

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
 Data File : PQ052276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2021 15:55
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 02:00:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.228	4.245	515.4E6	181.9E6	20.986	21.687
2)	SA Decachlor...	11.421	9.591	885.9E6	320.8E6	43.223	41.596
Target Compounds							
3)	L1 AR-1016-1	6.552	5.505	201.2E6	77049760	250.470	250.142
4)	L1 AR-1016-2	6.577	5.525	242.1E6	76326154	205.103	178.013
5)	L1 AR-1016-3	6.643	5.719	112.0E6	48551642	156.862	221.642 #
6)	L1 AR-1016-4	6.750	5.768	128.7E6	99965099	213.773	596.939 #
7)	L1 AR-1016-5	7.065	5.998	321.7E6	123.7E6	571.672	579.182
8)	L2 AR-1221-1	5.473	4.492	3082105	1012873	12.085	11.206
9)	L2 AR-1221-2	5.582	4.601	12063862	3440301	68.586	54.369
10)	L2 AR-1221-3	5.665	4.691	14808304	5264197	25.150	24.413
11)	L3 AR-1232-1	5.665	4.691	14808304	5264197	30.134	29.111
12)	L3 AR-1232-2	6.257	5.525	80165778	76326154	311.480	386.594
13)	L3 AR-1232-3	6.577	5.719	242.1E6	48551642	460.275	493.570
14)	L3 AR-1232-4	6.750	5.813	128.7E6	103.2E6	490.924	1246.375 #
15)	L3 AR-1232-5	6.845	5.998	275.8E6	123.7E6	1492.732	1390.240
16)	L4 AR-1242-1	6.552	5.505	201.2E6	77049760	292.838	292.488
17)	L4 AR-1242-2	6.577	5.525	242.1E6	76326154	239.837	207.736
18)	L4 AR-1242-3	6.643	5.719	112.0E6	48551642	184.356	254.668 #
19)	L4 AR-1242-4	6.750	5.813	128.7E6	103.2E6	253.083	584.135 #
20)	L4 AR-1242-5	7.533	6.377	372.7E6	191.1E6	660.629	762.062
21)	L5 AR-1248-1	6.552	5.505	201.2E6	77049760	367.451	374.686
22)	L5 AR-1248-2	6.845	5.768	275.8E6	99965099	358.779	369.853
23)	L5 AR-1248-3	7.065	5.813	321.7E6	103.2E6	364.303	369.965
24)	L5 AR-1248-4	7.493	5.998	378.9E6	123.7E6	364.434	371.716
25)	L5 AR-1248-5	7.533	6.421	372.7E6	132.2E6	363.831	369.773
26)	L6 AR-1254-1	7.462	6.377	291.0E6	191.1E6	292.976	358.265
27)	L6 AR-1254-2	7.698	6.536	368.8E6	49799484	238.584	109.060 #
28)	L6 AR-1254-3	8.074	6.959	202.3E6	81133366	119.682	107.889
29)	L6 AR-1254-4	8.369	7.196	138.1E6	62970173	110.092	124.807
30)	L6 AR-1254-5	8.797	7.627	31797582	18037134	23.662	26.519
31)	L7 AR-1260-1	8.241	7.107	19607971	39520445	19.620	96.491 #
32)	L7 AR-1260-2	8.499	7.289	32381396	7873726	26.363	14.829 #
33)	L7 AR-1260-3	8.860	7.446	5974770	9527409	6.533	19.935 #
34)	L7 AR-1260-4	9.108	7.931	19526528	991377	18.123	2.448 #
35)	L7 AR-1260-5	9.460	8.174	6349804	2630864	2.799	2.443
36)	L8 AR-1262-1	8.860	7.627	5974770	18037134	3.795	52.234 #
37)	L8 AR-1262-2	9.460	8.174	6349804	2630864	2.120	1.962
38)	L8 AR-1262-3	9.815	8.467	10586016	2525440	5.318	4.830
39)	L8 AR-1262-4	9.867	8.524	5174524	2670482	3.400	2.733
40)	L8 AR-1262-5	10.608	9.029	4415868	1048098	4.058	2.313 #
41)	L9 AR-1268-1	9.815	8.467	10586016	2525440	3.011	1.568 #

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 Acq On : 16 Feb 2021 15:55
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

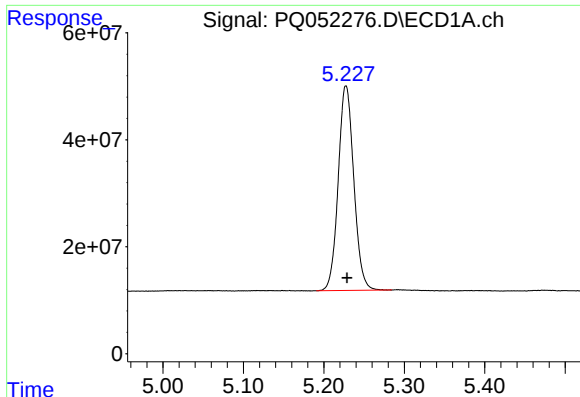
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 02:00:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.867	8.524	5174524	2670482	1.576	1.791
43) L9	AR-1268-3	10.139	8.734	4155737	1195600	1.494	0.953 #
44) L9	AR-1268-4	10.608	9.029	4415868	1048098	3.621	2.005 #
45) L9	AR-1268-5	11.056	9.329	10615880	2383593	1.087	0.593 #

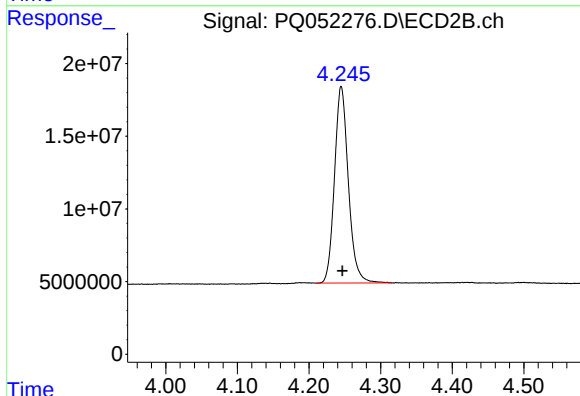
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

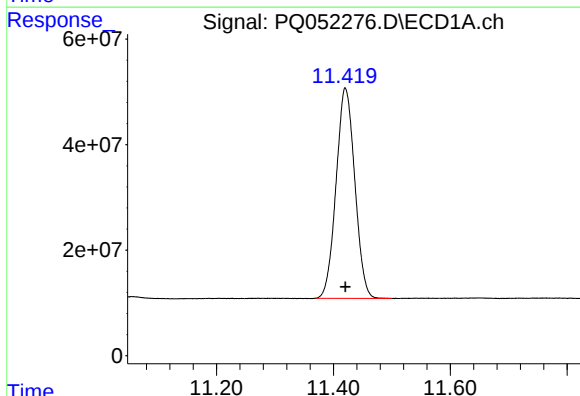
R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 515384705
Conc: 20.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



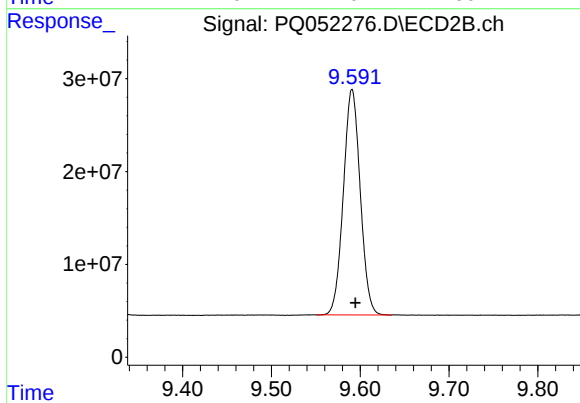
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.002 min
Response: 181915483
Conc: 21.69 ng/ml



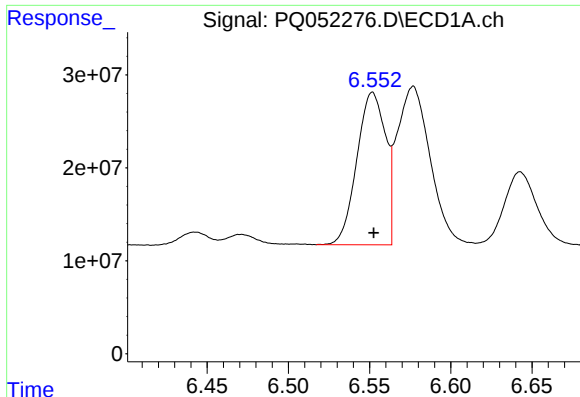
#2 Decachlorobiphenyl

R.T.: 11.421 min
Delta R.T.: 0.000 min
Response: 885858952
Conc: 43.22 ng/ml



#2 Decachlorobiphenyl

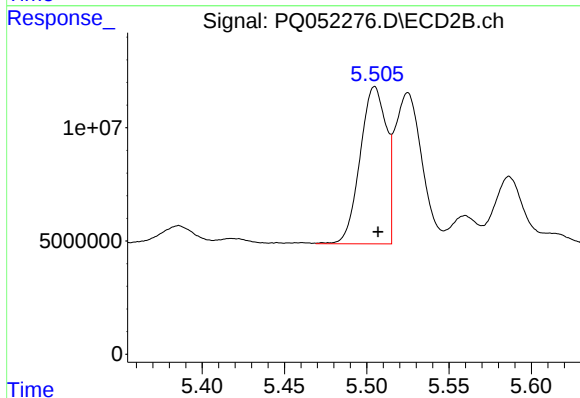
R.T.: 9.591 min
Delta R.T.: -0.004 min
Response: 320824811
Conc: 41.60 ng/ml



#3 AR-1016-1

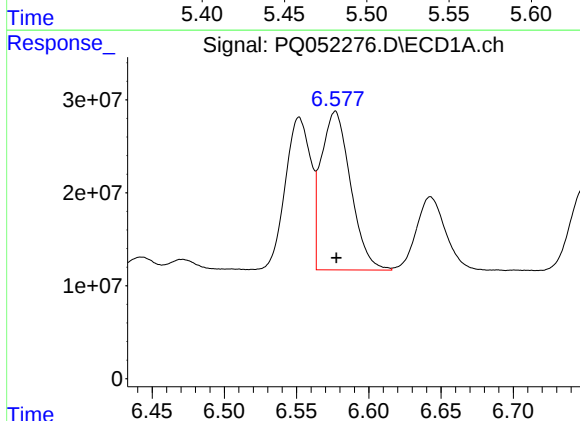
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 201249832
Conc: 250.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



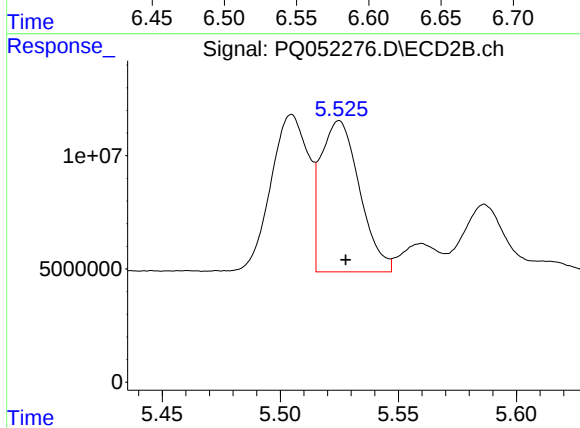
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 77049760
Conc: 250.14 ng/ml



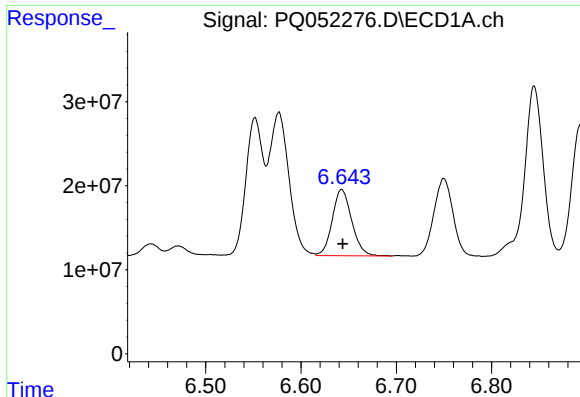
#4 AR-1016-2

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 242139501
Conc: 205.10 ng/ml



#4 AR-1016-2

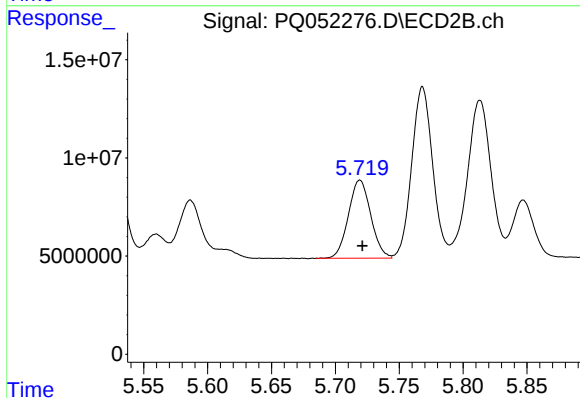
R.T.: 5.525 min
Delta R.T.: -0.003 min
Response: 76326154
Conc: 178.01 ng/ml



#5 AR-1016-3

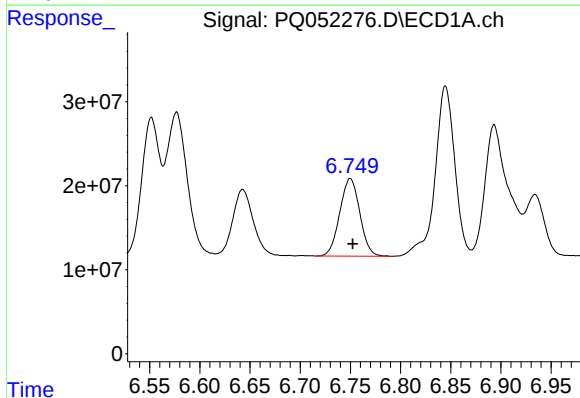
R.T.: 6.643 min
Delta R.T.: -0.001 min
Response: 111955264
Conc: 156.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



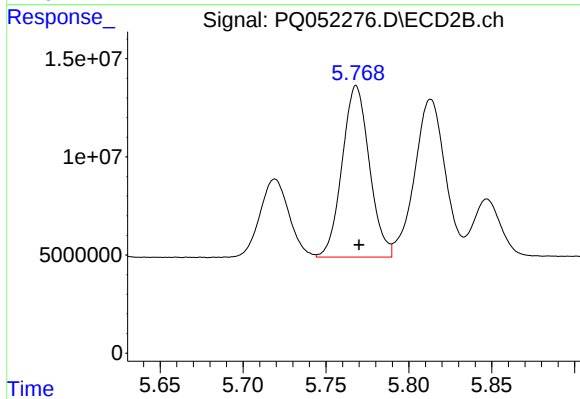
#5 AR-1016-3

R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 48551642
Conc: 221.64 ng/ml



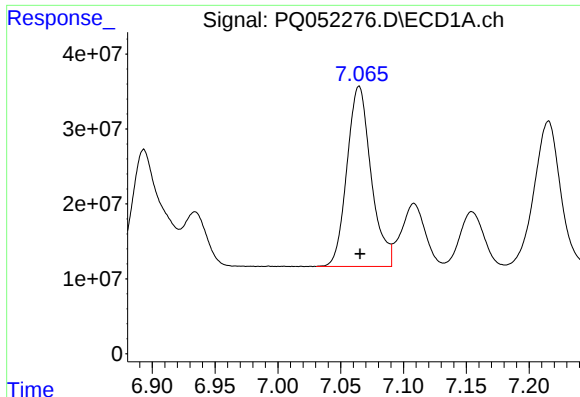
#6 AR-1016-4

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 128693482
Conc: 213.77 ng/ml



#6 AR-1016-4

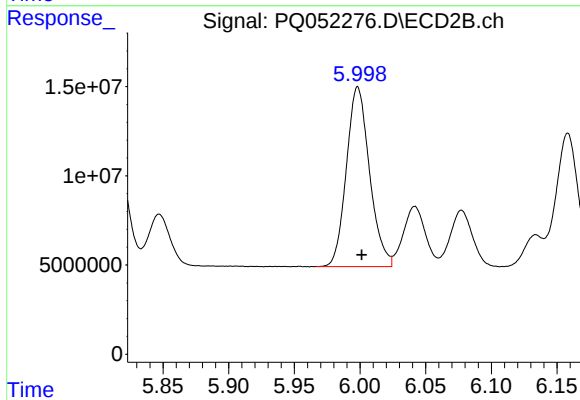
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 99965099
Conc: 596.94 ng/ml



#7 AR-1016-5

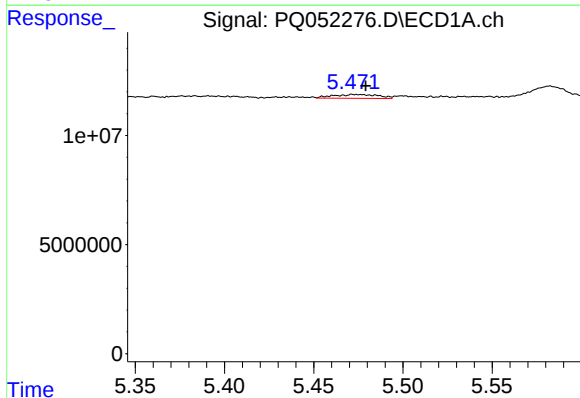
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 321650023
Conc: 571.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



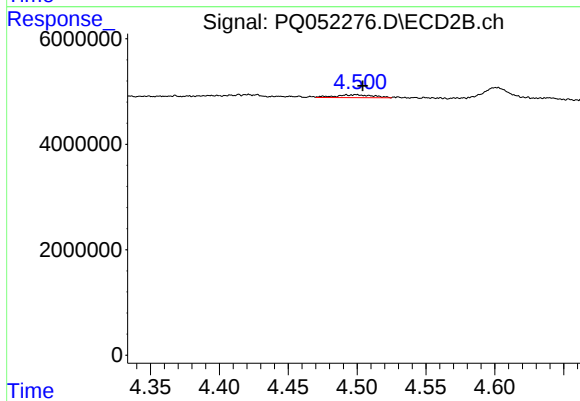
#7 AR-1016-5

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 123687417
Conc: 579.18 ng/ml



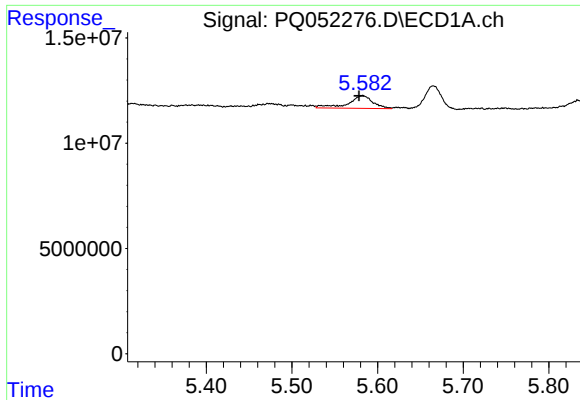
#8 AR-1221-1

R.T.: 5.473 min
Delta R.T.: -0.006 min
Response: 3082105
Conc: 12.08 ng/ml



#8 AR-1221-1

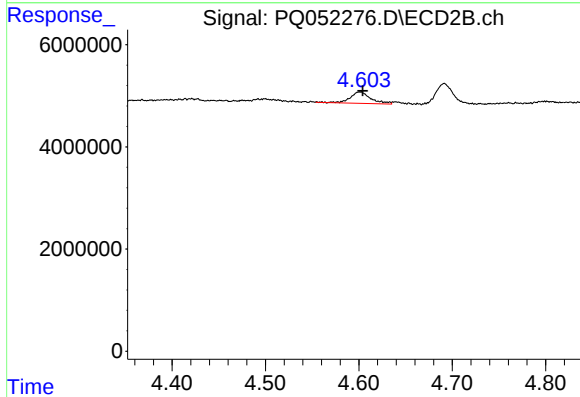
R.T.: 4.492 min
Delta R.T.: -0.012 min
Response: 1012873
Conc: 11.21 ng/ml



#9 AR-1221-2

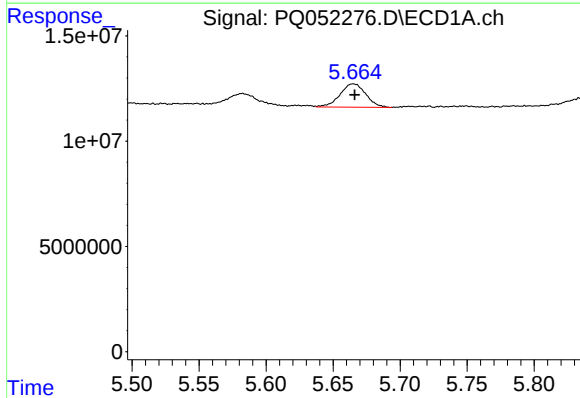
R.T.: 5.582 min
Delta R.T.: 0.004 min
Response: 12063862
Conc: 68.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



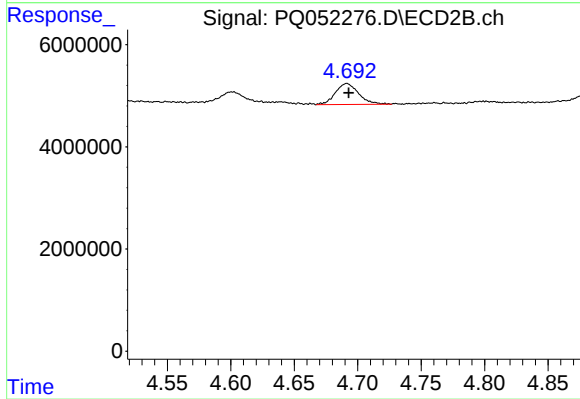
#9 AR-1221-2

R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 3440301
Conc: 54.37 ng/ml



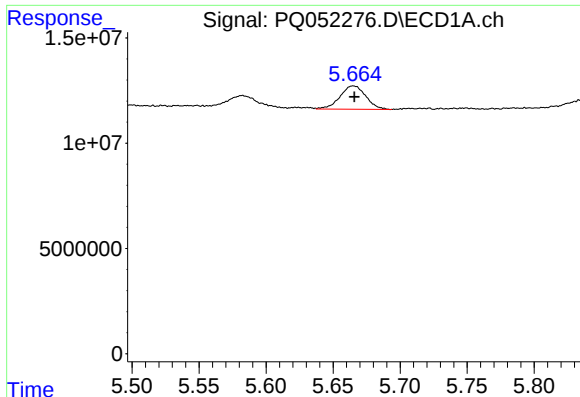
#10 AR-1221-3

R.T.: 5.665 min
Delta R.T.: -0.001 min
Response: 14808304
Conc: 25.15 ng/ml



#10 AR-1221-3

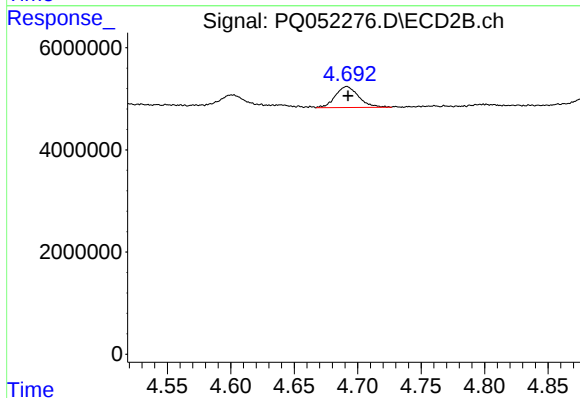
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 5264197
Conc: 24.41 ng/ml



#11 AR-1232-1

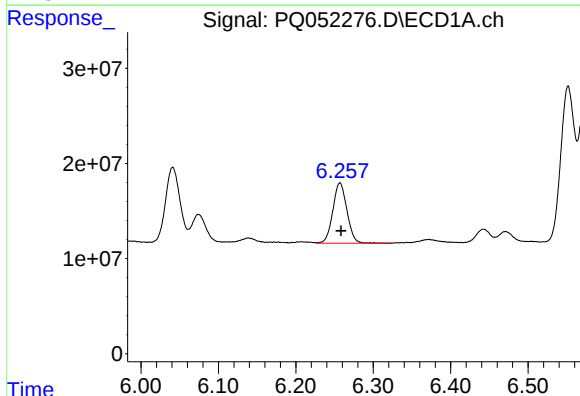
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 14808304
Conc: 30.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



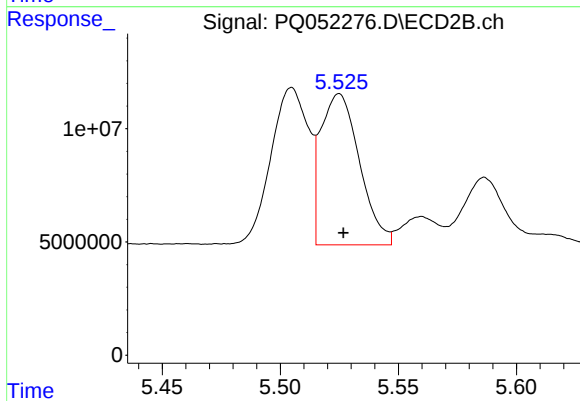
#11 AR-1232-1

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 5264197
Conc: 29.11 ng/ml



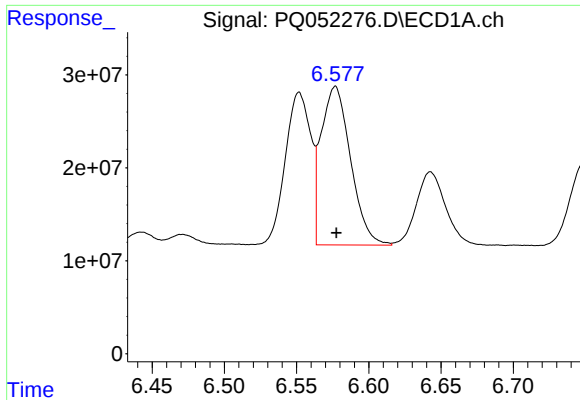
#12 AR-1232-2

R.T.: 6.257 min
Delta R.T.: -0.001 min
Response: 80165778
Conc: 311.48 ng/ml



#12 AR-1232-2

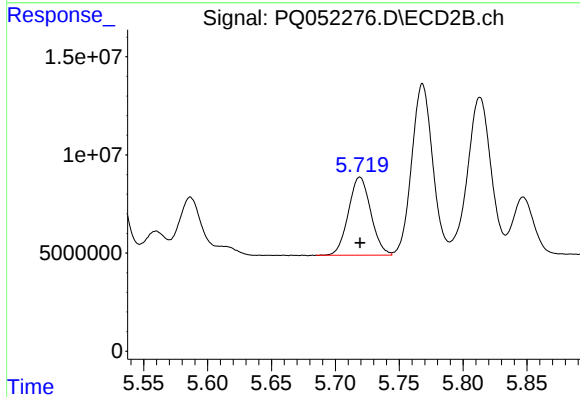
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 76326154
Conc: 386.59 ng/ml



#13 AR-1232-3

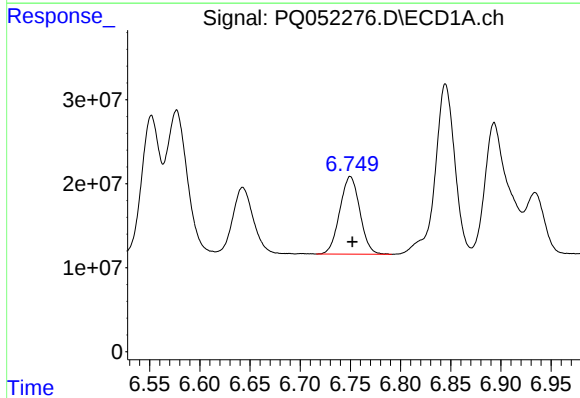
R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 242139501
Conc: 460.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



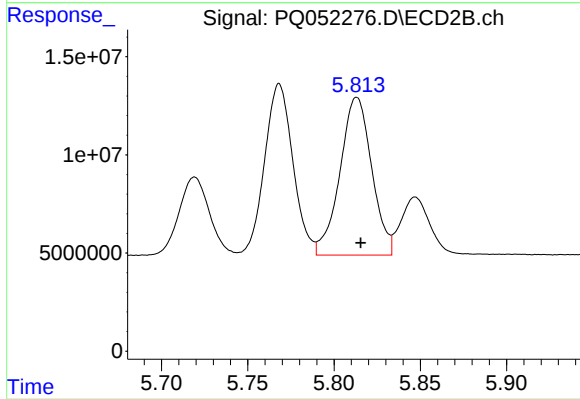
#13 AR-1232-3

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 48551642
Conc: 493.57 ng/ml



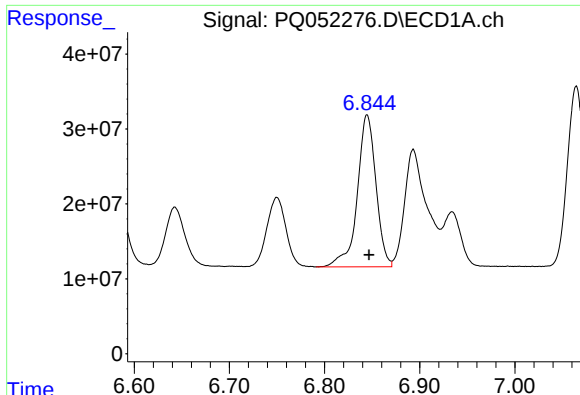
#14 AR-1232-4

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 128693482
Conc: 490.92 ng/ml



#14 AR-1232-4

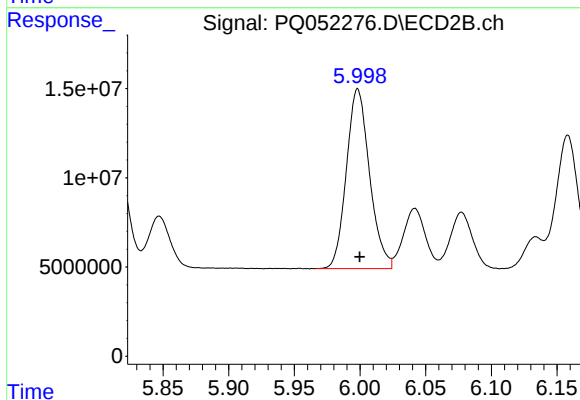
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 103163998
Conc: 1246.38 ng/ml



#15 AR-1232-5

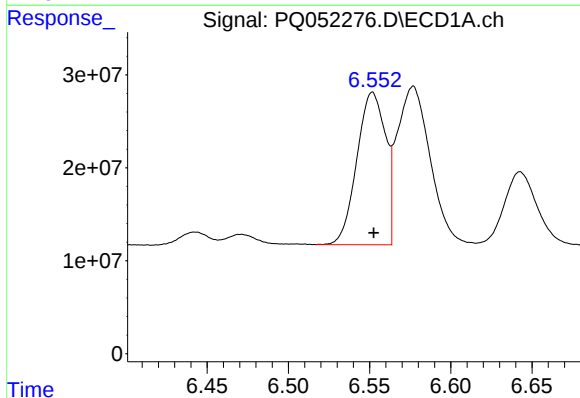
R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 275768936
Conc: 1492.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



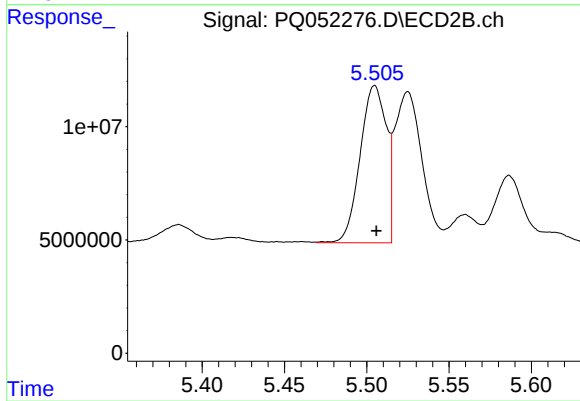
#15 AR-1232-5

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 123687417
Conc: 1390.24 ng/ml



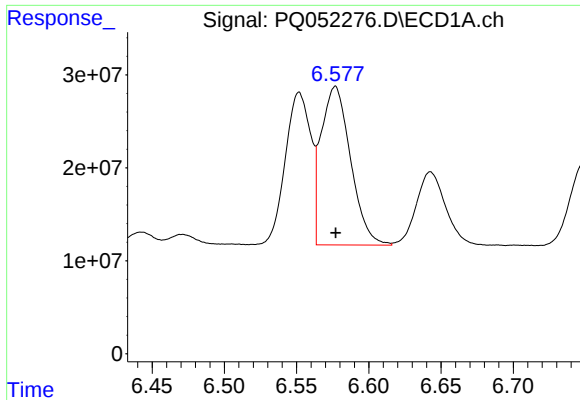
#16 AR-1242-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 201249832
Conc: 292.84 ng/ml



#16 AR-1242-1

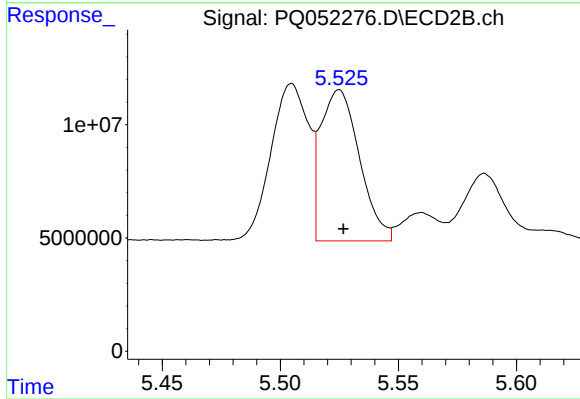
R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 77049760
Conc: 292.49 ng/ml



#17 AR-1242-2

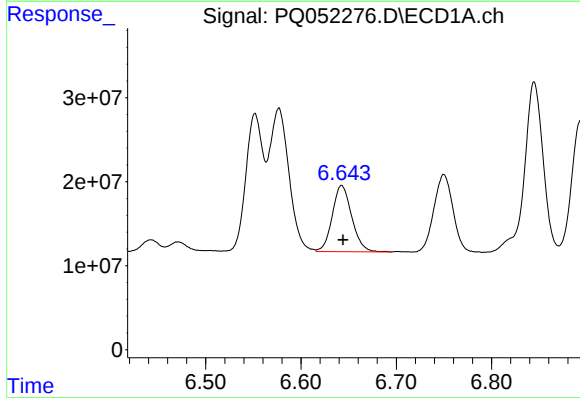
R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 242139501
Conc: 239.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



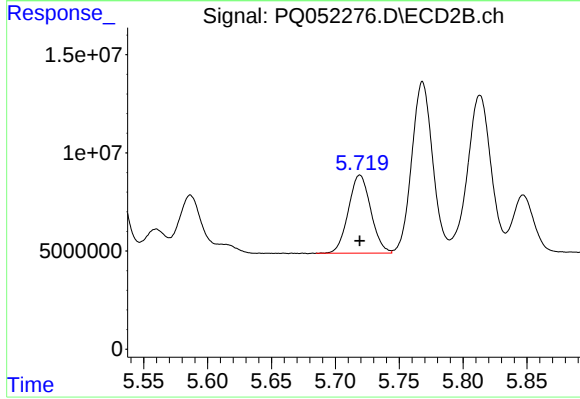
#17 AR-1242-2

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 76326154
Conc: 207.74 ng/ml



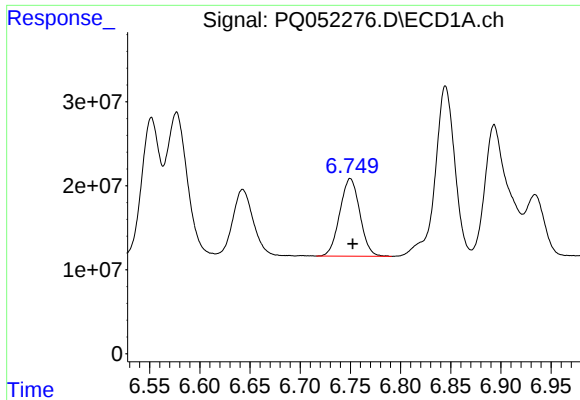
#18 AR-1242-3

R.T.: 6.643 min
Delta R.T.: -0.002 min
Response: 111955264
Conc: 184.36 ng/ml



#18 AR-1242-3

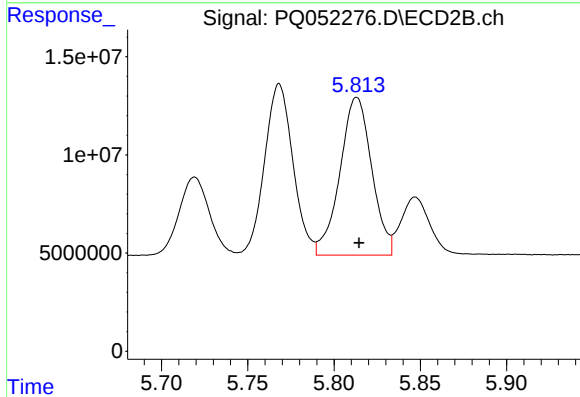
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 48551642
Conc: 254.67 ng/ml



#19 AR-1242-4

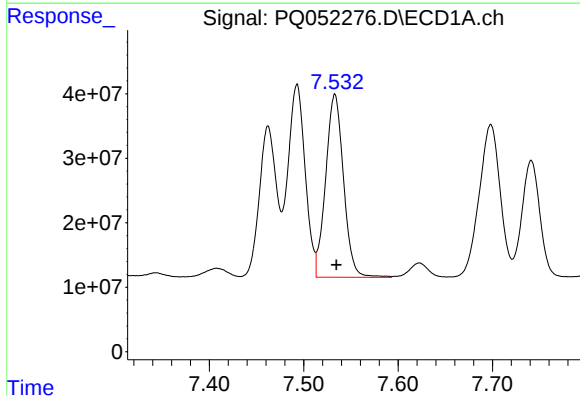
R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 128693482
Conc: 253.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



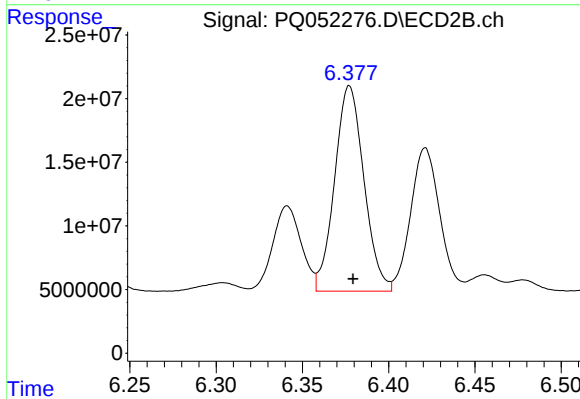
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 103163998
Conc: 584.13 ng/ml



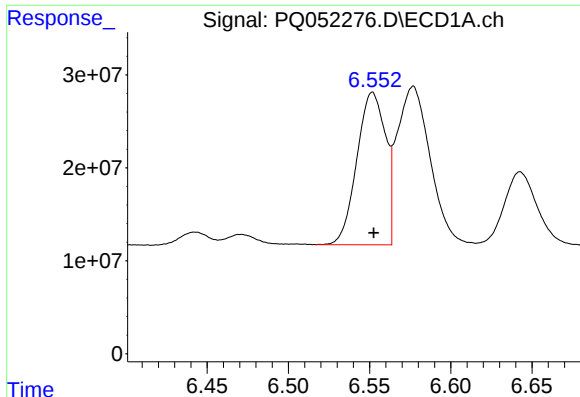
#20 AR-1242-5

R.T.: 7.533 min
Delta R.T.: -0.002 min
Response: 372702626
Conc: 660.63 ng/ml



#20 AR-1242-5

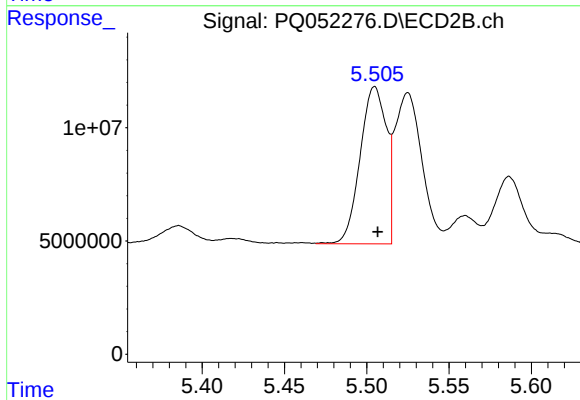
R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 191059438
Conc: 762.06 ng/ml



#21 AR-1248-1

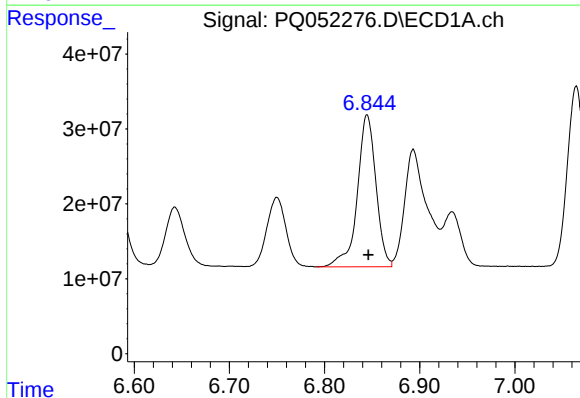
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 201249832
Conc: 367.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



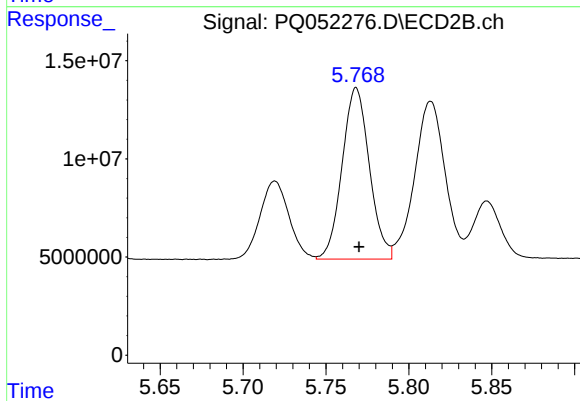
#21 AR-1248-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 77049760
Conc: 374.69 ng/ml



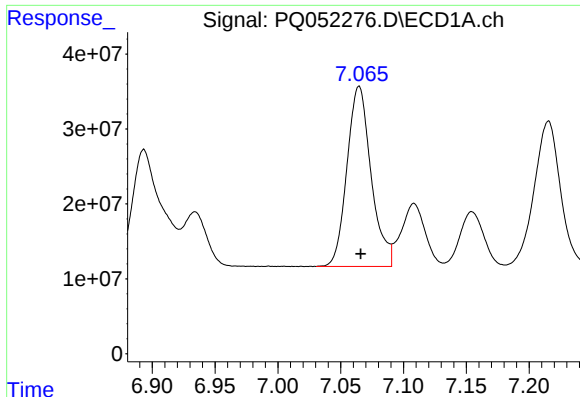
#22 AR-1248-2

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 275768936
Conc: 358.78 ng/ml



#22 AR-1248-2

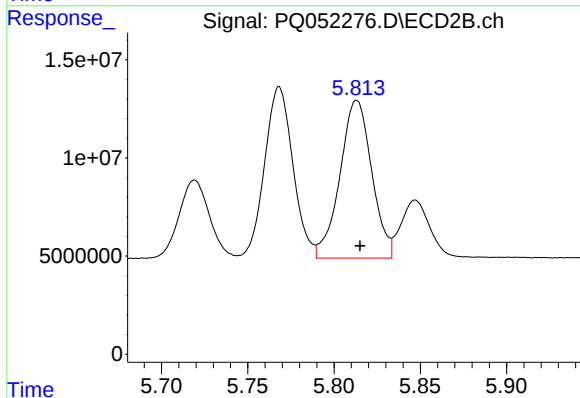
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 99965099
Conc: 369.85 ng/ml



#23 AR-1248-3

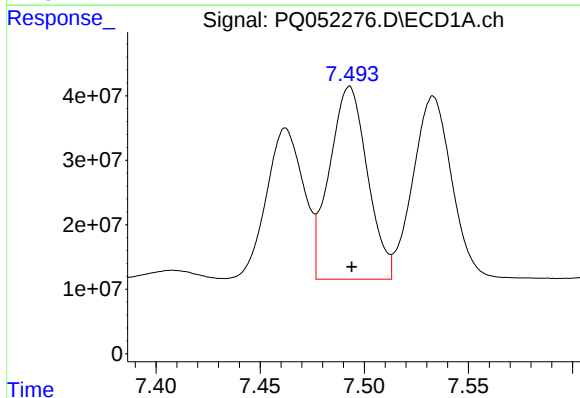
R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 321650023
Conc: 364.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



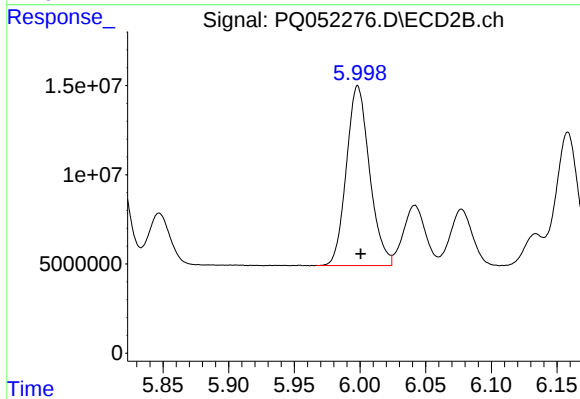
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 103163998
Conc: 369.97 ng/ml



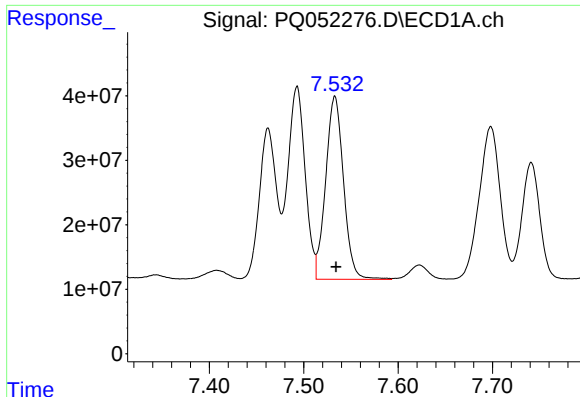
#24 AR-1248-4

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 378894788
Conc: 364.43 ng/ml



#24 AR-1248-4

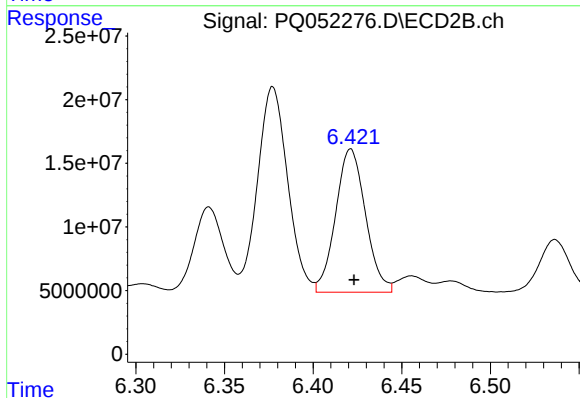
R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 123687417
Conc: 371.72 ng/ml



#25 AR-1248-5

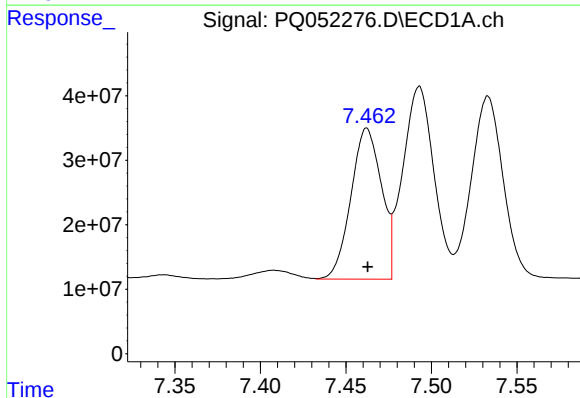
R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 372702626
Conc: 363.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



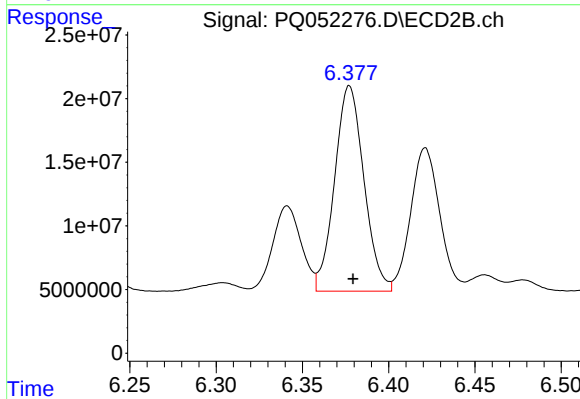
#25 AR-1248-5

R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 132211753
Conc: 369.77 ng/ml



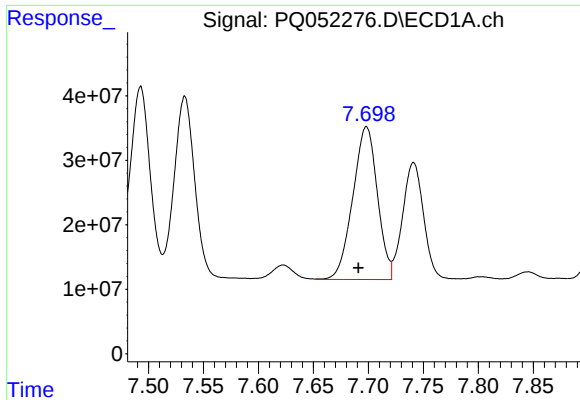
#26 AR-1254-1

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 291045138
Conc: 292.98 ng/ml



#26 AR-1254-1

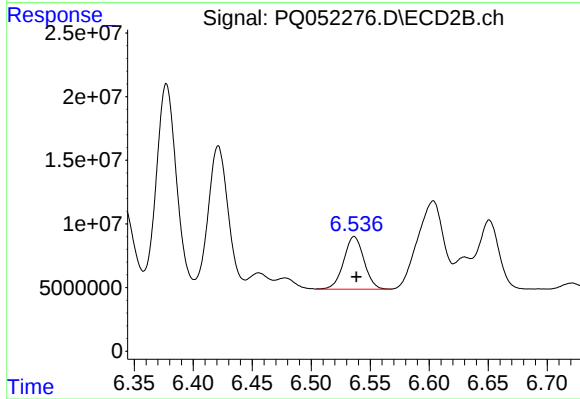
R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 191059438
Conc: 358.27 ng/ml



#27 AR-1254-2

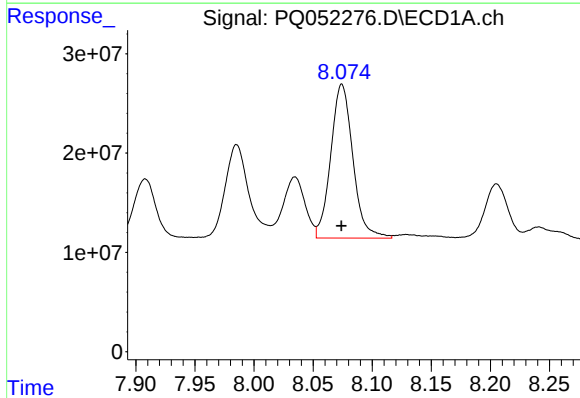
R.T.: 7.698 min
Delta R.T.: 0.007 min
Response: 368760911
Conc: 238.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



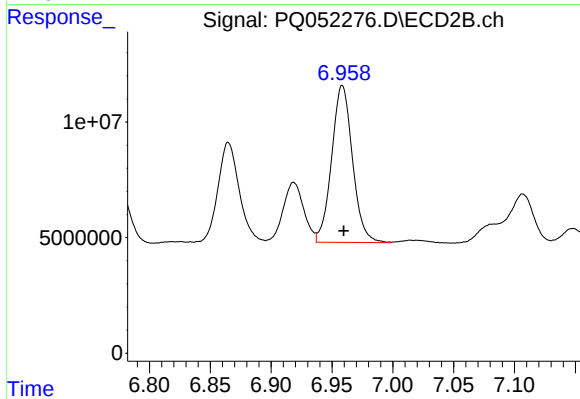
#27 AR-1254-2

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 49799484
Conc: 109.06 ng/ml



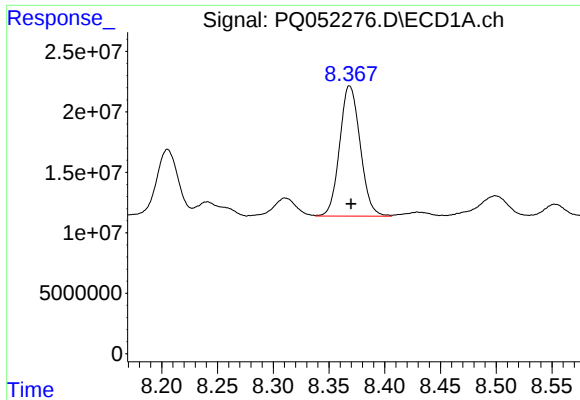
#28 AR-1254-3

R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 202280017
Conc: 119.68 ng/ml



#28 AR-1254-3

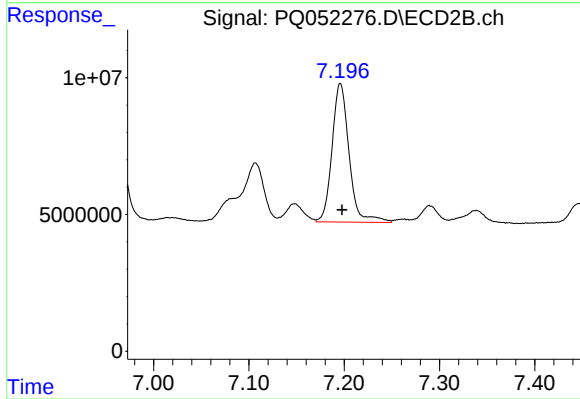
R.T.: 6.959 min
Delta R.T.: -0.001 min
Response: 81133366
Conc: 107.89 ng/ml



#29 AR-1254-4

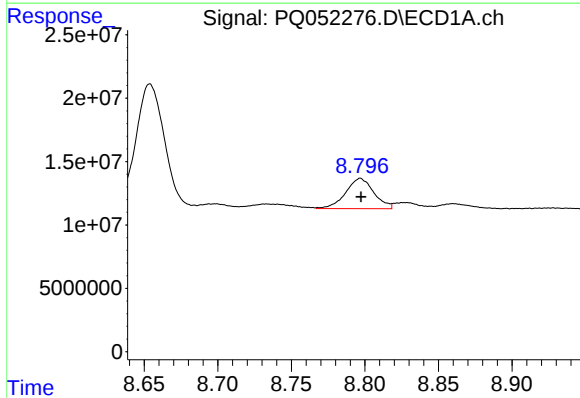
R.T.: 8.369 min
Delta R.T.: -0.001 min
Response: 138088908
Conc: 110.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



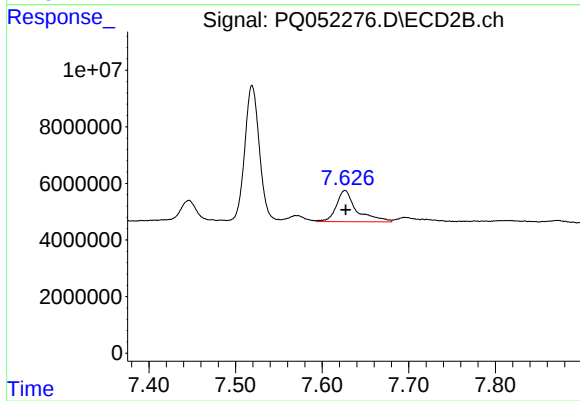
#29 AR-1254-4

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 62970173
Conc: 124.81 ng/ml



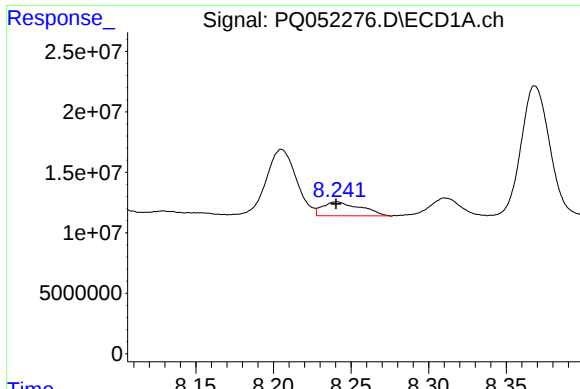
#30 AR-1254-5

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 31797582
Conc: 23.66 ng/ml



#30 AR-1254-5

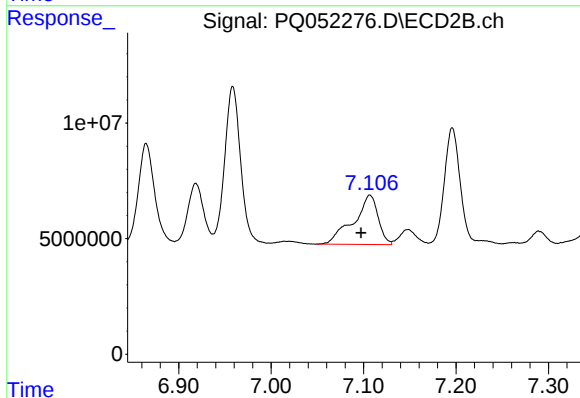
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 18037134
Conc: 26.52 ng/ml



#31 AR-1260-1

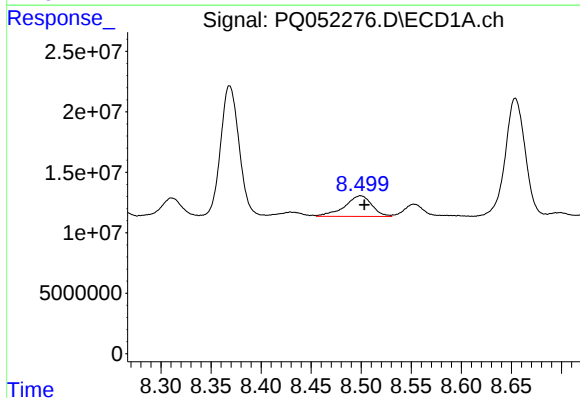
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 19607971
Conc: 19.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



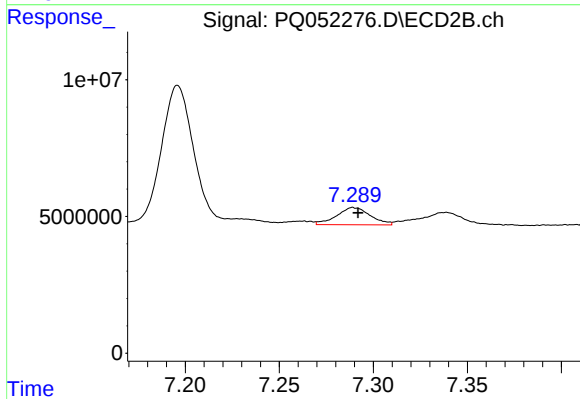
#31 AR-1260-1

R.T.: 7.107 min
Delta R.T.: 0.010 min
Response: 39520445
Conc: 96.49 ng/ml



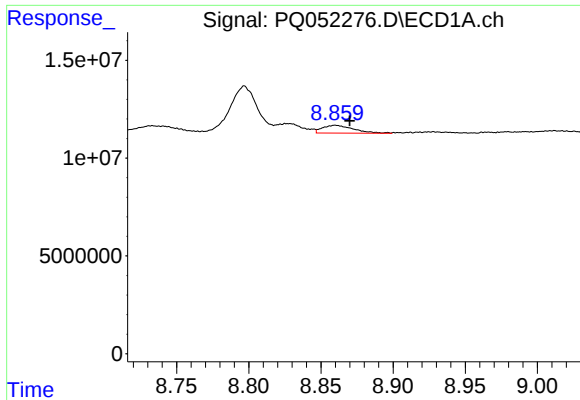
#32 AR-1260-2

R.T.: 8.499 min
Delta R.T.: -0.004 min
Response: 32381396
Conc: 26.36 ng/ml



#32 AR-1260-2

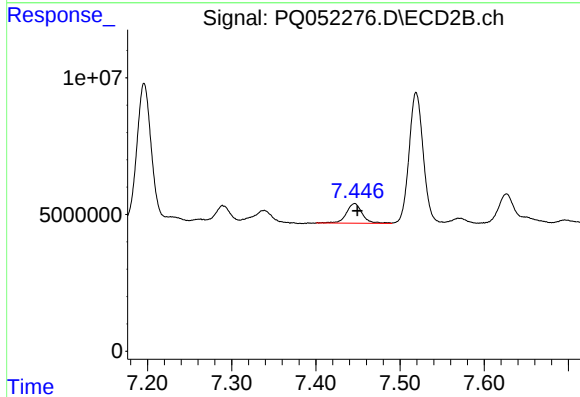
R.T.: 7.289 min
Delta R.T.: -0.003 min
Response: 7873726
Conc: 14.83 ng/ml



#33 AR-1260-3

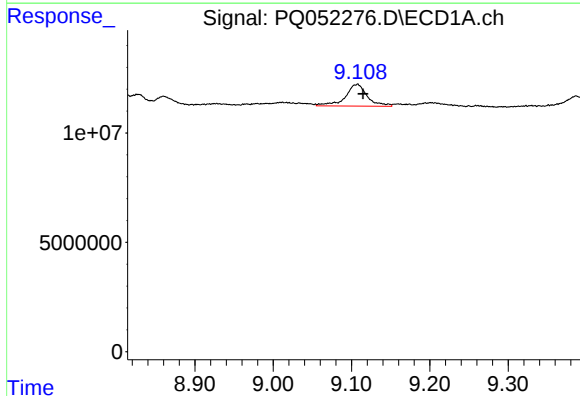
R.T.: 8.860 min
Delta R.T.: -0.010 min
Response: 5974770
Conc: 6.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



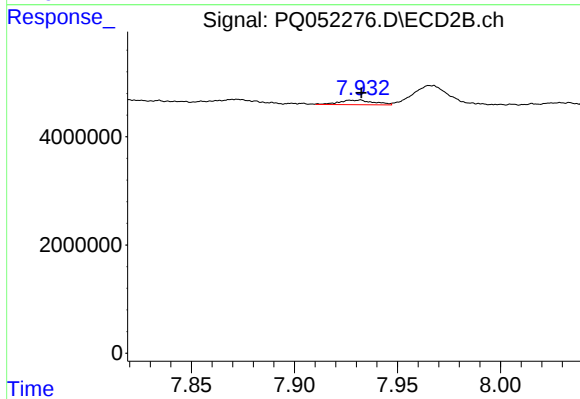
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 9527409
Conc: 19.94 ng/ml



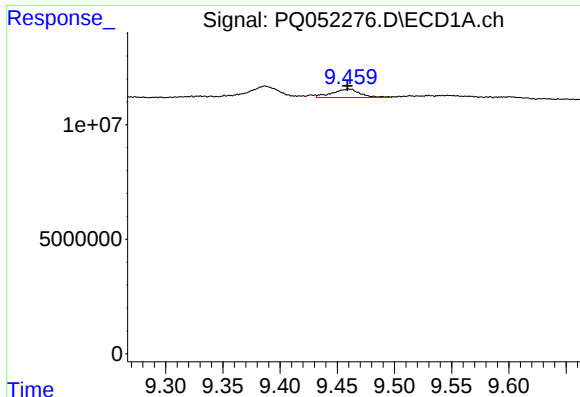
#34 AR-1260-4

R.T.: 9.108 min
Delta R.T.: -0.007 min
Response: 19526528
Conc: 18.12 ng/ml



#34 AR-1260-4

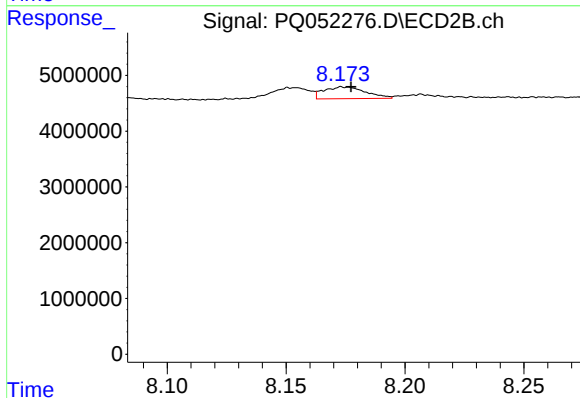
R.T.: 7.931 min
Delta R.T.: -0.001 min
Response: 991377
Conc: 2.45 ng/ml



#35 AR-1260-5

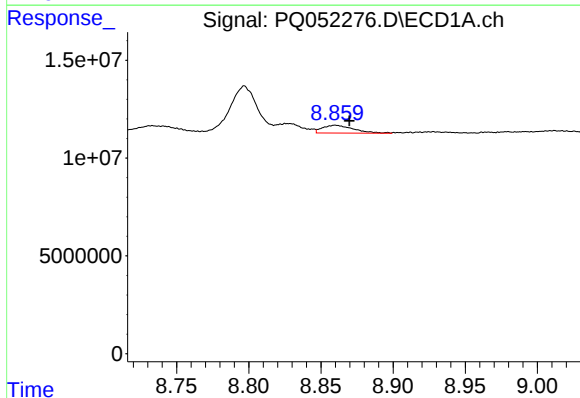
R.T.: 9.460 min
Delta R.T.: 0.001 min
Response: 6349804
Conc: 2.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



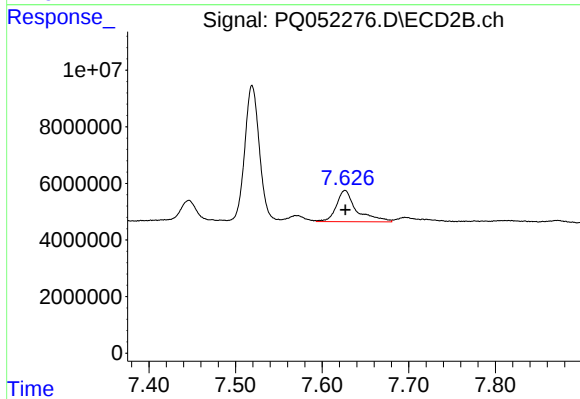
#35 AR-1260-5

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 2630864
Conc: 2.44 ng/ml



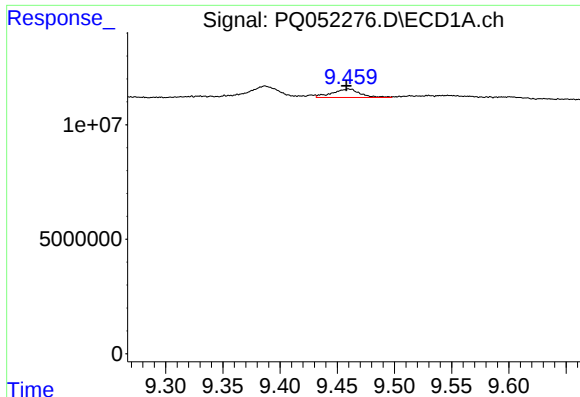
#36 AR-1262-1

R.T.: 8.860 min
Delta R.T.: -0.010 min
Response: 5974770
Conc: 3.79 ng/ml



#36 AR-1262-1

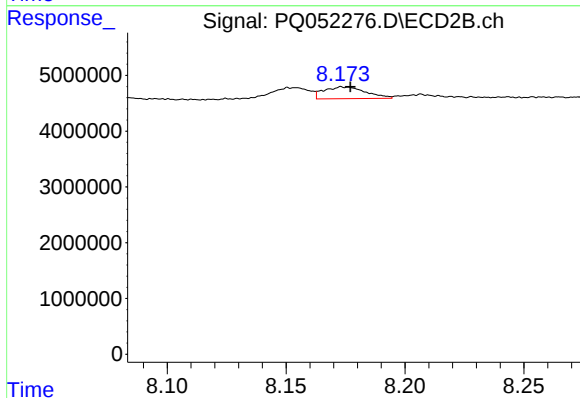
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 18037134
Conc: 52.23 ng/ml



#37 AR-1262-2

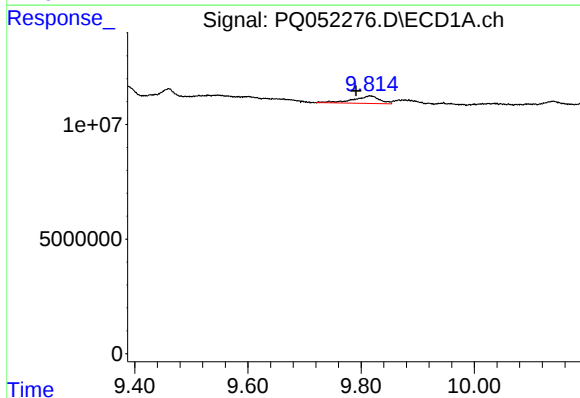
R.T.: 9.460 min
Delta R.T.: 0.002 min
Response: 6349804
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



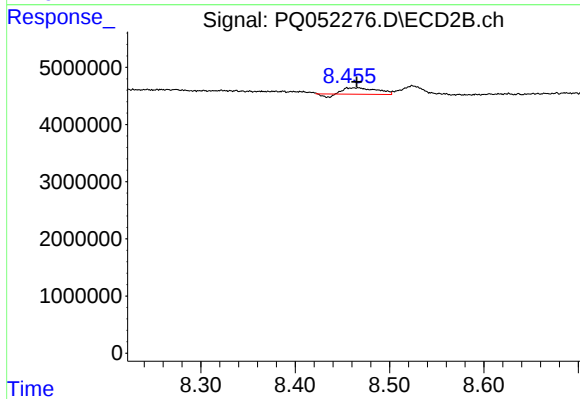
#37 AR-1262-2

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 2630864
Conc: 1.96 ng/ml



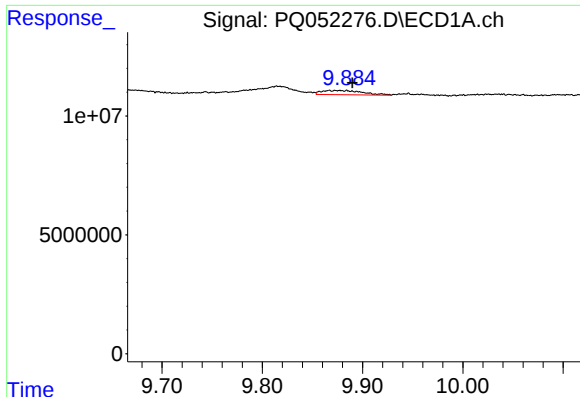
#38 AR-1262-3

R.T.: 9.815 min
Delta R.T.: 0.024 min
Response: 10586016
Conc: 5.32 ng/ml



#38 AR-1262-3

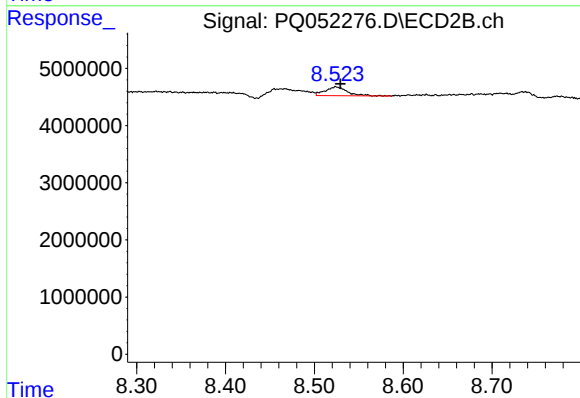
R.T.: 8.467 min
Delta R.T.: 0.002 min
Response: 2525440
Conc: 4.83 ng/ml



#39 AR-1262-4

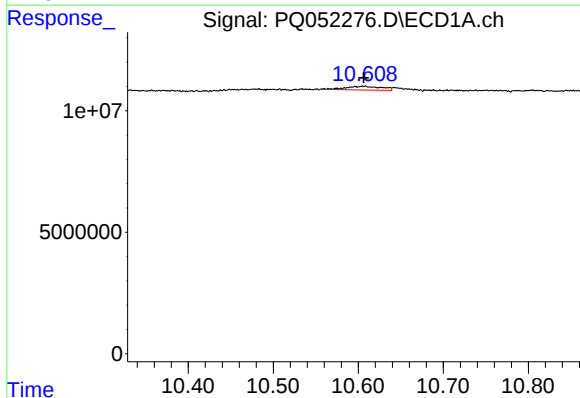
R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 5174524
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



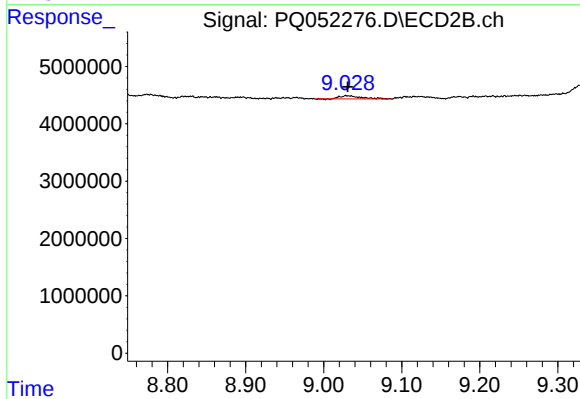
#39 AR-1262-4

R.T.: 8.524 min
Delta R.T.: -0.005 min
Response: 2670482
Conc: 2.73 ng/ml



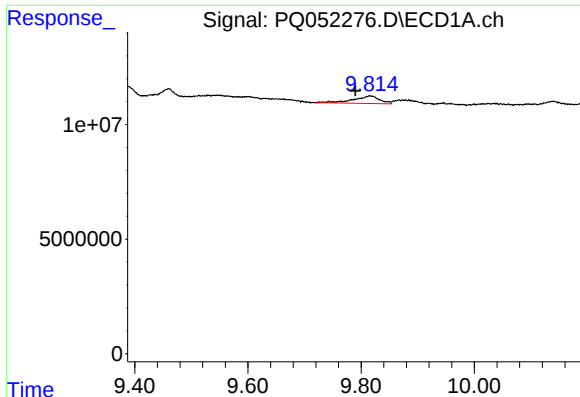
#40 AR-1262-5

R.T.: 10.608 min
Delta R.T.: 0.002 min
Response: 4415868
Conc: 4.06 ng/ml



#40 AR-1262-5

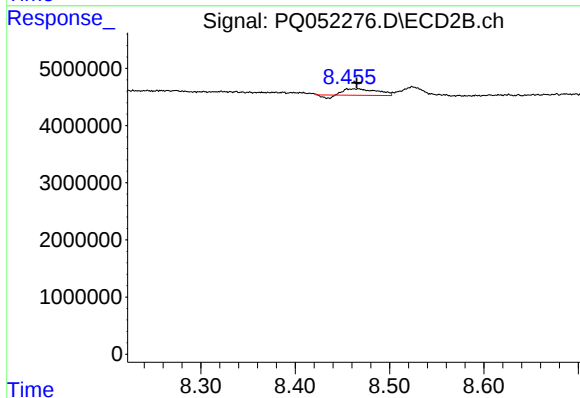
R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 1048098
Conc: 2.31 ng/ml



#41 AR-1268-1

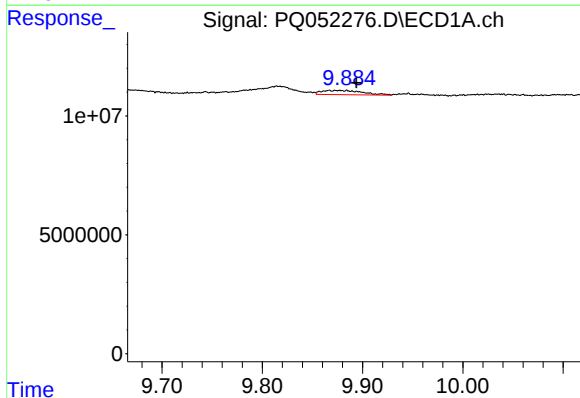
R.T.: 9.815 min
Delta R.T.: 0.025 min
Response: 10586016
Conc: 3.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



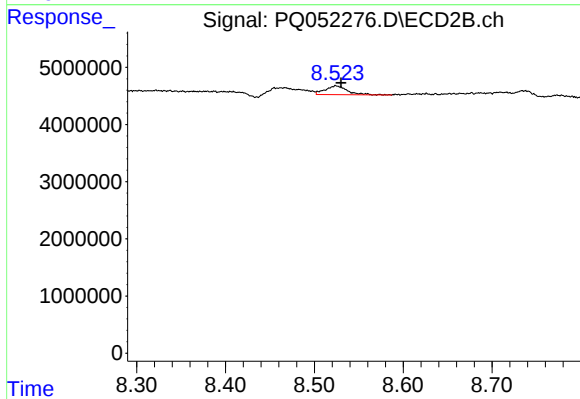
#41 AR-1268-1

R.T.: 8.467 min
Delta R.T.: 0.002 min
Response: 2525440
Conc: 1.57 ng/ml



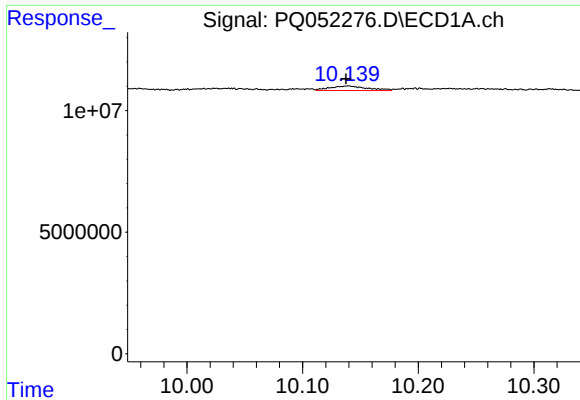
#42 AR-1268-2

R.T.: 9.867 min
Delta R.T.: -0.027 min
Response: 5174524
Conc: 1.58 ng/ml



#42 AR-1268-2

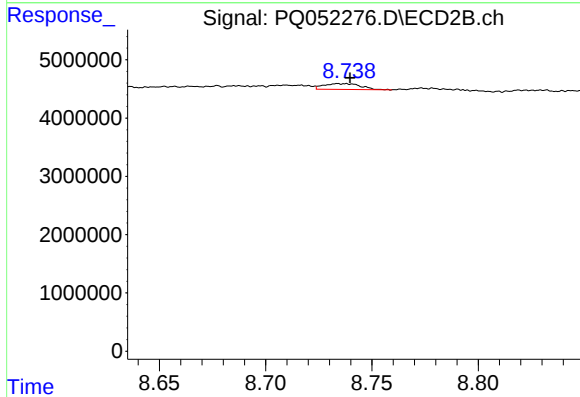
R.T.: 8.524 min
Delta R.T.: -0.006 min
Response: 2670482
Conc: 1.79 ng/ml



#43 AR-1268-3

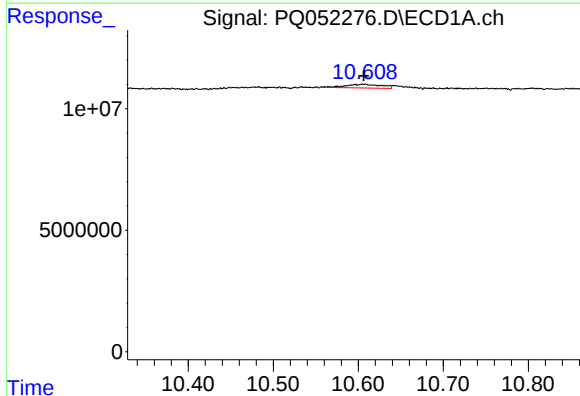
R.T.: 10.139 min
Delta R.T.: 0.002 min
Response: 4155737
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



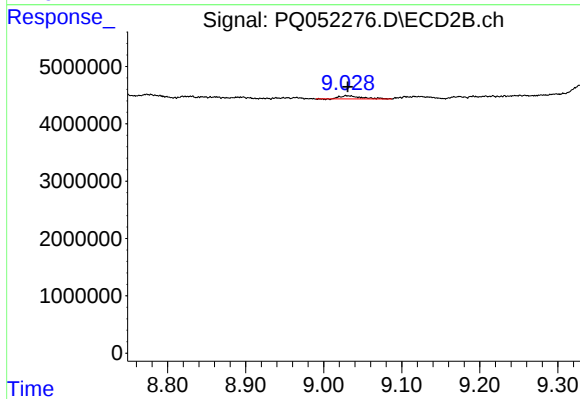
#43 AR-1268-3

R.T.: 8.734 min
Delta R.T.: -0.005 min
Response: 1195600
Conc: 0.95 ng/ml



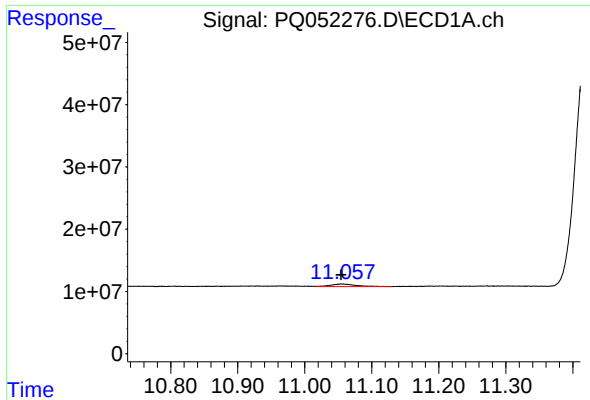
#44 AR-1268-4

R.T.: 10.608 min
Delta R.T.: 0.002 min
Response: 4415868
Conc: 3.62 ng/ml



#44 AR-1268-4

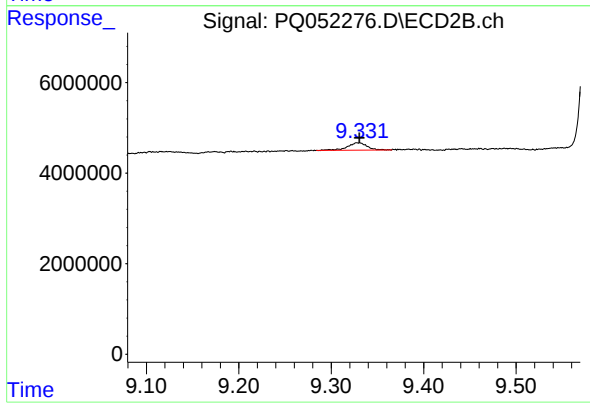
R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 1048098
Conc: 2.01 ng/ml



#45 AR-1268-5

R.T.: 11.056 min
Delta R.T.: 0.001 min
Response: 10615880
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.002 min
Response: 2383593
Conc: 0.59 ng/ml