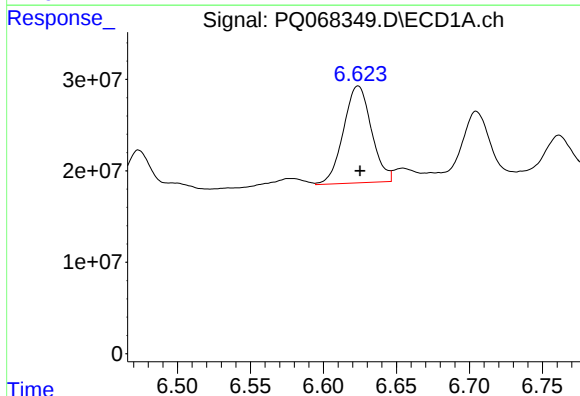
R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 27369988
Conc: 85.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



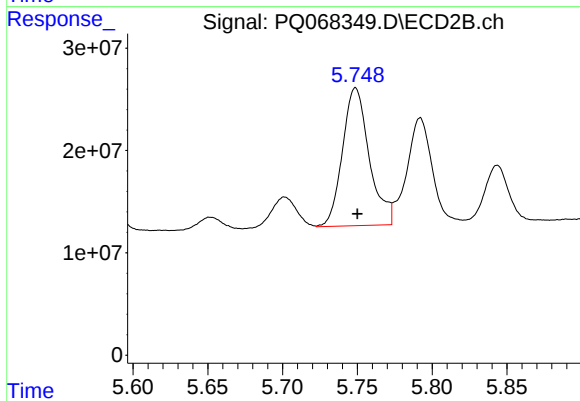
#29 AR-1254-4

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 5831076
Conc: 17.29 ng/ml



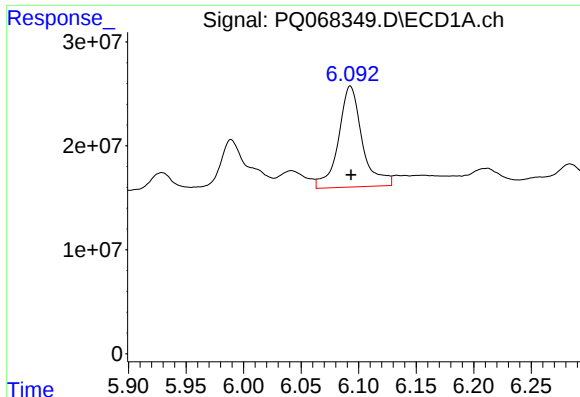
#30 AR-1254-5

R.T.: 6.624 min
Delta R.T.: -0.001 min
Response: 141331038
Conc: 407.62 ng/ml



#30 AR-1254-5

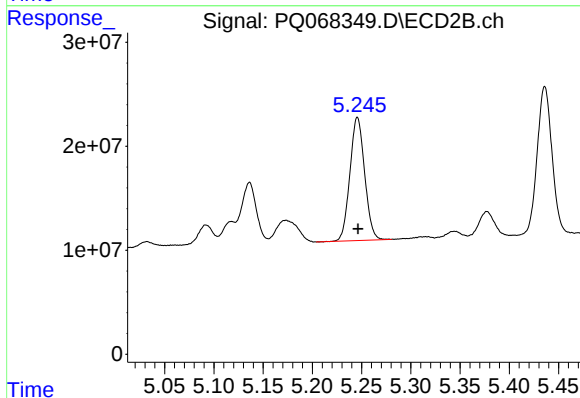
R.T.: 5.749 min
Delta R.T.: -0.001 min
Response: 167886343
Conc: 344.57 ng/ml



#31 AR-1260-1

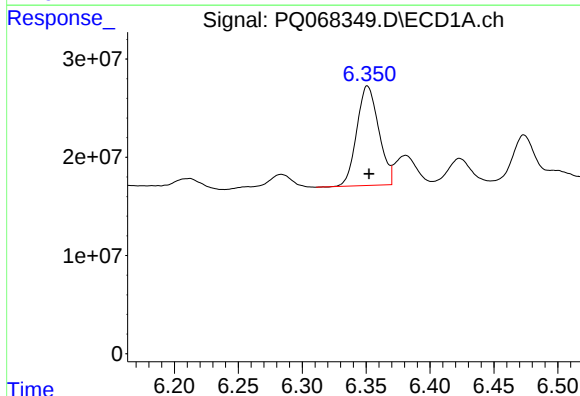
R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 140151576
Conc: 424.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



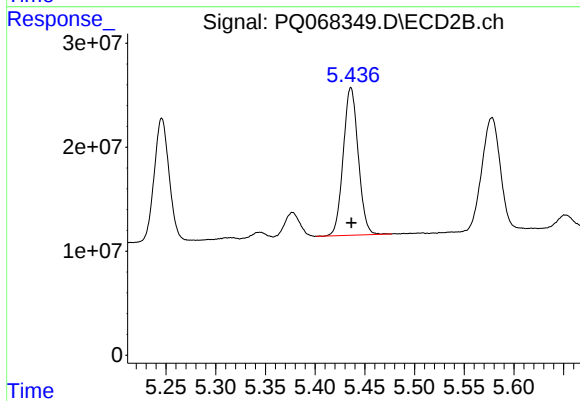
#31 AR-1260-1

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 123236557
Conc: 338.84 ng/ml



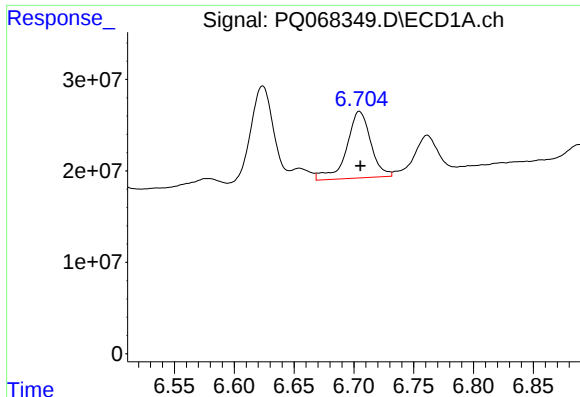
#32 AR-1260-2

R.T.: 6.351 min
Delta R.T.: -0.001 min
Response: 121181091
Conc: 321.60 ng/ml



#32 AR-1260-2

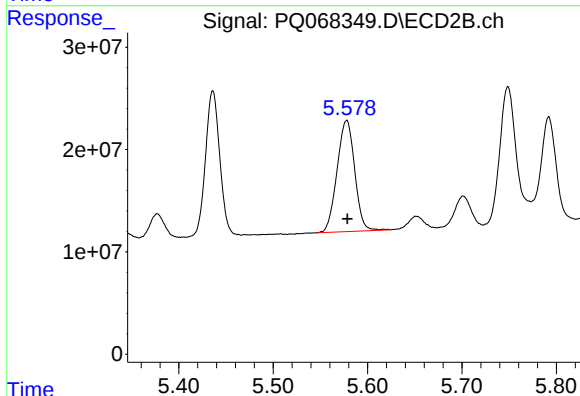
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 149089495
Conc: 339.68 ng/ml



#33 AR-1260-3

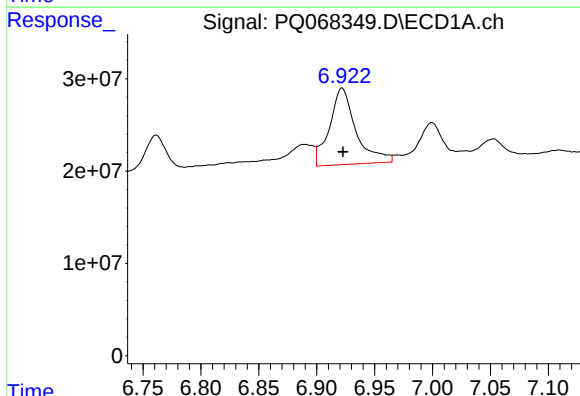
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 102478757
Conc: 370.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



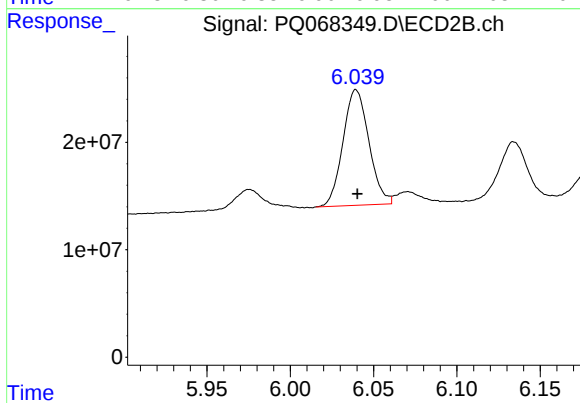
#33 AR-1260-3

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 141133515
Conc: 327.44 ng/ml



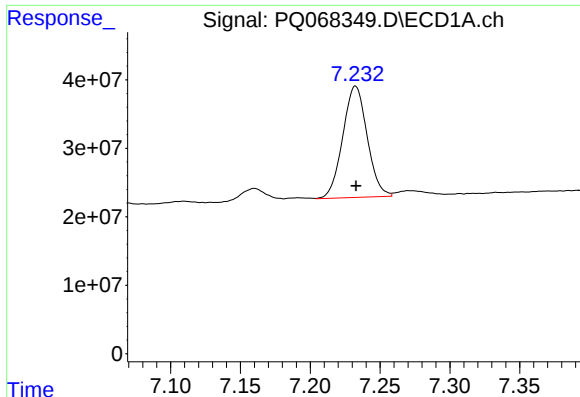
#34 AR-1260-4

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 132471737
Conc: 433.88 ng/ml



#34 AR-1260-4

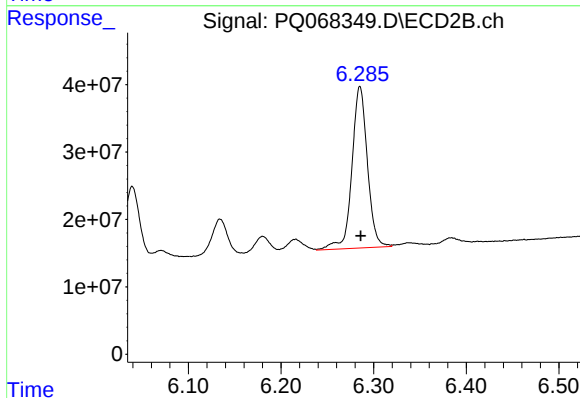
R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 116610324
Conc: 343.39 ng/ml



#35 AR-1260-5

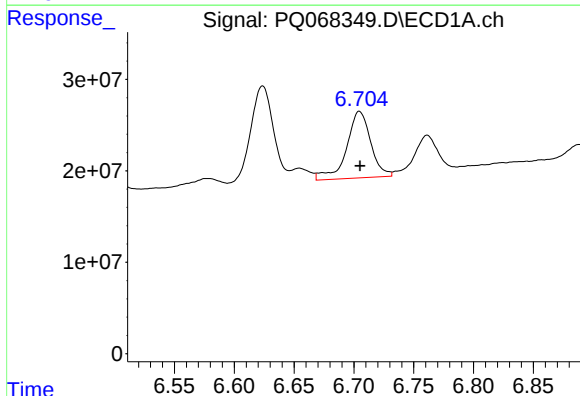
R.T.: 7.232 min
Delta R.T.: 0.000 min
Response: 198236156
Conc: 339.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



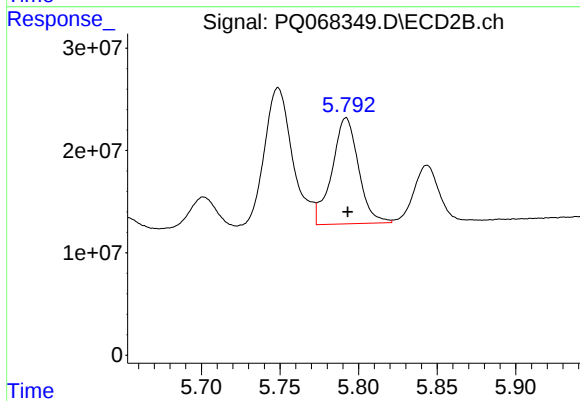
#35 AR-1260-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 278334863
Conc: 350.70 ng/ml



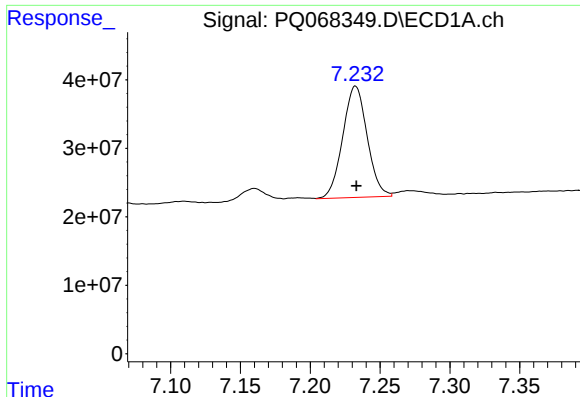
#36 AR-1262-1

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 102478757
Conc: 242.52 ng/ml



#36 AR-1262-1

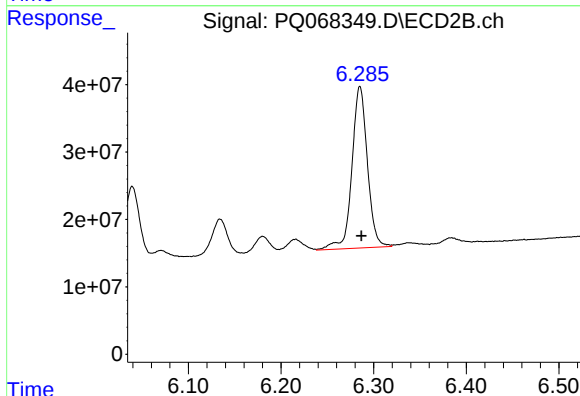
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 121865916
Conc: 236.85 ng/ml



#37 AR-1262-2

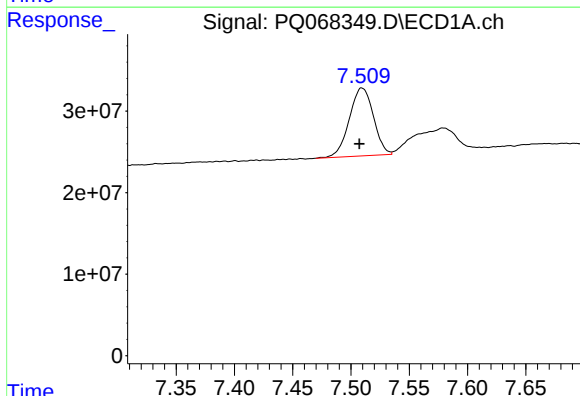
R.T.: 7.232 min
Delta R.T.: 0.000 min
Response: 198236156
Conc: 290.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



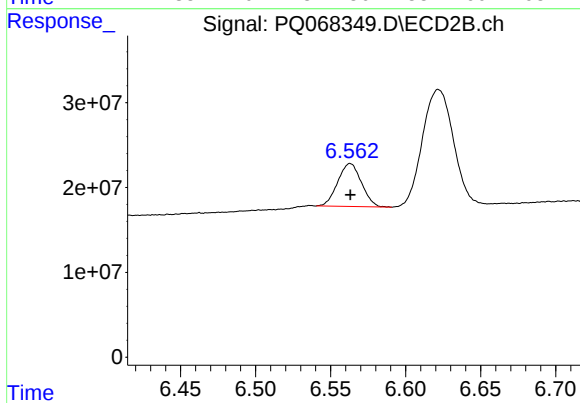
#37 AR-1262-2

R.T.: 6.285 min
Delta R.T.: -0.001 min
Response: 278334863
Conc: 309.11 ng/ml



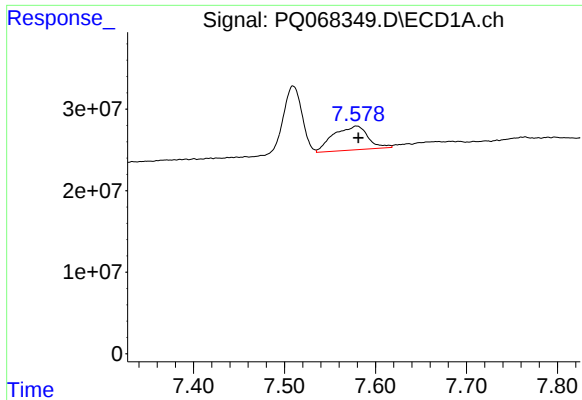
#38 AR-1262-3

R.T.: 7.509 min
Delta R.T.: 0.002 min
Response: 120013838
Conc: 271.13 ng/ml



#38 AR-1262-3

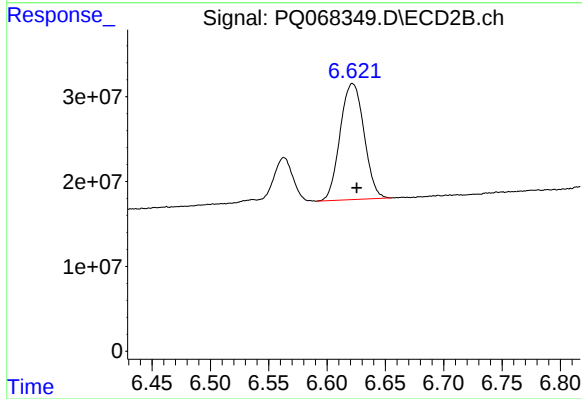
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 55560608
Conc: 161.76 ng/ml



#39 AR-1262-4

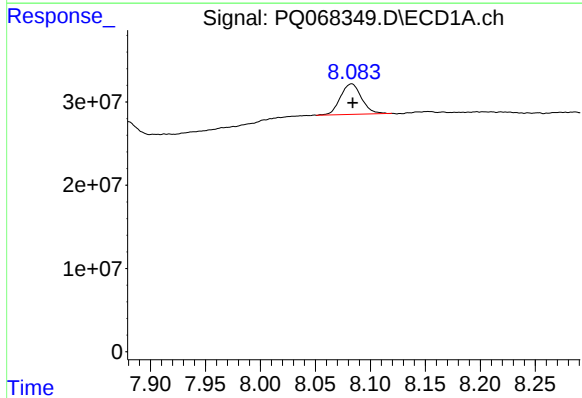
R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 77375913
Conc: 225.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



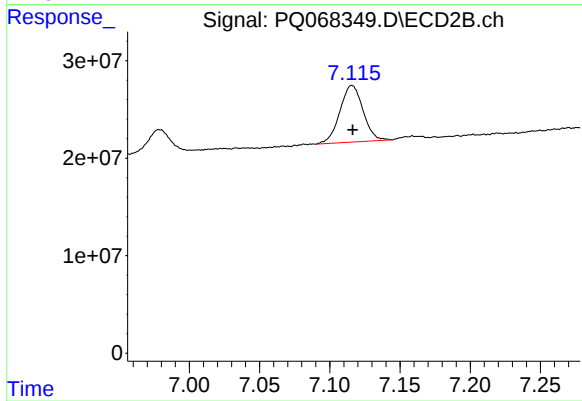
#39 AR-1262-4

R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 194941011
Conc: 294.62 ng/ml



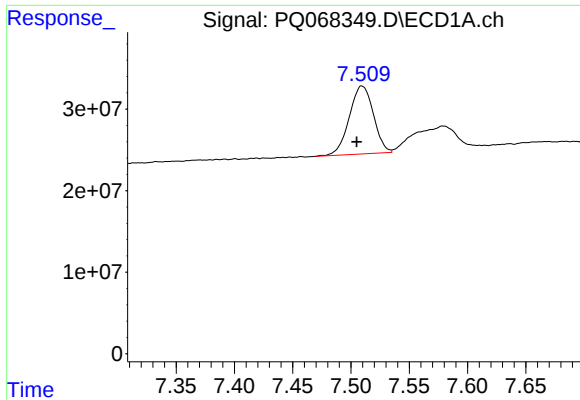
#40 AR-1262-5

R.T.: 8.083 min
Delta R.T.: -0.001 min
Response: 49236087
Conc: 234.43 ng/ml



#40 AR-1262-5

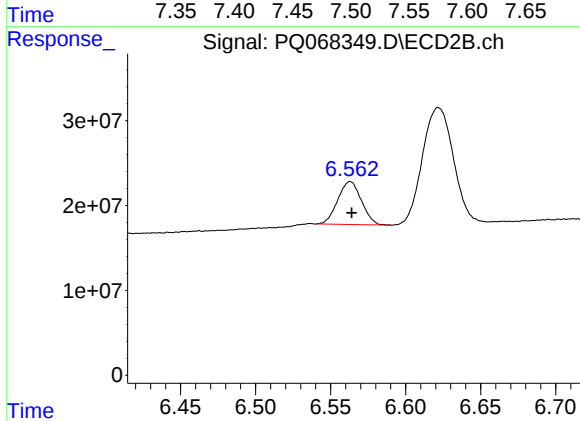
R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 66751171
Conc: 213.56 ng/ml



#41 AR-1268-1

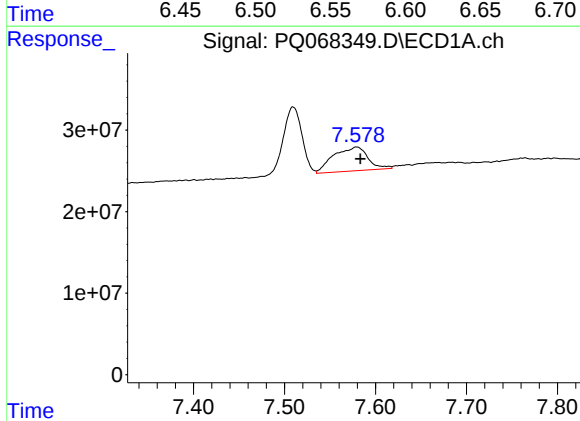
R.T.: 7.509 min
Delta R.T.: 0.005 min
Response: 120013838
Conc: 156.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



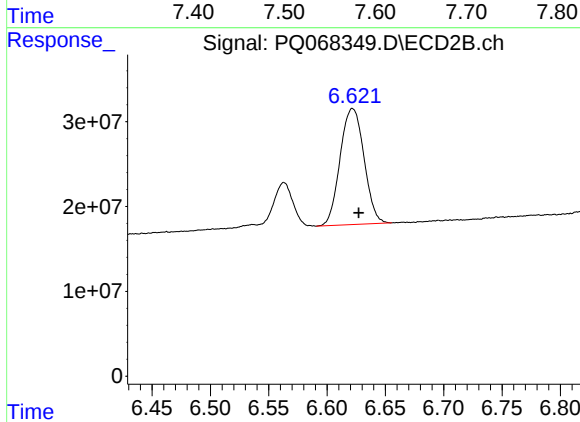
#41 AR-1268-1

R.T.: 6.563 min
Delta R.T.: -0.001 min
Response: 55560608
Conc: 55.78 ng/ml



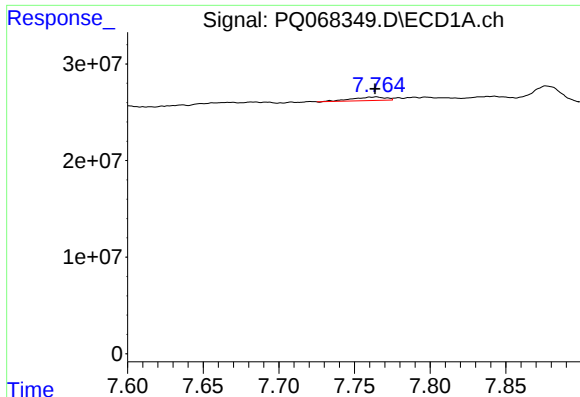
#42 AR-1268-2

R.T.: 7.579 min
Delta R.T.: -0.004 min
Response: 77375913
Conc: 107.82 ng/ml



#42 AR-1268-2

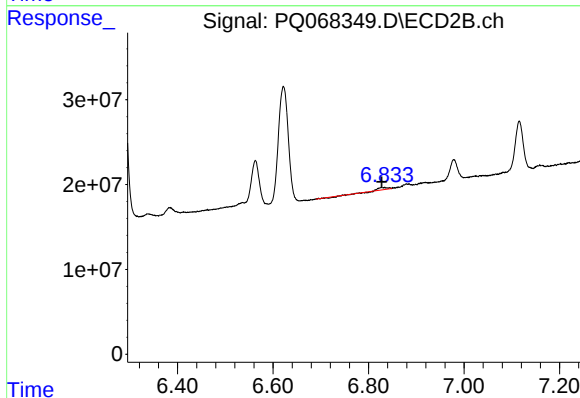
R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 194941011
Conc: 208.95 ng/ml



#43 AR-1268-3

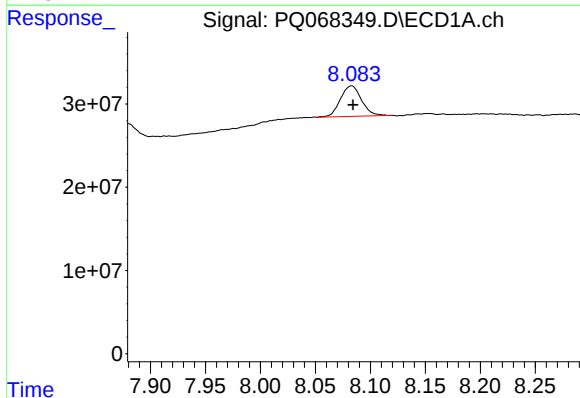
R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 5325041
Conc: 9.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



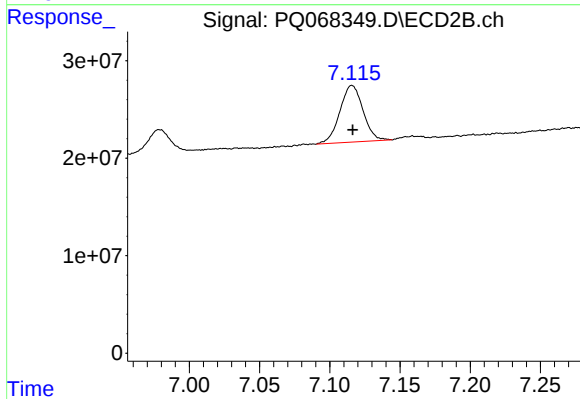
#43 AR-1268-3

R.T.: 6.834 min
Delta R.T.: 0.006 min
Response: 1035956
Conc: 1.27 ng/ml



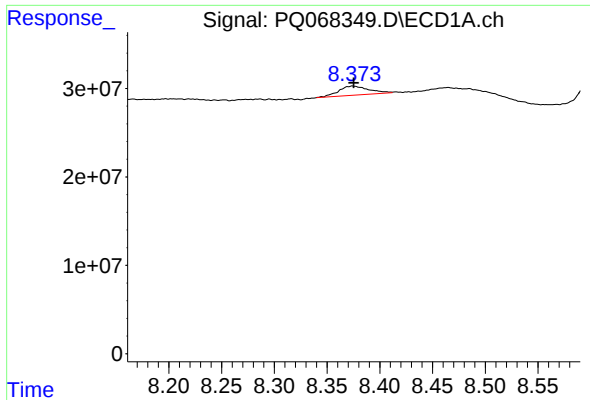
#44 AR-1268-4

R.T.: 8.083 min
Delta R.T.: -0.001 min
Response: 49236087
Conc: 213.66 ng/ml



#44 AR-1268-4

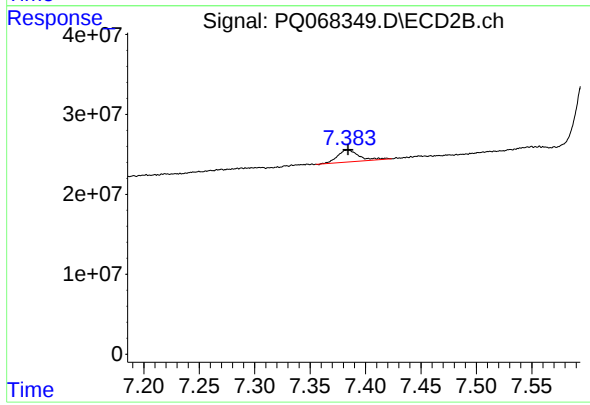
R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 66751171
Conc: 190.10 ng/ml



#45 AR-1268-5

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 20529542
Conc: 12.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 19913869
Conc: 8.24 ng/ml