

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071319\
 Data File : PQ041189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2019 14:54
 Operator : SM\AJ
 Sample : PB121330BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PB121330BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 02:25:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 2019
 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...	5.716	4.772	178.0E6	111.7E6	17.524	17.135
2)	SA Decachlor...	12.131	10.542	234.7E6	86315985	18.279	18.463
Target Compounds							
3)	L1 AR-1016-1	7.161	6.228	73386916	48548477	184.601	193.461
4)	L1 AR-1016-2	7.187	6.251	107.2E6	68049825	184.841	190.902
5)	L1 AR-1016-3	7.258	6.465	62489000	35554345	182.799	191.321
6)	L1 AR-1016-4	7.370	6.518	52923949	29259084	182.864	191.965
7)	L1 AR-1016-5	7.705	6.771	49792832	36557851	182.836	191.992
8)	L2 AR-1221-1	0.000	5.080	0	3549596	N.D.	47.914 #
9)	L2 AR-1221-2	0.000	5.197	0	5354158	N.D.	100.096 #
10)	L2 AR-1221-3	6.200	5.302	32264946	22399839	122.152	128.736
11)	L3 AR-1232-1	6.200	5.302	32264946	22399839	162.415	163.344
12)	L3 AR-1232-2	6.845	6.251	47262781	68049825	451.230	467.442
13)	L3 AR-1232-3	7.187	6.465	107.2E6	35554345	463.977	477.541
14)	L3 AR-1232-4	7.370	6.568	52923949	34984070	471.737	550.957
15)	L3 AR-1232-5	7.476	6.771	42499619	36557851	587.441	533.094
16)	L4 AR-1242-1	7.161	6.228	73386916	48548477	164.897	168.809
17)	L4 AR-1242-2	7.187	6.251	107.2E6	68049825	162.128	164.087
18)	L4 AR-1242-3	7.258	6.465	62489000	35554345	162.796	166.599
19)	L4 AR-1242-4	7.370	6.568	52923949	34984070	158.748	177.012
20)	L4 AR-1242-5	0.000	7.180	0	30284276	N.D.	101.976 #
21)	L5 AR-1248-1	7.161	6.228	73386916	48548477	240.453	248.495
22)	L5 AR-1248-2	7.476	6.518	42499619	29259084	110.235	114.552
23)	L5 AR-1248-3	7.705	6.568	49792832	34984070	101.464	134.229 #
24)	L5 AR-1248-4	8.122	6.771	30103728	36557851	50.576	115.207 #
25)	L5 AR-1248-5	0.000	7.227	0	4981786	N.D.	14.923 #
26)	L6 AR-1254-1	8.122	7.180	30103728	30284276	58.371	83.771 #
27)	L6 AR-1254-2	8.359	7.348	44394202	29269887	68.841	95.784 #
28)	L6 AR-1254-3	8.754	7.813	26435021	51452440	36.136	103.776 #
29)	L6 AR-1254-4	9.056	8.045	17564159	6022616	27.767	17.672 #
30)	L6 AR-1254-5	9.493	8.491	168.4E6	93396106	291.589	222.676
31)	L7 AR-1260-1	8.926	7.938	101.2E6	70301153	191.348	206.902
32)	L7 AR-1260-2	9.196	8.141	148.5E6	91709087	198.096	206.227
33)	L7 AR-1260-3	9.572	8.306	105.8E6	76410298	164.952	204.896
34)	L7 AR-1260-4	9.816	8.805	104.8E6	53418891	172.740	177.631
35)	L7 AR-1260-5	10.164	9.055	237.2E6	131.1E6	166.194	177.100
36)	L8 AR-1262-1	9.572	8.531	105.8E6	66018627	105.293	121.484
37)	L8 AR-1262-2	10.164	9.055	237.2E6	131.1E6	133.021	148.537
38)	L8 AR-1262-3	10.521	9.349	144.8E6	25885953	124.475	74.249 #
39)	L8 AR-1262-4	10.582	9.415	85419915	86530413	93.992	141.117 #
40)	L8 AR-1262-5	11.314	9.941	58156693	24902889	91.577	95.072
41)	L9 AR-1268-1	10.521	9.349	144.8E6	25885953	70.870	28.450 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071319\
 Data File : PQ041189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2019 14:54
 Operator : SM\AJ
 Sample : PB121330BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

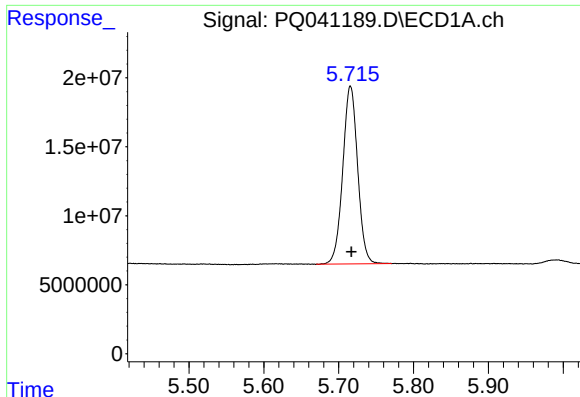
Instrument :
 ECD_Q
 ClientSampleId :
 PB121330BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 02:25:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 2019
 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	10.582	9.415	85419915	86530413	46.507	107.083 #
44) L9	AR-1268-4	11.314	9.941	58156693	24902889	88.366	90.409
45) L9	AR-1268-5	11.762	10.260	19324706	8190890	3.921	4.626

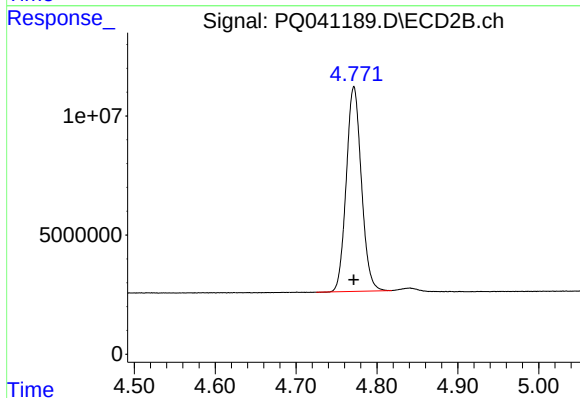
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

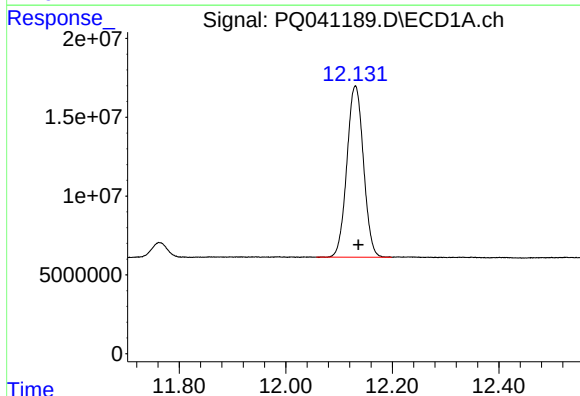
R.T.: 5.716 min
Delta R.T.: -0.001 min
Response: 178013380
Conc: 17.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



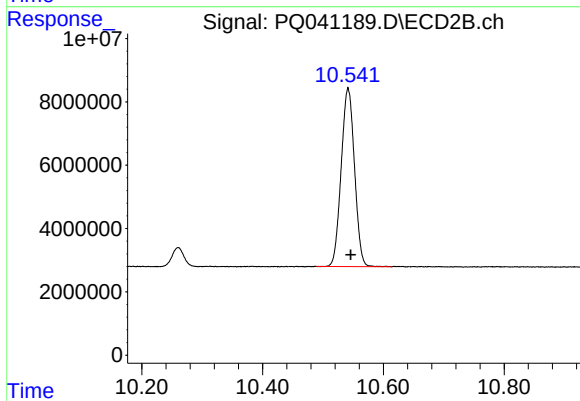
#1 Tetrachloro-m-xylene

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 111733719
Conc: 17.13 ng/ml



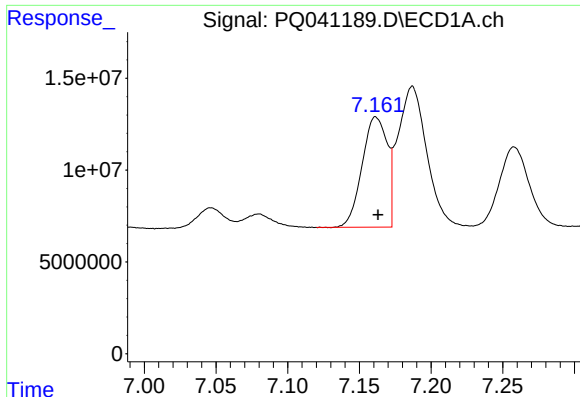
#2 Decachlorobiphenyl

R.T.: 12.131 min
Delta R.T.: -0.006 min
Response: 234746124
Conc: 18.28 ng/ml



#2 Decachlorobiphenyl

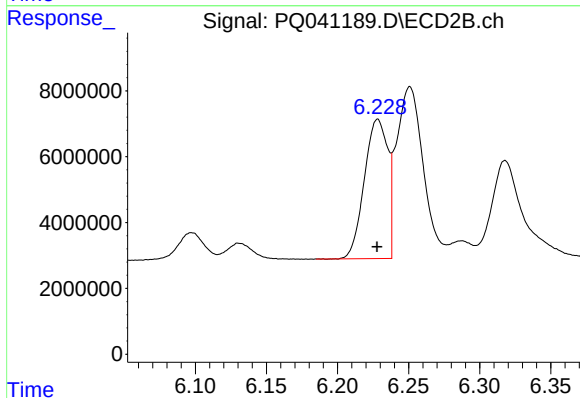
R.T.: 10.542 min
Delta R.T.: -0.004 min
Response: 86315985
Conc: 18.46 ng/ml



#3 AR-1016-1

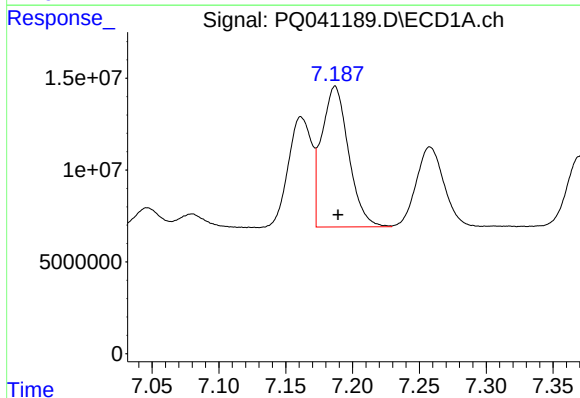
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 73386916
Conc: 184.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



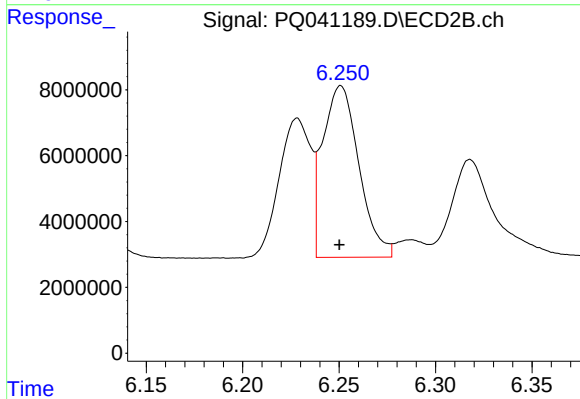
#3 AR-1016-1

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 48548477
Conc: 193.46 ng/ml



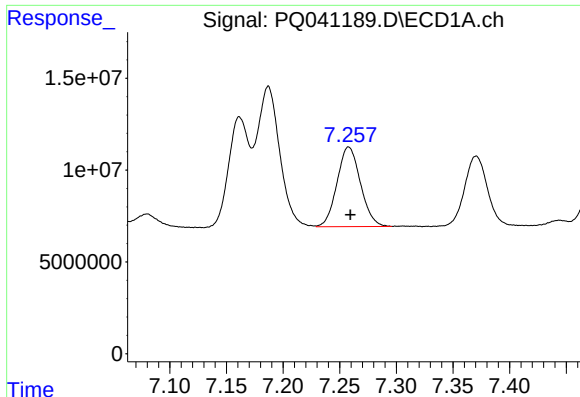
#4 AR-1016-2

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 107158100
Conc: 184.84 ng/ml



#4 AR-1016-2

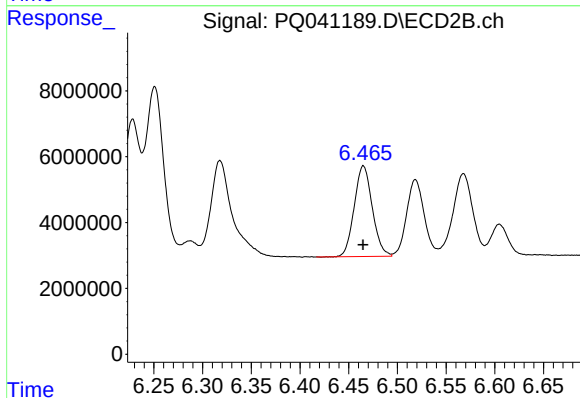
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 68049825
Conc: 190.90 ng/ml



#5 AR-1016-3

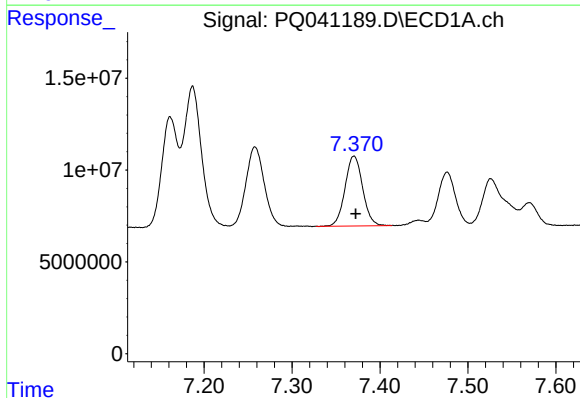
R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 62489000
Conc: 182.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



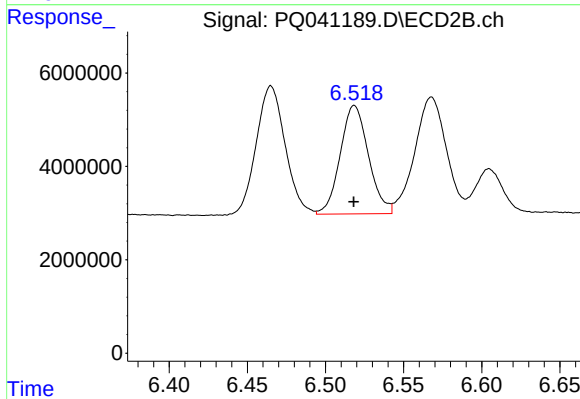
#5 AR-1016-3

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 35554345
Conc: 191.32 ng/ml



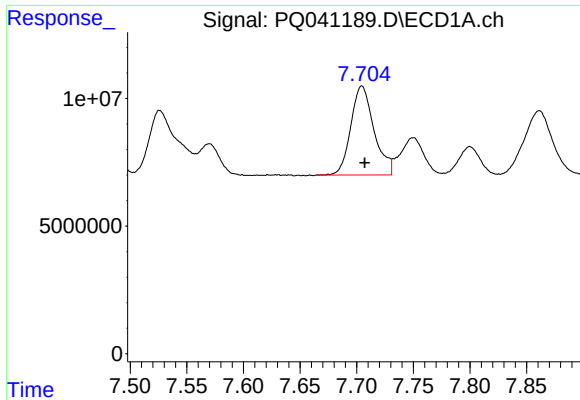
#6 AR-1016-4

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 52923949
Conc: 182.86 ng/ml



#6 AR-1016-4

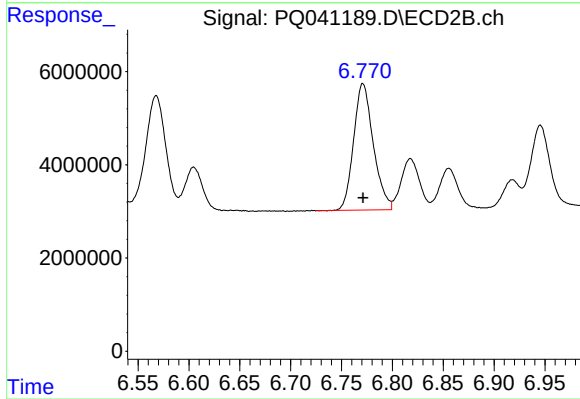
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 29259084
Conc: 191.96 ng/ml



#7 AR-1016-5

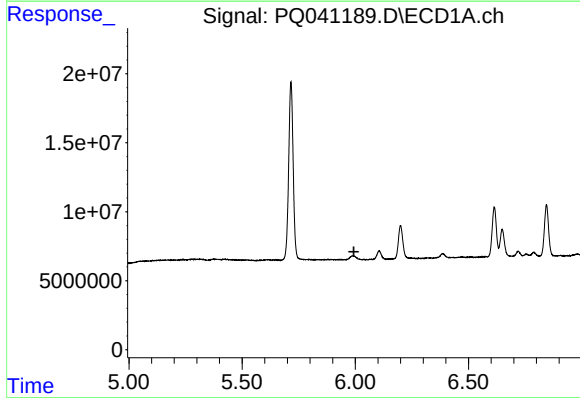
R.T.: 7.705 min
Delta R.T.: -0.002 min
Response: 49792832
Conc: 182.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



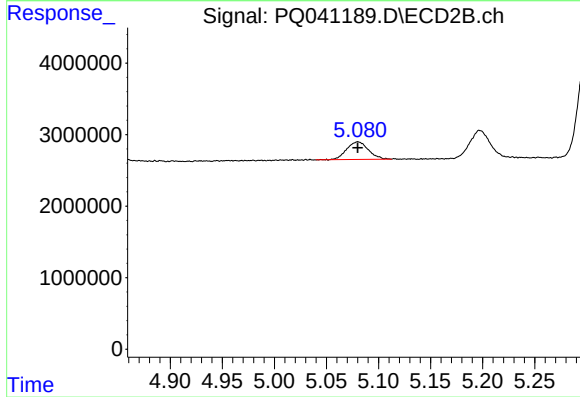
#7 AR-1016-5

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 36557851
Conc: 191.99 ng/ml



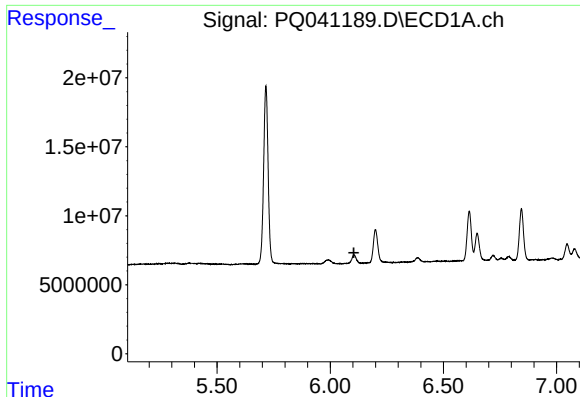
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.994 min
Response: 0
Conc: N.D.



#8 AR-1221-1

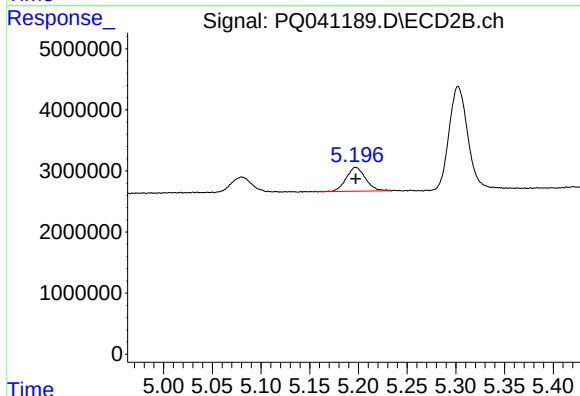
R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 3549596
Conc: 47.91 ng/ml



#9 AR-1221-2

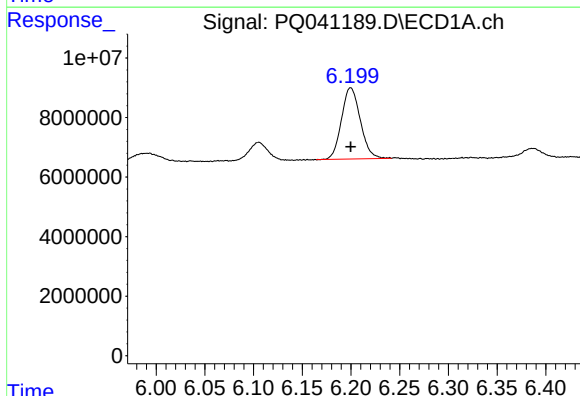
R.T.: 0.000 min
Exp R.T.: 6.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



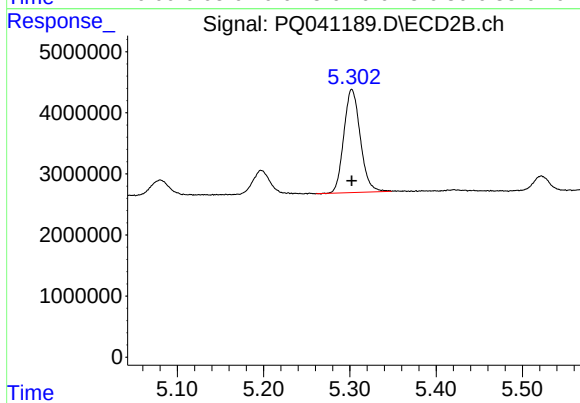
#9 AR-1221-2

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 5354158
Conc: 100.10 ng/ml



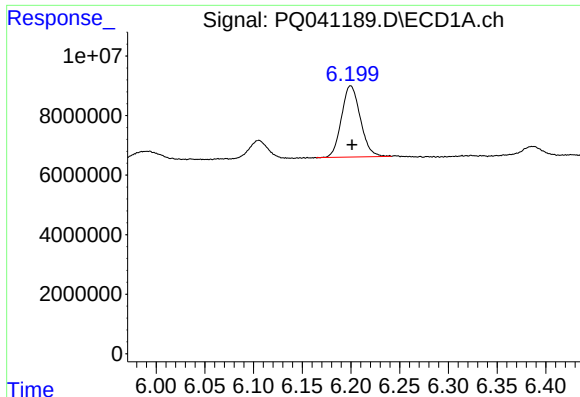
#10 AR-1221-3

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 32264946
Conc: 122.15 ng/ml



#10 AR-1221-3

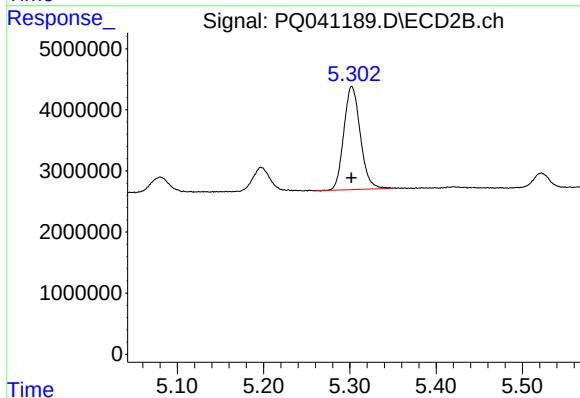
R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 22399839
Conc: 128.74 ng/ml



#11 AR-1232-1

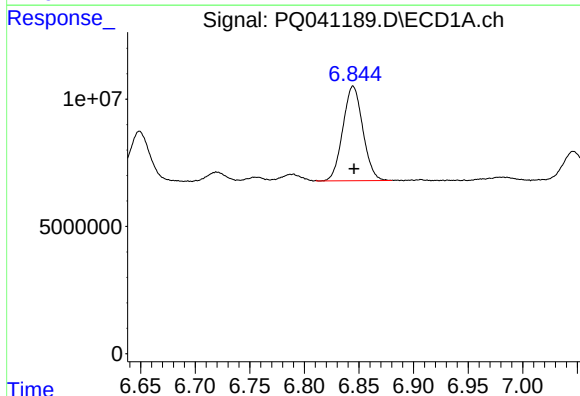
R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 32264946
Conc: 162.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



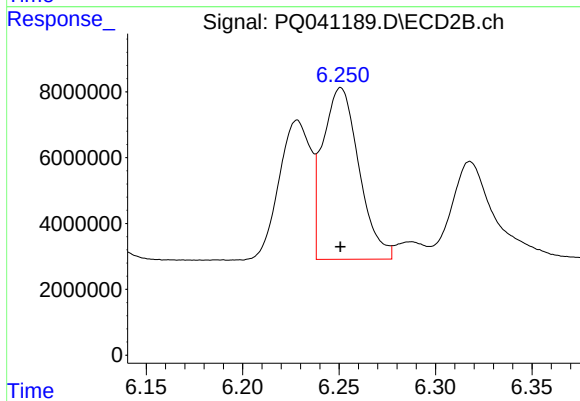
#11 AR-1232-1

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 22399839
Conc: 163.34 ng/ml



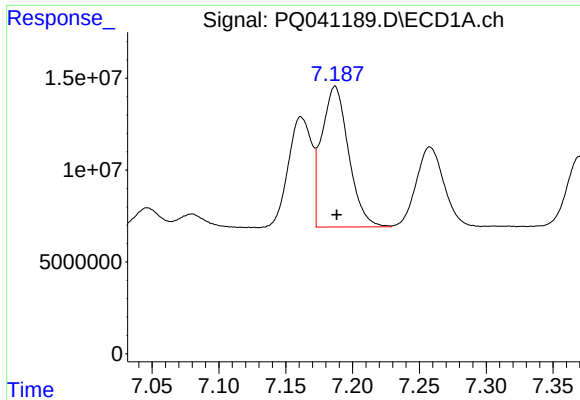
#12 AR-1232-2

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 47262781
Conc: 451.23 ng/ml



#12 AR-1232-2

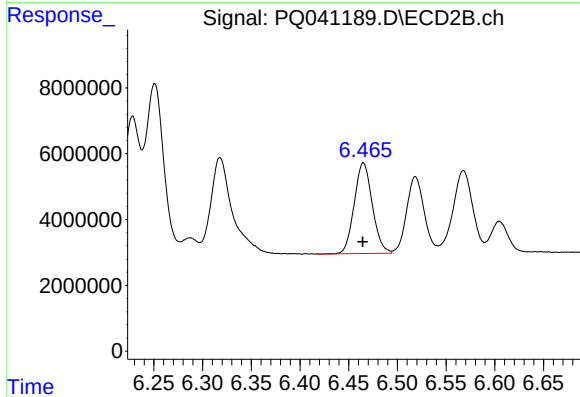
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 68049825
Conc: 467.44 ng/ml



#13 AR-1232-3

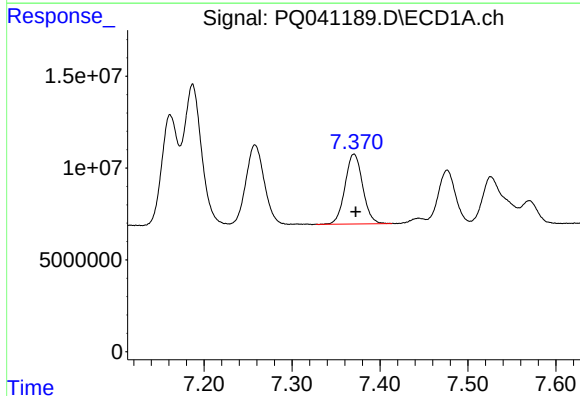
R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 107158100
Conc: 463.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



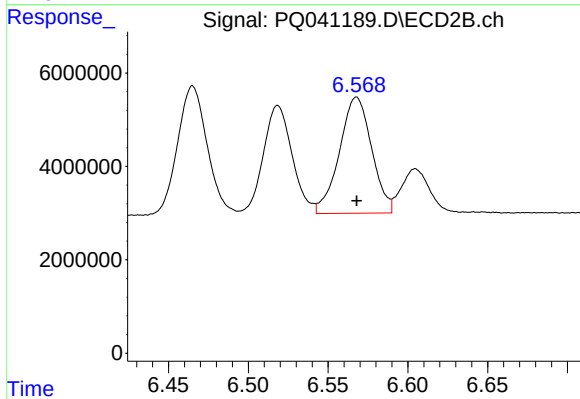
#13 AR-1232-3

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 35554345
Conc: 477.54 ng/ml



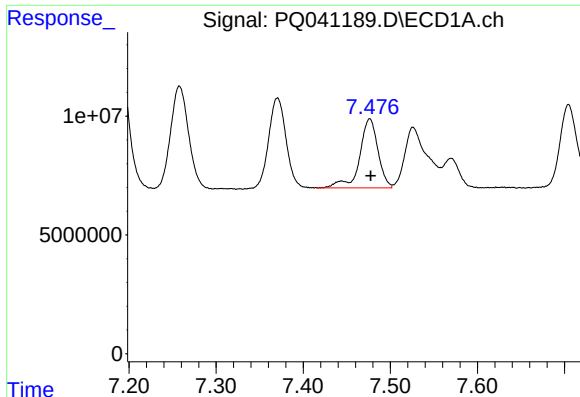
#14 AR-1232-4

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 52923949
Conc: 471.74 ng/ml



#14 AR-1232-4

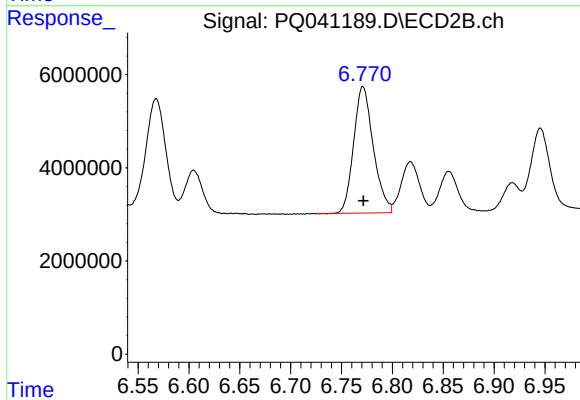
R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 34984070
Conc: 550.96 ng/ml



#15 AR-1232-5

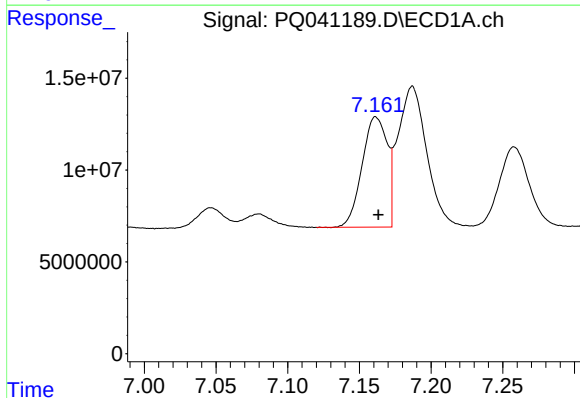
R.T.: 7.476 min
Delta R.T.: -0.001 min
Response: 42499619
Conc: 587.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



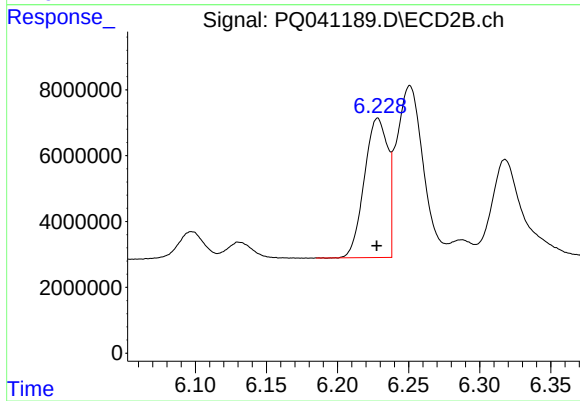
#15 AR-1232-5

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 36557851
Conc: 533.09 ng/ml



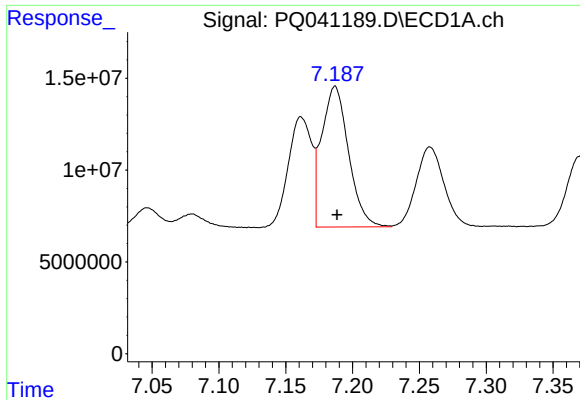
#16 AR-1242-1

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 73386916
Conc: 164.90 ng/ml



#16 AR-1242-1

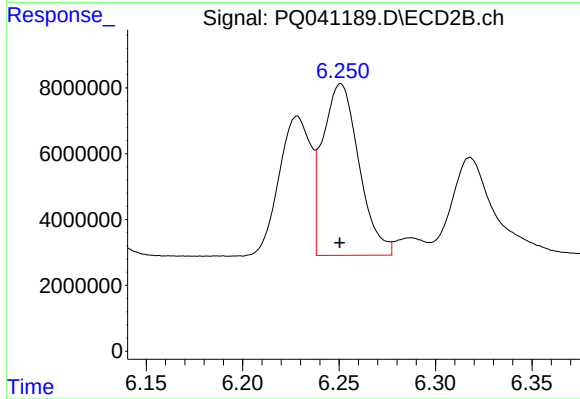
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 48548477
Conc: 168.81 ng/ml



#17 AR-1242-2

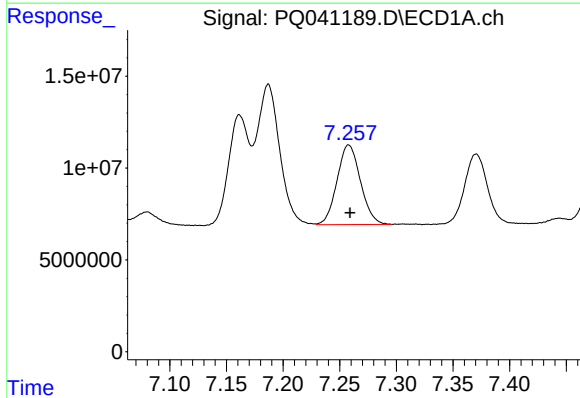
R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 107158100
Conc: 162.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



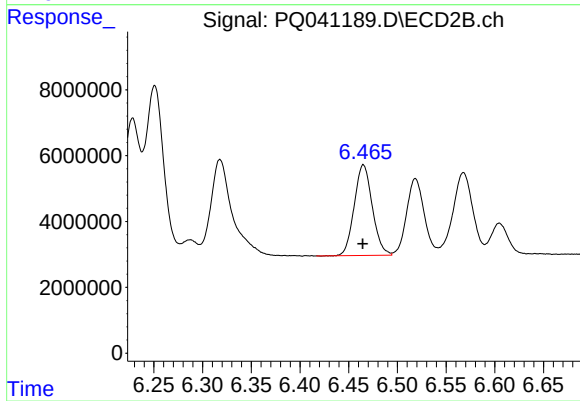
#17 AR-1242-2

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 68049825
Conc: 164.09 ng/ml



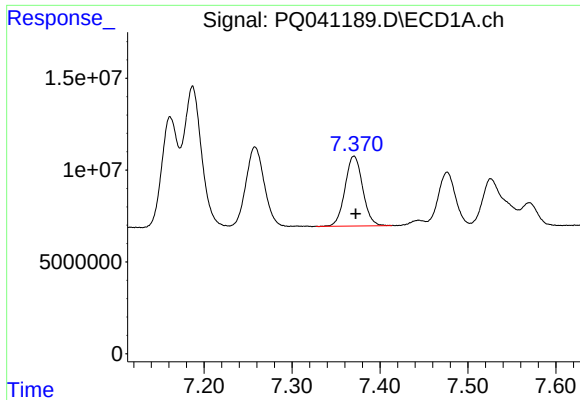
#18 AR-1242-3

R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 62489000
Conc: 162.80 ng/ml



#18 AR-1242-3

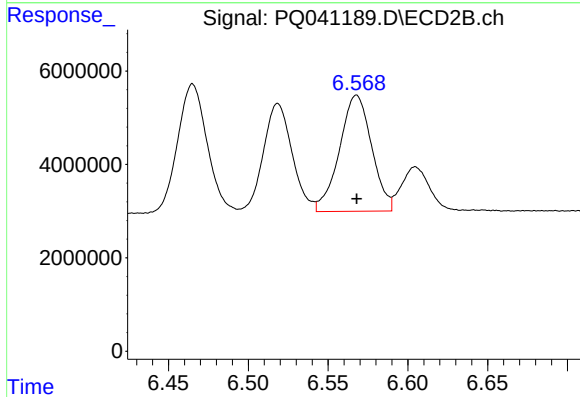
R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 35554345
Conc: 166.60 ng/ml



#19 AR-1242-4

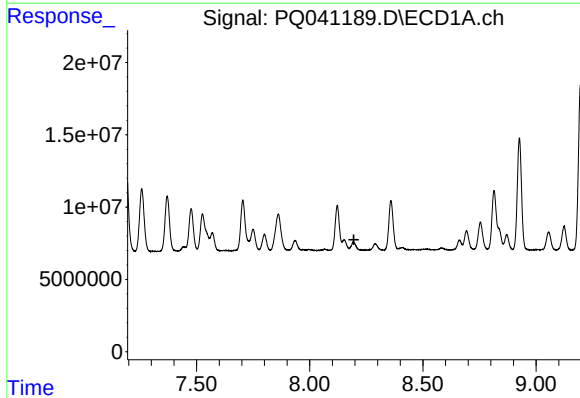
R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 52923949
Conc: 158.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



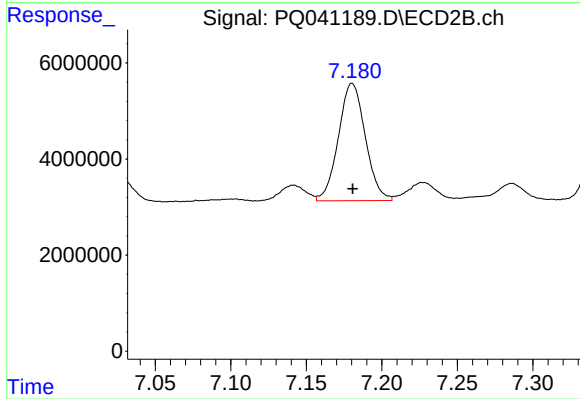
#19 AR-1242-4

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 34984070
Conc: 177.01 ng/ml



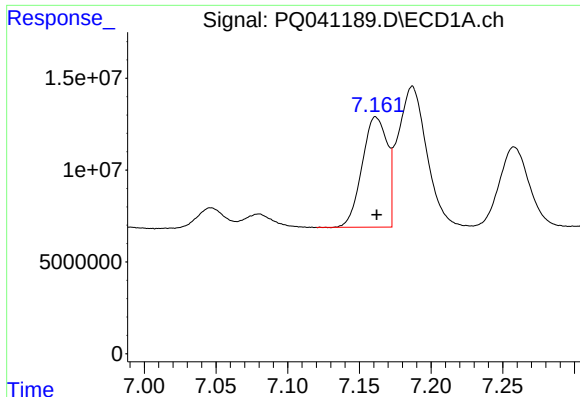
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.195 min
Response: 0
Conc: N.D.



#20 AR-1242-5

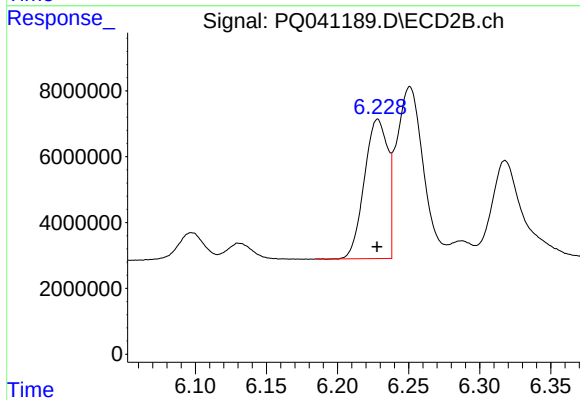
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 30284276
Conc: 101.98 ng/ml



#21 AR-1248-1

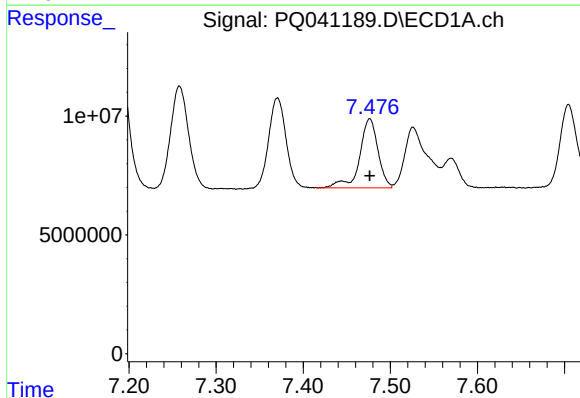
R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 73386916
Conc: 240.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



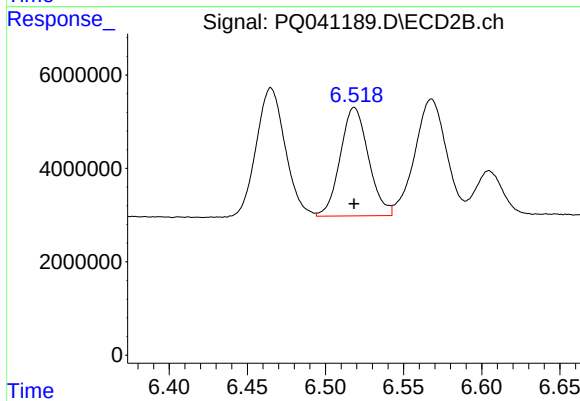
#21 AR-1248-1

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 48548477
Conc: 248.50 ng/ml



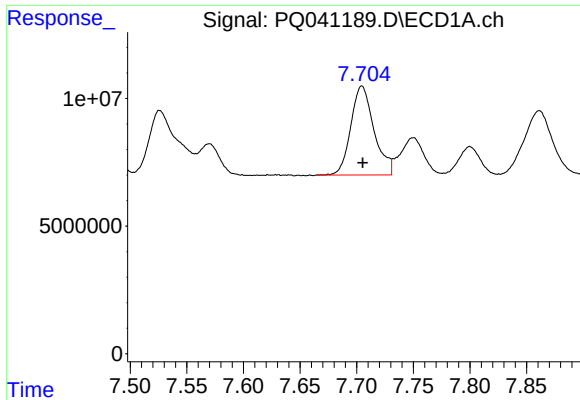
#22 AR-1248-2

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 42499619
Conc: 110.24 ng/ml



#22 AR-1248-2

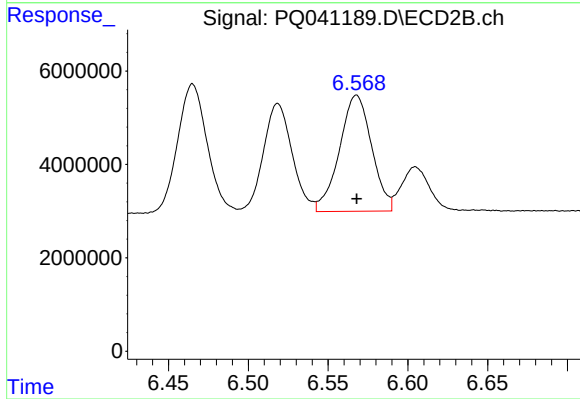
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 29259084
Conc: 114.55 ng/ml



#23 AR-1248-3

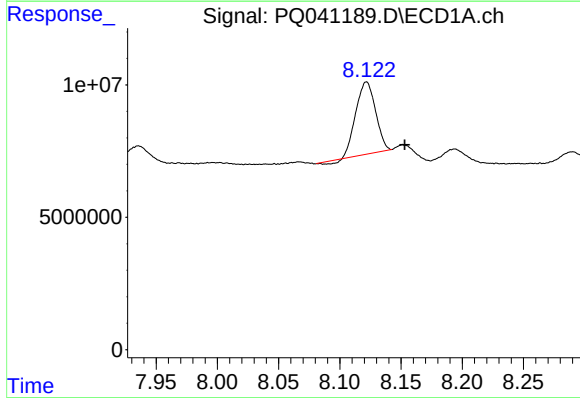
R.T.: 7.705 min
Delta R.T.: 0.000 min
Response: 49792832
Conc: 101.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



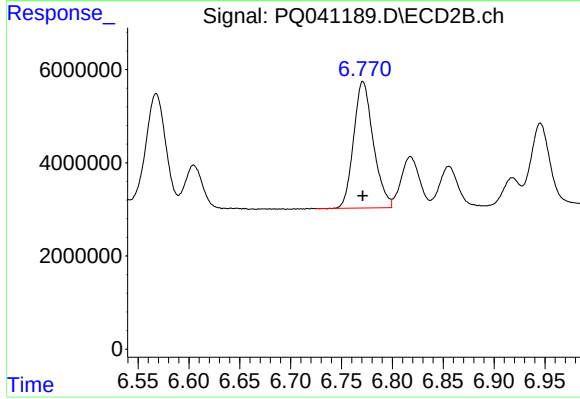
#23 AR-1248-3

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 34984070
Conc: 134.23 ng/ml



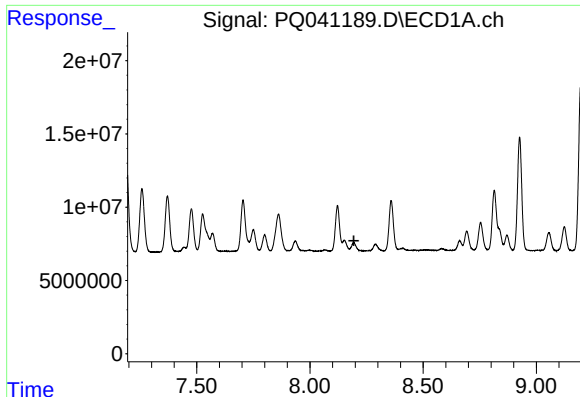
#24 AR-1248-4

R.T.: 8.122 min
Delta R.T.: -0.031 min
Response: 30103728
Conc: 50.58 ng/ml



#24 AR-1248-4

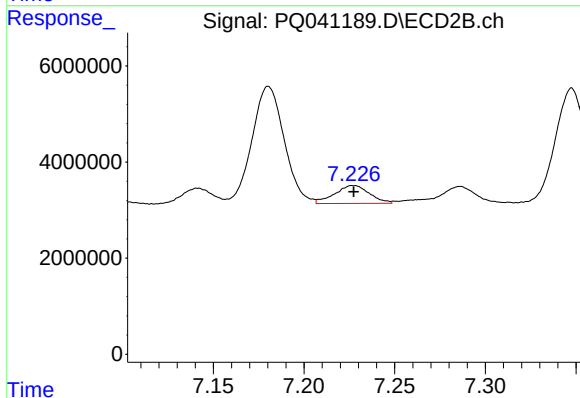
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 36557851
Conc: 115.21 ng/ml



#25 AR-1248-5

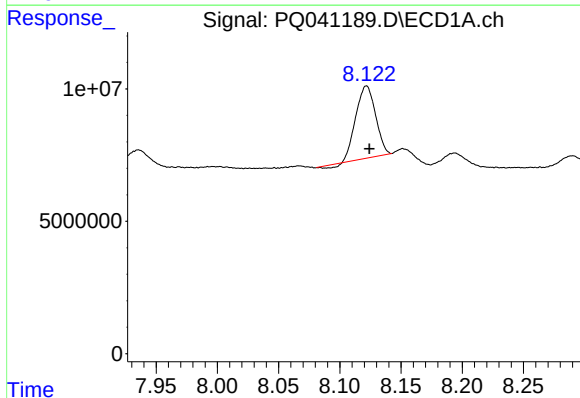
R.T.: 0.000 min
Exp R.T.: 8.194 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



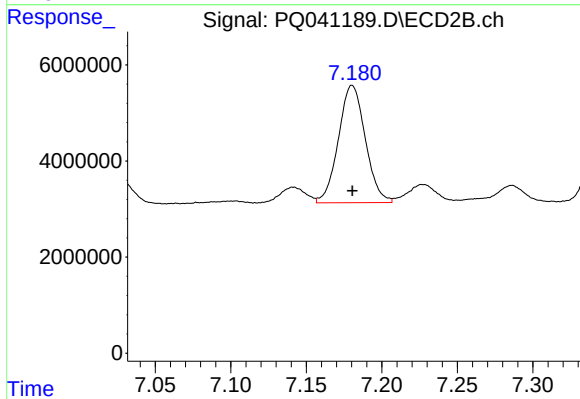
#25 AR-1248-5

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 4981786
Conc: 14.92 ng/ml



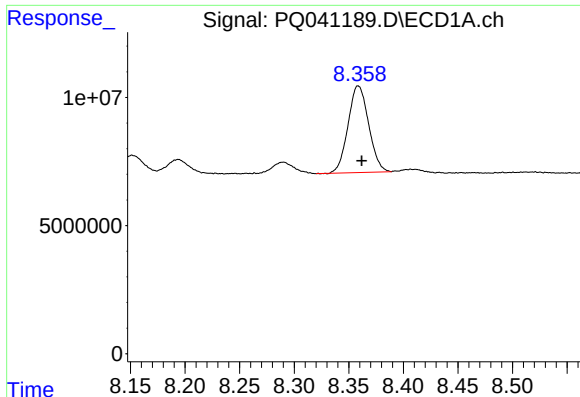
#26 AR-1254-1

R.T.: 8.122 min
Delta R.T.: -0.002 min
Response: 30103728
Conc: 58.37 ng/ml



#26 AR-1254-1

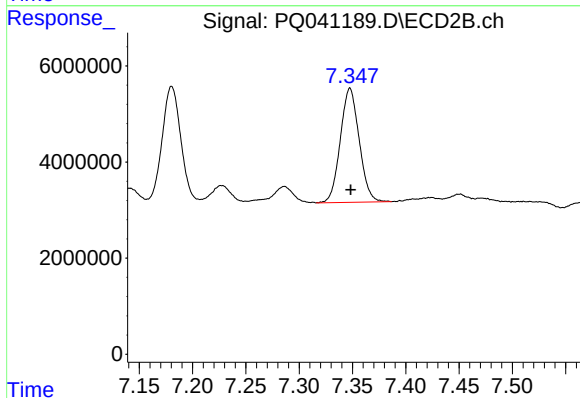
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 30284276
Conc: 83.77 ng/ml



#27 AR-1254-2

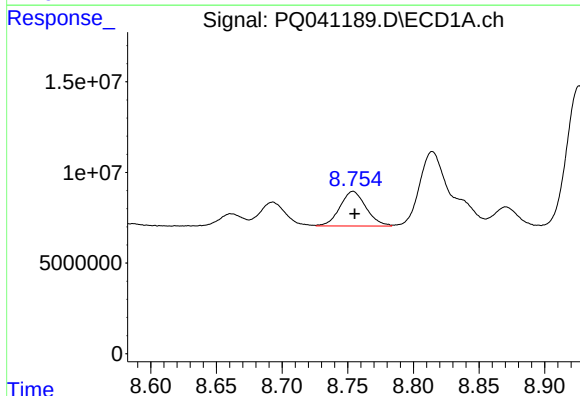
R.T.: 8.359 min
Delta R.T.: -0.003 min
Response: 44394202
Conc: 68.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



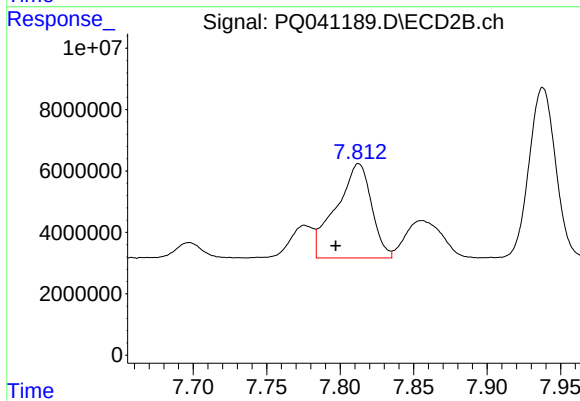
#27 AR-1254-2

R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 29269887
Conc: 95.78 ng/ml



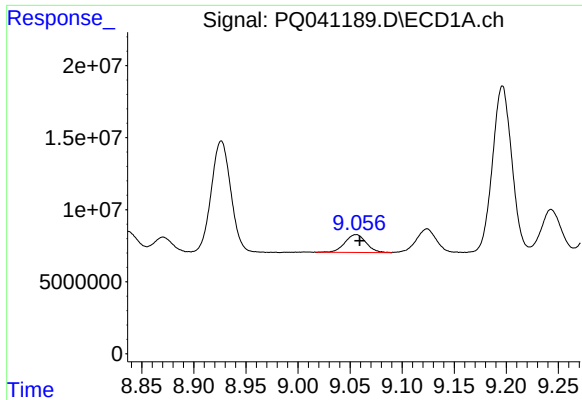
#28 AR-1254-3

R.T.: 8.754 min
Delta R.T.: -0.001 min
Response: 26435021
Conc: 36.14 ng/ml



#28 AR-1254-3

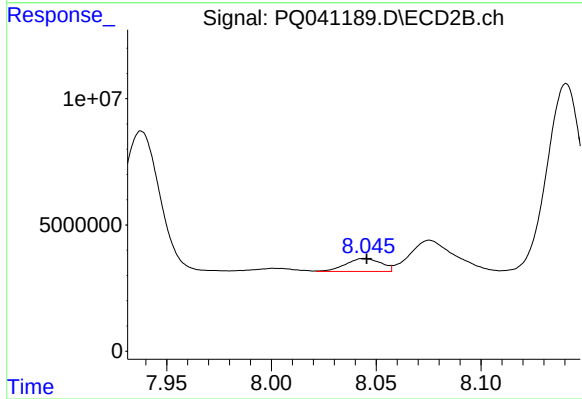
R.T.: 7.813 min
Delta R.T.: 0.016 min
Response: 51452440
Conc: 103.78 ng/ml



#29 AR-1254-4

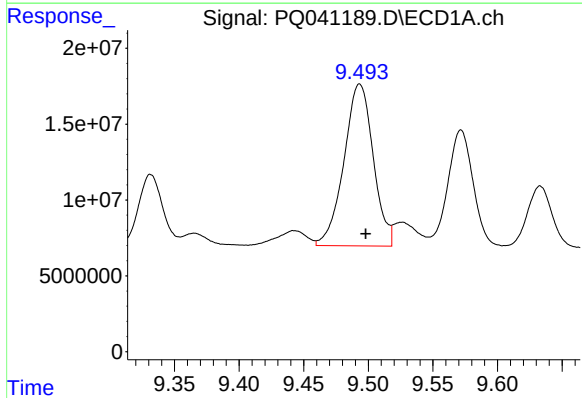
R.T.: 9.056 min
Delta R.T.: -0.003 min
Response: 17564159
Conc: 27.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



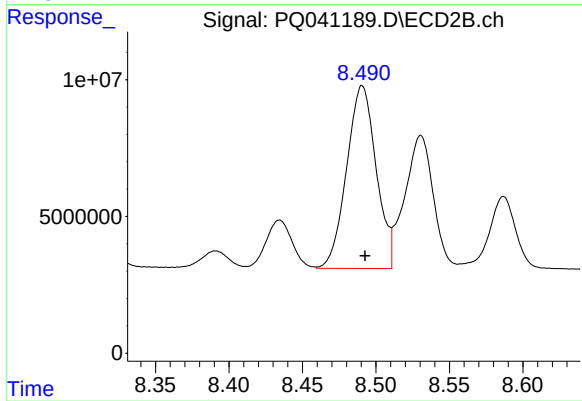
#29 AR-1254-4

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 6022616
Conc: 17.67 ng/ml



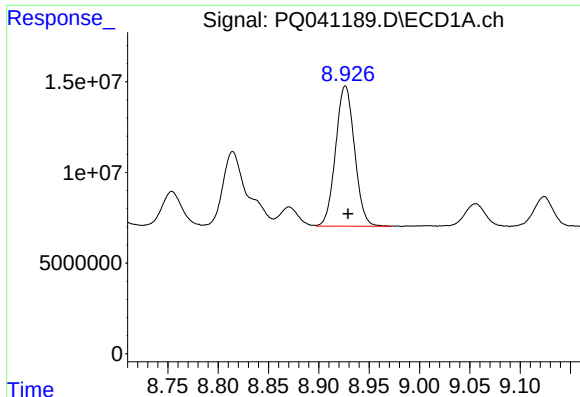
#30 AR-1254-5

R.T.: 9.493 min
Delta R.T.: -0.005 min
Response: 168396671
Conc: 291.59 ng/ml



#30 AR-1254-5

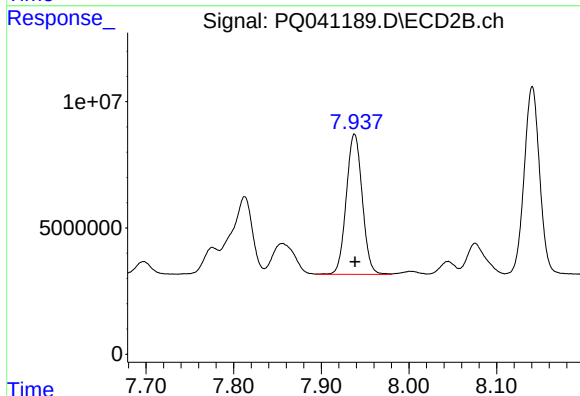
R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 93396106
Conc: 222.68 ng/ml



#31 AR-1260-1

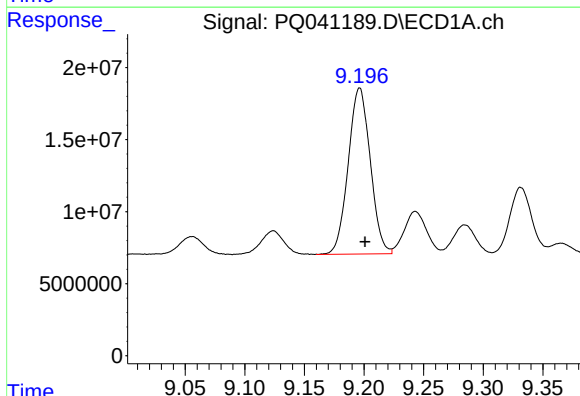
R.T.: 8.926 min
Delta R.T.: -0.003 min
Response: 101199328
Conc: 191.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



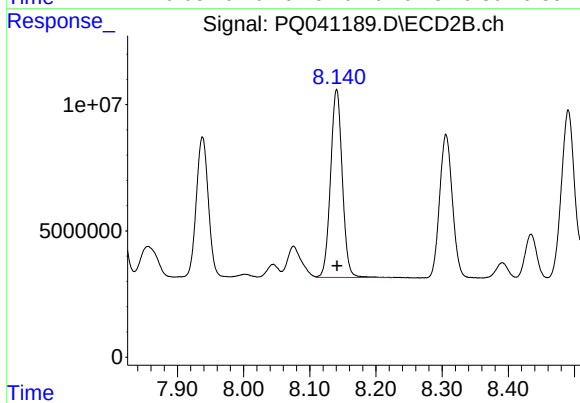
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 70301153
Conc: 206.90 ng/ml



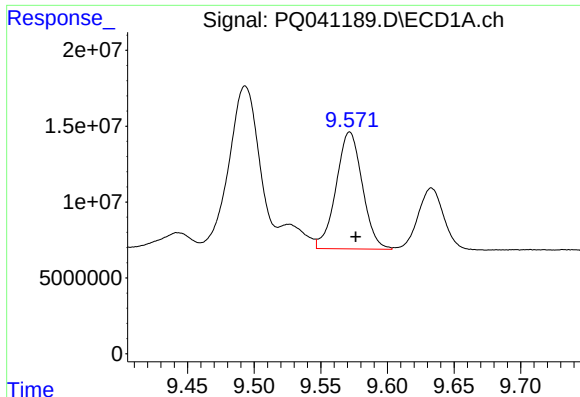
#32 AR-1260-2

R.T.: 9.196 min
Delta R.T.: -0.004 min
Response: 148479139
Conc: 198.10 ng/ml



#32 AR-1260-2

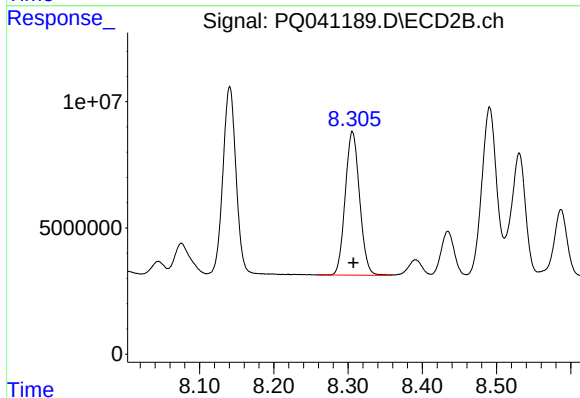
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 91709087
Conc: 206.23 ng/ml



#33 AR-1260-3

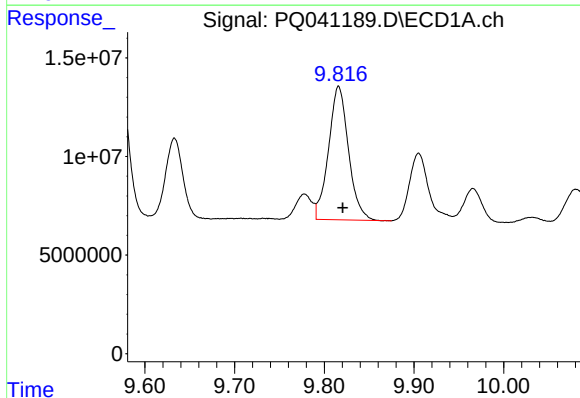
R.T.: 9.572 min
Delta R.T.: -0.004 min
Response: 105813050
Conc: 164.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



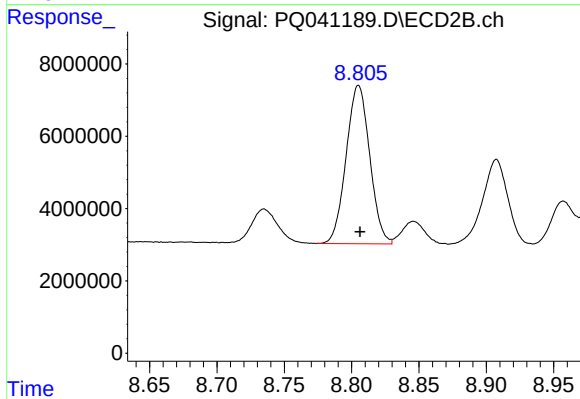
#33 AR-1260-3

R.T.: 8.306 min
Delta R.T.: -0.001 min
Response: 76410298
Conc: 204.90 ng/ml



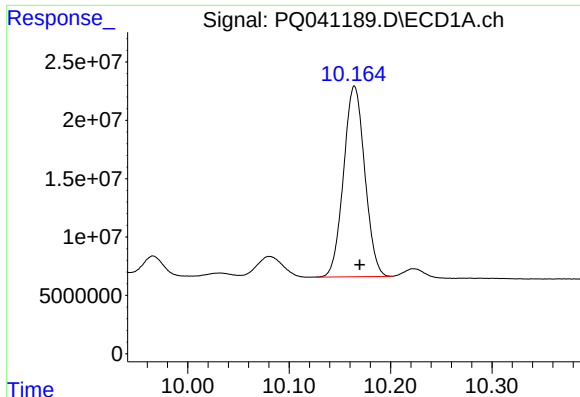
#34 AR-1260-4

R.T.: 9.816 min
Delta R.T.: -0.004 min
Response: 104806695
Conc: 172.74 ng/ml



#34 AR-1260-4

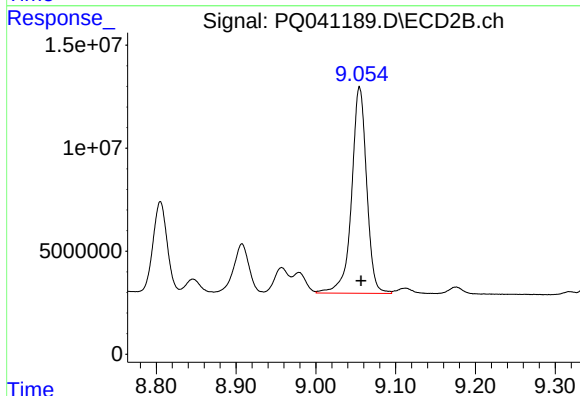
R.T.: 8.805 min
Delta R.T.: -0.001 min
Response: 53418891
Conc: 177.63 ng/ml



#35 AR-1260-5

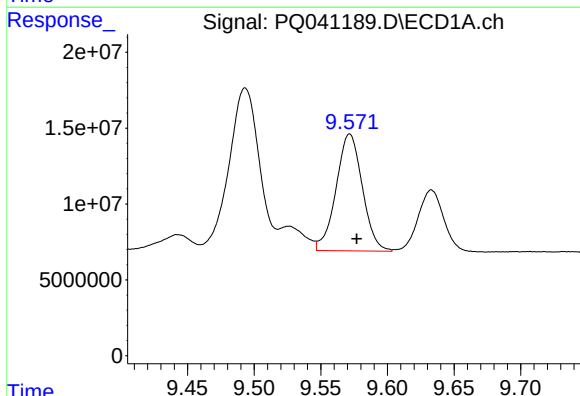
R.T.: 10.164 min
Delta R.T.: -0.005 min
Response: 237173749
Conc: 166.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



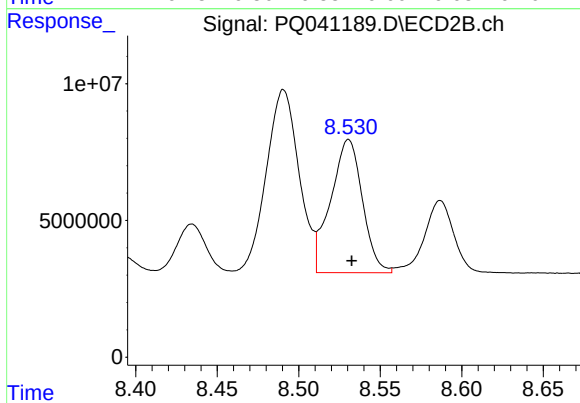
#35 AR-1260-5

R.T.: 9.055 min
Delta R.T.: -0.002 min
Response: 131144787
Conc: 177.10 ng/ml



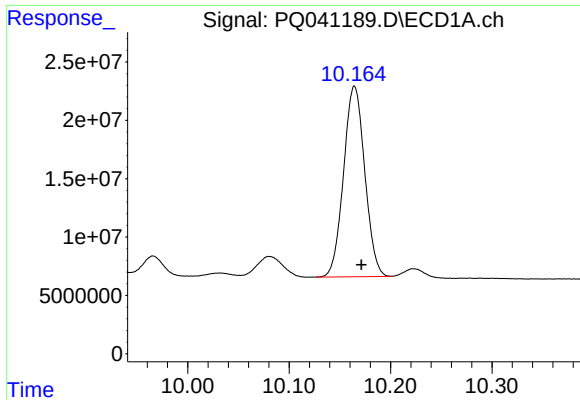
#36 AR-1262-1

R.T.: 9.572 min
Delta R.T.: -0.005 min
Response: 105813050
Conc: 105.29 ng/ml



#36 AR-1262-1

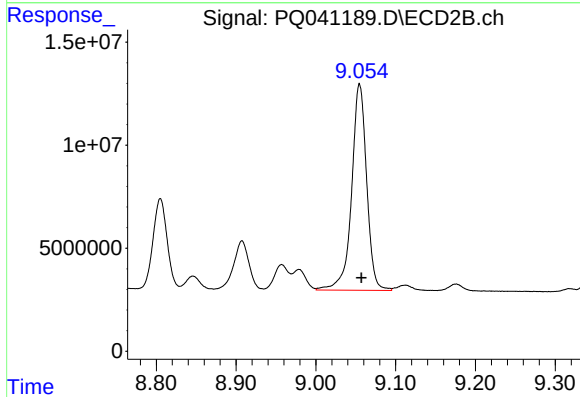
R.T.: 8.531 min
Delta R.T.: -0.002 min
Response: 66018627
Conc: 121.48 ng/ml



#37 AR-1262-2

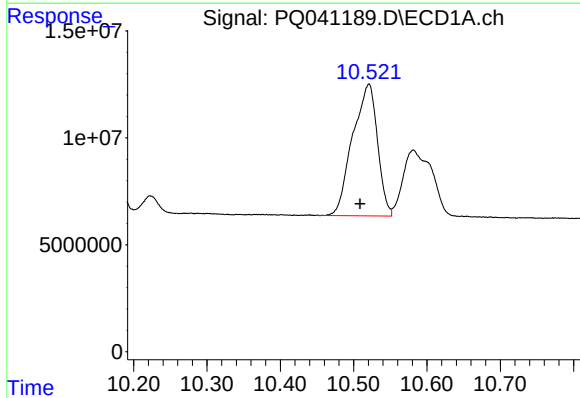
R.T.: 10.164 min
Delta R.T.: -0.007 min
Response: 237173749
Conc: 133.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



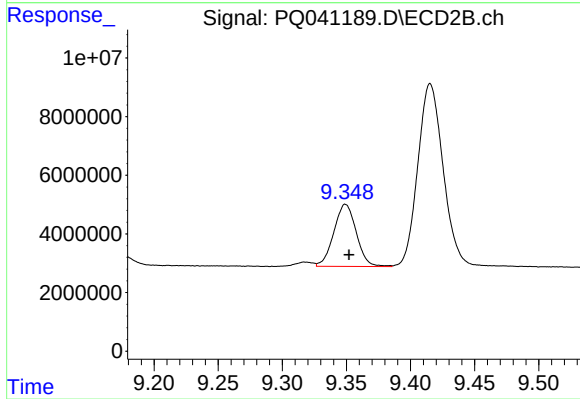
#37 AR-1262-2

R.T.: 9.055 min
Delta R.T.: -0.002 min
Response: 131144787
Conc: 148.54 ng/ml



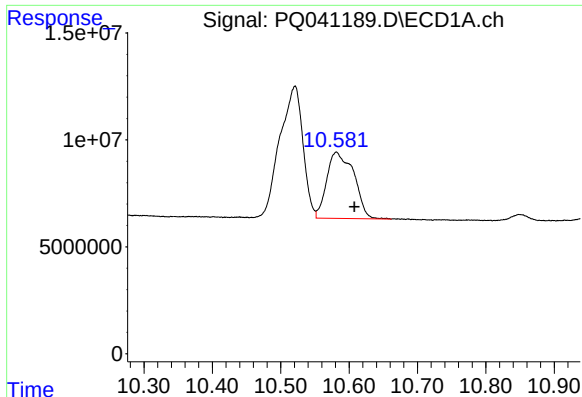
#38 AR-1262-3

R.T.: 10.521 min
Delta R.T.: 0.012 min
Response: 144830590
Conc: 124.47 ng/ml



#38 AR-1262-3

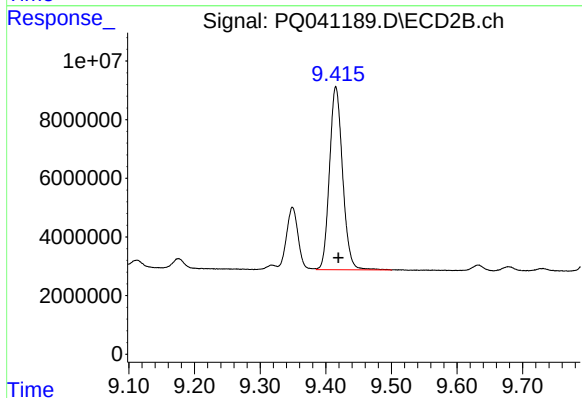
R.T.: 9.349 min
Delta R.T.: -0.003 min
Response: 25885953
Conc: 74.25 ng/ml



#39 AR-1262-4

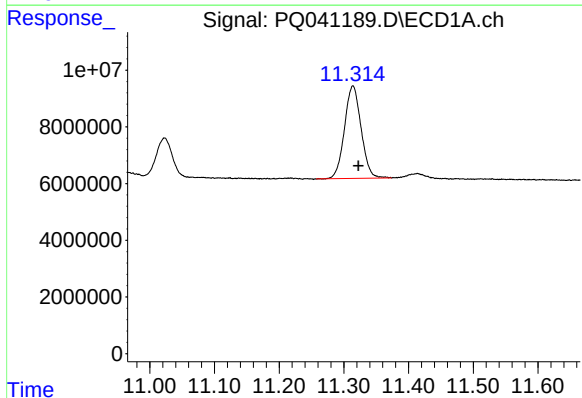
R.T.: 10.582 min
Delta R.T.: -0.026 min
Response: 85419915
Conc: 93.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



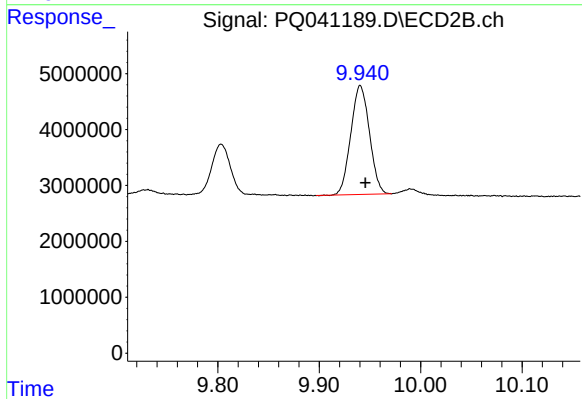
#39 AR-1262-4

R.T.: 9.415 min
Delta R.T.: -0.004 min
Response: 86530413
Conc: 141.12 ng/ml



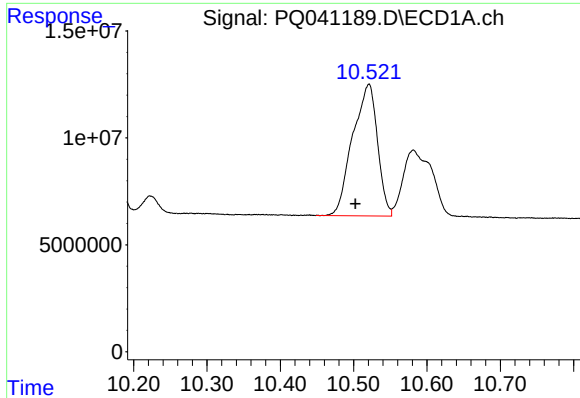
#40 AR-1262-5

R.T.: 11.314 min
Delta R.T.: -0.009 min
Response: 58156693
Conc: 91.58 ng/ml



#40 AR-1262-5

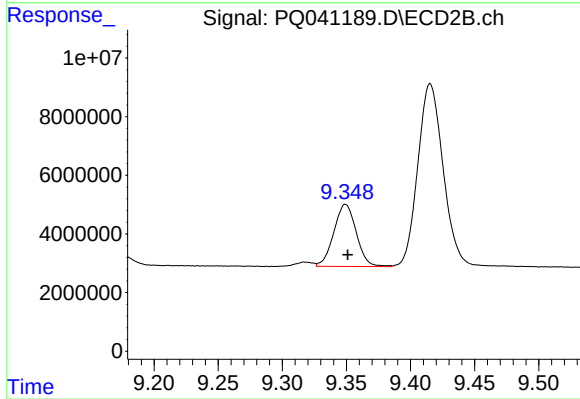
R.T.: 9.941 min
Delta R.T.: -0.005 min
Response: 24902889
Conc: 95.07 ng/ml



#41 AR-1268-1

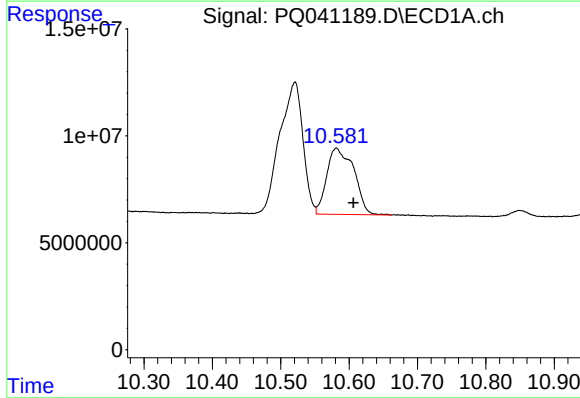
R.T.: 10.521 min
Delta R.T.: 0.019 min
Response: 144830590
Conc: 70.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



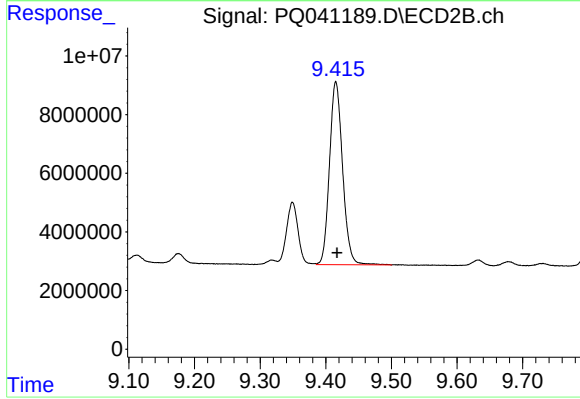
#41 AR-1268-1

R.T.: 9.349 min
Delta R.T.: -0.002 min
Response: 25885953
Conc: 28.45 ng/ml



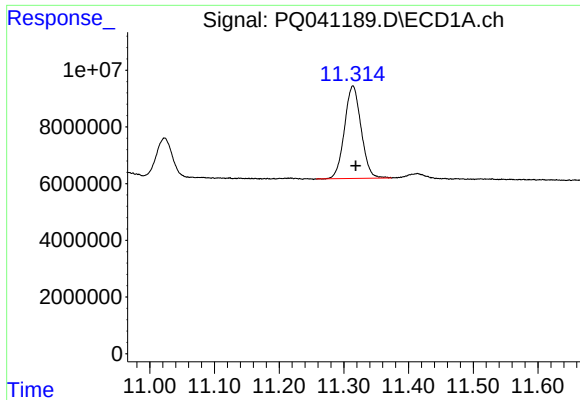
#42 AR-1268-2

R.T.: 10.582 min
Delta R.T.: -0.025 min
Response: 85419915
Conc: 46.51 ng/ml



#42 AR-1268-2

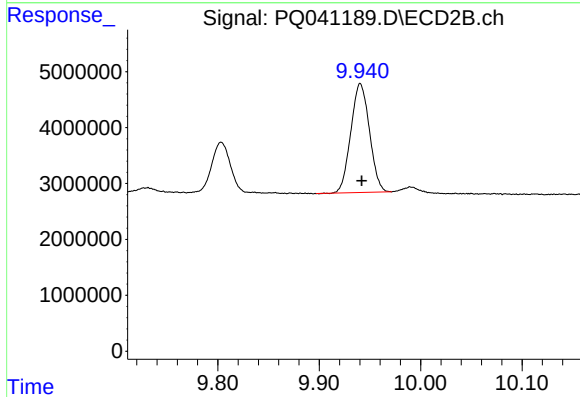
R.T.: 9.415 min
Delta R.T.: -0.002 min
Response: 86530413
Conc: 107.08 ng/ml



#44 AR-1268-4

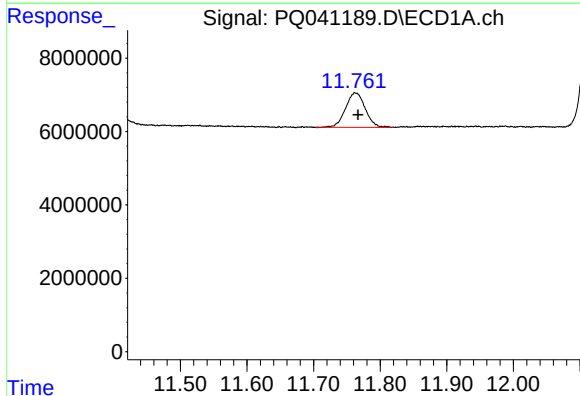
R.T.: 11.314 min
Delta R.T.: -0.004 min
Response: 58156693
Conc: 88.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121330BS



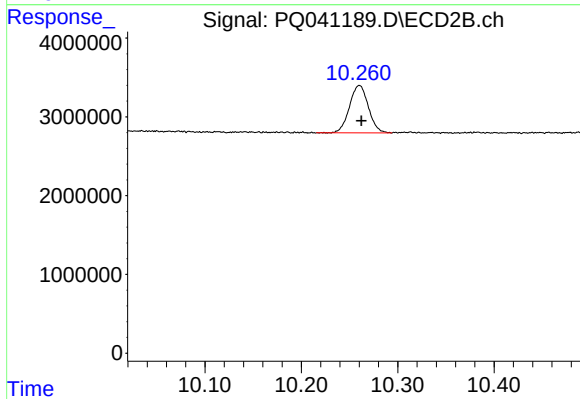
#44 AR-1268-4

R.T.: 9.941 min
Delta R.T.: -0.002 min
Response: 24902889
Conc: 90.41 ng/ml



#45 AR-1268-5

R.T.: 11.762 min
Delta R.T.: -0.004 min
Response: 19324706
Conc: 3.92 ng/ml



#45 AR-1268-5

R.T.: 10.260 min
Delta R.T.: -0.002 min
Response: 8190890
Conc: 4.63 ng/ml