

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091520\
 Data File : PQ049807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2020 14:17
 Operator : DD\AJ
 Sample : L3971-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 16:07:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 14 14:52:16 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...	5.227	4.275	246.9E6	111.9E6	23.158	21.581
2)	SA Decachlor...	11.436	9.630	178.1E6	129.4E6	22.223	24.061
Target Compounds							
3)	L1 AR-1016-1	6.560	5.537	133.7E6	85611312	440.122	378.420
4)	L1 AR-1016-2	6.583	5.557	186.6E6	117.7E6	421.815	380.310
5)	L1 AR-1016-3	6.650	5.751	117.1E6	63421113	408.018	417.631
6)	L1 AR-1016-4	6.759	5.801	97948827	44619719	382.441	390.528
7)	L1 AR-1016-5	7.072	6.032	93222068	64612199	431.830	402.514
8)	L2 AR-1221-1	5.476	4.531	19334509	6747948	159.413	119.279 #
9)	L2 AR-1221-2	5.581	4.632	21552717	9260627	237.639	216.636
10)	L2 AR-1221-3	5.671	4.722	80192302	38760886	305.829	282.833
11)	L3 AR-1232-1	5.671	4.722	80192302	38760886	373.086	351.336
12)	L3 AR-1232-2	6.263	5.557	98228263	117.7E6	871.703	920.872
13)	L3 AR-1232-3	6.583	5.751	186.6E6	63421113	992.194	1027.398
14)	L3 AR-1232-4	6.759	5.846	97948827	58360971	821.320	1087.342 #
15)	L3 AR-1232-5	6.852	6.032	80626708	64612199	890.495	1037.240
16)	L4 AR-1242-1	6.560	5.537	133.7E6	85611312	456.870	448.664
17)	L4 AR-1242-2	6.583	5.557	186.6E6	117.7E6	472.475	450.887
18)	L4 AR-1242-3	6.650	5.751	117.1E6	63421113	468.896	453.403
19)	L4 AR-1242-4	6.759	5.846	97948827	58360971	468.579	447.723
20)	L4 AR-1242-5	7.543	6.411	91121090	82550842	446.667	436.734
21)	L5 AR-1248-1	6.560	5.537	133.7E6	85611312	708.381	640.305
22)	L5 AR-1248-2	6.852	5.801	80626708	44619719	301.509	284.379
23)	L5 AR-1248-3	7.072	5.846	93222068	58360971	349.975	351.773
24)	L5 AR-1248-4	7.504	6.032	88526744	64612199	284.585	310.202
25)	L5 AR-1248-5	7.543	6.454	91121090	71618789	301.704	312.983
26)	L6 AR-1254-1	7.472	6.411	65133521	82550842	228.764	250.171
27)	L6 AR-1254-2	7.711	6.569	77657354	23899926	175.901	83.023 #
28)	L6 AR-1254-3	8.086	6.991	30231365	27673304	67.167	57.732
29)	L6 AR-1254-4	8.383	7.229	21053755	18436563	58.846	52.720
30)	L6 AR-1254-5	8.811	7.659	5932129	5604306	15.802	12.270
31)	L7 AR-1260-1	8.268f	7.141	1671661	9293794	4.710	28.376 #
32)	L7 AR-1260-2	8.513	7.319	5706776	5528950	13.002	11.717
33)	L7 AR-1260-3	8.893	7.478	925751	4095406	2.648	10.395 #
34)	L7 AR-1260-4	9.124	7.964	2069138	1268807	5.295	3.802 #
35)	L7 AR-1260-5	9.483	8.205	1806273	1022417	2.199	1.152 #
36)	L8 AR-1262-1	8.893	7.659	925751	5604306	2.018	22.737 #
37)	L8 AR-1262-2	9.483	8.205	1806273	1022417	2.147	1.062 #
38)	L8 AR-1262-3	9.778f	8.500	395655	1460202	1.000	3.934 #
39)	L8 AR-1262-4	9.924f	8.557	108088	462043	0.232	0.733 #
40)	L8 AR-1262-5	10.642	9.069	1035862	926512	3.108	3.314
41)	L9 AR-1268-1	0.000	8.500	0	1460202	N.D.	1.301 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091520\
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 Acq On : 15 Sep 2020 14:17
 Operator : DD\AJ
 Sample : L3971-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

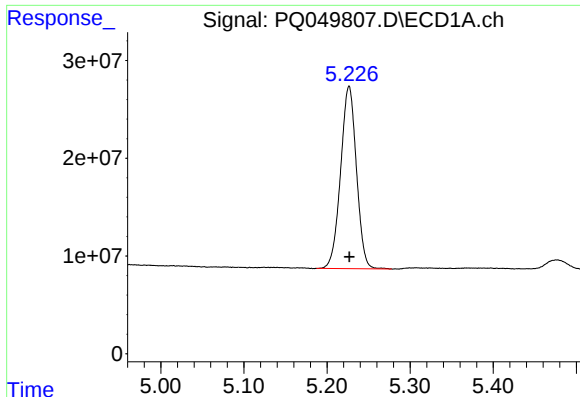
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 16:07:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	9.924	8.557	108088	462043	0.110	0.489 #
43) L9	AR-1268-3	10.147	8.771	4041946	1573538	4.639	2.112 #
44) L9	AR-1268-4	10.642	9.069	1035862	926512	2.747	2.805
45) L9	AR-1268-5	11.074	9.371	3180203	1753139	1.238	0.830 #

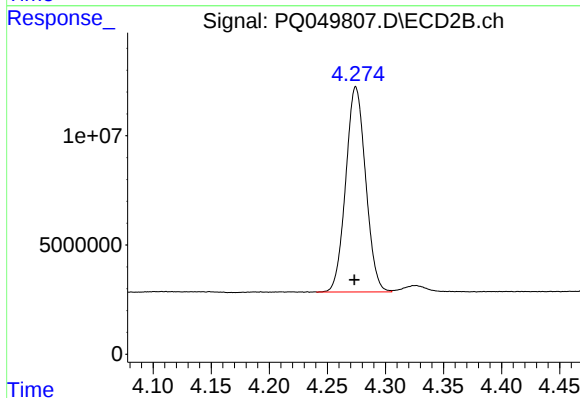
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

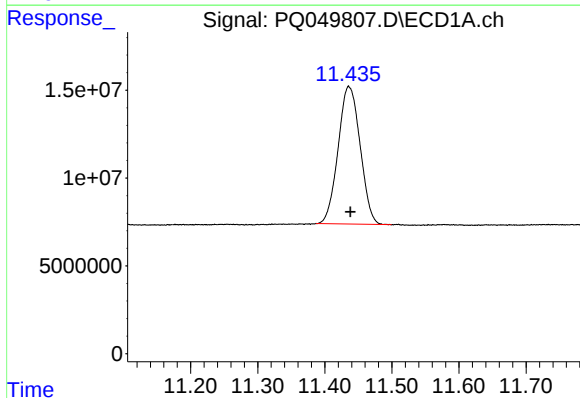
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 246871660
Conc: 23.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



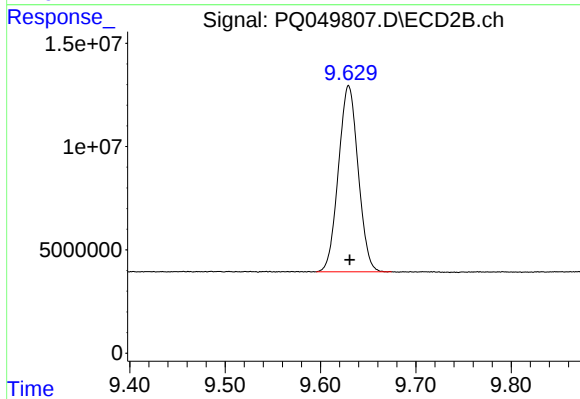
#1 Tetrachloro-m-xylene

R.T.: 4.275 min
Delta R.T.: 0.001 min
Response: 111886409
Conc: 21.58 ng/ml



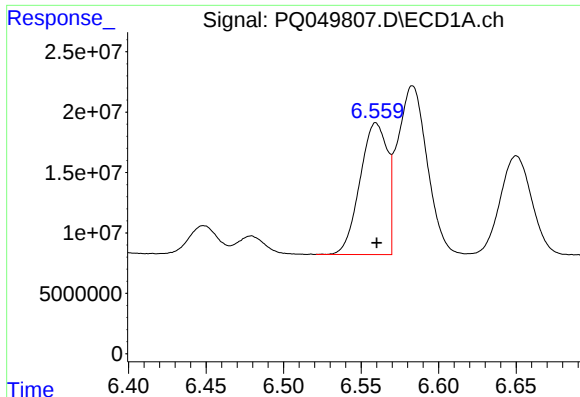
#2 Decachlorobiphenyl

R.T.: 11.436 min
Delta R.T.: -0.002 min
Response: 178077277
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

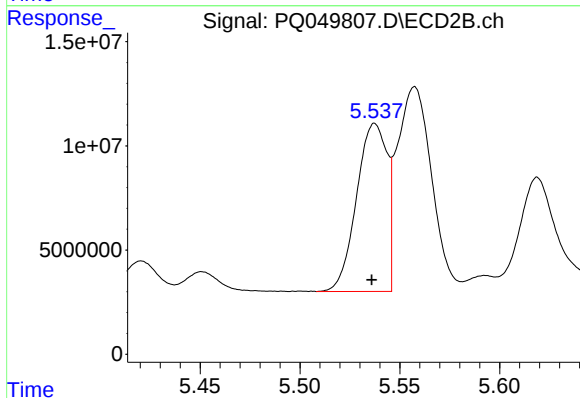
R.T.: 9.630 min
Delta R.T.: -0.001 min
Response: 129422947
Conc: 24.06 ng/ml



#3 AR-1016-1

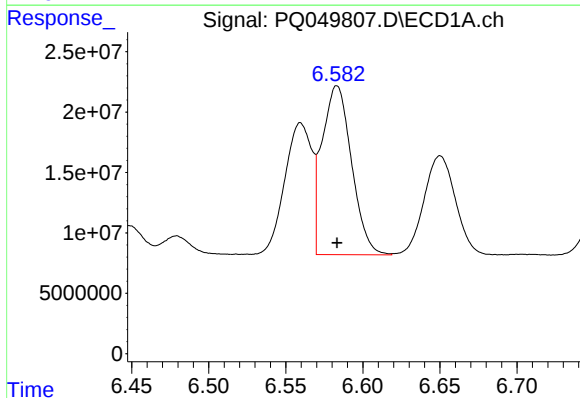
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 133746844
Conc: 440.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



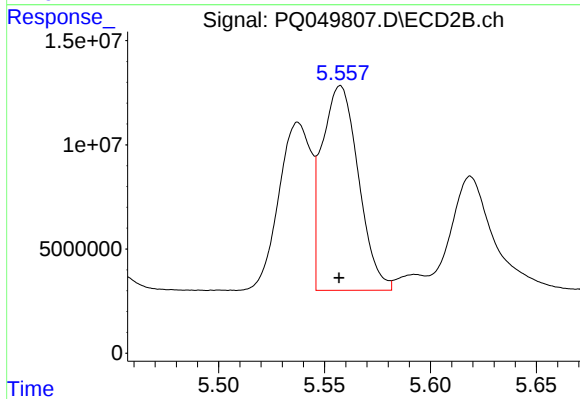
#3 AR-1016-1

R.T.: 5.537 min
Delta R.T.: 0.002 min
Response: 85611312
Conc: 378.42 ng/ml



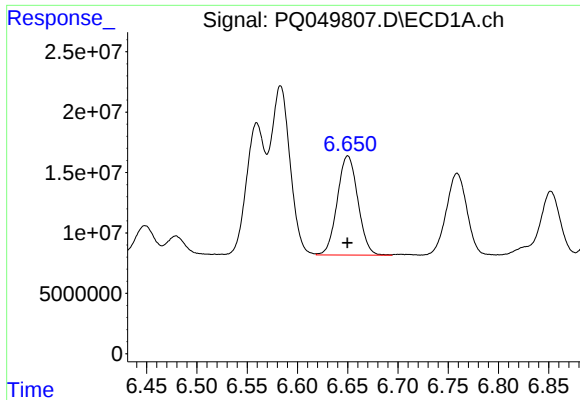
#4 AR-1016-2

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 186616225
Conc: 421.81 ng/ml



#4 AR-1016-2

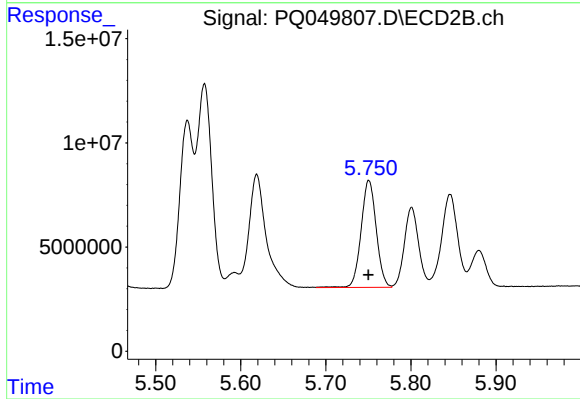
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 117738075
Conc: 380.31 ng/ml



#5 AR-1016-3

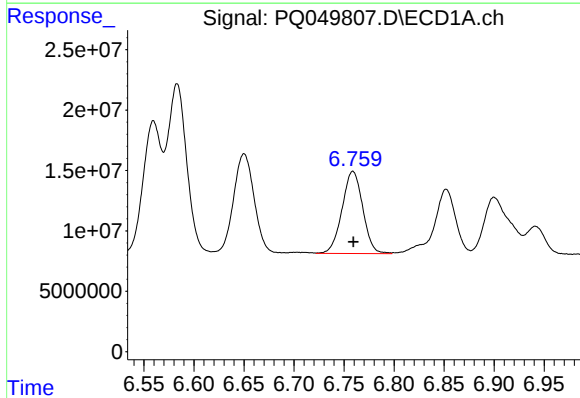
R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 117115441
Conc: 408.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



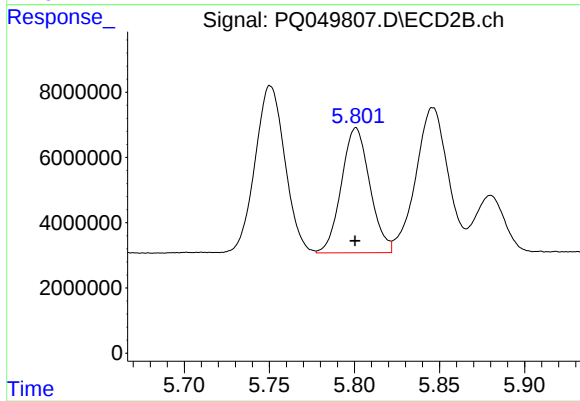
#5 AR-1016-3

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 63421113
Conc: 417.63 ng/ml



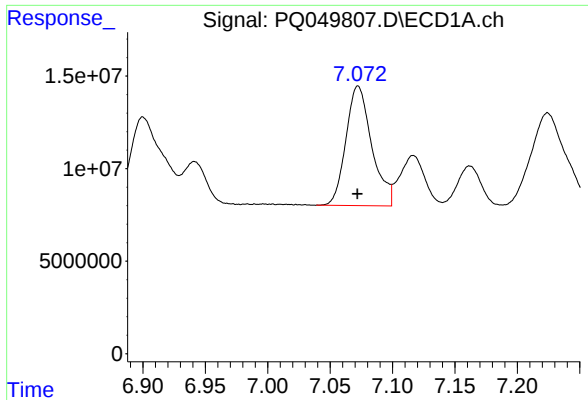
#6 AR-1016-4

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 97948827
Conc: 382.44 ng/ml



#6 AR-1016-4

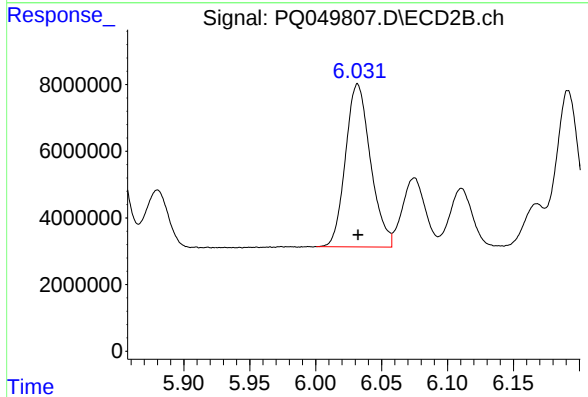
R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 44619719
Conc: 390.53 ng/ml



#7 AR-1016-5

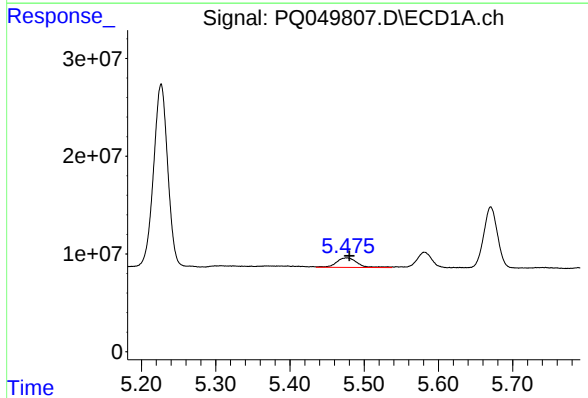
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 93222068
Conc: 431.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



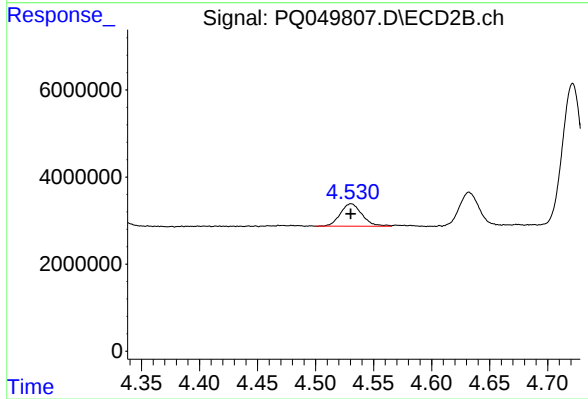
#7 AR-1016-5

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 64612199
Conc: 402.51 ng/ml



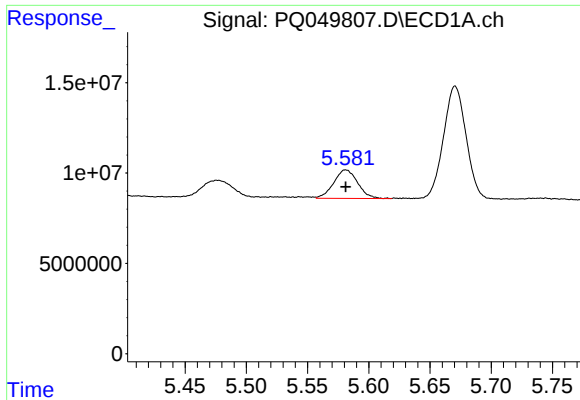
#8 AR-1221-1

R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 19334509
Conc: 159.41 ng/ml



#8 AR-1221-1

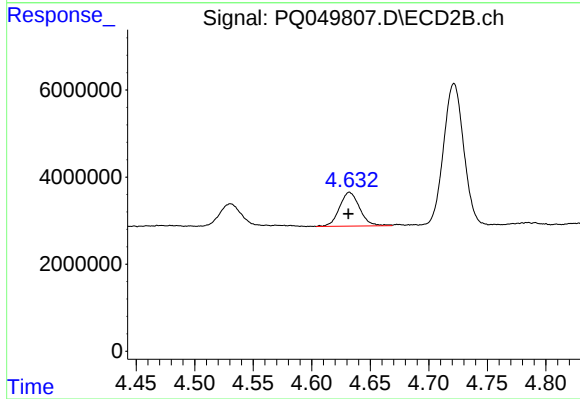
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 6747948
Conc: 119.28 ng/ml



#9 AR-1221-2

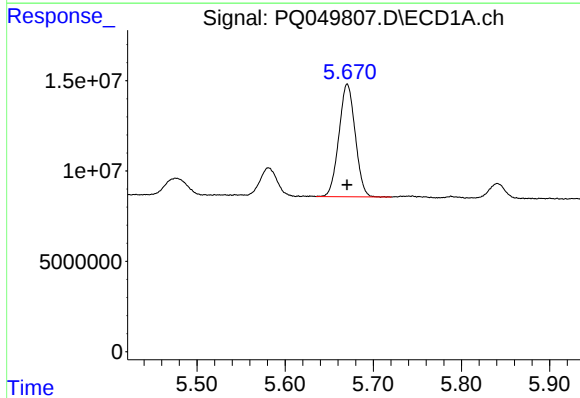
R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 21552717
Conc: 237.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



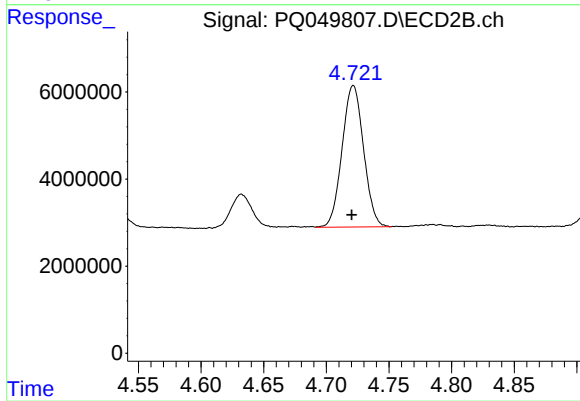
#9 AR-1221-2

R.T.: 4.632 min
Delta R.T.: 0.001 min
Response: 9260627
Conc: 216.64 ng/ml



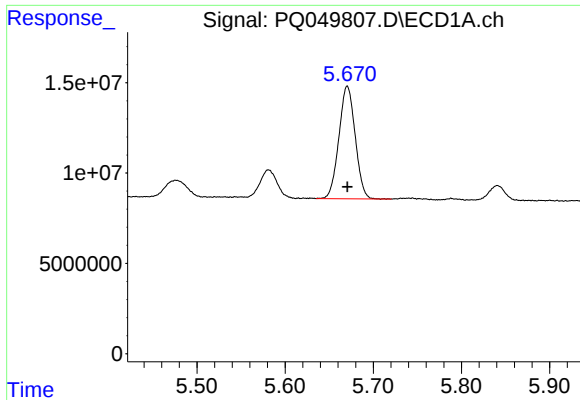
#10 AR-1221-3

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 80192302
Conc: 305.83 ng/ml



#10 AR-1221-3

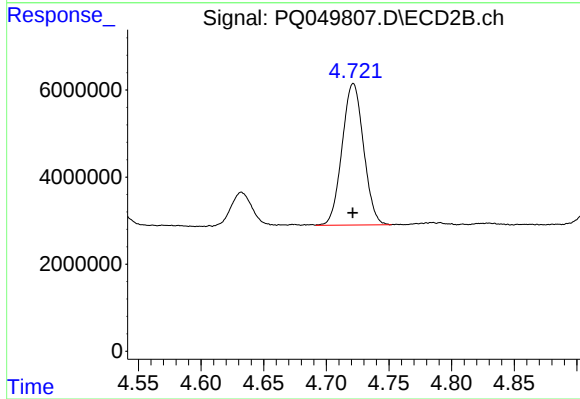
R.T.: 4.722 min
Delta R.T.: 0.001 min
Response: 38760886
Conc: 282.83 ng/ml



#11 AR-1232-1

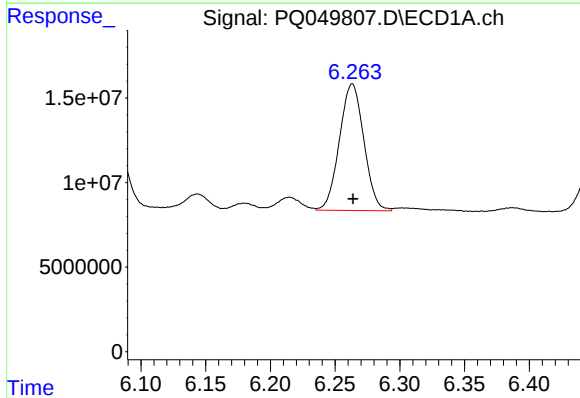
R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 80192302
Conc: 373.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



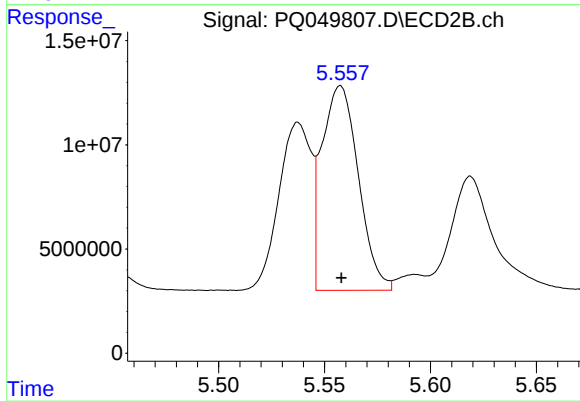
#11 AR-1232-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 38760886
Conc: 351.34 ng/ml



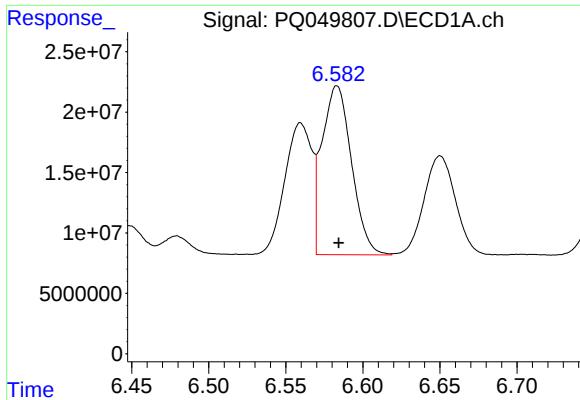
#12 AR-1232-2

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 98228263
Conc: 871.70 ng/ml



#12 AR-1232-2

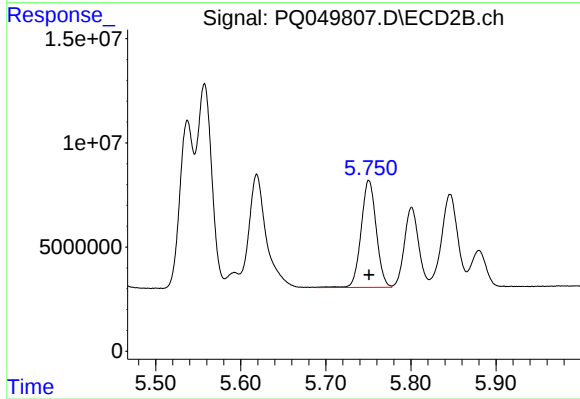
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 117738075
Conc: 920.87 ng/ml



#13 AR-1232-3

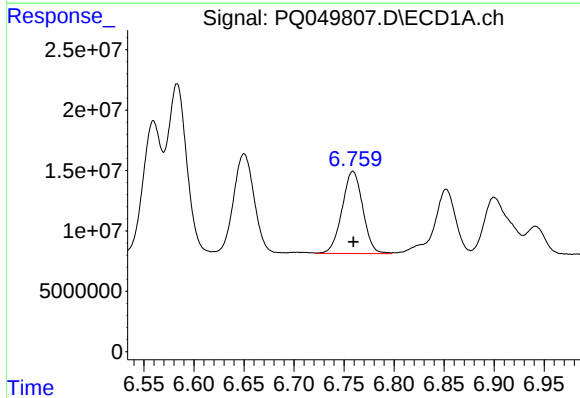
R.T.: 6.583 min
Delta R.T.: -0.001 min
Response: 186616225
Conc: 992.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



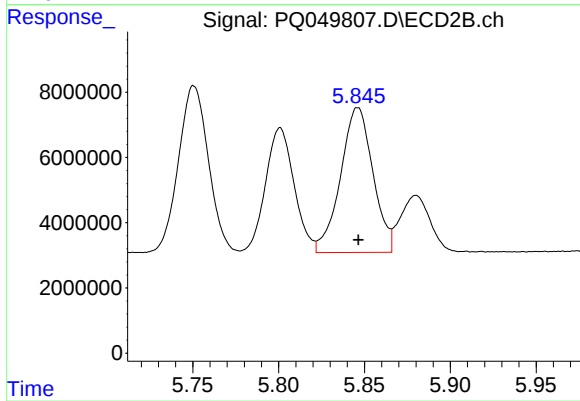
#13 AR-1232-3

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 63421113
Conc: 1027.40 ng/ml



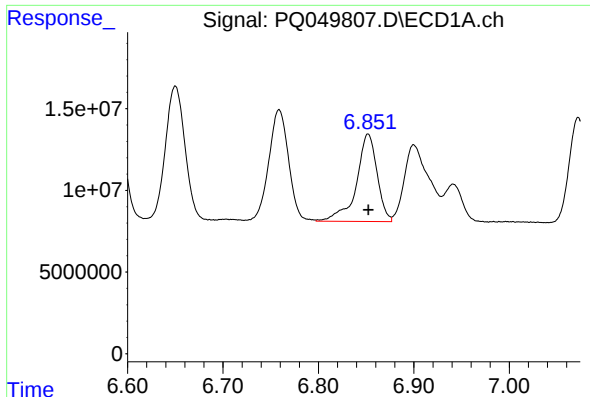
#14 AR-1232-4

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 97948827
Conc: 821.32 ng/ml



#14 AR-1232-4

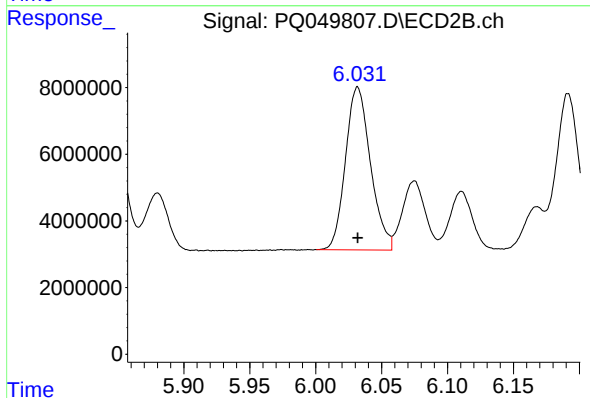
R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 58360971
Conc: 1087.34 ng/ml



#15 AR-1232-5

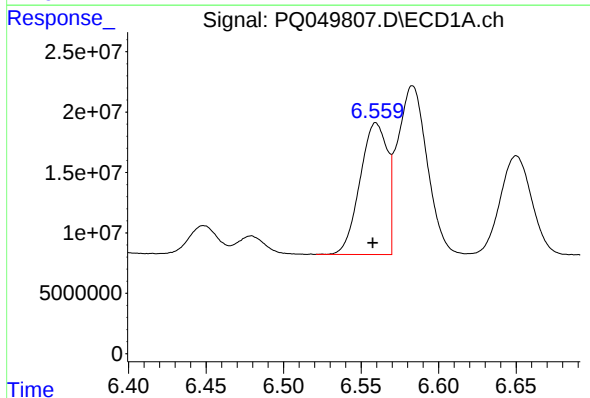
R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 80626708
Conc: 890.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



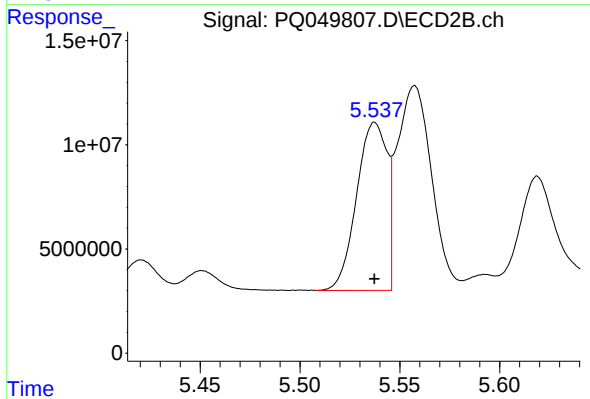
#15 AR-1232-5

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 64612199
Conc: 1037.24 ng/ml



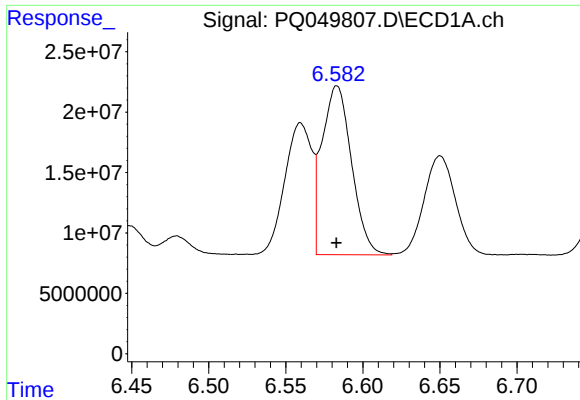
#16 AR-1242-1

R.T.: 6.560 min
Delta R.T.: 0.002 min
Response: 133746844
Conc: 456.87 ng/ml



#16 AR-1242-1

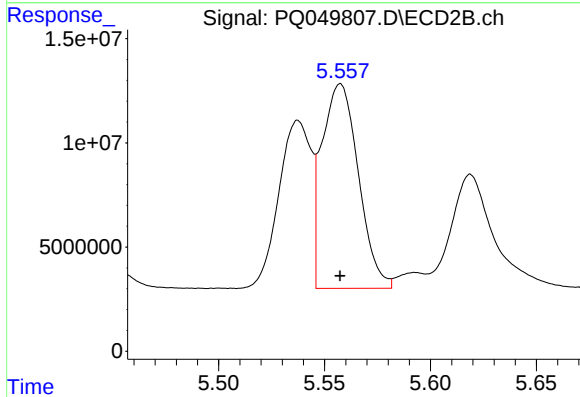
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 85611312
Conc: 448.66 ng/ml



#17 AR-1242-2

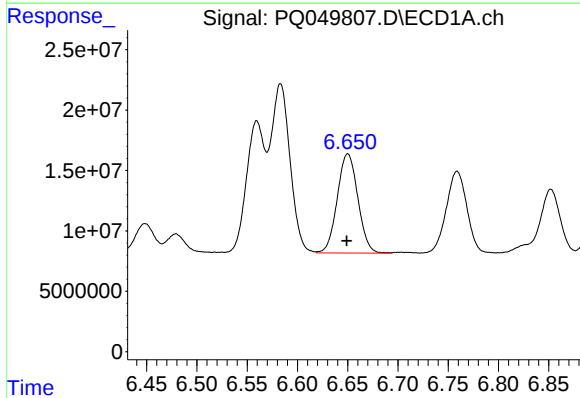
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 186616225
Conc: 472.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



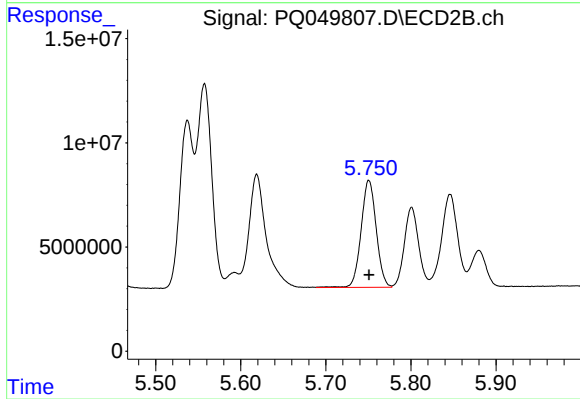
#17 AR-1242-2

R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 117738075
Conc: 450.89 ng/ml



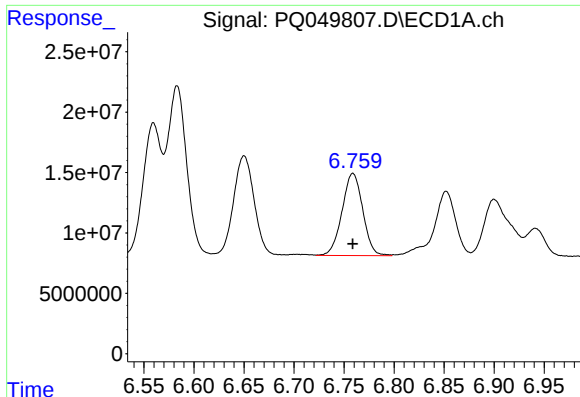
#18 AR-1242-3

R.T.: 6.650 min
Delta R.T.: 0.001 min
Response: 117115441
Conc: 468.90 ng/ml



#18 AR-1242-3

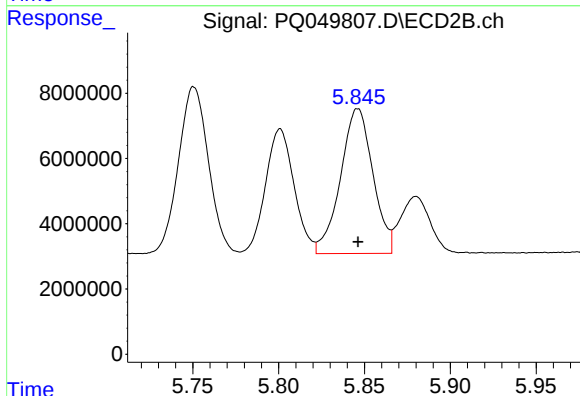
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 63421113
Conc: 453.40 ng/ml



#19 AR-1242-4

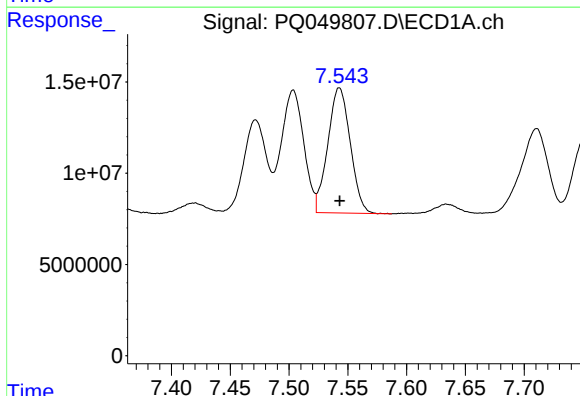
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 97948827
Conc: 468.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



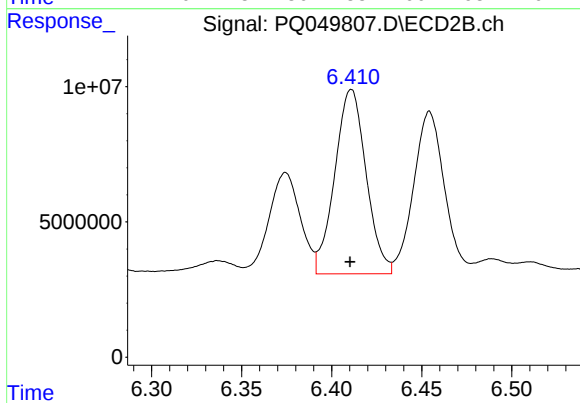
#19 AR-1242-4

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 58360971
Conc: 447.72 ng/ml



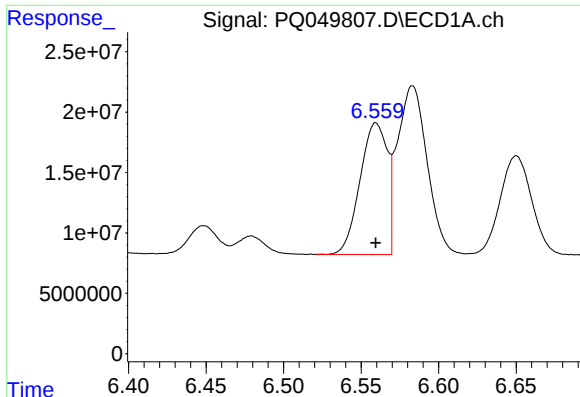
#20 AR-1242-5

R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 91121090
Conc: 446.67 ng/ml



#20 AR-1242-5

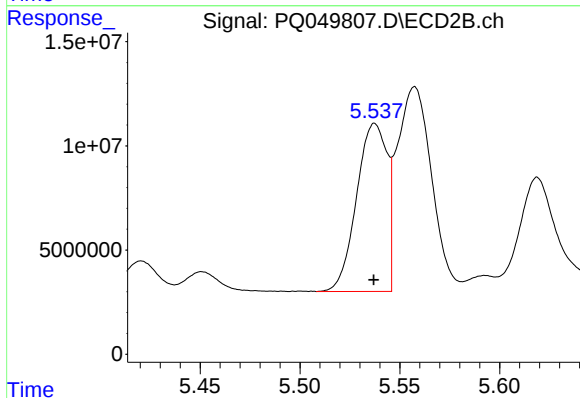
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 82550842
Conc: 436.73 ng/ml



#21 AR-1248-1

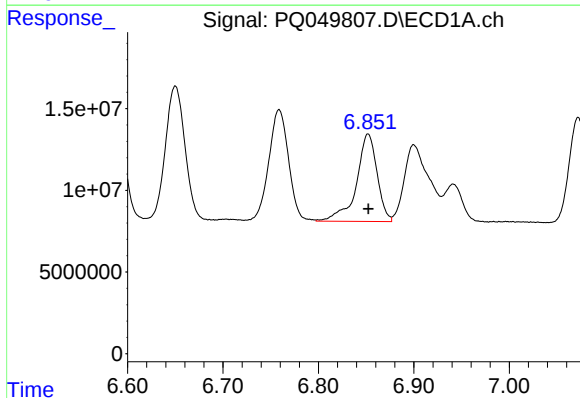
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 133746844
Conc: 708.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



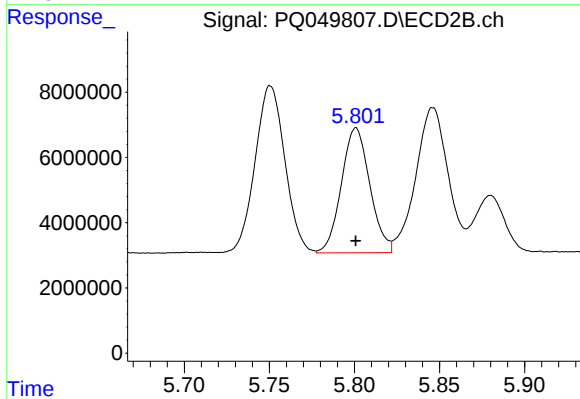
#21 AR-1248-1

R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 85611312
Conc: 640.30 ng/ml



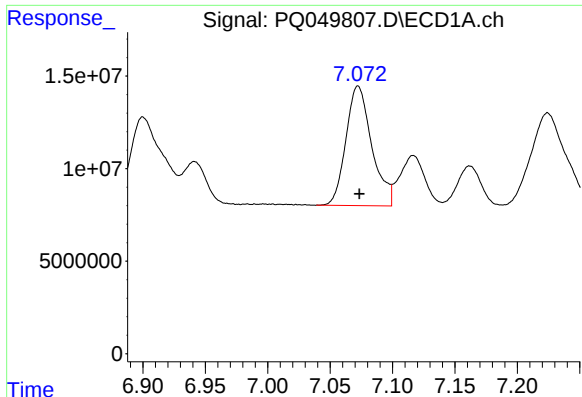
#22 AR-1248-2

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 80626708
Conc: 301.51 ng/ml



#22 AR-1248-2

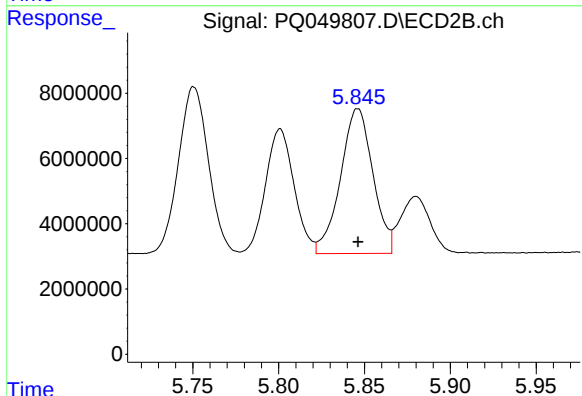
R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 44619719
Conc: 284.38 ng/ml



#23 AR-1248-3

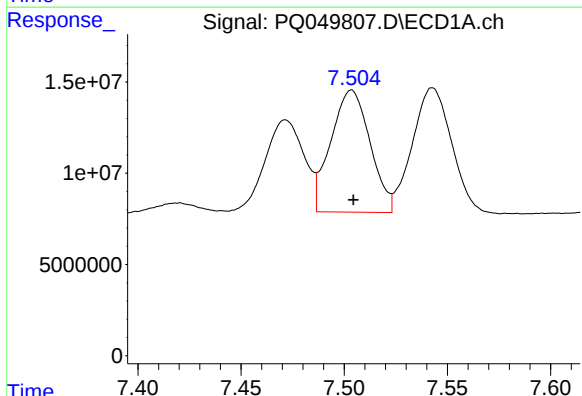
R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 93222068
Conc: 349.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



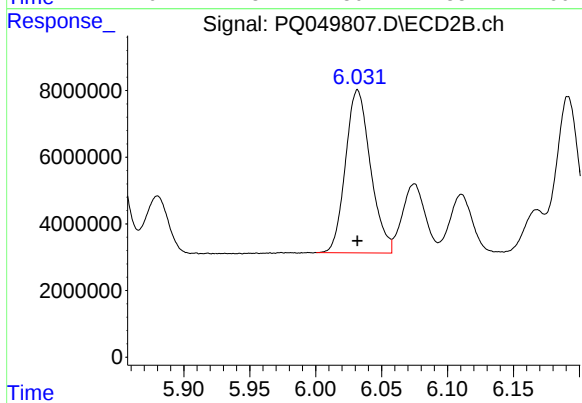
#23 AR-1248-3

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 58360971
Conc: 351.77 ng/ml



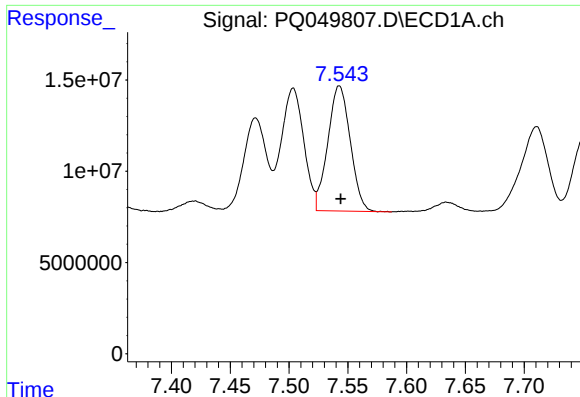
#24 AR-1248-4

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 88526744
Conc: 284.59 ng/ml



#24 AR-1248-4

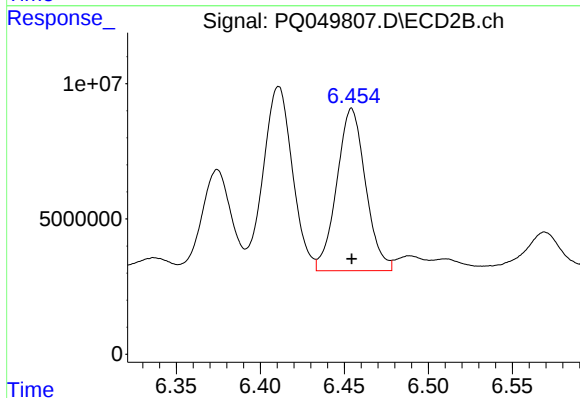
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 64612199
Conc: 310.20 ng/ml



#25 AR-1248-5

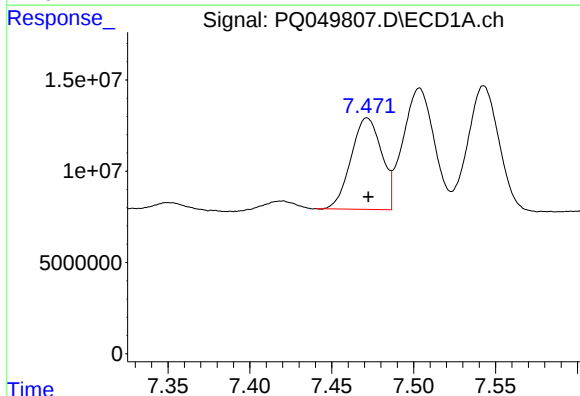
R.T.: 7.543 min
Delta R.T.: -0.001 min
Response: 91121090
Conc: 301.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



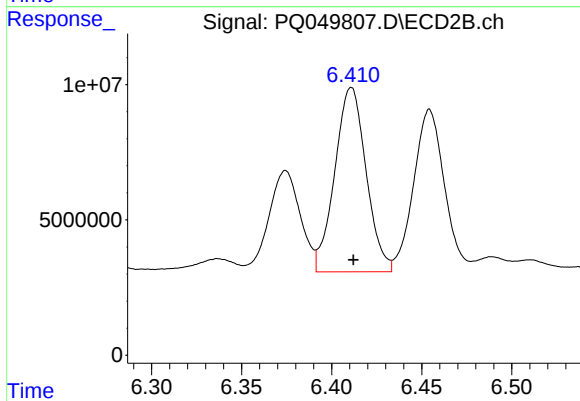
#25 AR-1248-5

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 71618789
Conc: 312.98 ng/ml



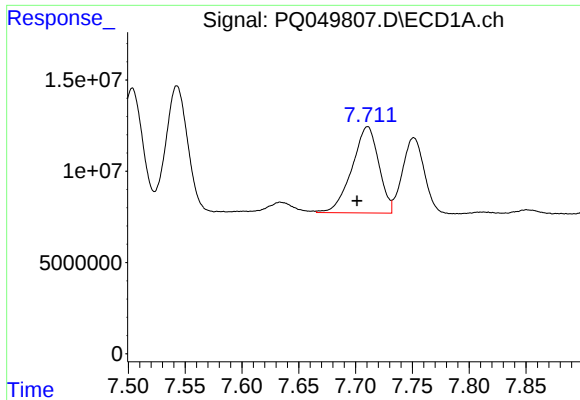
#26 AR-1254-1

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 65133521
Conc: 228.76 ng/ml



#26 AR-1254-1

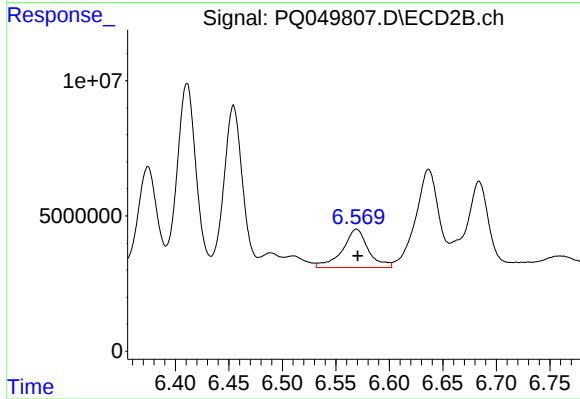
R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 82550842
Conc: 250.17 ng/ml



#27 AR-1254-2

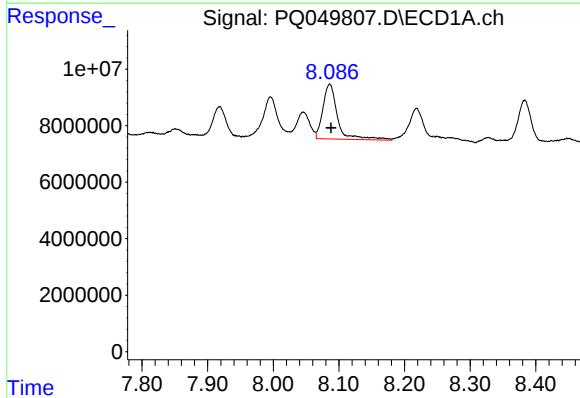
R.T.: 7.711 min
Delta R.T.: 0.009 min
Response: 77657354
Conc: 175.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



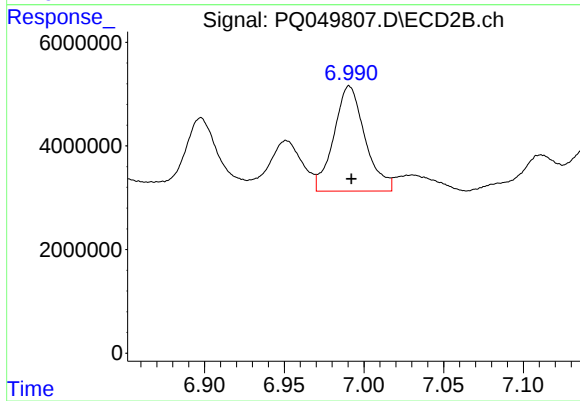
#27 AR-1254-2

R.T.: 6.569 min
Delta R.T.: -0.001 min
Response: 23899926
Conc: 83.02 ng/ml



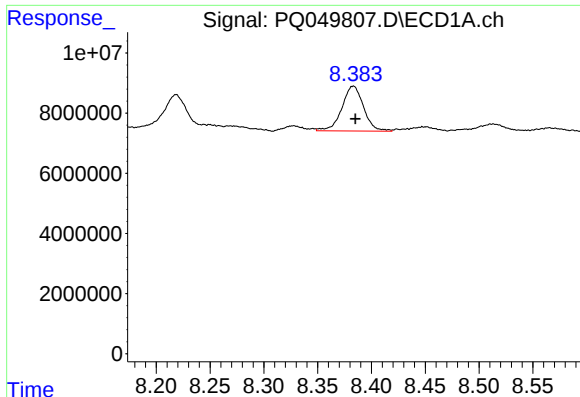
#28 AR-1254-3

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 30231365
Conc: 67.17 ng/ml



#28 AR-1254-3

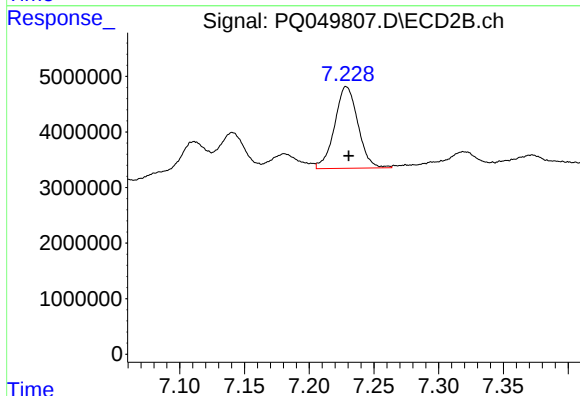
R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 27673304
Conc: 57.73 ng/ml



#29 AR-1254-4

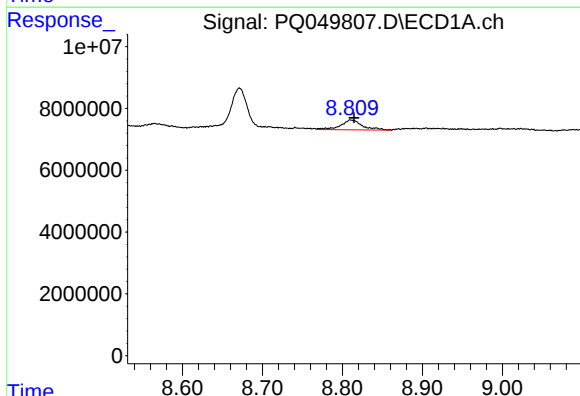
R.T.: 8.383 min
Delta R.T.: -0.002 min
Response: 21053755
Conc: 58.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



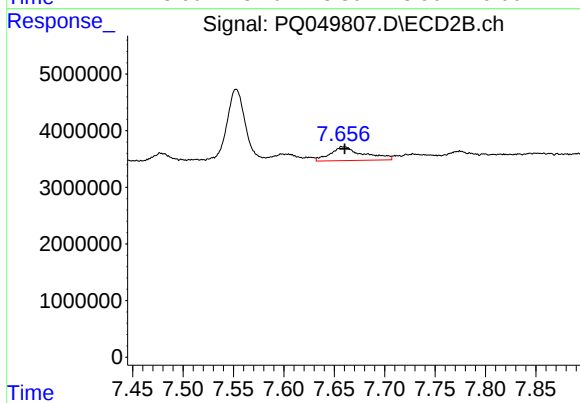
#29 AR-1254-4

R.T.: 7.229 min
Delta R.T.: -0.002 min
Response: 18436563
Conc: 52.72 ng/ml



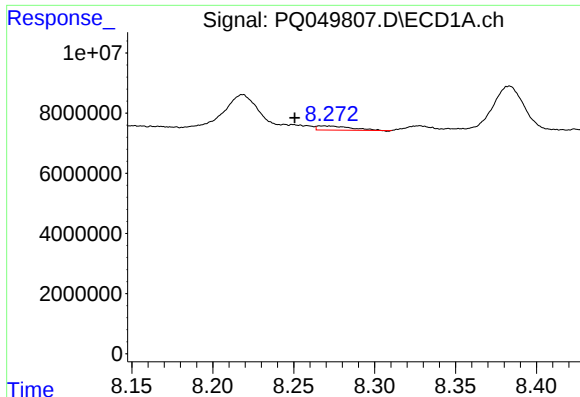
#30 AR-1254-5

R.T.: 8.811 min
Delta R.T.: -0.004 min
Response: 5932129
Conc: 15.80 ng/ml



#30 AR-1254-5

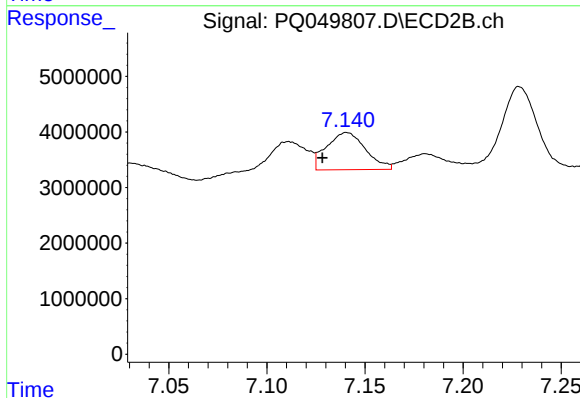
R.T.: 7.659 min
Delta R.T.: -0.001 min
Response: 5604306
Conc: 12.27 ng/ml



#31 AR-1260-1

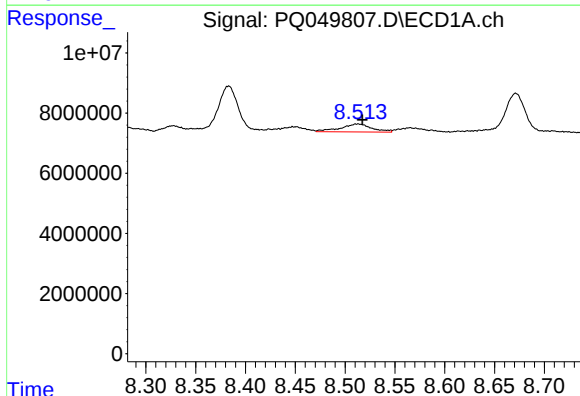
R.T.: 8.268 min
Delta R.T.: 0.017 min
Response: 1671661
Conc: 4.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



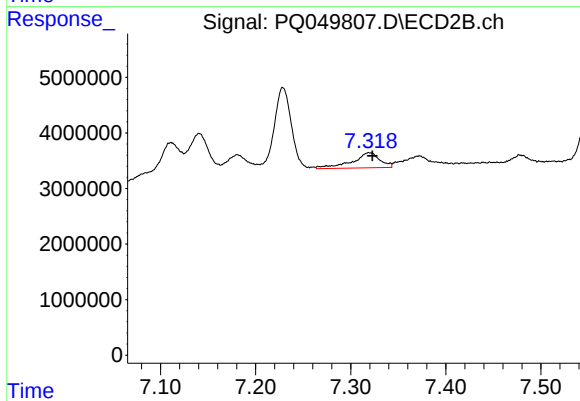
#31 AR-1260-1

R.T.: 7.141 min
Delta R.T.: 0.012 min
Response: 9293794
Conc: 28.38 ng/ml



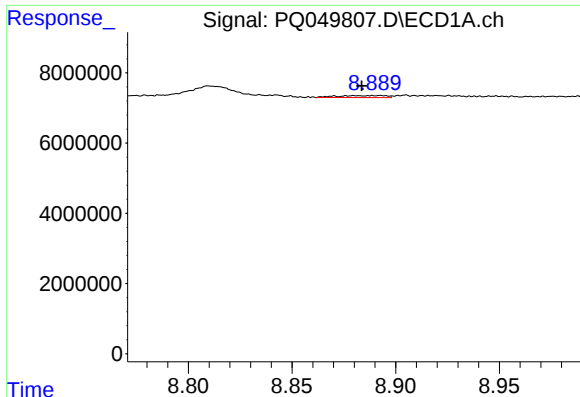
#32 AR-1260-2

R.T.: 8.513 min
Delta R.T.: -0.005 min
Response: 5706776
Conc: 13.00 ng/ml



#32 AR-1260-2

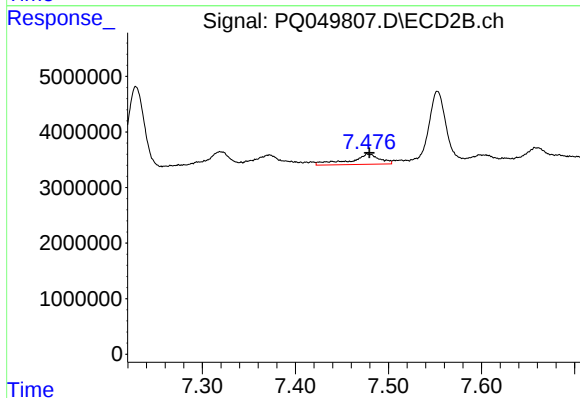
R.T.: 7.319 min
Delta R.T.: -0.003 min
Response: 5528950
Conc: 11.72 ng/ml



#33 AR-1260-3

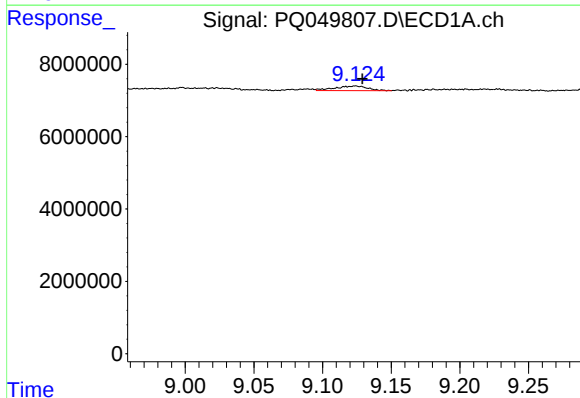
R.T.: 8.893 min
Delta R.T.: 0.009 min
Response: 925751
Conc: 2.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



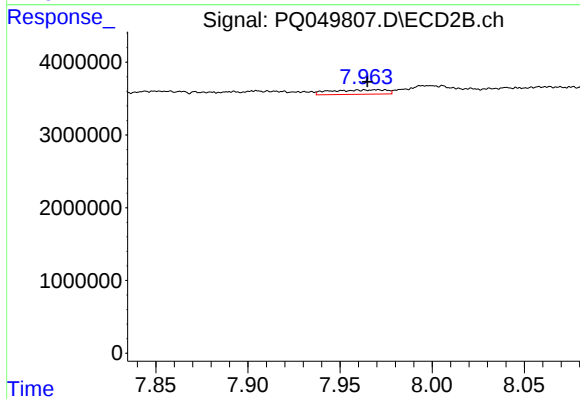
#33 AR-1260-3

R.T.: 7.478 min
Delta R.T.: -0.002 min
Response: 4095406
Conc: 10.39 ng/ml



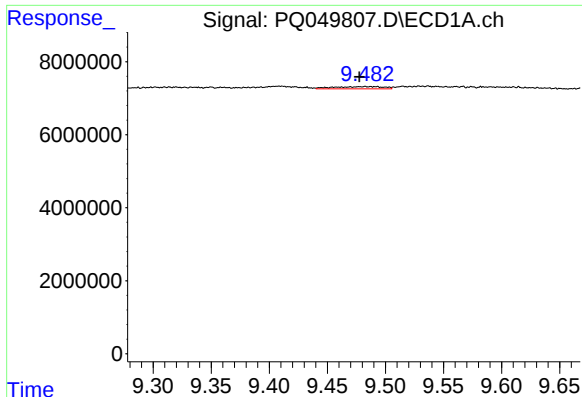
#34 AR-1260-4

R.T.: 9.124 min
Delta R.T.: -0.005 min
Response: 2069138
Conc: 5.30 ng/ml



#34 AR-1260-4

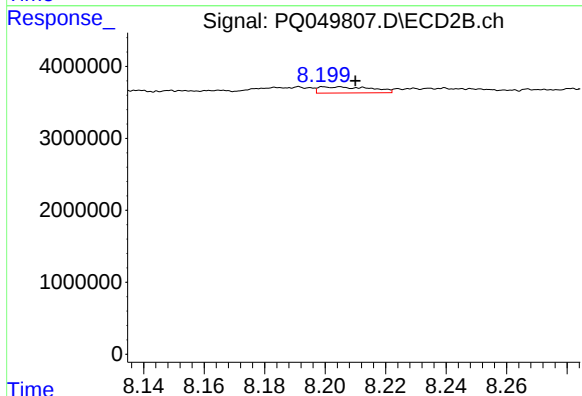
R.T.: 7.964 min
Delta R.T.: -0.001 min
Response: 1268807
Conc: 3.80 ng/ml



#35 AR-1260-5

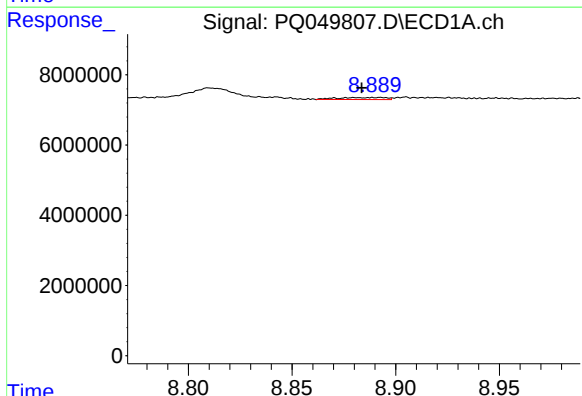
R.T.: 9.483 min
Delta R.T.: 0.005 min
Response: 1806273
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



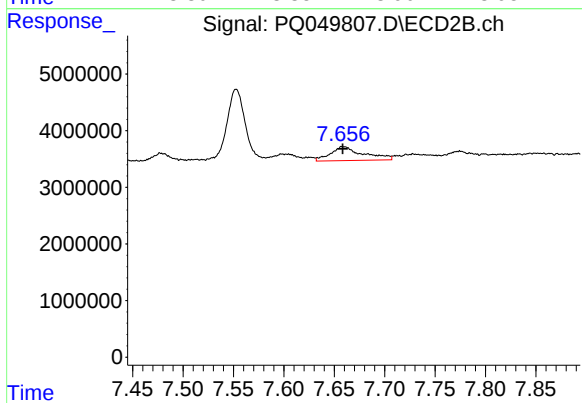
#35 AR-1260-5

R.T.: 8.205 min
Delta R.T.: -0.005 min
Response: 1022417
Conc: 1.15 ng/ml



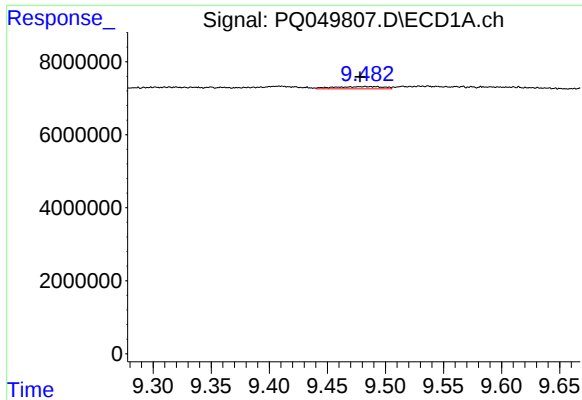
#36 AR-1262-1

R.T.: 8.893 min
Delta R.T.: 0.009 min
Response: 925751
Conc: 2.02 ng/ml



#36 AR-1262-1

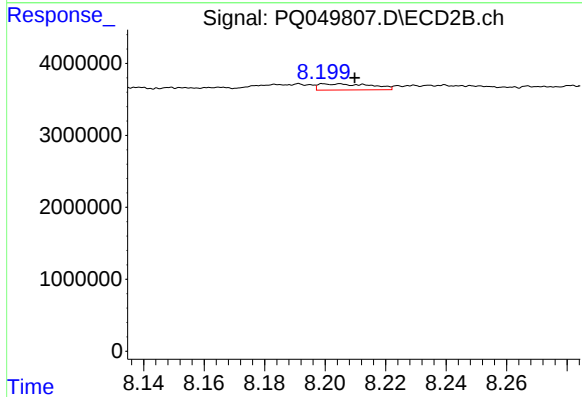
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 5604306
Conc: 22.74 ng/ml



#37 AR-1262-2

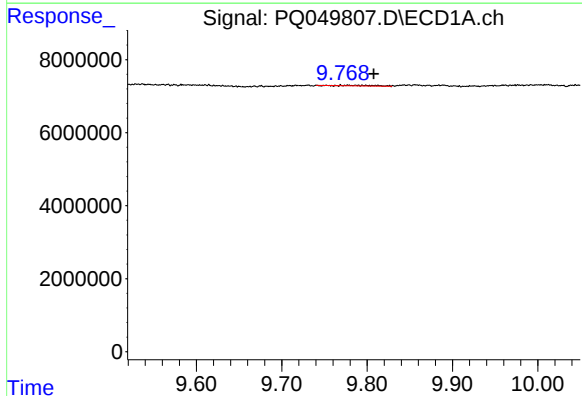
R.T.: 9.483 min
Delta R.T.: 0.005 min
Response: 1806273
Conc: 2.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



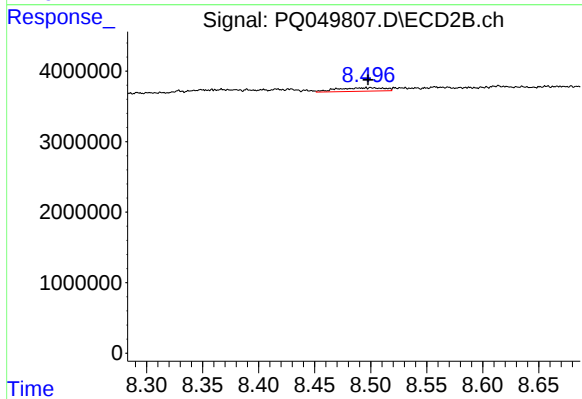
#37 AR-1262-2

R.T.: 8.205 min
Delta R.T.: -0.005 min
Response: 1022417
Conc: 1.06 ng/ml



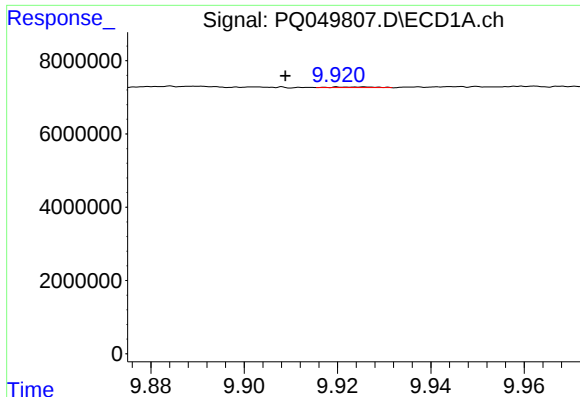
#38 AR-1262-3

R.T.: 9.778 min
Delta R.T.: -0.030 min
Response: 395655
Conc: 1.00 ng/ml



#38 AR-1262-3

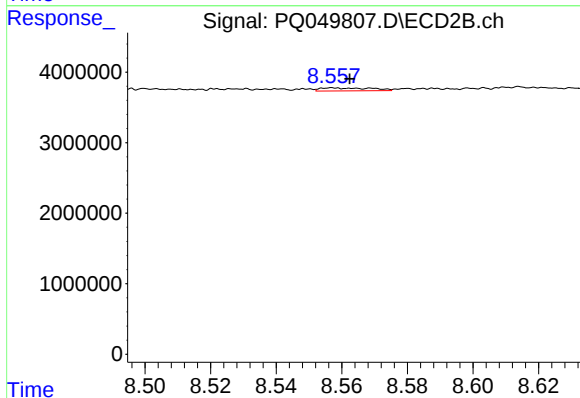
R.T.: 8.500 min
Delta R.T.: 0.003 min
Response: 1460202
Conc: 3.93 ng/ml



#39 AR-1262-4

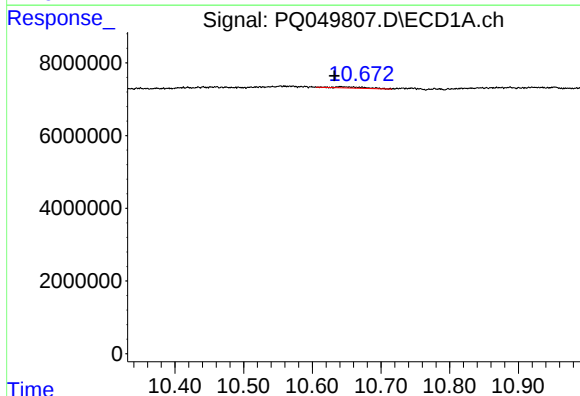
R.T.: 9.924 min
Delta R.T.: 0.016 min
Response: 108088
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



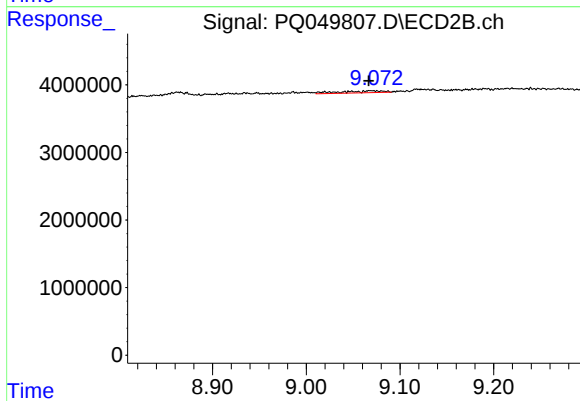
#39 AR-1262-4

R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 462043
Conc: 0.73 ng/ml



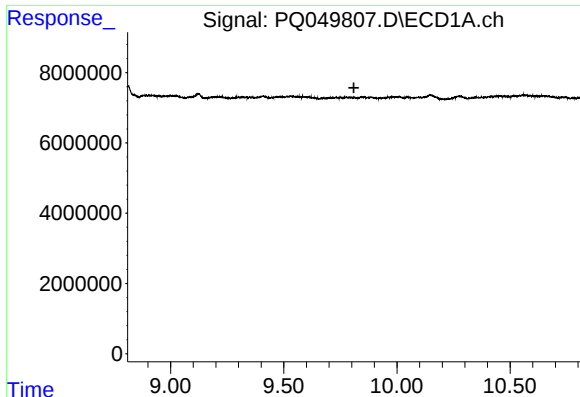
#40 AR-1262-5

R.T.: 10.642 min
Delta R.T.: 0.009 min
Response: 1035862
Conc: 3.11 ng/ml



#40 AR-1262-5

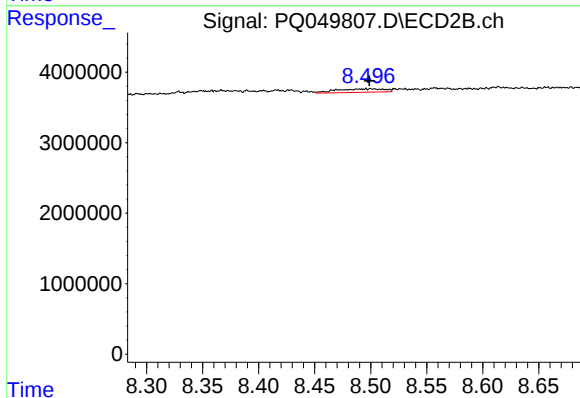
R.T.: 9.069 min
Delta R.T.: 0.003 min
Response: 926512
Conc: 3.31 ng/ml



#41 AR-1268-1

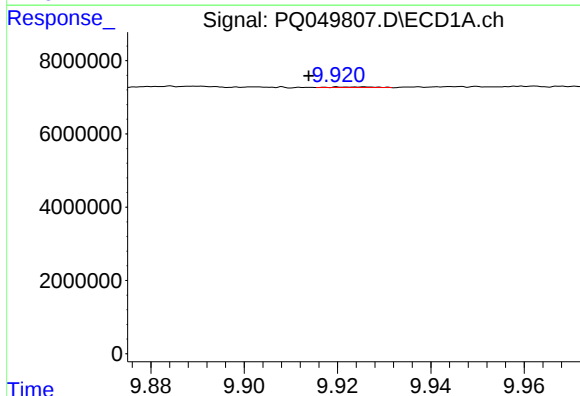
R.T.: 0.000 min
Exp R.T.: 9.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



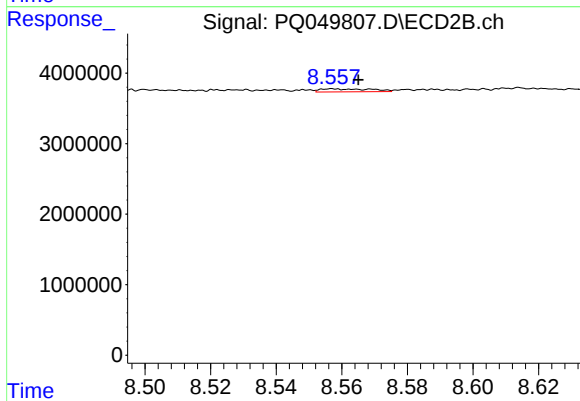
#41 AR-1268-1

R.T.: 8.500 min
Delta R.T.: 0.002 min
Response: 1460202
Conc: 1.30 ng/ml



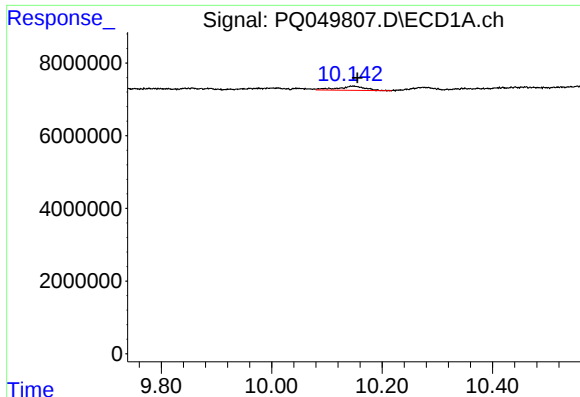
#42 AR-1268-2

R.T.: 9.924 min
Delta R.T.: 0.011 min
Response: 108088
Conc: 0.11 ng/ml



#42 AR-1268-2

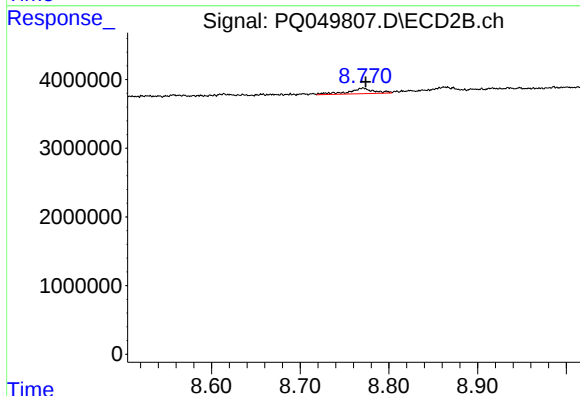
R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 462043
Conc: 0.49 ng/ml



#43 AR-1268-3

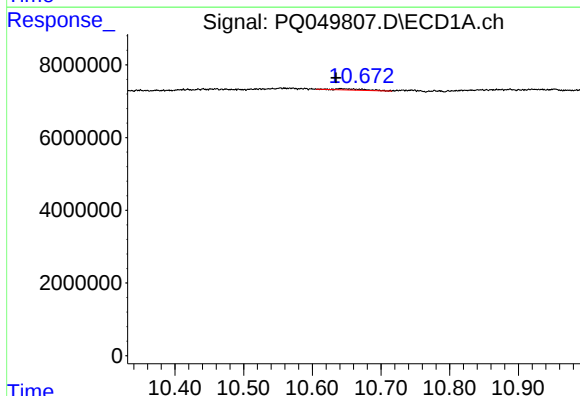
R.T.: 10.147 min
Delta R.T.: -0.008 min
Response: 4041946
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



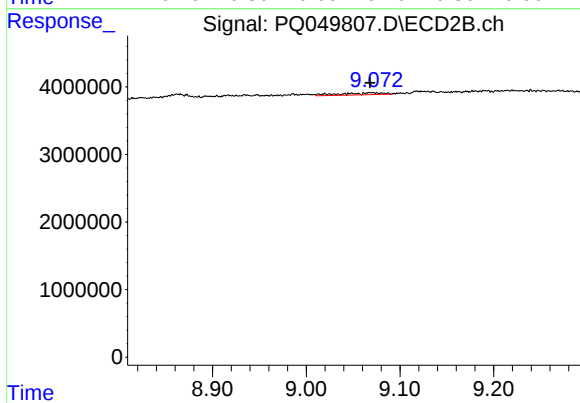
#43 AR-1268-3

R.T.: 8.771 min
Delta R.T.: -0.003 min
Response: 1573538
Conc: 2.11 ng/ml



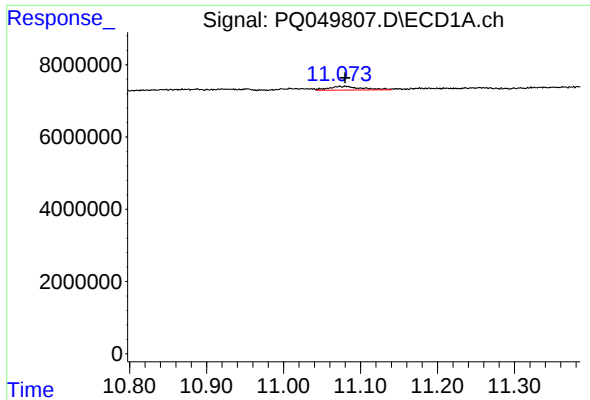
#44 AR-1268-4

R.T.: 10.642 min
Delta R.T.: 0.007 min
Response: 1035862
Conc: 2.75 ng/ml



#44 AR-1268-4

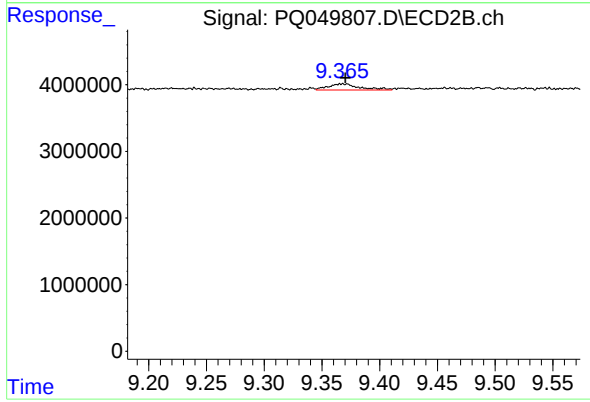
R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 926512
Conc: 2.80 ng/ml



#45 AR-1268-5

R.T.: 11.074 min
Delta R.T.: -0.006 min
Response: 3180203
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 1753139
Conc: 0.83 ng/ml