

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031822\
 Data File : PQ056740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 19:42
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 05:19:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 16 09:32:52 2022
 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...	4.530	3.747	301.0E6	241.4E6	20.066	19.880
2)	SA Decachlor...	10.301	8.684	629.3E6	416.1E6	44.234	42.395
Target Compounds							
3)	L1 AR-1016-1	5.711	4.816	3765391	1986600	11.724	5.229 #
4)	L1 AR-1016-2	5.734	4.836	7331092	1552183	11.038	2.397 #
5)	L1 AR-1016-3	5.792	5.045	4603696	99052324	10.502	334.569 #
6)	L1 AR-1016-4	5.894	5.045	771807	99052324	2.198	405.750 #
7)	L1 AR-1016-5	6.179	5.255	56641730	59782642	199.132	192.383
9)	L2 AR-1221-2	4.841	4.045	3480026	2936061	33.887	33.846
12)	L3 AR-1232-2	5.435	4.836	2577410	1552183	16.302	5.723 #
13)	L3 AR-1232-3	5.734	5.045	7331092	99052324	25.575	828.312 #
14)	L3 AR-1232-4	5.894	5.086	771807	29719390	5.313	269.638 #
15)	L3 AR-1232-5	5.972	5.255	85138201	59782642	947.266	480.374 #
16)	L4 AR-1242-1	5.711	4.816	3765391	1986600	15.260	6.713 #
17)	L4 AR-1242-2	5.734	4.836	7331092	1552183	13.755	3.040 #
18)	L4 AR-1242-3	5.792	5.045	4603696	99052324	12.939	427.641 #
19)	L4 AR-1242-4	5.894	5.086	771807	29719390	2.767	128.157 #
20)	L4 AR-1242-5	6.625	5.602	63021012	260.1E6	216.850	870.941 #
21)	L5 AR-1248-1	5.711	4.816	3765391	1986600	21.693	9.292 #
22)	L5 AR-1248-2	5.972	5.045	85138201	99052324	289.265	311.833
23)	L5 AR-1248-3	6.179	5.086	56641730	29719390	155.962	88.846 #
24)	L5 AR-1248-4	6.588	5.255	86309012	59782642	210.267	150.368 #
25)	L5 AR-1248-5	6.625	5.645	63021012	28576111	133.540	69.965 #
26)	L6 AR-1254-1	6.553	5.602	157.4E6	260.1E6	384.615	387.464
27)	L6 AR-1254-2	6.771	5.746	252.4E6	221.2E6	387.229	386.917
28)	L6 AR-1254-3	7.141	6.144	305.1E6	365.8E6	383.058	386.590
29)	L6 AR-1254-4	7.429	6.372	205.8E6	257.3E6	394.043	383.005
30)	L6 AR-1254-5	7.844	6.782	238.5E6	316.7E6	392.484	388.079
31)	L7 AR-1260-1	7.298	6.271	106.7E6	163.7E6	229.727	290.286 #
32)	L7 AR-1260-2	7.556	6.457	123.5E6	131.5E6	224.386	192.251
33)	L7 AR-1260-3	7.844	6.607	238.5E6	139.2E6	336.589	217.606 #
34)	L7 AR-1260-4	8.139	7.073	95126330	12983456	176.527	24.215 #
35)	L7 AR-1260-5	8.472	7.311	48694248	32838369	41.973	24.726 #
36)	L8 AR-1262-1	7.906	6.782	35017662	316.7E6	49.456	750.703 #
37)	L8 AR-1262-2	8.472	7.311	48694248	32838369	32.829	20.502 #
38)	L8 AR-1262-3	8.810	7.655f	28156962	32263135	40.804	54.125 #
39)	L8 AR-1262-4	8.861	7.655	9653912	32263135	14.263	27.937 #
40)	L8 AR-1262-5	9.552	0.000	2166710	0	3.410	N.D. #
41)	L9 AR-1268-1	8.810	7.655f	28156962	32263135	15.191	17.763
42)	L9 AR-1268-2	8.861	7.655	9653912	32263135	4.824	19.498 #
43)	L9 AR-1268-3	9.106	0.000	2204053	0	1.257	N.D. #
44)	L9 AR-1268-4	9.552	0.000	2166710	0	3.093	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 16 09:32:52 2022
 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
45) L9	AR-1268-5	9.969	8.436	3714063	2375965	0.611	0.547

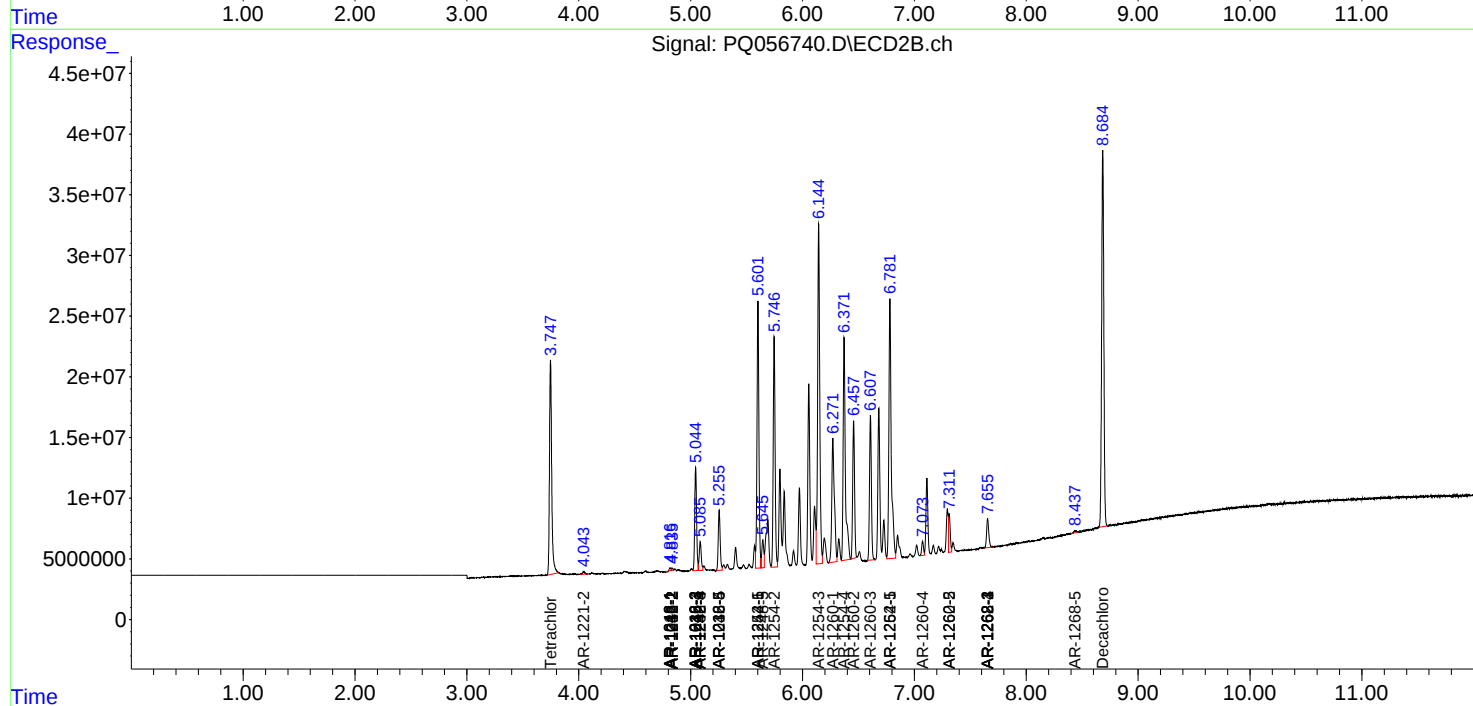
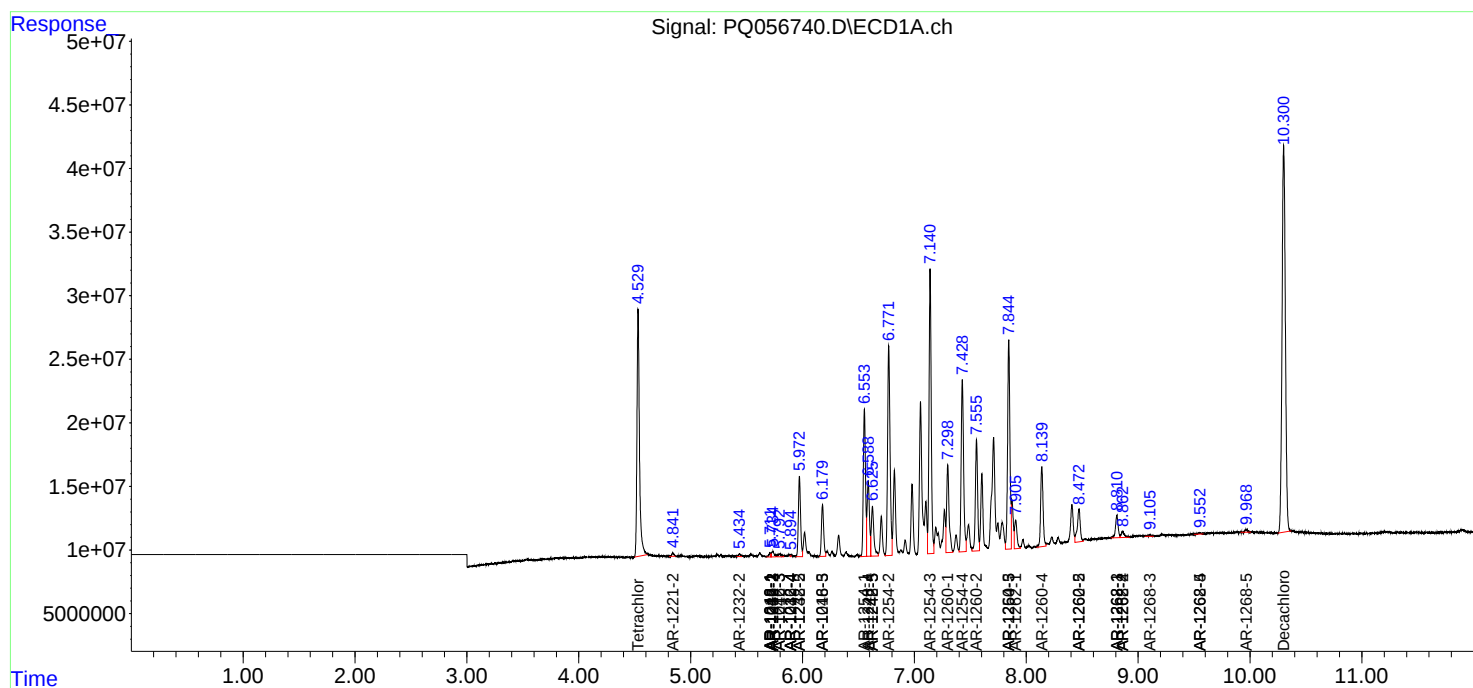
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

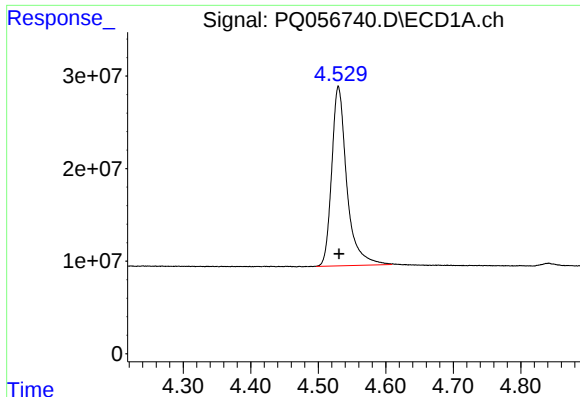
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031822\
Data File : PQ056740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 19:42
Operator : YP\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

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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

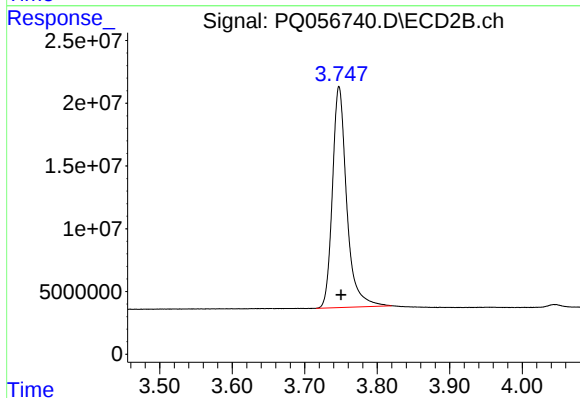




#1 Tetrachloro-m-xylene

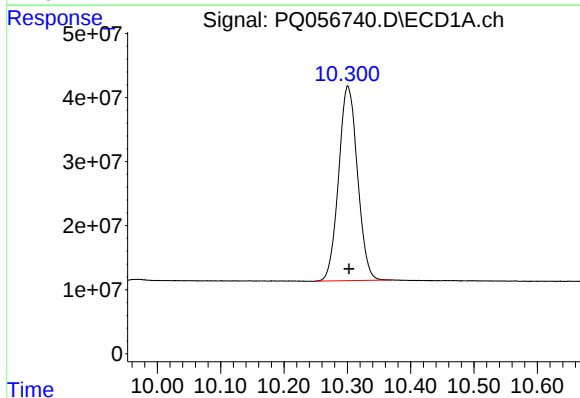
R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 300982570
Conc: 20.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



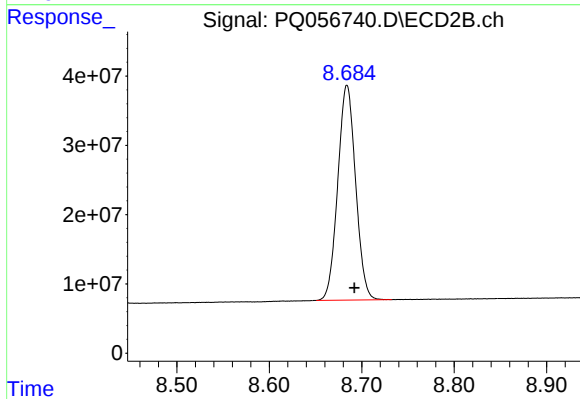
#1 Tetrachloro-m-xylene

R.T.: 3.747 min
Delta R.T.: -0.002 min
Response: 241357150
Conc: 19.88 ng/ml



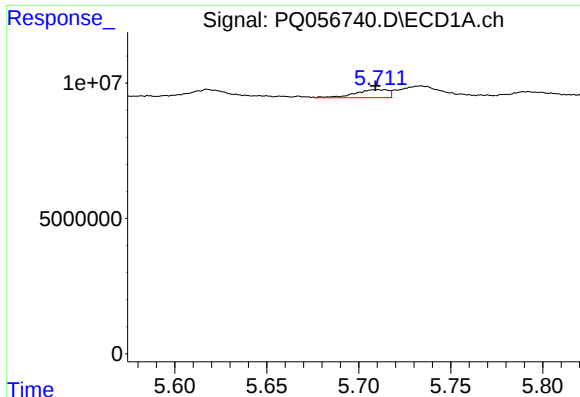
#2 Decachlorobiphenyl

R.T.: 10.301 min
Delta R.T.: -0.002 min
Response: 629303338
Conc: 44.23 ng/ml



#2 Decachlorobiphenyl

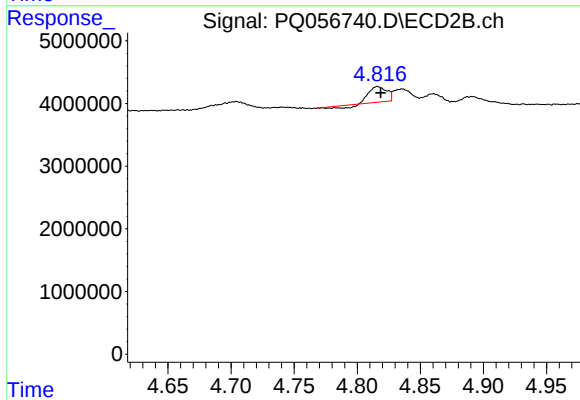
R.T.: 8.684 min
Delta R.T.: -0.008 min
Response: 416097168
Conc: 42.40 ng/ml



#3 AR-1016-1

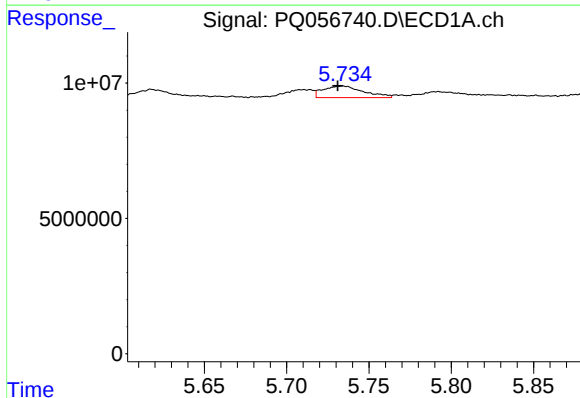
R.T.: 5.711 min
Delta R.T.: 0.002 min
Response: 3765391
Conc: 11.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



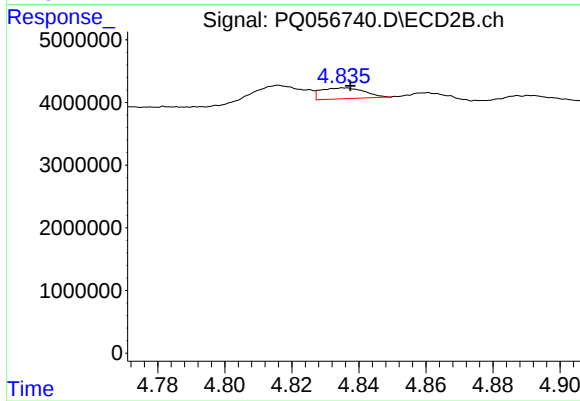
#3 AR-1016-1

R.T.: 4.816 min
Delta R.T.: -0.002 min
Response: 1986600
Conc: 5.23 ng/ml



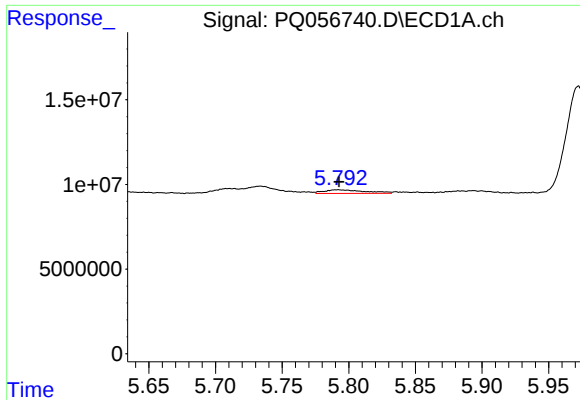
#4 AR-1016-2

R.T.: 5.734 min
Delta R.T.: 0.003 min
Response: 7331092
Conc: 11.04 ng/ml



#4 AR-1016-2

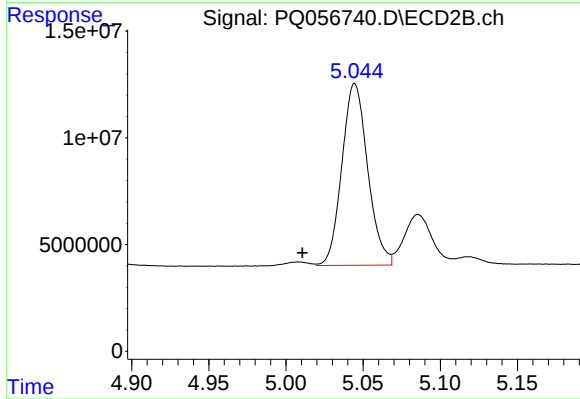
R.T.: 4.836 min
Delta R.T.: -0.002 min
Response: 1552183
Conc: 2.40 ng/ml



#5 AR-1016-3

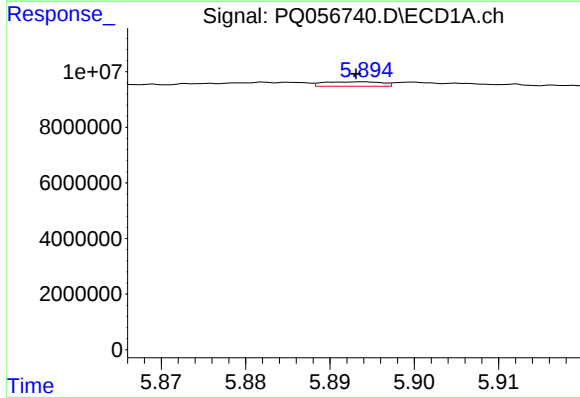
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 4603696
Conc: 10.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



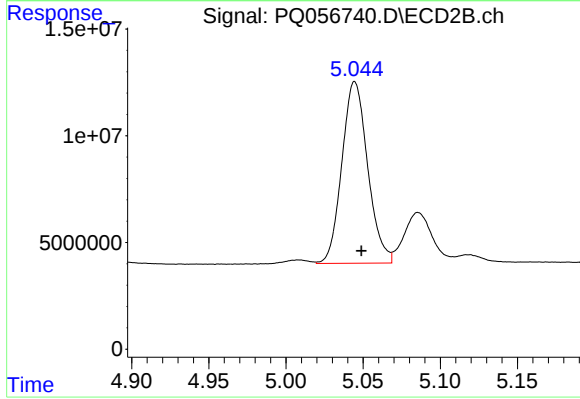
#5 AR-1016-3

R.T.: 5.045 min
Delta R.T.: 0.034 min
Response: 99052324
Conc: 334.57 ng/ml



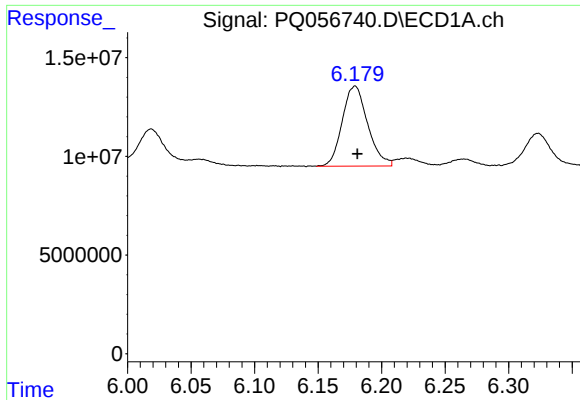
#6 AR-1016-4

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 771807
Conc: 2.20 ng/ml



#6 AR-1016-4

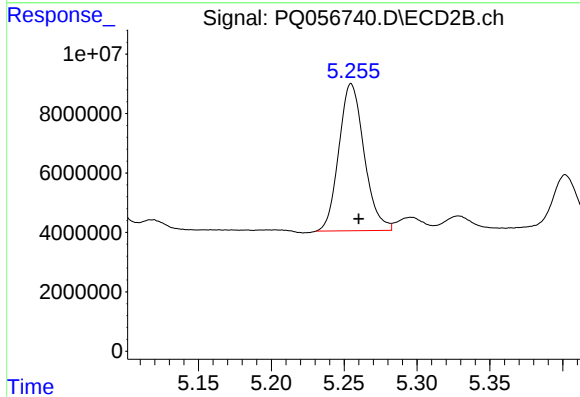
R.T.: 5.045 min
Delta R.T.: -0.004 min
Response: 99052324
Conc: 405.75 ng/ml



#7 AR-1016-5

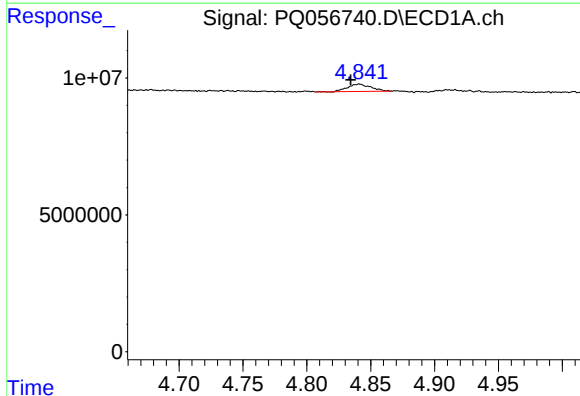
R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 56641730
Conc: 199.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



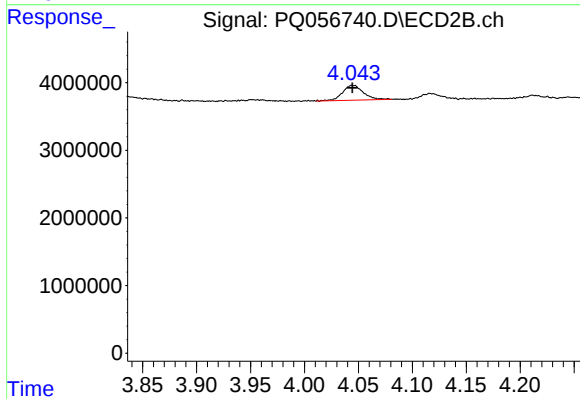
#7 AR-1016-5

R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 59782642
Conc: 192.38 ng/ml



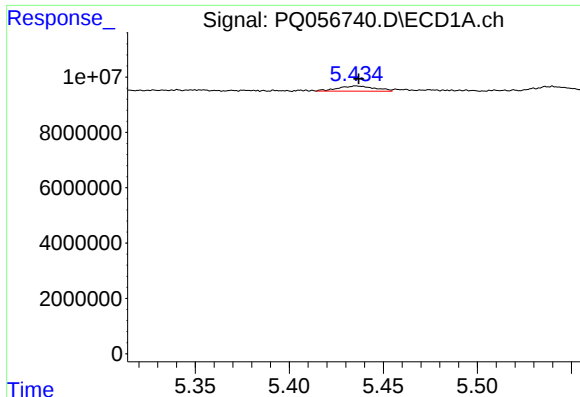
#9 AR-1221-2

R.T.: 4.841 min
Delta R.T.: 0.007 min
Response: 3480026
Conc: 33.89 ng/ml



#9 AR-1221-2

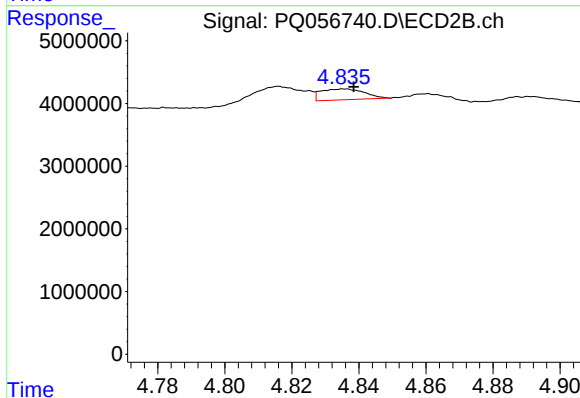
R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 2936061
Conc: 33.85 ng/ml



#12 AR-1232-2

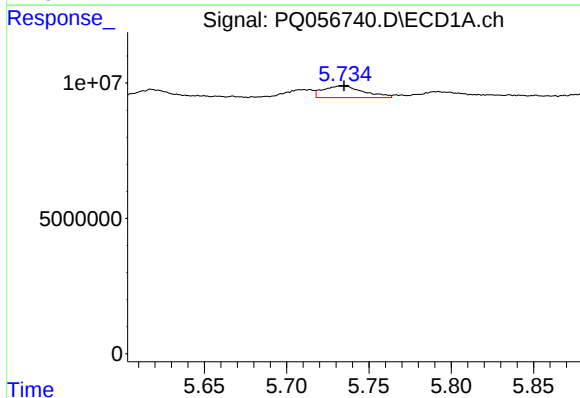
R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 2577410
Conc: 16.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



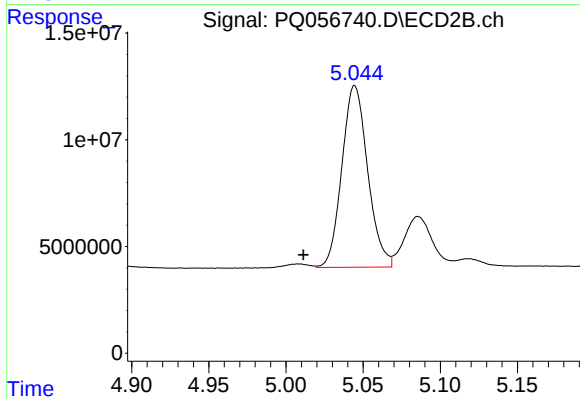
#12 AR-1232-2

R.T.: 4.836 min
Delta R.T.: -0.003 min
Response: 1552183
Conc: 5.72 ng/ml



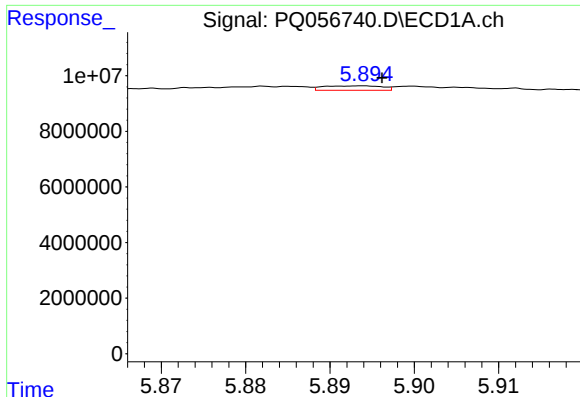
#13 AR-1232-3

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 7331092
Conc: 25.57 ng/ml



#13 AR-1232-3

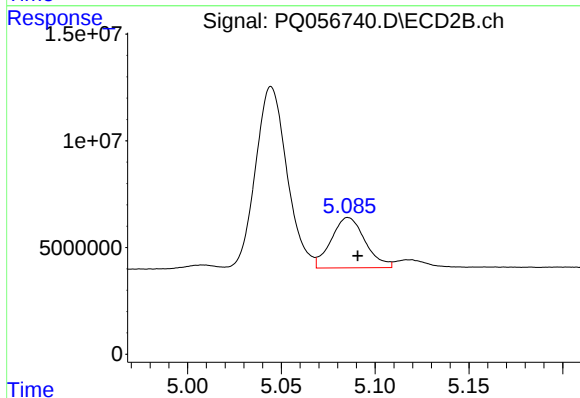
R.T.: 5.045 min
Delta R.T.: 0.033 min
Response: 99052324
Conc: 828.31 ng/ml



#14 AR-1232-4

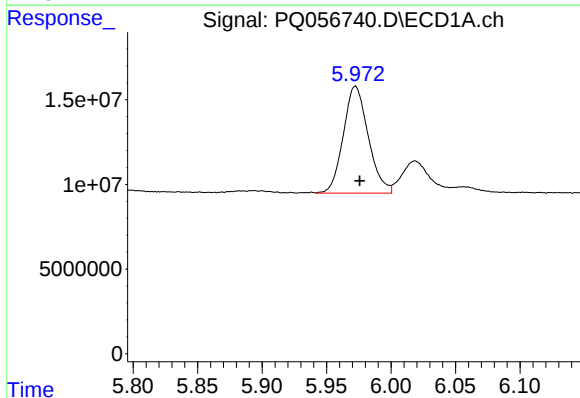
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 771807
Conc: 5.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



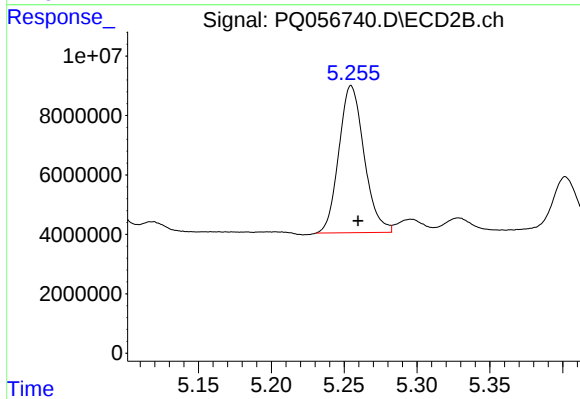
#14 AR-1232-4

R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 29719390
Conc: 269.64 ng/ml



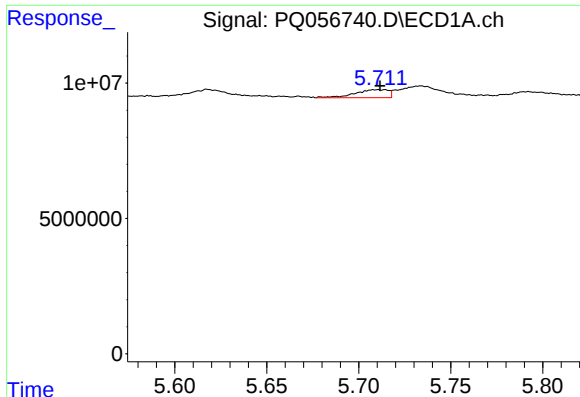
#15 AR-1232-5

R.T.: 5.972 min
Delta R.T.: -0.003 min
Response: 85138201
Conc: 947.27 ng/ml



#15 AR-1232-5

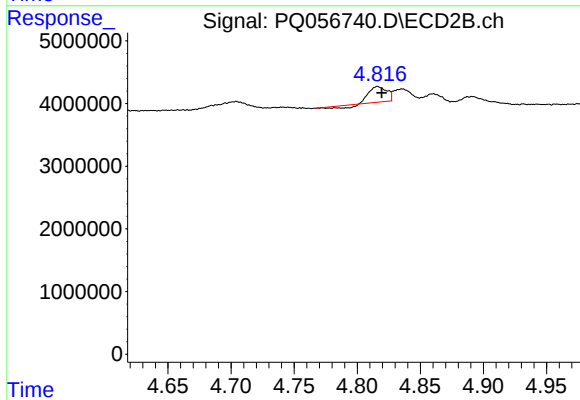
R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 59782642
Conc: 480.37 ng/ml



#16 AR-1242-1

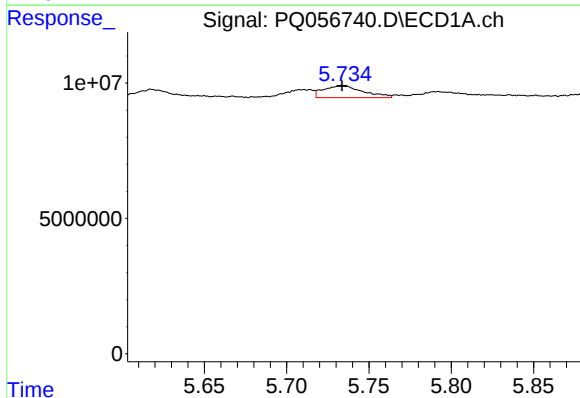
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 3765391
Conc: 15.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



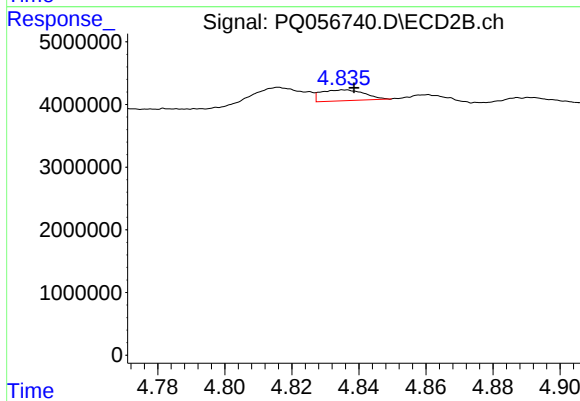
#16 AR-1242-1

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 1986600
Conc: 6.71 ng/ml



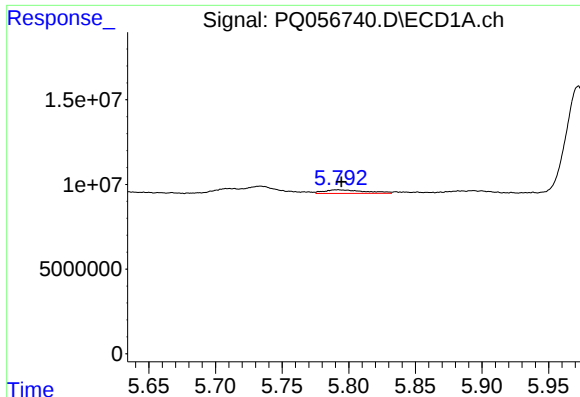
#17 AR-1242-2

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 7331092
Conc: 13.75 ng/ml



#17 AR-1242-2

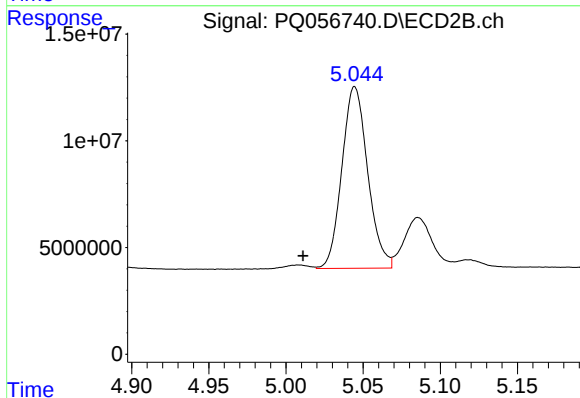
R.T.: 4.836 min
Delta R.T.: -0.003 min
Response: 1552183
Conc: 3.04 ng/ml



#18 AR-1242-3

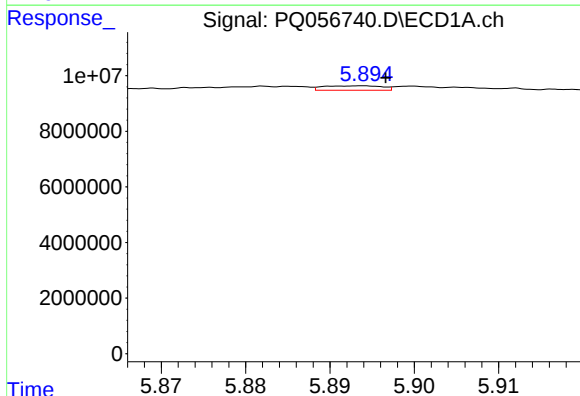
R.T.: 5.792 min
Delta R.T.: -0.002 min
Response: 4603696
Conc: 12.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



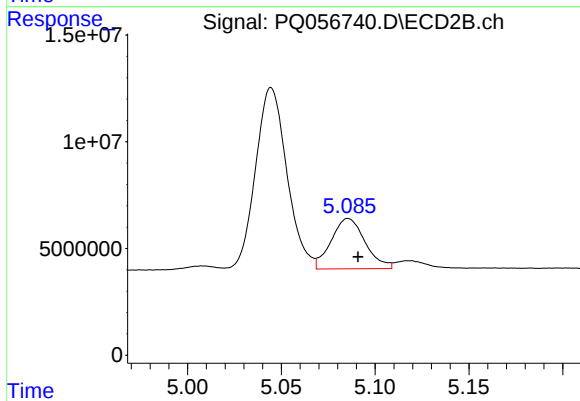
#18 AR-1242-3

R.T.: 5.045 min
Delta R.T.: 0.034 min
Response: 99052324
Conc: 427.64 ng/ml



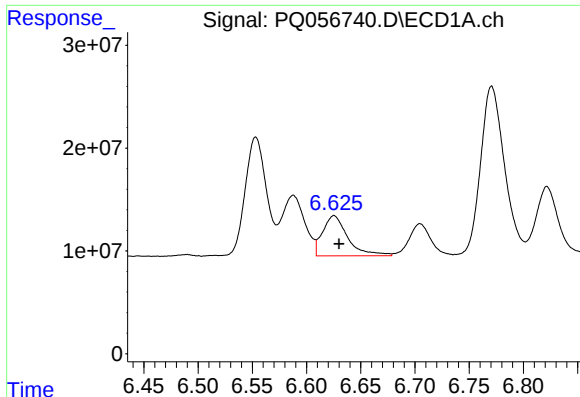
#19 AR-1242-4

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 771807
Conc: 2.77 ng/ml



#19 AR-1242-4

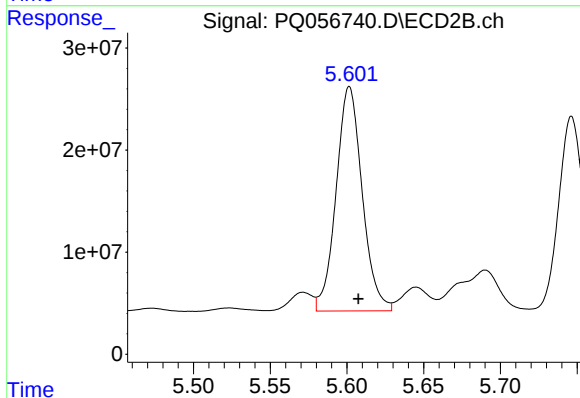
R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 29719390
Conc: 128.16 ng/ml



#20 AR-1242-5

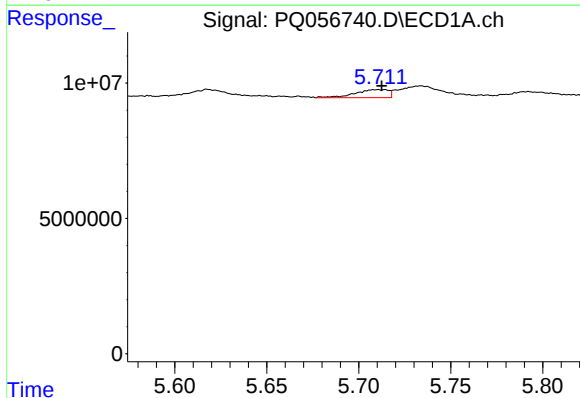
R.T.: 6.625 min
Delta R.T.: -0.005 min
Response: 63021012
Conc: 216.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



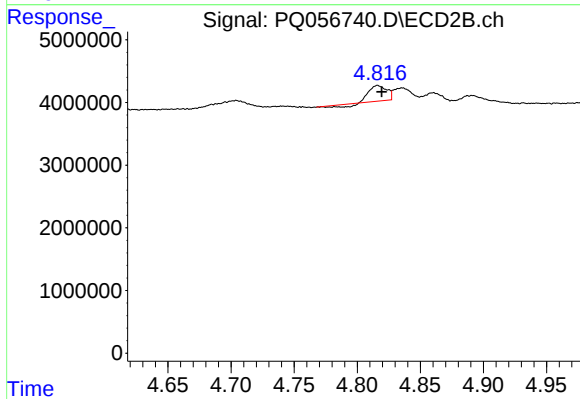
#20 AR-1242-5

R.T.: 5.602 min
Delta R.T.: -0.006 min
Response: 260113933
Conc: 870.94 ng/ml



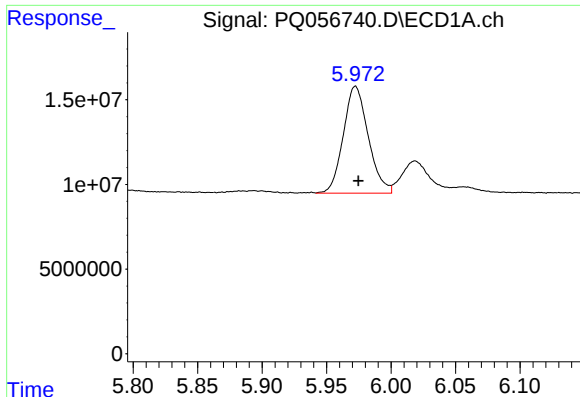
#21 AR-1248-1

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 3765391
Conc: 21.69 ng/ml



#21 AR-1248-1

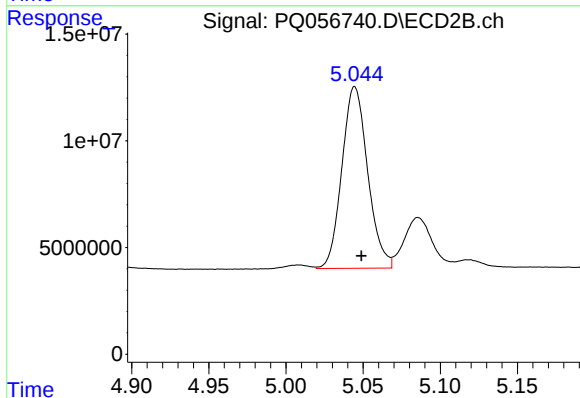
R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 1986600
Conc: 9.29 ng/ml



#22 AR-1248-2

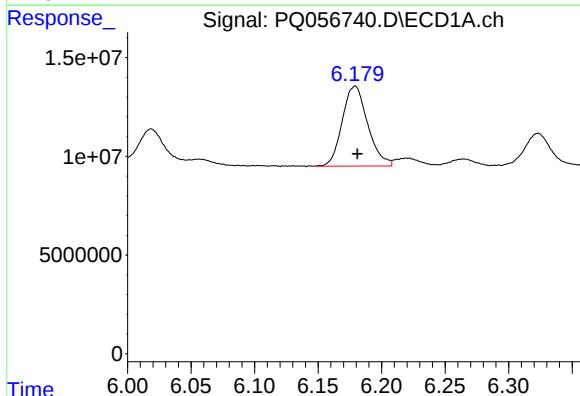
R.T.: 5.972 min
Delta R.T.: -0.002 min
Response: 85138201
Conc: 289.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



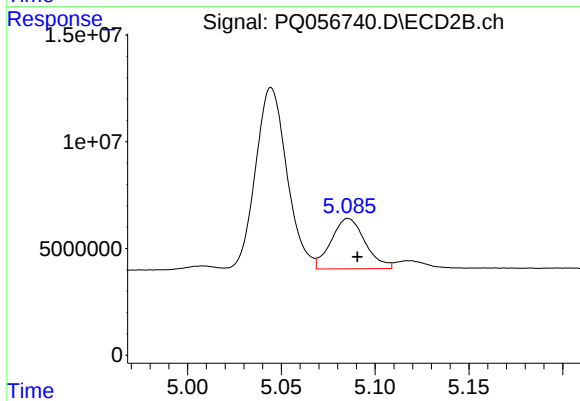
#22 AR-1248-2

R.T.: 5.045 min
Delta R.T.: -0.004 min
Response: 99052324
Conc: 311.83 ng/ml



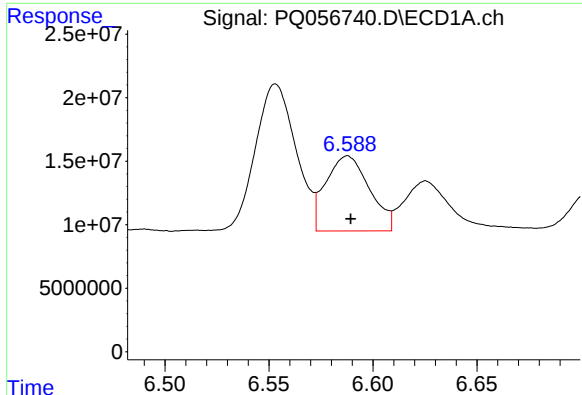
#23 AR-1248-3

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 56641730
Conc: 155.96 ng/ml



#23 AR-1248-3

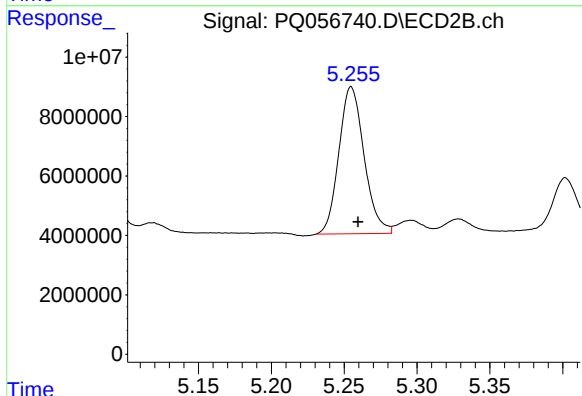
R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 29719390
Conc: 88.85 ng/ml



#24 AR-1248-4

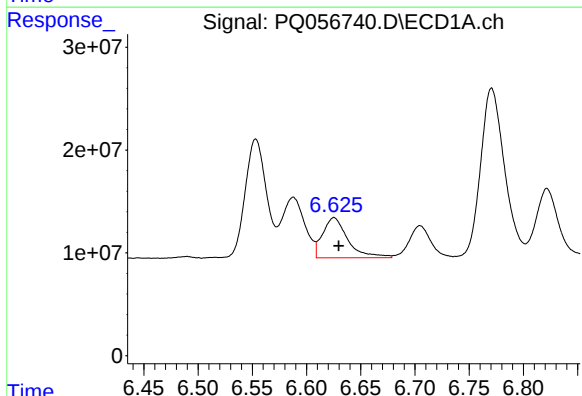
R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 86309012
Conc: 210.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



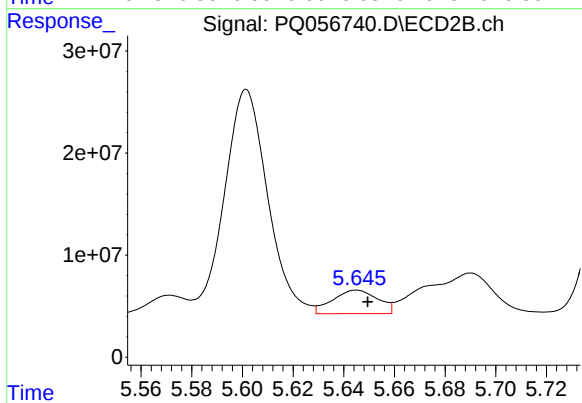
#24 AR-1248-4

R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 59782642
Conc: 150.37 ng/ml



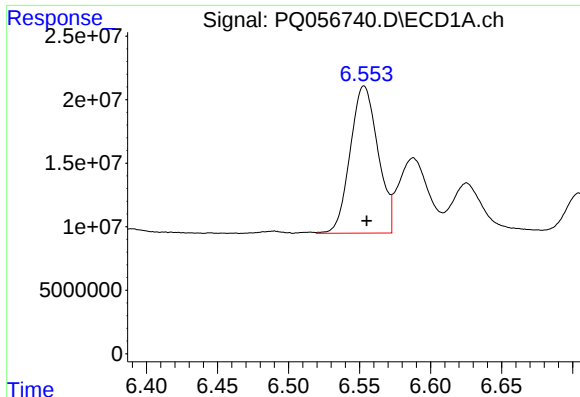
#25 AR-1248-5

R.T.: 6.625 min
Delta R.T.: -0.004 min
Response: 63021012
Conc: 133.54 ng/ml



#25 AR-1248-5

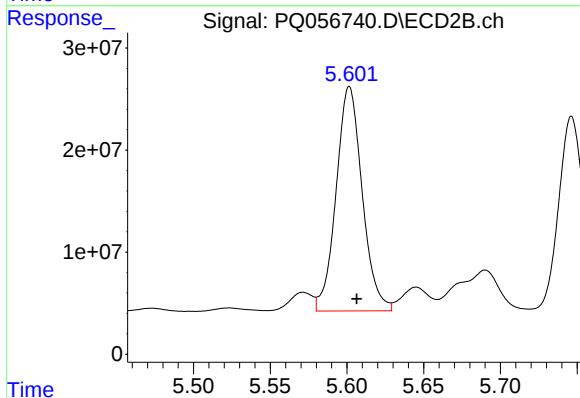
R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 28576111
Conc: 69.97 ng/ml



#26 AR-1254-1

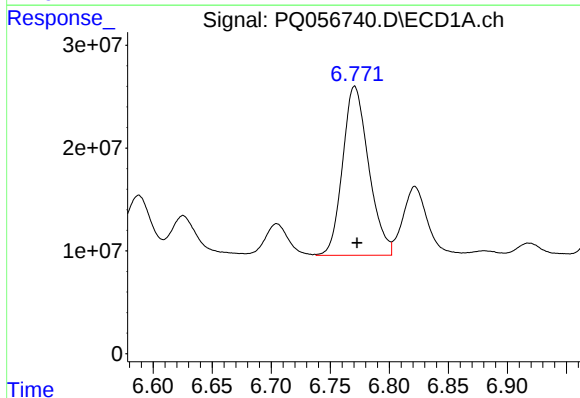
R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 157405681
Conc: 384.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



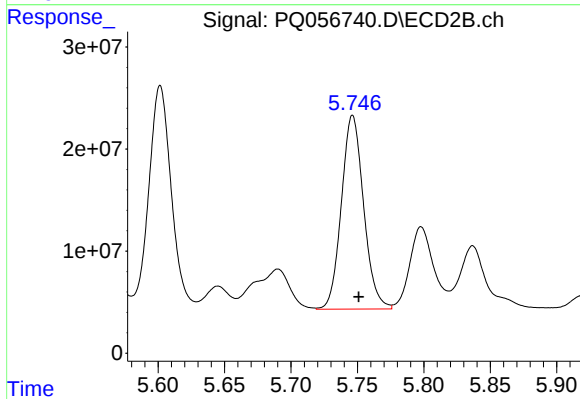
#26 AR-1254-1

R.T.: 5.602 min
Delta R.T.: -0.005 min
Response: 260113933
Conc: 387.46 ng/ml



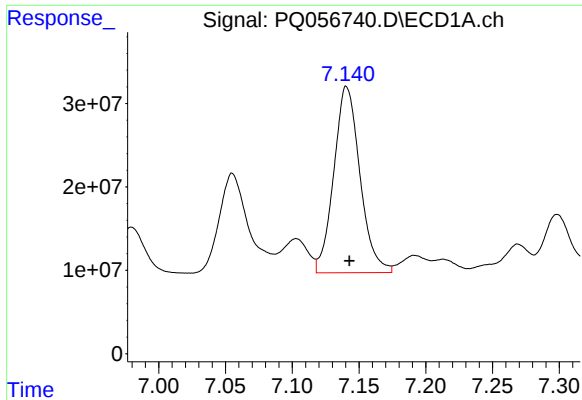
#27 AR-1254-2

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 252385334
Conc: 387.23 ng/ml



#27 AR-1254-2

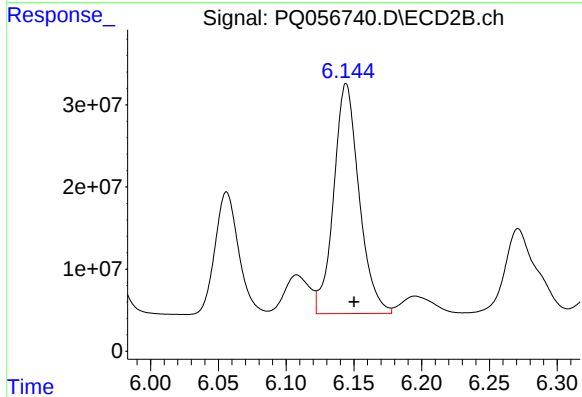
R.T.: 5.746 min
Delta R.T.: -0.005 min
Response: 221224107
Conc: 386.92 ng/ml



#28 AR-1254-3

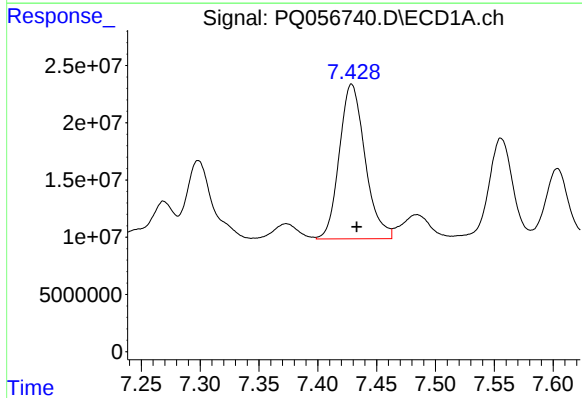
R.T.: 7.141 min
Delta R.T.: -0.002 min
Response: 305080726
Conc: 383.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



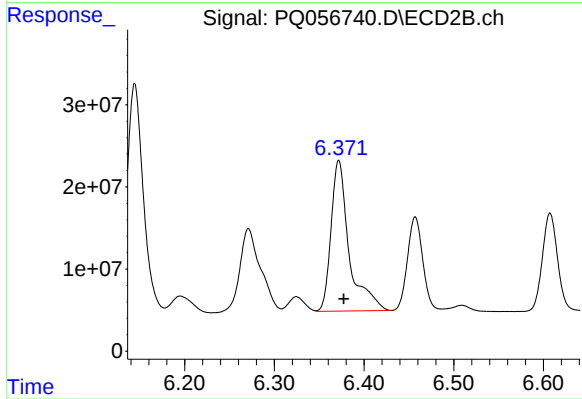
#28 AR-1254-3

R.T.: 6.144 min
Delta R.T.: -0.006 min
Response: 365845327
Conc: 386.59 ng/ml



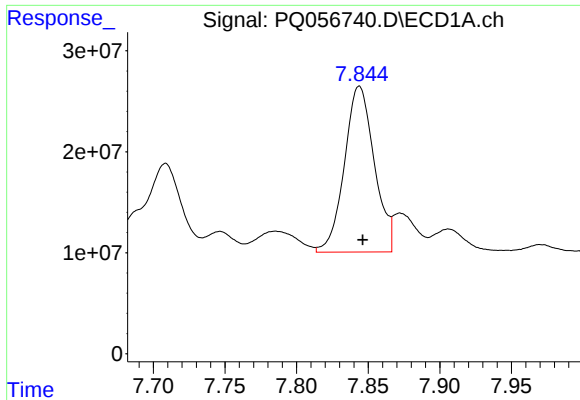
#29 AR-1254-4

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 205783085
Conc: 394.04 ng/ml



#29 AR-1254-4

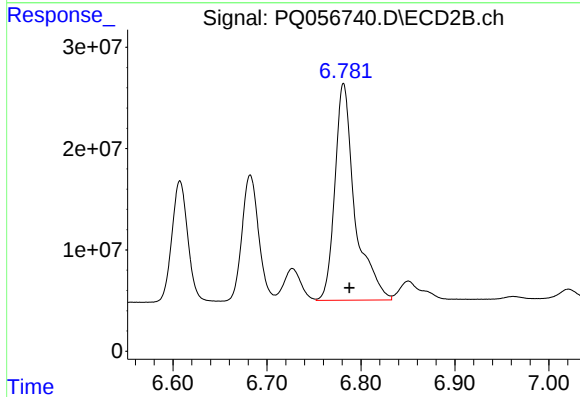
R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 257309146
Conc: 383.01 ng/ml



#30 AR-1254-5

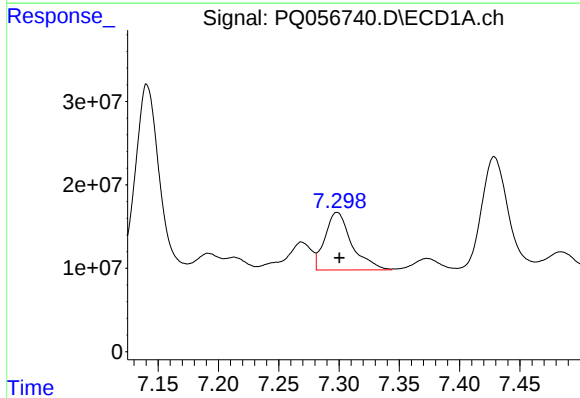
R.T.: 7.844 min
Delta R.T.: -0.002 min
Response: 238519675
Conc: 392.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



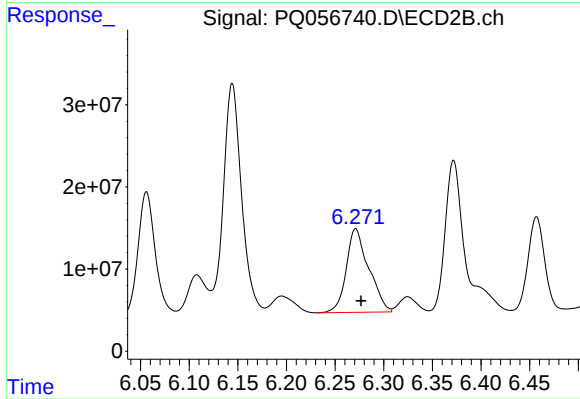
#30 AR-1254-5

R.T.: 6.782 min
Delta R.T.: -0.006 min
Response: 316655762
Conc: 388.08 ng/ml



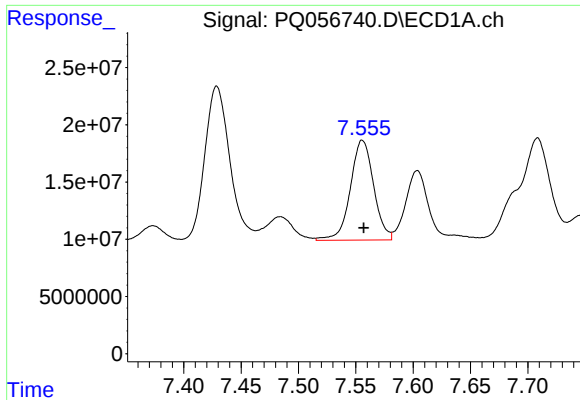
#31 AR-1260-1

R.T.: 7.298 min
Delta R.T.: -0.002 min
Response: 106680794
Conc: 229.73 ng/ml



#31 AR-1260-1

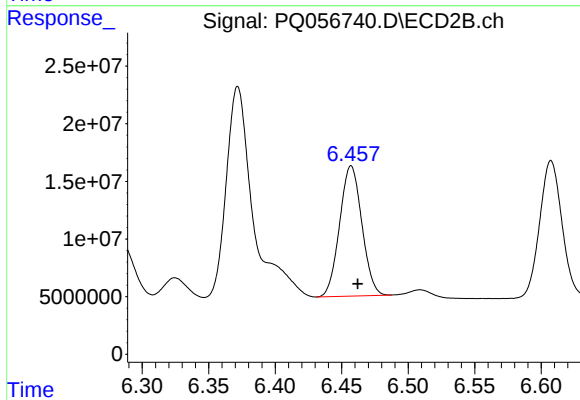
R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 163687516
Conc: 290.29 ng/ml



#32 AR-1260-2

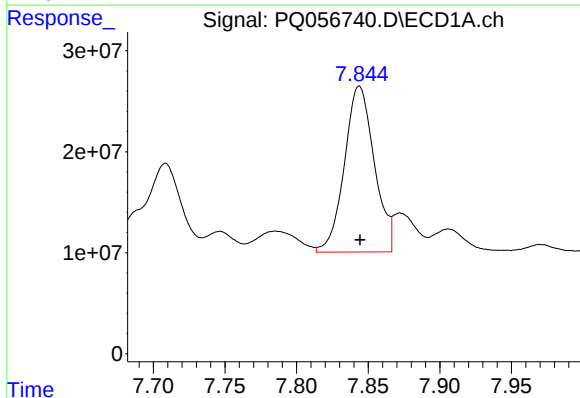
R.T.: 7.556 min
Delta R.T.: -0.001 min
Response: 123454734
Conc: 224.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



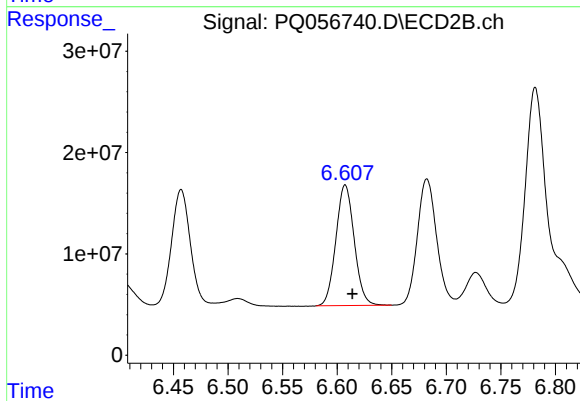
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 131484650
Conc: 192.25 ng/ml



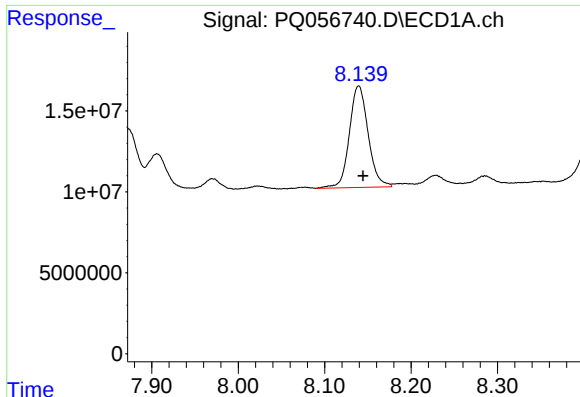
#33 AR-1260-3

R.T.: 7.844 min
Delta R.T.: 0.000 min
Response: 238519675
Conc: 336.59 ng/ml



#33 AR-1260-3

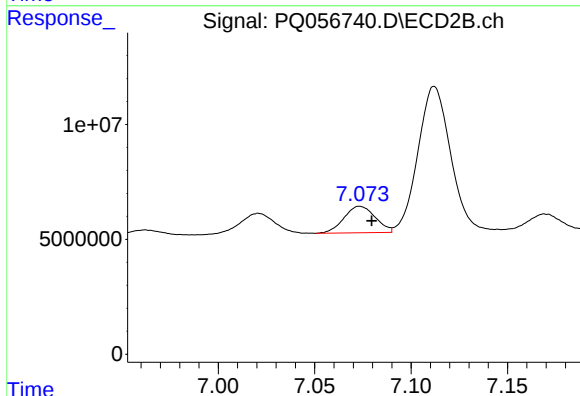
R.T.: 6.607 min
Delta R.T.: -0.006 min
Response: 139210855
Conc: 217.61 ng/ml



#34 AR-1260-4

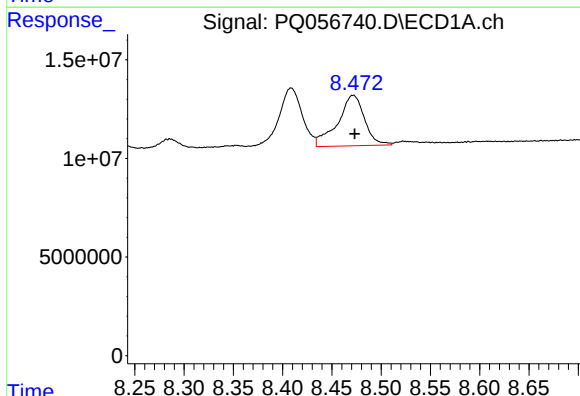
R.T.: 8.139 min
Delta R.T.: -0.005 min
Response: 95126330
Conc: 176.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



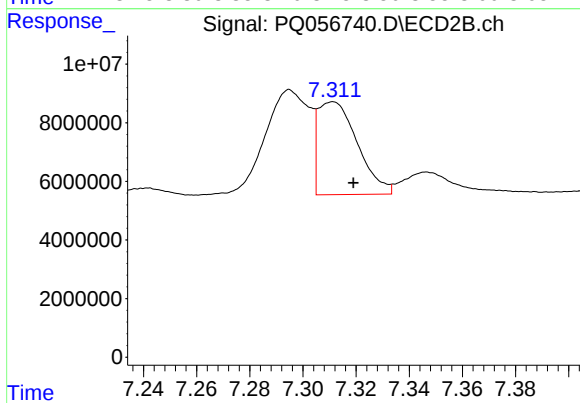
#34 AR-1260-4

R.T.: 7.073 min
Delta R.T.: -0.006 min
Response: 12983456
Conc: 24.22 ng/ml



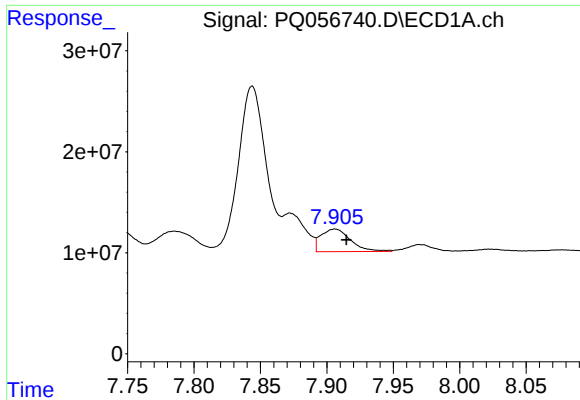
#35 AR-1260-5

R.T.: 8.472 min
Delta R.T.: -0.002 min
Response: 48694248
Conc: 41.97 ng/ml



#35 AR-1260-5

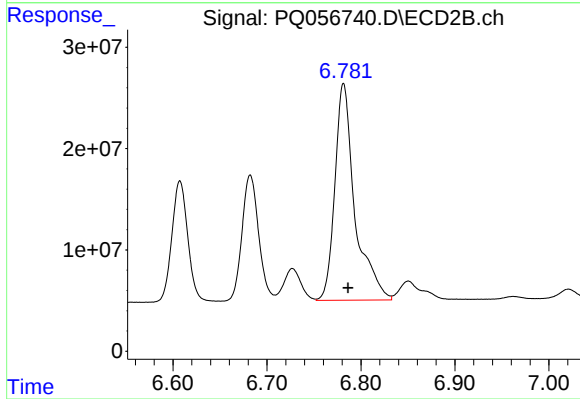
R.T.: 7.311 min
Delta R.T.: -0.008 min
Response: 32838369
Conc: 24.73 ng/ml



#36 AR-1262-1

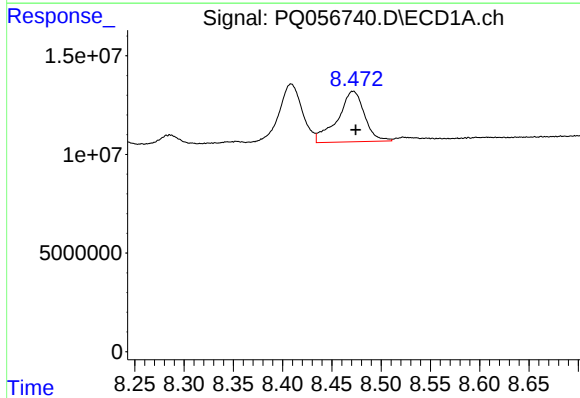
R.T.: 7.906 min
Delta R.T.: -0.009 min
Response: 35017662
Conc: 49.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



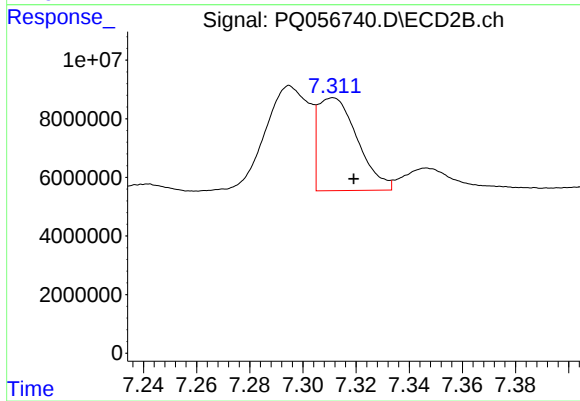
#36 AR-1262-1

R.T.: 6.782 min
Delta R.T.: -0.005 min
Response: 316655762
Conc: 750.70 ng/ml



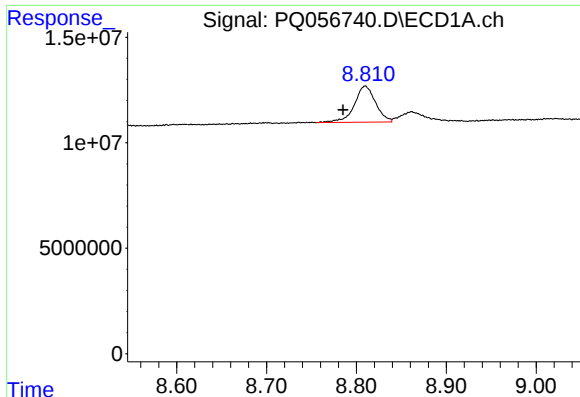
#37 AR-1262-2

R.T.: 8.472 min
Delta R.T.: -0.003 min
Response: 48694248
Conc: 32.83 ng/ml



#37 AR-1262-2

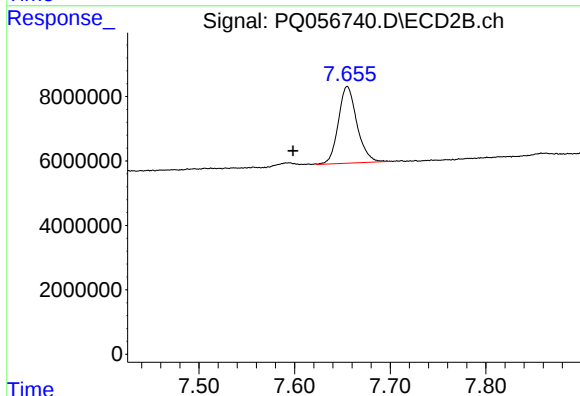
R.T.: 7.311 min
Delta R.T.: -0.008 min
Response: 32838369
Conc: 20.50 ng/ml



#38 AR-1262-3

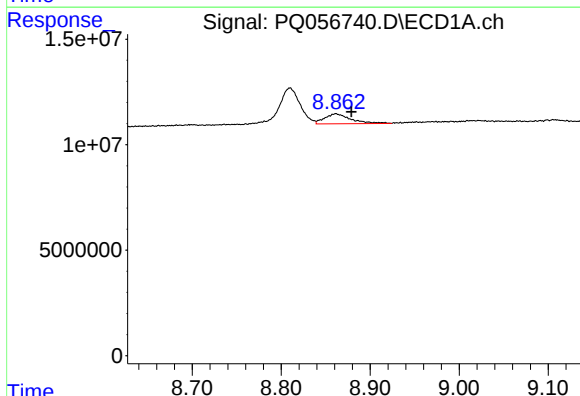
R.T.: 8.810 min
Delta R.T.: 0.025 min
Response: 28156962
Conc: 40.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



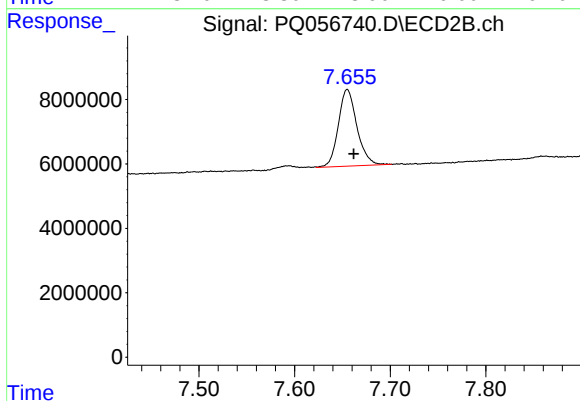
#38 AR-1262-3

R.T.: 7.655 min
Delta R.T.: 0.057 min
Response: 32263135
Conc: 54.13 ng/ml



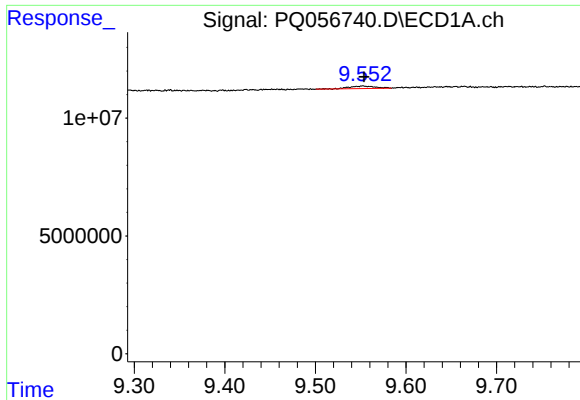
#39 AR-1262-4

R.T.: 8.861 min
Delta R.T.: -0.018 min
Response: 9653912
Conc: 14.26 ng/ml



#39 AR-1262-4

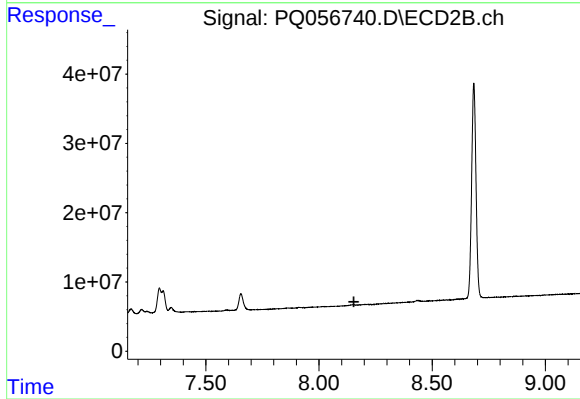
R.T.: 7.655 min
Delta R.T.: -0.007 min
Response: 32263135
Conc: 27.94 ng/ml



#40 AR-1262-5

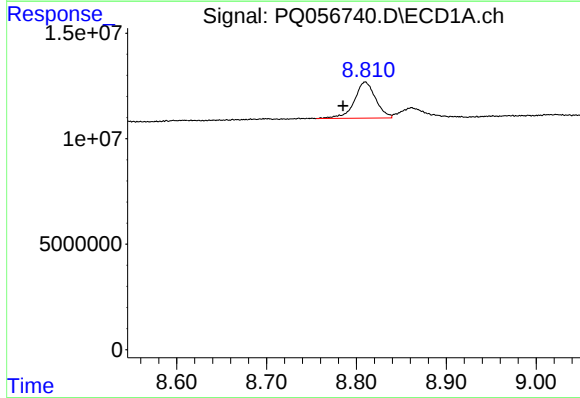
R.T.: 9.552 min
Delta R.T.: -0.001 min
Response: 2166710
Conc: 3.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



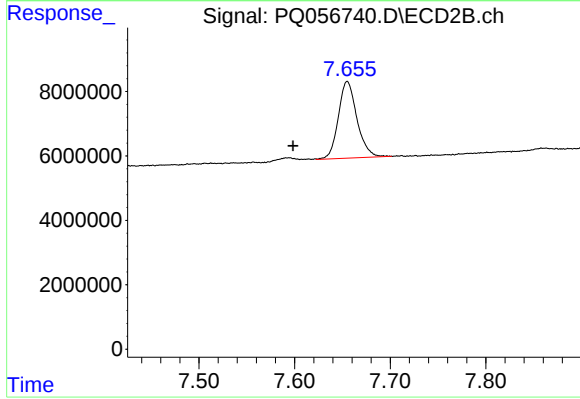
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.154 min
Response: 0
Conc: N.D.



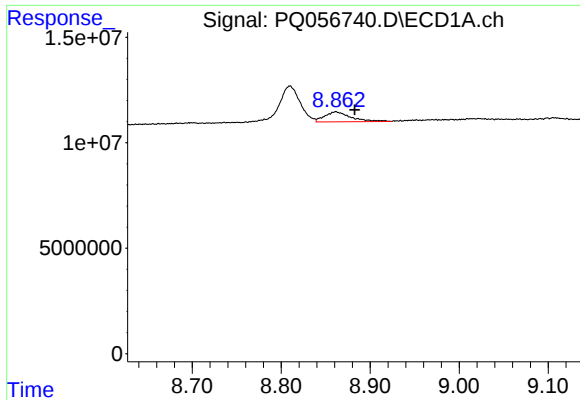
#41 AR-1268-1

R.T.: 8.810 min
Delta R.T.: 0.025 min
Response: 28156962
Conc: 15.19 ng/ml



#41 AR-1268-1

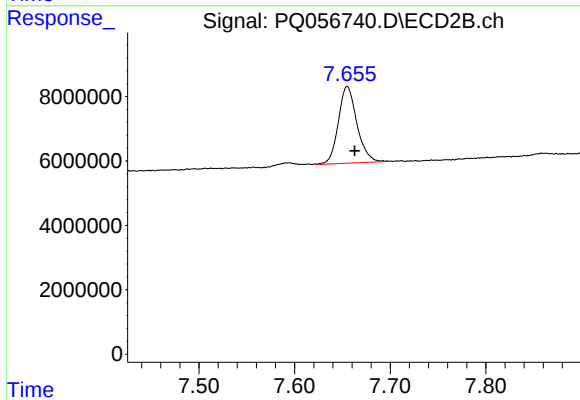
R.T.: 7.655 min
Delta R.T.: 0.057 min
Response: 32263135
Conc: 17.76 ng/ml



#42 AR-1268-2

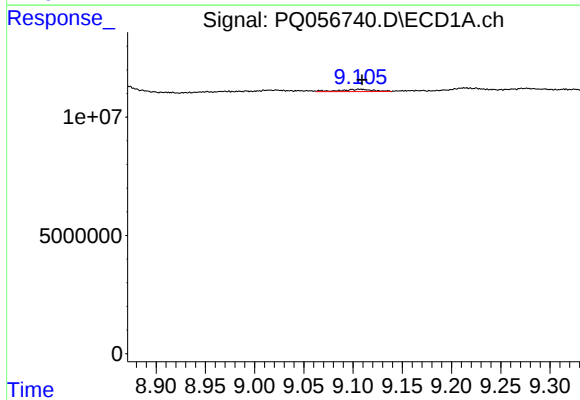
R.T.: 8.861 min
Delta R.T.: -0.021 min
Response: 9653912
Conc: 4.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



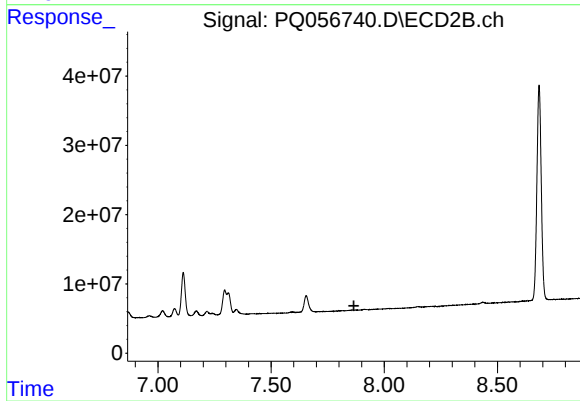
#42 AR-1268-2

R.T.: 7.655 min
Delta R.T.: -0.008 min
Response: 32263135
Conc: 19.50 ng/ml



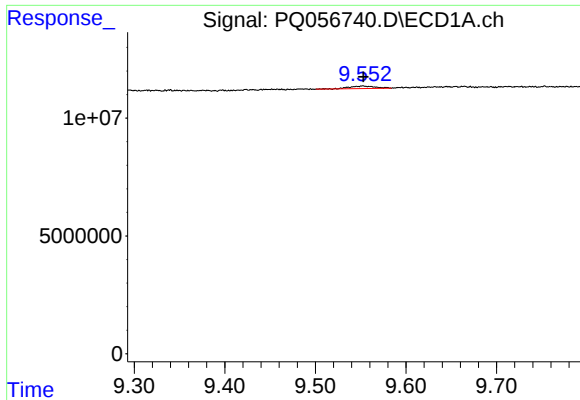
#43 AR-1268-3

R.T.: 9.106 min
Delta R.T.: -0.003 min
Response: 2204053
Conc: 1.26 ng/ml



#43 AR-1268-3

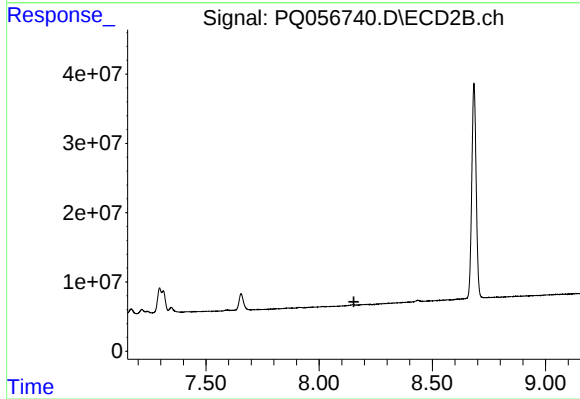
R.T.: 0.000 min
Exp R.T.: 7.866 min
Response: 0
Conc: N.D.



#44 AR-1268-4

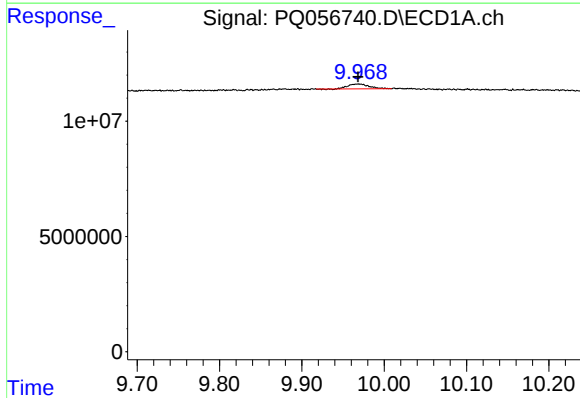
R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 2166710
Conc: 3.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



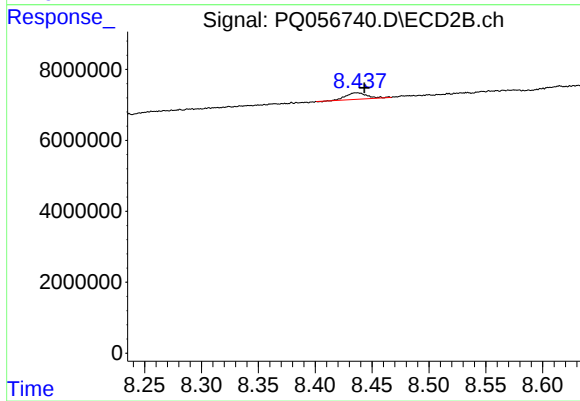
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.153 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.969 min
Delta R.T.: 0.000 min
Response: 3714063
Conc: 0.61 ng/ml



#45 AR-1268-5

R.T.: 8.436 min
Delta R.T.: -0.007 min
Response: 2375965
Conc: 0.55 ng/ml