

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031722\
 Data File : PQ056694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2022 23:53
 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 18 05:50:38 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	3.748	317.1E6	254.5E6	21.139	20.960
2)	SA Decachlor...	10.303	8.686	657.8E6	430.7E6	46.237	43.883
Target Compounds							
3)	L1 AR-1016-1	5.709	4.817	3200785	4253640	9.966	11.196
4)	L1 AR-1016-2	5.733	4.835	6881862	3283923	10.361	5.072 #
5)	L1 AR-1016-3	5.793	5.008	2771686	1611541	6.323	5.443
6)	L1 AR-1016-4	5.891	5.045	2945618	103.5E6	8.388	423.917 #
7)	L1 AR-1016-5	6.179	5.256	60081517	62505266	211.225	201.145
9)	L2 AR-1221-2	4.844	4.045	4534375	3022082	44.153	34.837
10)	L2 AR-1221-3	4.844f	0.000	4534375	0	12.687	N.D. #
11)	L3 AR-1232-1	4.844f	0.000	4534375	0	15.814	N.D. #
12)	L3 AR-1232-2	5.437	4.835	2527744	3283923	15.988	12.108
13)	L3 AR-1232-3	5.733	5.008	6881862	1611541	24.008	13.476 #
14)	L3 AR-1232-4	5.891	5.086	2945618	30743542	20.276	278.930 #
15)	L3 AR-1232-5	5.973	5.256	89057482	62505266	990.873	502.251 #
16)	L4 AR-1242-1	5.709	4.817	3200785	4253640	12.972	14.373
17)	L4 AR-1242-2	5.733	4.835	6881862	3283923	12.912	6.432 #
18)	L4 AR-1242-3	5.793	5.008	2771686	1611541	7.790	6.958
19)	L4 AR-1242-4	5.891	5.086	2945618	30743542	10.560	132.574 #
20)	L4 AR-1242-5	6.627	5.602	65075645	272.1E6	223.919	911.236 #
21)	L5 AR-1248-1	5.709	4.817	3200785	4253640	18.440	19.895
22)	L5 AR-1248-2	5.973	5.045	89057482	103.5E6	302.581	325.794
23)	L5 AR-1248-3	6.179	5.086	60081517	30743542	165.434	91.907 #
24)	L5 AR-1248-4	6.587	5.256	88517560	62505266	215.648	157.216 #
25)	L5 AR-1248-5	6.627	5.646	65075645	29861020	137.894	73.111 #
26)	L6 AR-1254-1	6.554	5.602	165.3E6	272.1E6	404.008	405.391
27)	L6 AR-1254-2	6.771	5.746	262.9E6	231.3E6	403.323	404.522
28)	L6 AR-1254-3	7.142	6.145	318.4E6	382.5E6	399.719	404.177
29)	L6 AR-1254-4	7.430	6.373	213.1E6	269.9E6	408.005	401.759
30)	L6 AR-1254-5	7.845	6.782	249.1E6	328.3E6	409.958	402.295
31)	L7 AR-1260-1	7.299	6.272	110.7E6	170.9E6	238.330	303.030 #
32)	L7 AR-1260-2	7.557	6.457	126.1E6	136.4E6	229.220	199.388
33)	L7 AR-1260-3	7.845	6.608	249.1E6	144.7E6	351.574	226.113 #
34)	L7 AR-1260-4	8.140	7.074	98388803	13617672	182.581	25.398 #
35)	L7 AR-1260-5	8.473	7.311	50070812	32526507	43.159	24.491 #
36)	L8 AR-1262-1	7.906	6.782	35205594	328.3E6	49.721	778.202 #
37)	L8 AR-1262-2	8.473	7.311	50070812	32526507	33.757	20.308 #
38)	L8 AR-1262-3	8.811	7.655f	29295222	34439420	42.454	57.776 #
39)	L8 AR-1262-4	8.862	7.655	10092989	34439420	14.911	29.822 #
40)	L8 AR-1262-5	9.551	0.000	2581342	0	4.063	N.D. #
41)	L9 AR-1268-1	8.811	7.655f	29295222	34439420	15.806	18.961
42)	L9 AR-1268-2	8.862	7.655	10092989	34439420	5.044	20.813 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031722\
 Data File : PQ056694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2022 23:53
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

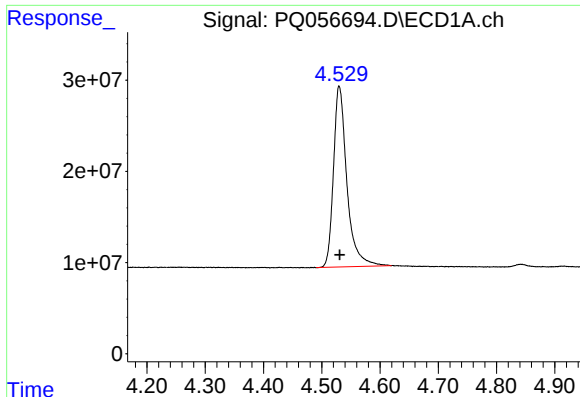
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 05:50:38 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
43) L9	AR-1268-3	9.113	0.000	1394632	0	0.795	N.D. #
44) L9	AR-1268-4	9.551	0.000	2581342	0	3.685	N.D. #
45) L9	AR-1268-5	9.970	8.437	3953458	2421678	0.650	0.557

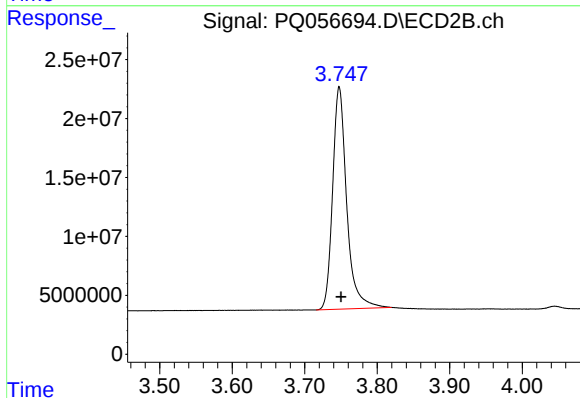
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

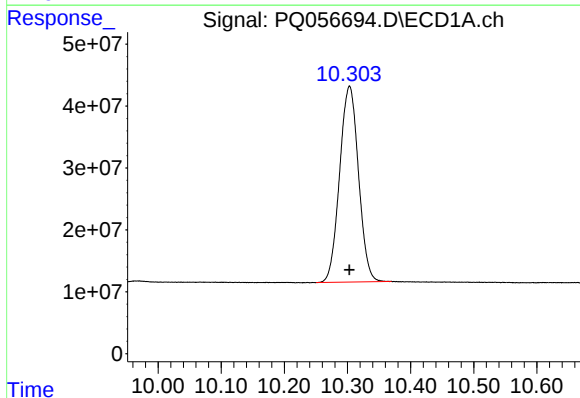
R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 317091230
Conc: 21.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



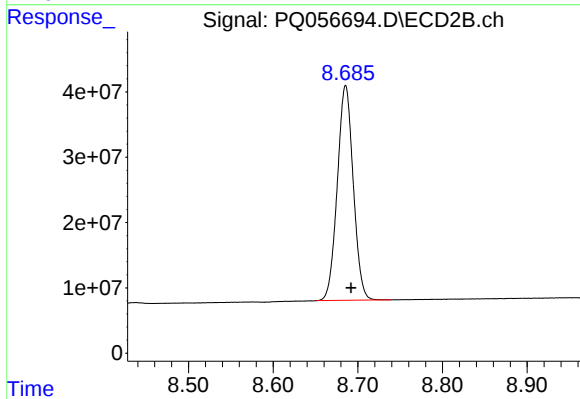
#1 Tetrachloro-m-xylene

R.T.: 3.748 min
Delta R.T.: -0.002 min
Response: 254468501
Conc: 20.96 ng/ml



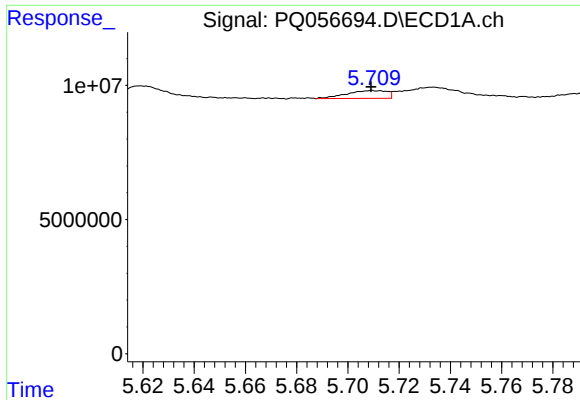
#2 Decachlorobiphenyl

R.T.: 10.303 min
Delta R.T.: 0.000 min
Response: 657798660
Conc: 46.24 ng/ml



#2 Decachlorobiphenyl

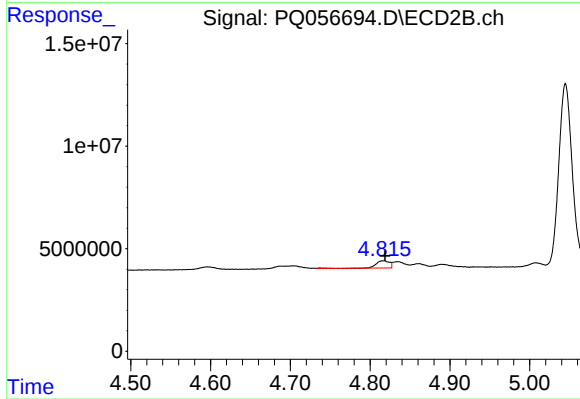
R.T.: 8.686 min
Delta R.T.: -0.006 min
Response: 430700943
Conc: 43.88 ng/ml



#3 AR-1016-1

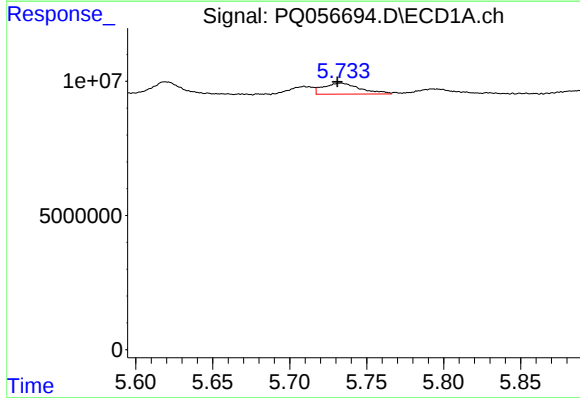
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 3200785
Conc: 9.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



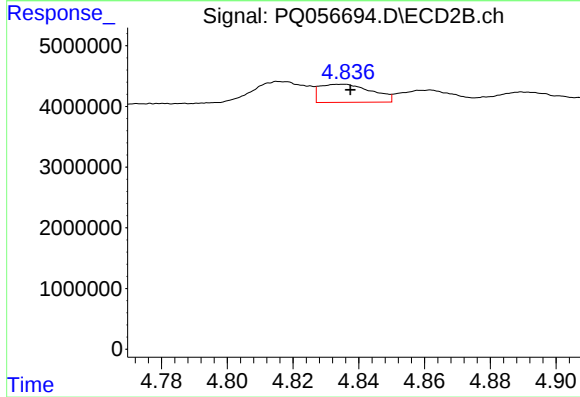
#3 AR-1016-1

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 4253640
Conc: 11.20 ng/ml



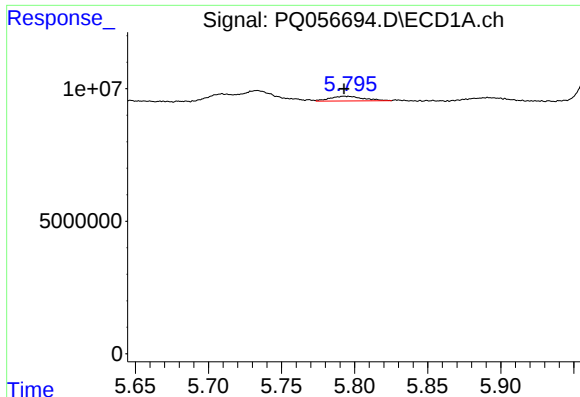
#4 AR-1016-2

R.T.: 5.733 min
Delta R.T.: 0.002 min
Response: 6881862
Conc: 10.36 ng/ml



#4 AR-1016-2

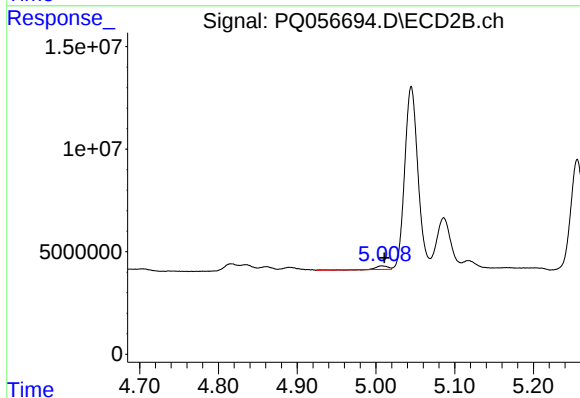
R.T.: 4.835 min
Delta R.T.: -0.003 min
Response: 3283923
Conc: 5.07 ng/ml



#5 AR-1016-3

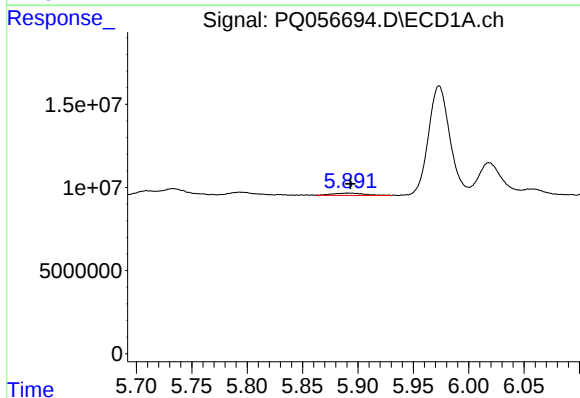
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 2771686
Conc: 6.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



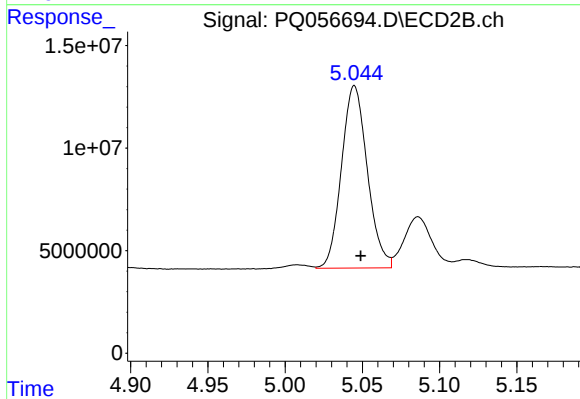
#5 AR-1016-3

R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 1611541
Conc: 5.44 ng/ml



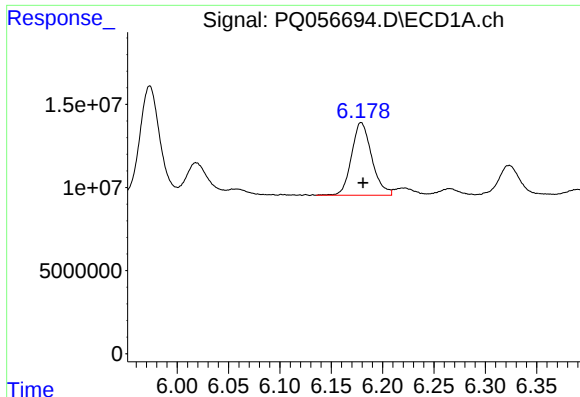
#6 AR-1016-4

R.T.: 5.891 min
Delta R.T.: -0.002 min
Response: 2945618
Conc: 8.39 ng/ml



#6 AR-1016-4

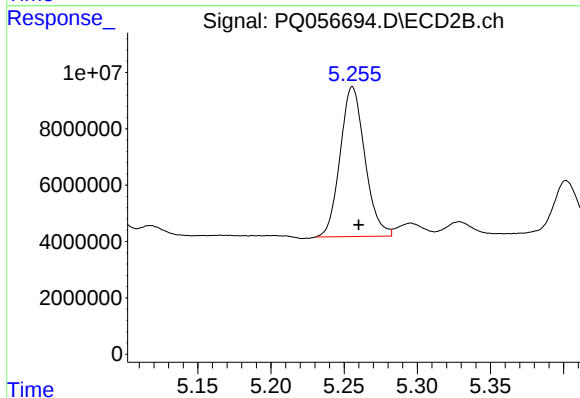
R.T.: 5.045 min
Delta R.T.: -0.004 min
Response: 103487233
Conc: 423.92 ng/ml



#7 AR-1016-5

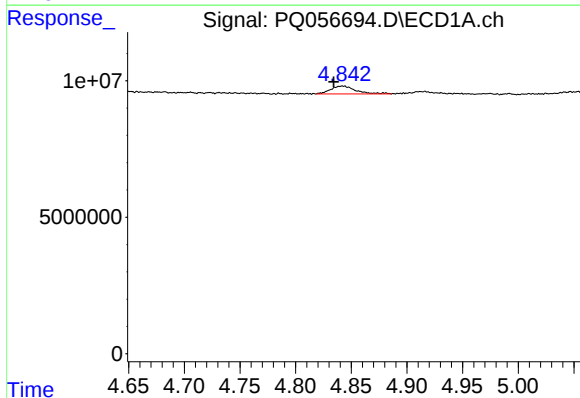
R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 60081517
Conc: 211.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



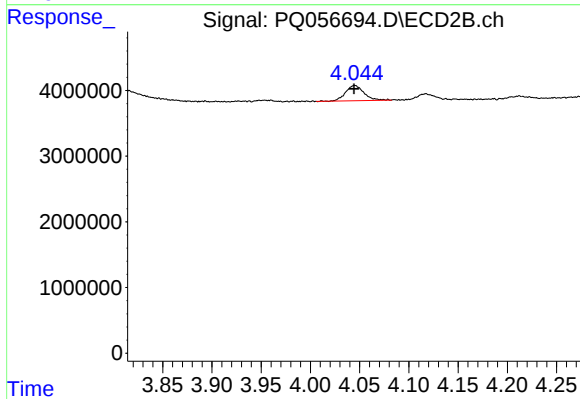
#7 AR-1016-5

R.T.: 5.256 min
Delta R.T.: -0.004 min
Response: 62505266
Conc: 201.14 ng/ml



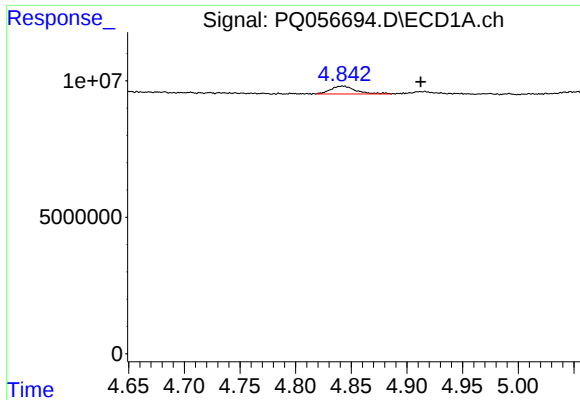
#9 AR-1221-2

R.T.: 4.844 min
Delta R.T.: 0.010 min
Response: 4534375
Conc: 44.15 ng/ml



#9 AR-1221-2

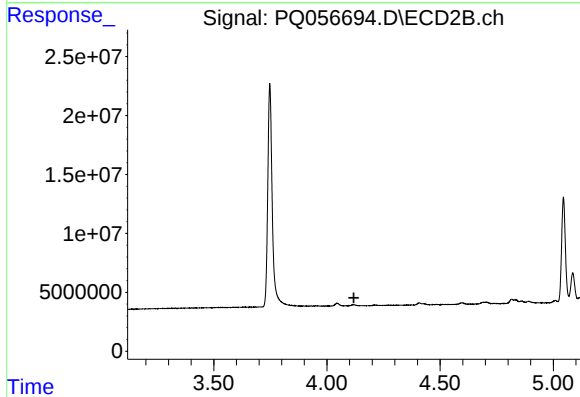
R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 3022082
Conc: 34.84 ng/ml



#10 AR-1221-3

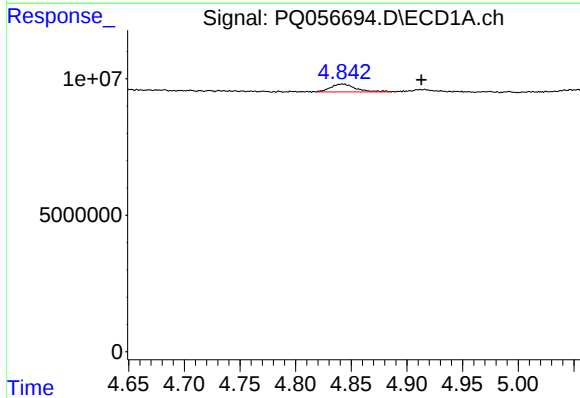
R.T.: 4.844 min
Delta R.T.: -0.068 min
Response: 4534375
Conc: 12.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



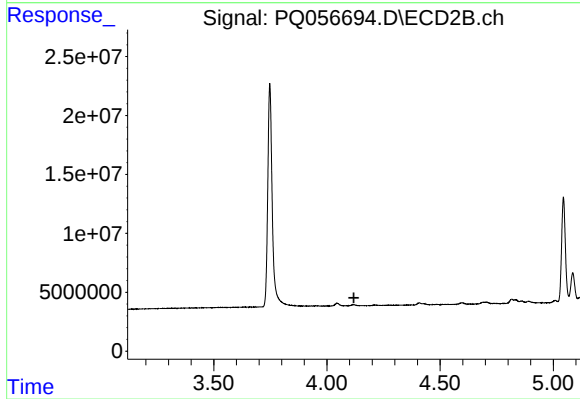
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.119 min
Response: 0
Conc: N.D.



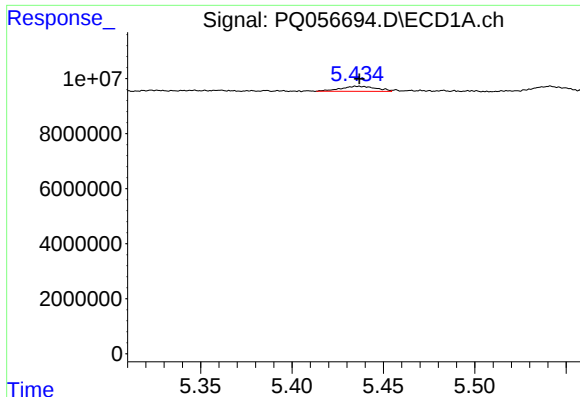
#11 AR-1232-1

R.T.: 4.844 min
Delta R.T.: -0.069 min
Response: 4534375
Conc: 15.81 ng/ml



#11 AR-1232-1

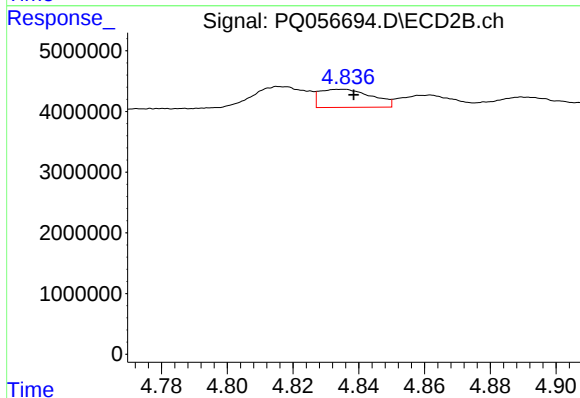
R.T.: 0.000 min
Exp R.T. : 4.119 min
Response: 0
Conc: N.D.



#12 AR-1232-2

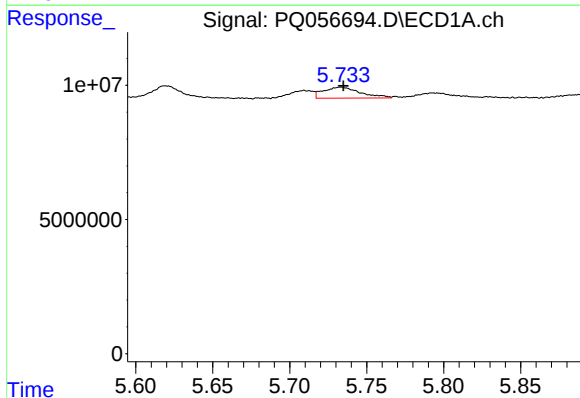
R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 2527744
Conc: 15.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



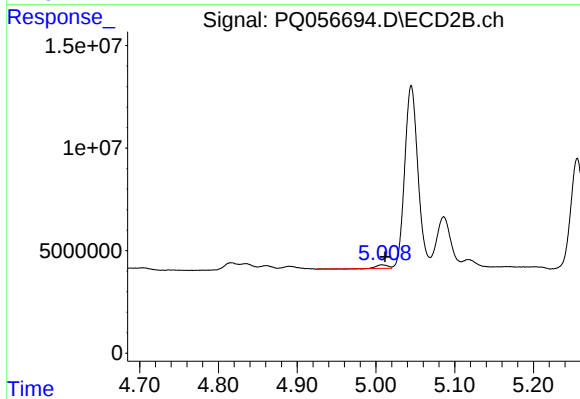
#12 AR-1232-2

R.T.: 4.835 min
Delta R.T.: -0.004 min
Response: 3283923
Conc: 12.11 ng/ml



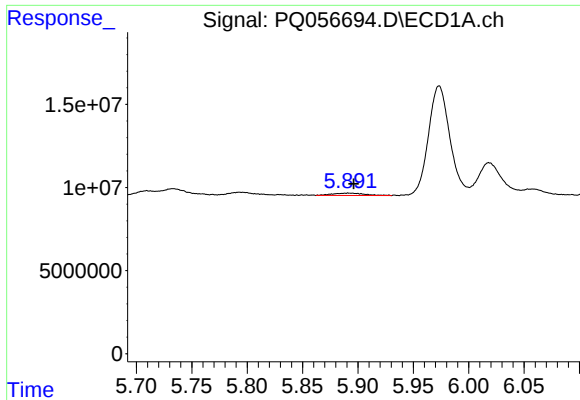
#13 AR-1232-3

R.T.: 5.733 min
Delta R.T.: -0.001 min
Response: 6881862
Conc: 24.01 ng/ml



#13 AR-1232-3

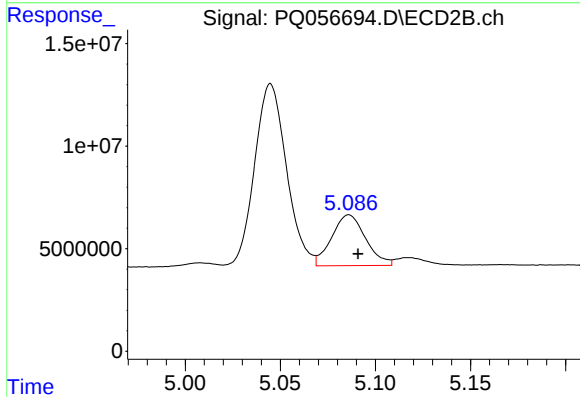
R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 1611541
Conc: 13.48 ng/ml



#14 AR-1232-4

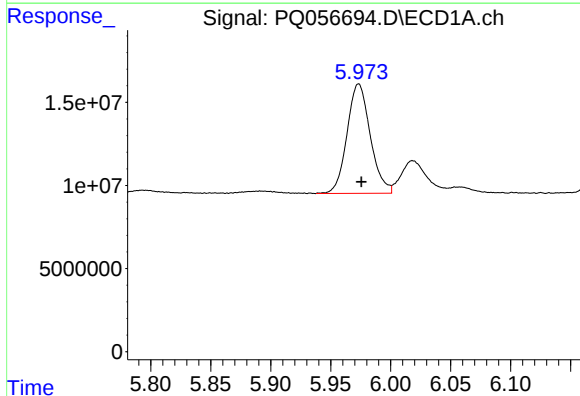
R.T.: 5.891 min
Delta R.T.: -0.005 min
Response: 2945618
Conc: 20.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



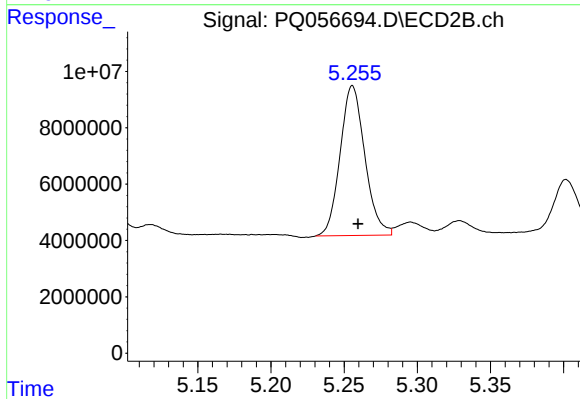
#14 AR-1232-4

R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 30743542
Conc: 278.93 ng/ml



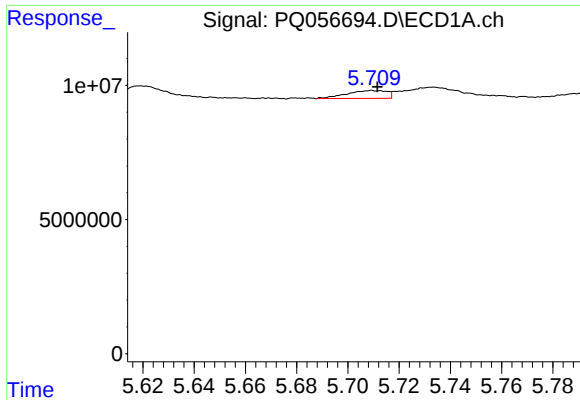
#15 AR-1232-5

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 89057482
Conc: 990.87 ng/ml



#15 AR-1232-5

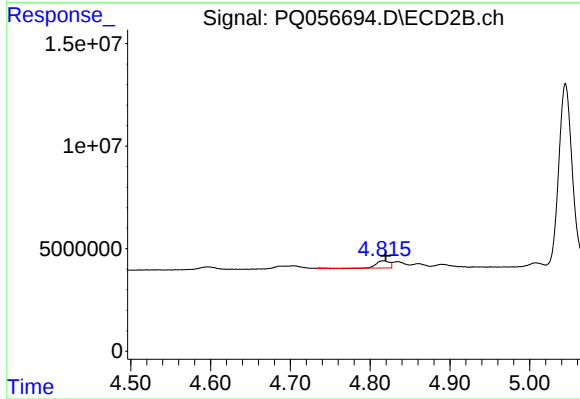
R.T.: 5.256 min
Delta R.T.: -0.004 min
Response: 62505266
Conc: 502.25 ng/ml



#16 AR-1242-1

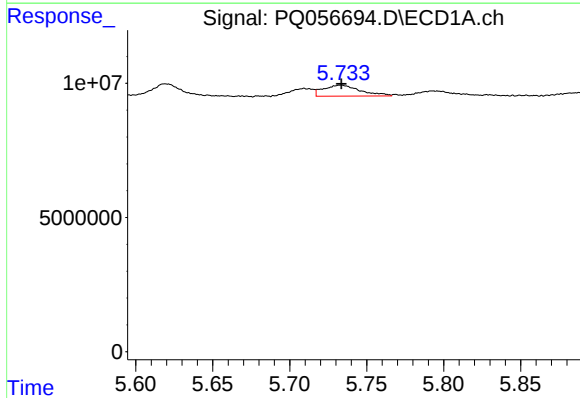
R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 3200785
Conc: 12.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



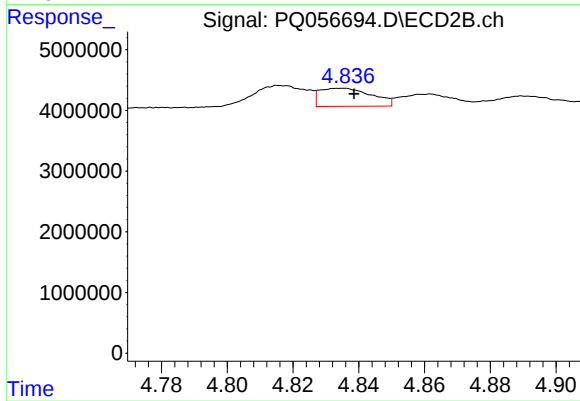
#16 AR-1242-1

R.T.: 4.817 min
Delta R.T.: -0.003 min
Response: 4253640
Conc: 14.37 ng/ml



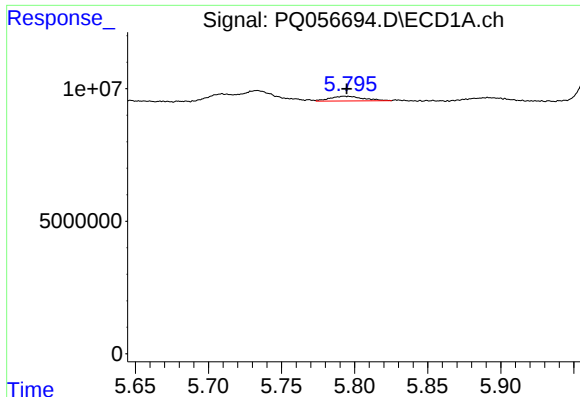
#17 AR-1242-2

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 6881862
Conc: 12.91 ng/ml



#17 AR-1242-2

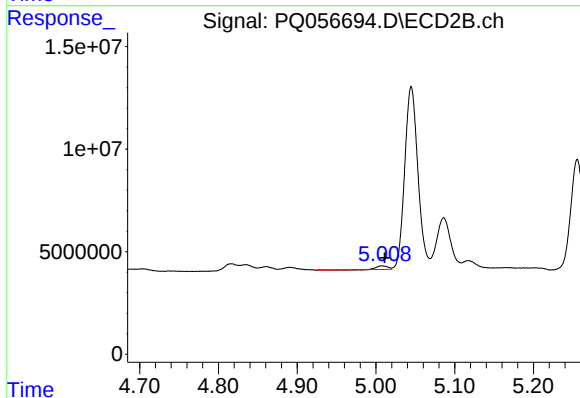
R.T.: 4.835 min
Delta R.T.: -0.004 min
Response: 3283923
Conc: 6.43 ng/ml



#18 AR-1242-3

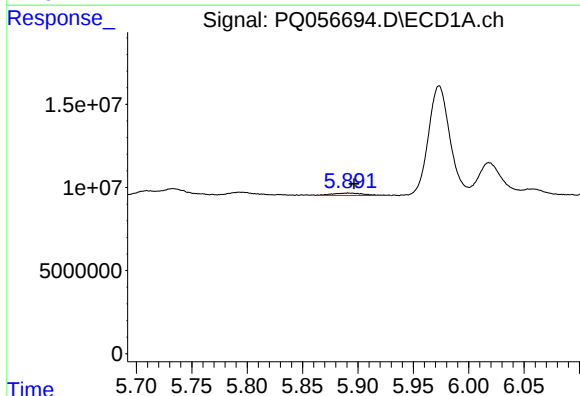
R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 2771686
Conc: 7.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



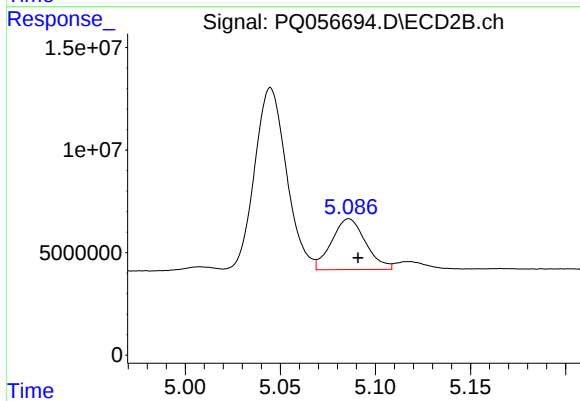
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 1611541
Conc: 6.96 ng/ml



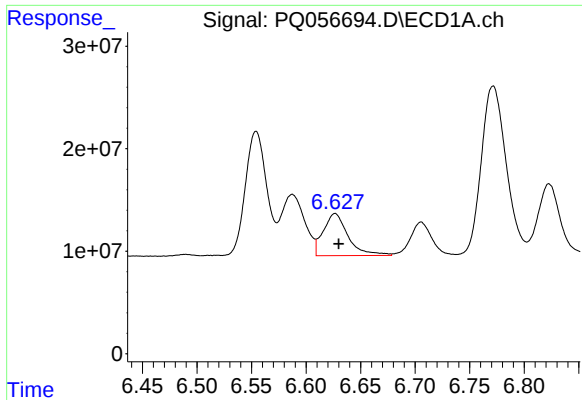
#19 AR-1242-4

R.T.: 5.891 min
Delta R.T.: -0.005 min
Response: 2945618
Conc: 10.56 ng/ml



#19 AR-1242-4

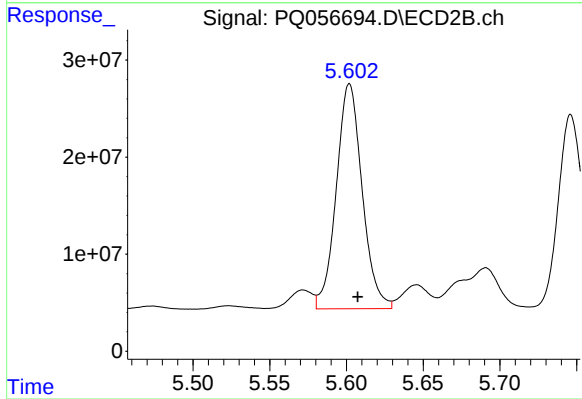
R.T.: 5.086 min
Delta R.T.: -0.005 min
Response: 30743542
Conc: 132.57 ng/ml



#20 AR-1242-5

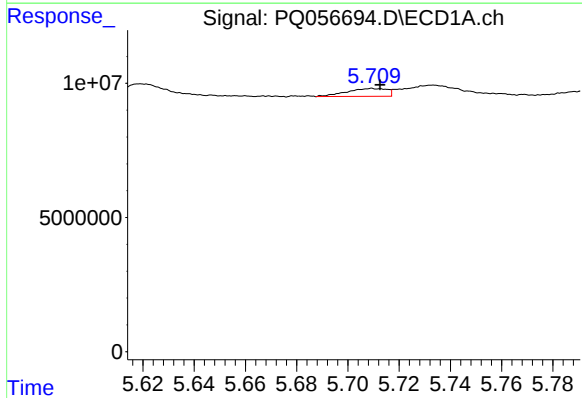
R.T.: 6.627 min
Delta R.T.: -0.003 min
Response: 65075645
Conc: 223.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



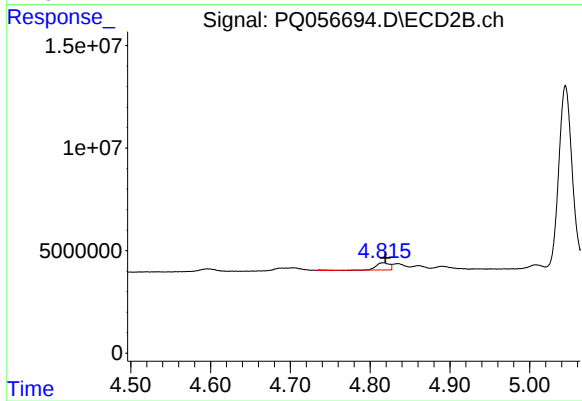
#20 AR-1242-5

R.T.: 5.602 min
Delta R.T.: -0.005 min
Response: 272148330
Conc: 911.24 ng/ml



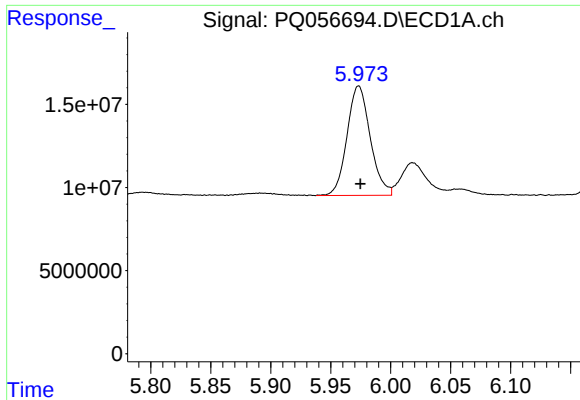
#21 AR-1248-1

R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 3200785
Conc: 18.44 ng/ml



#21 AR-1248-1

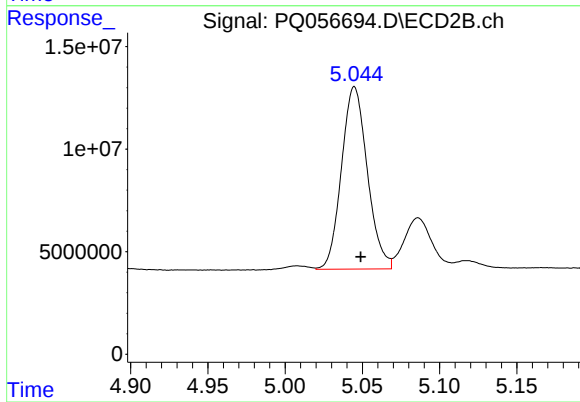
R.T.: 4.817 min
Delta R.T.: -0.003 min
Response: 4253640
Conc: 19.89 ng/ml



#22 AR-1248-2

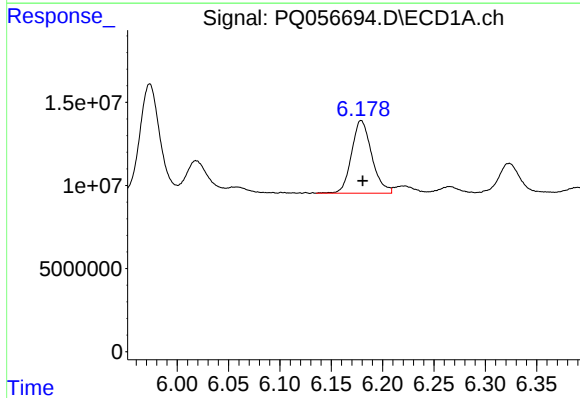
R.T.: 5.973 min
Delta R.T.: -0.001 min
Response: 89057482
Conc: 302.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



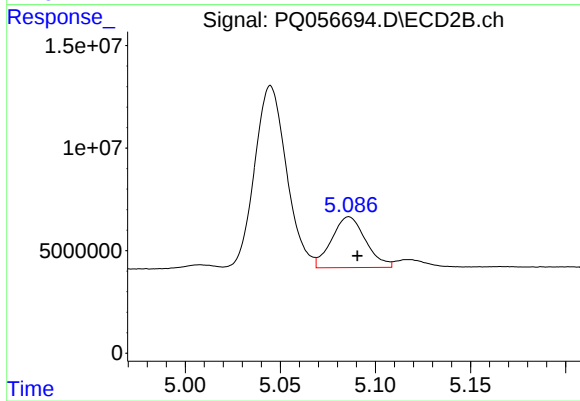
#22 AR-1248-2

R.T.: 5.045 min
Delta R.T.: -0.004 min
Response: 103487233
Conc: 325.79 ng/ml



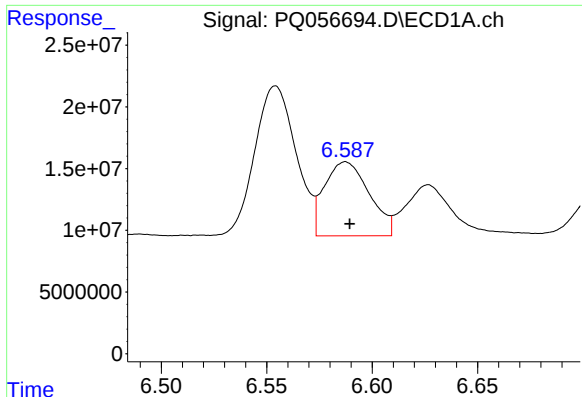
#23 AR-1248-3

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 60081517
Conc: 165.43 ng/ml



#23 AR-1248-3

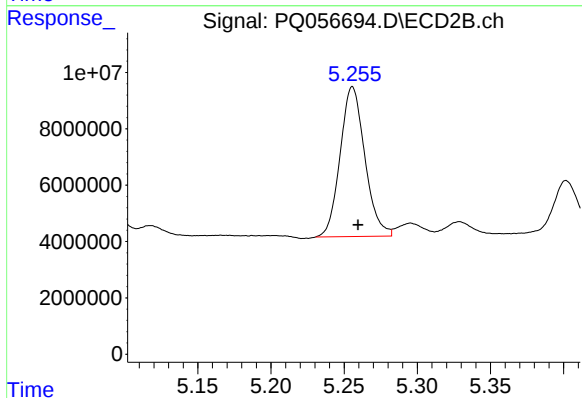
R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 30743542
Conc: 91.91 ng/ml



#24 AR-1248-4

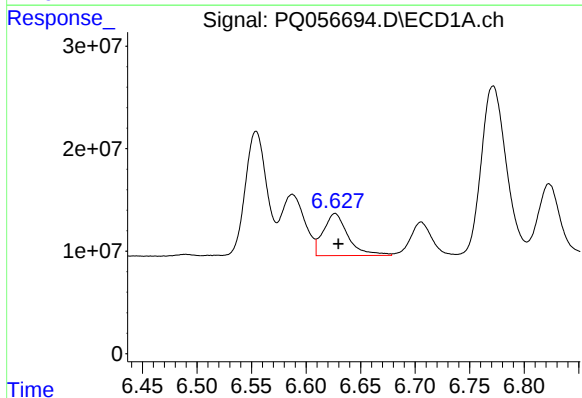
R.T.: 6.587 min
Delta R.T.: -0.002 min
Response: 88517560
Conc: 215.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



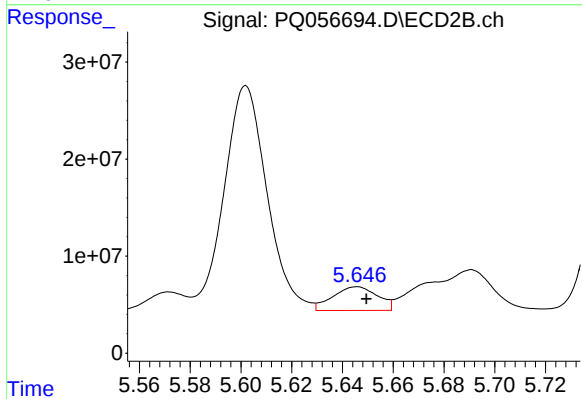
#24 AR-1248-4

R.T.: 5.256 min
Delta R.T.: -0.004 min
Response: 62505266
Conc: 157.22 ng/ml



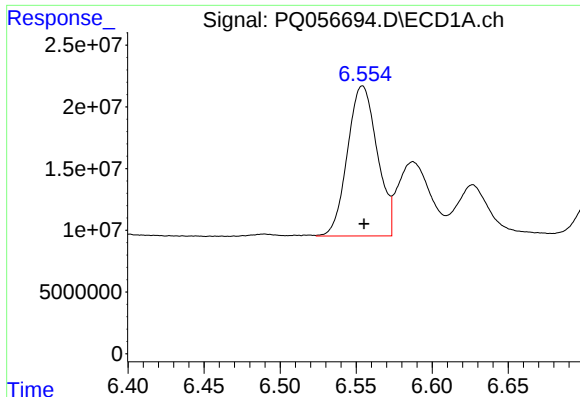
#25 AR-1248-5

R.T.: 6.627 min
Delta R.T.: -0.003 min
Response: 65075645
Conc: 137.89 ng/ml



#25 AR-1248-5

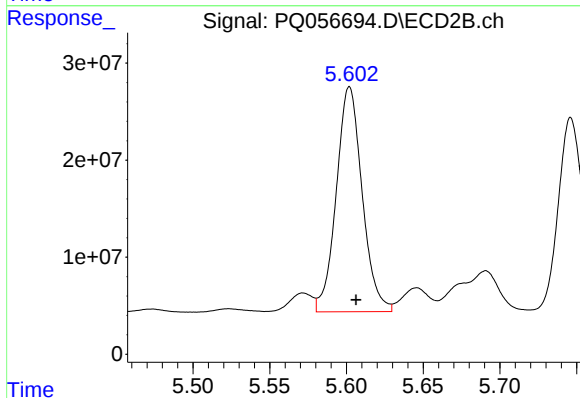
R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 29861020
Conc: 73.11 ng/ml



#26 AR-1254-1

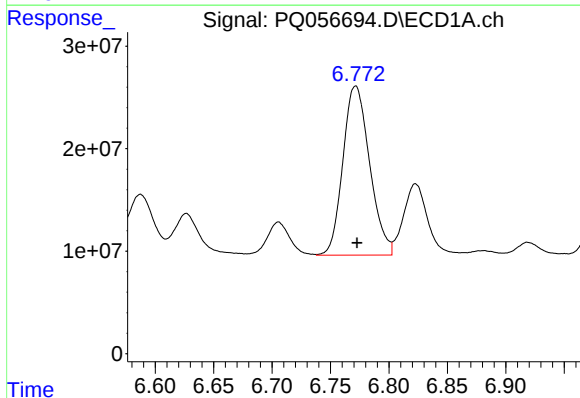
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 165342401
Conc: 404.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



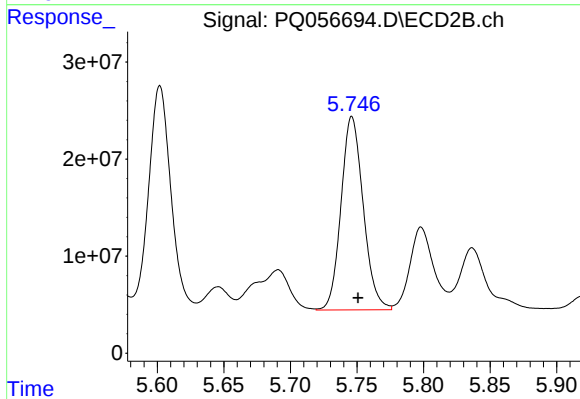
#26 AR-1254-1

R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 272148330
Conc: 405.39 ng/ml



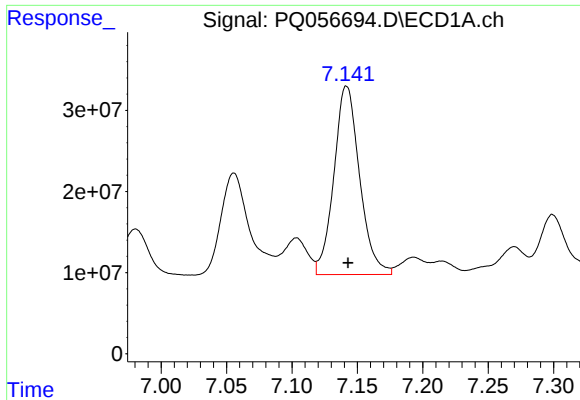
#27 AR-1254-2

R.T.: 6.771 min
Delta R.T.: -0.001 min
Response: 262874498
Conc: 403.32 ng/ml



#27 AR-1254-2

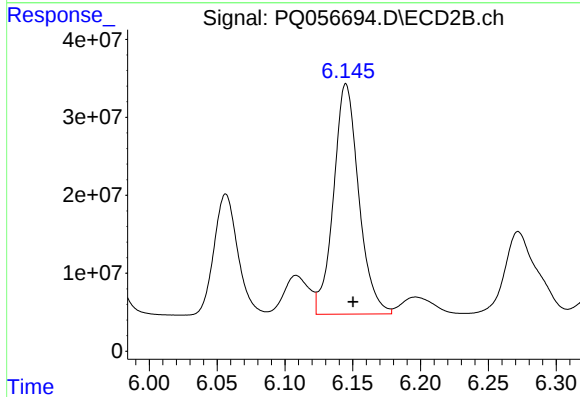
R.T.: 5.746 min
Delta R.T.: -0.005 min
Response: 231289829
Conc: 404.52 ng/ml



#28 AR-1254-3

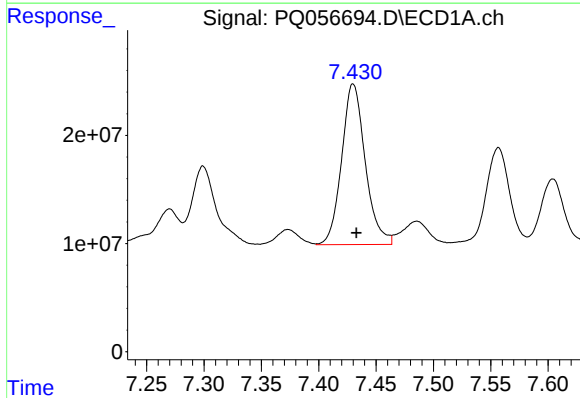
R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 318350228
Conc: 399.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



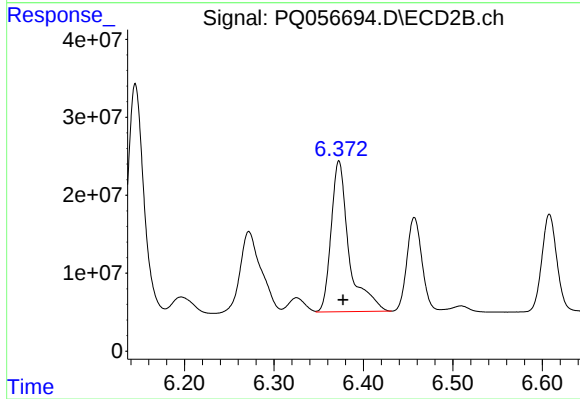
#28 AR-1254-3

R.T.: 6.145 min
Delta R.T.: -0.005 min
Response: 382488752
Conc: 404.18 ng/ml



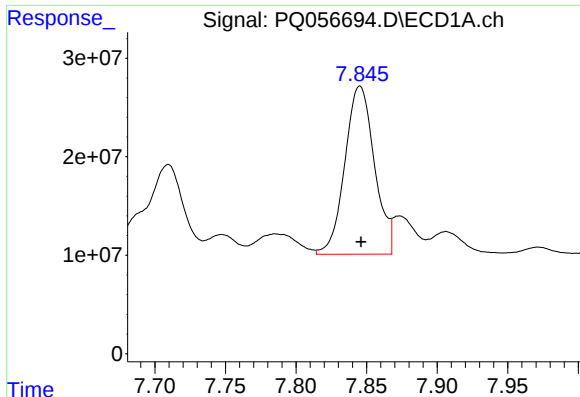
#29 AR-1254-4

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 213074523
Conc: 408.01 ng/ml



#29 AR-1254-4

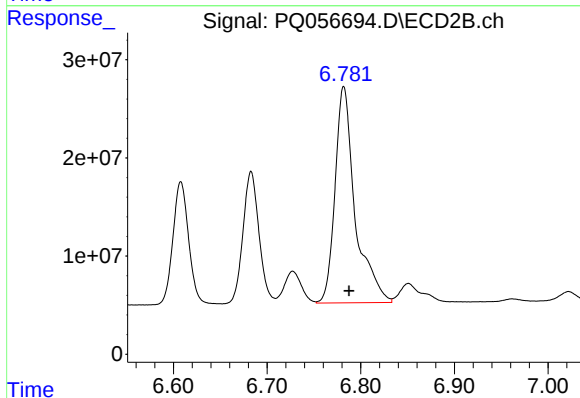
R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 269907938
Conc: 401.76 ng/ml



#30 AR-1254-5

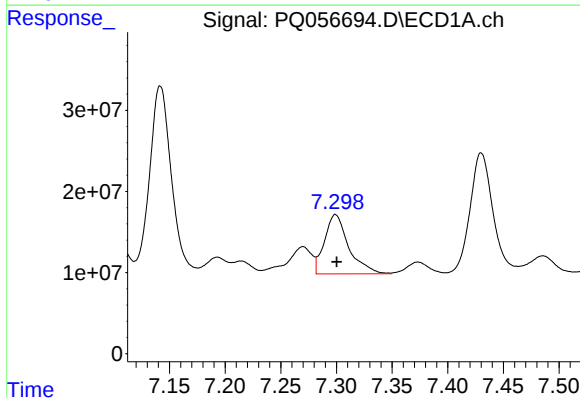
R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 249138700
Conc: 409.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



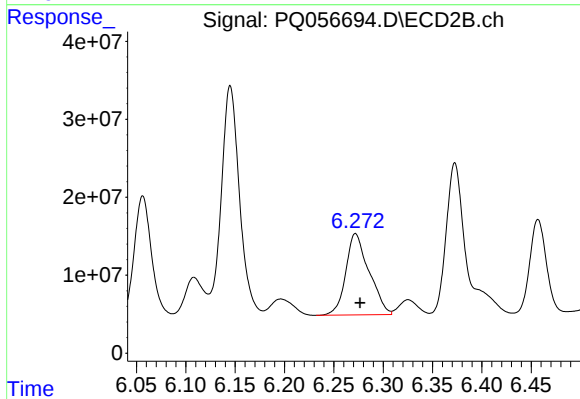
#30 AR-1254-5

R.T.: 6.782 min
Delta R.T.: -0.006 min
Response: 328255192
Conc: 402.30 ng/ml



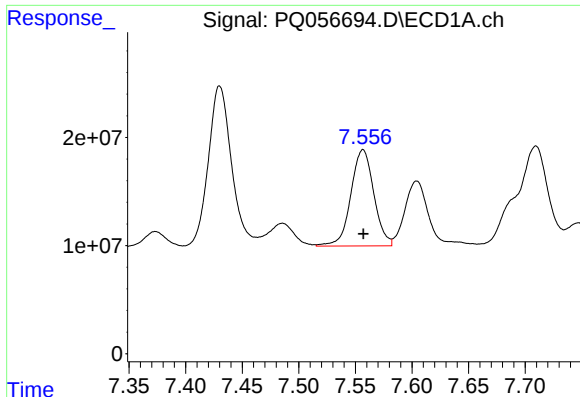
#31 AR-1260-1

R.T.: 7.299 min
Delta R.T.: -0.001 min
Response: 110676057
Conc: 238.33 ng/ml



#31 AR-1260-1

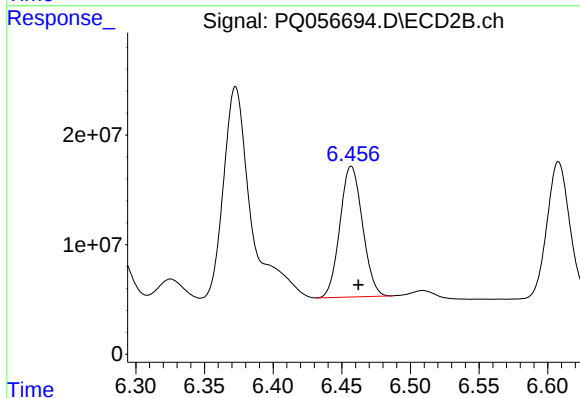
R.T.: 6.272 min
Delta R.T.: -0.005 min
Response: 170874065
Conc: 303.03 ng/ml



#32 AR-1260-2

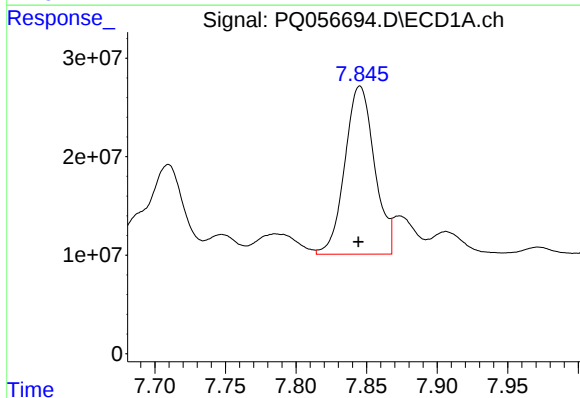
R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 126114048
Conc: 229.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



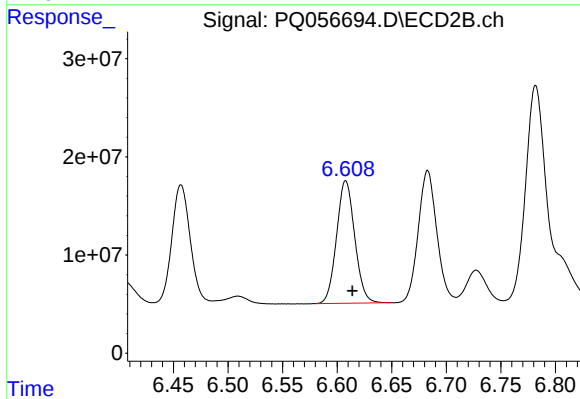
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 136365741
Conc: 199.39 ng/ml



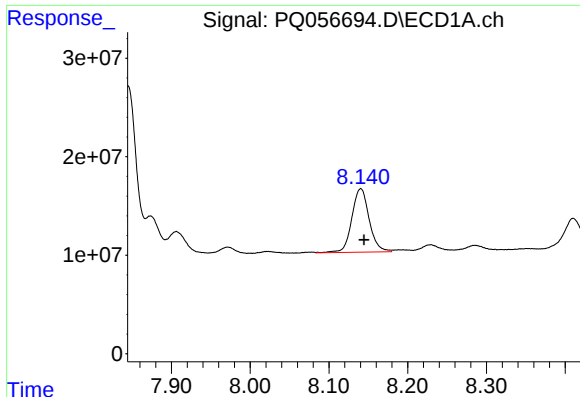
#33 AR-1260-3

R.T.: 7.845 min
Delta R.T.: 0.001 min
Response: 249138700
Conc: 351.57 ng/ml



#33 AR-1260-3

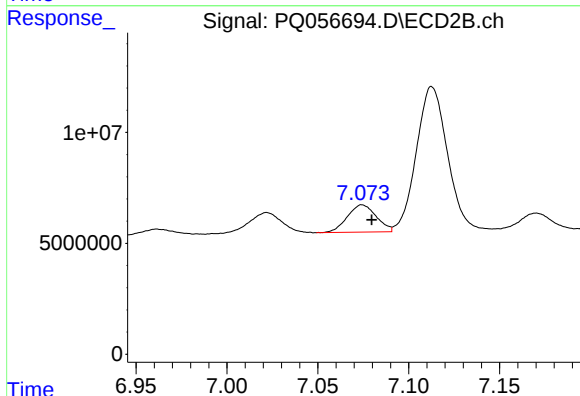
R.T.: 6.608 min
Delta R.T.: -0.006 min
Response: 144652960
Conc: 226.11 ng/ml



#34 AR-1260-4

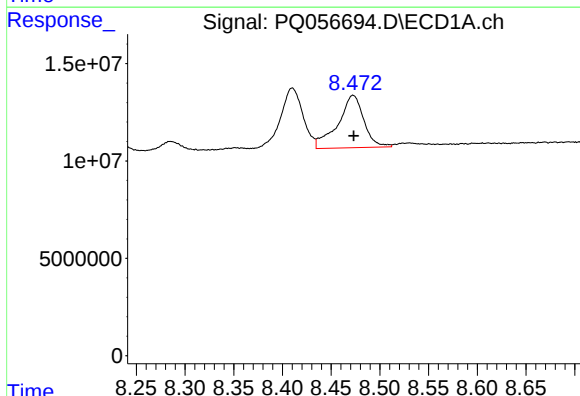
R.T.: 8.140 min
Delta R.T.: -0.004 min
Response: 98388803
Conc: 182.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



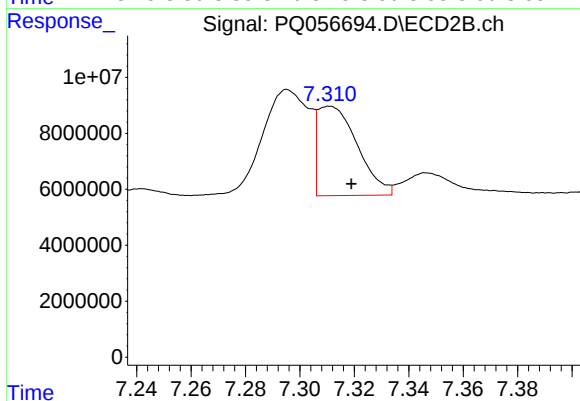
#34 AR-1260-4

R.T.: 7.074 min
Delta R.T.: -0.005 min
Response: 13617672
Conc: 25.40 ng/ml



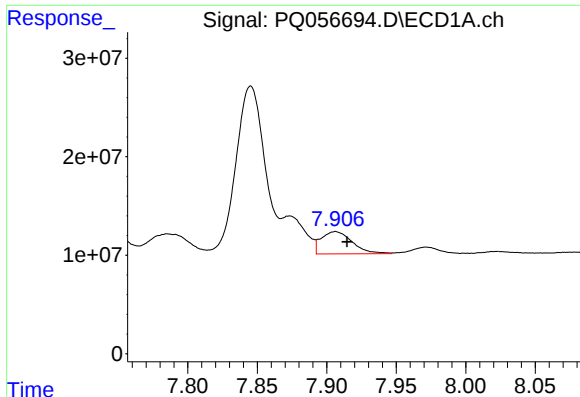
#35 AR-1260-5

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 50070812
Conc: 43.16 ng/ml



#35 AR-1260-5

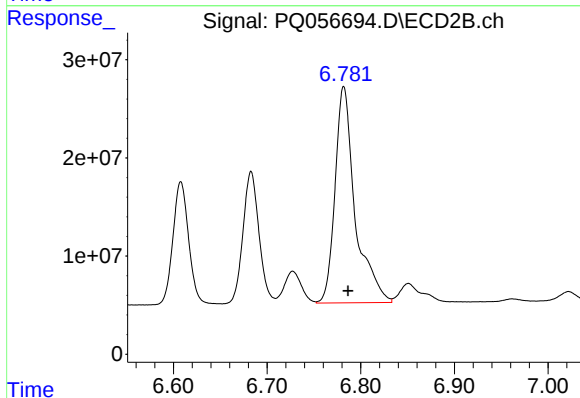
R.T.: 7.311 min
Delta R.T.: -0.008 min
Response: 32526507
Conc: 24.49 ng/ml



#36 AR-1262-1

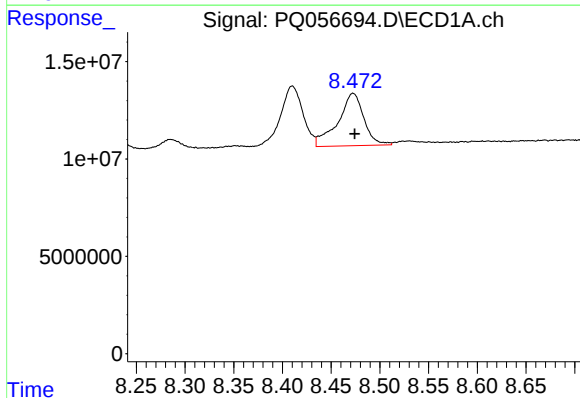
R.T.: 7.906 min
Delta R.T.: -0.008 min
Response: 35205594
Conc: 49.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



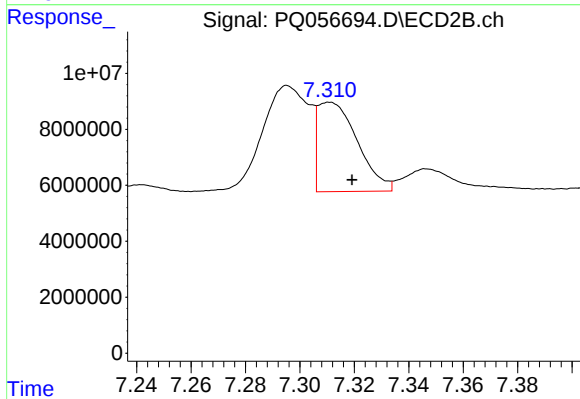
#36 AR-1262-1

R.T.: 6.782 min
Delta R.T.: -0.005 min
Response: 328255192
Conc: 778.20 ng/ml



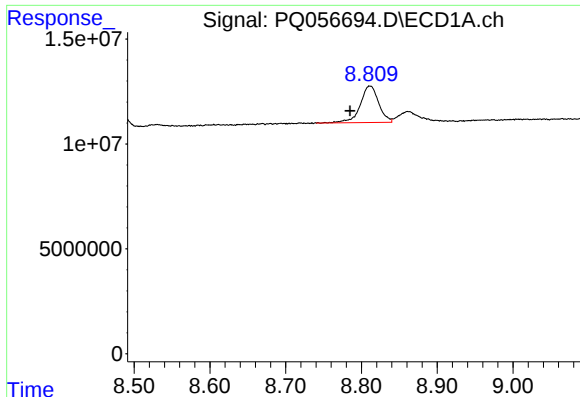
#37 AR-1262-2

R.T.: 8.473 min
Delta R.T.: -0.002 min
Response: 50070812
Conc: 33.76 ng/ml



#37 AR-1262-2

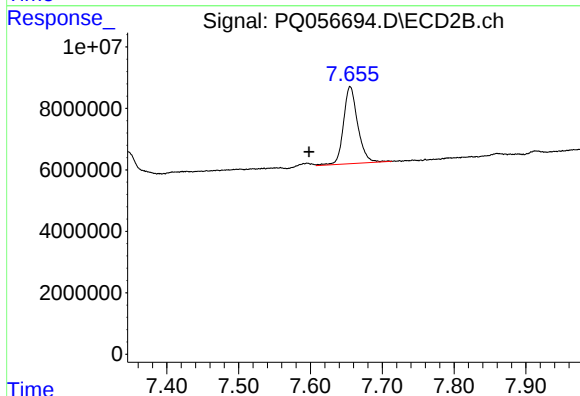
R.T.: 7.311 min
Delta R.T.: -0.008 min
Response: 32526507
Conc: 20.31 ng/ml



#38 AR-1262-3

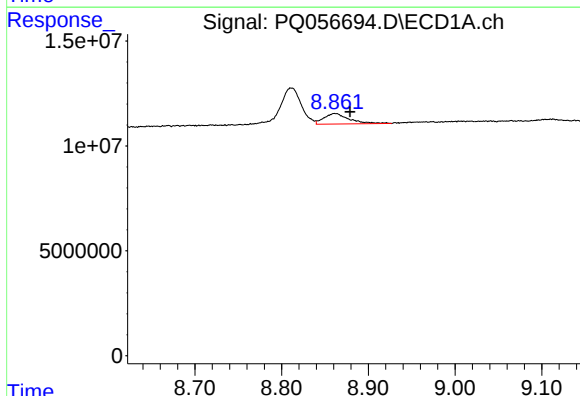
R.T.: 8.811 min
Delta R.T.: 0.026 min
Response: 29295222
Conc: 42.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



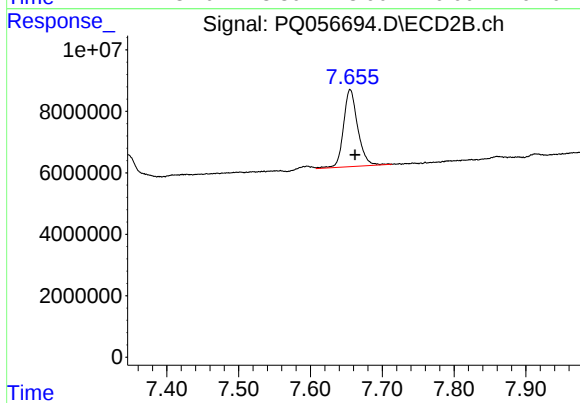
#38 AR-1262-3

R.T.: 7.655 min
Delta R.T.: 0.057 min
Response: 34439420
Conc: 57.78 ng/ml



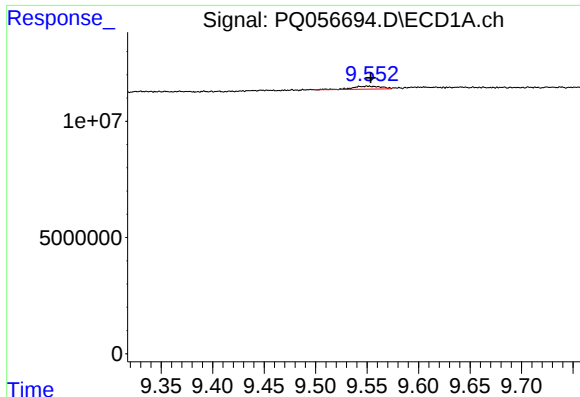
#39 AR-1262-4

R.T.: 8.862 min
Delta R.T.: -0.017 min
Response: 10092989
Conc: 14.91 ng/ml



#39 AR-1262-4

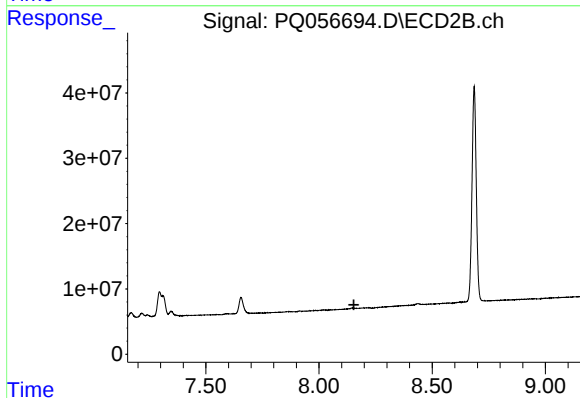
R.T.: 7.655 min
Delta R.T.: -0.007 min
Response: 34439420
Conc: 29.82 ng/ml



#40 AR-1262-5

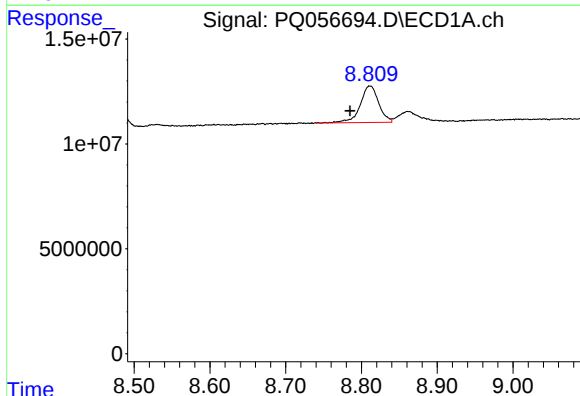
R.T.: 9.551 min
Delta R.T.: -0.003 min
Response: 2581342
Conc: 4.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



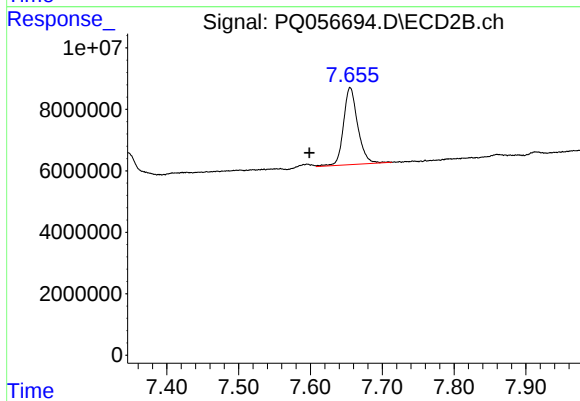
#40 AR-1262-5

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



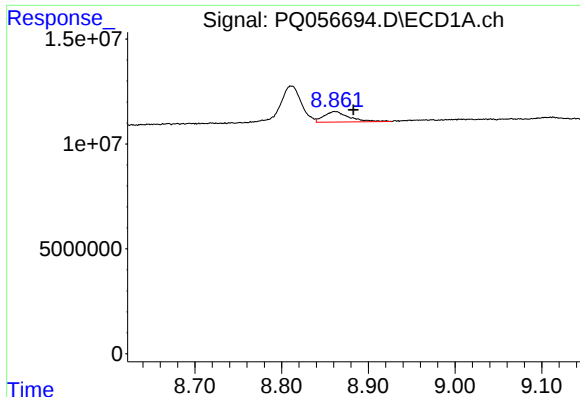
#41 AR-1268-1

R.T.: 8.811 min
Delta R.T.: 0.026 min
Response: 29295222
Conc: 15.81 ng/ml



#41 AR-1268-1

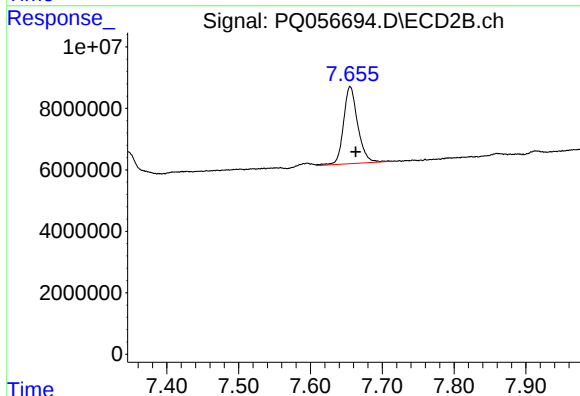
R.T.: 7.655 min
Delta R.T.: 0.057 min
Response: 34439420
Conc: 18.96 ng/ml



#42 AR-1268-2

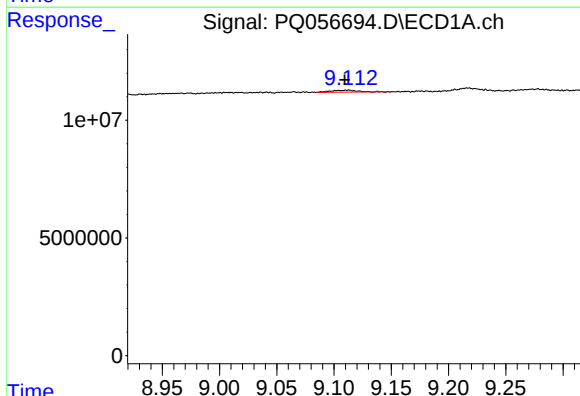
R.T.: 8.862 min
Delta R.T.: -0.021 min
Response: 10092989
Conc: 5.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



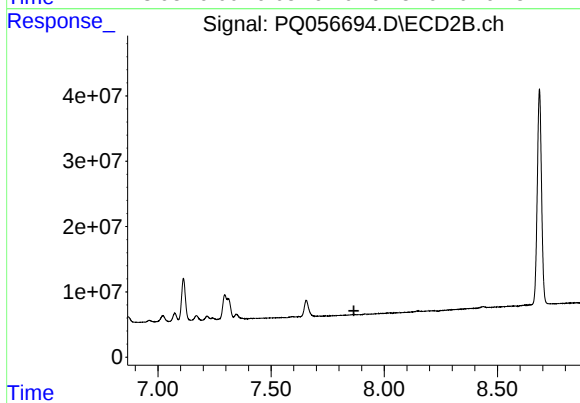
#42 AR-1268-2

R.T.: 7.655 min
Delta R.T.: -0.007 min
Response: 34439420
Conc: 20.81 ng/ml



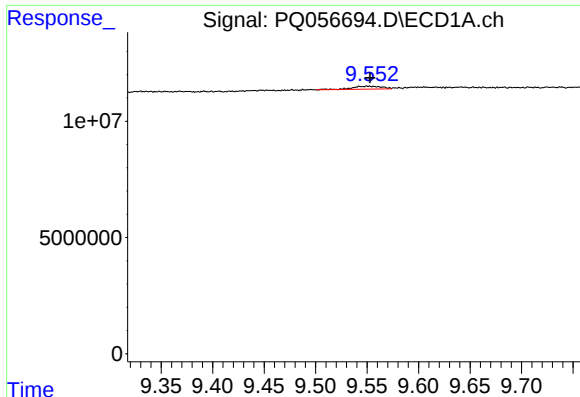
#43 AR-1268-3

R.T.: 9.113 min
Delta R.T.: 0.003 min
Response: 1394632
Conc: 0.80 ng/ml



#43 AR-1268-3

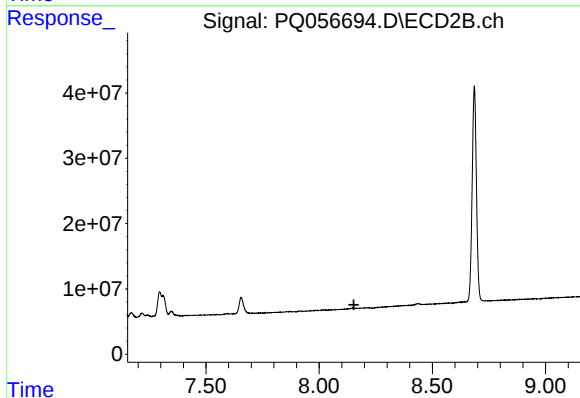
R.T.: 0.000 min
Exp R.T.: 7.866 min
Response: 0
Conc: N.D.



#44 AR-1268-4

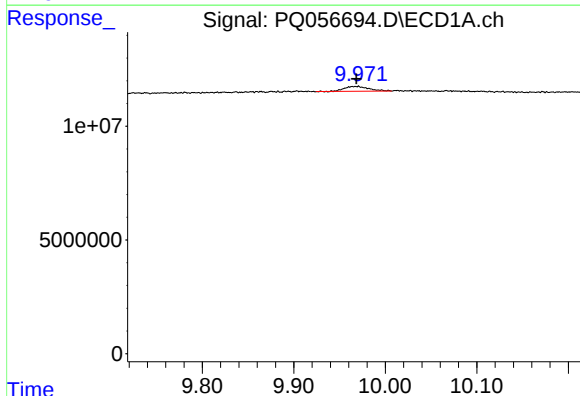
R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 2581342
Conc: 3.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



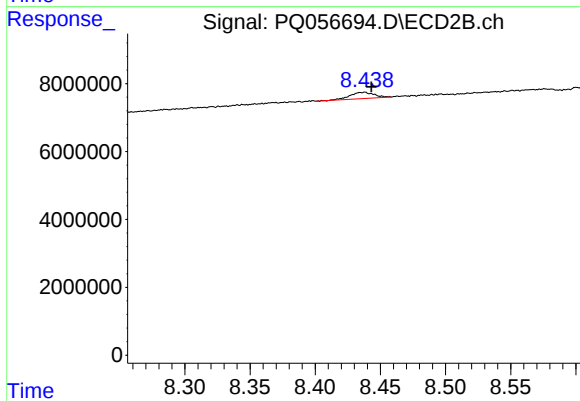
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.970 min
Delta R.T.: 0.001 min
Response: 3953458
Conc: 0.65 ng/ml



#45 AR-1268-5

R.T.: 8.437 min
Delta R.T.: -0.006 min
Response: 2421678
Conc: 0.56 ng/ml