

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090820\
 Data File : PQ049727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2020 13:18
 Operator : DD\AJ
 Sample : L3808-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 17:16:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 28 17:31:13 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.231	4.277	203.8E6	107.1E6	23.343	18.951
2)	SA Decachlor...	11.448	9.636	190.0E6	127.3E6	19.505	20.354
Target Compounds							
3)	L1 AR-1016-1	6.565	5.539	69947503	50336584	230.844	209.573
4)	L1 AR-1016-2	6.589	5.560	98395609	67879837	234.059	209.242
5)	L1 AR-1016-3	6.655	5.754	61393072	36834521	234.235	215.121
6)	L1 AR-1016-4	6.764	5.804	50541003	27870961	229.220	219.758
7)	L1 AR-1016-5	7.078	6.035	35539585	33797224	169.725	199.615
8)	L2 AR-1221-1	5.480	4.533	9081719	4502807	103.734	82.846
9)	L2 AR-1221-2	5.587	4.635	12860205	7712484	202.633	186.057
10)	L2 AR-1221-3	5.675	4.724	41748785	23630191	217.803	180.230
11)	L3 AR-1232-1	5.675	4.724	41748785	23630191	223.935	191.925
12)	L3 AR-1232-2	6.268	5.560	56940640	67879837	602.274	502.377
13)	L3 AR-1232-3	6.589	5.754	98395609	36834521	548.026	531.722
14)	L3 AR-1232-4	6.764	5.849	50541003	34251930	548.198	590.912
15)	L3 AR-1232-5	6.857	6.035	36202218	33797224	546.605	506.173
16)	L4 AR-1242-1	6.565	5.539	69947503	50336584	320.045	293.562
17)	L4 AR-1242-2	6.589	5.560	98395609	67879837	323.588	290.670
18)	L4 AR-1242-3	6.655	5.754	61393072	36834521	325.575	297.582
19)	L4 AR-1242-4	6.764	5.849	50541003	34251930	318.314	292.156
20)	L4 AR-1242-5	7.548	6.414	8922888	33329942	49.277	195.349 #
21)	L5 AR-1248-1	6.565	5.539	69947503	50336584	401.501	369.722
22)	L5 AR-1248-2	6.857	5.804	36202218	27870961	163.504	165.417
23)	L5 AR-1248-3	7.078	5.849	35539585	34251930	144.630	196.400 #
24)	L5 AR-1248-4	7.508	6.035	8401622	33797224	28.202	160.032 #
25)	L5 AR-1248-5	7.548	6.457	8922888	7930885	31.118	34.675
26)	L6 AR-1254-1	7.477	6.414	36369588	33329942	122.594	93.090
27)	L6 AR-1254-2	7.704	6.572	41901659	33262575	91.265	103.959
28)	L6 AR-1254-3	8.091	7.012	19040113	61198985	39.280	116.730 #
29)	L6 AR-1254-4	8.387	7.232	12661197	10338669	31.851	27.516
30)	L6 AR-1254-5	8.819	7.662	130.4E6	114.2E6	306.210	232.296
31)	L7 AR-1260-1	8.257	7.131	79288236	79098965	208.575	221.723
32)	L7 AR-1260-2	8.522	7.327	96553141	112.3E6	199.695	223.433
33)	L7 AR-1260-3	8.889	7.483	64404131	94172634	160.664	229.758 #
34)	L7 AR-1260-4	9.135	7.968	77843134	67261469	173.771	184.499
35)	L7 AR-1260-5	9.483	8.213	159.2E6	178.9E6	161.756	180.158
36)	L8 AR-1262-1	8.889	7.662	64404131	114.2E6	121.910	434.130 #
37)	L8 AR-1262-2	9.483	8.213	159.2E6	178.9E6	156.680	171.662
38)	L8 AR-1262-3	9.815	8.501	42363039	40167343	88.315	92.238
39)	L8 AR-1262-4	9.900f	8.564	66661461	115.5E6	115.853	161.773 #
40)	L8 AR-1262-5	10.640	9.070	53913722	39301767	128.749	122.215
41)	L9 AR-1268-1	9.815	8.501	42363039	40167343	31.943	32.257

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 ALS Vial : 9 Sample Multiplier: 1

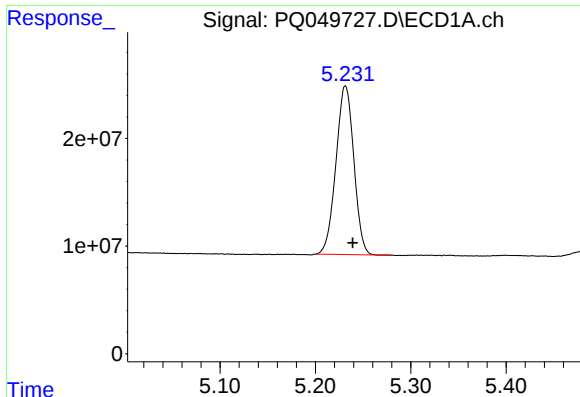
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 17:16:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082820.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.564	0	115.5E6	N.D.	106.536 #
43) L9	AR-1268-3	10.159	8.776	6698578	6210411	6.253	6.887
44) L9	AR-1268-4	10.640	9.070	53913722	39301767	112.939	106.744
45) L9	AR-1268-5	11.087f	9.372	21935336	11816665	7.010	4.904 #

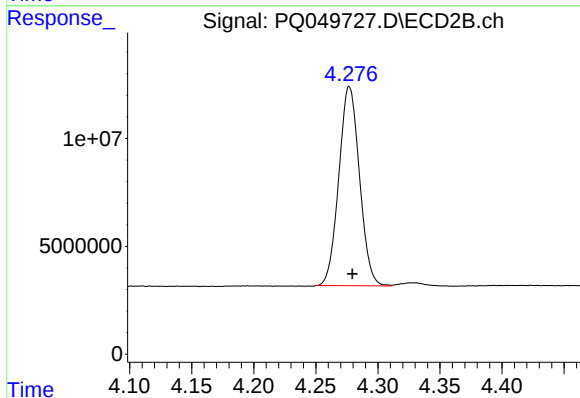
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

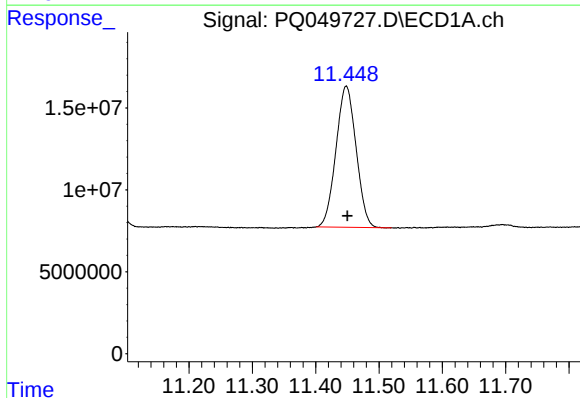
R.T.: 5.231 min
Delta R.T.: -0.008 min
Response: 203843080
Conc: 23.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



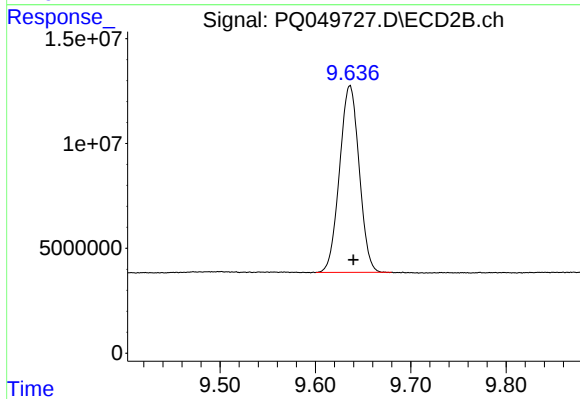
#1 Tetrachloro-m-xylene

R.T.: 4.277 min
Delta R.T.: -0.002 min
Response: 107075205
Conc: 18.95 ng/ml



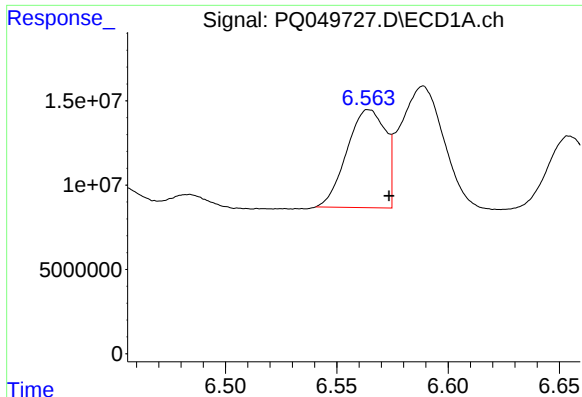
#2 Decachlorobiphenyl

R.T.: 11.448 min
Delta R.T.: -0.002 min
Response: 189978882
Conc: 19.51 ng/ml



#2 Decachlorobiphenyl

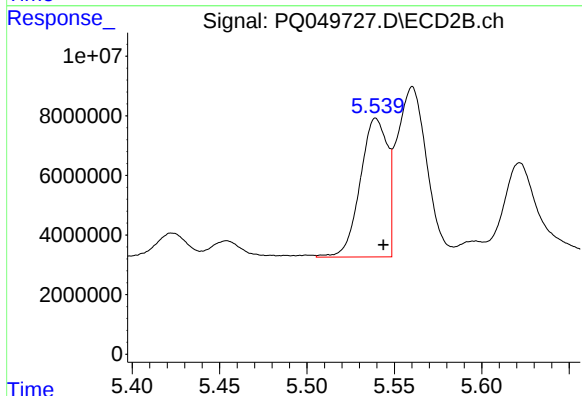
R.T.: 9.636 min
Delta R.T.: -0.004 min
Response: 127320184
Conc: 20.35 ng/ml



#3 AR-1016-1

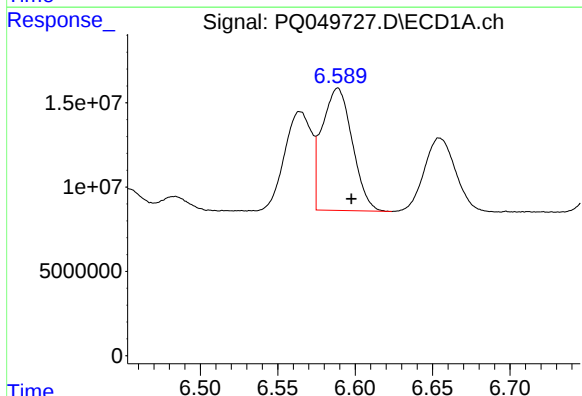
R.T.: 6.565 min
Delta R.T.: -0.009 min
Response: 69947503
Conc: 230.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



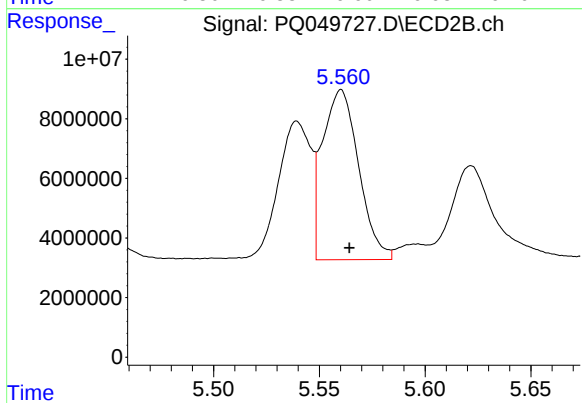
#3 AR-1016-1

R.T.: 5.539 min
Delta R.T.: -0.004 min
Response: 50336584
Conc: 209.57 ng/ml



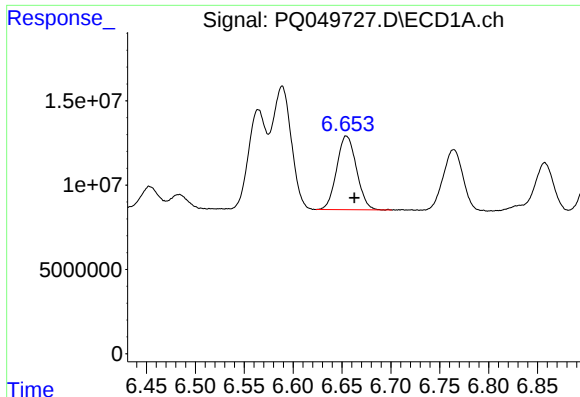
#4 AR-1016-2

R.T.: 6.589 min
Delta R.T.: -0.009 min
Response: 98395609
Conc: 234.06 ng/ml



#4 AR-1016-2

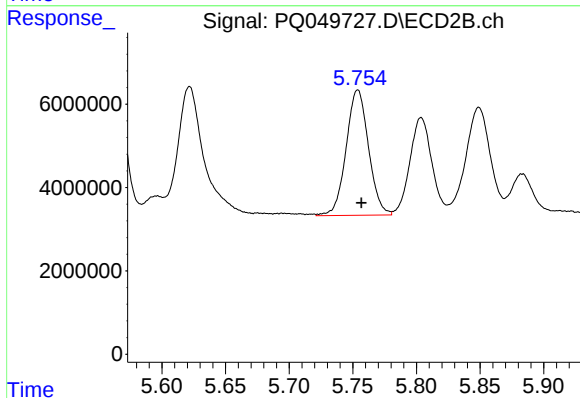
R.T.: 5.560 min
Delta R.T.: -0.004 min
Response: 67879837
Conc: 209.24 ng/ml



#5 AR-1016-3

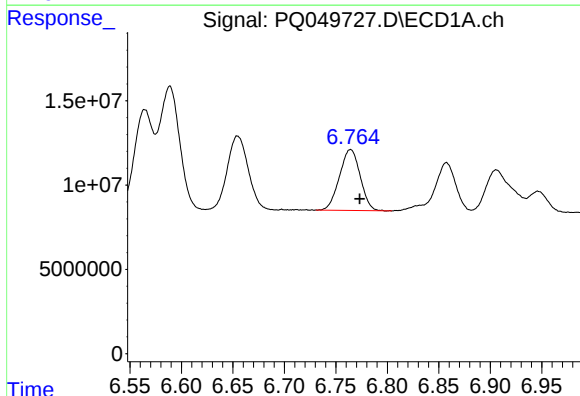
R.T.: 6.655 min
Delta R.T.: -0.008 min
Response: 61393072
Conc: 234.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



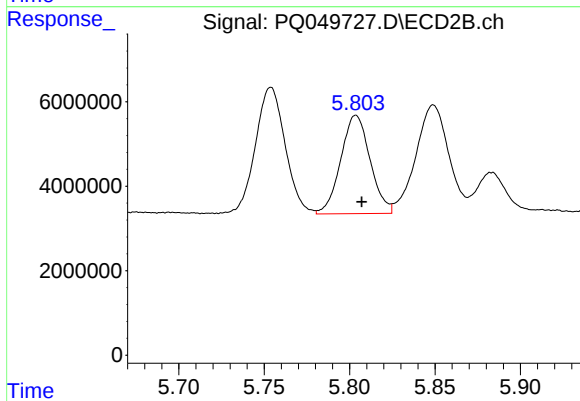
#5 AR-1016-3

R.T.: 5.754 min
Delta R.T.: -0.003 min
Response: 36834521
Conc: 215.12 ng/ml



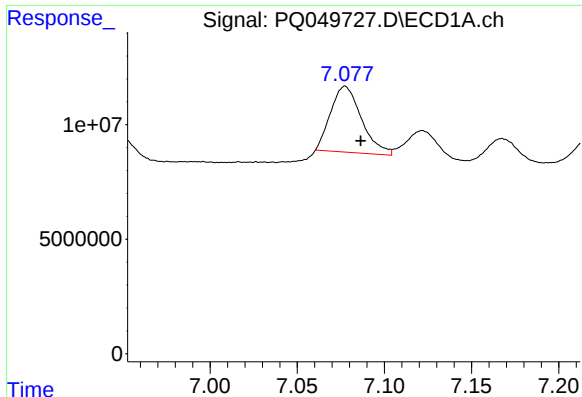
#6 AR-1016-4

R.T.: 6.764 min
Delta R.T.: -0.009 min
Response: 50541003
Conc: 229.22 ng/ml



#6 AR-1016-4

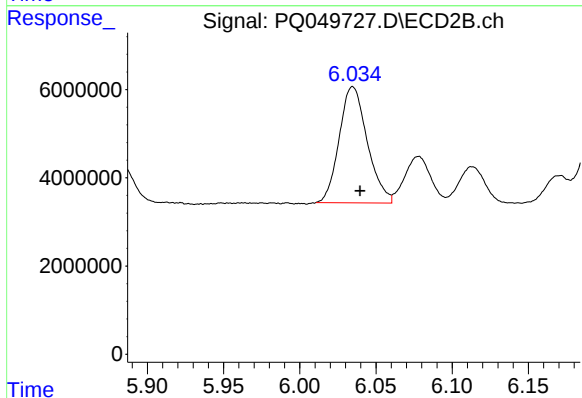
R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 27870961
Conc: 219.76 ng/ml



#7 AR-1016-5

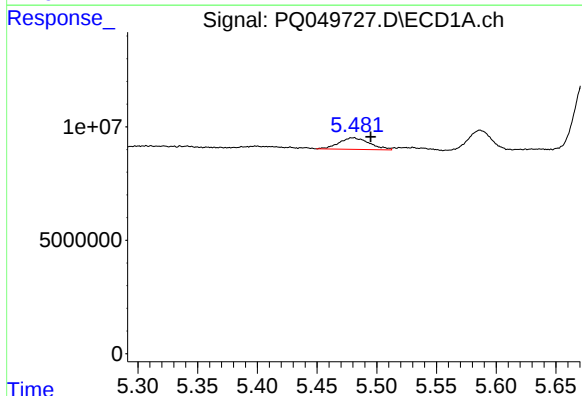
R.T.: 7.078 min
Delta R.T.: -0.009 min
Response: 35539585
Conc: 169.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



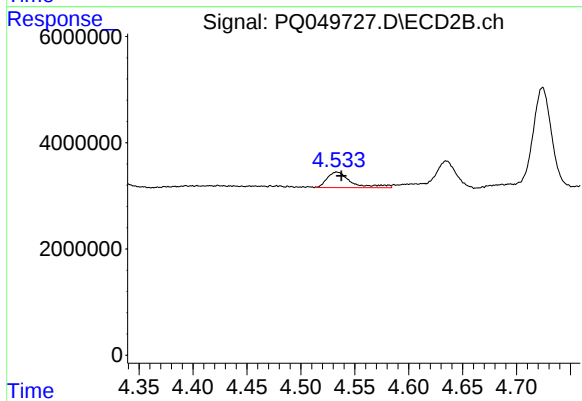
#7 AR-1016-5

R.T.: 6.035 min
Delta R.T.: -0.005 min
Response: 33797224
Conc: 199.62 ng/ml



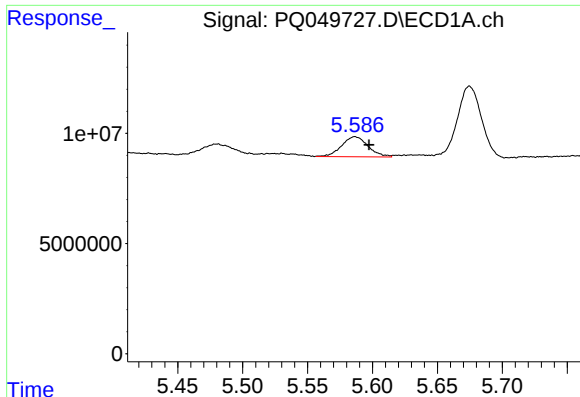
#8 AR-1221-1

R.T.: 5.480 min
Delta R.T.: -0.015 min
Response: 9081719
Conc: 103.73 ng/ml



#8 AR-1221-1

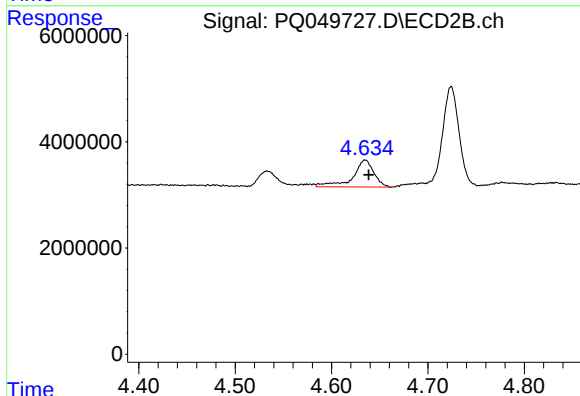
R.T.: 4.533 min
Delta R.T.: -0.004 min
Response: 4502807
Conc: 82.85 ng/ml



#9 AR-1221-2

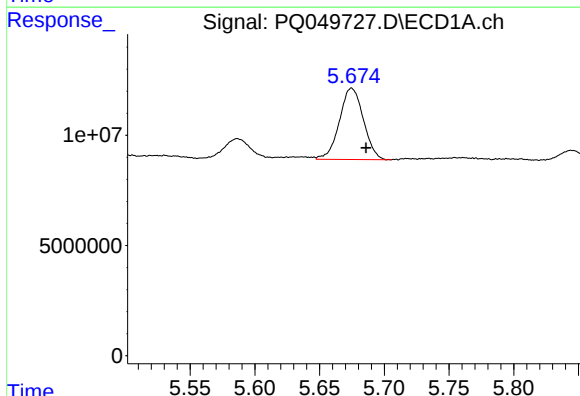
R.T.: 5.587 min
Delta R.T.: -0.011 min
Response: 12860205
Conc: 202.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



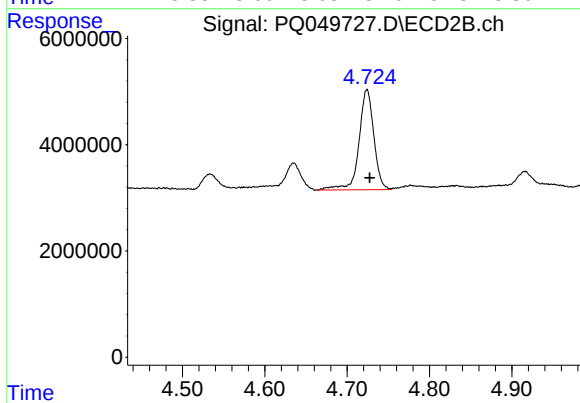
#9 AR-1221-2

R.T.: 4.635 min
Delta R.T.: -0.003 min
Response: 7712484
Conc: 186.06 ng/ml



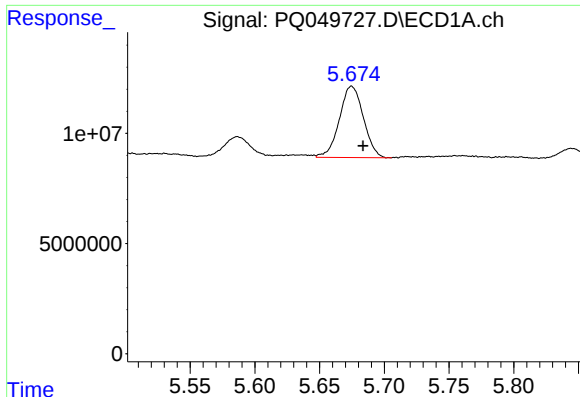
#10 AR-1221-3

R.T.: 5.675 min
Delta R.T.: -0.011 min
Response: 41748785
Conc: 217.80 ng/ml



#10 AR-1221-3

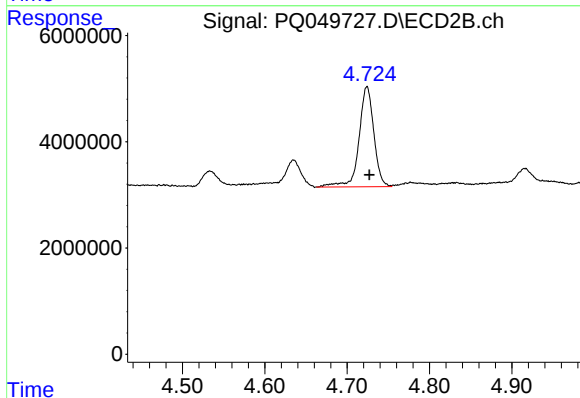
R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 23630191
Conc: 180.23 ng/ml



#11 AR-1232-1

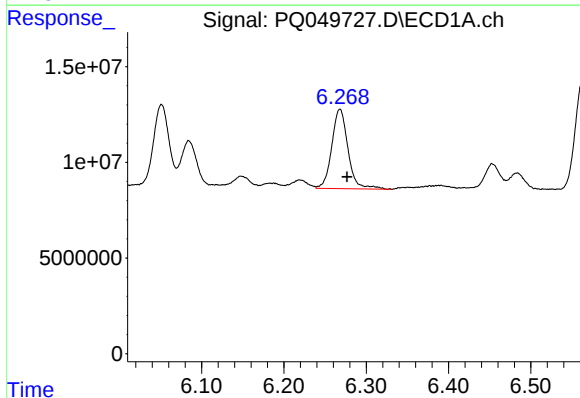
R.T.: 5.675 min
Delta R.T.: -0.009 min
Response: 41748785
Conc: 223.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



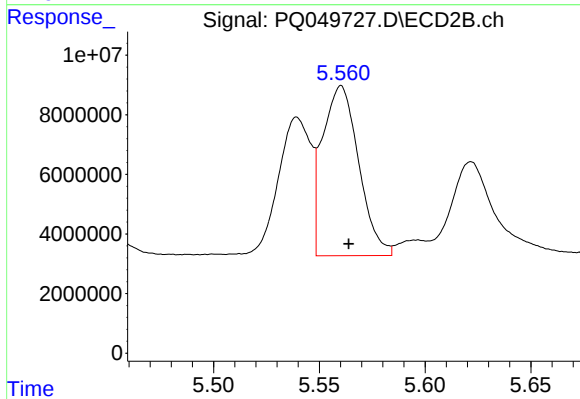
#11 AR-1232-1

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 23630191
Conc: 191.93 ng/ml



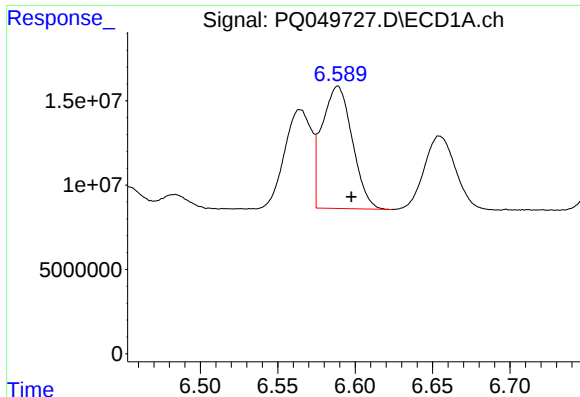
#12 AR-1232-2

R.T.: 6.268 min
Delta R.T.: -0.009 min
Response: 56940640
Conc: 602.27 ng/ml



#12 AR-1232-2

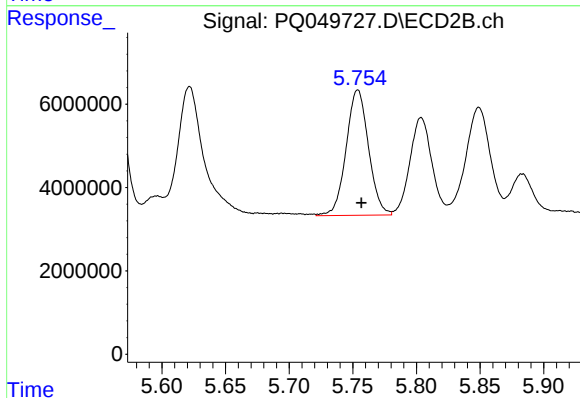
R.T.: 5.560 min
Delta R.T.: -0.004 min
Response: 67879837
Conc: 502.38 ng/ml



#13 AR-1232-3

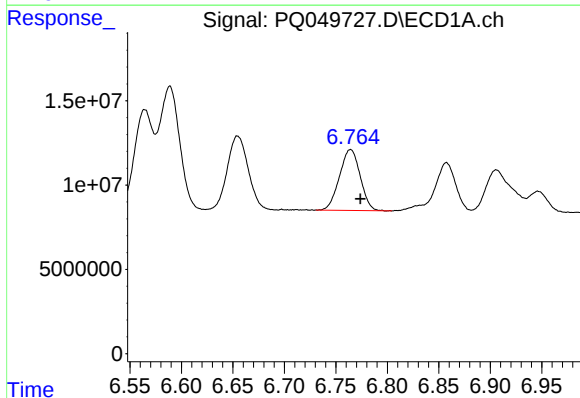
R.T.: 6.589 min
Delta R.T.: -0.009 min
Response: 98395609
Conc: 548.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



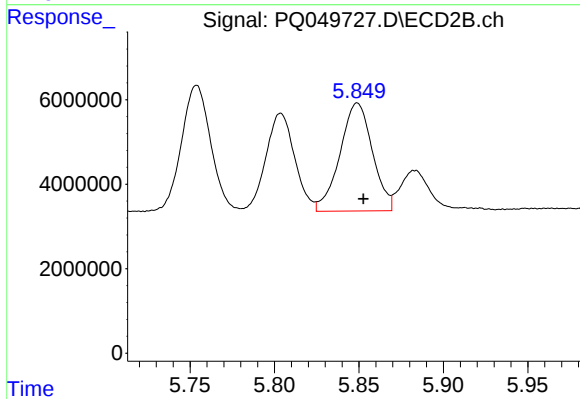
#13 AR-1232-3

R.T.: 5.754 min
Delta R.T.: -0.003 min
Response: 36834521
Conc: 531.72 ng/ml



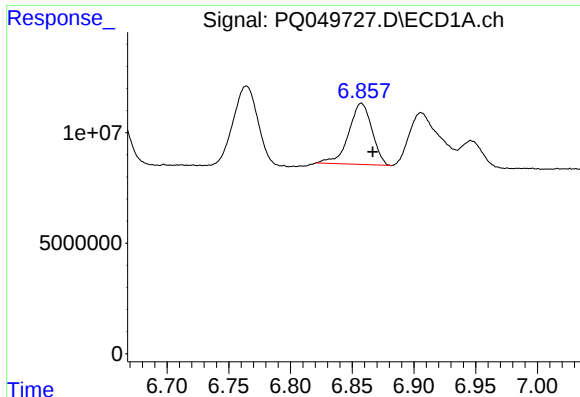
#14 AR-1232-4

R.T.: 6.764 min
Delta R.T.: -0.010 min
Response: 50541003
Conc: 548.20 ng/ml



#14 AR-1232-4

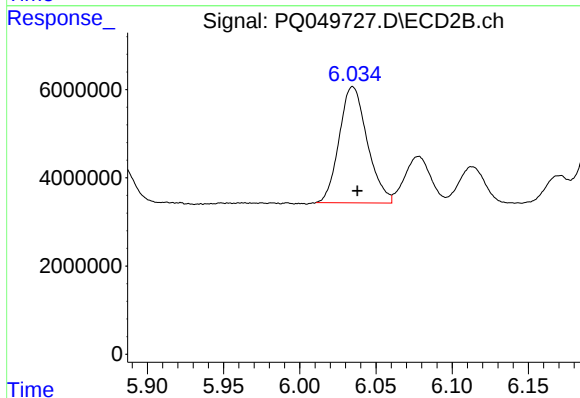
R.T.: 5.849 min
Delta R.T.: -0.004 min
Response: 34251930
Conc: 590.91 ng/ml



#15 AR-1232-5

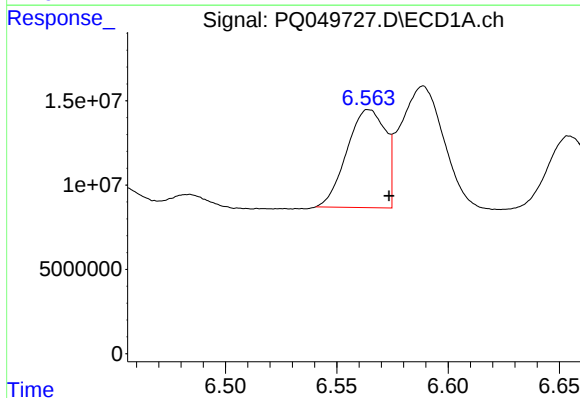
R.T.: 6.857 min
Delta R.T.: -0.009 min
Response: 36202218
Conc: 546.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



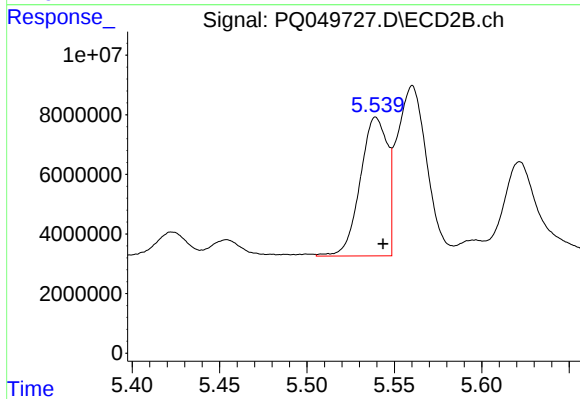
#15 AR-1232-5

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 33797224
Conc: 506.17 ng/ml



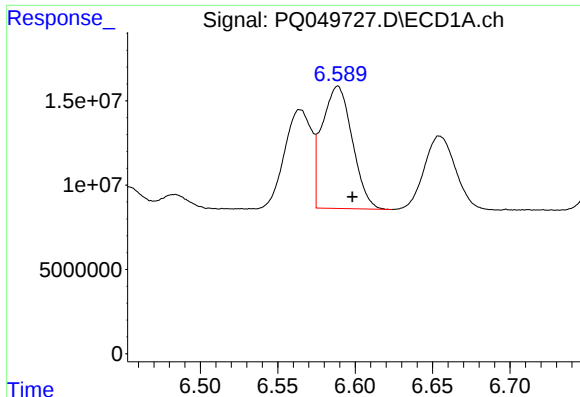
#16 AR-1242-1

R.T.: 6.565 min
Delta R.T.: -0.009 min
Response: 69947503
Conc: 320.04 ng/ml



#16 AR-1242-1

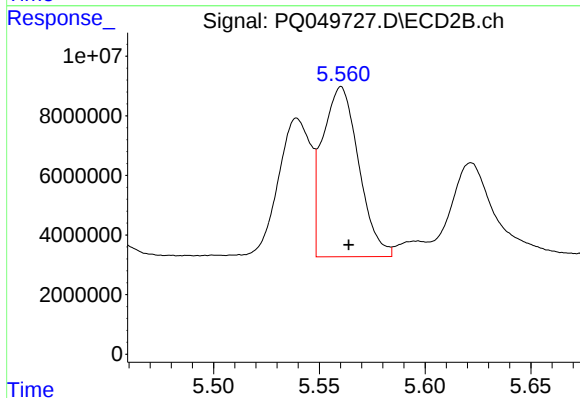
R.T.: 5.539 min
Delta R.T.: -0.004 min
Response: 50336584
Conc: 293.56 ng/ml



#17 AR-1242-2

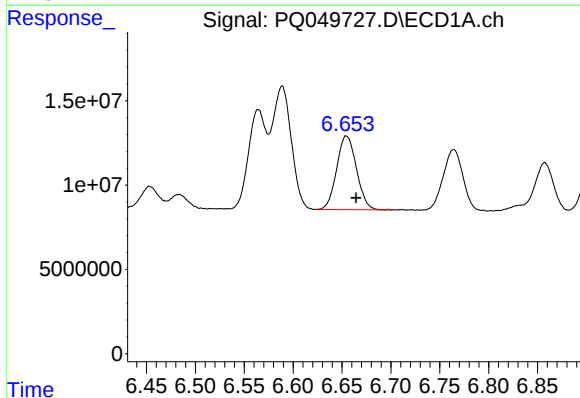
R.T.: 6.589 min
Delta R.T.: -0.010 min
Response: 98395609
Conc: 323.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



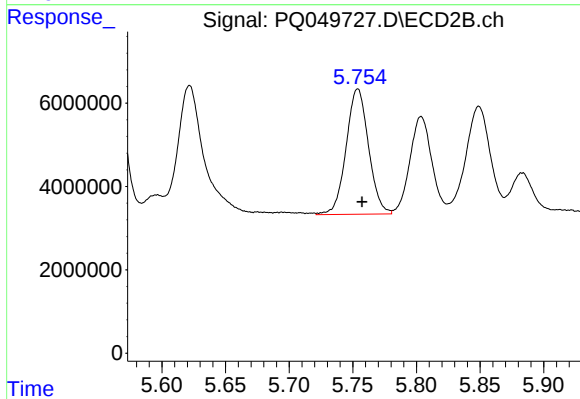
#17 AR-1242-2

R.T.: 5.560 min
Delta R.T.: -0.004 min
Response: 67879837
Conc: 290.67 ng/ml



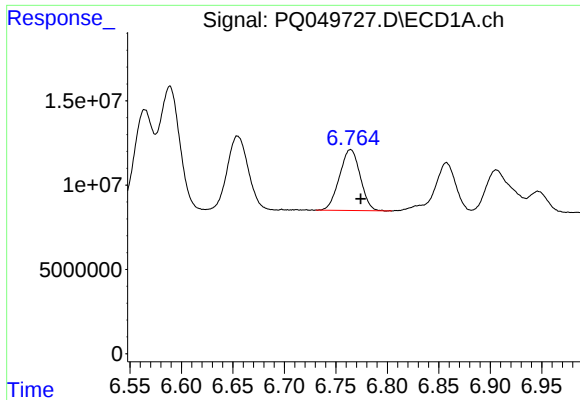
#18 AR-1242-3

R.T.: 6.655 min
Delta R.T.: -0.010 min
Response: 61393072
Conc: 325.57 ng/ml



#18 AR-1242-3

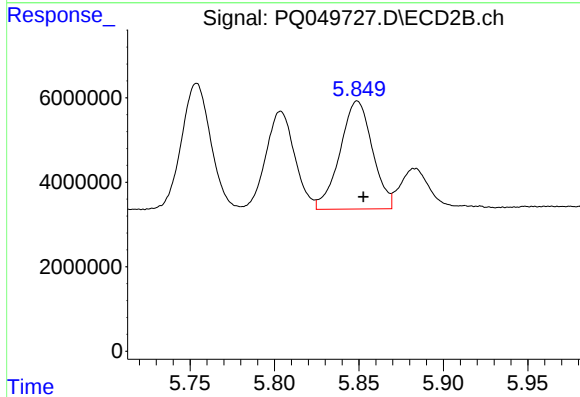
R.T.: 5.754 min
Delta R.T.: -0.003 min
Response: 36834521
Conc: 297.58 ng/ml



#19 AR-1242-4

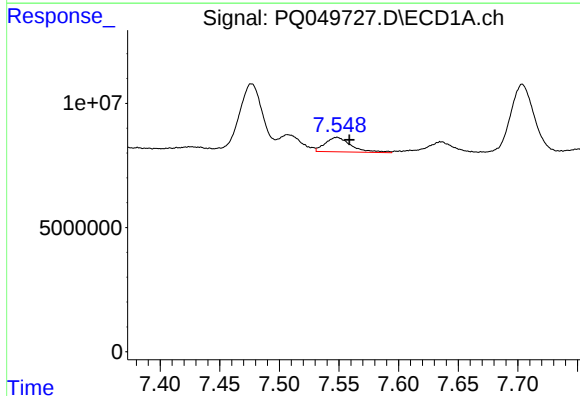
R.T.: 6.764 min
Delta R.T.: -0.010 min
Response: 50541003
Conc: 318.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



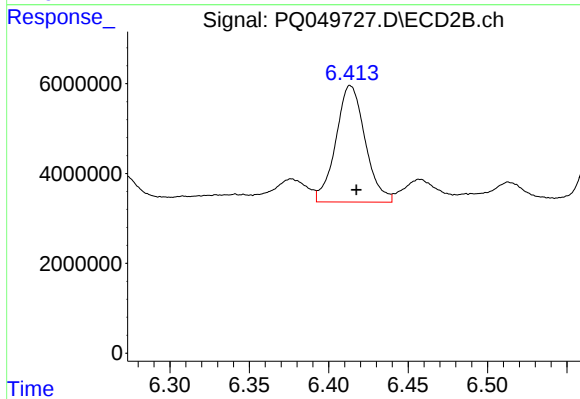
#19 AR-1242-4

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 34251930
Conc: 292.16 ng/ml



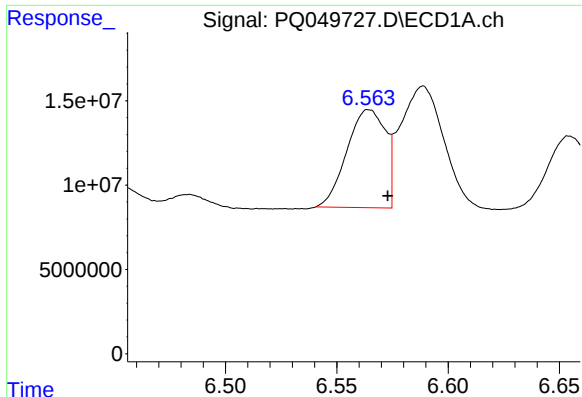
#20 AR-1242-5

R.T.: 7.548 min
Delta R.T.: -0.010 min
Response: 8922888
Conc: 49.28 ng/ml



#20 AR-1242-5

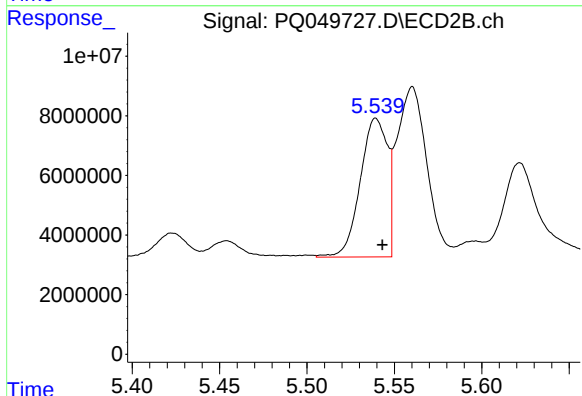
R.T.: 6.414 min
Delta R.T.: -0.004 min
Response: 33329942
Conc: 195.35 ng/ml



#21 AR-1248-1

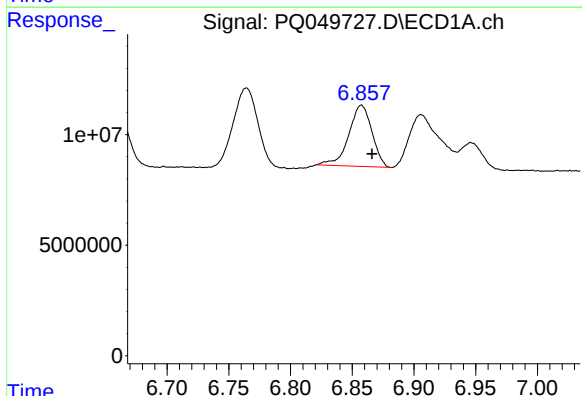
R.T.: 6.565 min
Delta R.T.: -0.008 min
Response: 69947503
Conc: 401.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



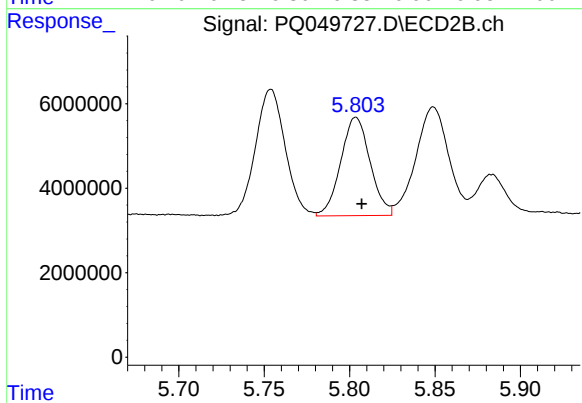
#21 AR-1248-1

R.T.: 5.539 min
Delta R.T.: -0.004 min
Response: 50336584
Conc: 369.72 ng/ml



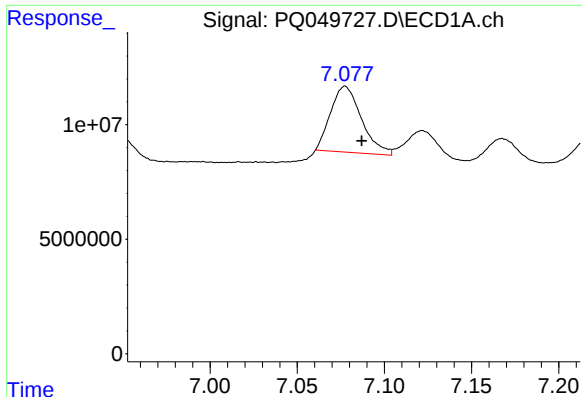
#22 AR-1248-2

R.T.: 6.857 min
Delta R.T.: -0.009 min
Response: 36202218
Conc: 163.50 ng/ml



#22 AR-1248-2

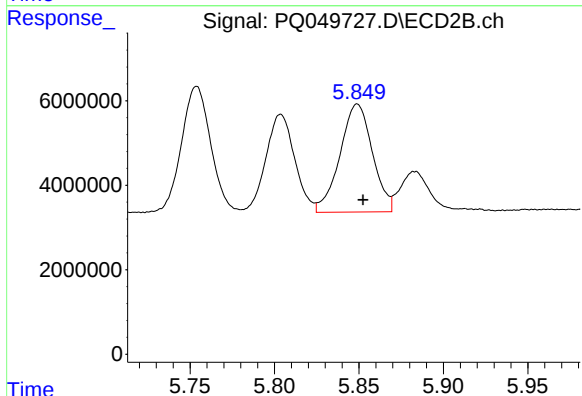
R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 27870961
Conc: 165.42 ng/ml



#23 AR-1248-3

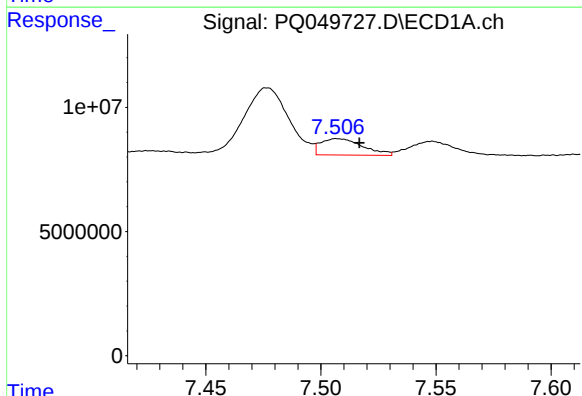
R.T.: 7.078 min
Delta R.T.: -0.010 min
Response: 35539585
Conc: 144.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



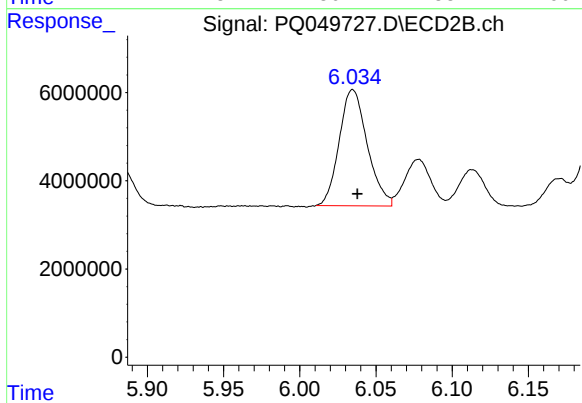
#23 AR-1248-3

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 34251930
Conc: 196.40 ng/ml



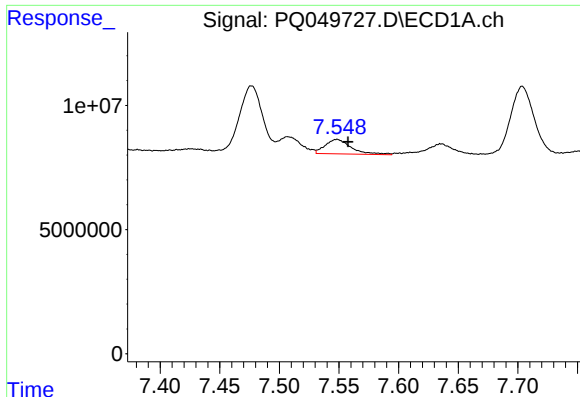
#24 AR-1248-4

R.T.: 7.508 min
Delta R.T.: -0.009 min
Response: 8401622
Conc: 28.20 ng/ml



#24 AR-1248-4

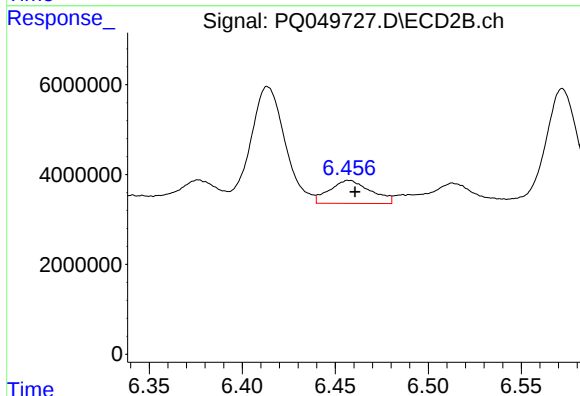
R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 33797224
Conc: 160.03 ng/ml



#25 AR-1248-5

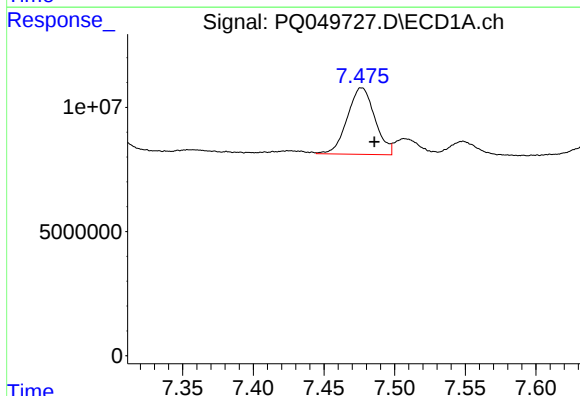
R.T.: 7.548 min
Delta R.T.: -0.009 min
Response: 8922888
Conc: 31.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



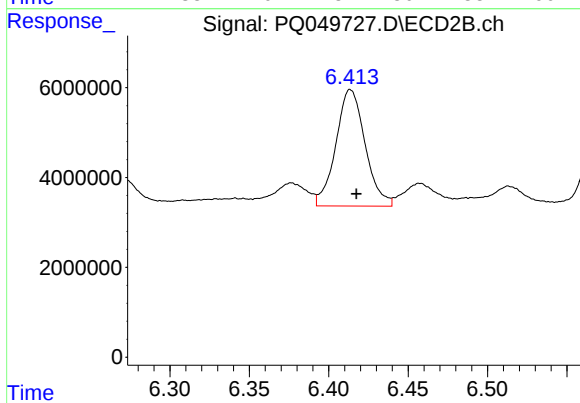
#25 AR-1248-5

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 7930885
Conc: 34.68 ng/ml



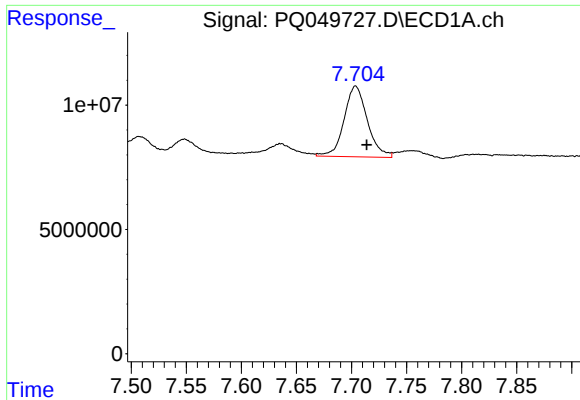
#26 AR-1254-1

R.T.: 7.477 min
Delta R.T.: -0.009 min
Response: 36369588
Conc: 122.59 ng/ml



#26 AR-1254-1

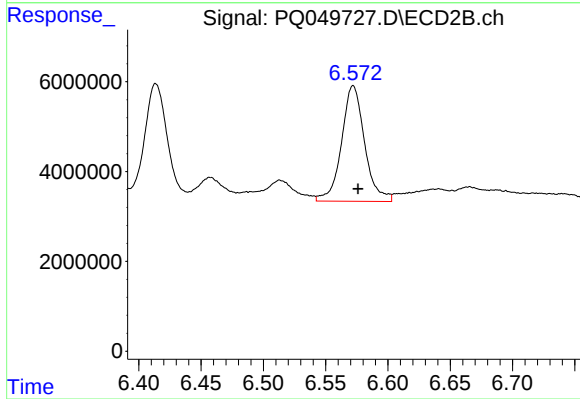
R.T.: 6.414 min
Delta R.T.: -0.004 min
Response: 33329942
Conc: 93.09 ng/ml



#27 AR-1254-2

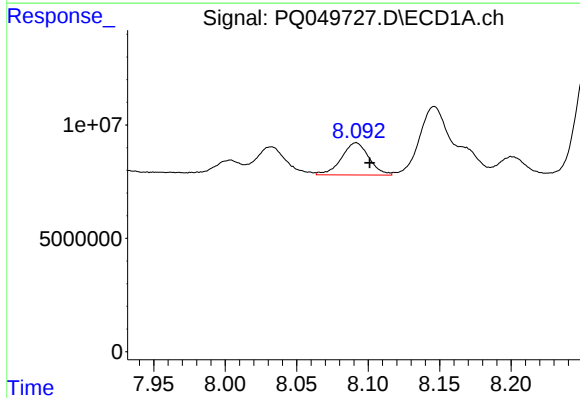
R.T.: 7.704 min
Delta R.T.: -0.010 min
Response: 41901659
Conc: 91.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



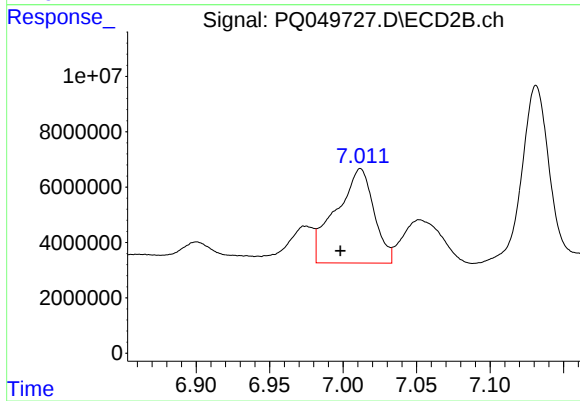
#27 AR-1254-2

R.T.: 6.572 min
Delta R.T.: -0.004 min
Response: 33262575
Conc: 103.96 ng/ml



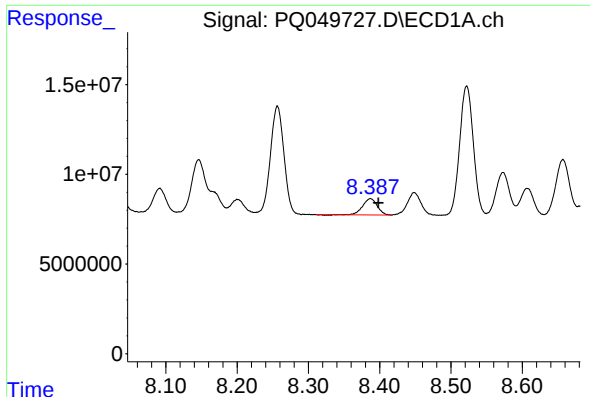
#28 AR-1254-3

R.T.: 8.091 min
Delta R.T.: -0.010 min
Response: 19040113
Conc: 39.28 ng/ml



#28 AR-1254-3

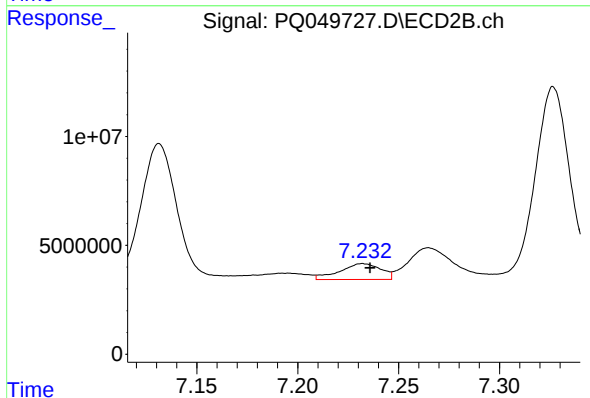
R.T.: 7.012 min
Delta R.T.: 0.014 min
Response: 61198985
Conc: 116.73 ng/ml



#29 AR-1254-4

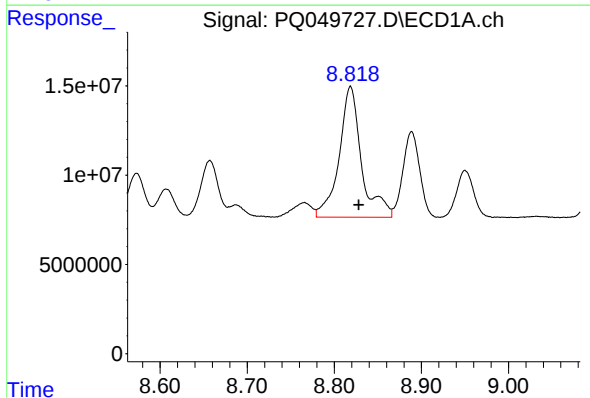
R.T.: 8.387 min
Delta R.T.: -0.011 min
Response: 12661197
Conc: 31.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



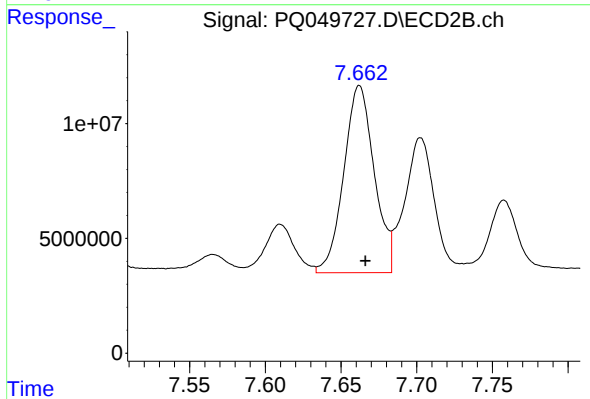
#29 AR-1254-4

R.T.: 7.232 min
Delta R.T.: -0.004 min
Response: 10338669
Conc: 27.52 ng/ml



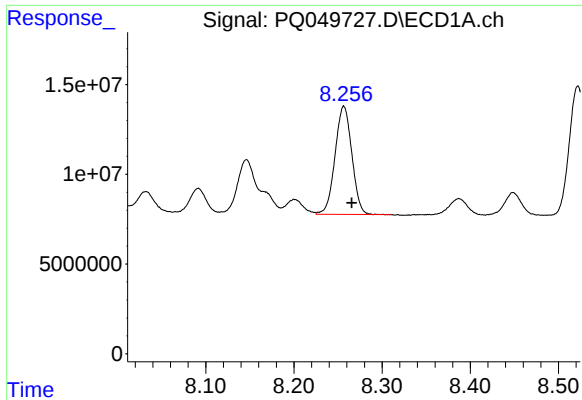
#30 AR-1254-5

R.T.: 8.819 min
Delta R.T.: -0.009 min
Response: 130407959
Conc: 306.21 ng/ml



#30 AR-1254-5

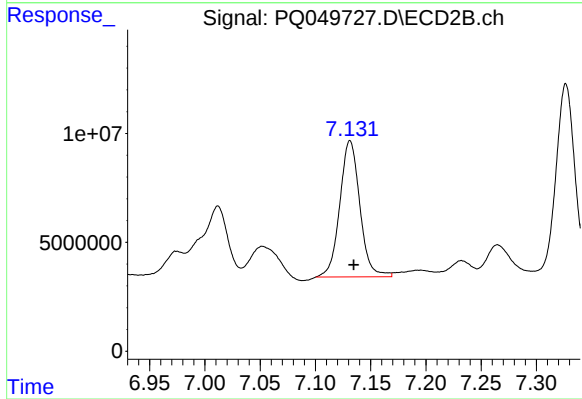
R.T.: 7.662 min
Delta R.T.: -0.004 min
Response: 114222791
Conc: 232.30 ng/ml



#31 AR-1260-1

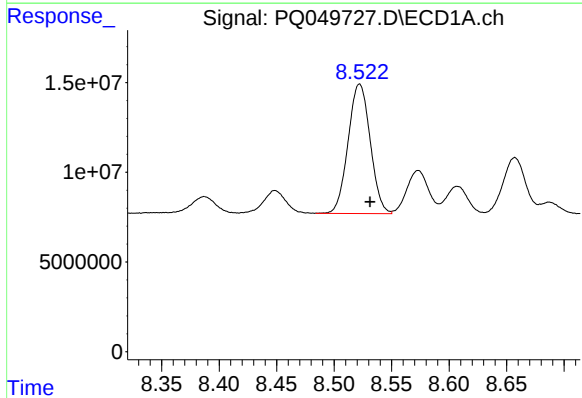
R.T.: 8.257 min
Delta R.T.: -0.009 min
Response: 79288236
Conc: 208.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



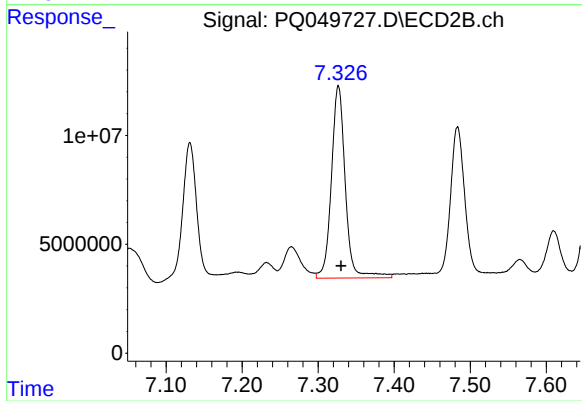
#31 AR-1260-1

R.T.: 7.131 min
Delta R.T.: -0.003 min
Response: 79098965
Conc: 221.72 ng/ml



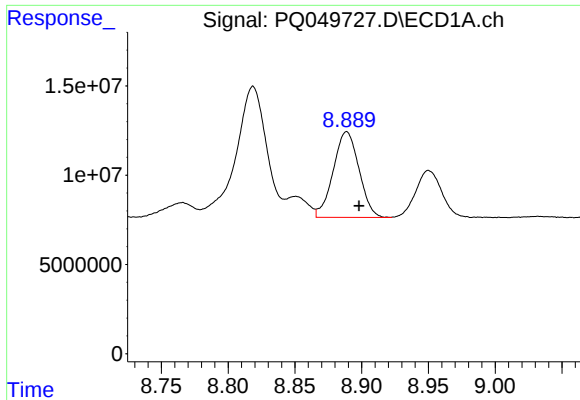
#32 AR-1260-2

R.T.: 8.522 min
Delta R.T.: -0.009 min
Response: 96553141
Conc: 199.70 ng/ml



#32 AR-1260-2

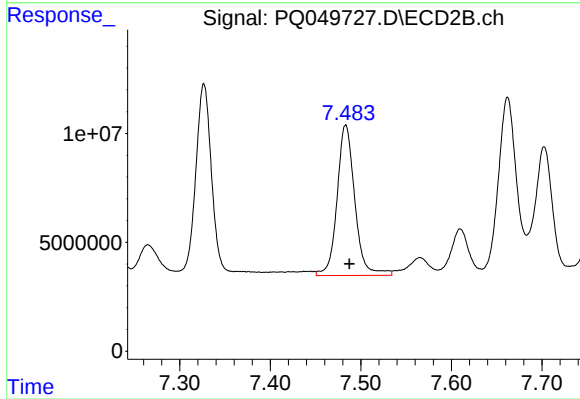
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 112321034
Conc: 223.43 ng/ml



#33 AR-1260-3

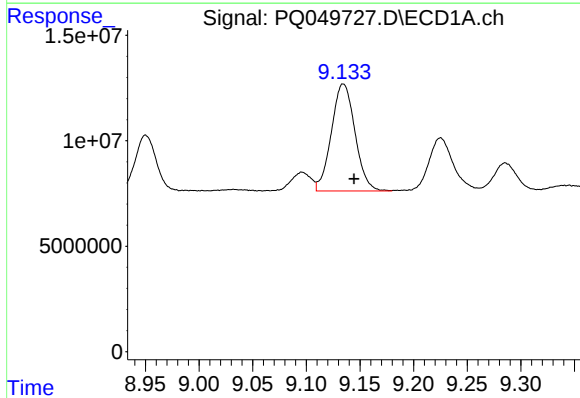
R.T.: 8.889 min
Delta R.T.: -0.009 min
Response: 64404131
Conc: 160.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



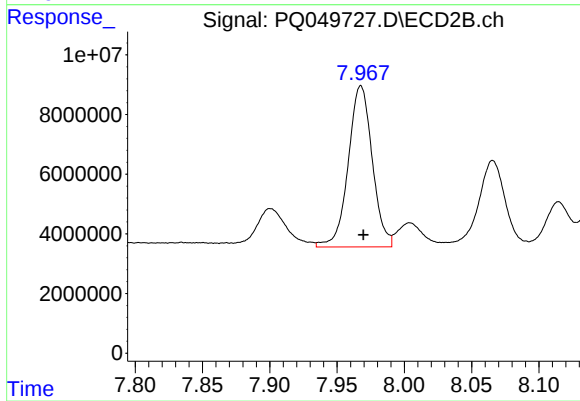
#33 AR-1260-3

R.T.: 7.483 min
Delta R.T.: -0.004 min
Response: 94172634
Conc: 229.76 ng/ml



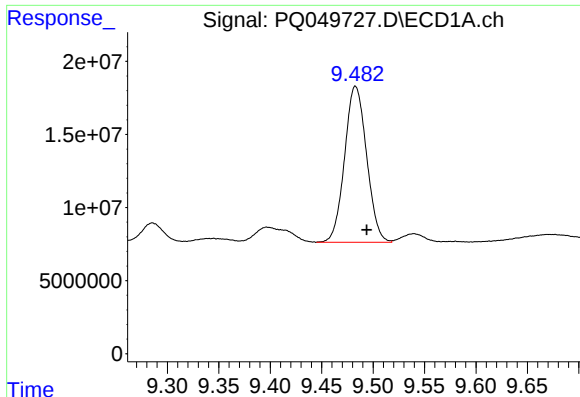
#34 AR-1260-4

R.T.: 9.135 min
Delta R.T.: -0.010 min
Response: 77843134
Conc: 173.77 ng/ml



#34 AR-1260-4

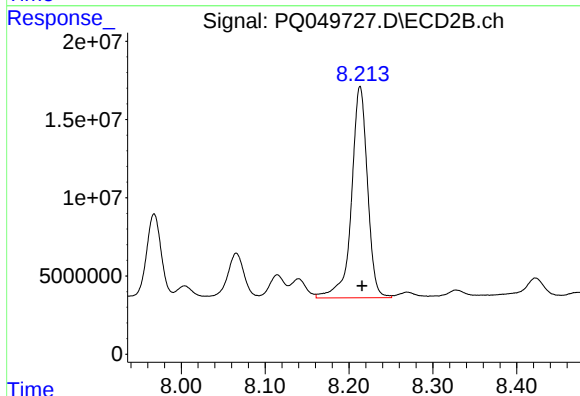
R.T.: 7.968 min
Delta R.T.: -0.002 min
Response: 67261469
Conc: 184.50 ng/ml



#35 AR-1260-5

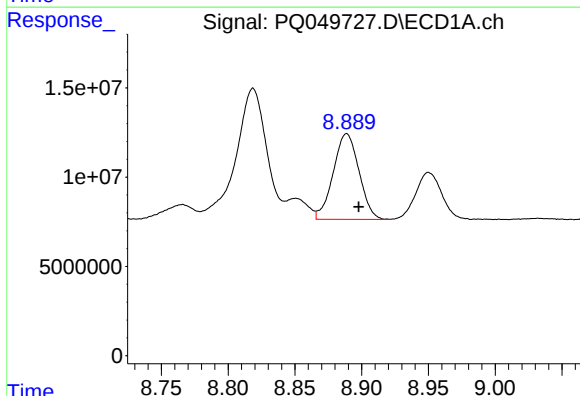
R.T.: 9.483 min
Delta R.T.: -0.011 min
Response: 159231333
Conc: 161.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



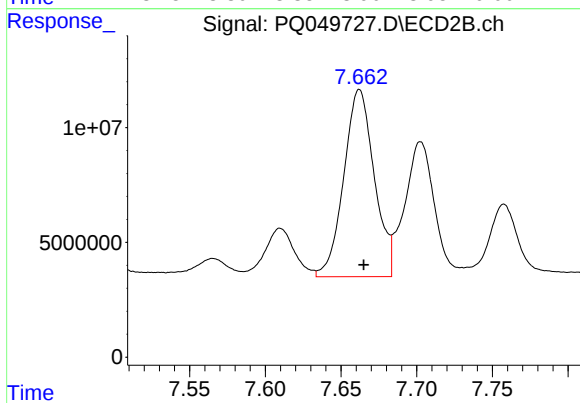
#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: -0.002 min
Response: 178917305
Conc: 180.16 ng/ml



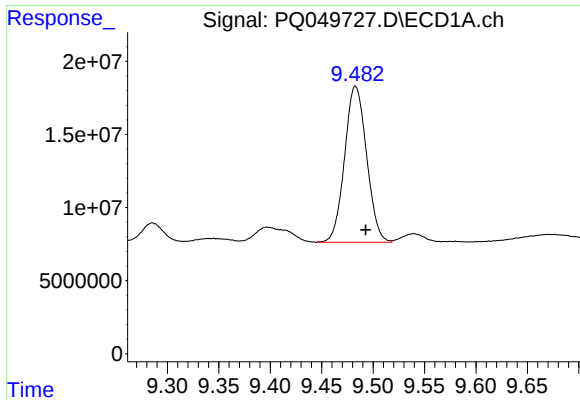
#36 AR-1262-1

R.T.: 8.889 min
Delta R.T.: -0.009 min
Response: 64404131
Conc: 121.91 ng/ml



#36 AR-1262-1

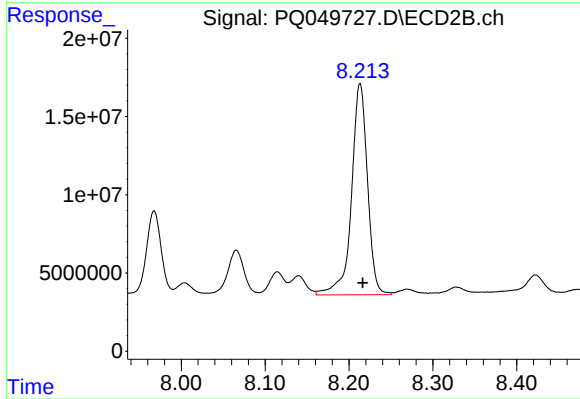
R.T.: 7.662 min
Delta R.T.: -0.003 min
Response: 114222791
Conc: 434.13 ng/ml



#37 AR-1262-2

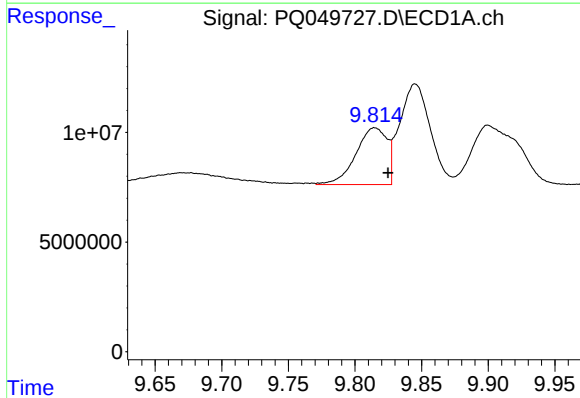
R.T.: 9.483 min
Delta R.T.: -0.010 min
Response: 159231333
Conc: 156.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



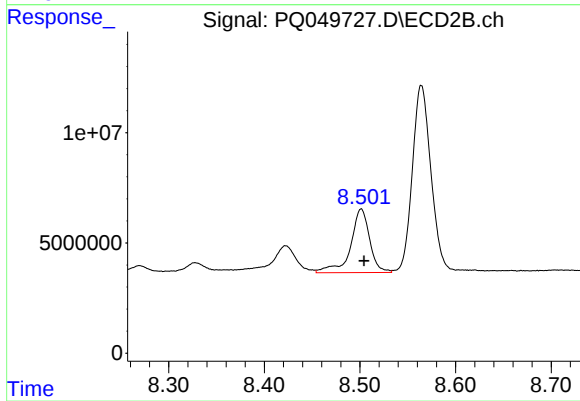
#37 AR-1262-2

R.T.: 8.213 min
Delta R.T.: -0.003 min
Response: 178917305
Conc: 171.66 ng/ml



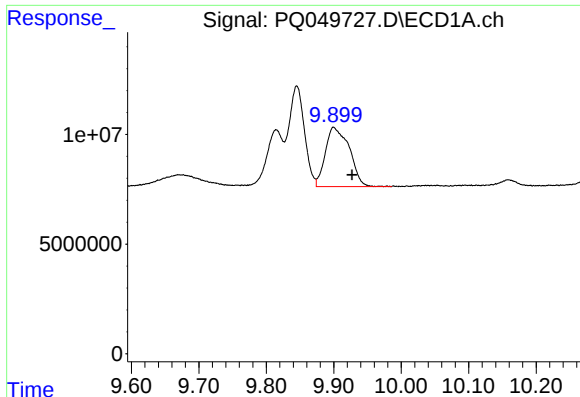
#38 AR-1262-3

R.T.: 9.815 min
Delta R.T.: -0.010 min
Response: 42363039
Conc: 88.32 ng/ml



#38 AR-1262-3

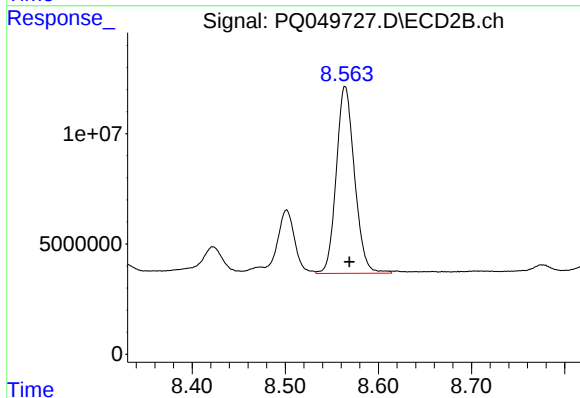
R.T.: 8.501 min
Delta R.T.: -0.003 min
Response: 40167343
Conc: 92.24 ng/ml



#39 AR-1262-4

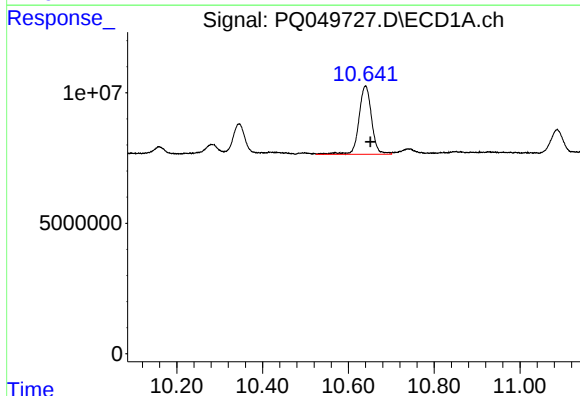
R.T.: 9.900 min
Delta R.T.: -0.027 min
Response: 66661461
Conc: 115.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



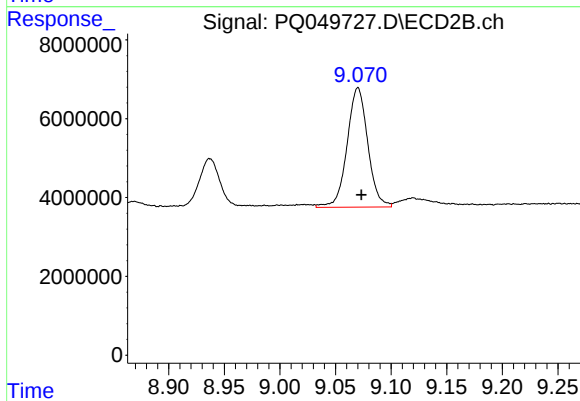
#39 AR-1262-4

R.T.: 8.564 min
Delta R.T.: -0.005 min
Response: 115533364
Conc: 161.77 ng/ml



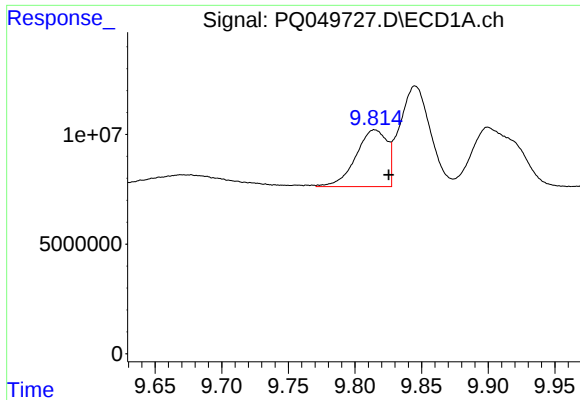
#40 AR-1262-5

R.T.: 10.640 min
Delta R.T.: -0.012 min
Response: 53913722
Conc: 128.75 ng/ml



#40 AR-1262-5

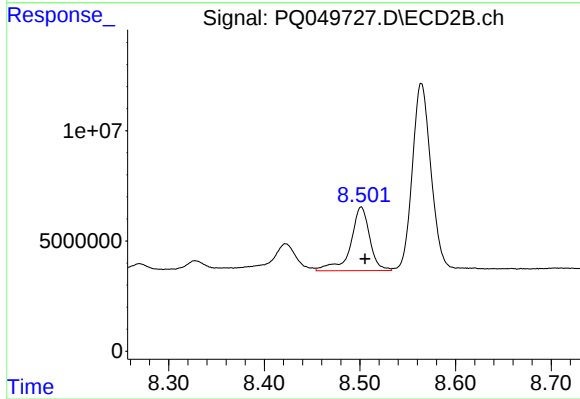
R.T.: 9.070 min
Delta R.T.: -0.003 min
Response: 39301767
Conc: 122.22 ng/ml



#41 AR-1268-1

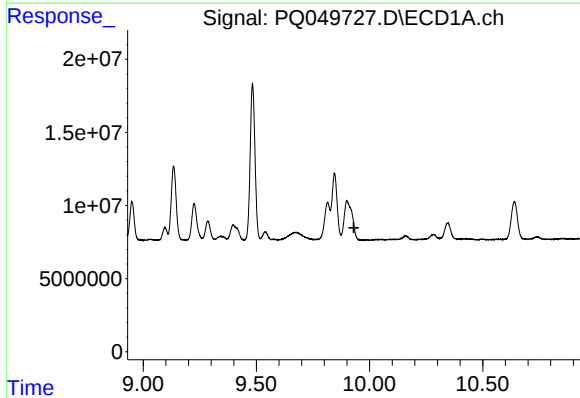
R.T.: 9.815 min
Delta R.T.: -0.010 min
Response: 42363039
Conc: 31.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



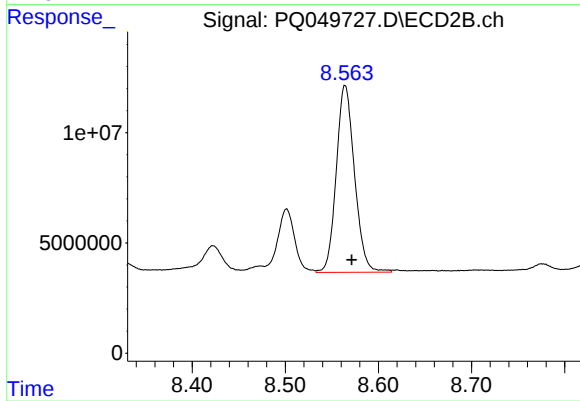
#41 AR-1268-1

R.T.: 8.501 min
Delta R.T.: -0.004 min
Response: 40167343
Conc: 32.26 ng/ml



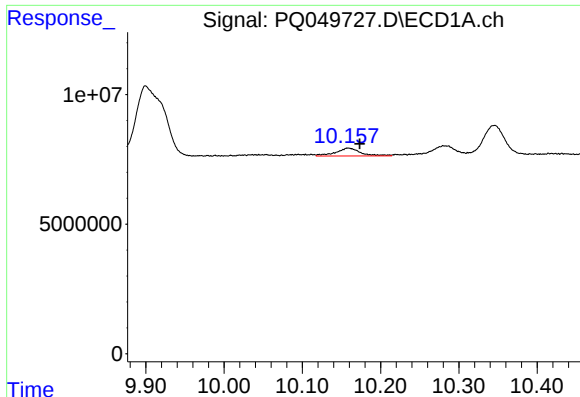
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.931 min
Response: 0
Conc: N.D.



#42 AR-1268-2

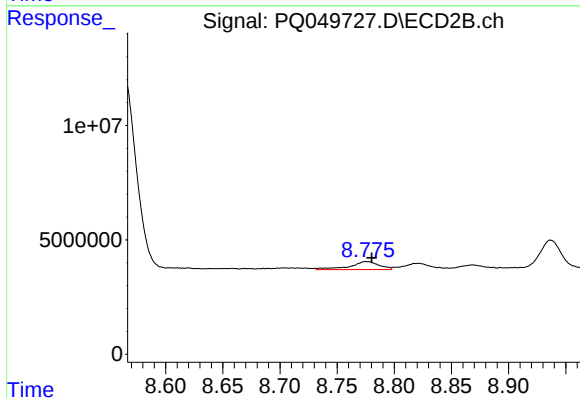
R.T.: 8.564 min
Delta R.T.: -0.007 min
Response: 115533364
Conc: 106.54 ng/ml



#43 AR-1268-3

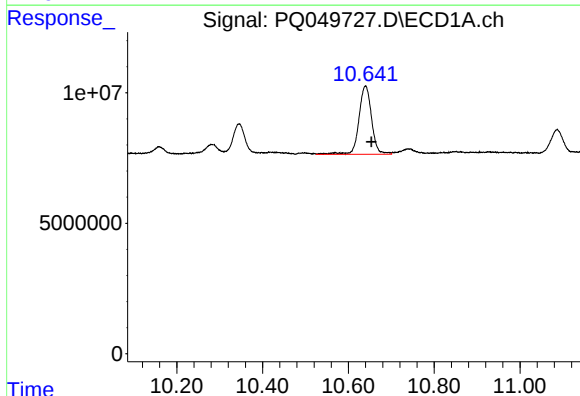
R.T.: 10.159 min
Delta R.T.: -0.014 min
Response: 6698578
Conc: 6.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



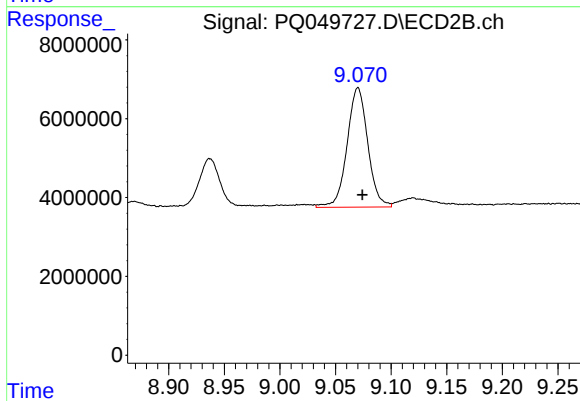
#43 AR-1268-3

R.T.: 8.776 min
Delta R.T.: -0.005 min
Response: 6210411
Conc: 6.89 ng/ml



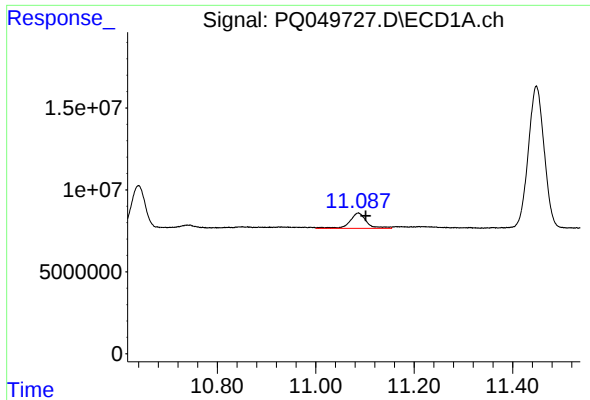
#44 AR-1268-4

R.T.: 10.640 min
Delta R.T.: -0.014 min
Response: 53913722
Conc: 112.94 ng/ml



#44 AR-1268-4

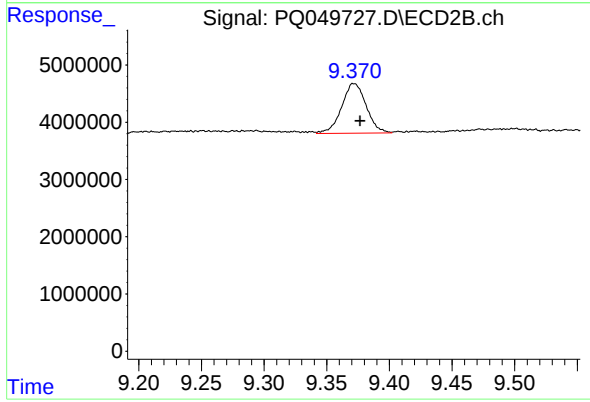
R.T.: 9.070 min
Delta R.T.: -0.004 min
Response: 39301767
Conc: 106.74 ng/ml



#45 AR-1268-5

R.T.: 11.087 min
Delta R.T.: -0.015 min
Response: 21935336
Conc: 7.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.372 min
Delta R.T.: -0.005 min
Response: 11816665
Conc: 4.90 ng/ml