

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070620\
 Data File : PQ048611.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2020 13:09
 Operator : DD\AJ
 Sample : L3208-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 14:38:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ061720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 17 15:37:20 2020
 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...	5.283	4.292	137.7E6	75095941	18.687	21.270
2)	SA Decachlor...	11.540	9.653	197.8E6	94388819	20.440	19.614
Target Compounds							
3)	L1 AR-1016-1	6.614	5.556	10090274	5164452	35.161	36.551
4)	L1 AR-1016-2	6.640	5.577	14272934	6240423	36.011	32.322
5)	L1 AR-1016-3	6.705	5.768	7986124	4845793	32.373	51.011 #
6)	L1 AR-1016-4	6.818	5.819	76048945	65955819	373.073	849.718 #
7)	L1 AR-1016-5	7.129	6.050	63657385	37334773	313.834	347.248
9)	L2 AR-1221-2	5.638	0.000	2722464	0	47.270	N.D. #
10)	L2 AR-1221-3	5.724	4.739	4719215	1237980	26.325	14.452 #
11)	L3 AR-1232-1	5.724	4.739	4719215	1237980	37.215	20.767 #
12)	L3 AR-1232-2	6.317	5.577	5173609	6240423	78.068	94.601
13)	L3 AR-1232-3	6.640	5.768	14272934	4845793	102.760	147.409 #
14)	L3 AR-1232-4	6.818	5.864	76048945	22752080	1075.488	732.103 #
15)	L3 AR-1232-5	6.908	6.050	117.4E6	37334773	2098.595	1062.087 #
16)	L4 AR-1242-1	6.614	5.556	10090274	5164452	47.838	49.917
17)	L4 AR-1242-2	6.640	5.577	14272934	6240423	48.305	44.253
18)	L4 AR-1242-3	6.705	5.768	7986124	4845793	43.453	68.036 #
19)	L4 AR-1242-4	6.818	5.864	76048945	22752080	502.111	311.764 #
20)	L4 AR-1242-5	7.601	6.429	90172823	273.5E6	510.344	2624.850 #
21)	L5 AR-1248-1	6.614	5.556	10090274	5164452	62.710	66.335
22)	L5 AR-1248-2	6.908	5.819	117.4E6	65955819	528.646	654.474
23)	L5 AR-1248-3	7.129	5.864	63657385	22752080	255.760	217.790
24)	L5 AR-1248-4	7.559	6.050	118.8E6	37334773	399.351	283.815 #
25)	L5 AR-1248-5	7.601	6.472	90172823	25015048	318.743	183.594 #
26)	L6 AR-1254-1	7.527	6.429	401.1E6	273.5E6	1325.781	1222.942
27)	L6 AR-1254-2	7.756	6.587	617.0E6	285.3E6	1287.552	1435.458
28)	L6 AR-1254-3	8.142	7.010	561.8E6	439.8E6	1066.710	1280.267
29)	L6 AR-1254-4	8.438	7.246	453.9E6	200.8E6	1099.492	891.032
30)	L6 AR-1254-5	8.868	7.675	1871.0E6	954.6E6	4090.209	3014.487 #
31)	L7 AR-1260-1	8.307	7.145	1086.3E6	644.8E6	2881.437	2968.649
32)	L7 AR-1260-2	8.572	7.340	1430.2E6	776.0E6	3113.476	2877.756
33)	L7 AR-1260-3	8.941	7.497	980.1E6	686.6E6	2668.792	2773.369
34)	L7 AR-1260-4	9.189	7.981	1226.8E6	536.7E6	2863.784	2510.091
35)	L7 AR-1260-5	9.541	8.226	2525.5E6	1471.2E6	2816.738	2726.361
36)	L8 AR-1262-1	8.941	7.675	980.1E6	954.6E6	1736.360	5505.171 #
37)	L8 AR-1262-2	9.541	8.226	2525.5E6	1471.2E6	2298.529	2207.189
38)	L8 AR-1262-3	9.879	8.515	510.2E6	271.3E6	1036.100	1087.212
39)	L8 AR-1262-4	9.963	8.578	912.6E6	1041.2E6	1590.696	2165.241 #
40)	L8 AR-1262-5	10.716	9.084	648.0E6	340.5E6	1522.427	1525.051
41)	L9 AR-1268-1	9.879	8.515	510.2E6	271.3E6	387.895	356.278
42)	L9 AR-1268-2	9.963	8.578	912.6E6	1041.2E6	738.497	1485.438 #

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 Operator : DD\AJ
 Sample : L3208-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

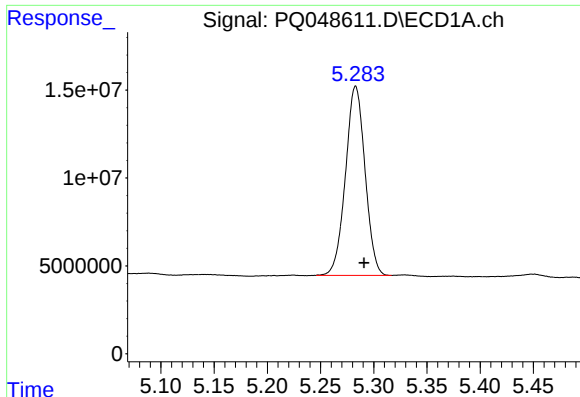
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 14:38:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ061720.M
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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
43) L9	AR-1268-3	10.230	8.791	89978922	13845956	86.240	24.053 #
44) L9	AR-1268-4	10.716	9.084	648.0E6	340.5E6	1361.708	1364.117
45) L9	AR-1268-5	11.169	9.388	146.1E6	73325330	40.668	37.897

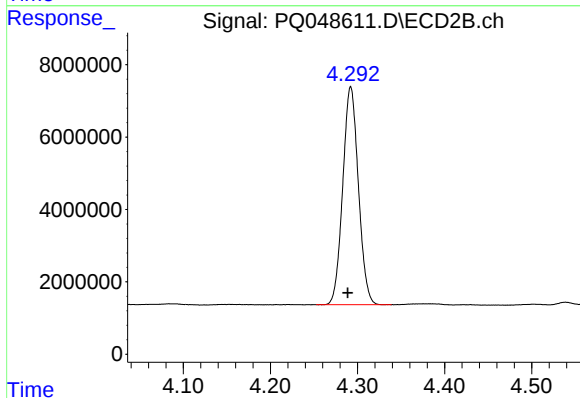
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

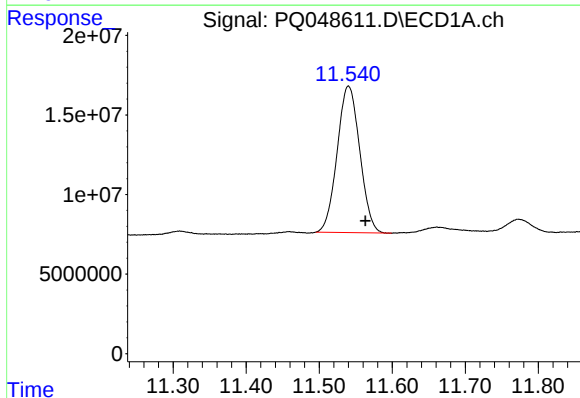
R.T.: 5.283 min
Delta R.T.: -0.008 min
Response: 137745574
Conc: 18.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



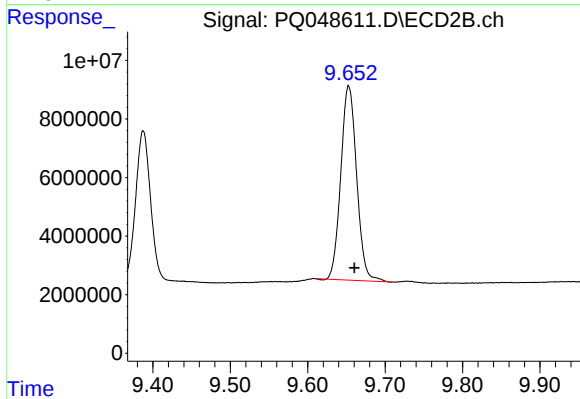
#1 Tetrachloro-m-xylene

R.T.: 4.292 min
Delta R.T.: 0.004 min
Response: 75095941
Conc: 21.27 ng/ml



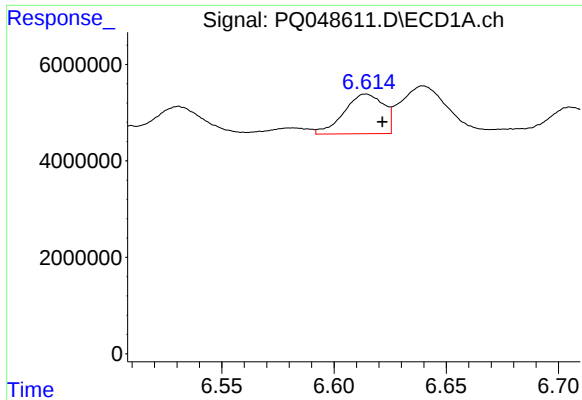
#2 Decachlorobiphenyl

R.T.: 11.540 min
Delta R.T.: -0.023 min
Response: 197781995
Conc: 20.44 ng/ml



#2 Decachlorobiphenyl

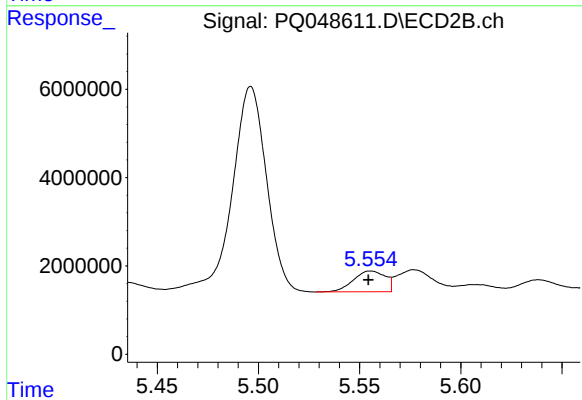
R.T.: 9.653 min
Delta R.T.: -0.008 min
Response: 94388819
Conc: 19.61 ng/ml



#3 AR-1016-1

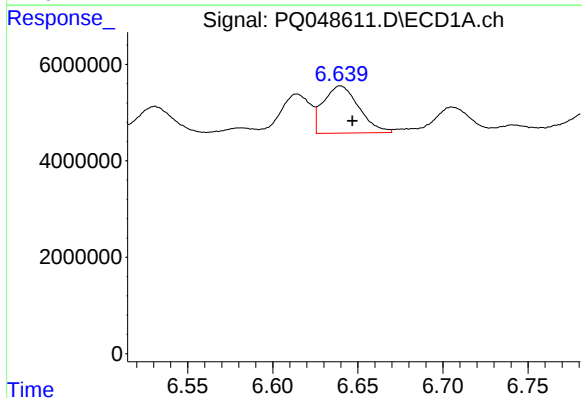
R.T.: 6.614 min
Delta R.T.: -0.007 min
Response: 10090274
Conc: 35.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



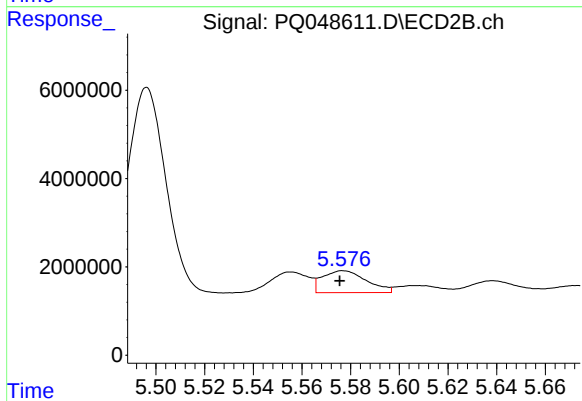
#3 AR-1016-1

R.T.: 5.556 min
Delta R.T.: 0.001 min
Response: 5164452
Conc: 36.55 ng/ml



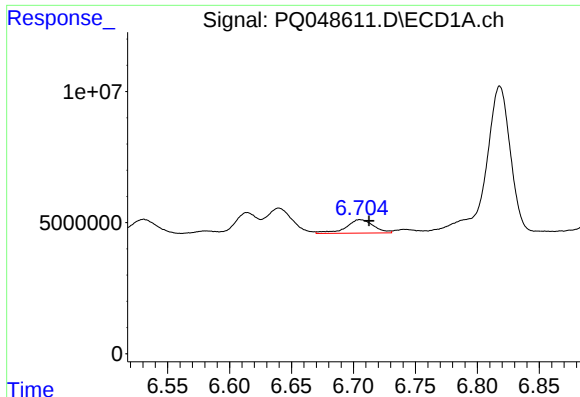
#4 AR-1016-2

R.T.: 6.640 min
Delta R.T.: -0.007 min
Response: 14272934
Conc: 36.01 ng/ml



#4 AR-1016-2

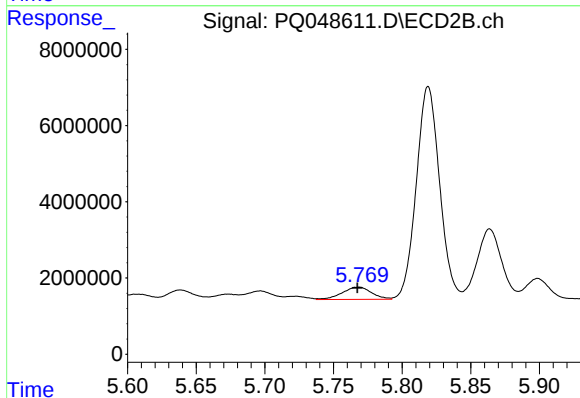
R.T.: 5.577 min
Delta R.T.: 0.002 min
Response: 6240423
Conc: 32.32 ng/ml



#5 AR-1016-3

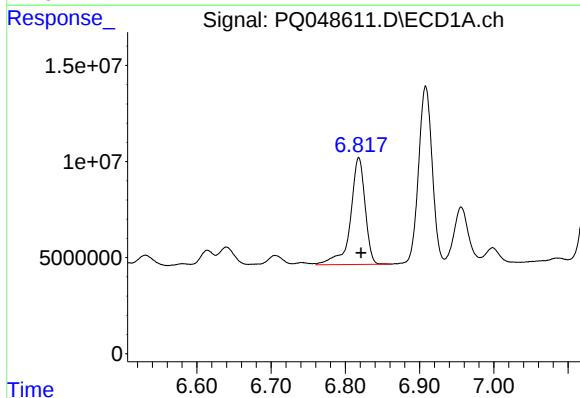
R.T.: 6.705 min
Delta R.T.: -0.007 min
Response: 7986124
Conc: 32.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



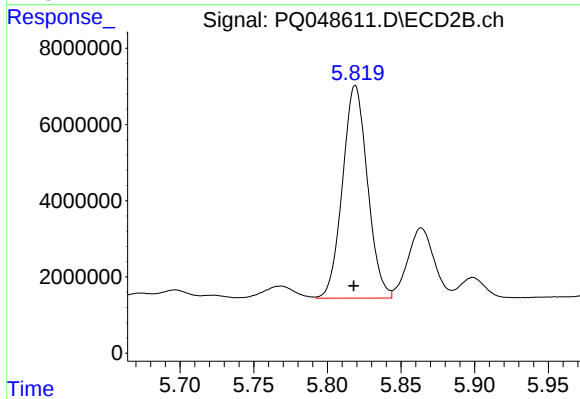
#5 AR-1016-3

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 4845793
Conc: 51.01 ng/ml



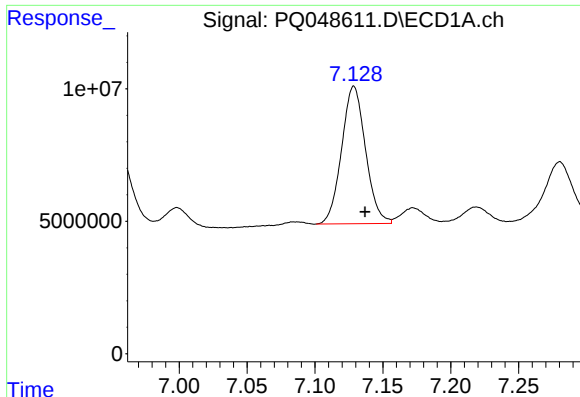
#6 AR-1016-4

R.T.: 6.818 min
Delta R.T.: -0.003 min
Response: 76048945
Conc: 373.07 ng/ml



#6 AR-1016-4

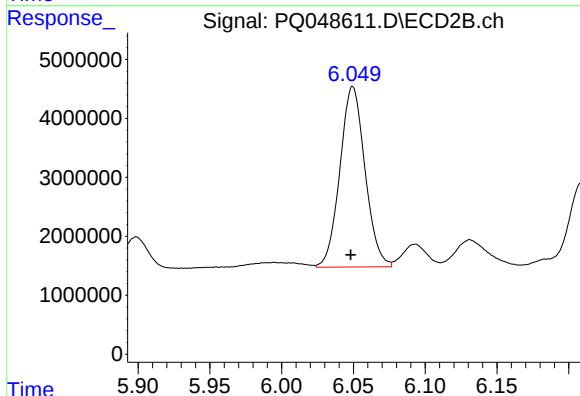
R.T.: 5.819 min
Delta R.T.: 0.001 min
Response: 65955819
Conc: 849.72 ng/ml



#7 AR-1016-5

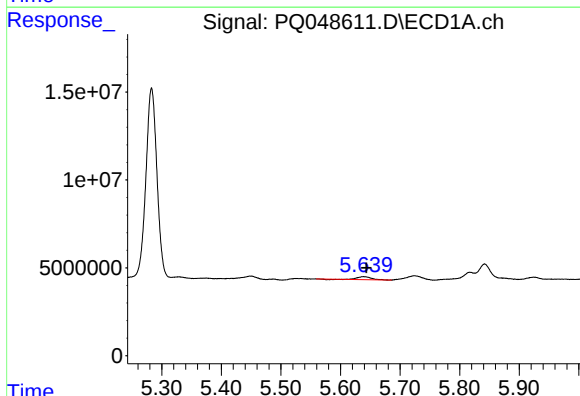
R.T.: 7.129 min
Delta R.T.: -0.008 min
Response: 63657385
Conc: 313.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



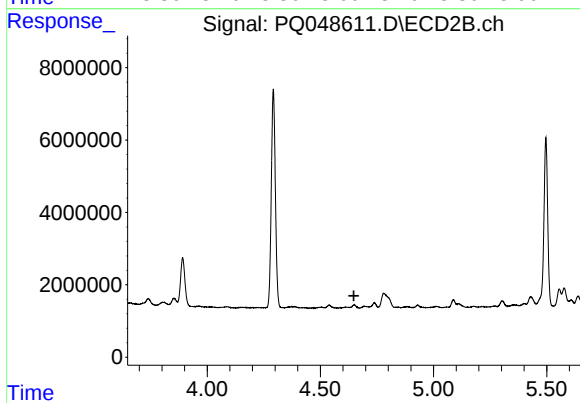
#7 AR-1016-5

R.T.: 6.050 min
Delta R.T.: 0.001 min
Response: 37334773
Conc: 347.25 ng/ml



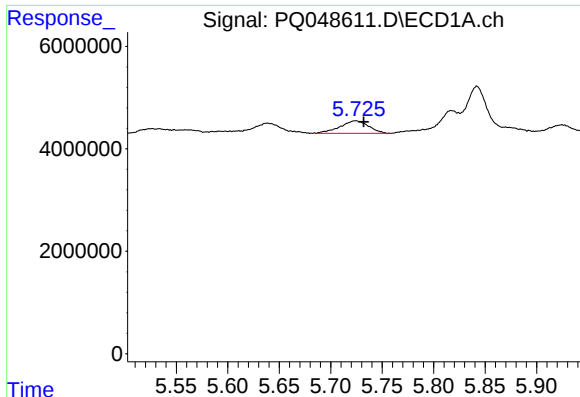
#9 AR-1221-2

R.T.: 5.638 min
Delta R.T.: -0.005 min
Response: 2722464
Conc: 47.27 ng/ml



#9 AR-1221-2

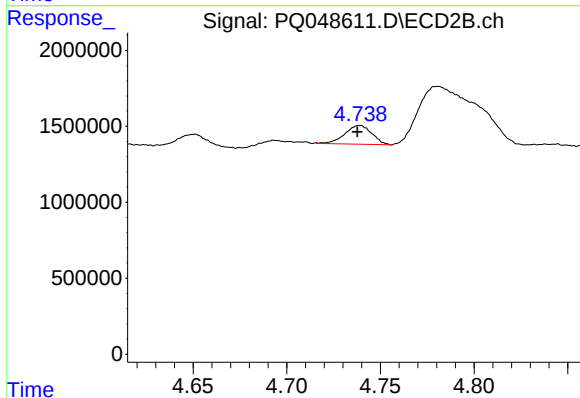
R.T.: 0.000 min
Exp R.T.: 4.648 min
Response: 0
Conc: N.D.



#10 AR-1221-3

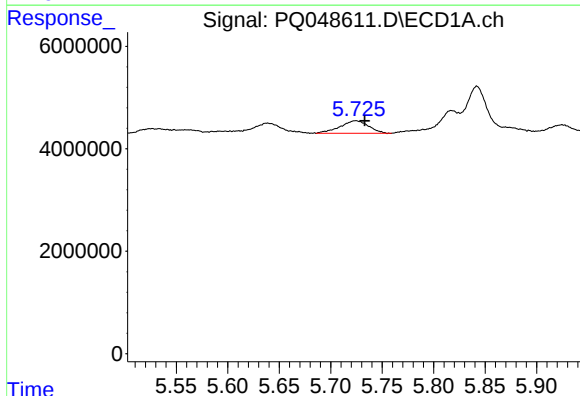
R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 4719215
Conc: 26.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



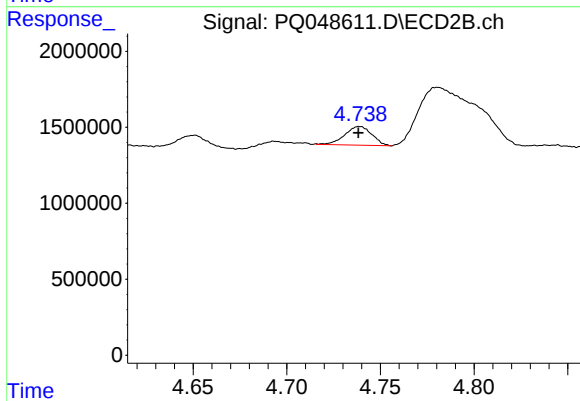
#10 AR-1221-3

R.T.: 4.739 min
Delta R.T.: 0.001 min
Response: 1237980
Conc: 14.45 ng/ml



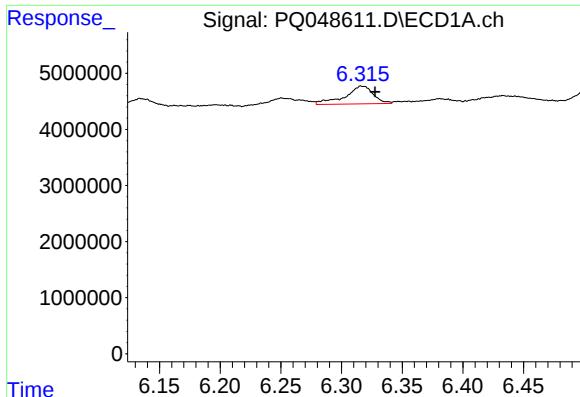
#11 AR-1232-1

R.T.: 5.724 min
Delta R.T.: -0.009 min
Response: 4719215
Conc: 37.22 ng/ml



#11 AR-1232-1

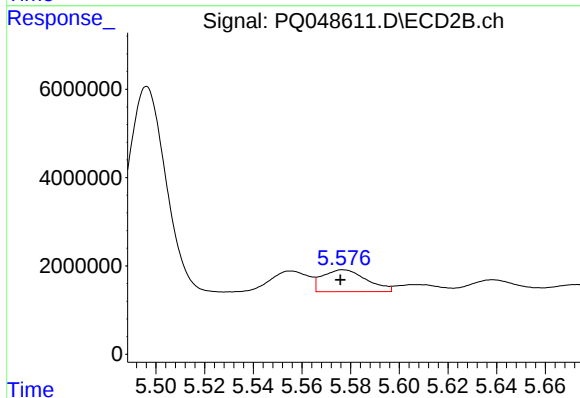
R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 1237980
Conc: 20.77 ng/ml



#12 AR-1232-2

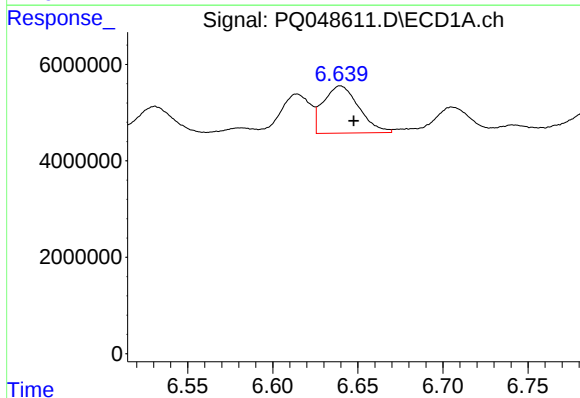
R.T.: 6.317 min
Delta R.T.: -0.011 min
Response: 5173609
Conc: 78.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



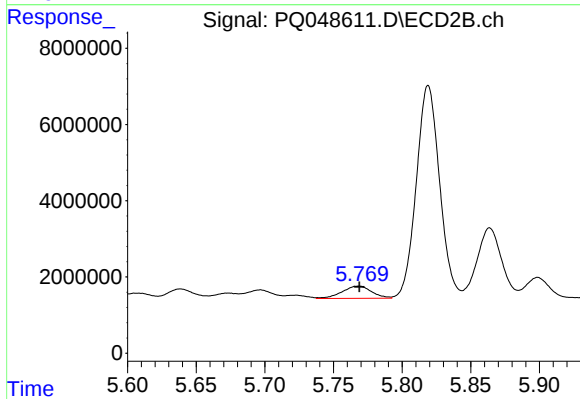
#12 AR-1232-2

R.T.: 5.577 min
Delta R.T.: 0.001 min
Response: 6240423
Conc: 94.60 ng/ml



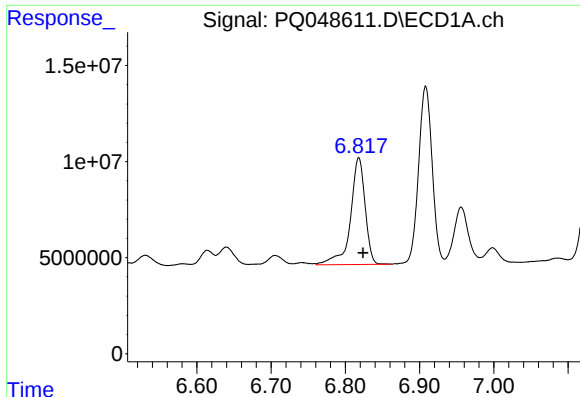
#13 AR-1232-3

R.T.: 6.640 min
Delta R.T.: -0.008 min
Response: 14272934
Conc: 102.76 ng/ml



#13 AR-1232-3

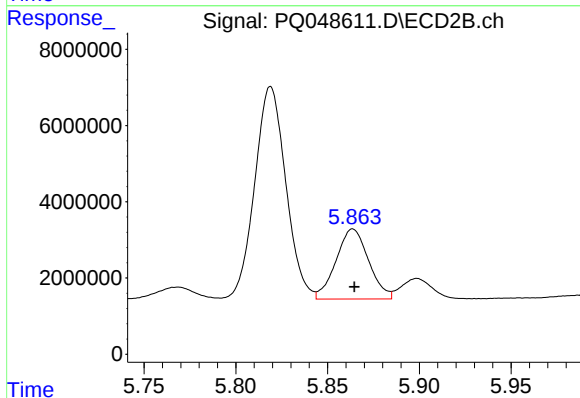
R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 4845793
Conc: 147.41 ng/ml



#14 AR-1232-4

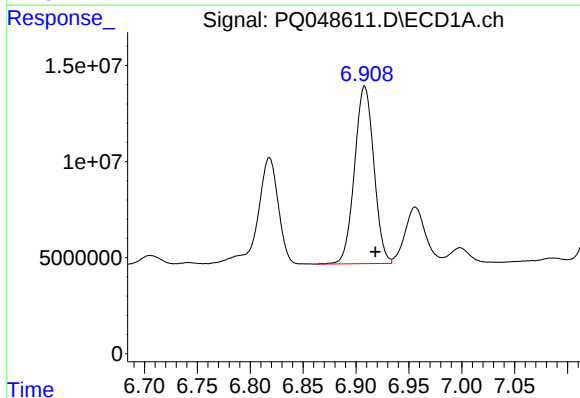
R.T.: 6.818 min
Delta R.T.: -0.006 min
Response: 76048945
Conc: 1075.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



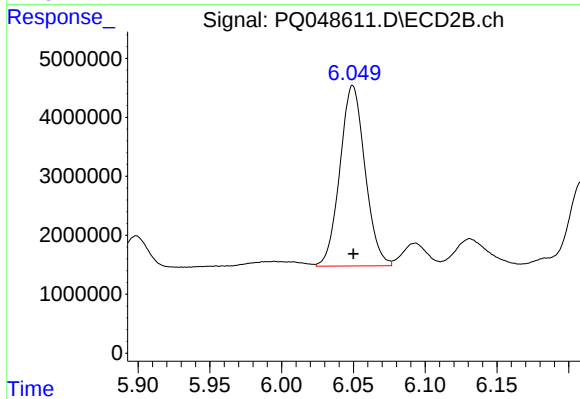
#14 AR-1232-4

R.T.: 5.864 min
Delta R.T.: 0.000 min
Response: 22752080
Conc: 732.10 ng/ml



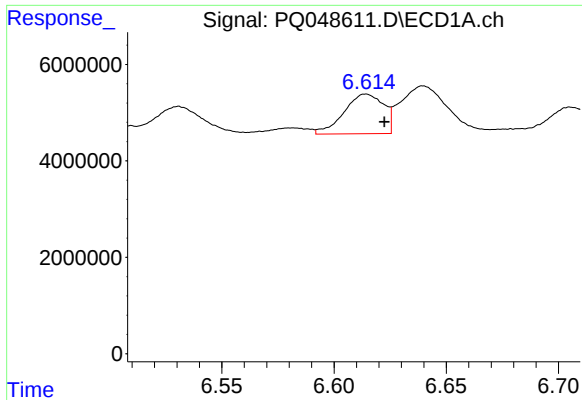
#15 AR-1232-5

R.T.: 6.908 min
Delta R.T.: -0.010 min
Response: 117399400
Conc: 2098.59 ng/ml



#15 AR-1232-5

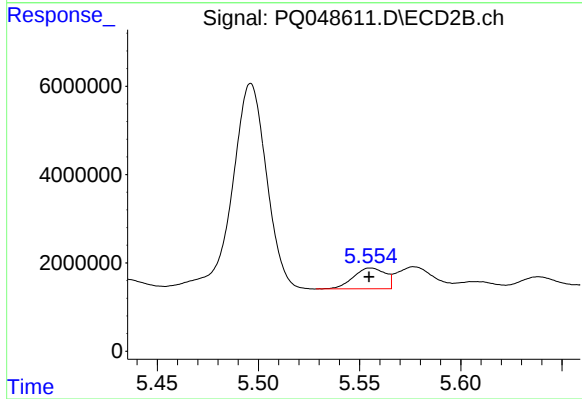
R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 37334773
Conc: 1062.09 ng/ml



#16 AR-1242-1

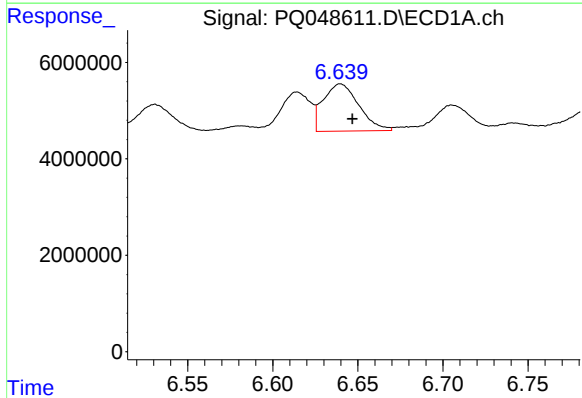
R.T.: 6.614 min
Delta R.T.: -0.008 min
Response: 10090274
Conc: 47.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



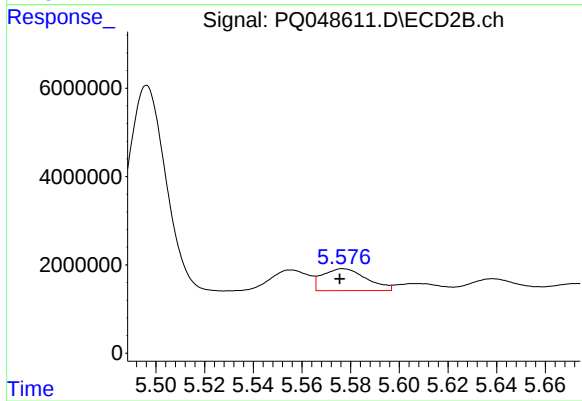
#16 AR-1242-1

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 5164452
Conc: 49.92 ng/ml



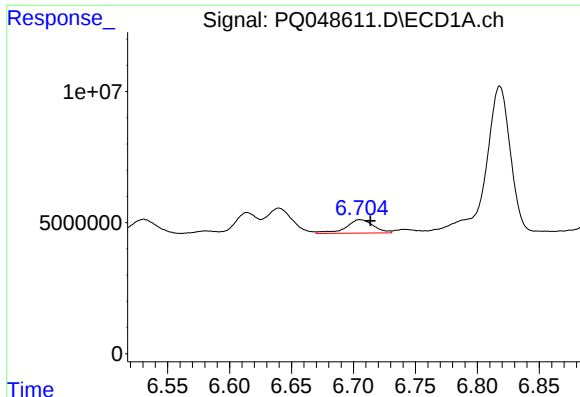
#17 AR-1242-2

R.T.: 6.640 min
Delta R.T.: -0.007 min
Response: 14272934
Conc: 48.30 ng/ml



#17 AR-1242-2

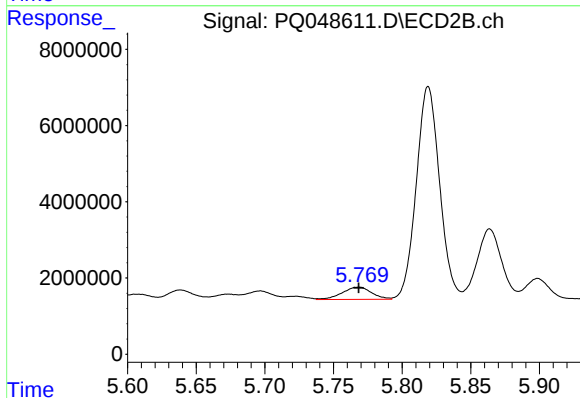
R.T.: 5.577 min
Delta R.T.: 0.001 min
Response: 6240423
Conc: 44.25 ng/ml



#18 AR-1242-3

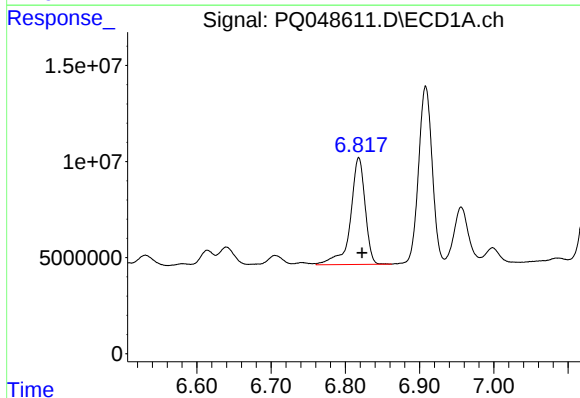
R.T.: 6.705 min
Delta R.T.: -0.008 min
Response: 7986124
Conc: 43.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



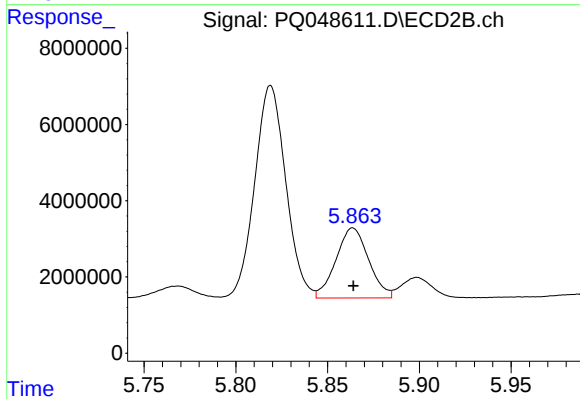
#18 AR-1242-3

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 4845793
Conc: 68.04 ng/ml



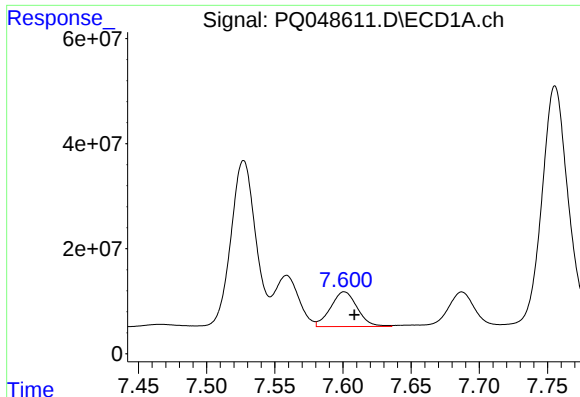
#19 AR-1242-4

R.T.: 6.818 min
Delta R.T.: -0.005 min
Response: 76048945
Conc: 502.11 ng/ml



#19 AR-1242-4

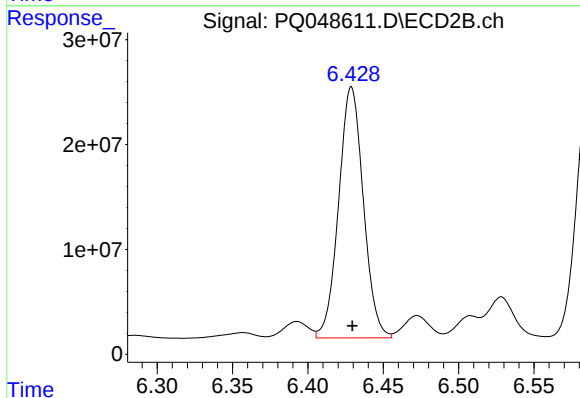
R.T.: 5.864 min
Delta R.T.: 0.000 min
Response: 22752080
Conc: 311.76 ng/ml



#20 AR-1242-5

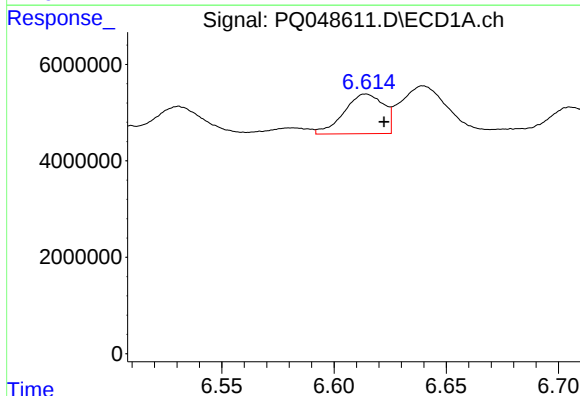
R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 90172823
Conc: 510.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



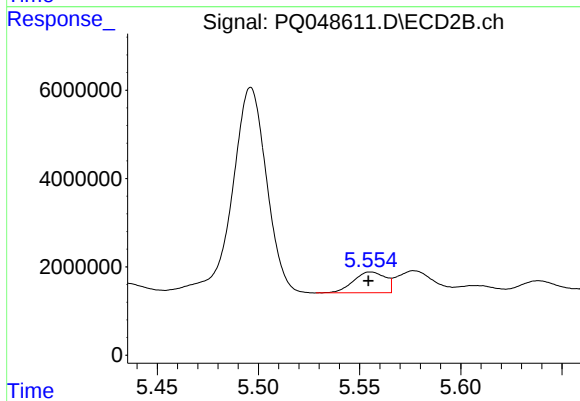
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 273534584
Conc: 2624.85 ng/ml



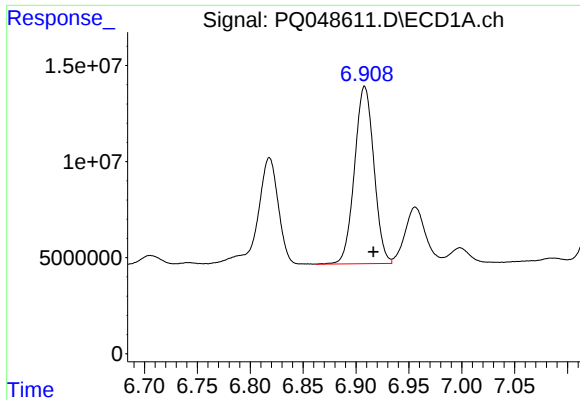
#21 AR-1248-1

R.T.: 6.614 min
Delta R.T.: -0.008 min
Response: 10090274
Conc: 62.71 ng/ml



#21 AR-1248-1

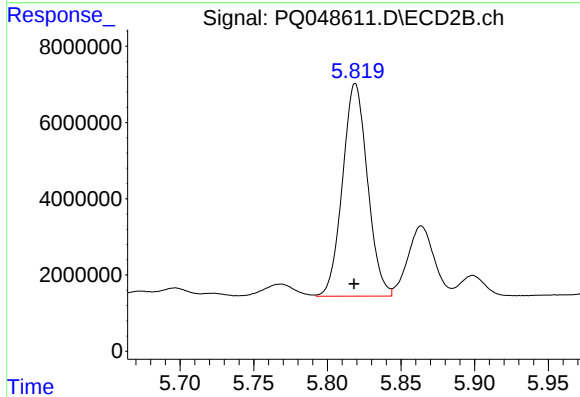
R.T.: 5.556 min
Delta R.T.: 0.001 min
Response: 5164452
Conc: 66.34 ng/ml



#22 AR-1248-2

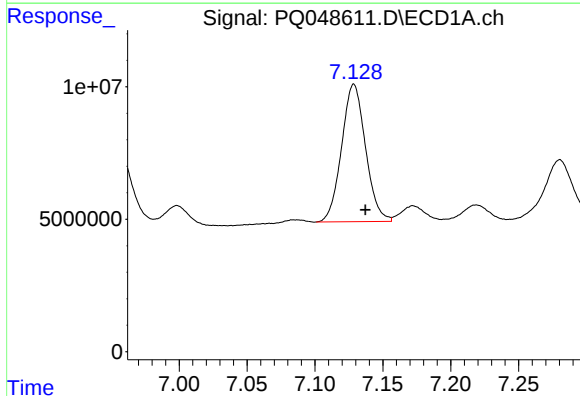
R.T.: 6.908 min
Delta R.T.: -0.008 min
Response: 117399400
Conc: 528.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



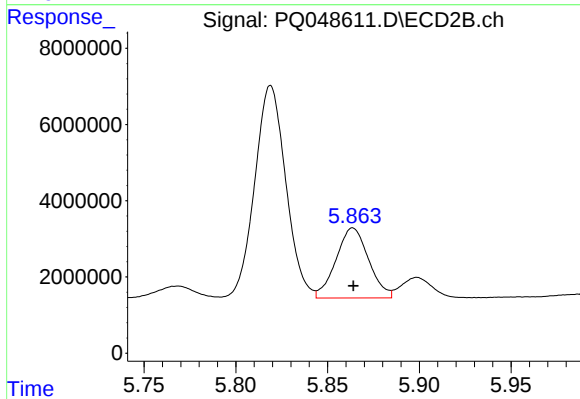
#22 AR-1248-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 65955819
Conc: 654.47 ng/ml



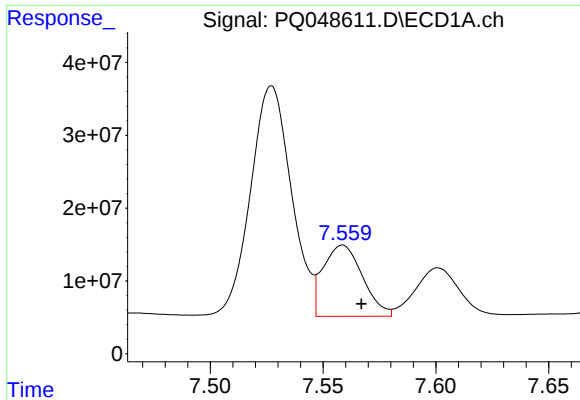
#23 AR-1248-3

R.T.: 7.129 min
Delta R.T.: -0.008 min
Response: 63657385
Conc: 255.76 ng/ml



#23 AR-1248-3

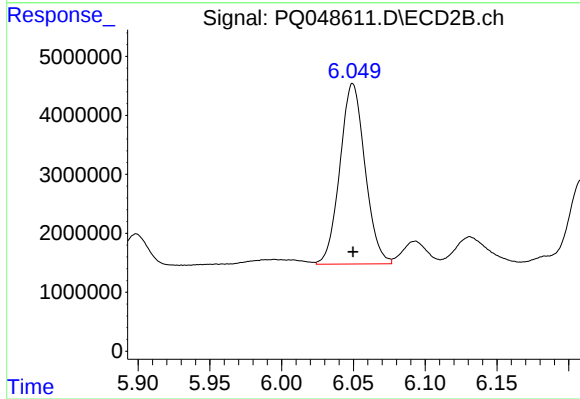
R.T.: 5.864 min
Delta R.T.: 0.000 min
Response: 22752080
Conc: 217.79 ng/ml



#24 AR-1248-4

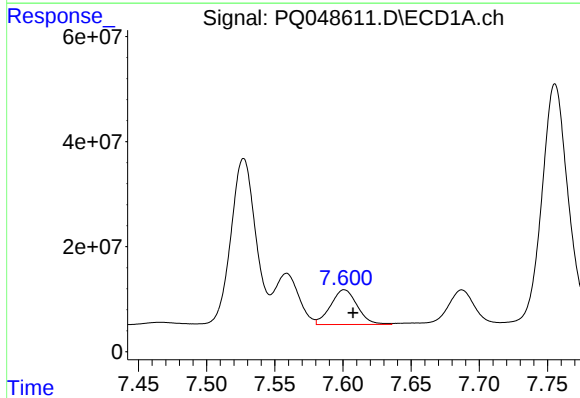
R.T.: 7.559 min
Delta R.T.: -0.008 min
Response: 118769422
Conc: 399.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



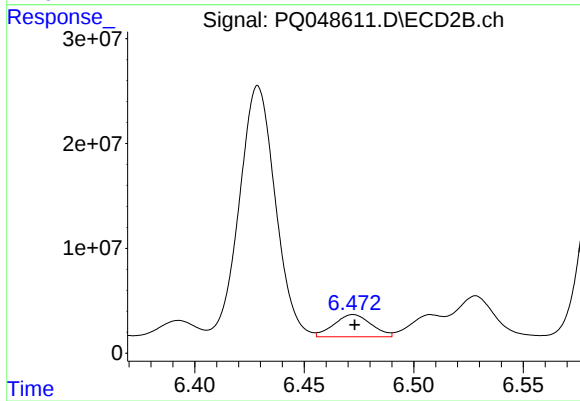
#24 AR-1248-4

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 37334773
Conc: 283.82 ng/ml



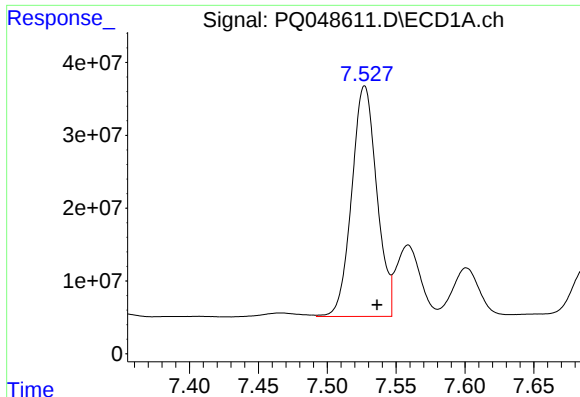
#25 AR-1248-5

R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 90172823
Conc: 318.74 ng/ml



#25 AR-1248-5

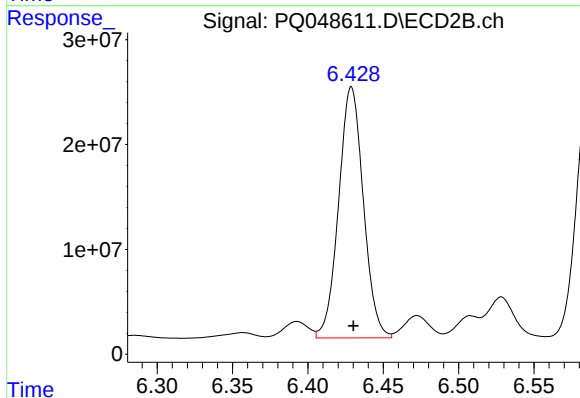
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 25015048
Conc: 183.59 ng/ml



#26 AR-1254-1

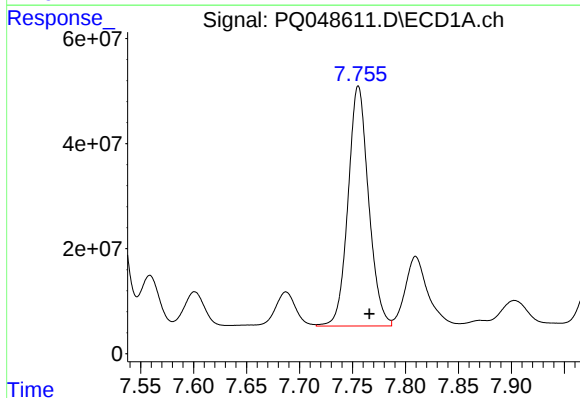
R.T.: 7.527 min
Delta R.T.: -0.009 min
Response: 401118371
Conc: 1325.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



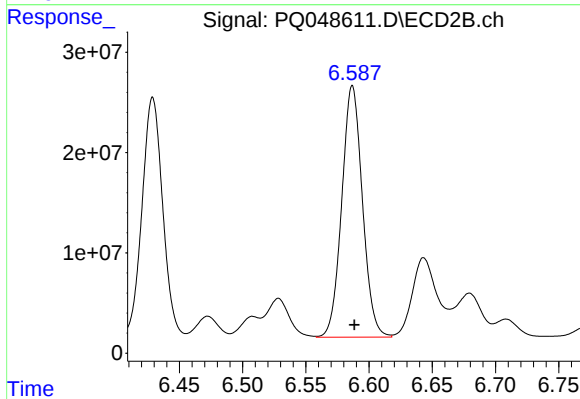
#26 AR-1254-1

R.T.: 6.429 min
Delta R.T.: -0.001 min
Response: 273534584
Conc: 1222.94 ng/ml



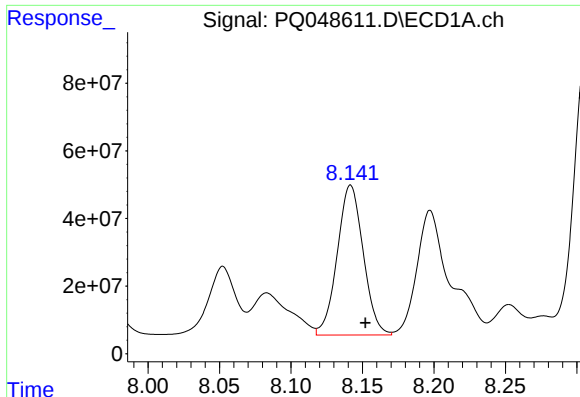
#27 AR-1254-2

R.T.: 7.756 min
Delta R.T.: -0.011 min
Response: 616989064
Conc: 1287.55 ng/ml



#27 AR-1254-2

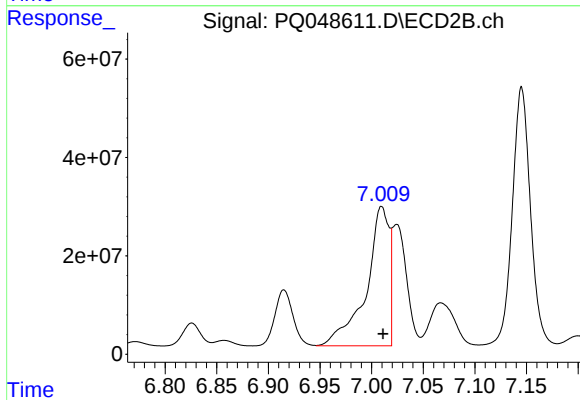
R.T.: 6.587 min
Delta R.T.: -0.002 min
Response: 285308420
Conc: 1435.46 ng/ml



#28 AR-1254-3

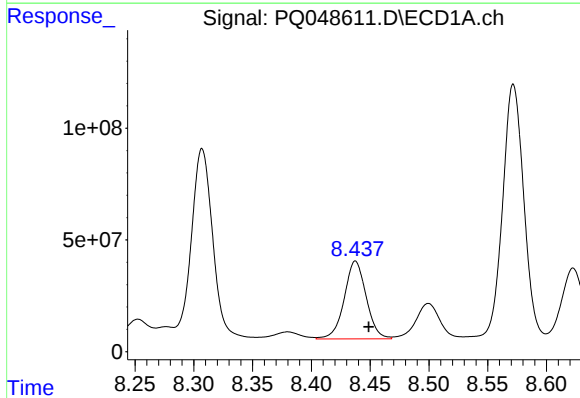
R.T.: 8.142 min
Delta R.T.: -0.010 min
Response: 561817352
Conc: 1066.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



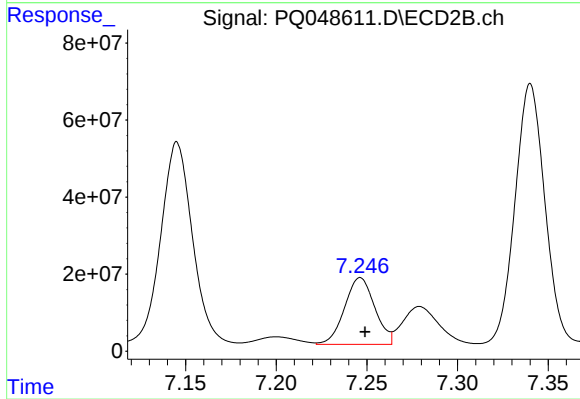
#28 AR-1254-3

R.T.: 7.010 min
Delta R.T.: -0.001 min
Response: 439812037
Conc: 1280.27 ng/ml



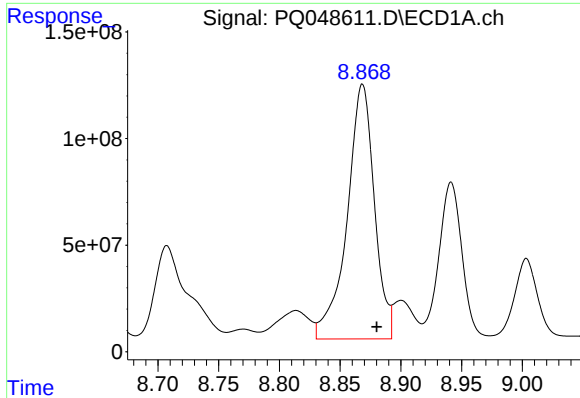
#29 AR-1254-4

R.T.: 8.438 min
Delta R.T.: -0.011 min
Response: 453887706
Conc: 1099.49 ng/ml



#29 AR-1254-4

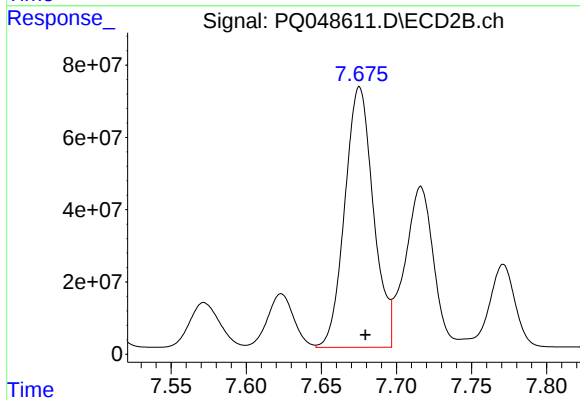
R.T.: 7.246 min
Delta R.T.: -0.003 min
Response: 200839003
Conc: 891.03 ng/ml



#30 AR-1254-5

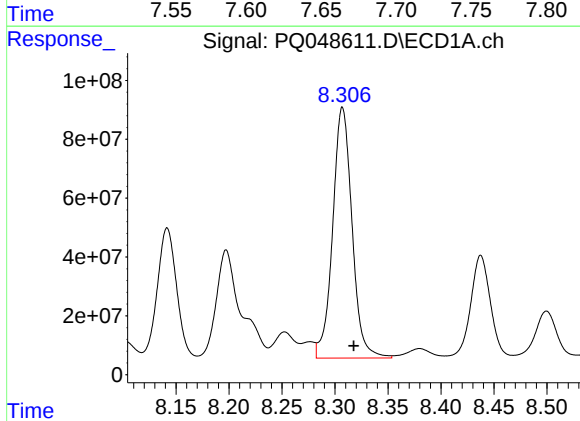
R.T.: 8.868 min
Delta R.T.: -0.012 min
Response: 1871001737
Conc: 4090.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



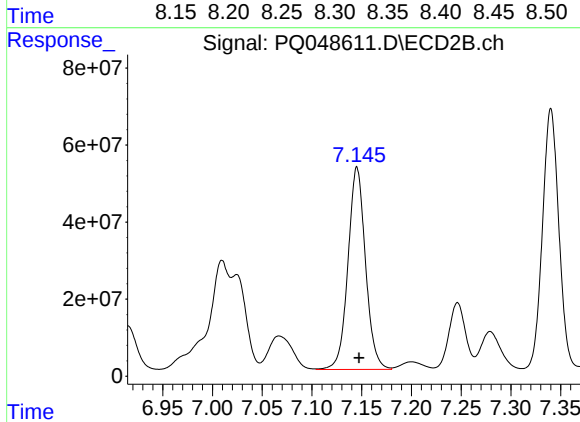
#30 AR-1254-5

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 954559107
Conc: 3014.49 ng/ml



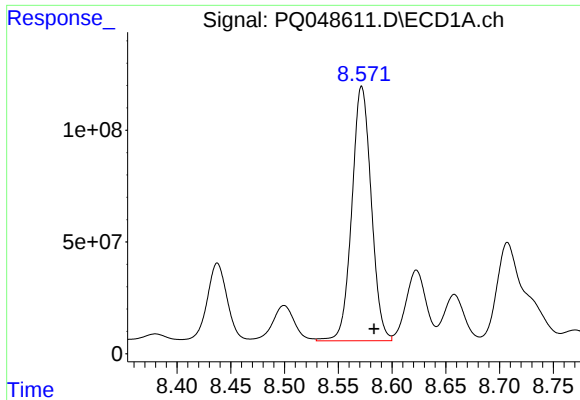
#31 AR-1260-1

R.T.: 8.307 min
Delta R.T.: -0.011 min
Response: 1086333817
Conc: 2881.44 ng/ml



#31 AR-1260-1

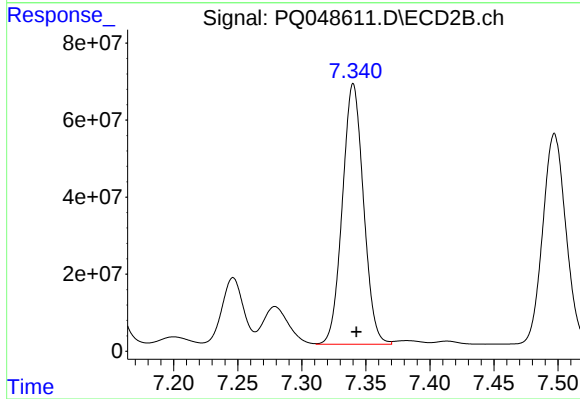
R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 644835798
Conc: 2968.65 ng/ml



#32 AR-1260-2

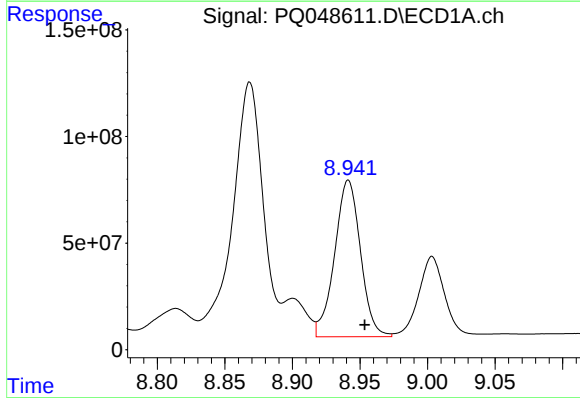
R.T.: 8.572 min
Delta R.T.: -0.011 min
Response: 1430208540
Conc: 3113.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



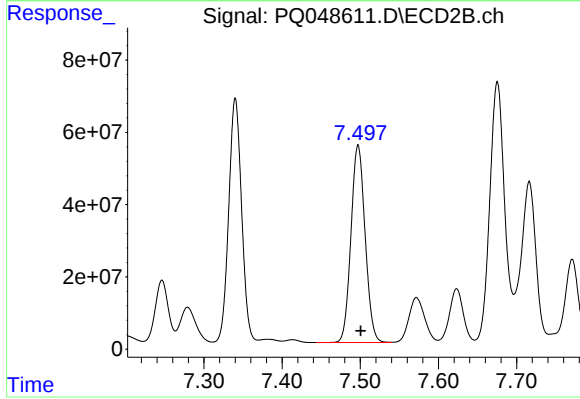
#32 AR-1260-2

R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 776001613
Conc: 2877.76 ng/ml



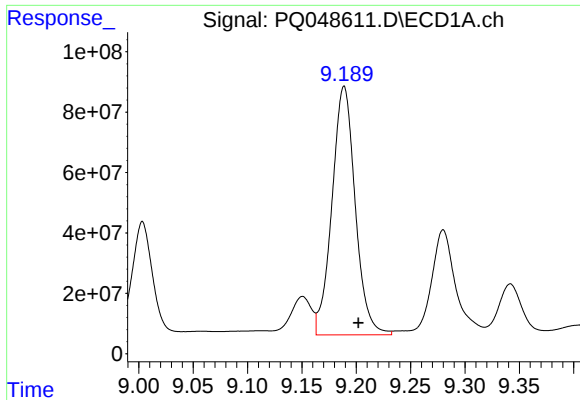
#33 AR-1260-3

R.T.: 8.941 min
Delta R.T.: -0.012 min
Response: 980077126
Conc: 2668.79 ng/ml



#33 AR-1260-3

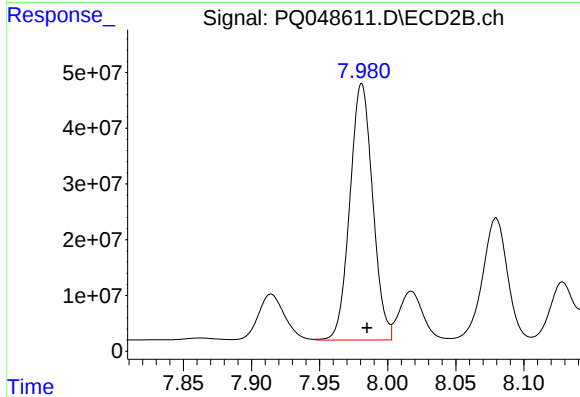
R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 686569365
Conc: 2773.37 ng/ml



#34 AR-1260-4

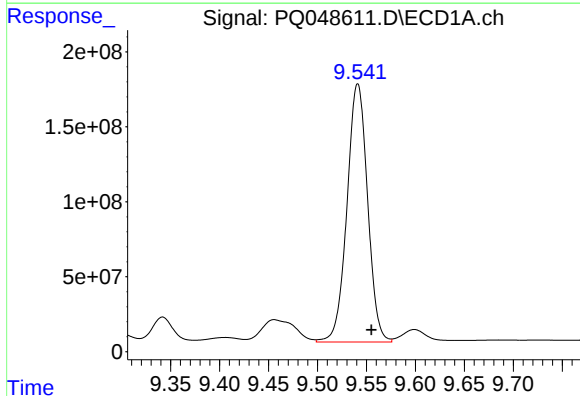
R.T.: 9.189 min
Delta R.T.: -0.013 min
Response: 1226847902
Conc: 2863.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



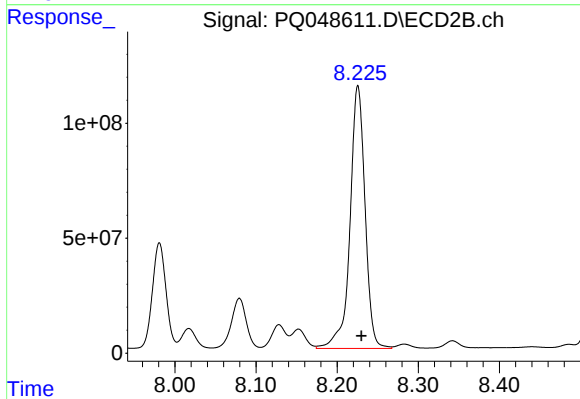
#34 AR-1260-4

R.T.: 7.981 min
Delta R.T.: -0.004 min
Response: 536661621
Conc: 2510.09 ng/ml



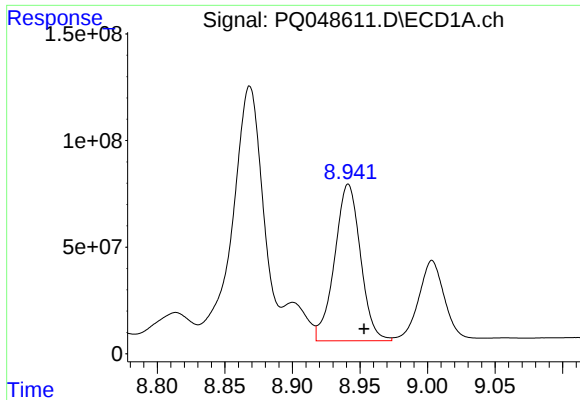
#35 AR-1260-5

R.T.: 9.541 min
Delta R.T.: -0.014 min
Response: 2525519901
Conc: 2816.74 ng/ml



#35 AR-1260-5

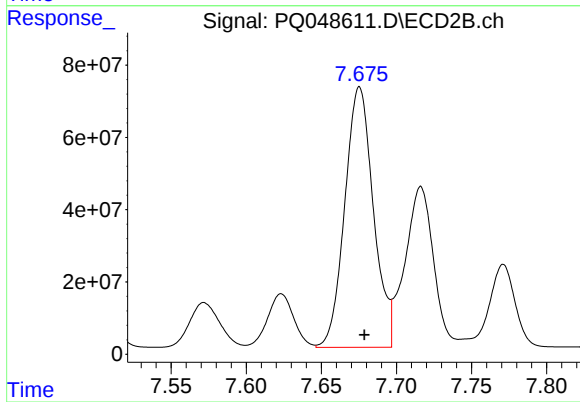
R.T.: 8.226 min
Delta R.T.: -0.004 min
Response: 1471199221
Conc: 2726.36 ng/ml



#36 AR-1262-1

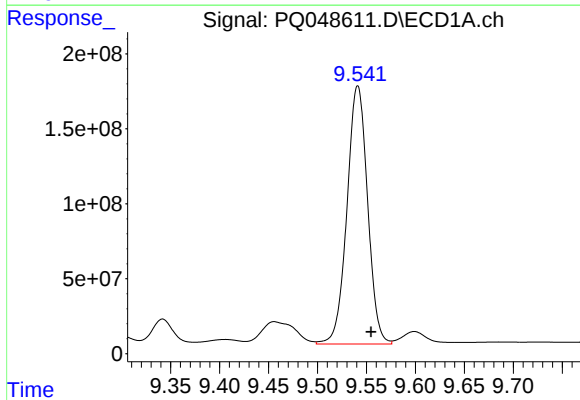
R.T.: 8.941 min
Delta R.T.: -0.012 min
Response: 980077126
Conc: 1736.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



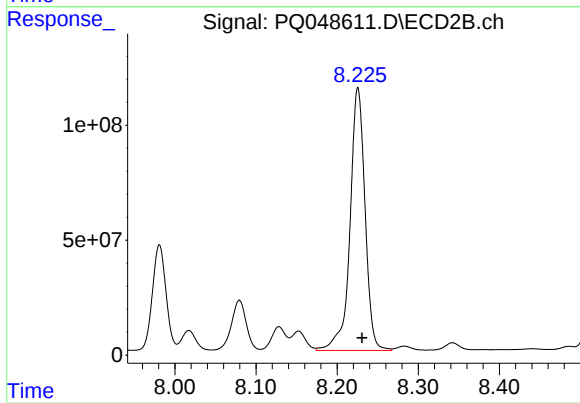
#36 AR-1262-1

R.T.: 7.675 min
Delta R.T.: -0.003 min
Response: 954559107
Conc: 5505.17 ng/ml



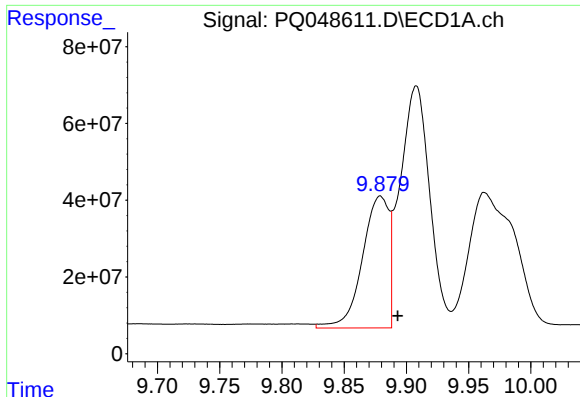
#37 AR-1262-2

R.T.: 9.541 min
Delta R.T.: -0.014 min
Response: 2525519901
Conc: 2298.53 ng/ml



#37 AR-1262-2

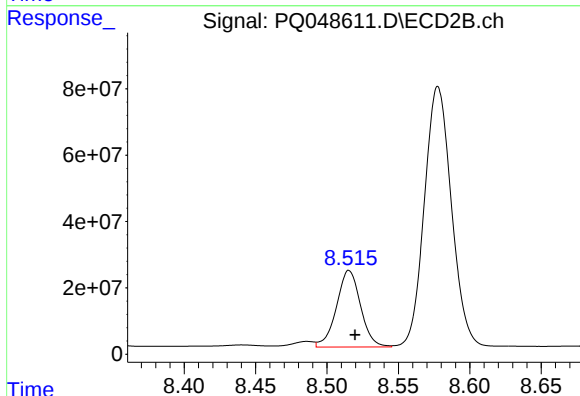
R.T.: 8.226 min
Delta R.T.: -0.005 min
Response: 1471199221
Conc: 2207.19 ng/ml



#38 AR-1262-3

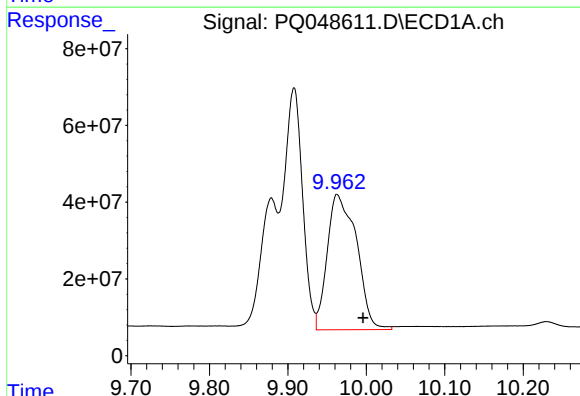
R.T.: 9.879 min
Delta R.T.: -0.014 min
Response: 510218416
Conc: 1036.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



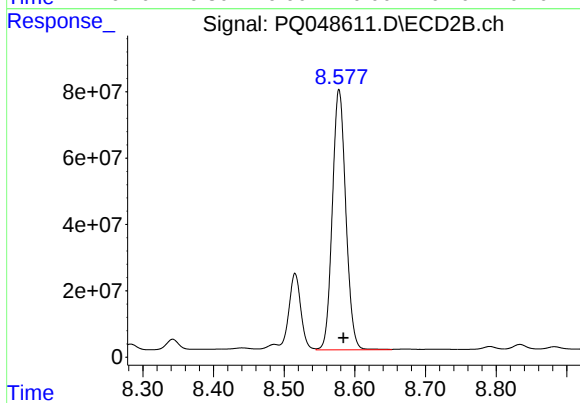
#38 AR-1262-3

R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 271295779
Conc: 1087.21 ng/ml



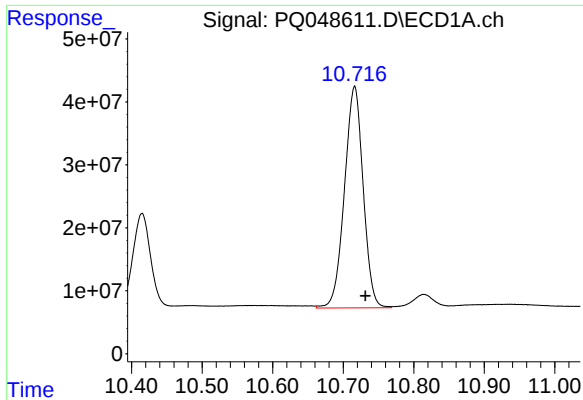
#39 AR-1262-4

R.T.: 9.963 min
Delta R.T.: -0.033 min
Response: 912587943
Conc: 1590.70 ng/ml



#39 AR-1262-4

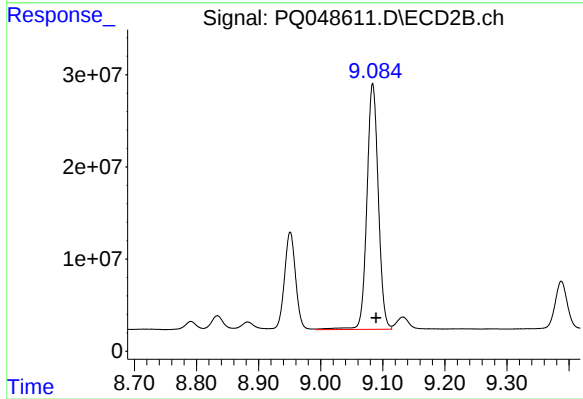
R.T.: 8.578 min
Delta R.T.: -0.006 min
Response: 1041215130
Conc: 2165.24 ng/ml



#40 AR-1262-5

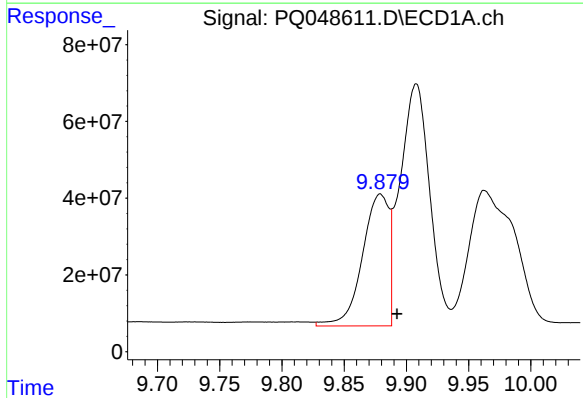
R.T.: 10.716 min
Delta R.T.: -0.015 min
Response: 647988192
Conc: 1522.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



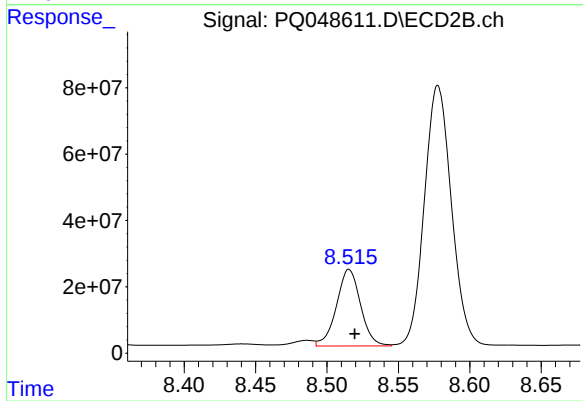
#40 AR-1262-5

R.T.: 9.084 min
Delta R.T.: -0.006 min
Response: 340483067
Conc: 1525.05 ng/ml



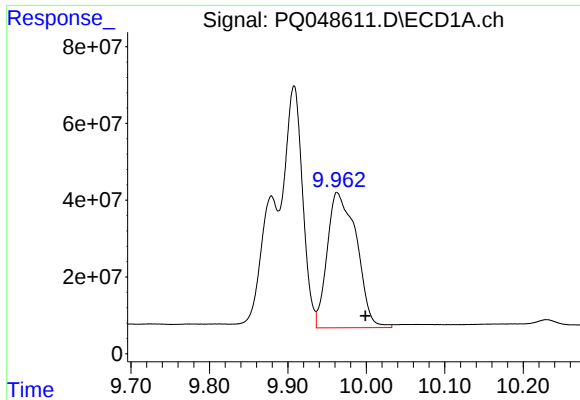
#41 AR-1268-1

R.T.: 9.879 min
Delta R.T.: -0.014 min
Response: 510218416
Conc: 387.89 ng/ml



#41 AR-1268-1

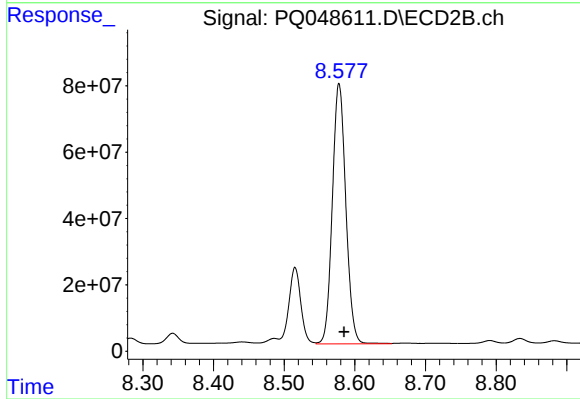
R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 271295779
Conc: 356.28 ng/ml



#42 AR-1268-2

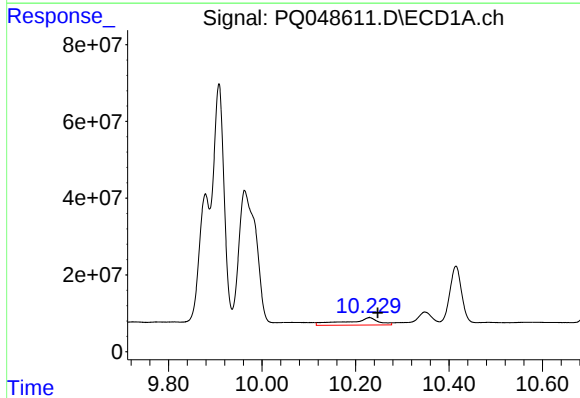
R.T.: 9.963 min
Delta R.T.: -0.036 min
Response: 912587943
Conc: 738.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



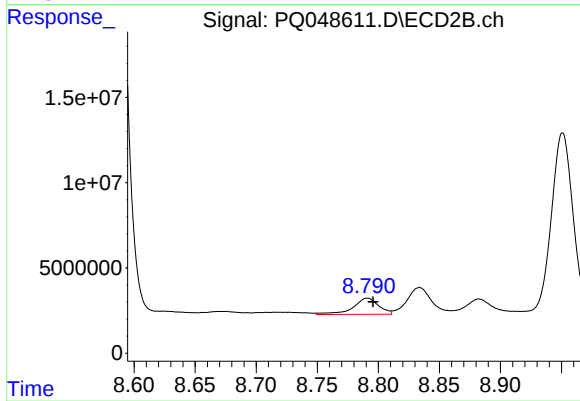
#42 AR-1268-2

R.T.: 8.578 min
Delta R.T.: -0.007 min
Response: 1041215130
Conc: 1485.44 ng/ml



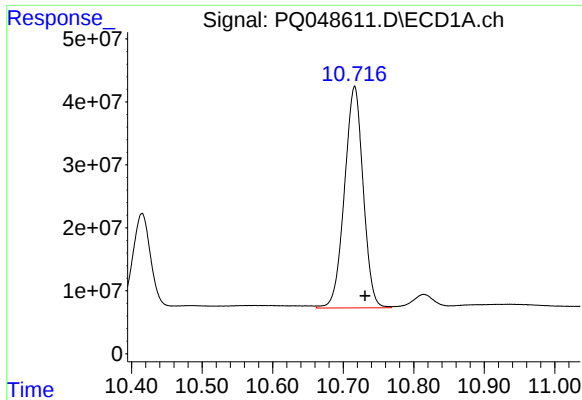
#43 AR-1268-3

R.T.: 10.230 min
Delta R.T.: -0.018 min
Response: 89978922
Conc: 86.24 ng/ml



#43 AR-1268-3

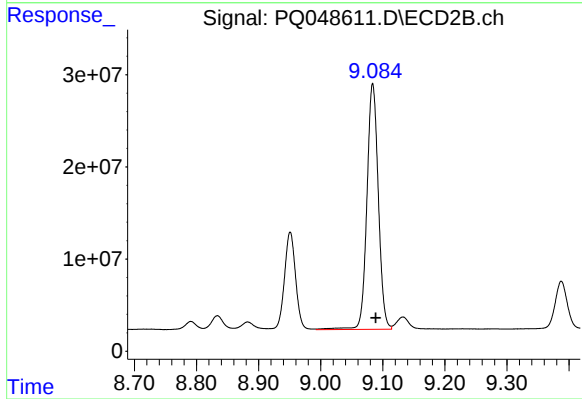
R.T.: 8.791 min
Delta R.T.: -0.005 min
Response: 13845956
Conc: 24.05 ng/ml



#44 AR-1268-4

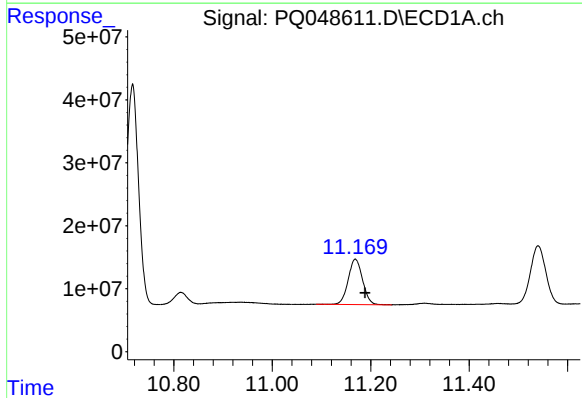
R.T.: 10.716 min
Delta R.T.: -0.015 min
Response: 647988192
Conc: 1361.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



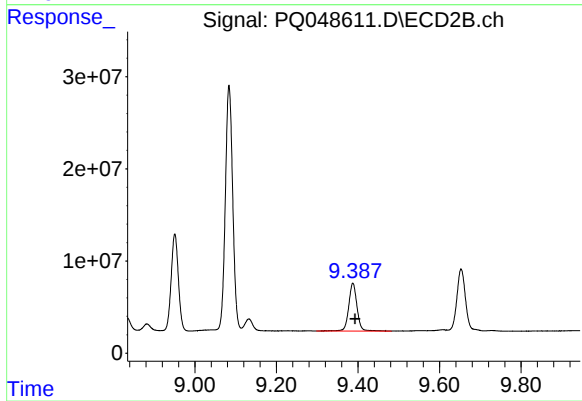
#44 AR-1268-4

R.T.: 9.084 min
Delta R.T.: -0.005 min
Response: 340483067
Conc: 1364.12 ng/ml



#45 AR-1268-5

R.T.: 11.169 min
Delta R.T.: -0.020 min
Response: 146090653
Conc: 40.67 ng/ml



#45 AR-1268-5

R.T.: 9.388 min
Delta R.T.: -0.005 min
Response: 73325330
Conc: 37.90 ng/ml