

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
 Data File : PQ042082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2019 08:44
 Operator : SM\AJ
 Sample : K4041-16
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 04:53:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 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...	5.682	4.741	33043974	31348183	14.408	16.266
2)	SA Decachlor...	12.076	10.497	204.3E6	147.4E6	24.237	30.466 #
Target Compounds							
3)	L1 AR-1016-1	7.128	6.193	40417523	25071614	373.945	241.609 #
4)	L1 AR-1016-2	7.155	6.215	55771804	21502550	356.306	150.085 #
5)	L1 AR-1016-3	7.227	6.432	34111036	22826371	352.649	306.098
6)	L1 AR-1016-4	7.375	6.484	7757217	137.4E6	99.433	2215.538 #
7)	L1 AR-1016-5	7.671	6.736	145.0E6	138.0E6	1844.861	1695.871
10)	L2 AR-1221-3	0.000	5.338	0	10418532	N.D.	191.054 #
11)	L3 AR-1232-1	0.000	5.338	0	10418532	N.D.	215.760 #
12)	L3 AR-1232-2	6.812	6.215	12740190	21502550	387.750	377.054
13)	L3 AR-1232-3	7.155	6.432	55771804	22826371	835.364	765.484
14)	L3 AR-1232-4	7.375	6.569	7757217	45720798	241.834	1712.602 #
15)	L3 AR-1232-5	7.443	6.736	140.3E6	138.0E6	6528.582	4707.393 #
16)	L4 AR-1242-1	7.128	6.193	40417523	25071614	451.849	306.350 #
17)	L4 AR-1242-2	7.155	6.215	55771804	21502550	433.713	190.393 #
18)	L4 AR-1242-3	7.227	6.432	34111036	22826371	420.675	386.412
19)	L4 AR-1242-4	7.375	6.533	7757217	130.7E6	120.664	2204.711 #
20)	L4 AR-1242-5	8.161	7.145	296.1E6	423.0E6	3337.333	4763.704 #
21)	L5 AR-1248-1	7.128	6.193	40417523	25071614	545.180	378.132 #
22)	L5 AR-1248-2	7.443	6.484	140.3E6	137.4E6	1520.661	1575.752
23)	L5 AR-1248-3	7.671	6.533	145.0E6	130.7E6	1294.388	1464.706
24)	L5 AR-1248-4	8.119	6.736	281.7E6	138.0E6	1801.713	1253.386 #
25)	L5 AR-1248-5	8.161	7.192	296.1E6	240.5E6	1956.789	1876.281
26)	L6 AR-1254-1	8.088	7.145	280.4E6	423.0E6	2015.489	2312.875
27)	L6 AR-1254-2	8.329	7.314	429.9E6	226.4E6	1878.458	1398.631 #
28)	L6 AR-1254-3	8.721	7.761	407.8E6	443.3E6	1491.585	1537.160
29)	L6 AR-1254-4	9.024	8.009	373.1E6	378.3E6	1515.537	1742.650
30)	L6 AR-1254-5	9.464	8.457	187.0E6	197.8E6	690.326	657.813
31)	L7 AR-1260-1	8.895	7.917	83515142	201.9E6	469.489	1112.983 #
32)	L7 AR-1260-2	9.158	8.106	765.9E6	80587369	3035.808	328.478 #
33)	L7 AR-1260-3	9.539	8.270	54752349	89465878	238.953	420.467 #
34)	L7 AR-1260-4	9.776	8.768	339.7E6	27612514	1330.435	136.500 #
35)	L7 AR-1260-5	10.130	9.055	129.8E6	13958295	192.716	23.650 #
36)	L8 AR-1262-1	9.602	8.550	21728467	24109232	141.374	168.050
37)	L8 AR-1262-2	10.130	9.021	129.8E6	133.6E6	148.285	180.255
38)	L8 AR-1262-3	10.480	9.315	90215213	72776612	142.069	230.036 #
39)	L8 AR-1262-4	10.564	9.382	81863270	67473924	163.495	119.982 #
40)	L8 AR-1262-5	11.272	9.906	50648146	39449986	124.409	138.128
41)	L9 AR-1268-1	10.480	9.315	90215213	72776612	63.329	63.661
42)	L9 AR-1268-2	10.564	9.382	81863270	67473924	62.068	65.728
43)	L9 AR-1268-3	10.809	9.595	26426970	24024664	22.585	27.648

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 Acq On : 07 Aug 2019 08:44
 Operator : SM\AJ
 Sample : K4041-16
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

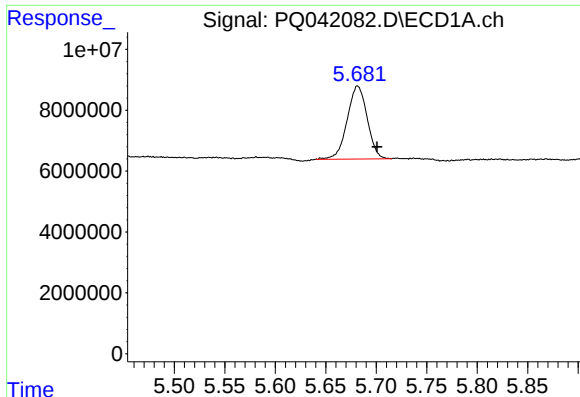
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 04:53:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
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 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
44) L9	AR-1268-4	11.272	9.906	50648146	39449986	93.032	102.556
45) L9	AR-1268-5	11.715	10.225	88457636	253.0E6	21.825	97.402 #

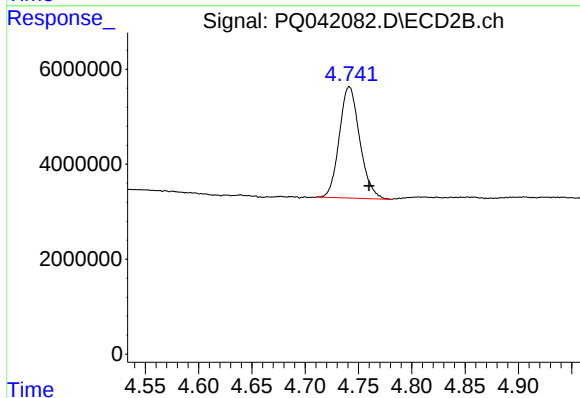
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

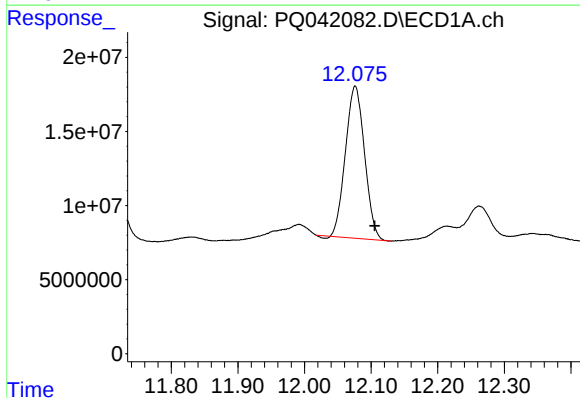
R.T.: 5.682 min
Delta R.T.: -0.019 min
Response: 33043974
Conc: 14.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



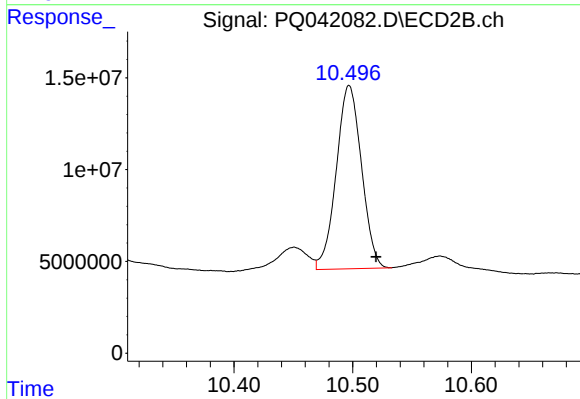
#1 Tetrachloro-m-xylene

R.T.: 4.741 min
Delta R.T.: -0.018 min
Response: 31348183
Conc: 16.27 ng/ml



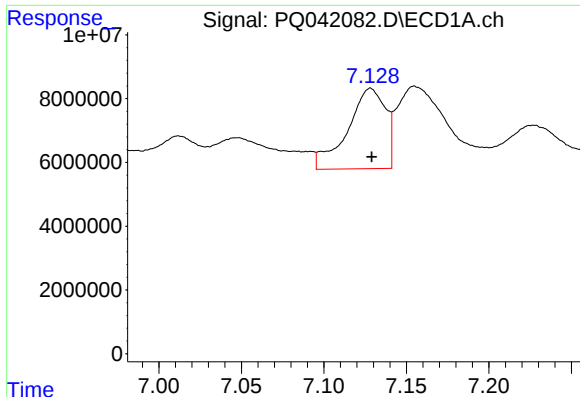
#2 Decachlorobiphenyl

R.T.: 12.076 min
Delta R.T.: -0.029 min
Response: 204348205
Conc: 24.24 ng/ml



#2 Decachlorobiphenyl

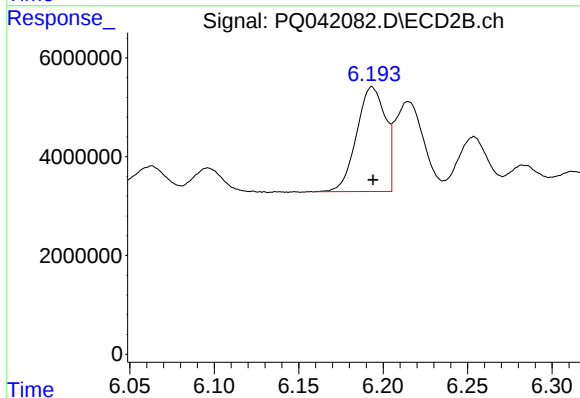
R.T.: 10.497 min
Delta R.T.: -0.023 min
Response: 147373571
Conc: 30.47 ng/ml



#3 AR-1016-1

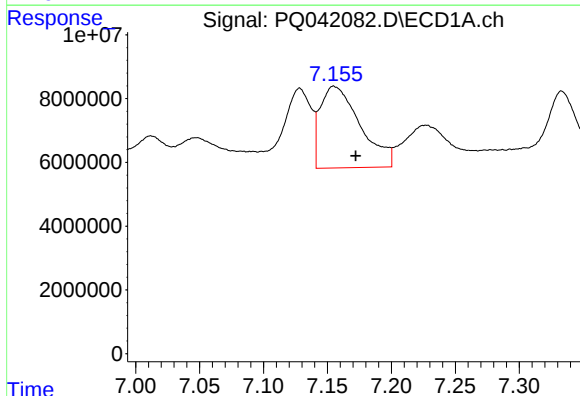
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 40417523
Conc: 373.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



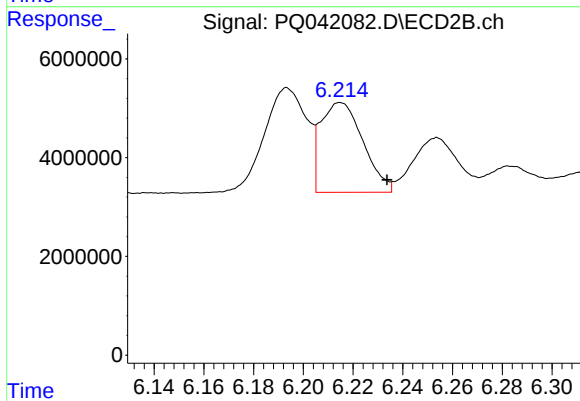
#3 AR-1016-1

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 25071614
Conc: 241.61 ng/ml



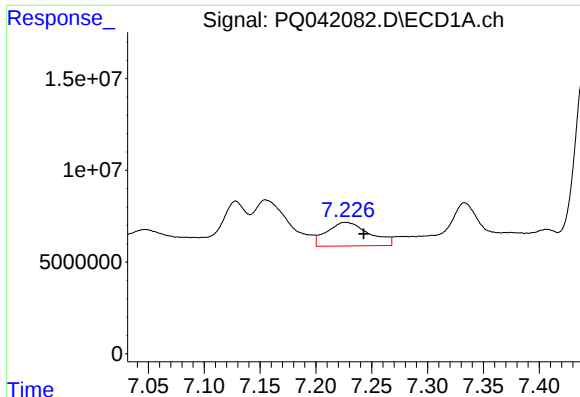
#4 AR-1016-2

R.T.: 7.155 min
Delta R.T.: -0.017 min
Response: 55771804
Conc: 356.31 ng/ml



#4 AR-1016-2

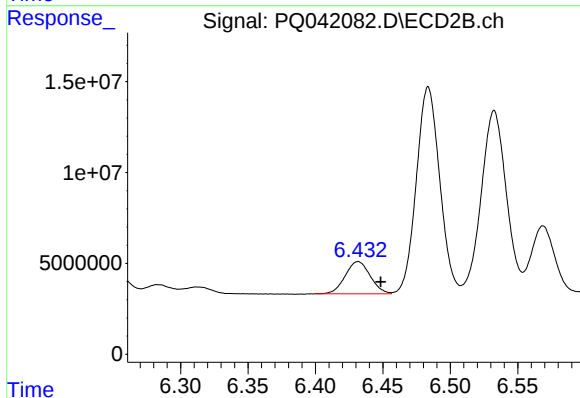
R.T.: 6.215 min
Delta R.T.: -0.019 min
Response: 21502550
Conc: 150.08 ng/ml



#5 AR-1016-3

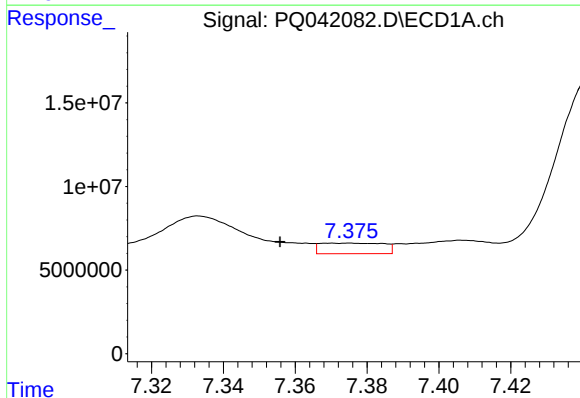
R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 34111036
Conc: 352.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



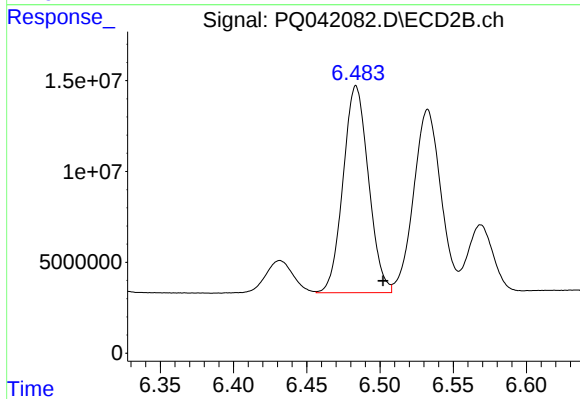
#5 AR-1016-3

R.T.: 6.432 min
Delta R.T.: -0.017 min
Response: 22826371
Conc: 306.10 ng/ml



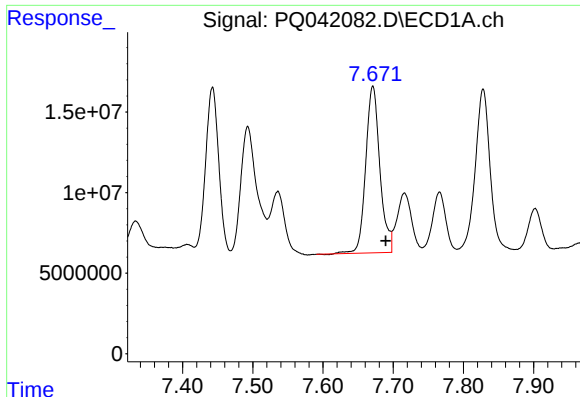
#6 AR-1016-4

R.T.: 7.375 min
Delta R.T.: 0.019 min
Response: 7757217
Conc: 99.43 ng/ml



#6 AR-1016-4

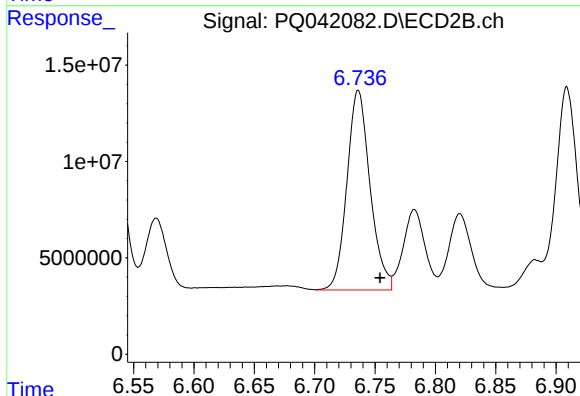
R.T.: 6.484 min
Delta R.T.: -0.018 min
Response: 137386172
Conc: 2215.54 ng/ml



#7 AR-1016-5

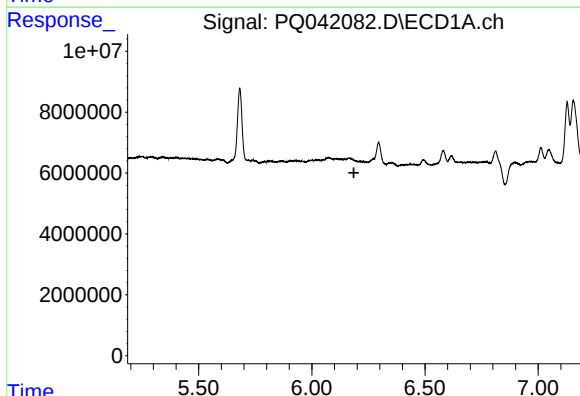
R.T.: 7.671 min
Delta R.T.: -0.018 min
Response: 145024877
Conc: 1844.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



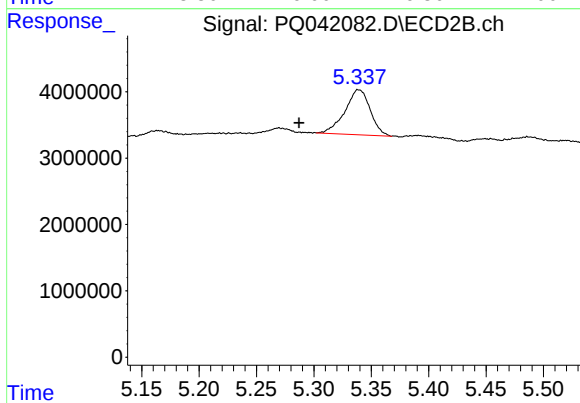
#7 AR-1016-5

R.T.: 6.736 min
Delta R.T.: -0.018 min
Response: 138049677
Conc: 1695.87 ng/ml



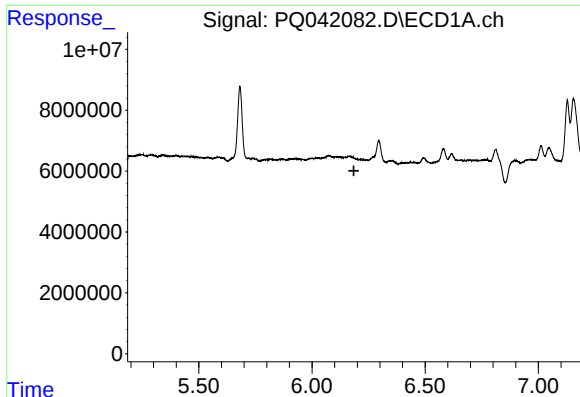
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

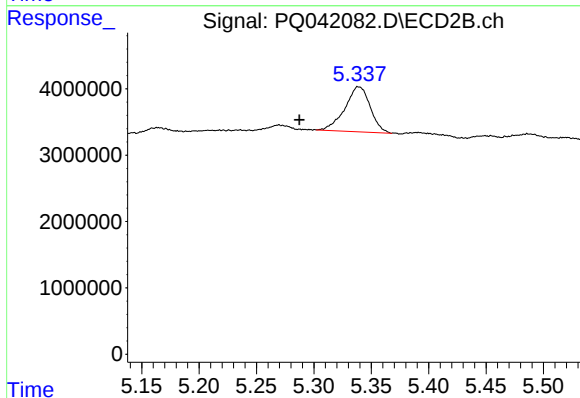
R.T.: 5.338 min
Delta R.T.: 0.051 min
Response: 10418532
Conc: 191.05 ng/ml



#11 AR-1232-1

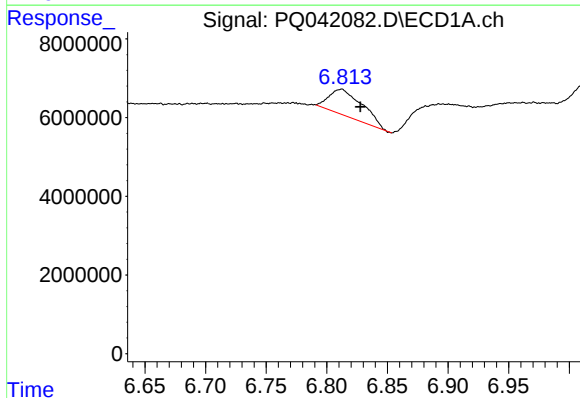
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



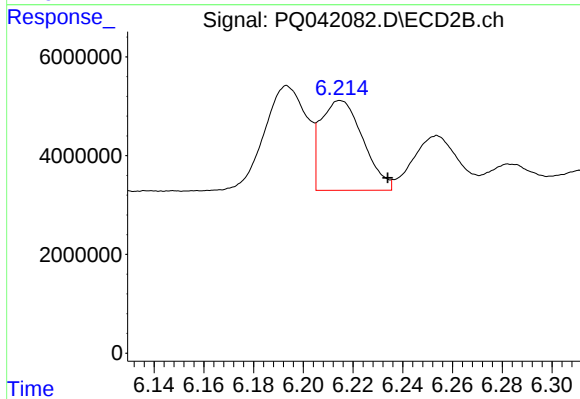
#11 AR-1232-1

R.T.: 5.338 min
Delta R.T.: 0.051 min
Response: 10418532
Conc: 215.76 ng/ml



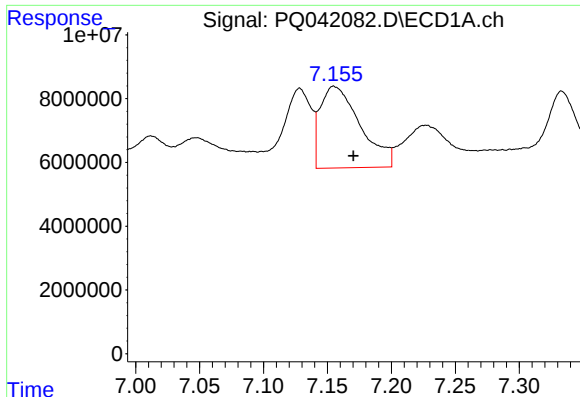
#12 AR-1232-2

R.T.: 6.812 min
Delta R.T.: -0.016 min
Response: 12740190
Conc: 387.75 ng/ml



#12 AR-1232-2

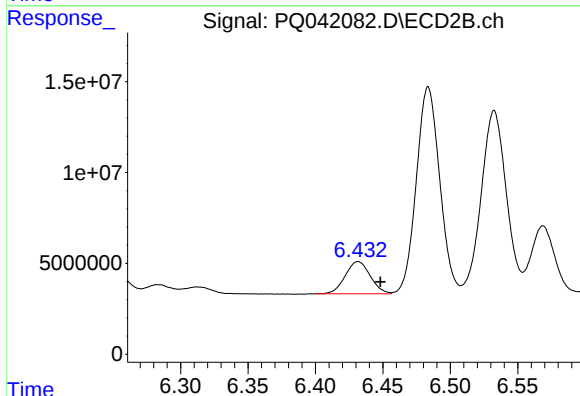
R.T.: 6.215 min
Delta R.T.: -0.019 min
Response: 21502550
Conc: 377.05 ng/ml



#13 AR-1232-3

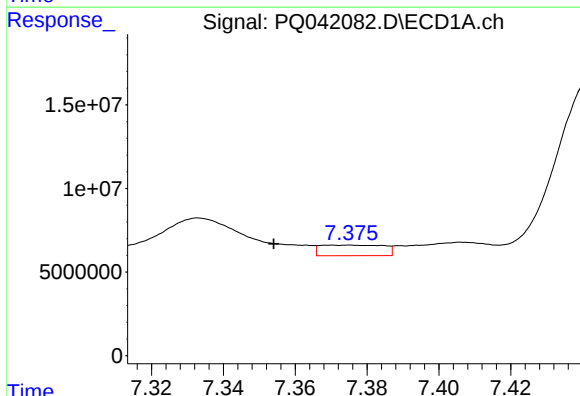
R.T.: 7.155 min
Delta R.T.: -0.015 min
Response: 55771804
Conc: 835.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



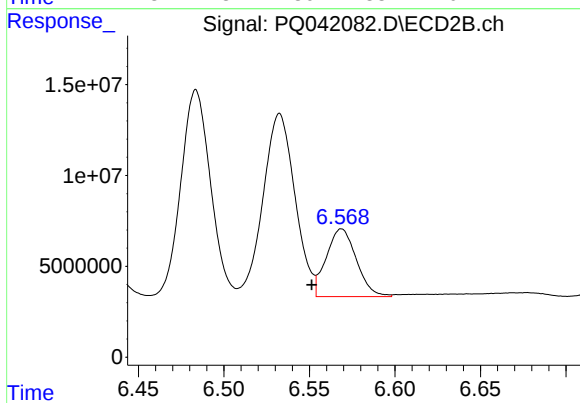
#13 AR-1232-3

R.T.: 6.432 min
Delta R.T.: -0.016 min
Response: 22826371
Conc: 765.48 ng/ml



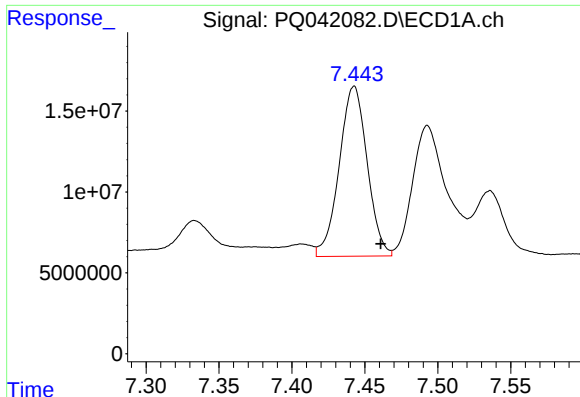
#14 AR-1232-4

R.T.: 7.375 min
Delta R.T.: 0.021 min
Response: 7757217
Conc: 241.83 ng/ml



#14 AR-1232-4

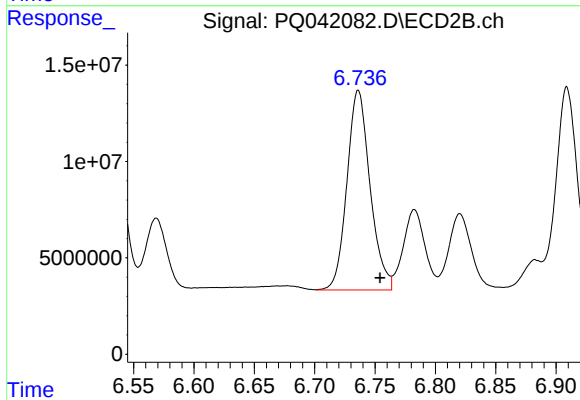
R.T.: 6.569 min
Delta R.T.: 0.018 min
Response: 45720798
Conc: 1712.60 ng/ml



#15 AR-1232-5

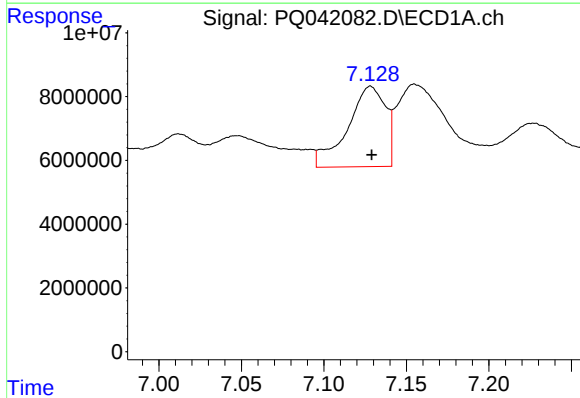
R.T.: 7.443 min
Delta R.T.: -0.018 min
Response: 140301000
Conc: 6528.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



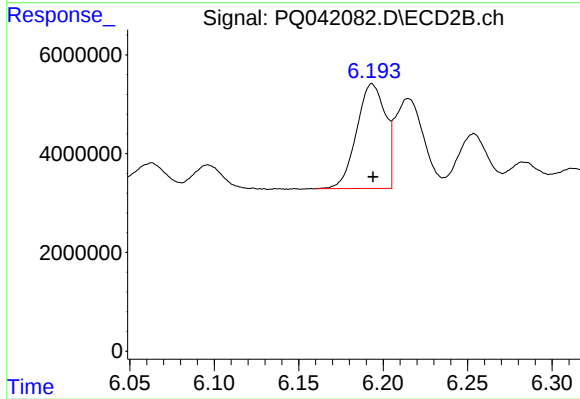
#15 AR-1232-5

R.T.: 6.736 min
Delta R.T.: -0.018 min
Response: 138049677
Conc: 4707.39 ng/ml



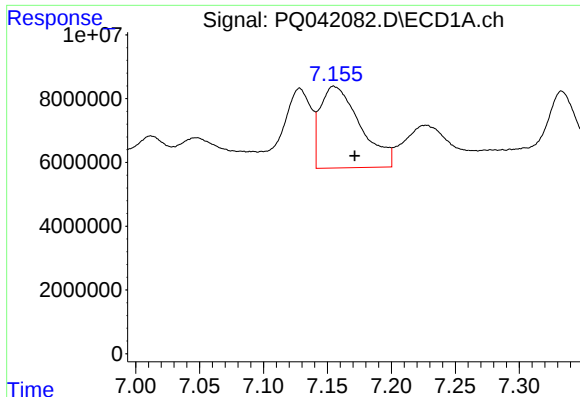
#16 AR-1242-1

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 40417523
Conc: 451.85 ng/ml



#16 AR-1242-1

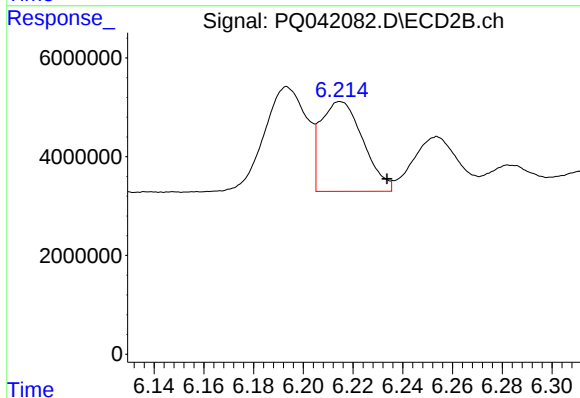
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 25071614
Conc: 306.35 ng/ml



#17 AR-1242-2

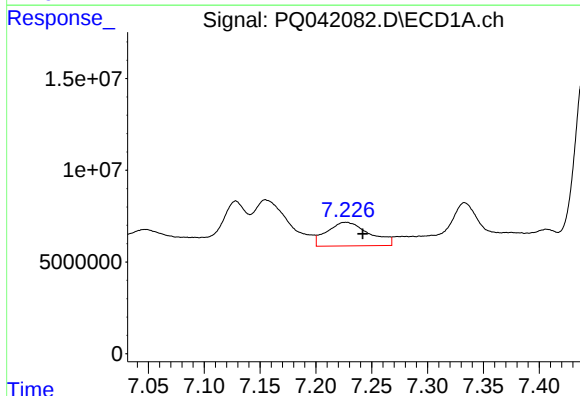
R.T.: 7.155 min
Delta R.T.: -0.016 min
Response: 55771804
Conc: 433.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



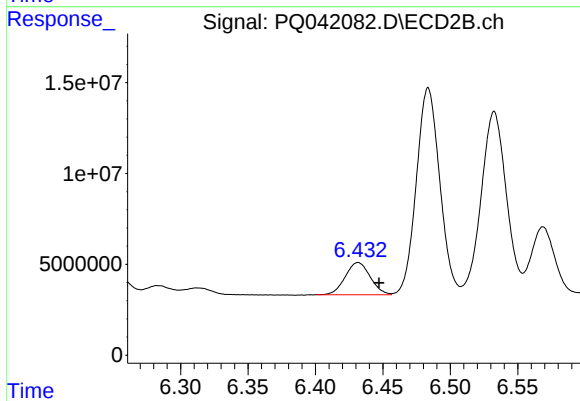
#17 AR-1242-2

R.T.: 6.215 min
Delta R.T.: -0.019 min
Response: 21502550
Conc: 190.39 ng/ml



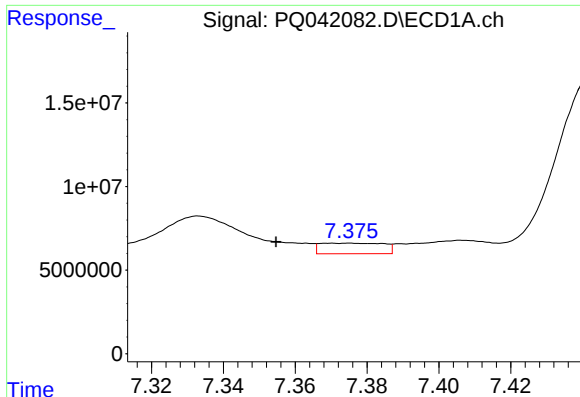
#18 AR-1242-3

R.T.: 7.227 min
Delta R.T.: -0.015 min
Response: 34111036
Conc: 420.68 ng/ml



#18 AR-1242-3

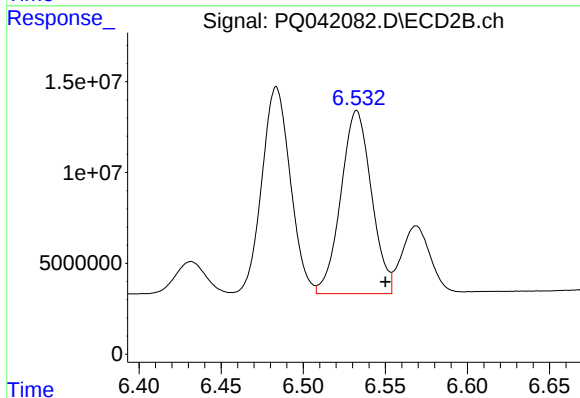
R.T.: 6.432 min
Delta R.T.: -0.015 min
Response: 22826371
Conc: 386.41 ng/ml



#19 AR-1242-4

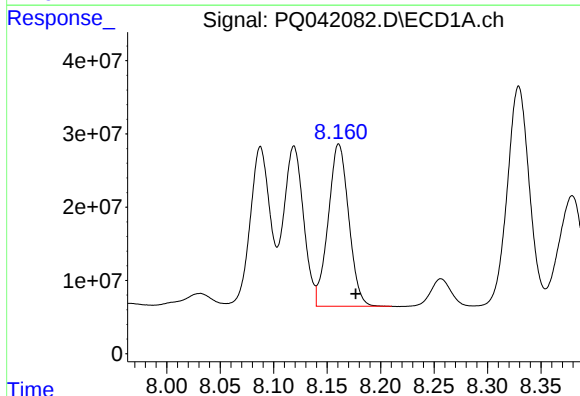
R.T.: 7.375 min
Delta R.T.: 0.020 min
Response: 7757217
Conc: 120.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



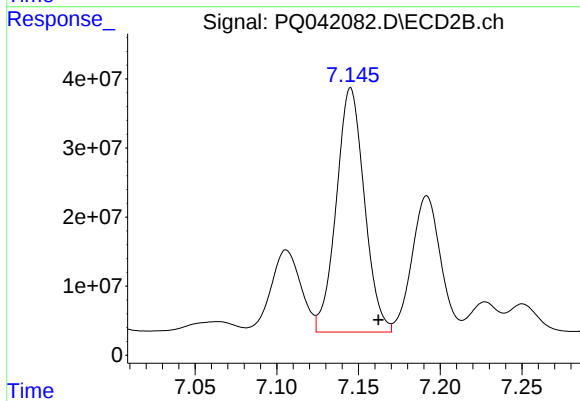
#19 AR-1242-4

R.T.: 6.533 min
Delta R.T.: -0.018 min
Response: 130733397
Conc: 2204.71 ng/ml



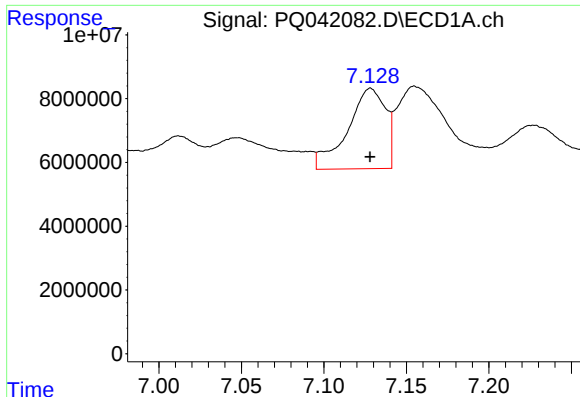
#20 AR-1242-5

R.T.: 8.161 min
Delta R.T.: -0.016 min
Response: 296107622
Conc: 3337.33 ng/ml



#20 AR-1242-5

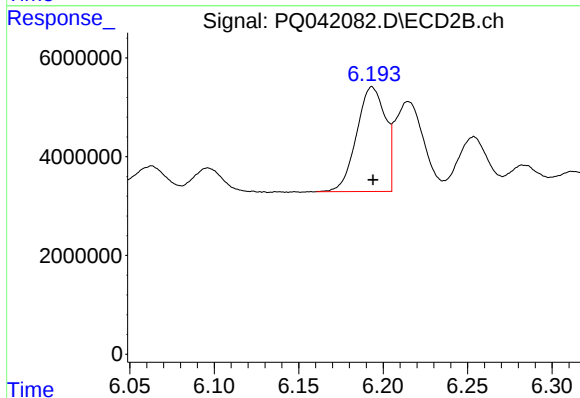
R.T.: 7.145 min
Delta R.T.: -0.017 min
Response: 422989438
Conc: 4763.70 ng/ml



#21 AR-1248-1

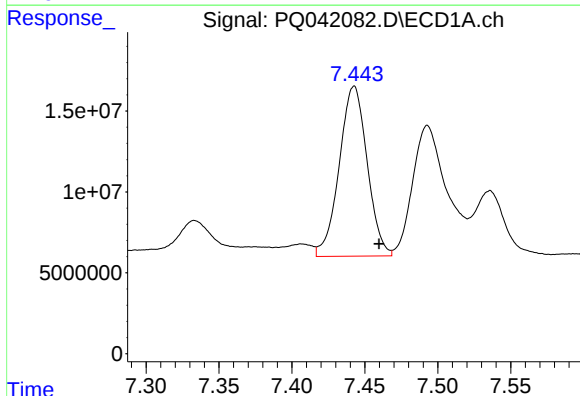
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 40417523
Conc: 545.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



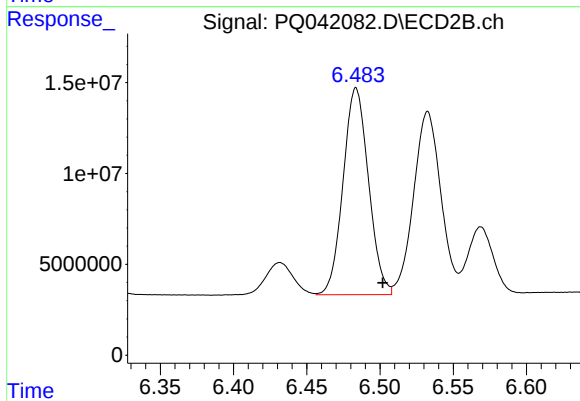
#21 AR-1248-1

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 25071614
Conc: 378.13 ng/ml



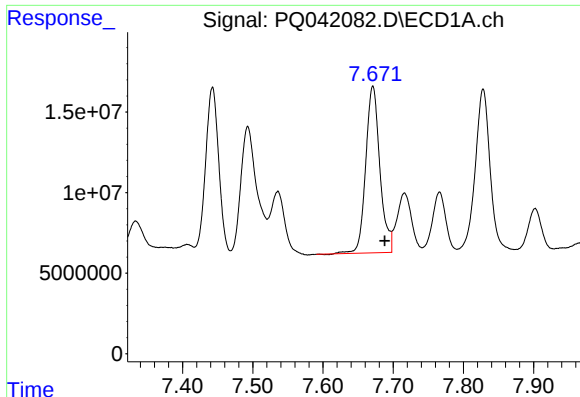
#22 AR-1248-2

R.T.: 7.443 min
Delta R.T.: -0.017 min
Response: 140301000
Conc: 1520.66 ng/ml



#22 AR-1248-2

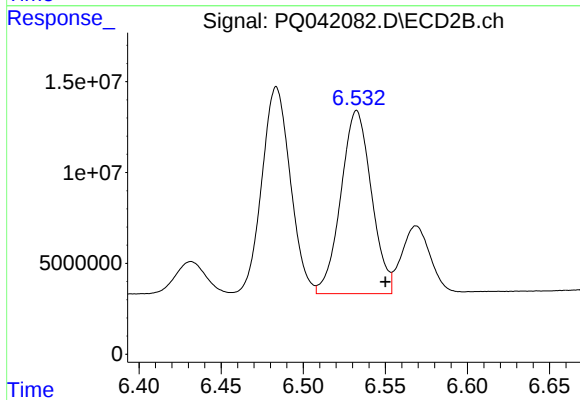
R.T.: 6.484 min
Delta R.T.: -0.018 min
Response: 137386172
Conc: 1575.75 ng/ml



#23 AR-1248-3

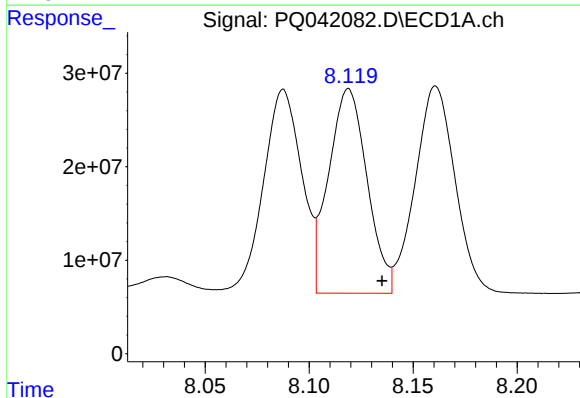
R.T.: 7.671 min
Delta R.T.: -0.017 min
Response: 145024877
Conc: 1294.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



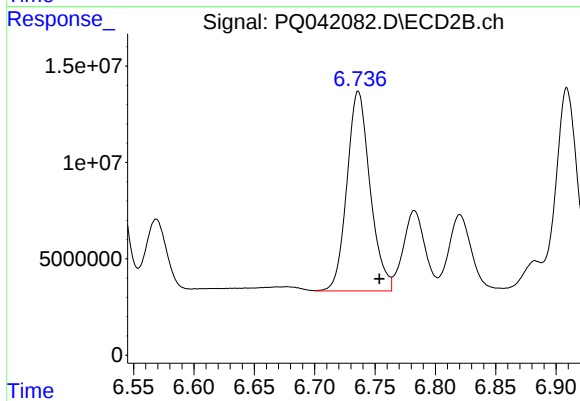
#23 AR-1248-3

R.T.: 6.533 min
Delta R.T.: -0.018 min
Response: 130733397
Conc: 1464.71 ng/ml



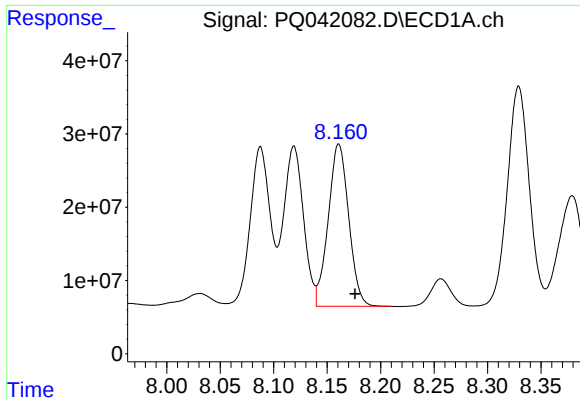
#24 AR-1248-4

R.T.: 8.119 min
Delta R.T.: -0.016 min
Response: 281712679
Conc: 1801.71 ng/ml



#24 AR-1248-4

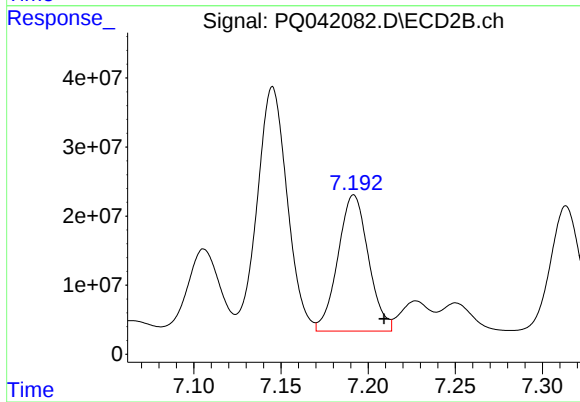
R.T.: 6.736 min
Delta R.T.: -0.017 min
Response: 138049677
Conc: 1253.39 ng/ml



#25 AR-1248-5

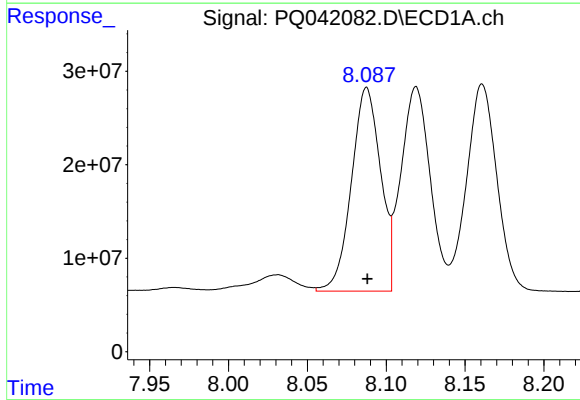
R.T.: 8.161 min
Delta R.T.: -0.015 min
Response: 296107622
Conc: 1956.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



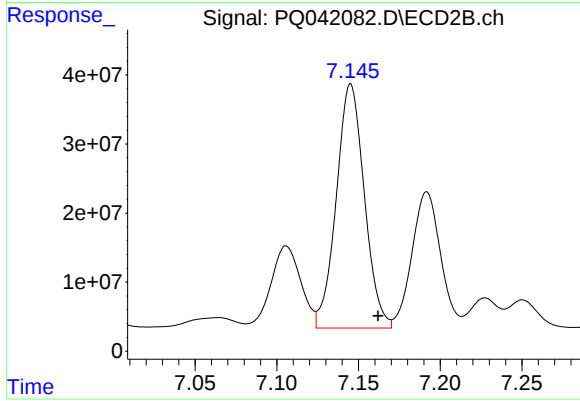
#25 AR-1248-5

R.T.: 7.192 min
Delta R.T.: -0.017 min
Response: 240491728
Conc: 1876.28 ng/ml



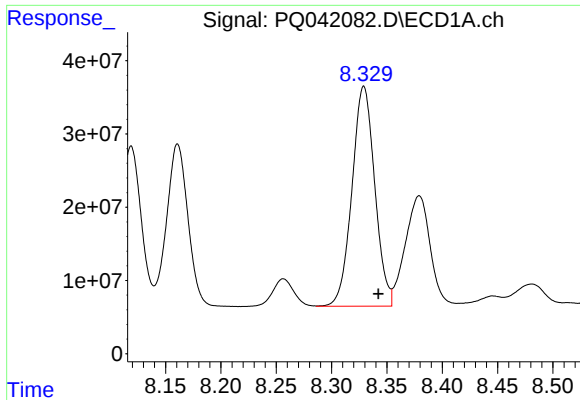
#26 AR-1254-1

R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 280384072
Conc: 2015.49 ng/ml



#26 AR-1254-1

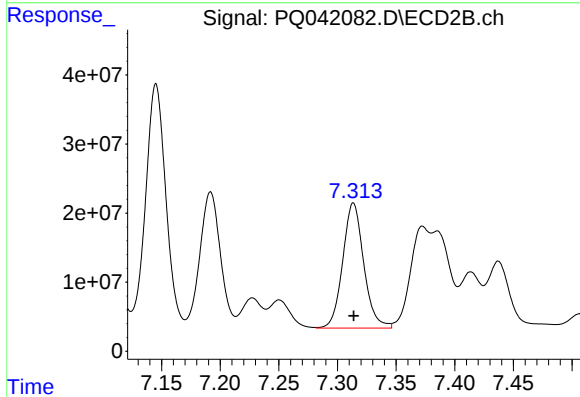
R.T.: 7.145 min
Delta R.T.: -0.017 min
Response: 422989438
Conc: 2312.88 ng/ml



#27 AR-1254-2

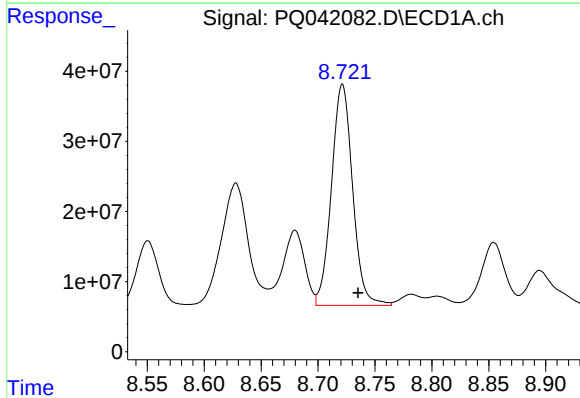
R.T.: 8.329 min
Delta R.T.: -0.013 min
Response: 429946843
Conc: 1878.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



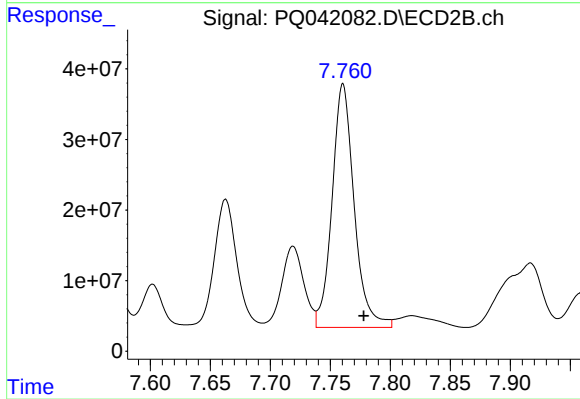
#27 AR-1254-2

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 226398252
Conc: 1398.63 ng/ml



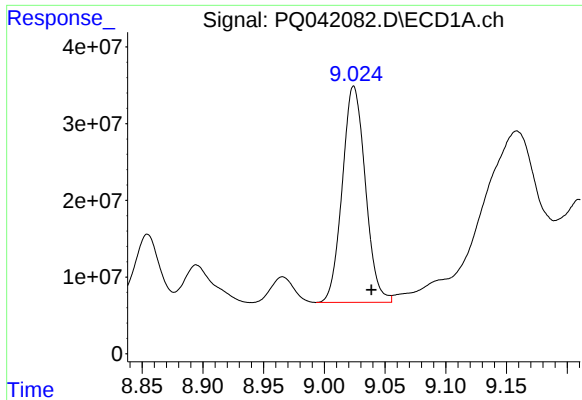
#28 AR-1254-3

R.T.: 8.721 min
Delta R.T.: -0.014 min
Response: 407839092
Conc: 1491.58 ng/ml



#28 AR-1254-3

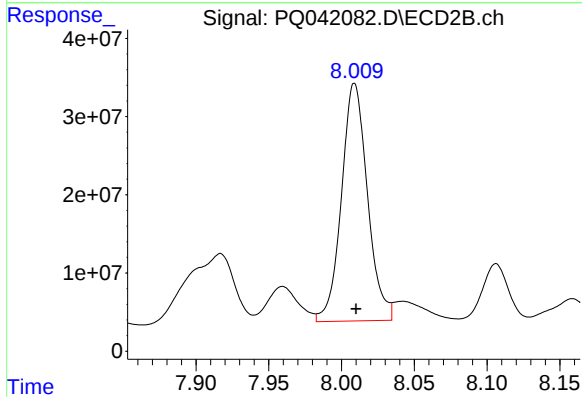
R.T.: 7.761 min
Delta R.T.: -0.017 min
Response: 443327568
Conc: 1537.16 ng/ml



#29 AR-1254-4

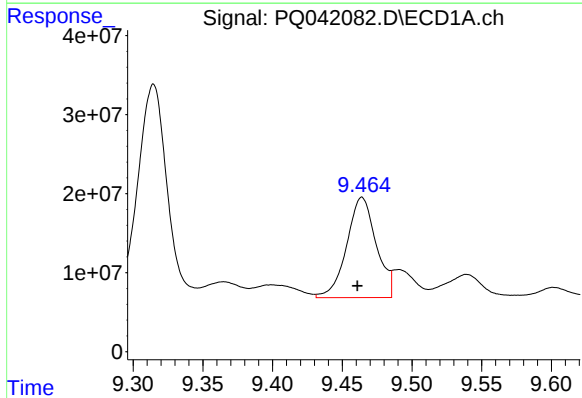
R.T.: 9.024 min
Delta R.T.: -0.015 min
Response: 373087028
Conc: 1515.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



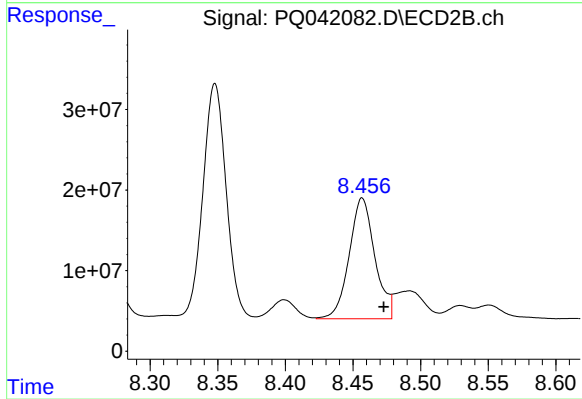
#29 AR-1254-4

R.T.: 8.009 min
Delta R.T.: -0.001 min
Response: 378281580
Conc: 1742.65 ng/ml



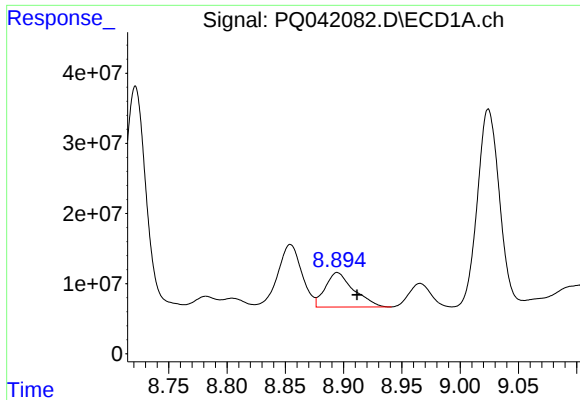
#30 AR-1254-5

R.T.: 9.464 min
Delta R.T.: 0.003 min
Response: 186971641
Conc: 690.33 ng/ml



#30 AR-1254-5

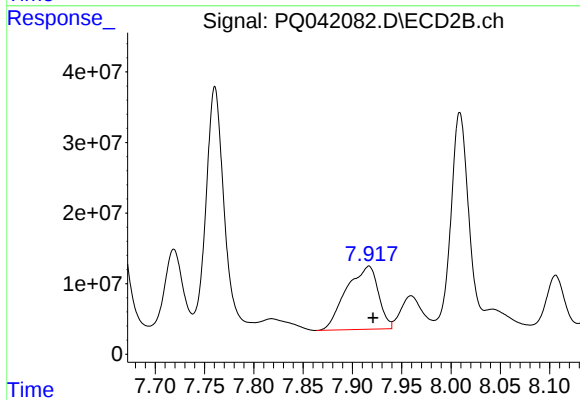
R.T.: 8.457 min
Delta R.T.: -0.016 min
Response: 197849332
Conc: 657.81 ng/ml



#31 AR-1260-1

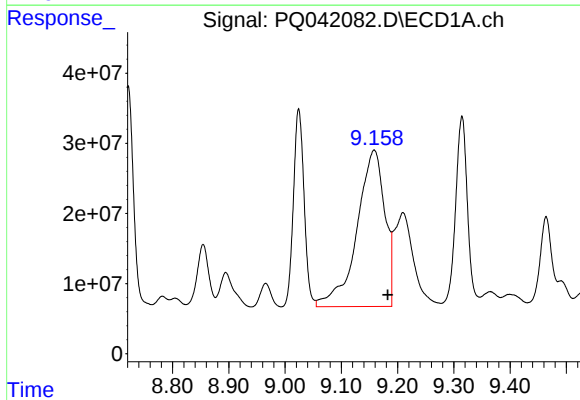
R.T.: 8.895 min
Delta R.T.: -0.017 min
Response: 83515142
Conc: 469.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



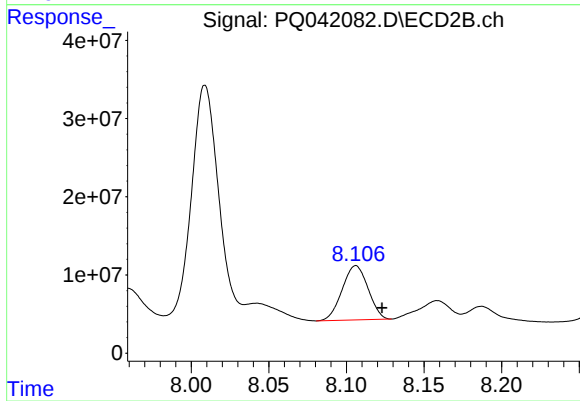
#31 AR-1260-1

R.T.: 7.917 min
Delta R.T.: -0.004 min
Response: 201928091
Conc: 1112.98 ng/ml



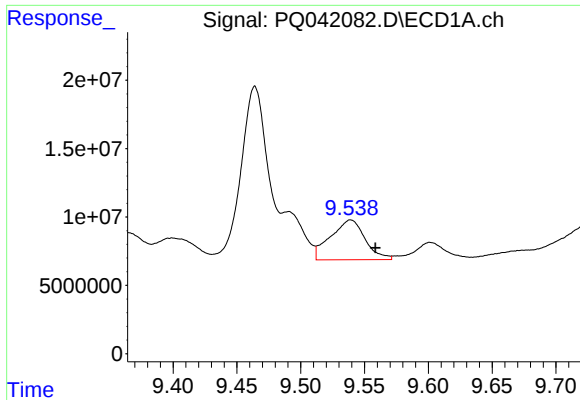
#32 AR-1260-2

R.T.: 9.158 min
Delta R.T.: -0.024 min
Response: 765859088
Conc: 3035.81 ng/ml



#32 AR-1260-2

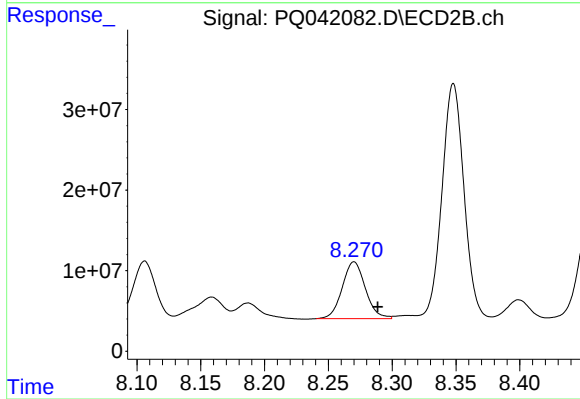
R.T.: 8.106 min
Delta R.T.: -0.017 min
Response: 80587369
Conc: 328.48 ng/ml



#33 AR-1260-3

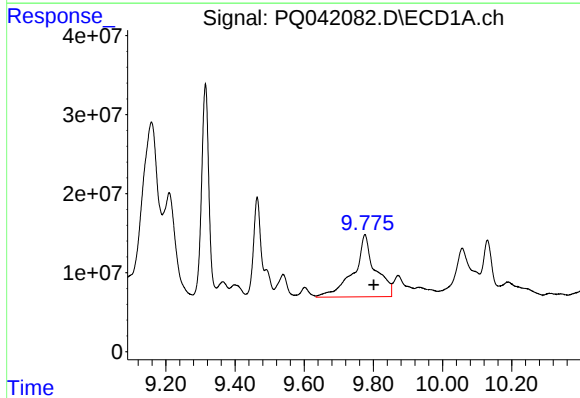
R.T.: 9.539 min
Delta R.T.: -0.019 min
Response: 54752349
Conc: 238.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



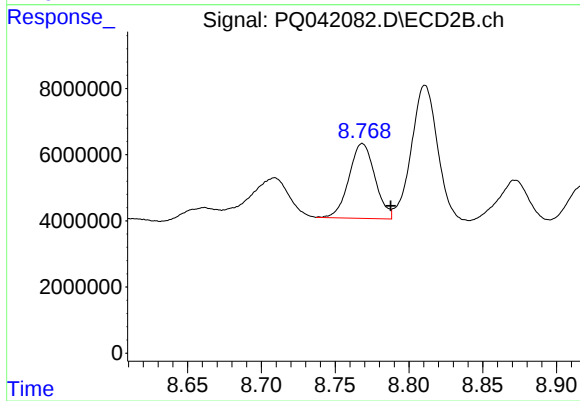
#33 AR-1260-3

R.T.: 8.270 min
Delta R.T.: -0.019 min
Response: 89465878
Conc: 420.47 ng/ml



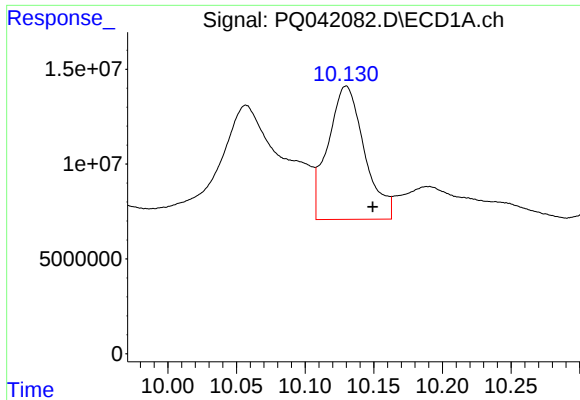
#34 AR-1260-4

R.T.: 9.776 min
Delta R.T.: -0.026 min
Response: 339716212
Conc: 1330.43 ng/ml



#34 AR-1260-4

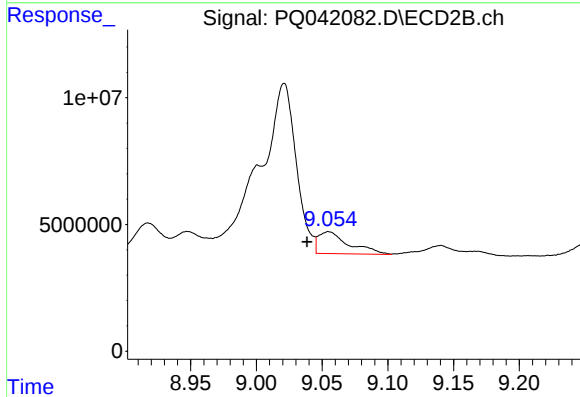
R.T.: 8.768 min
Delta R.T.: -0.019 min
Response: 27612514
Conc: 136.50 ng/ml



#35 AR-1260-5

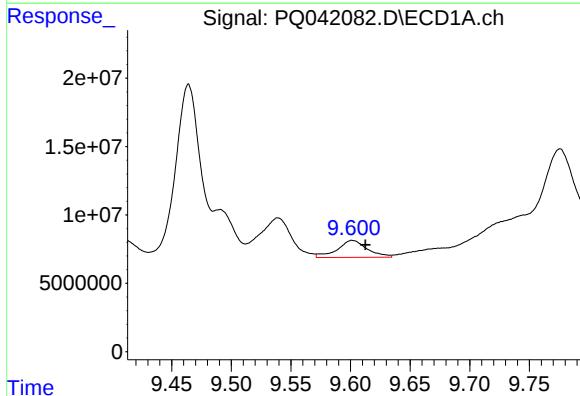
R.T.: 10.130 min
Delta R.T.: -0.019 min
Response: 129811674
Conc: 192.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



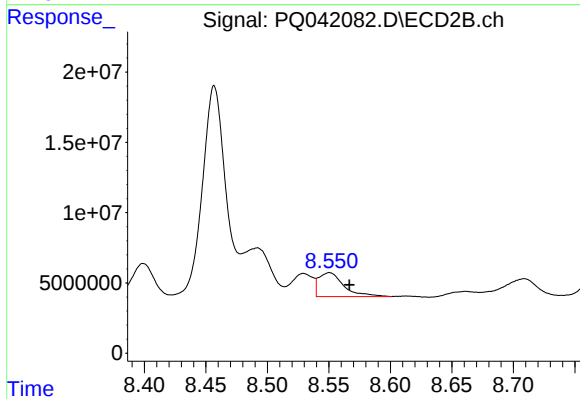
#35 AR-1260-5

R.T.: 9.055 min
Delta R.T.: 0.016 min
Response: 13958295
Conc: 23.65 ng/ml



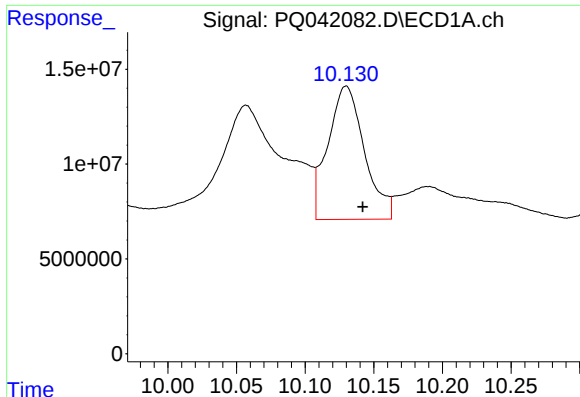
#36 AR-1262-1

R.T.: 9.602 min
Delta R.T.: -0.011 min
Response: 21728467
Conc: 141.37 ng/ml



#36 AR-1262-1

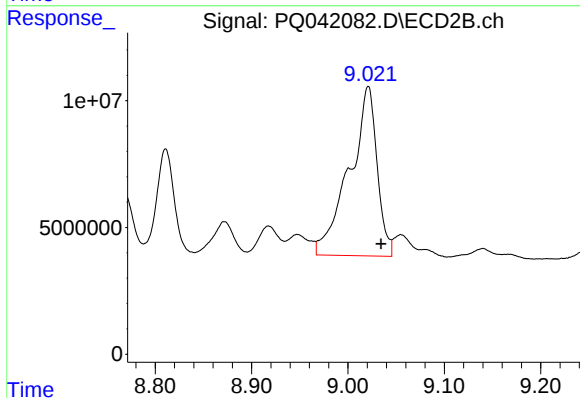
R.T.: 8.550 min
Delta R.T.: -0.016 min
Response: 24109232
Conc: 168.05 ng/ml



#37 AR-1262-2

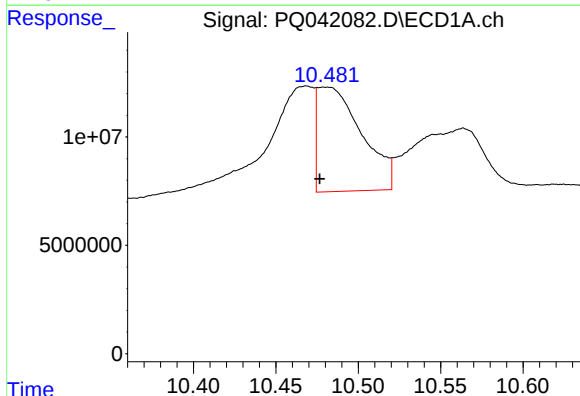
R.T.: 10.130 min
Delta R.T.: -0.012 min
Response: 129811674
Conc: 148.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



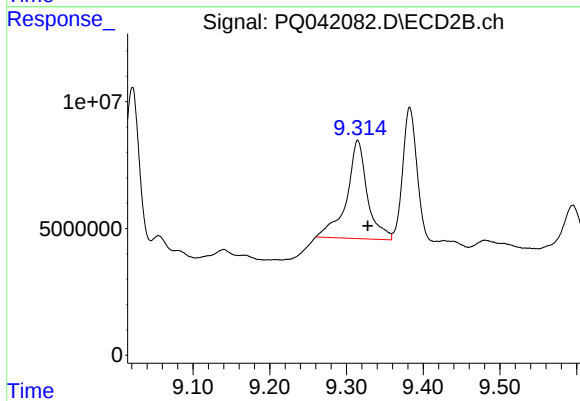
#37 AR-1262-2

R.T.: 9.021 min
Delta R.T.: -0.013 min
Response: 133578404
Conc: 180.25 ng/ml



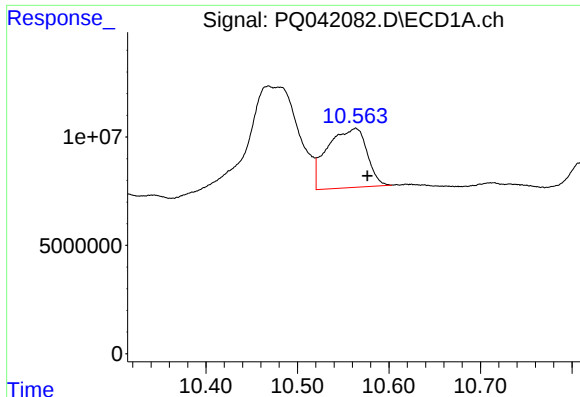
#38 AR-1262-3

R.T.: 10.480 min
Delta R.T.: 0.003 min
Response: 90215213
Conc: 142.07 ng/ml



#38 AR-1262-3

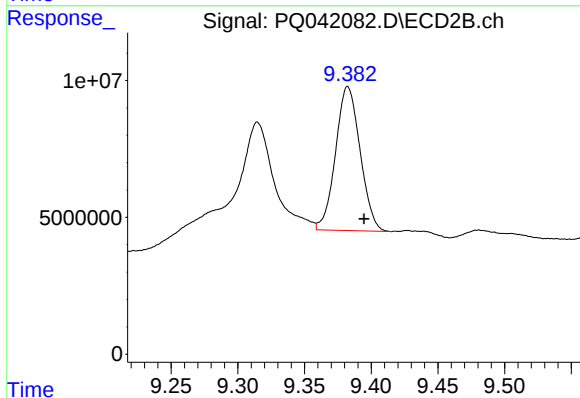
R.T.: 9.315 min
Delta R.T.: -0.013 min
Response: 72776612
Conc: 230.04 ng/ml



#39 AR-1262-4

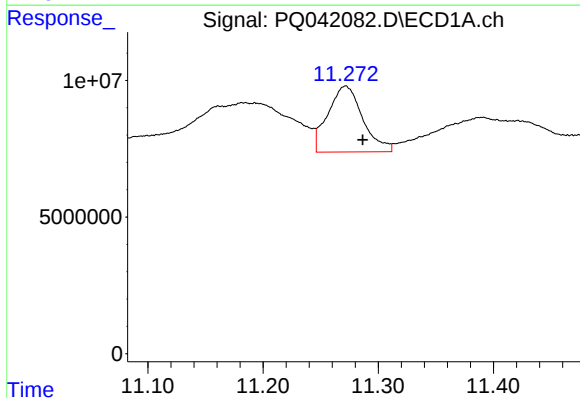
R.T.: 10.564 min
Delta R.T.: -0.013 min
Response: 81863270
Conc: 163.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



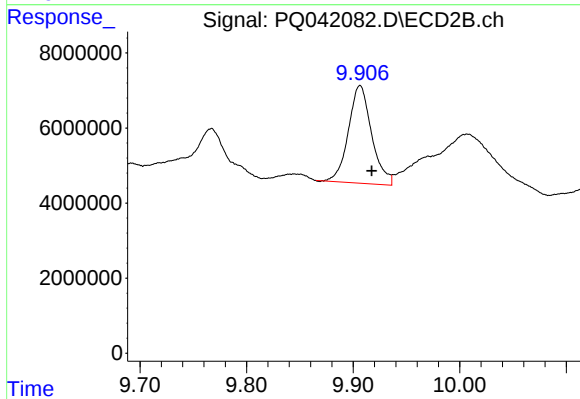
#39 AR-1262-4

R.T.: 9.382 min
Delta R.T.: -0.012 min
Response: 67473924
Conc: 119.98 ng/ml



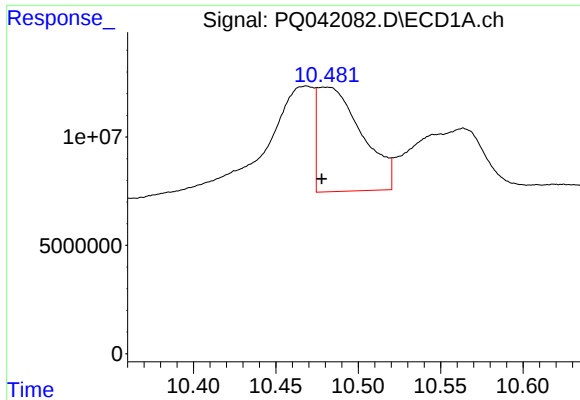
#40 AR-1262-5

R.T.: 11.272 min
Delta R.T.: -0.015 min
Response: 50648146
Conc: 124.41 ng/ml



#40 AR-1262-5

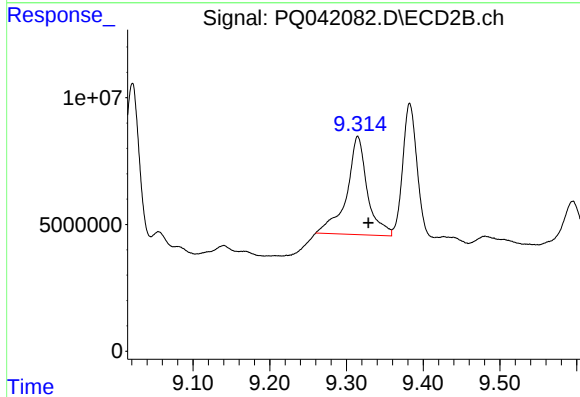
R.T.: 9.906 min
Delta R.T.: -0.011 min
Response: 39449986
Conc: 138.13 ng/ml



#41 AR-1268-1

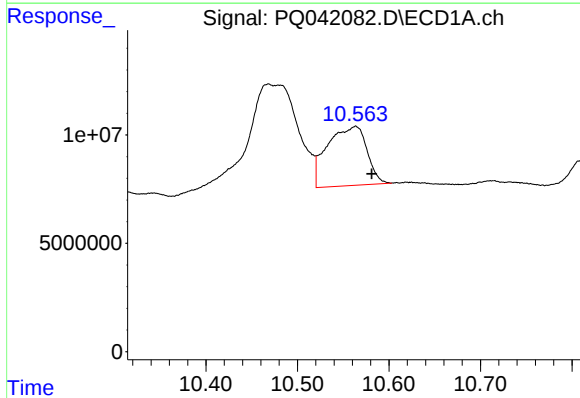
R.T.: 10.480 min
Delta R.T.: 0.002 min
Response: 90215213
Conc: 63.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



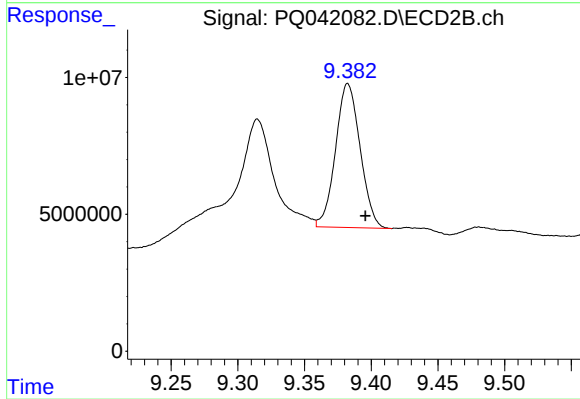
#41 AR-1268-1

R.T.: 9.315 min
Delta R.T.: -0.014 min
Response: 72776612
Conc: 63.66 ng/ml



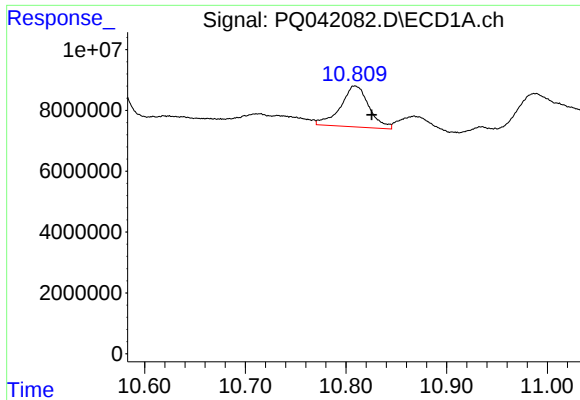
#42 AR-1268-2

R.T.: 10.564 min
Delta R.T.: -0.018 min
Response: 81863270
Conc: 62.07 ng/ml



#42 AR-1268-2

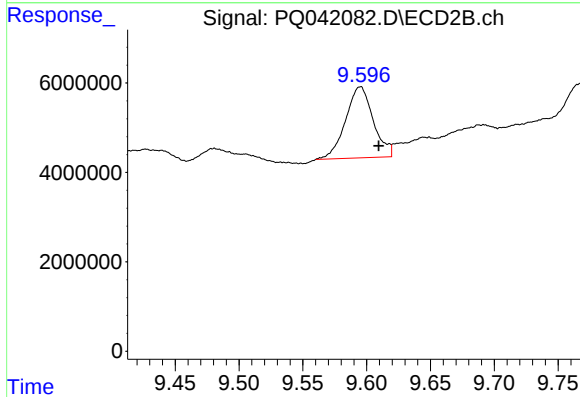
R.T.: 9.382 min
Delta R.T.: -0.013 min
Response: 67473924
Conc: 65.73 ng/ml



#43 AR-1268-3

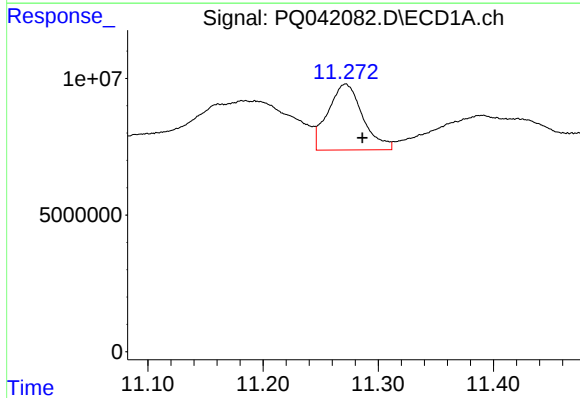
R.T.: 10.809 min
Delta R.T.: -0.017 min
Response: 26426970
Conc: 22.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



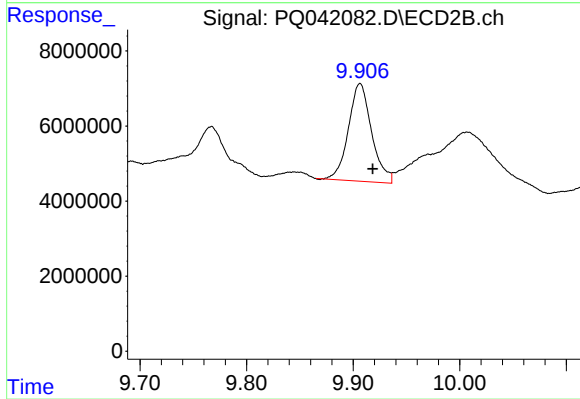
#43 AR-1268-3

R.T.: 9.595 min
Delta R.T.: -0.014 min
Response: 24024664
Conc: 27.65 ng/ml



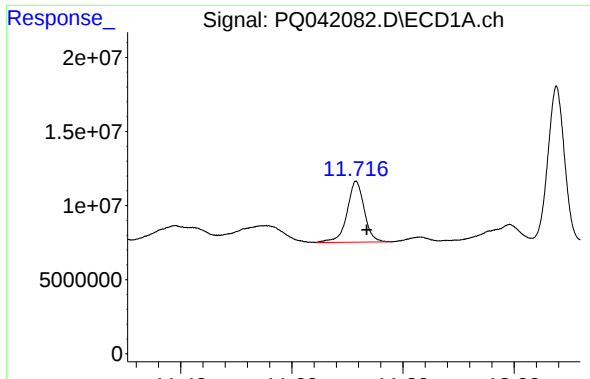
#44 AR-1268-4

R.T.: 11.272 min
Delta R.T.: -0.015 min
Response: 50648146
Conc: 93.03 ng/ml



#44 AR-1268-4

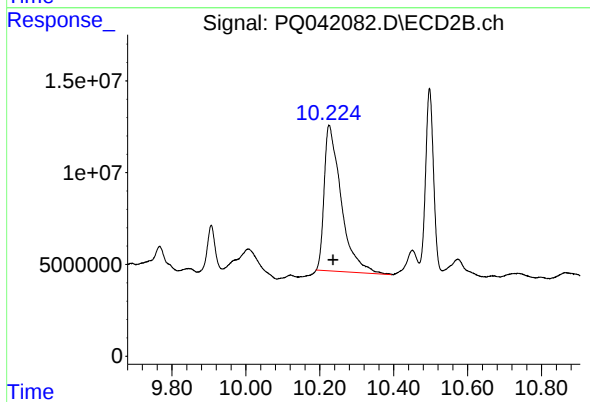
R.T.: 9.906 min
Delta R.T.: -0.012 min
Response: 39449986
Conc: 102.56 ng/ml



#45 AR-1268-5

R.T.: 11.715 min
Delta R.T.: -0.020 min
Response: 88457636
Conc: 21.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.225 min
Delta R.T.: -0.010 min
Response: 252994631
Conc: 97.40 ng/ml