

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
 Data File : PQ042657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 13:31
 Operator : SM\AJ
 Sample : K4416-19
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 13:57:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.627	4.690	34422103	30680006	11.596	12.242
2)	SA Decachlor...	11.986	10.425	109.0E6	94376964	14.444	15.455
Target Compounds							
3)	L1 AR-1016-1	7.075	6.139	6491258	6418514	53.344	55.740
4)	L1 AR-1016-2	7.098	6.162	8619376	7837930	46.835	48.825
5)	L1 AR-1016-3	7.172	6.376	1223517	3881720	9.840	45.272 #
6)	L1 AR-1016-4	7.280	6.430	4136162	7717536	46.808	106.878 #
7)	L1 AR-1016-5	7.616	6.682	7943859	7925741	93.933	88.491
12)	L3 AR-1232-2	6.754	6.162	809273	7837930	21.986	102.604 #
13)	L3 AR-1232-3	7.098	6.376	8619376	3881720	103.107	95.666
14)	L3 AR-1232-4	7.280	6.478	4136162	7088951	101.443	178.193 #
15)	L3 AR-1232-5	7.389	6.682	6878566	7925741	281.228	199.866 #
16)	L4 AR-1242-1	7.075	6.139	6491258	6418514	62.200	62.135
17)	L4 AR-1242-2	7.098	6.162	8619376	7837930	56.586	55.310
18)	L4 AR-1242-3	7.167	6.376	973461	3881720	9.552	51.289 #
19)	L4 AR-1242-4	7.280	6.478	4136162	7088951	53.779	92.576 #
20)	L4 AR-1242-5	8.105	7.091	11568439	15444131	122.606	137.776
21)	L5 AR-1248-1	7.075	6.139	6491258	6418514	77.855	78.084
22)	L5 AR-1248-2	7.389	6.430	6878566	7717536	67.351	70.055
23)	L5 AR-1248-3	7.616	6.478	7943859	7088951	62.600	62.903
24)	L5 AR-1248-4	8.064	6.682	12678473	7925741	76.481	58.015
25)	L5 AR-1248-5	8.105	7.137	11568439	11391850	72.662	72.364
26)	L6 AR-1254-1	8.033	7.091	7422927	15444131	50.589	68.444 #
27)	L6 AR-1254-2	8.276	7.259	11584573	4055530	48.294	20.056 #
28)	L6 AR-1254-3	8.667	7.706	6934586	7600196	24.324	21.583
29)	L6 AR-1254-4	8.970	7.956	4725561	5884727	19.819	22.933
30)	L6 AR-1254-5	9.407	8.401	1787570	4094015	6.923	11.267 #
31)	L7 AR-1260-1	8.838	7.860	483392	4913544	2.742	24.083 #
32)	L7 AR-1260-2	9.108	8.051	3090686	2064058	12.859	7.705 #
33)	L7 AR-1260-3	9.481	8.214	140671	1817079	0.651	7.623 #
34)	L7 AR-1260-4	9.722	8.714	1220017	1083410	5.024	4.779
35)	L7 AR-1260-5	10.065	8.966	48154	6304538	0.081	10.123 #
36)	L8 AR-1262-1	9.485	8.502	22186	1806756	0.154	10.555 #
37)	L8 AR-1262-2	10.065	8.966	48154	6304538	0.064	7.547 #
38)	L8 AR-1262-3	0.000	9.258	0	3959208	N.D.	11.139 #
39)	L8 AR-1262-4	10.564	9.324	135115	2512455	0.311	3.896 #
40)	L8 AR-1262-5	0.000	9.844	0	849039	N.D.	2.684 #
41)	L9 AR-1268-1	0.000	9.258	0	3959208	N.D.	3.944 #
42)	L9 AR-1268-2	10.564	9.324	135115	2512455	0.145	2.676 #
43)	L9 AR-1268-3	10.735	9.535	101624	4093154	0.125	5.139 #
44)	L9 AR-1268-4	0.000	9.844	0	849039	N.D.	2.481 #
45)	L9 AR-1268-5	11.632	10.156	1588186	2264262	0.561	0.883 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
Data File : PQ042657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2019 13:31
Operator : SM\AJ
Sample : K4416-19
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 13:57:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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

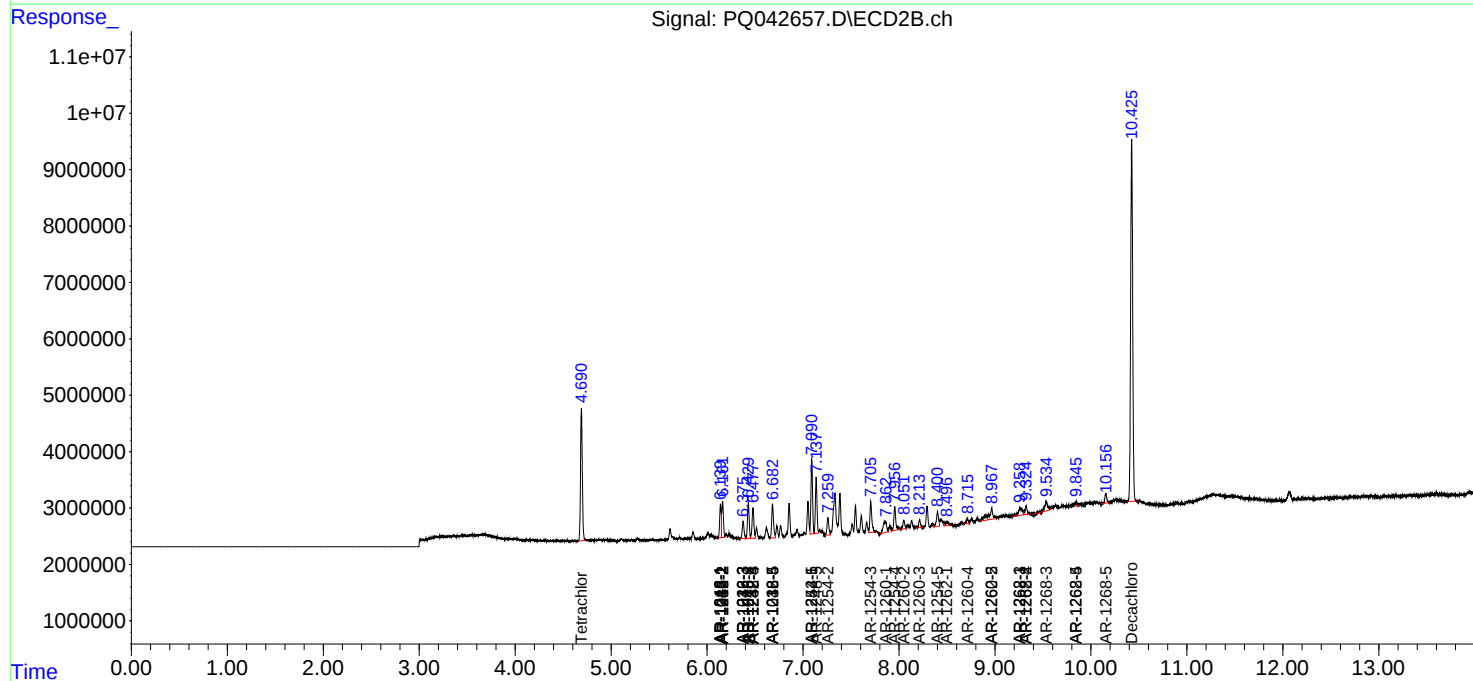
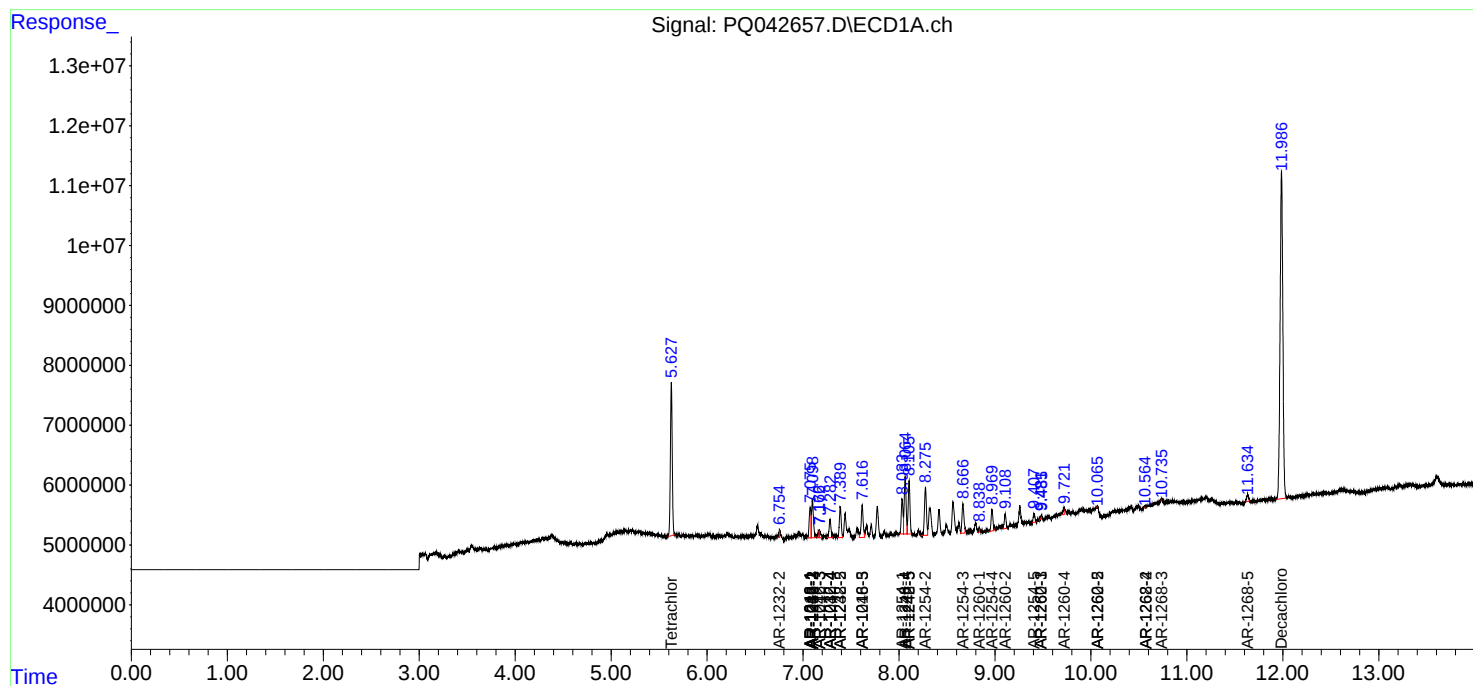
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

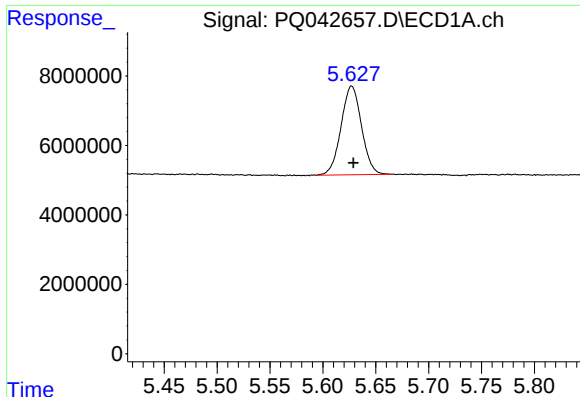
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
Data File : PQ042657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2019 13:31
Operator : SM\AJ
Sample : K4416-19
Misc :
ALS Vial : 62 Sample Multiplier: 1

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ECD_Q
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Quant Time: Aug 21 13:57:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

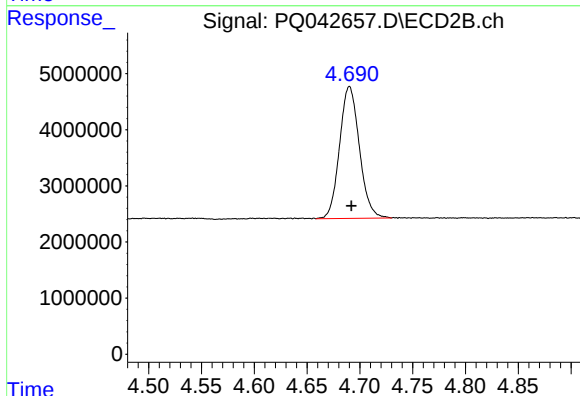




#1 Tetrachloro-m-xylene

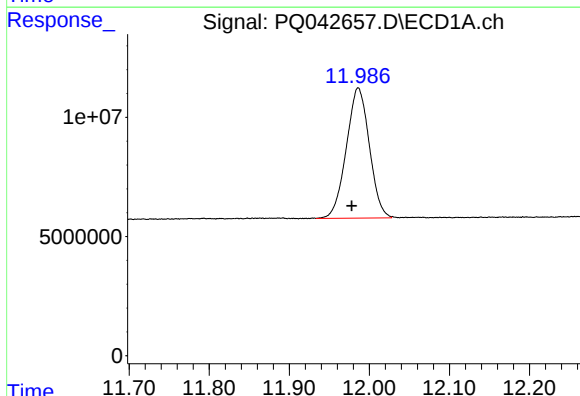
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 34422103
Conc: 11.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



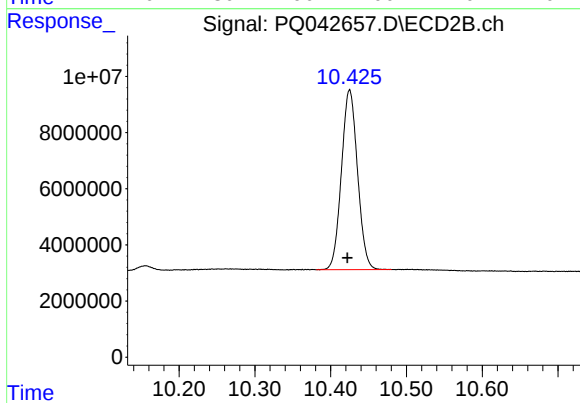
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 30680006
Conc: 12.24 ng/ml



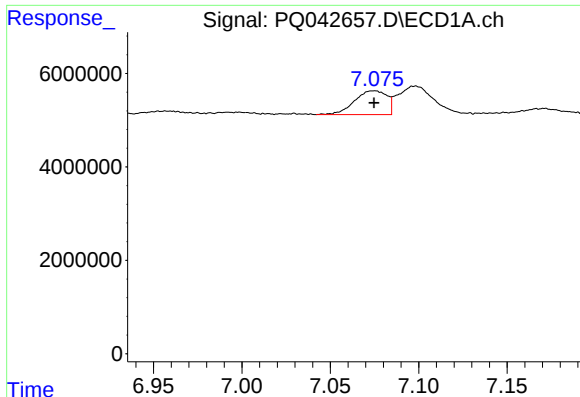
#2 Decachlorobiphenyl

R.T.: 11.986 min
Delta R.T.: 0.008 min
Response: 109034407
Conc: 14.44 ng/ml



#2 Decachlorobiphenyl

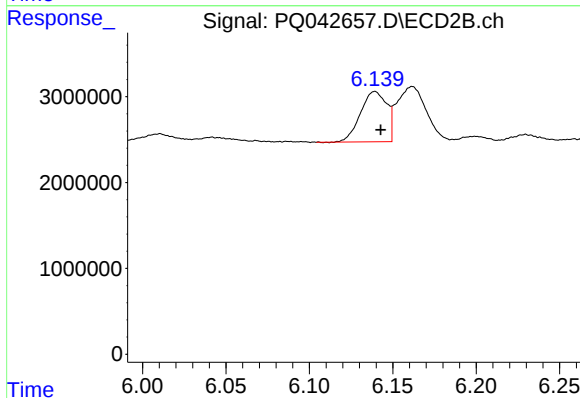
R.T.: 10.425 min
Delta R.T.: 0.003 min
Response: 94376964
Conc: 15.46 ng/ml



#3 AR-1016-1

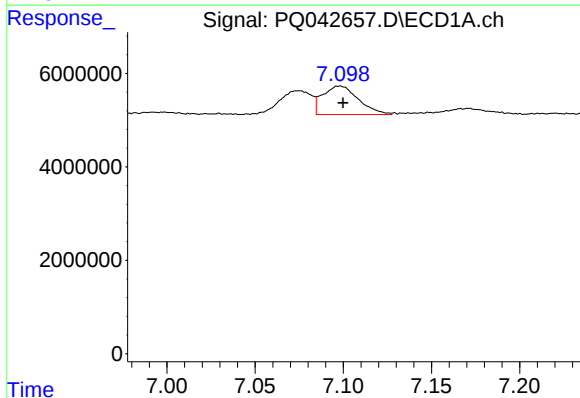
R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 6491258
Conc: 53.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



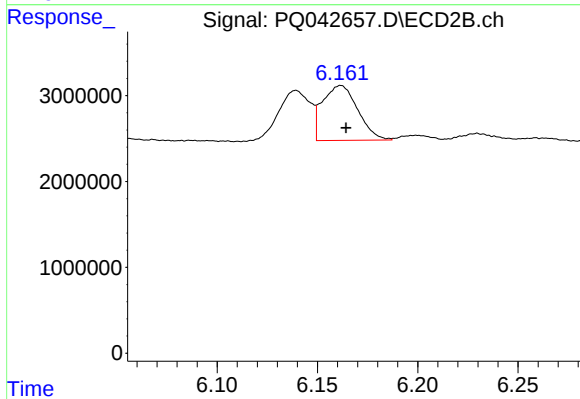
#3 AR-1016-1

R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 6418514
Conc: 55.74 ng/ml



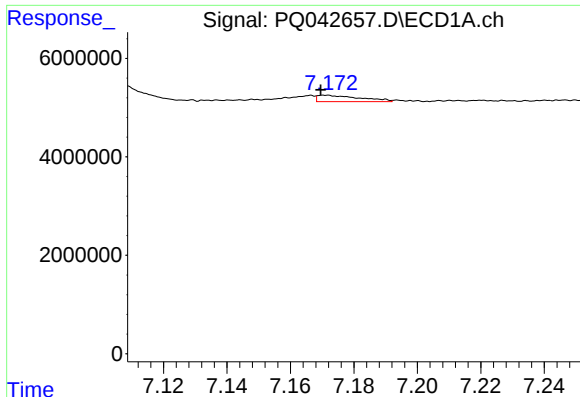
#4 AR-1016-2

R.T.: 7.098 min
Delta R.T.: -0.001 min
Response: 8619376
Conc: 46.83 ng/ml



#4 AR-1016-2

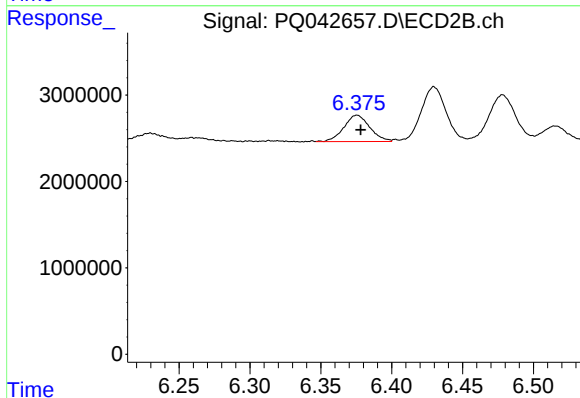
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 7837930
Conc: 48.83 ng/ml



#5 AR-1016-3

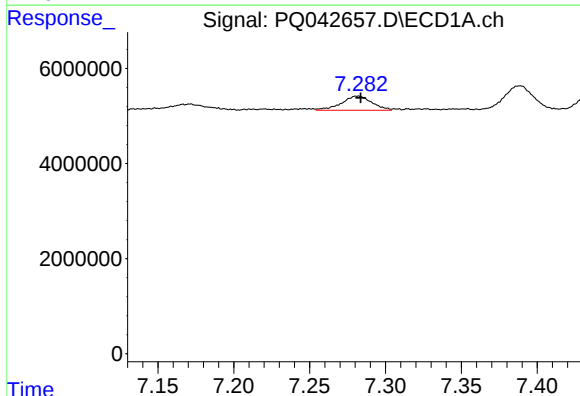
R.T.: 7.172 min
Delta R.T.: 0.003 min
Response: 1223517
Conc: 9.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



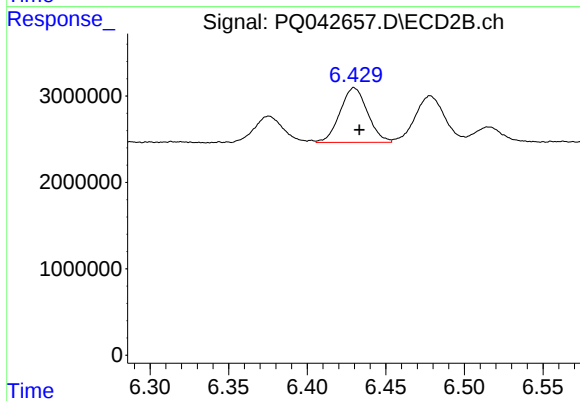
#5 AR-1016-3

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 3881720
Conc: 45.27 ng/ml



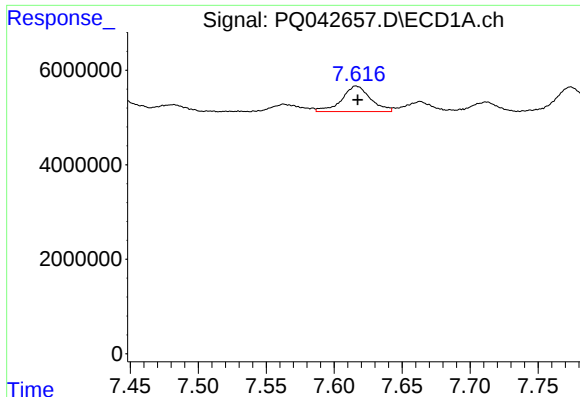
#6 AR-1016-4

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 4136162
Conc: 46.81 ng/ml



#6 AR-1016-4

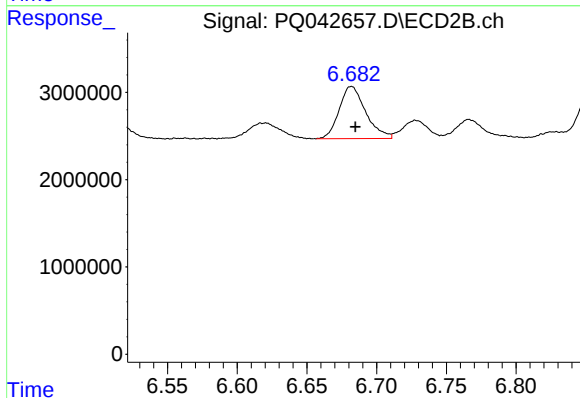
R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 7717536
Conc: 106.88 ng/ml



#7 AR-1016-5

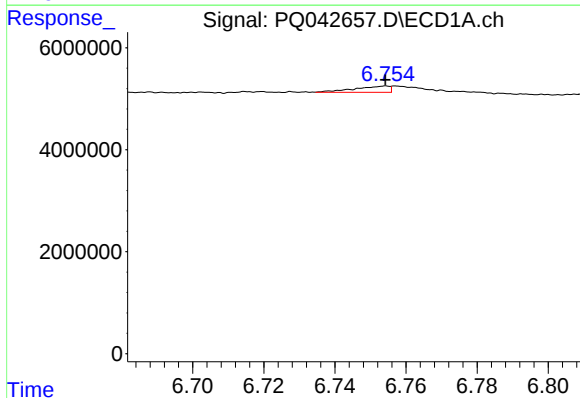
R.T.: 7.616 min
Delta R.T.: -0.001 min
Response: 7943859
Conc: 93.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



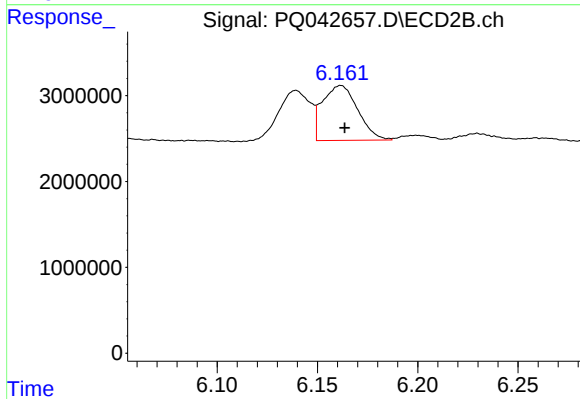
#7 AR-1016-5

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 7925741
Conc: 88.49 ng/ml



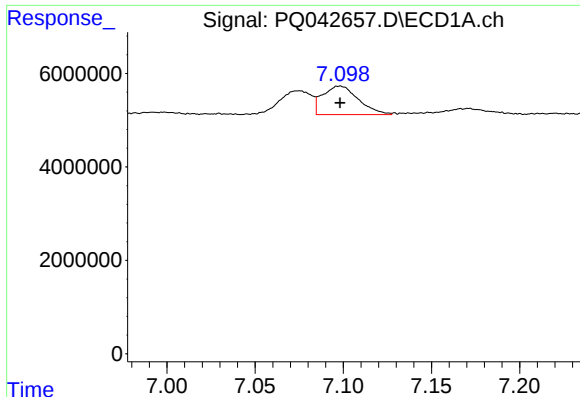
#12 AR-1232-2

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 809273
Conc: 21.99 ng/ml



#12 AR-1232-2

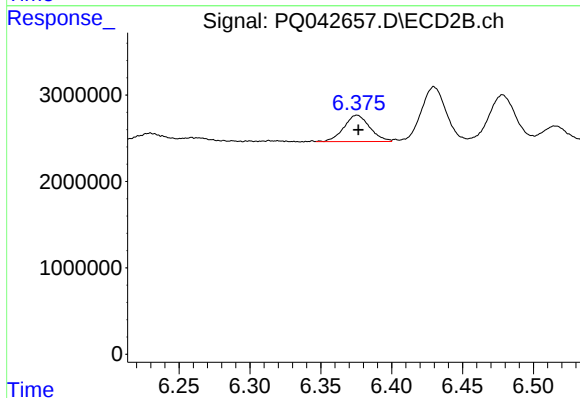
R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 7837930
Conc: 102.60 ng/ml



#13 AR-1232-3

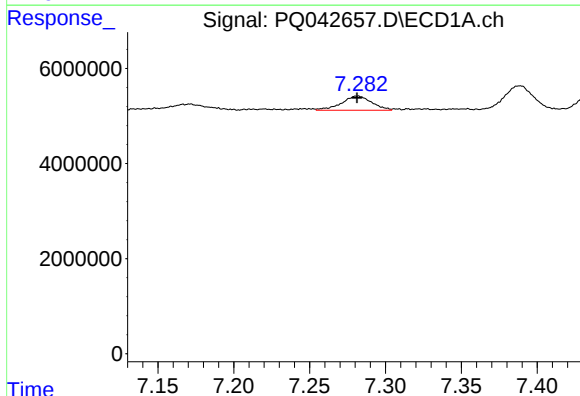
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 8619376
Conc: 103.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



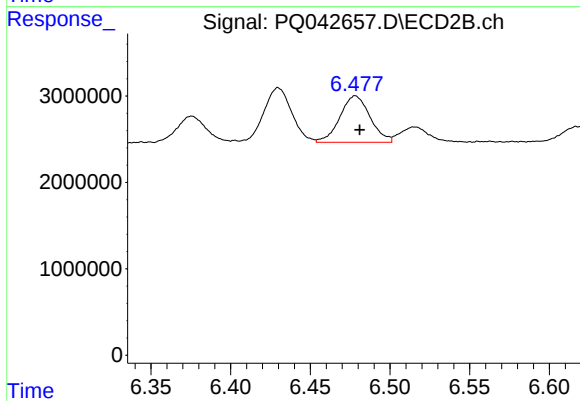
#13 AR-1232-3

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 3881720
Conc: 95.67 ng/ml



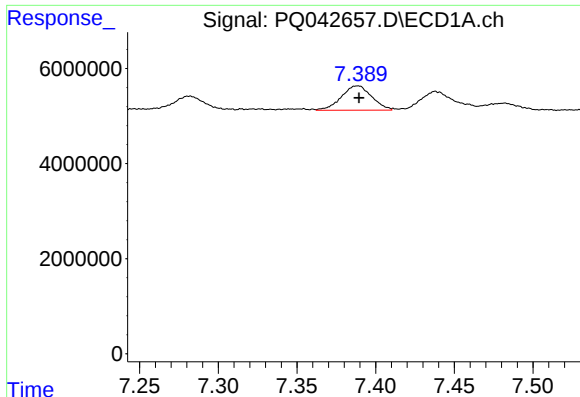
#14 AR-1232-4

R.T.: 7.280 min
Delta R.T.: -0.001 min
Response: 4136162
Conc: 101.44 ng/ml



#14 AR-1232-4

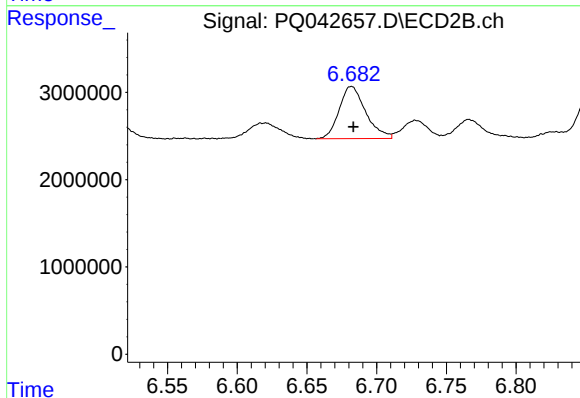
R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 7088951
Conc: 178.19 ng/ml



#15 AR-1232-5

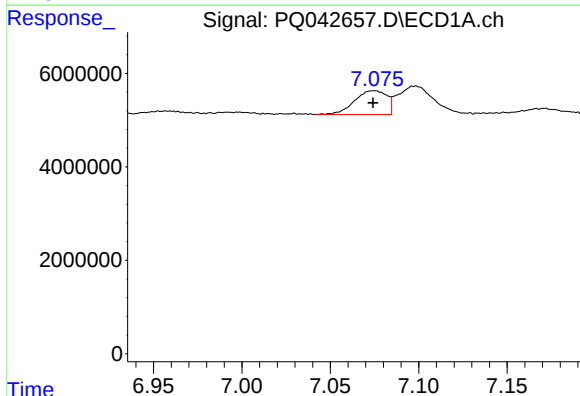
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 6878566
Conc: 281.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



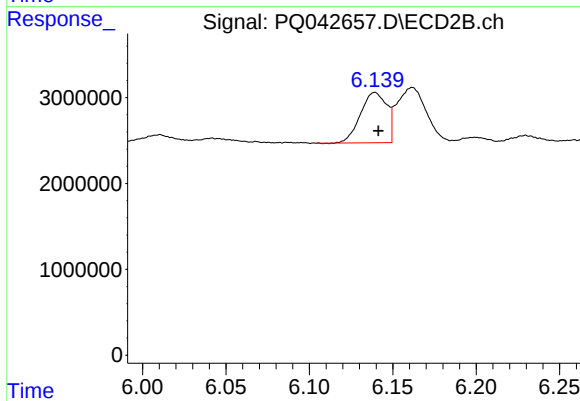
#15 AR-1232-5

R.T.: 6.682 min
Delta R.T.: -0.001 min
Response: 7925741
Conc: 199.87 ng/ml



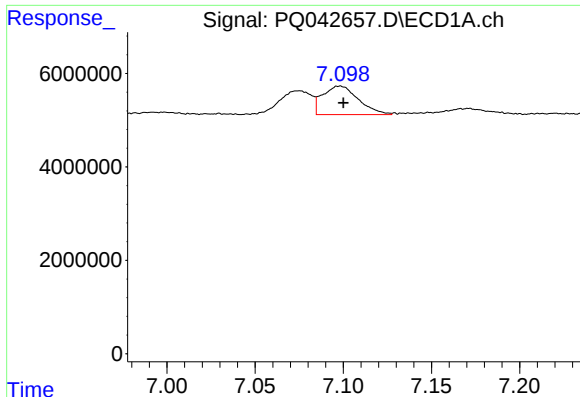
#16 AR-1242-1

R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 6491258
Conc: 62.20 ng/ml



#16 AR-1242-1

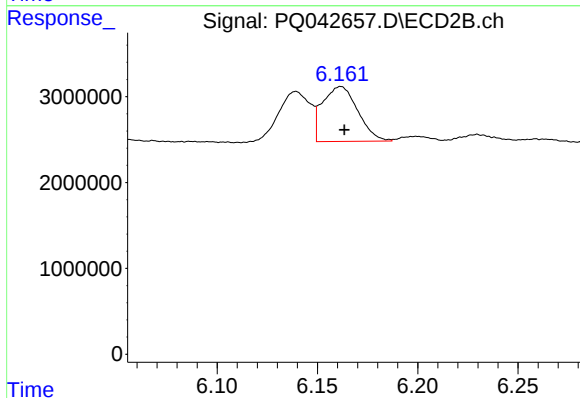
R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 6418514
Conc: 62.13 ng/ml



#17 AR-1242-2

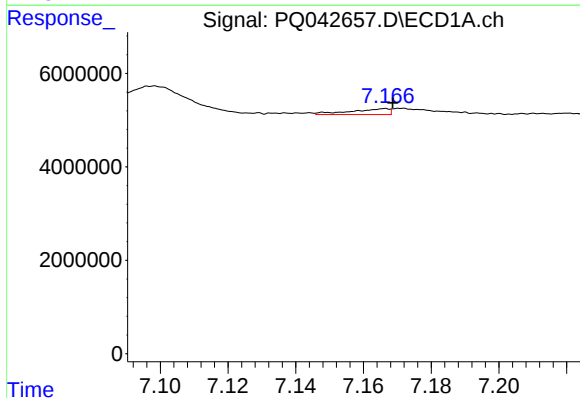
R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 8619376
Conc: 56.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



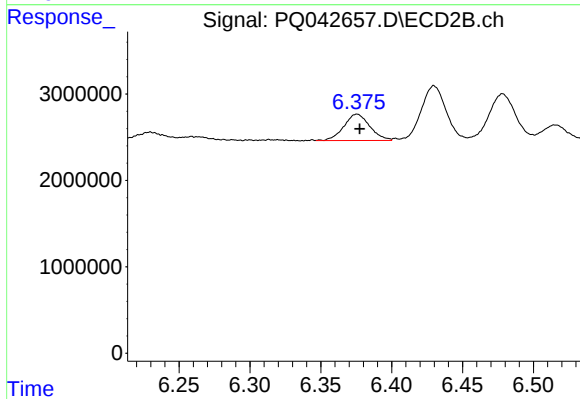
#17 AR-1242-2

R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 7837930
Conc: 55.31 ng/ml



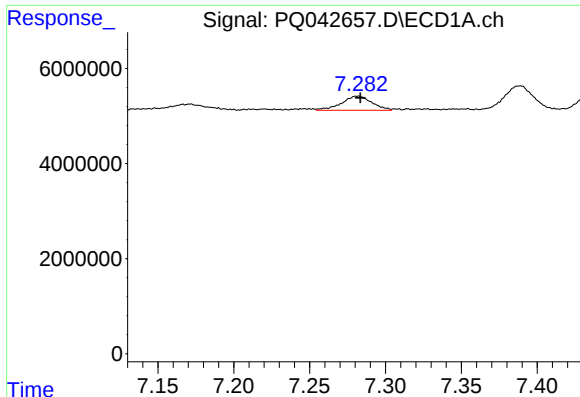
#18 AR-1242-3

R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 973461
Conc: 9.55 ng/ml



#18 AR-1242-3

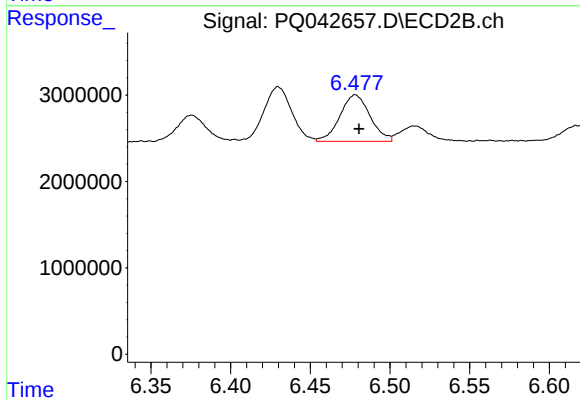
R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 3881720
Conc: 51.29 ng/ml



#19 AR-1242-4

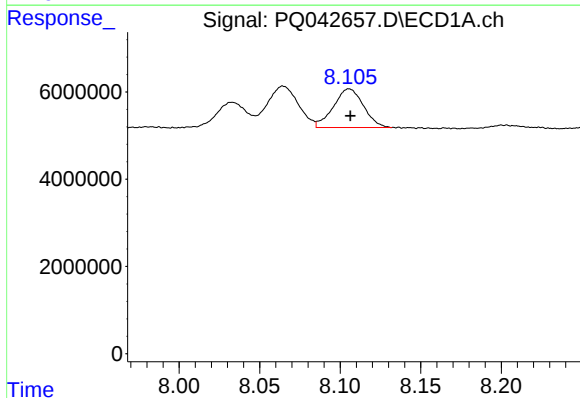
R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 4136162
Conc: 53.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



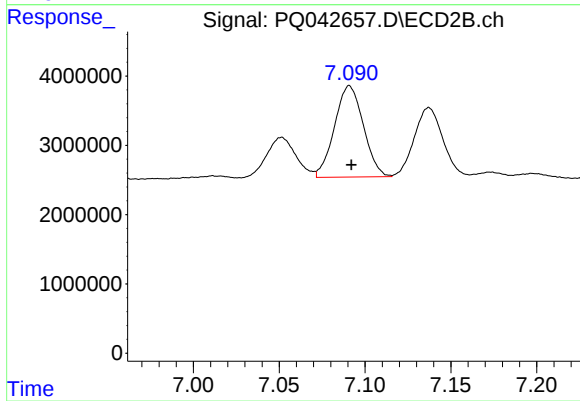
#19 AR-1242-4

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 7088951
Conc: 92.58 ng/ml



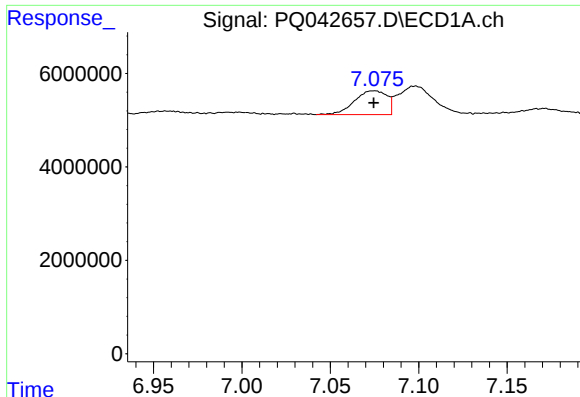
#20 AR-1242-5

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 11568439
Conc: 122.61 ng/ml



#20 AR-1242-5

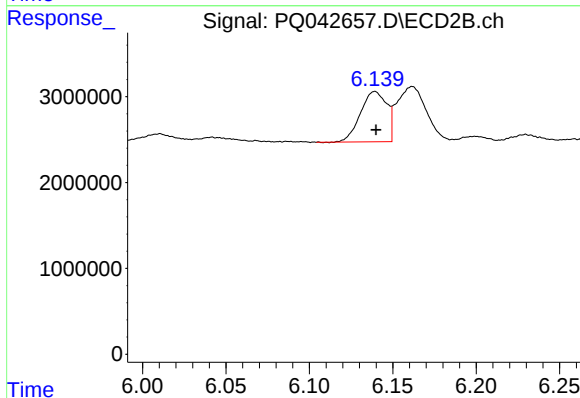
R.T.: 7.091 min
Delta R.T.: -0.001 min
Response: 15444131
Conc: 137.78 ng/ml



#21 AR-1248-1

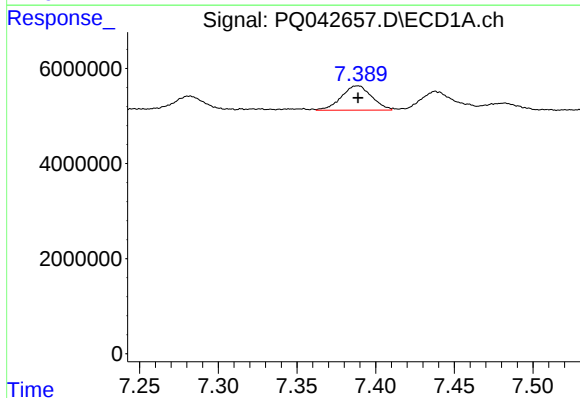
R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 6491258
Conc: 77.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



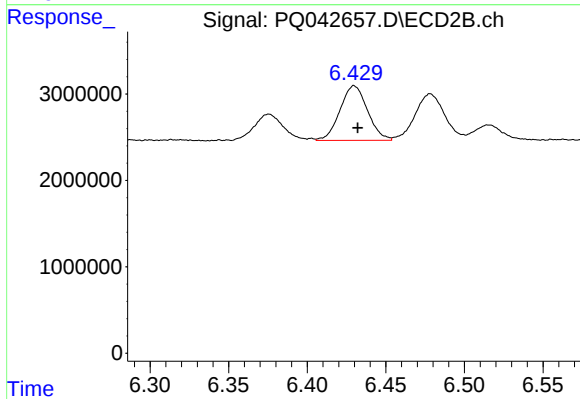
#21 AR-1248-1

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 6418514
Conc: 78.08 ng/ml



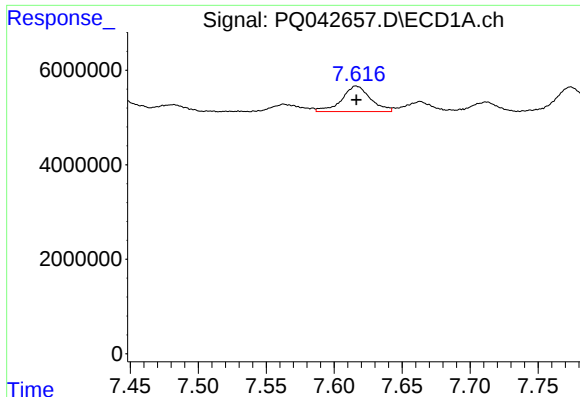
#22 AR-1248-2

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 6878566
Conc: 67.35 ng/ml



#22 AR-1248-2

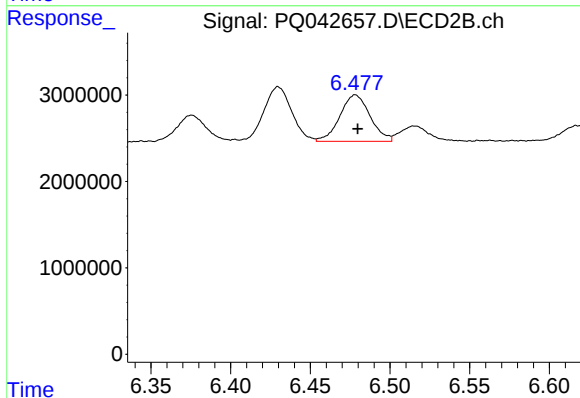
R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 7717536
Conc: 70.06 ng/ml



#23 AR-1248-3

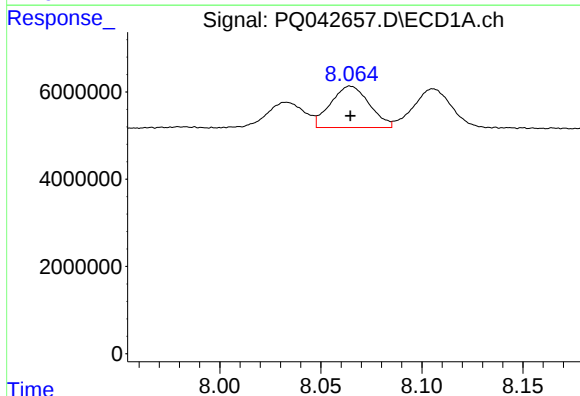
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 7943859
Conc: 62.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



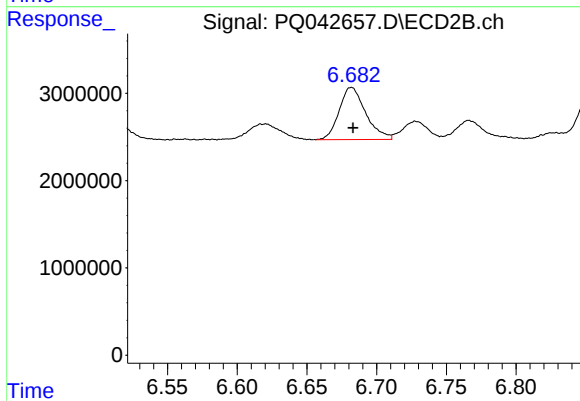
#23 AR-1248-3

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 7088951
Conc: 62.90 ng/ml



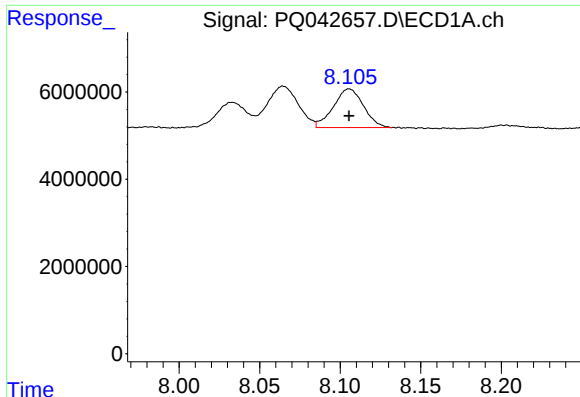
#24 AR-1248-4

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 12678473
Conc: 76.48 ng/ml



#24 AR-1248-4

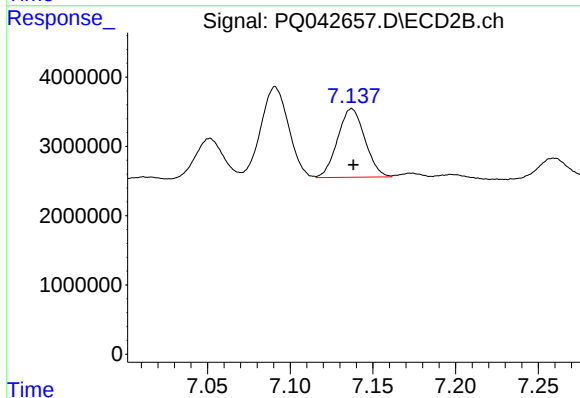
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 7925741
Conc: 58.01 ng/ml



#25 AR-1248-5

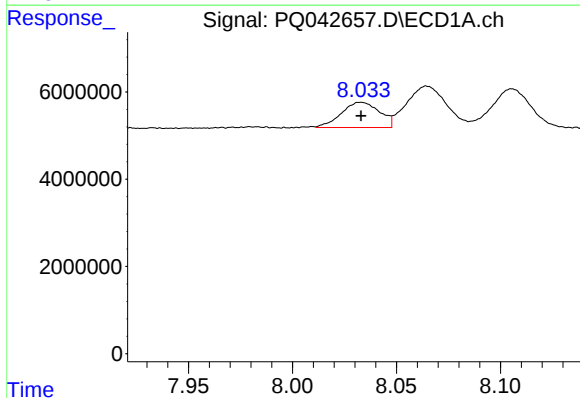
R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 11568439
Conc: 72.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



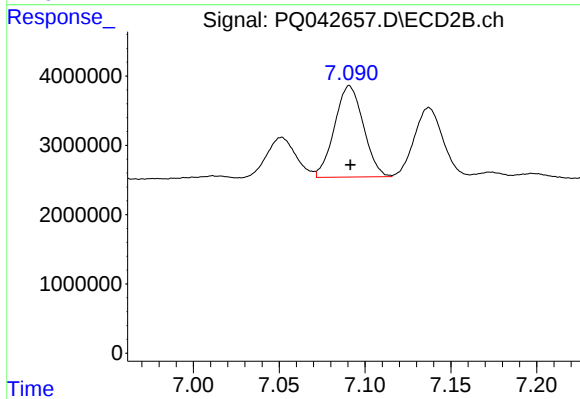
#25 AR-1248-5

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 11391850
Conc: 72.36 ng/ml



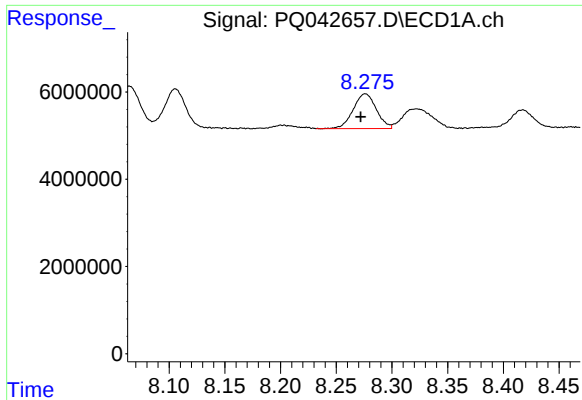
#26 AR-1254-1

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 7422927
Conc: 50.59 ng/ml



#26 AR-1254-1

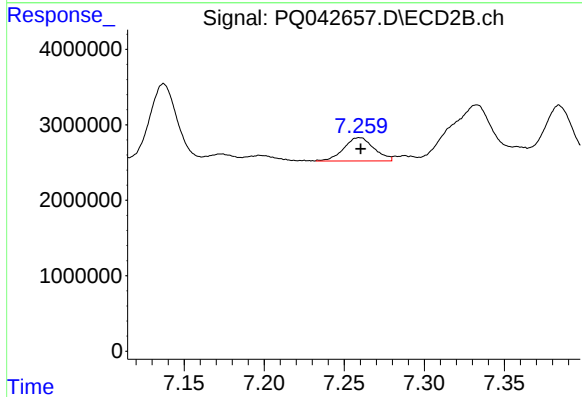
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 15444131
Conc: 68.44 ng/ml



#27 AR-1254-2

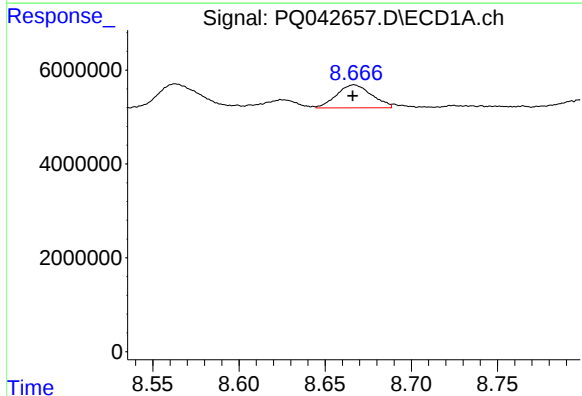
R.T.: 8.276 min
Delta R.T.: 0.004 min
Response: 11584573
Conc: 48.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



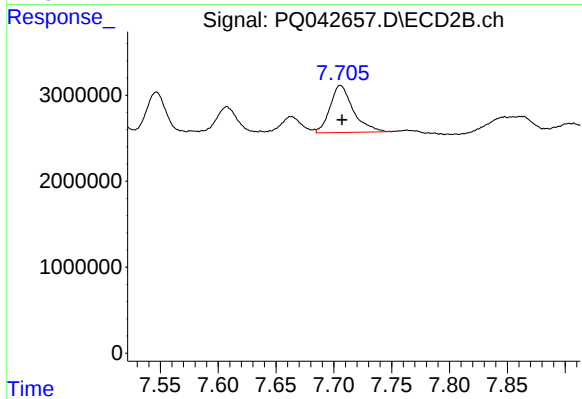
#27 AR-1254-2

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 4055530
Conc: 20.06 ng/ml



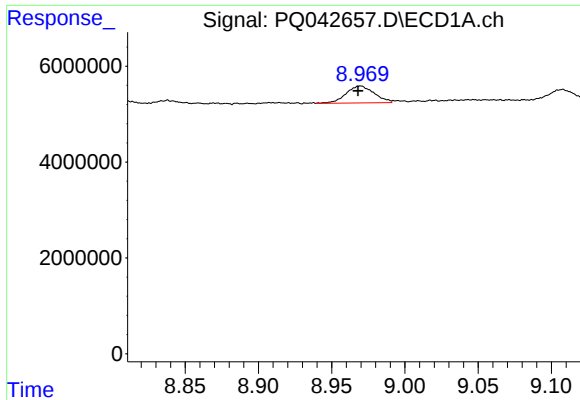
#28 AR-1254-3

R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 6934586
Conc: 24.32 ng/ml



#28 AR-1254-3

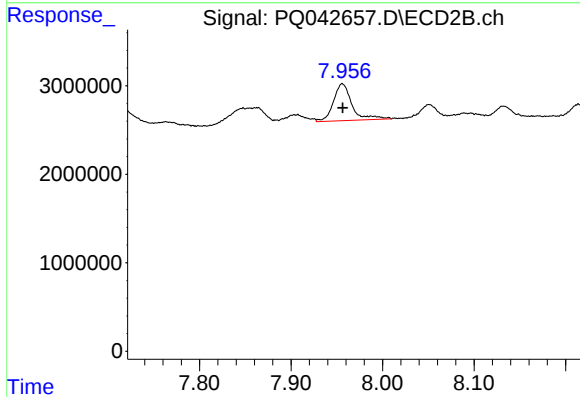
R.T.: 7.706 min
Delta R.T.: -0.002 min
Response: 7600196
Conc: 21.58 ng/ml



#29 AR-1254-4

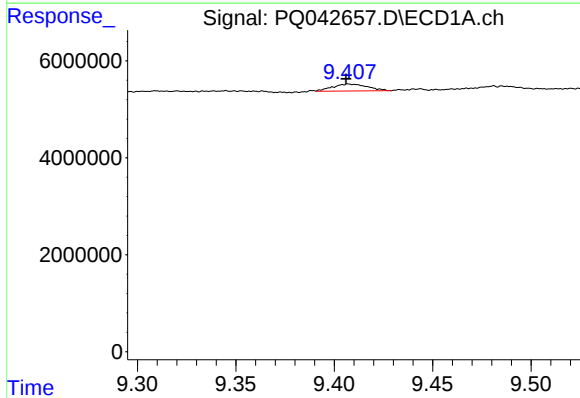
R.T.: 8.970 min
Delta R.T.: 0.002 min
Response: 4725561
Conc: 19.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



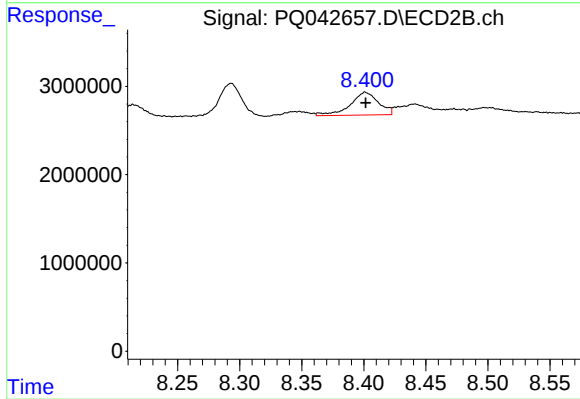
#29 AR-1254-4

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 5884727
Conc: 22.93 ng/ml



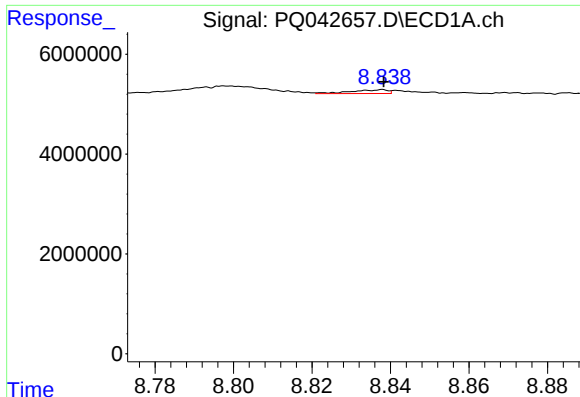
#30 AR-1254-5

R.T.: 9.407 min
Delta R.T.: 0.000 min
Response: 1787570
Conc: 6.92 ng/ml



#30 AR-1254-5

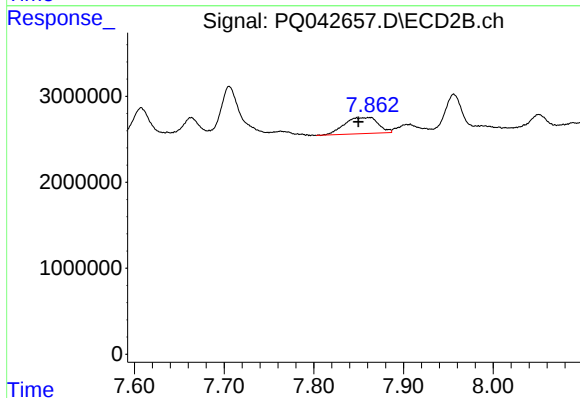
R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 4094015
Conc: 11.27 ng/ml



#31 AR-1260-1

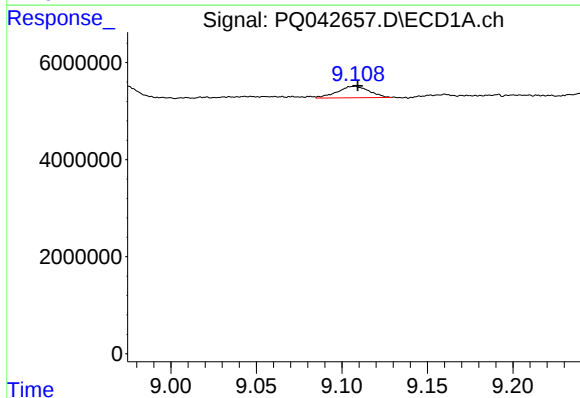
R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 483392
Conc: 2.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



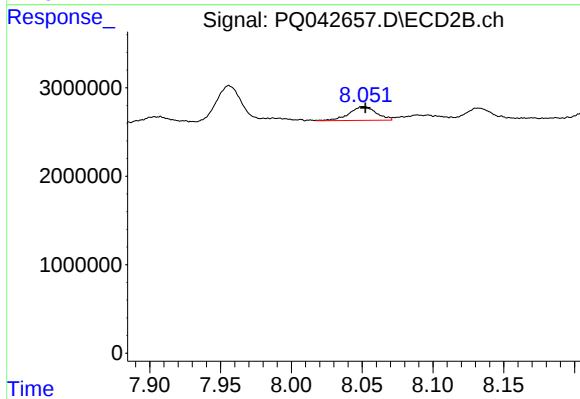
#31 AR-1260-1

R.T.: 7.860 min
Delta R.T.: 0.011 min
Response: 4913544
Conc: 24.08 ng/ml



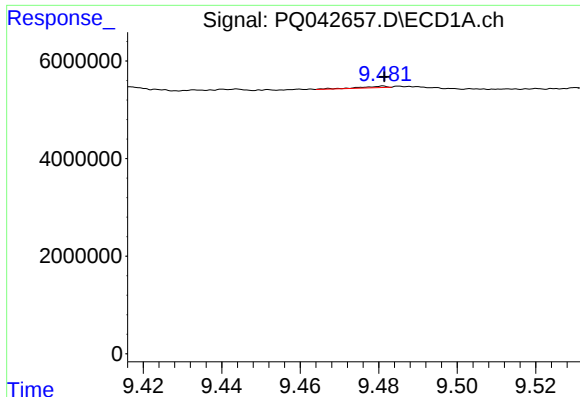
#32 AR-1260-2

R.T.: 9.108 min
Delta R.T.: -0.001 min
Response: 3090686
Conc: 12.86 ng/ml



#32 AR-1260-2

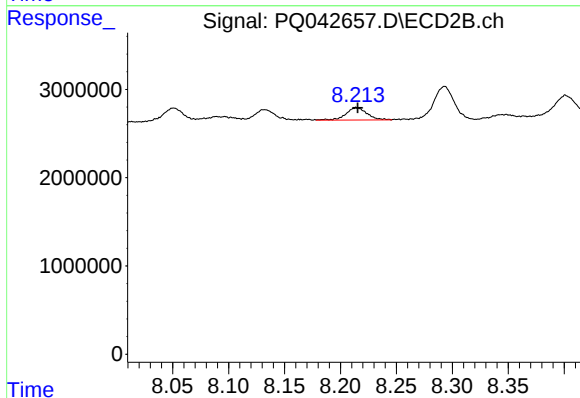
R.T.: 8.051 min
Delta R.T.: -0.001 min
Response: 2064058
Conc: 7.71 ng/ml



#33 AR-1260-3

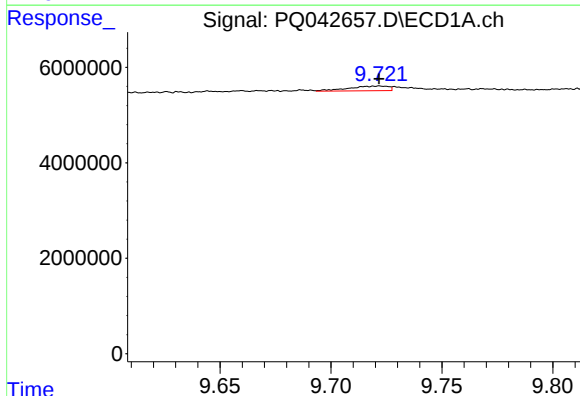
R.T.: 9.481 min
Delta R.T.: 0.000 min
Response: 140671
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



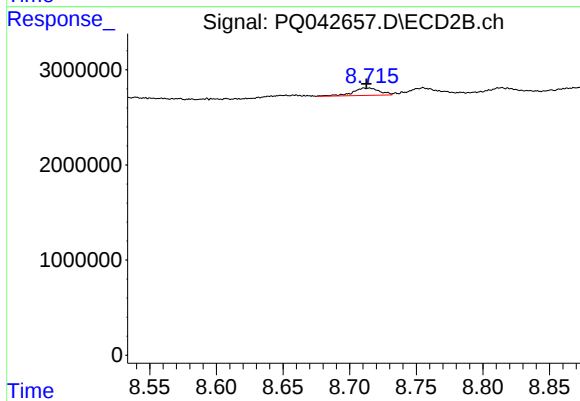
#33 AR-1260-3

R.T.: 8.214 min
Delta R.T.: -0.001 min
Response: 1817079
Conc: 7.62 ng/ml



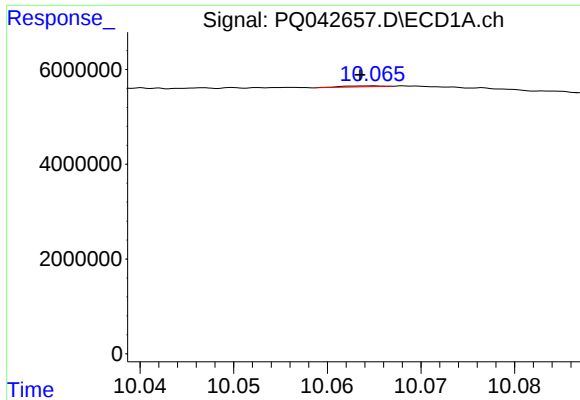
#34 AR-1260-4

R.T.: 9.722 min
Delta R.T.: 0.000 min
Response: 1220017
Conc: 5.02 ng/ml



#34 AR-1260-4

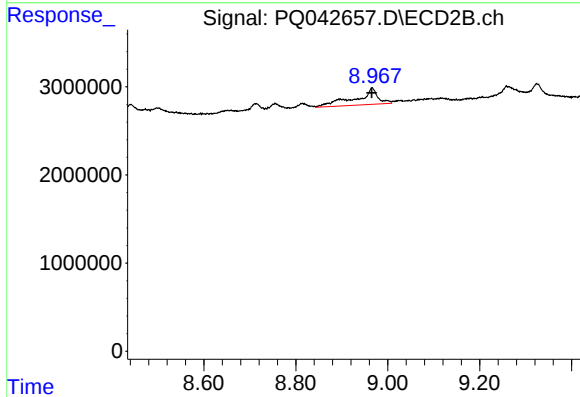
R.T.: 8.714 min
Delta R.T.: 0.001 min
Response: 1083410
Conc: 4.78 ng/ml



#35 AR-1260-5

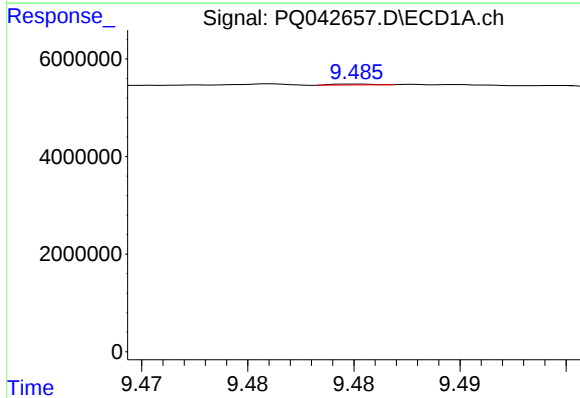
R.T.: 10.065 min
Delta R.T.: 0.001 min
Response: 48154
Conc: 0.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



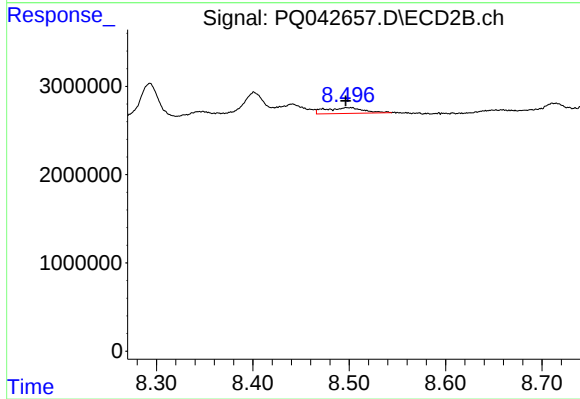
#35 AR-1260-5

R.T.: 8.966 min
Delta R.T.: 0.001 min
Response: 6304538
Conc: 10.12 ng/ml



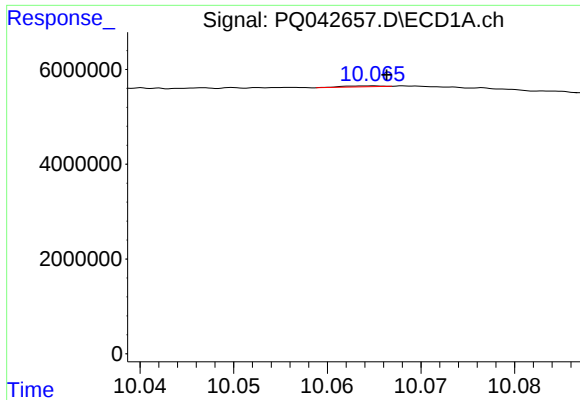
#36 AR-1262-1

R.T.: 9.485 min
Delta R.T.: -0.058 min
Response: 22186
Conc: 0.15 ng/ml



#36 AR-1262-1

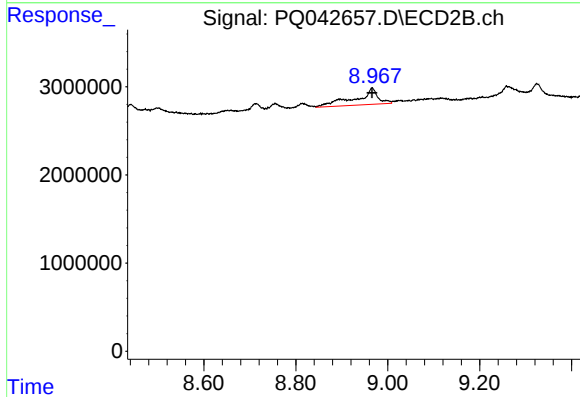
R.T.: 8.502 min
Delta R.T.: 0.005 min
Response: 1806756
Conc: 10.55 ng/ml



#37 AR-1262-2

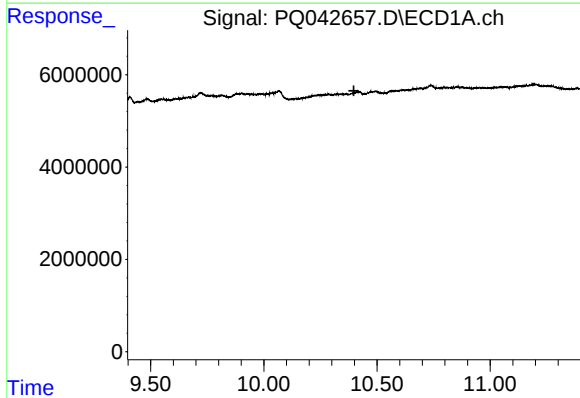
R.T.: 10.065 min
Delta R.T.: -0.001 min
Response: 48154
Conc: 0.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



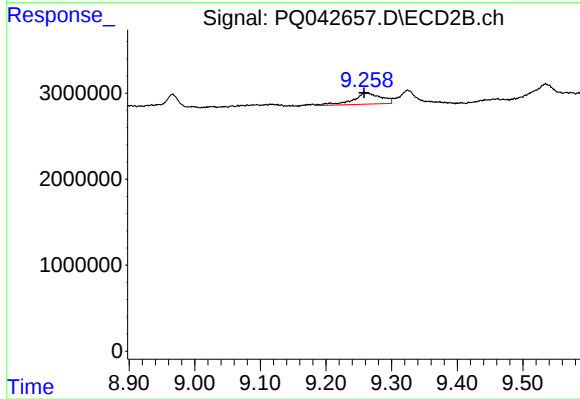
#37 AR-1262-2

R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 6304538
Conc: 7.55 ng/ml



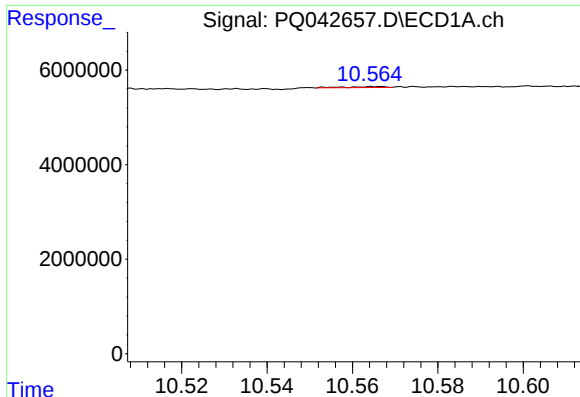
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.398 min
Response: 0
Conc: N.D.



#38 AR-1262-3

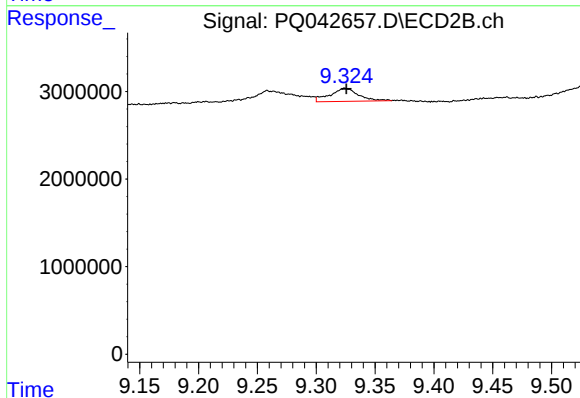
R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 3959208
Conc: 11.14 ng/ml



#39 AR-1262-4

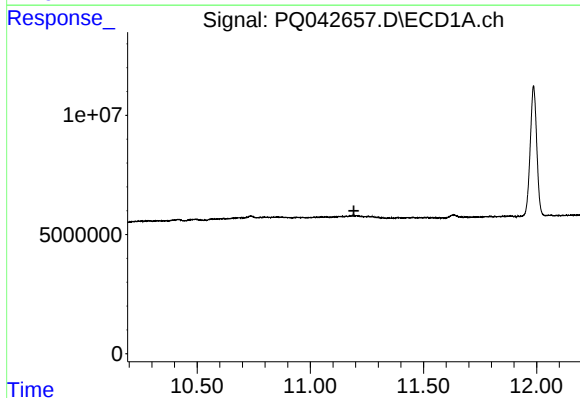
R.T.: 10.564 min
Delta R.T.: 0.067 min
Response: 135115
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



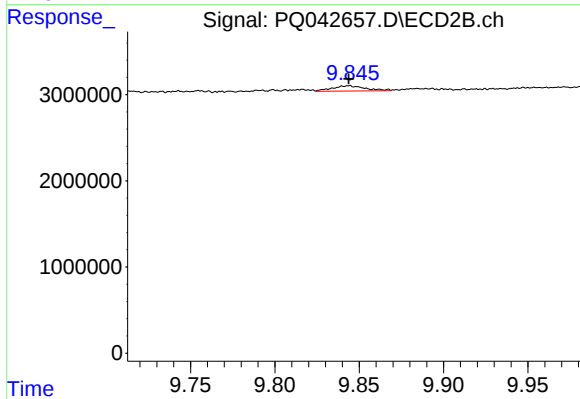
#39 AR-1262-4

R.T.: 9.324 min
Delta R.T.: -0.001 min
Response: 2512455
Conc: 3.90 ng/ml



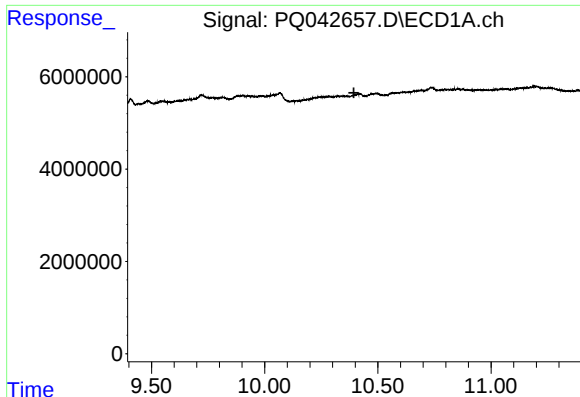
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.193 min
Response: 0
Conc: N.D.



#40 AR-1262-5

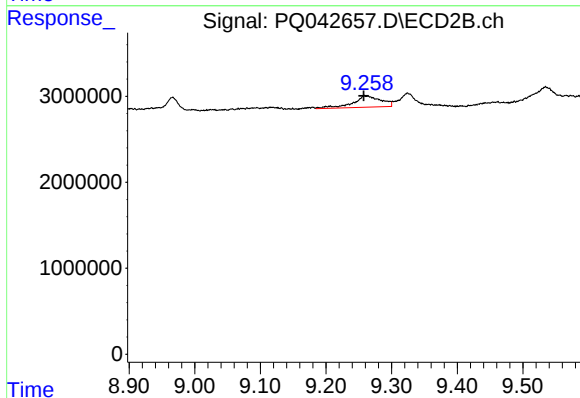
R.T.: 9.844 min
Delta R.T.: 0.000 min
Response: 849039
Conc: 2.68 ng/ml



#41 AR-1268-1

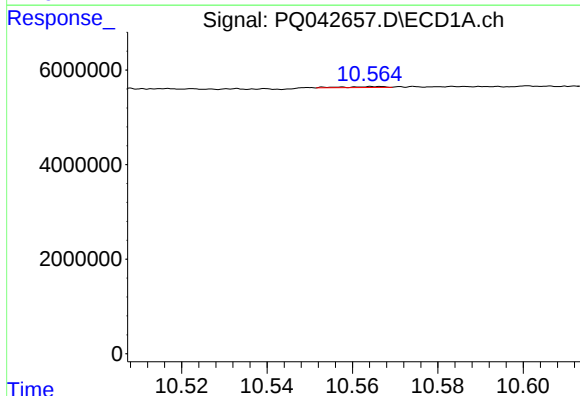
R.T.: 0.000 min
Exp R.T.: 10.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



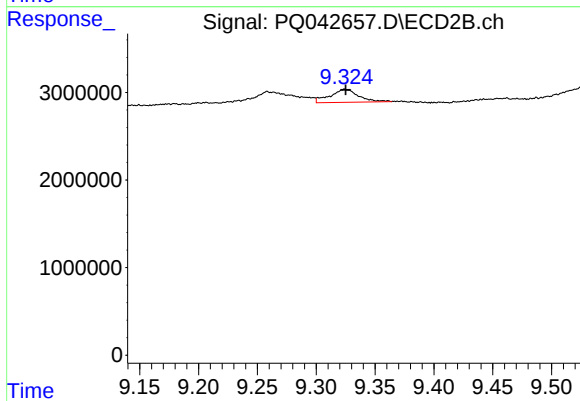
#41 AR-1268-1

R.T.: 9.258 min
Delta R.T.: 0.001 min
Response: 3959208
Conc: 3.94 ng/ml



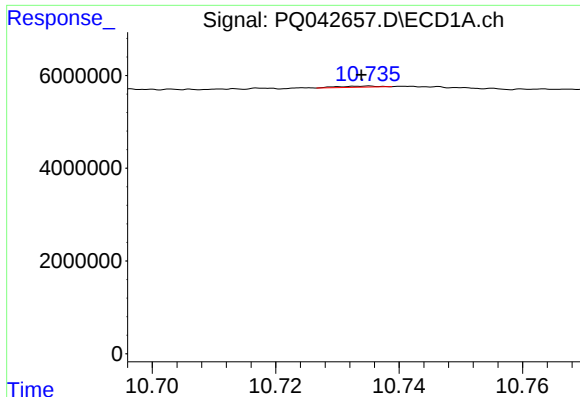
#42 AR-1268-2

R.T.: 10.564 min
Delta R.T.: 0.069 min
Response: 135115
Conc: 0.15 ng/ml



#42 AR-1268-2

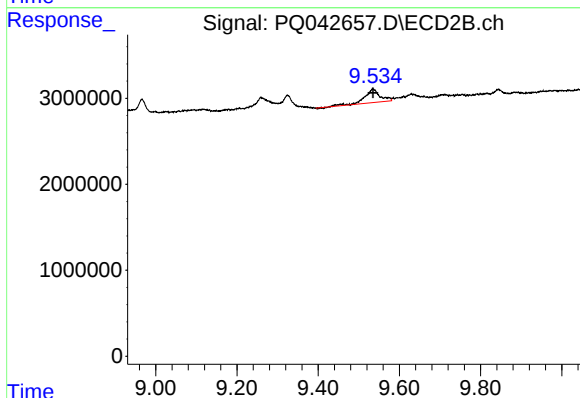
R.T.: 9.324 min
Delta R.T.: 0.000 min
Response: 2512455
Conc: 2.68 ng/ml



#43 AR-1268-3

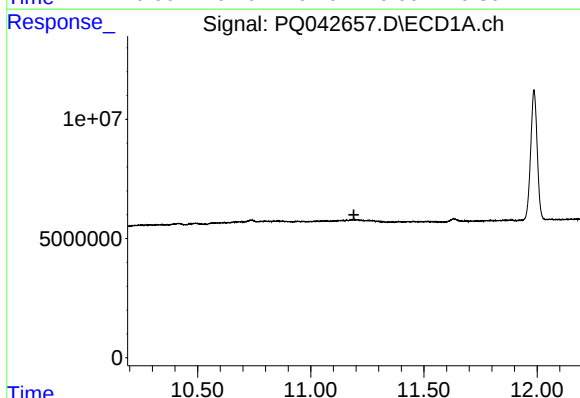
R.T.: 10.735 min
Delta R.T.: 0.001 min
Response: 101624
Conc: 0.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



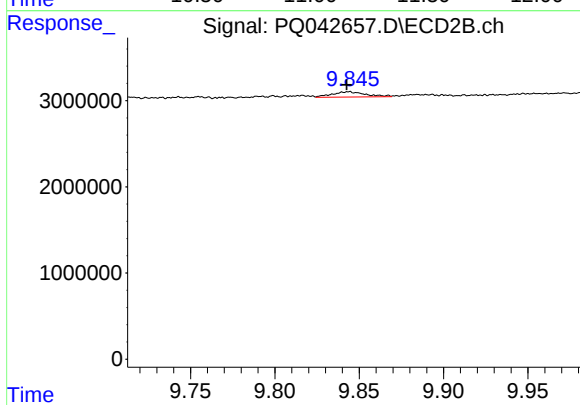
#43 AR-1268-3

R.T.: 9.535 min
Delta R.T.: 0.000 min
Response: 4093154
Conc: 5.14 ng/ml



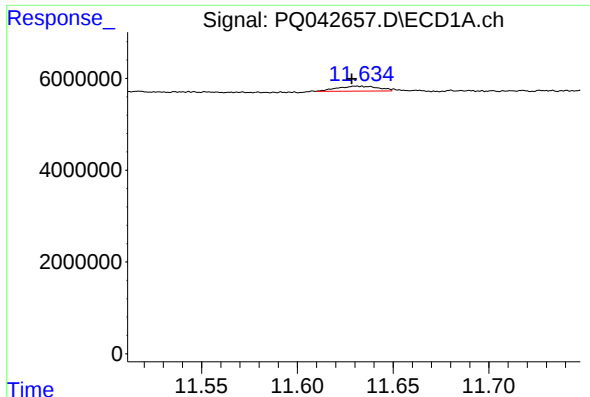
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.191 min
Response: 0
Conc: N.D.



#44 AR-1268-4

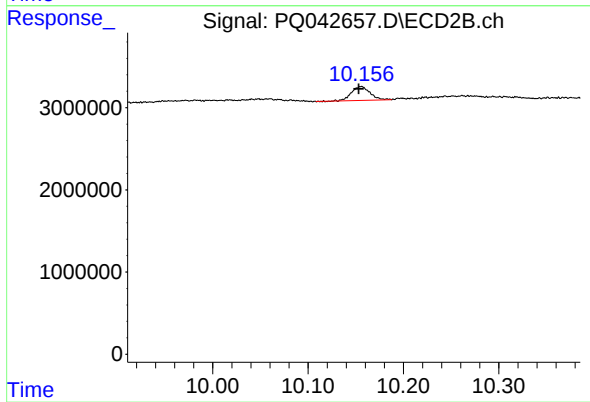
R.T.: 9.844 min
Delta R.T.: 0.001 min
Response: 849039
Conc: 2.48 ng/ml



#45 AR-1268-5

R.T.: 11.632 min
Delta R.T.: 0.003 min
Response: 1588186
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.156 min
Delta R.T.: 0.003 min
Response: 2264262
Conc: 0.88 ng/ml