

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041122\
 Data File : PQ056938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2022 18:29
 Operator : YP\AJ
 Sample : PB144044BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:40:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 24 09:20:48 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...	4.529	3.746	366.4E6	249.8E6	20.570	23.283
2)	SA Decachlor...	10.298	8.677	725.3E6	452.3E6	49.674	43.845
Target Compounds							
3)	L1 AR-1016-1	5.708	4.813	45069781	40747439	106.261	122.420
4)	L1 AR-1016-2	5.731	4.832	97167770	73649529	113.605	122.996
5)	L1 AR-1016-3	5.791	5.004	66529739	32495249	120.010	120.873
6)	L1 AR-1016-4	5.893	5.041	50370087	28349176	117.890	124.504
7)	L1 AR-1016-5	6.177	5.251	41335629	35016732	104.640	121.987
8)	L2 AR-1221-1	4.749	3.954	2770875	3850647	15.900	33.749 #
9)	L2 AR-1221-2	4.835	4.041	10896646	7160382	88.757	90.446
10)	L2 AR-1221-3	4.911	4.115	31765773	23840882	76.041	85.954
11)	L3 AR-1232-1	4.911	4.115	31765773	23840882	90.527	104.809
12)	L3 AR-1232-2	5.433	4.832	50375113	73649529	200.452	312.702 #
13)	L3 AR-1232-3	5.731	5.004	97167770	32495249	272.201	279.862
14)	L3 AR-1232-4	5.893	5.083	50370087	33929115	274.902	348.045 #
15)	L3 AR-1232-5	5.971	5.251	36482853	35016732	127.592	340.844 #
16)	L4 AR-1242-1	5.708	4.813	45069781	40747439	115.752	143.045
17)	L4 AR-1242-2	5.731	4.832	97167770	73649529	126.679	145.639
18)	L4 AR-1242-3	5.791	5.004	66529739	32495249	131.194	142.751
19)	L4 AR-1242-4	5.893	5.083	50370087	33929115	129.122	148.395
20)	L4 AR-1242-5	6.627	5.597	6401263	28184226	16.195	94.370 #
21)	L5 AR-1248-1	5.708	4.813	45069781	40747439	153.474	182.562
22)	L5 AR-1248-2	5.971	5.041	36482853	28349176	67.968	85.035 #
23)	L5 AR-1248-3	6.177	5.083	41335629	33929115	65.751	96.837 #
24)	L5 AR-1248-4	6.588	5.251	7117678	35016732	10.881	83.822 #
25)	L5 AR-1248-5	6.627	5.642	6401263	4315056	9.216	9.627
26)	L6 AR-1254-1	6.551	5.597	29971101	28184226	46.553	42.266
27)	L6 AR-1254-2	6.768	5.742	33234089	26472321	33.318	48.213 #
28)	L6 AR-1254-3	7.140	6.153	17917756	47157546	16.178	50.740 #
29)	L6 AR-1254-4	7.424	6.369	11117298	3878640	15.175	5.735 #
30)	L6 AR-1254-5	7.842	6.776	109.6E6	96229713	129.605	117.795
31)	L7 AR-1260-1	7.297	6.266	74120406	70077811	115.670	128.289
32)	L7 AR-1260-2	7.554	6.452	86281939	85507943	117.071	128.485
33)	L7 AR-1260-3	7.842	6.603	109.6E6	76635428	117.547	123.845
34)	L7 AR-1260-4	8.141	7.068	72356206	57099846	104.800	107.988
35)	L7 AR-1260-5	8.470	7.308	148.4E6	140.6E6	106.871	107.386
36)	L8 AR-1262-1	7.911	6.776	56994920	96229713	56.853	227.253 #
37)	L8 AR-1262-2	8.470	7.308	148.4E6	140.6E6	80.823	88.027
38)	L8 AR-1262-3	8.783	7.587	29046657	26747071	35.991	41.689
39)	L8 AR-1262-4	8.862	7.650	60409961	99734011	100.861	84.529
40)	L8 AR-1262-5	9.548	8.142	44145041	27283217	65.546	54.330
41)	L9 AR-1268-1	8.783	7.587	29046657	26747071	13.378	14.496

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 Acq On : 11 Apr 2022 18:29
 Operator : YP\AJ
 Sample : PB144044BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

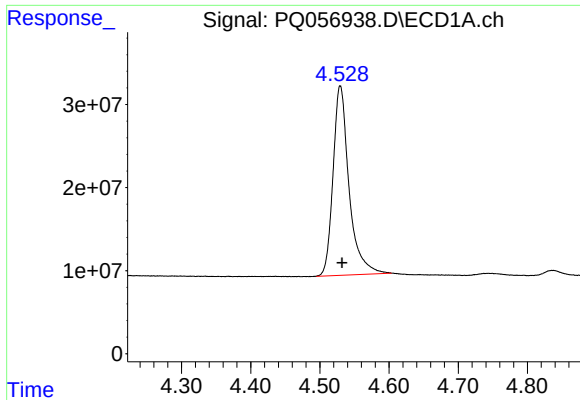
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:40:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.862	7.650	60409961	99734011	28.743	59.290 #
43) L9	AR-1268-3	9.103	7.854	4088636	2333806	2.284	1.824
44) L9	AR-1268-4	9.548	8.142	44145041	27283217	61.365	49.540
45) L9	AR-1268-5	9.965	8.429	19658916	11366561	3.328	2.545

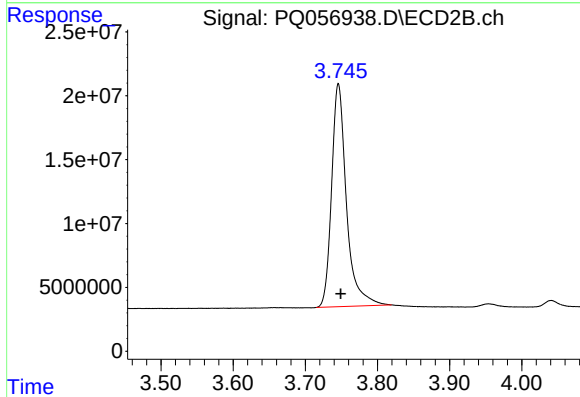
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

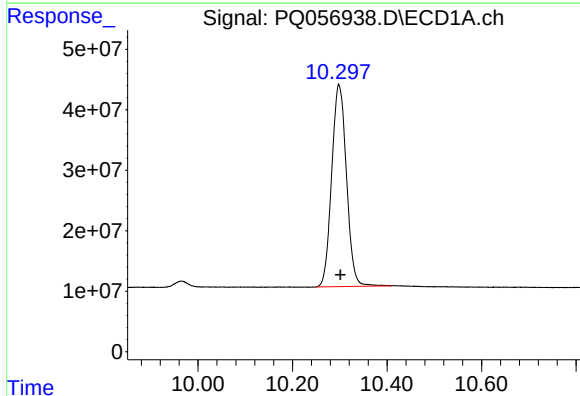
R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 366382556
Conc: 20.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



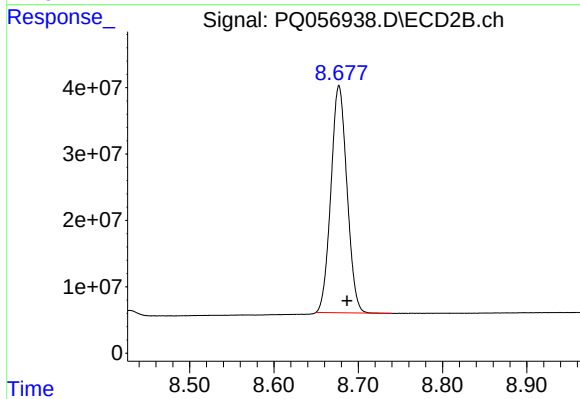
#1 Tetrachloro-m-xylene

R.T.: 3.746 min
Delta R.T.: -0.003 min
Response: 249791222
Conc: 23.28 ng/ml



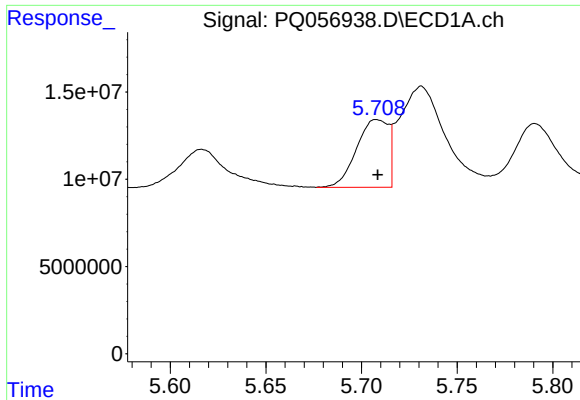
#2 Decachlorobiphenyl

R.T.: 10.298 min
Delta R.T.: -0.003 min
Response: 725311751
Conc: 49.67 ng/ml



#2 Decachlorobiphenyl

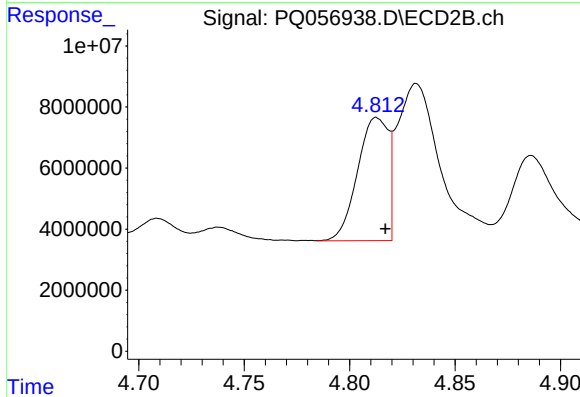
R.T.: 8.677 min
Delta R.T.: -0.009 min
Response: 452334892
Conc: 43.84 ng/ml



#3 AR-1016-1

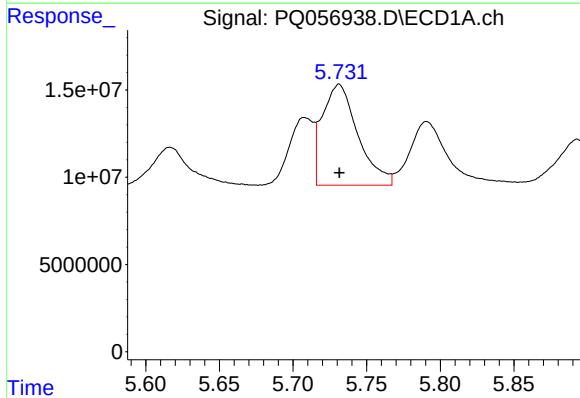
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 45069781
Conc: 106.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



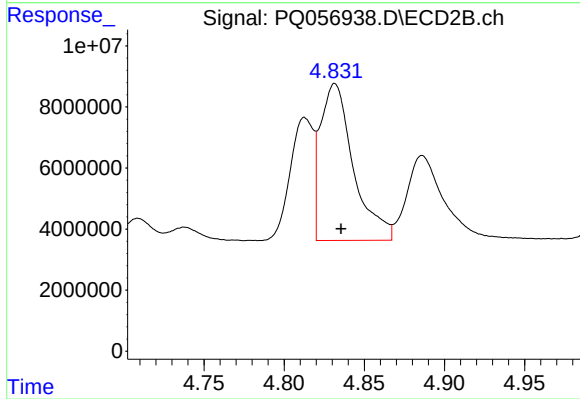
#3 AR-1016-1

R.T.: 4.813 min
Delta R.T.: -0.004 min
Response: 40747439
Conc: 122.42 ng/ml



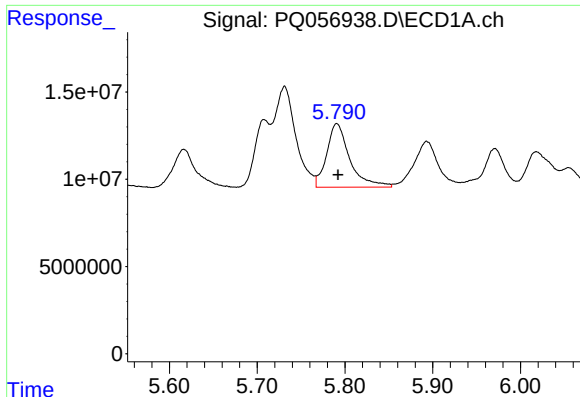
#4 AR-1016-2

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 97167770
Conc: 113.61 ng/ml



#4 AR-1016-2

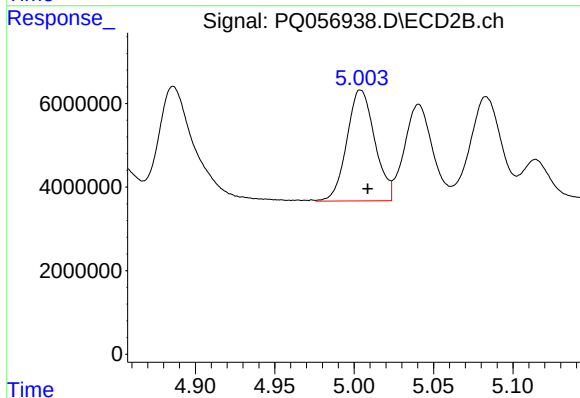
R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 73649529
Conc: 123.00 ng/ml



#5 AR-1016-3

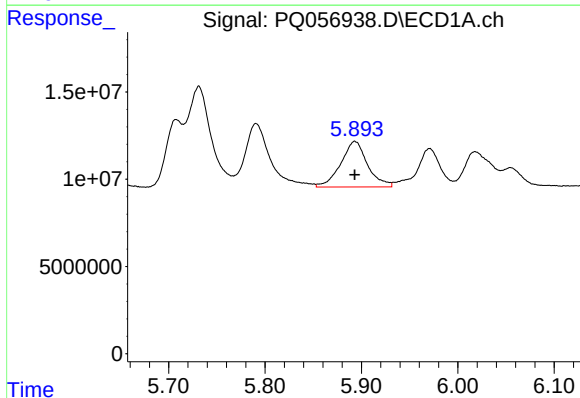
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 66529739
Conc: 120.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



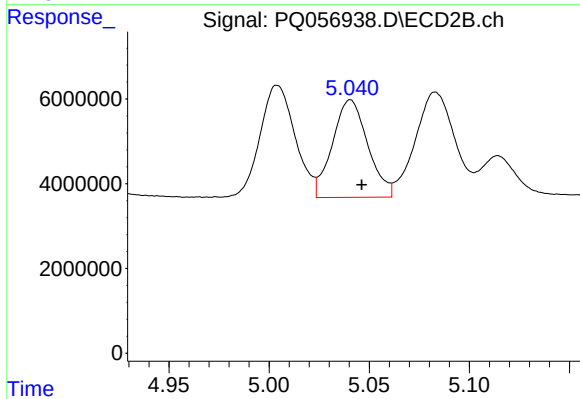
#5 AR-1016-3

R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 32495249
Conc: 120.87 ng/ml



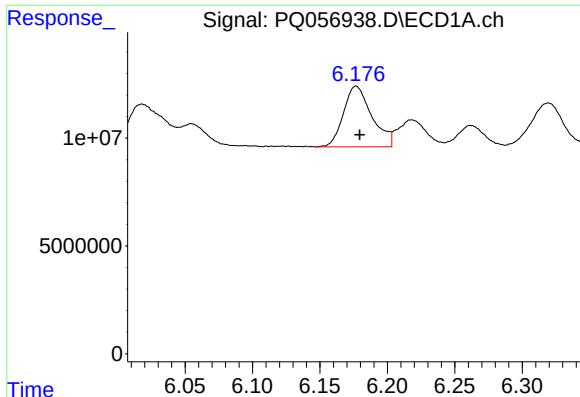
#6 AR-1016-4

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 50370087
Conc: 117.89 ng/ml



#6 AR-1016-4

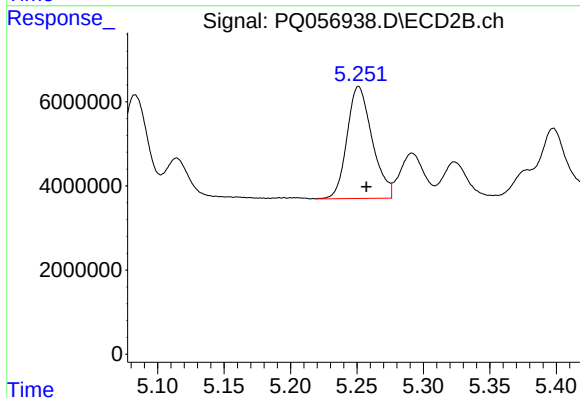
R.T.: 5.041 min
Delta R.T.: -0.006 min
Response: 28349176
Conc: 124.50 ng/ml



#7 AR-1016-5

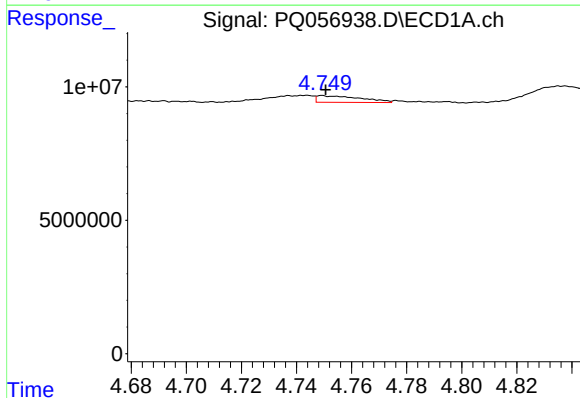
R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 41335629
Conc: 104.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



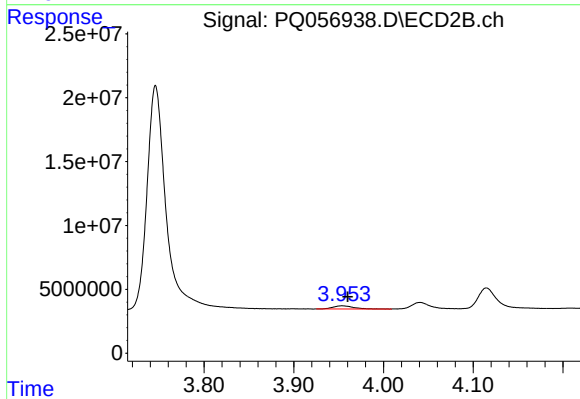
#7 AR-1016-5

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 35016732
Conc: 121.99 ng/ml



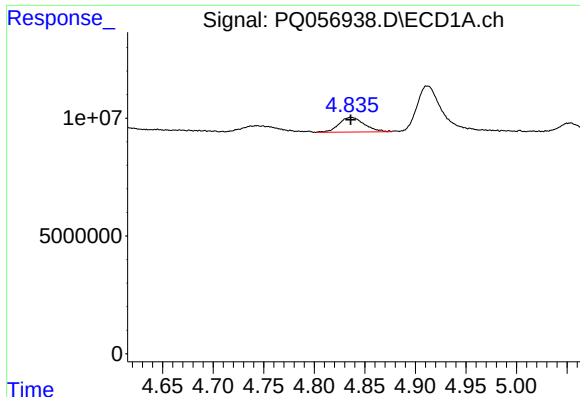
#8 AR-1221-1

R.T.: 4.749 min
Delta R.T.: -0.001 min
Response: 2770875
Conc: 15.90 ng/ml



#8 AR-1221-1

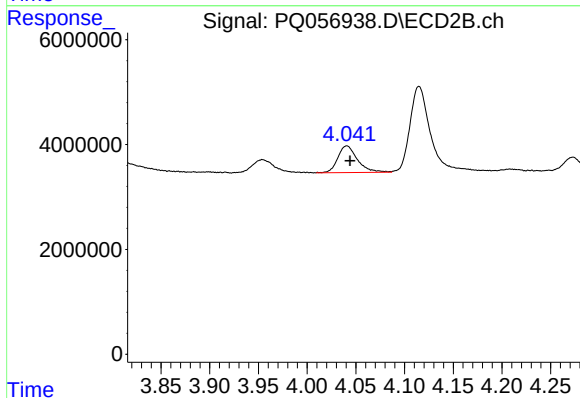
R.T.: 3.954 min
Delta R.T.: -0.006 min
Response: 3850647
Conc: 33.75 ng/ml



#9 AR-1221-2

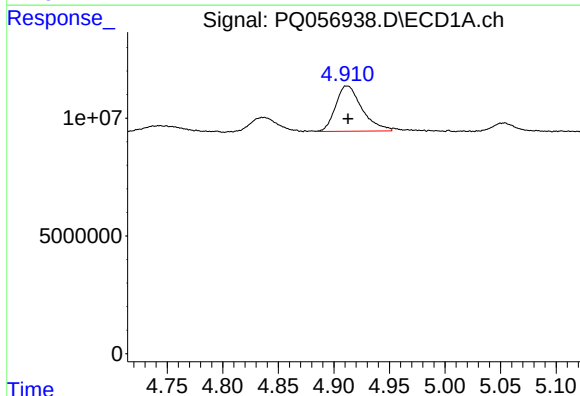
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 10896646
Conc: 88.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



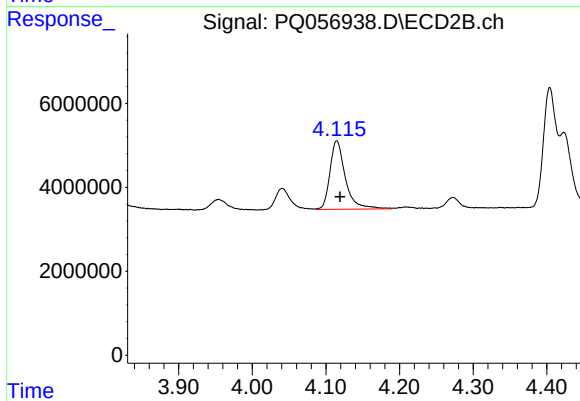
#9 AR-1221-2

R.T.: 4.041 min
Delta R.T.: -0.004 min
Response: 7160382
Conc: 90.45 ng/ml



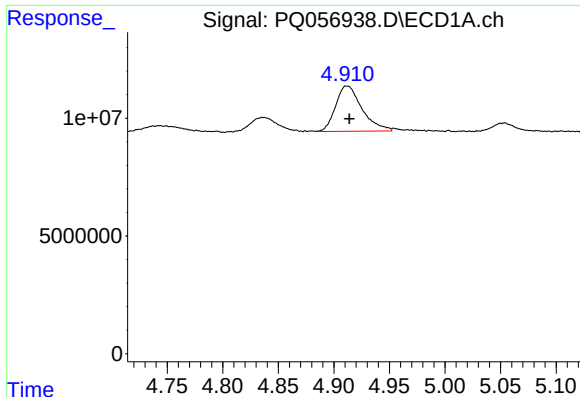
#10 AR-1221-3

R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 31765773
Conc: 76.04 ng/ml



#10 AR-1221-3

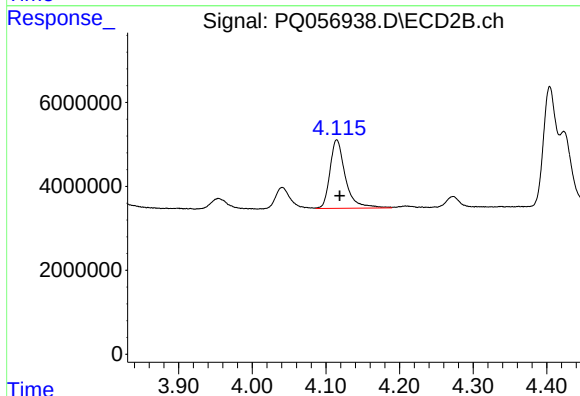
R.T.: 4.115 min
Delta R.T.: -0.004 min
Response: 23840882
Conc: 85.95 ng/ml



#11 AR-1232-1

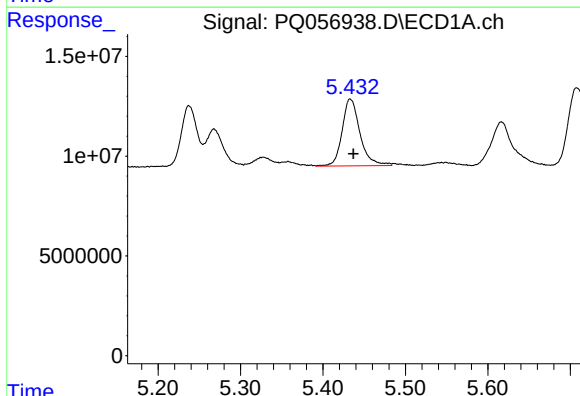
R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 31765773
Conc: 90.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



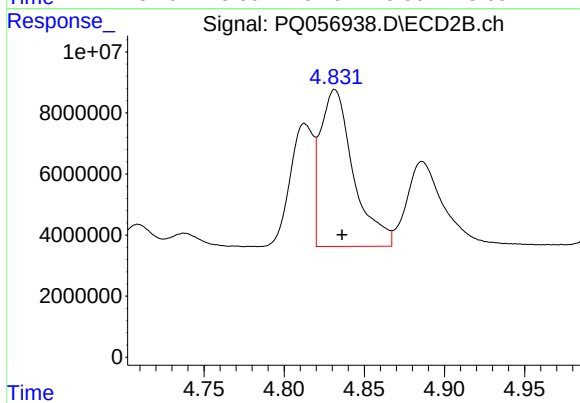
#11 AR-1232-1

R.T.: 4.115 min
Delta R.T.: -0.004 min
Response: 23840882
Conc: 104.81 ng/ml



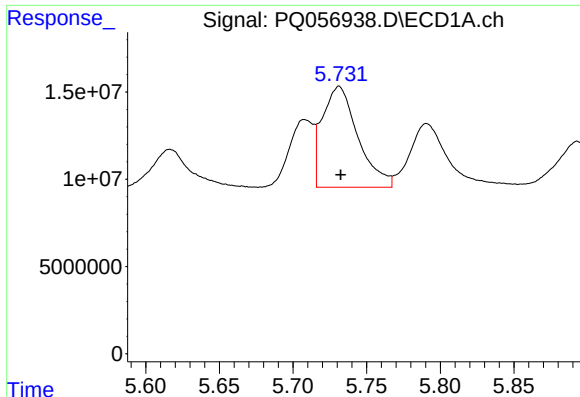
#12 AR-1232-2

R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 50375113
Conc: 200.45 ng/ml



#12 AR-1232-2

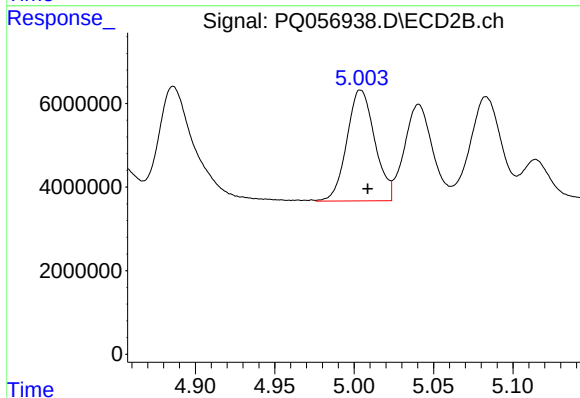
R.T.: 4.832 min
Delta R.T.: -0.005 min
Response: 73649529
Conc: 312.70 ng/ml



#13 AR-1232-3

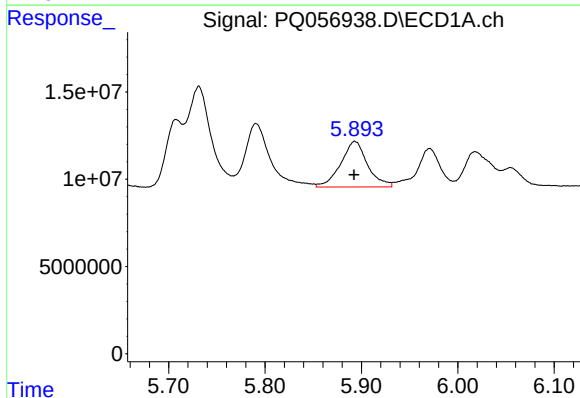
R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 97167770
Conc: 272.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



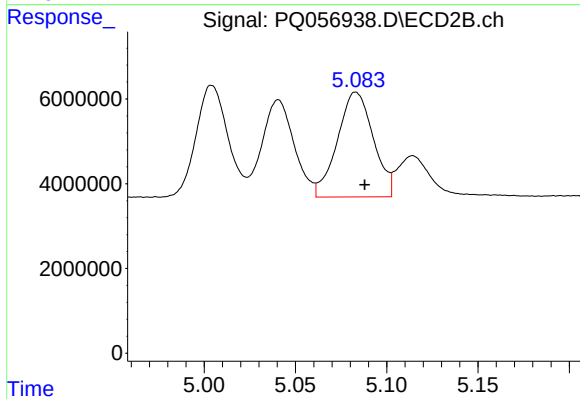
#13 AR-1232-3

R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 32495249
Conc: 279.86 ng/ml



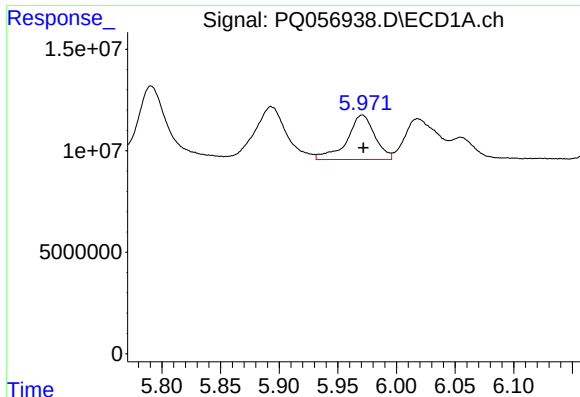
#14 AR-1232-4

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 50370087
Conc: 274.90 ng/ml



#14 AR-1232-4

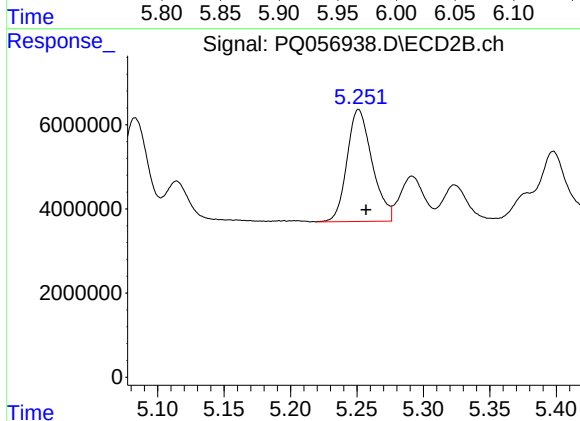
R.T.: 5.083 min
Delta R.T.: -0.005 min
Response: 33929115
Conc: 348.05 ng/ml



#15 AR-1232-5

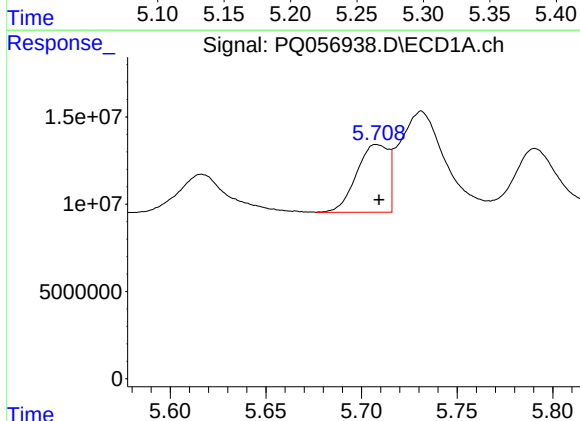
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 36482853
Conc: 127.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



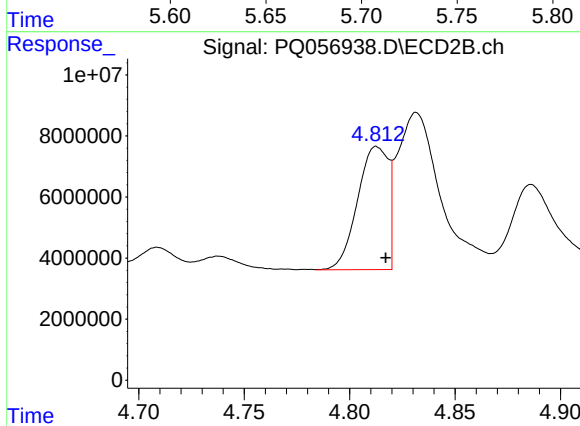
#15 AR-1232-5

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 35016732
Conc: 340.84 ng/ml



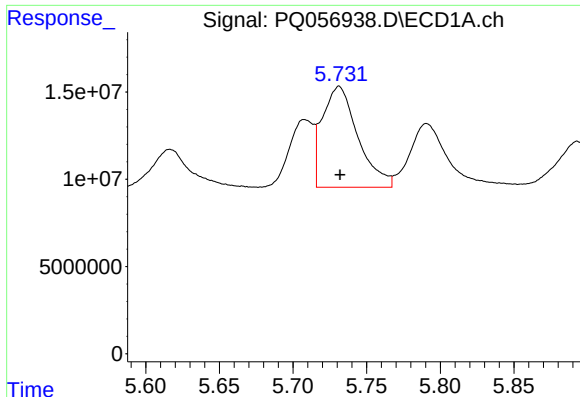
#16 AR-1242-1

R.T.: 5.708 min
Delta R.T.: -0.002 min
Response: 45069781
Conc: 115.75 ng/ml



#16 AR-1242-1

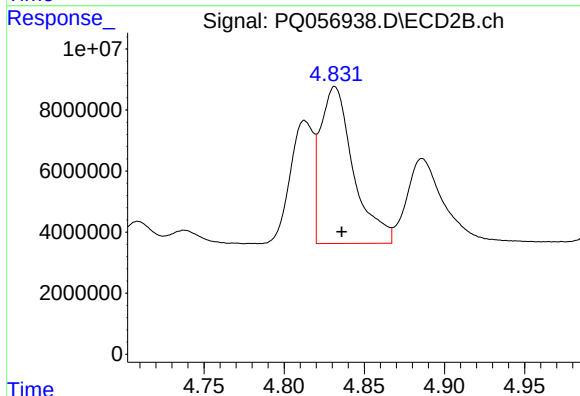
R.T.: 4.813 min
Delta R.T.: -0.004 min
Response: 40747439
Conc: 143.04 ng/ml



#17 AR-1242-2

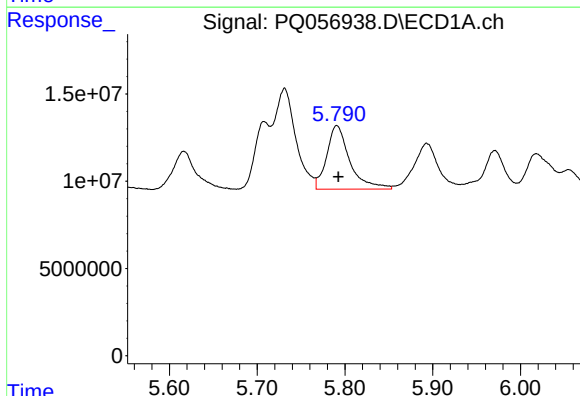
R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 97167770
Conc: 126.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



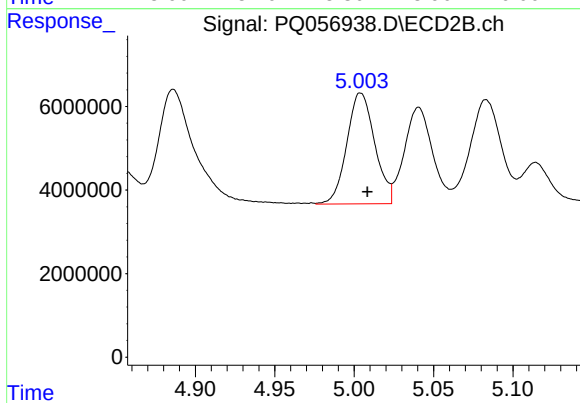
#17 AR-1242-2

R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 73649529
Conc: 145.64 ng/ml



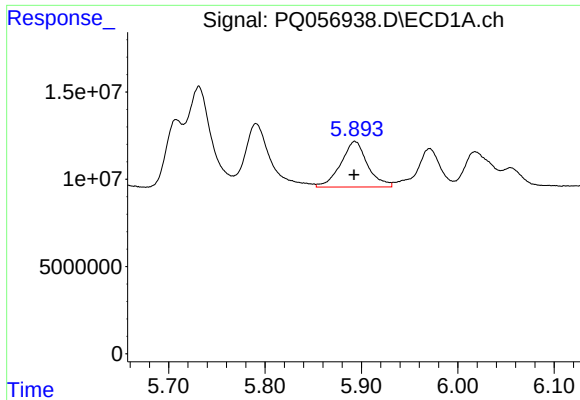
#18 AR-1242-3

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 66529739
Conc: 131.19 ng/ml



#18 AR-1242-3

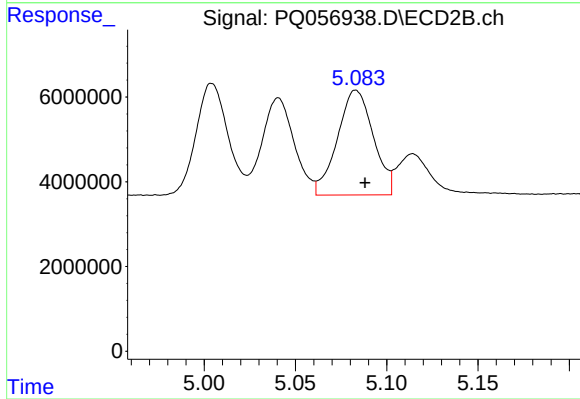
R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 32495249
Conc: 142.75 ng/ml



#19 AR-1242-4

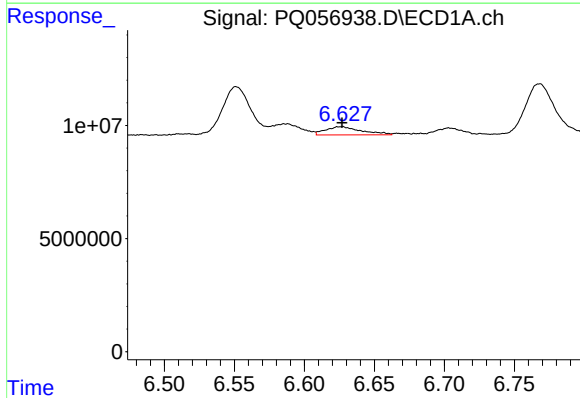
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 50370087
Conc: 129.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



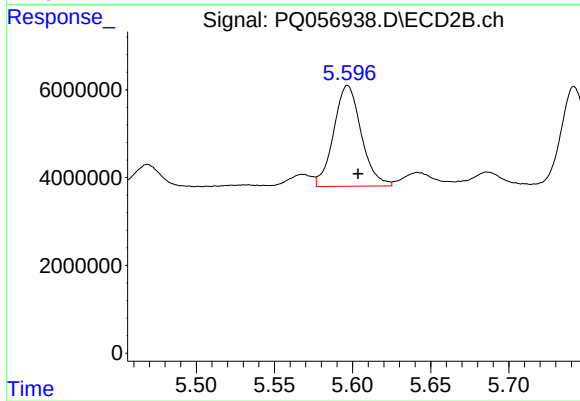
#19 AR-1242-4

R.T.: 5.083 min
Delta R.T.: -0.005 min
Response: 33929115
Conc: 148.39 ng/ml



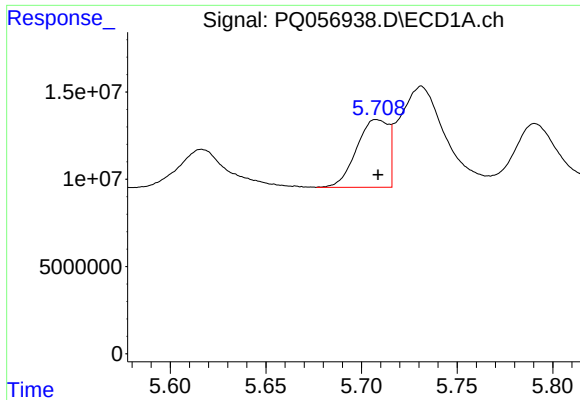
#20 AR-1242-5

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 6401263
Conc: 16.19 ng/ml



#20 AR-1242-5

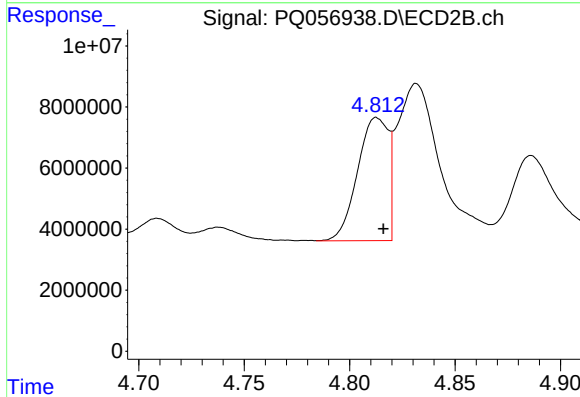
R.T.: 5.597 min
Delta R.T.: -0.007 min
Response: 28184226
Conc: 94.37 ng/ml



#21 AR-1248-1

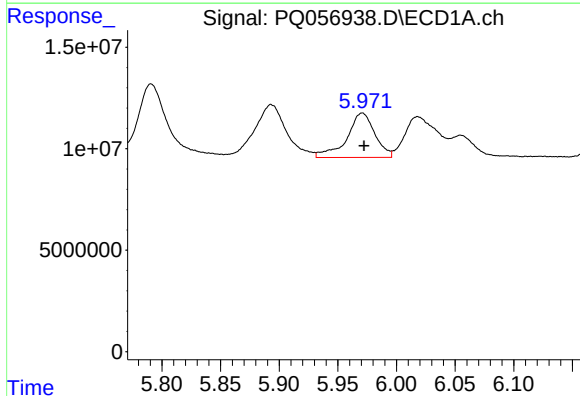
R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 45069781
Conc: 153.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



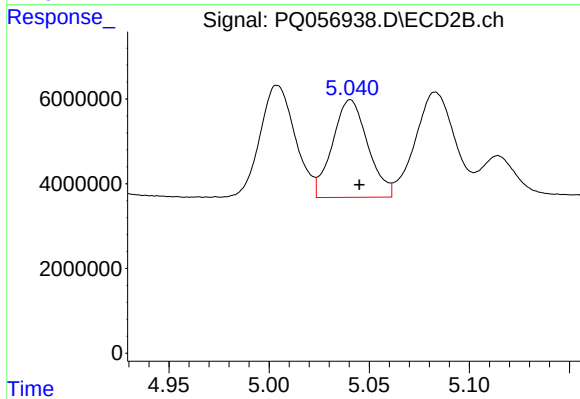
#21 AR-1248-1

R.T.: 4.813 min
Delta R.T.: -0.003 min
Response: 40747439
Conc: 182.56 ng/ml



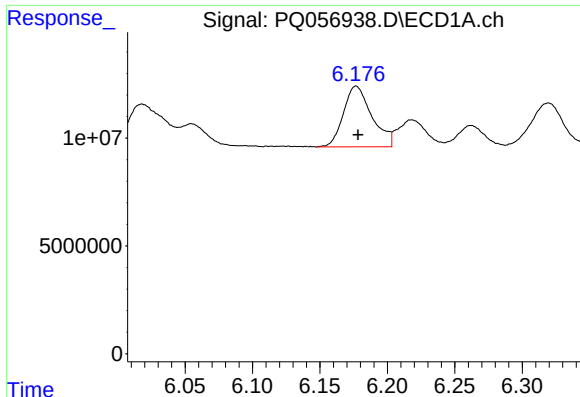
#22 AR-1248-2

R.T.: 5.971 min
Delta R.T.: -0.001 min
Response: 36482853
Conc: 67.97 ng/ml



#22 AR-1248-2

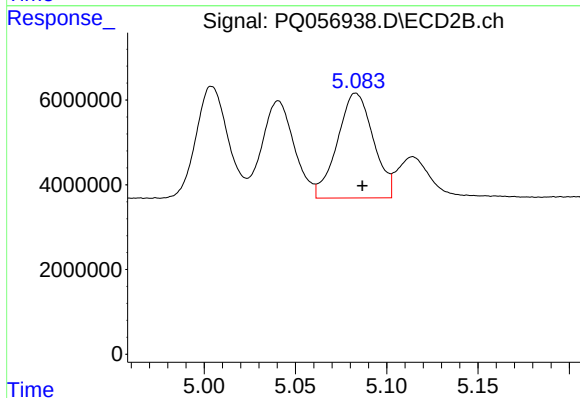
R.T.: 5.041 min
Delta R.T.: -0.004 min
Response: 28349176
Conc: 85.03 ng/ml



#23 AR-1248-3

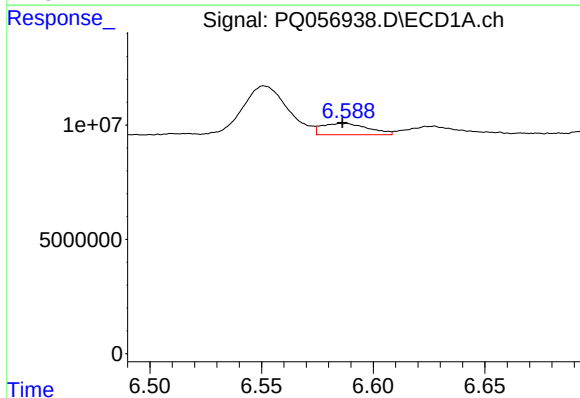
R.T.: 6.177 min
Delta R.T.: -0.001 min
Response: 41335629
Conc: 65.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



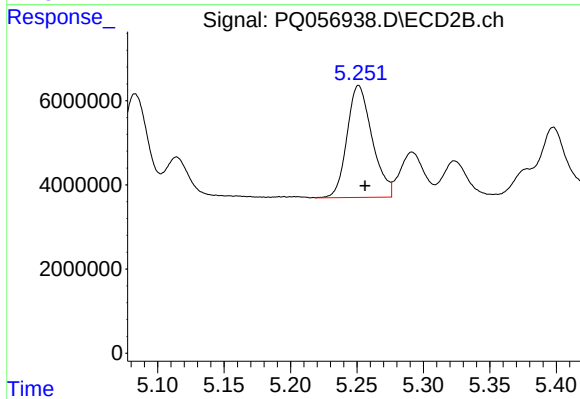
#23 AR-1248-3

R.T.: 5.083 min
Delta R.T.: -0.004 min
Response: 33929115
Conc: 96.84 ng/ml



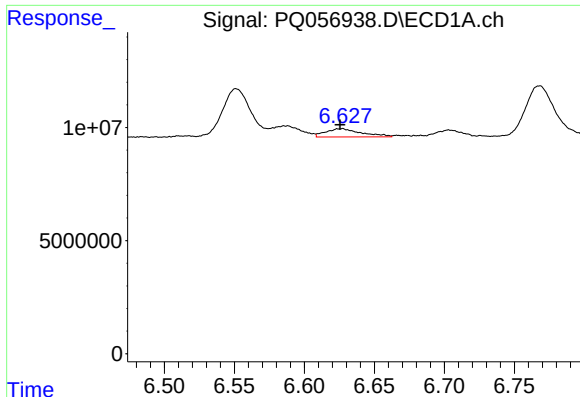
#24 AR-1248-4

R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 7117678
Conc: 10.88 ng/ml



#24 AR-1248-4

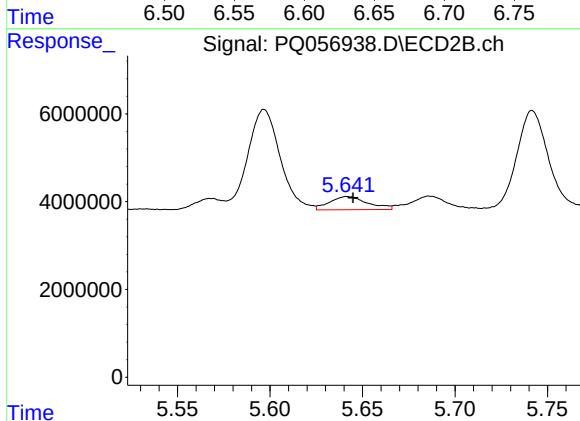
R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 35016732
Conc: 83.82 ng/ml



#25 AR-1248-5

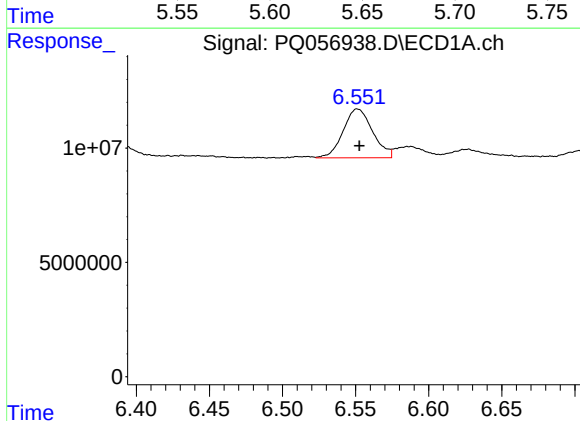
R.T.: 6.627 min
Delta R.T.: 0.002 min
Response: 6401263
Conc: 9.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



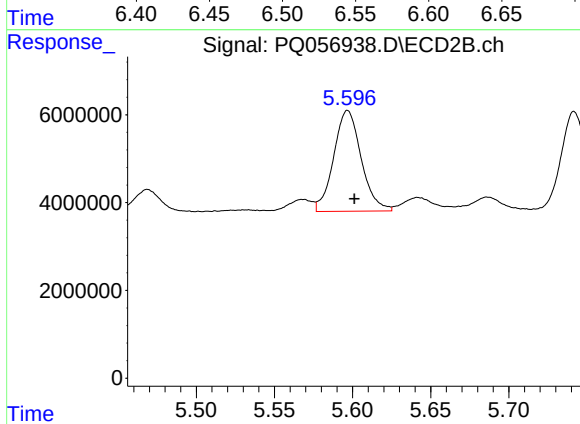
#25 AR-1248-5

R.T.: 5.642 min
Delta R.T.: -0.003 min
Response: 4315056
Conc: 9.63 ng/ml



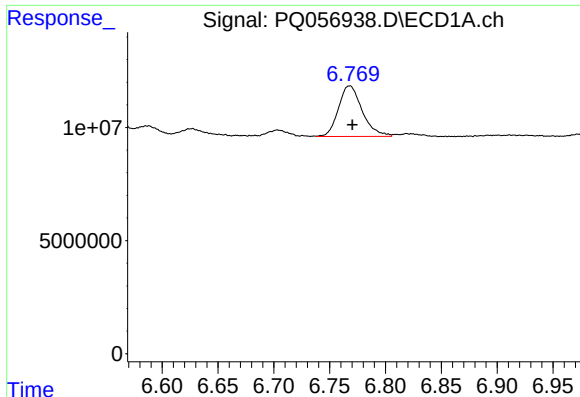
#26 AR-1254-1

R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 29971101
Conc: 46.55 ng/ml



#26 AR-1254-1

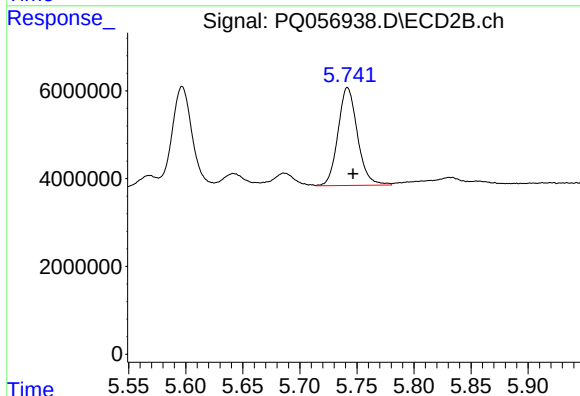
R.T.: 5.597 min
Delta R.T.: -0.004 min
Response: 28184226
Conc: 42.27 ng/ml



#27 AR-1254-2

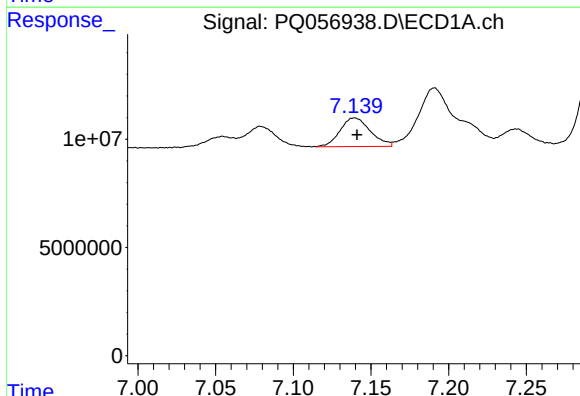
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 33234089
Conc: 33.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



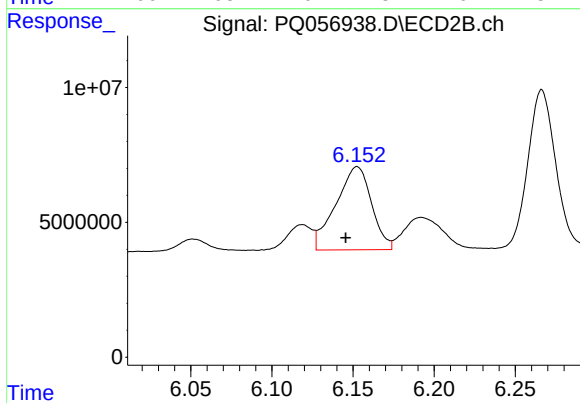
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: -0.005 min
Response: 26472321
Conc: 48.21 ng/ml



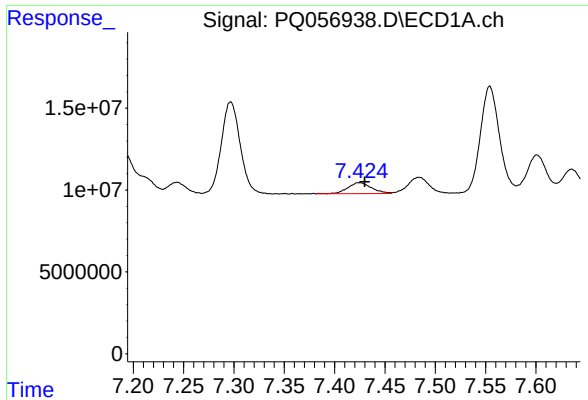
#28 AR-1254-3

R.T.: 7.140 min
Delta R.T.: -0.002 min
Response: 17917756
Conc: 16.18 ng/ml



#28 AR-1254-3

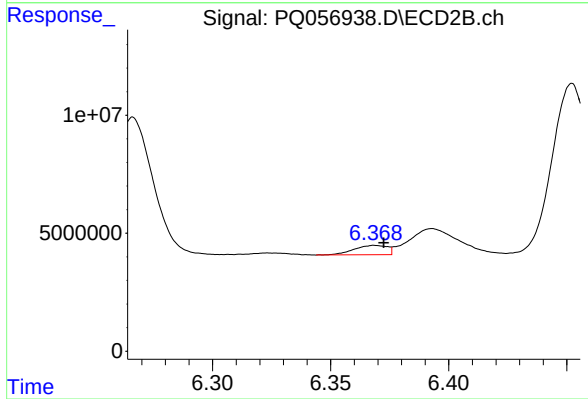
R.T.: 6.153 min
Delta R.T.: 0.007 min
Response: 47157546
Conc: 50.74 ng/ml



#29 AR-1254-4

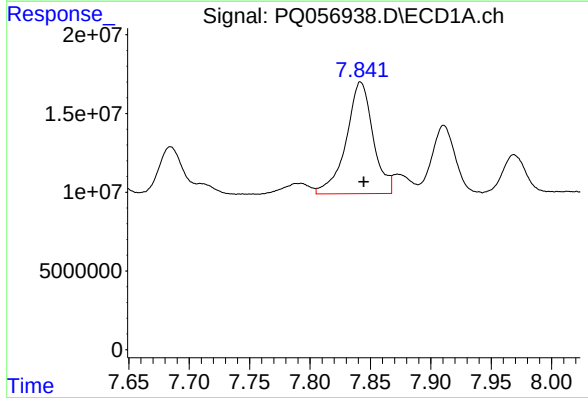
R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 11117298
Conc: 15.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



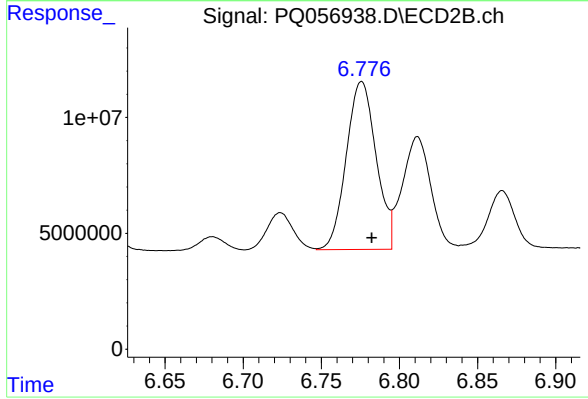
#29 AR-1254-4

R.T.: 6.369 min
Delta R.T.: -0.004 min
Response: 3878640
Conc: 5.74 ng/ml



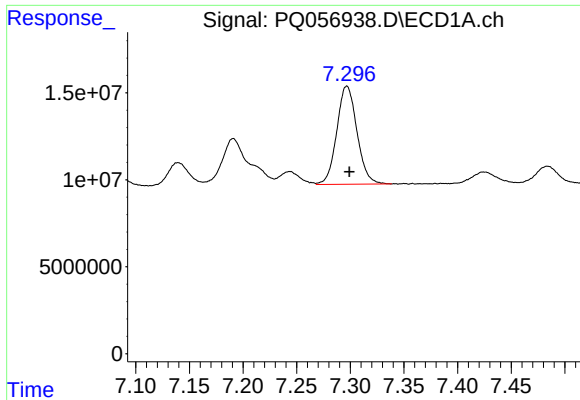
#30 AR-1254-5

R.T.: 7.842 min
Delta R.T.: -0.003 min
Response: 109627130
Conc: 129.61 ng/ml



#30 AR-1254-5

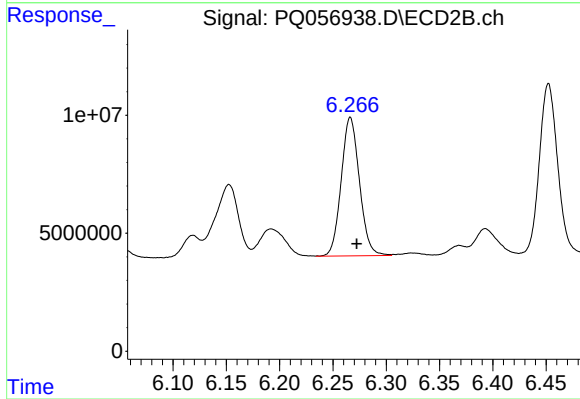
R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 96229713
Conc: 117.80 ng/ml



#31 AR-1260-1

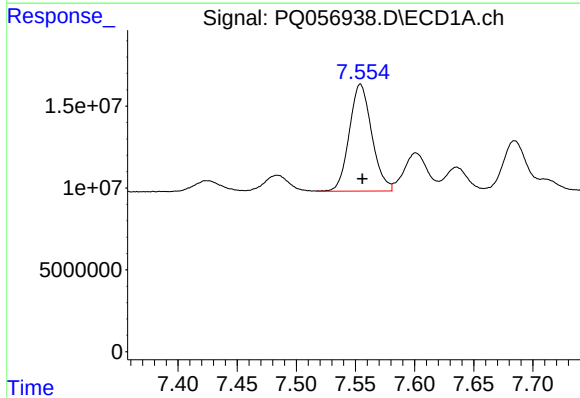
R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 74120406
Conc: 115.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



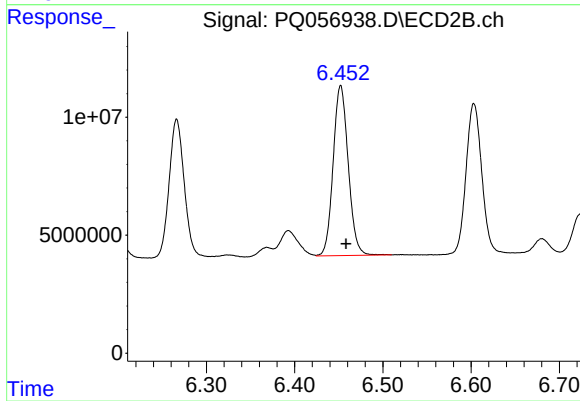
#31 AR-1260-1

R.T.: 6.266 min
Delta R.T.: -0.006 min
Response: 70077811
Conc: 128.29 ng/ml



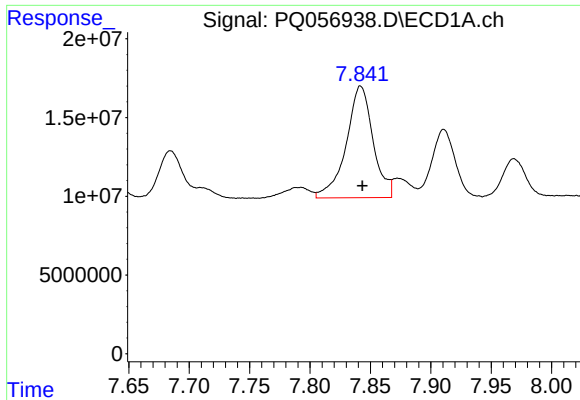
#32 AR-1260-2

R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 86281939
Conc: 117.07 ng/ml



#32 AR-1260-2

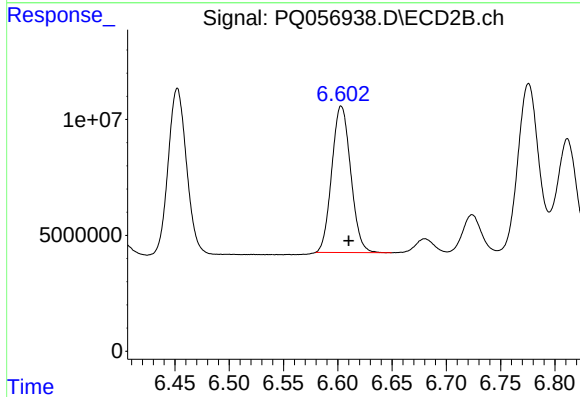
R.T.: 6.452 min
Delta R.T.: -0.006 min
Response: 85507943
Conc: 128.49 ng/ml



#33 AR-1260-3

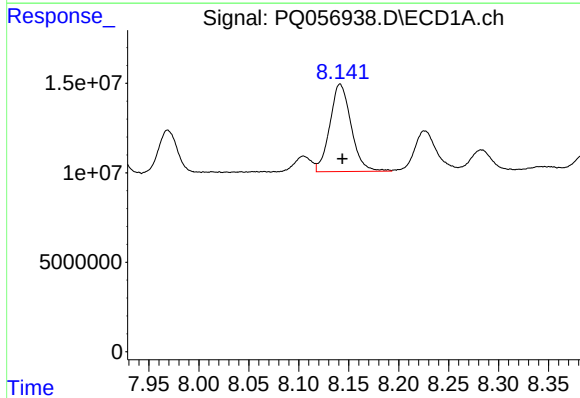
R.T.: 7.842 min
Delta R.T.: -0.002 min
Response: 109627130
Conc: 117.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



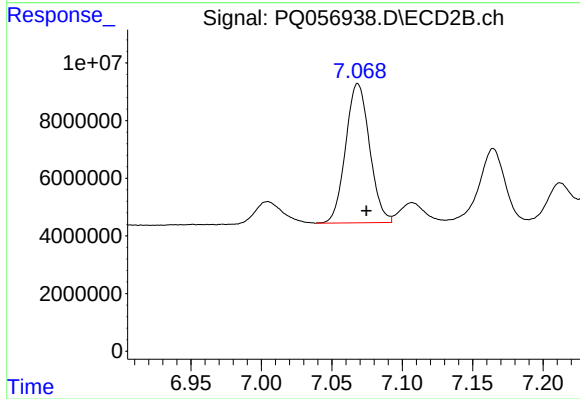
#33 AR-1260-3

R.T.: 6.603 min
Delta R.T.: -0.007 min
Response: 76635428
Conc: 123.85 ng/ml



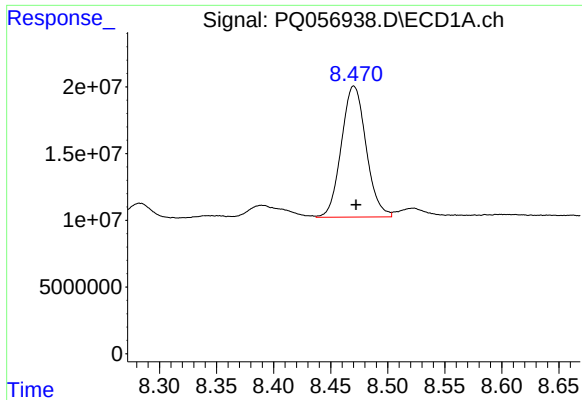
#34 AR-1260-4

R.T.: 8.141 min
Delta R.T.: -0.003 min
Response: 72356206
Conc: 104.80 ng/ml



#34 AR-1260-4

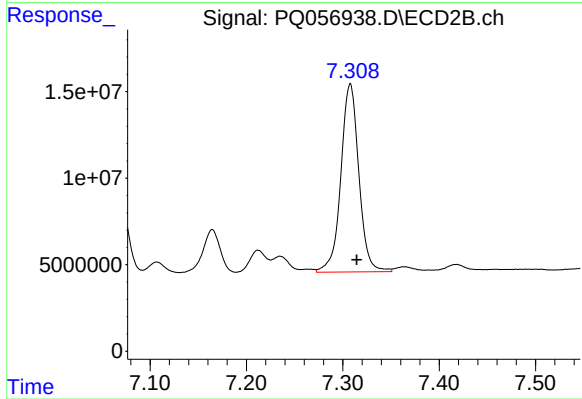
R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 57099846
Conc: 107.99 ng/ml



#35 AR-1260-5

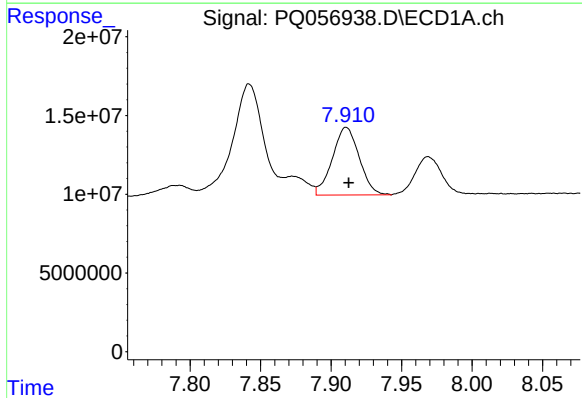
R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 148357365
Conc: 106.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



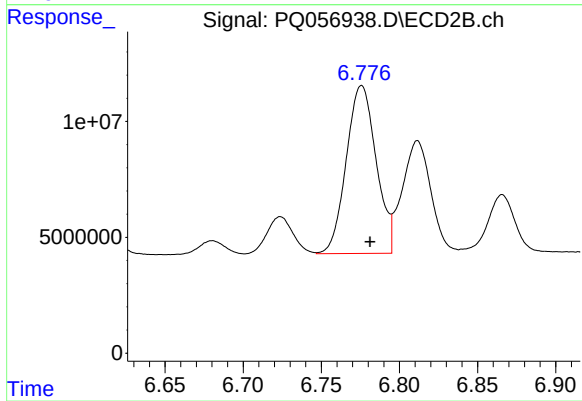
#35 AR-1260-5

R.T.: 7.308 min
Delta R.T.: -0.007 min
Response: 140562286
Conc: 107.39 ng/ml



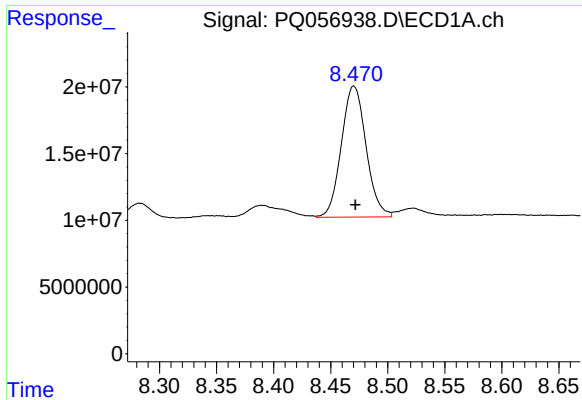
#36 AR-1262-1

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 56994920
Conc: 56.85 ng/ml



#36 AR-1262-1

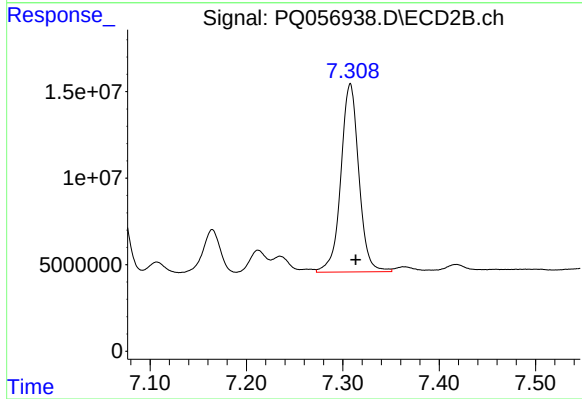
R.T.: 6.776 min
Delta R.T.: -0.005 min
Response: 96229713
Conc: 227.25 ng/ml



#37 AR-1262-2

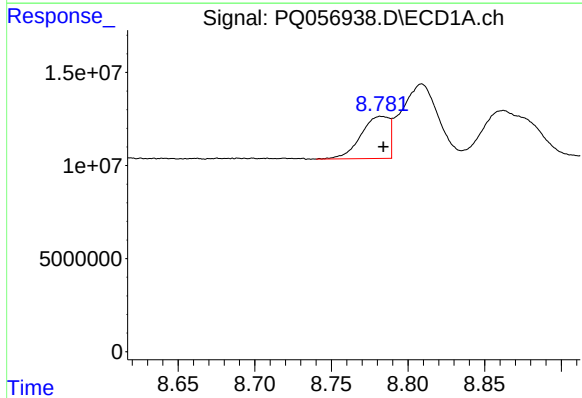
R.T.: 8.470 min
Delta R.T.: -0.001 min
Response: 148357365
Conc: 80.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



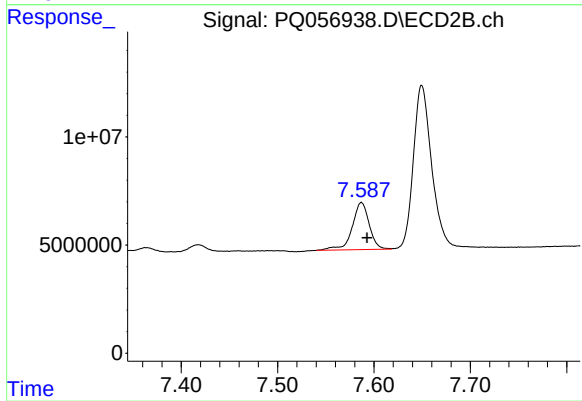
#37 AR-1262-2

R.T.: 7.308 min
Delta R.T.: -0.005 min
Response: 140562286
Conc: 88.03 ng/ml



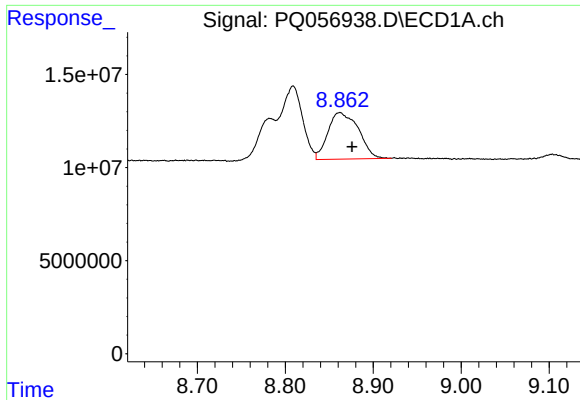
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: -0.001 min
Response: 29046657
Conc: 35.99 ng/ml



#38 AR-1262-3

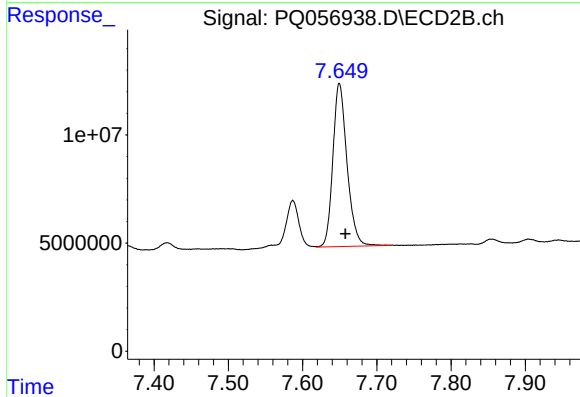
R.T.: 7.587 min
Delta R.T.: -0.006 min
Response: 26747071
Conc: 41.69 ng/ml



#39 AR-1262-4

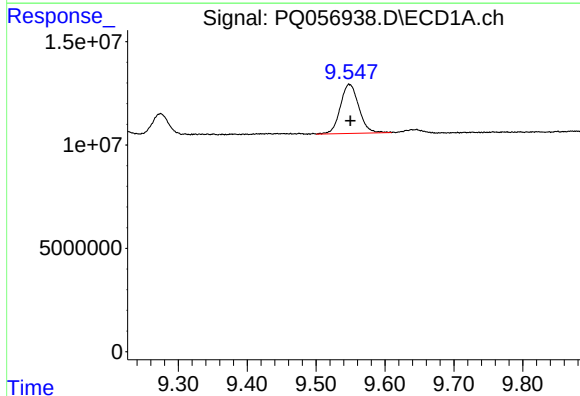
R.T.: 8.862 min
Delta R.T.: -0.014 min
Response: 60409961
Conc: 100.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



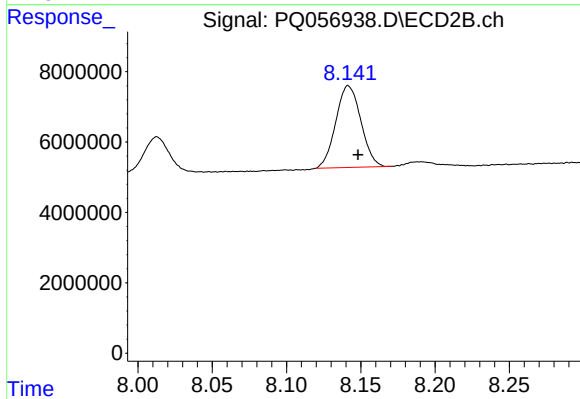
#39 AR-1262-4

R.T.: 7.650 min
Delta R.T.: -0.008 min
Response: 99734011
Conc: 84.53 ng/ml



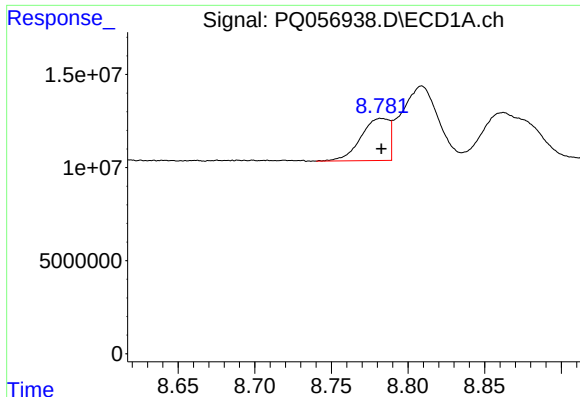
#40 AR-1262-5

R.T.: 9.548 min
Delta R.T.: -0.002 min
Response: 44145041
Conc: 65.55 ng/ml



#40 AR-1262-5

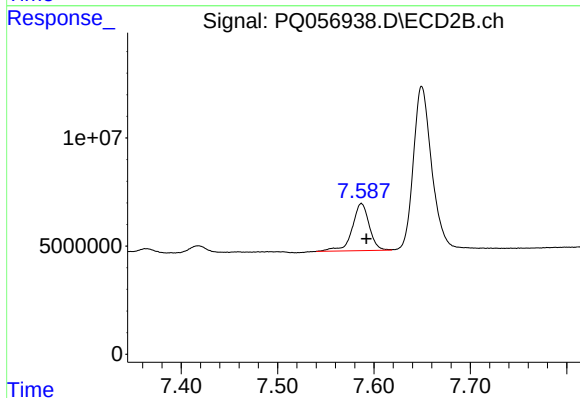
R.T.: 8.142 min
Delta R.T.: -0.006 min
Response: 27283217
Conc: 54.33 ng/ml



#41 AR-1268-1

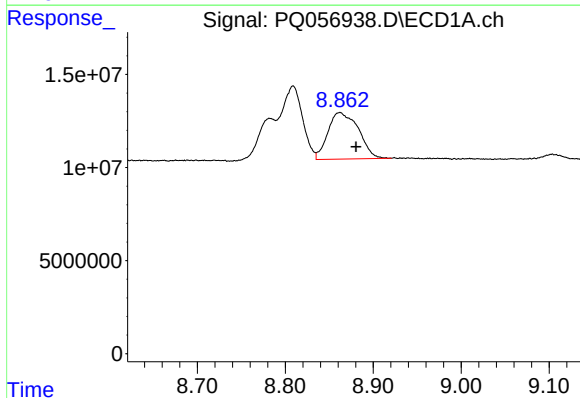
R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 29046657
Conc: 13.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



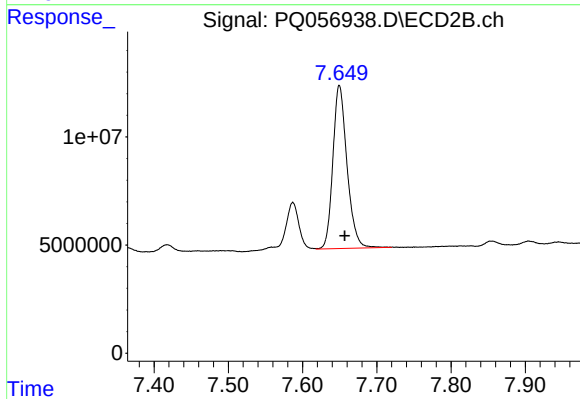
#41 AR-1268-1

R.T.: 7.587 min
Delta R.T.: -0.005 min
Response: 26747071
Conc: 14.50 ng/ml



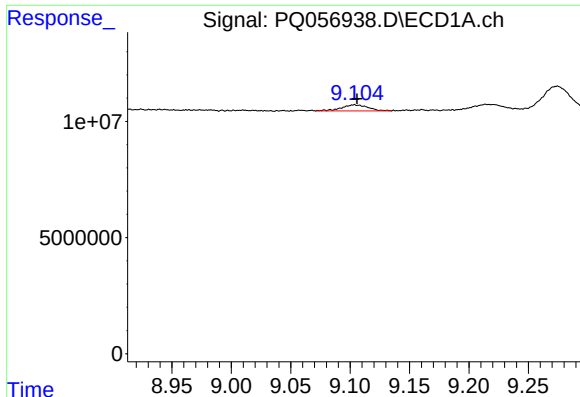
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: -0.018 min
Response: 60409961
Conc: 28.74 ng/ml



#42 AR-1268-2

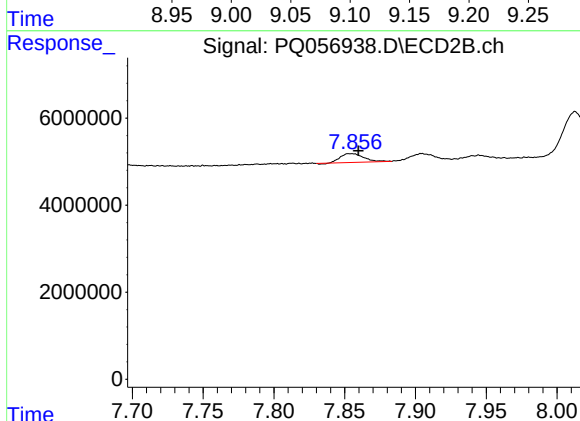
R.T.: 7.650 min
Delta R.T.: -0.007 min
Response: 99734011
Conc: 59.29 ng/ml



#43 AR-1268-3

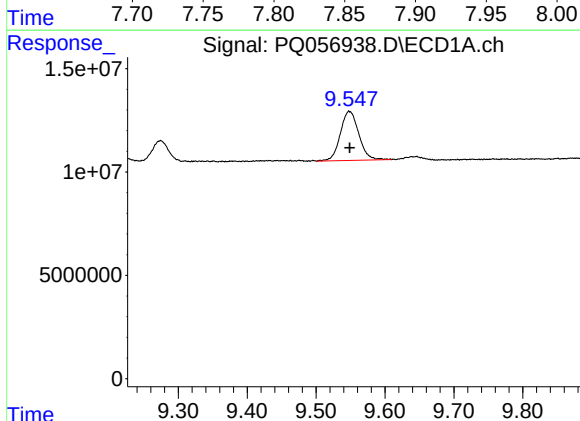
R.T.: 9.103 min
Delta R.T.: -0.003 min
Response: 4088636
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



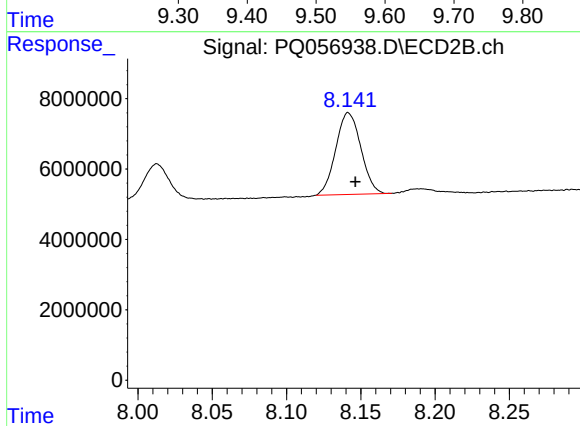
#43 AR-1268-3

R.T.: 7.854 min
Delta R.T.: -0.005 min
Response: 2333806
Conc: 1.82 ng/ml



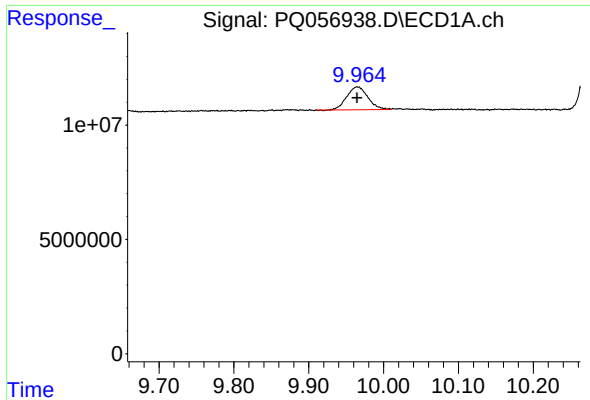
#44 AR-1268-4

R.T.: 9.548 min
Delta R.T.: 0.000 min
Response: 44145041
Conc: 61.37 ng/ml



#44 AR-1268-4

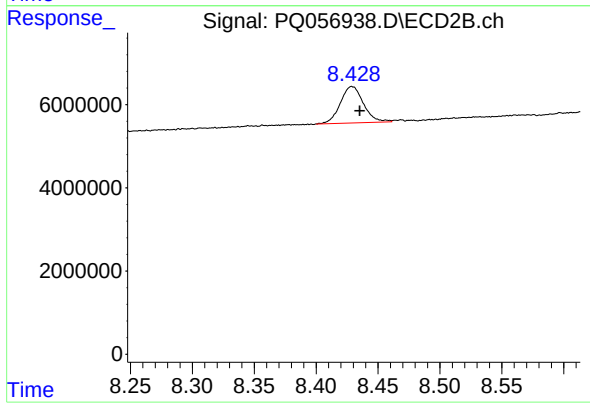
R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 27283217
Conc: 49.54 ng/ml



#45 AR-1268-5

R.T.: 9.965 min
Delta R.T.: 0.000 min
Response: 19658916
Conc: 3.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: -0.006 min
Response: 11366561
Conc: 2.54 ng/ml