

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
 Data File : PQ052265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2021 12:02
 Operator : DD\AJ
 Sample : PB134657BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 01:51:36 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	559.9E6	204.4E6	22.800	24.368
2)	SA Decachlor...	11.420	9.591	1070.7E6	400.5E6	52.243	51.932
Target Compounds							
3)	L1 AR-1016-1	6.552	5.505	90699140	34598214	112.882	112.323
4)	L1 AR-1016-2	6.576	5.525	136.5E6	48389928	115.592	112.858
5)	L1 AR-1016-3	6.643	5.718	80092477	24671444	112.218	112.627
6)	L1 AR-1016-4	6.751	5.768	66198455	18499953	109.962	110.472
7)	L1 AR-1016-5	7.065	5.999	62800108	24728979	111.615	115.797
8)	L2 AR-1221-1	5.483	4.500	16527470	3813586	64.804	42.192 #
9)	L2 AR-1221-2	5.580	4.602	15815560	6748704	89.916	106.654
10)	L2 AR-1221-3	5.665	4.691	45690780	15631944	77.600	72.493
11)	L3 AR-1232-1	5.665	4.691	45690780	15631944	92.979	86.443
12)	L3 AR-1232-2	6.257	5.525	66958347	48389928	260.163	245.096
13)	L3 AR-1232-3	6.576	5.718	136.5E6	24671444	259.402	250.807
14)	L3 AR-1232-4	6.751	5.813	66198455	22536372	252.526	272.273
15)	L3 AR-1232-5	6.845	5.999	54075787	24728979	292.711	277.952
16)	L4 AR-1242-1	6.552	5.505	90699140	34598214	131.976	131.338
17)	L4 AR-1242-2	6.576	5.525	136.5E6	48389928	135.167	131.702
18)	L4 AR-1242-3	6.643	5.718	80092477	24671444	131.888	129.409
19)	L4 AR-1242-4	6.751	5.813	66198455	22536372	130.183	127.605
20)	L4 AR-1242-5	7.533	6.378	27664967	20967329	49.037	83.631 #
21)	L5 AR-1248-1	6.552	5.505	90699140	34598214	165.602	168.248
22)	L5 AR-1248-2	6.845	5.768	54075787	18499953	70.353	68.447
23)	L5 AR-1248-3	7.065	5.813	62800108	22536372	71.128	80.820
24)	L5 AR-1248-4	7.493	5.999	21751790	24728979	20.922	74.318 #
25)	L5 AR-1248-5	7.533	6.378	27664967	20967329	27.006	58.642 #
26)	L6 AR-1254-1	7.463	6.378	73890941	20967329	74.381	39.317 #
27)	L6 AR-1254-2	7.689	6.537	85316365	20239568	55.199	44.324
28)	L6 AR-1254-3	8.075	6.976	74141110	40844491	43.867	54.314
29)	L6 AR-1254-4	8.367	7.196	75765819	12494760	60.405	24.765 #
30)	L6 AR-1254-5	8.796	7.625	217.2E6	75686804	161.643	111.279 #
31)	L7 AR-1260-1	8.240	7.095	165.1E6	66238519	165.199	161.725
32)	L7 AR-1260-2	8.503	7.291	180.2E6	85278745	146.692	160.614
33)	L7 AR-1260-3	8.870	7.447	123.4E6	59541574	134.964	124.586
34)	L7 AR-1260-4	9.113	7.930	149.9E6	46324290	139.112	114.369
35)	L7 AR-1260-5	9.459	8.176	235.3E6	118.7E6	103.686	110.281
36)	L8 AR-1262-1	8.870	7.625	123.4E6	75686804	78.392	219.183 #
37)	L8 AR-1262-2	9.459	8.176	235.3E6	118.7E6	78.528	88.540
38)	L8 AR-1262-3	9.817	8.464	149.0E6	20126260	74.867	38.492 #
39)	L8 AR-1262-4	9.872	8.526	82391464	77920040	54.144	79.743 #
40)	L8 AR-1262-5	10.609	9.030	60393937	27632411	55.504	60.970
41)	L9 AR-1268-1	9.817	8.464	149.0E6	20126260	42.396	12.496 #

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 Acq On : 16 Feb 2021 12:02
 Operator : DD\AJ
 Sample : PB134657BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

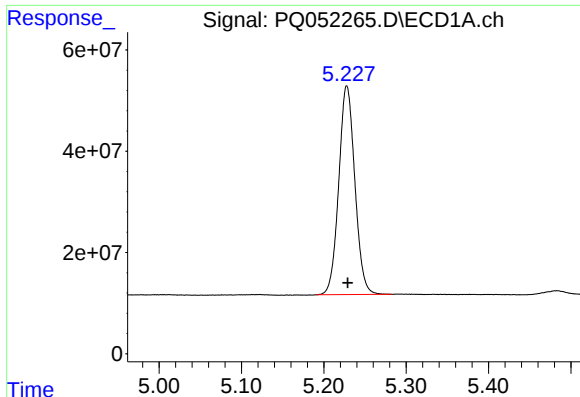
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 01:51:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.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	9.872	8.526	82391464	77920040	25.088	52.270 #
43) L9	AR-1268-3	10.136	8.737	8974293	5429185	3.226	4.330 #
44) L9	AR-1268-4	10.609	9.030	60393937	27632411	49.524	52.863
45) L9	AR-1268-5	11.056	9.329	25794274	10504890	2.640	2.614

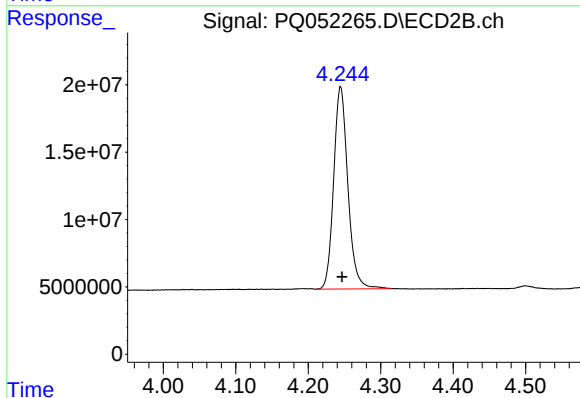
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

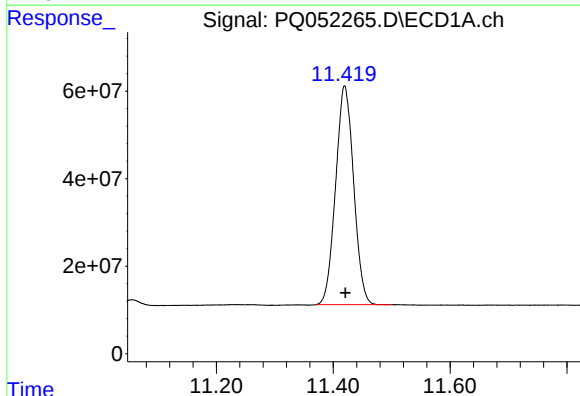
R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 559939506
Conc: 22.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



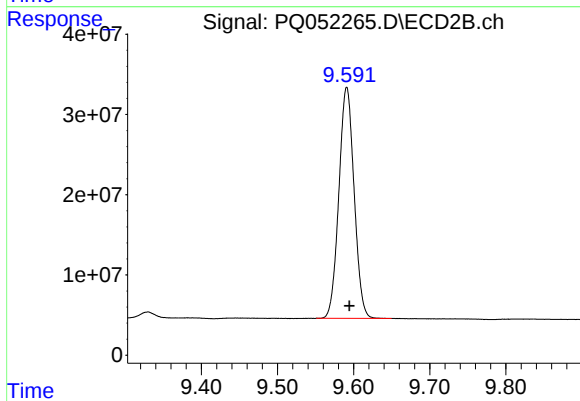
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.002 min
Response: 204404160
Conc: 24.37 ng/ml



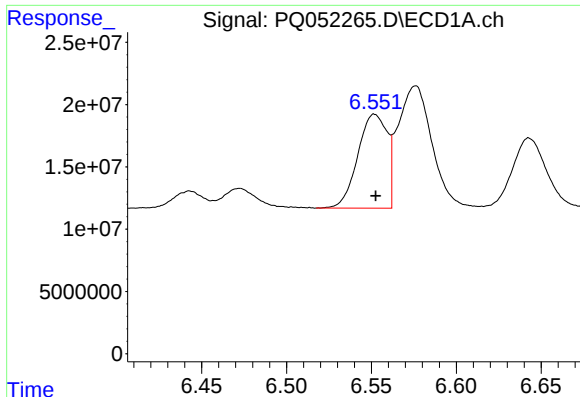
#2 Decachlorobiphenyl

R.T.: 11.420 min
Delta R.T.: -0.001 min
Response: 1070712708
Conc: 52.24 ng/ml



#2 Decachlorobiphenyl

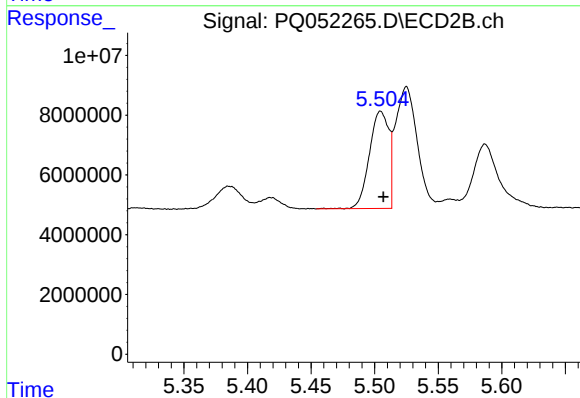
R.T.: 9.591 min
Delta R.T.: -0.004 min
Response: 400543968
Conc: 51.93 ng/ml



#3 AR-1016-1

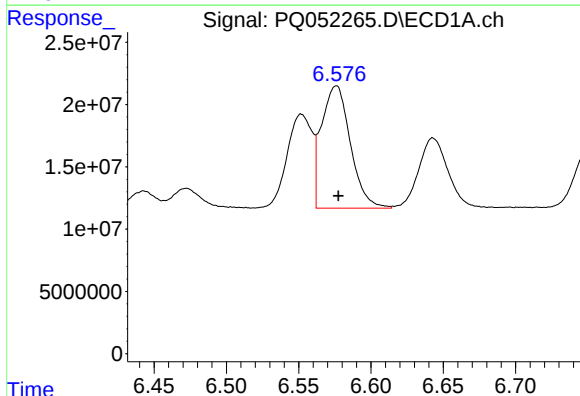
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 90699140
Conc: 112.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



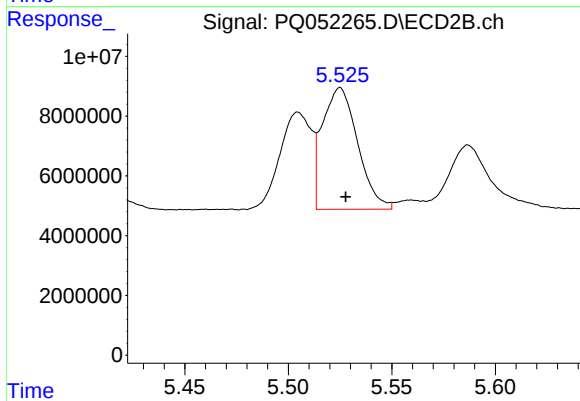
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 34598214
Conc: 112.32 ng/ml



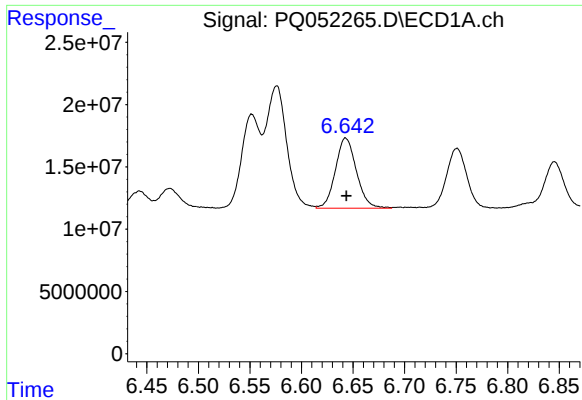
#4 AR-1016-2

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 136464869
Conc: 115.59 ng/ml



#4 AR-1016-2

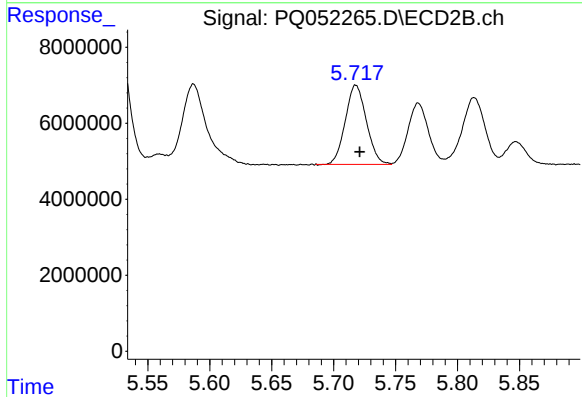
R.T.: 5.525 min
Delta R.T.: -0.003 min
Response: 48389928
Conc: 112.86 ng/ml



#5 AR-1016-3

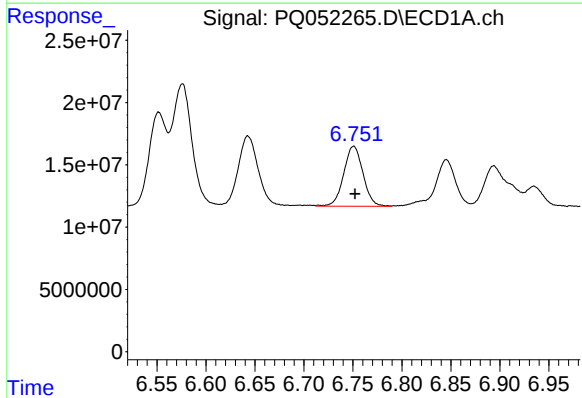
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 80092477
Conc: 112.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



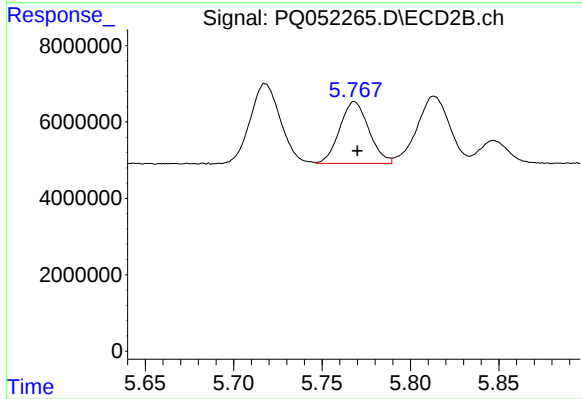
#5 AR-1016-3

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 24671444
Conc: 112.63 ng/ml



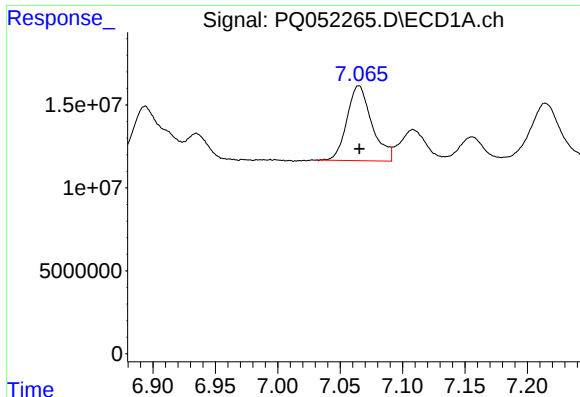
#6 AR-1016-4

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 66198455
Conc: 109.96 ng/ml



#6 AR-1016-4

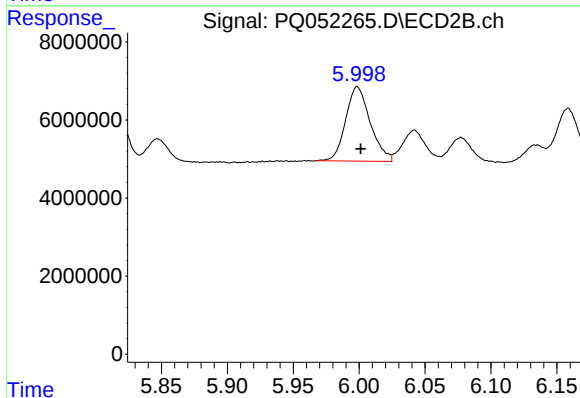
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 18499953
Conc: 110.47 ng/ml



#7 AR-1016-5

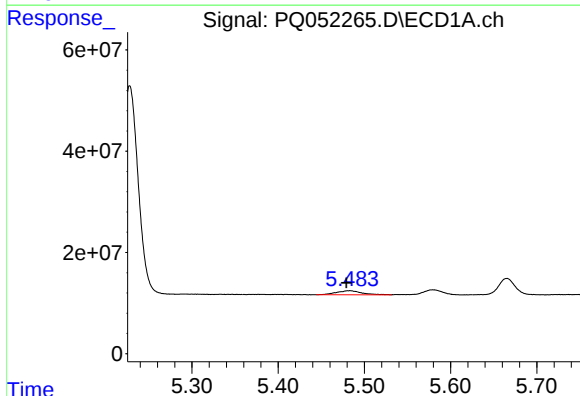
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 62800108
Conc: 111.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



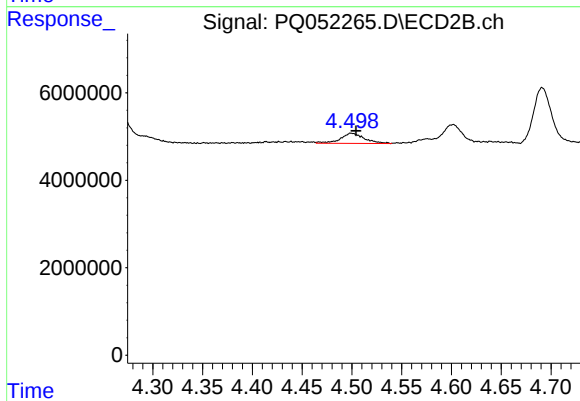
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 24728979
Conc: 115.80 ng/ml



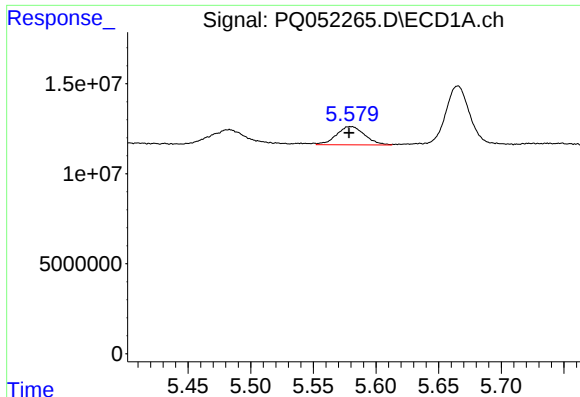
#8 AR-1221-1

R.T.: 5.483 min
Delta R.T.: 0.003 min
Response: 16527470
Conc: 64.80 ng/ml



#8 AR-1221-1

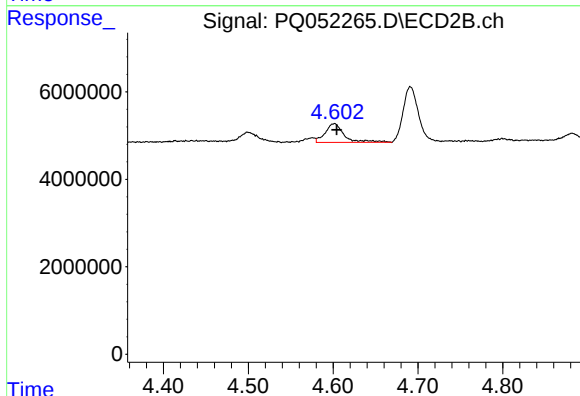
R.T.: 4.500 min
Delta R.T.: -0.005 min
Response: 3813586
Conc: 42.19 ng/ml



#9 AR-1221-2

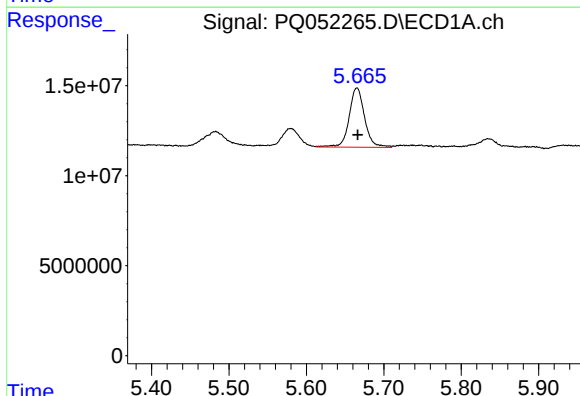
R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 15815560
Conc: 89.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



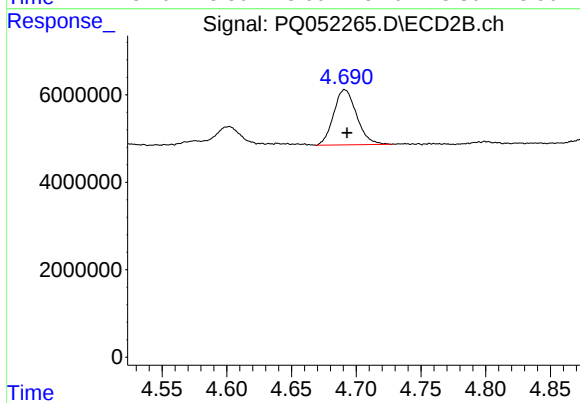
#9 AR-1221-2

R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 6748704
Conc: 106.65 ng/ml



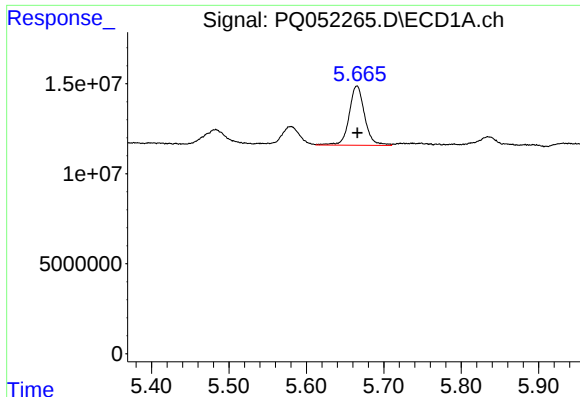
#10 AR-1221-3

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 45690780
Conc: 77.60 ng/ml



#10 AR-1221-3

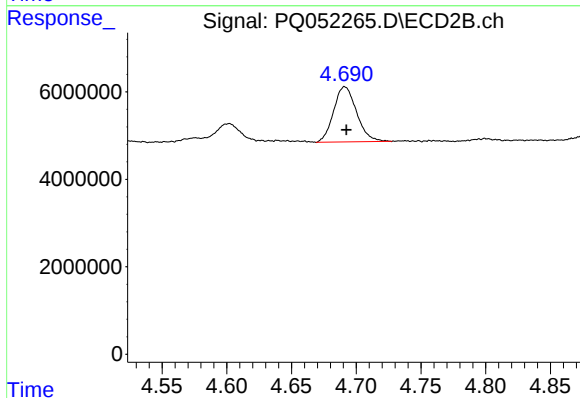
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 15631944
Conc: 72.49 ng/ml



#11 AR-1232-1

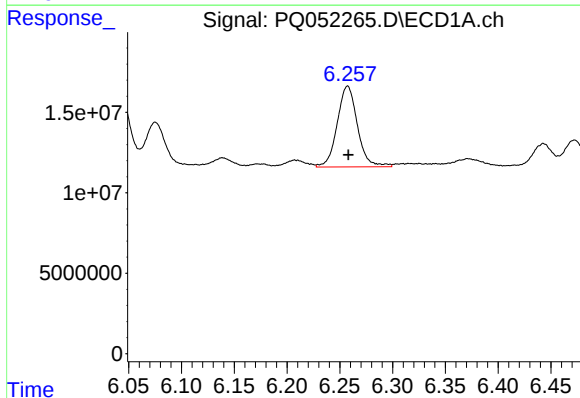
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 45690780
Conc: 92.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



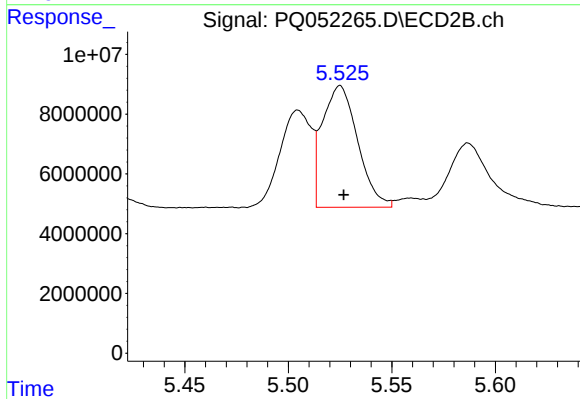
#11 AR-1232-1

R.T.: 4.691 min
Delta R.T.: -0.001 min
Response: 15631944
Conc: 86.44 ng/ml



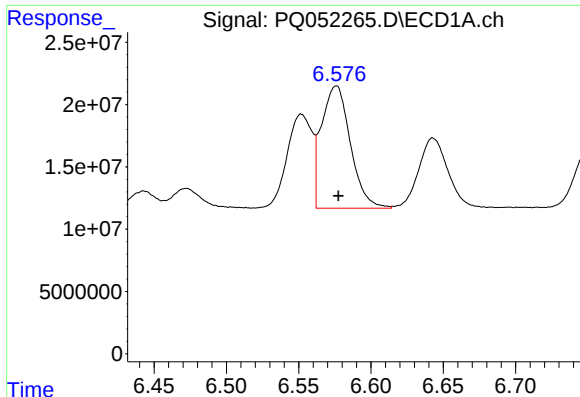
#12 AR-1232-2

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 66958347
Conc: 260.16 ng/ml



#12 AR-1232-2

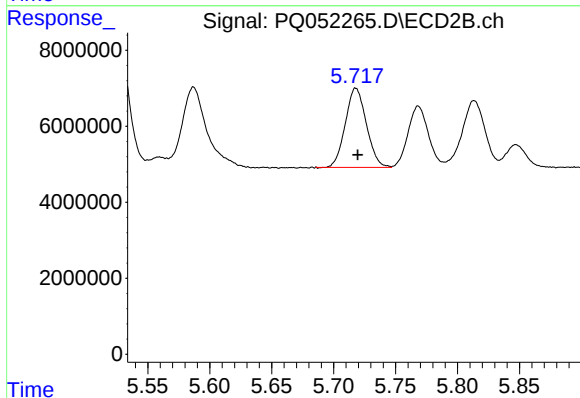
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 48389928
Conc: 245.10 ng/ml



#13 AR-1232-3

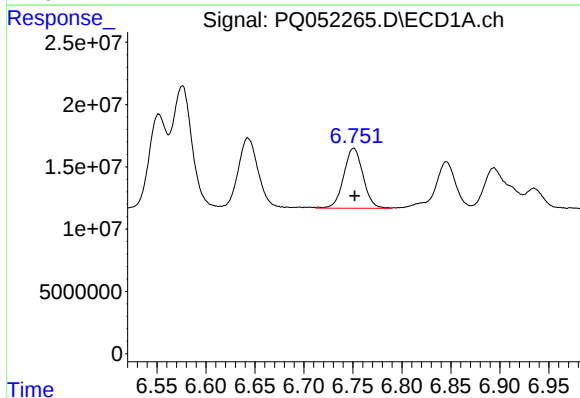
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 136464869
Conc: 259.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



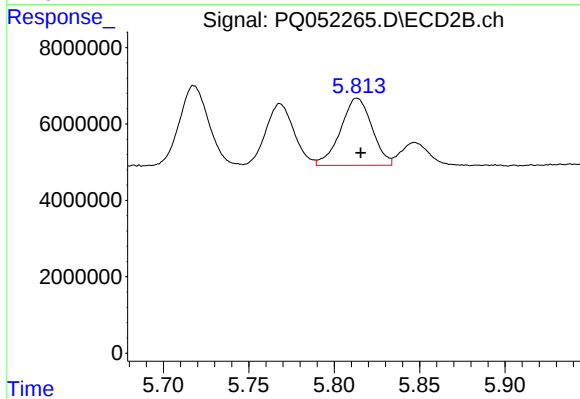
#13 AR-1232-3

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 24671444
Conc: 250.81 ng/ml



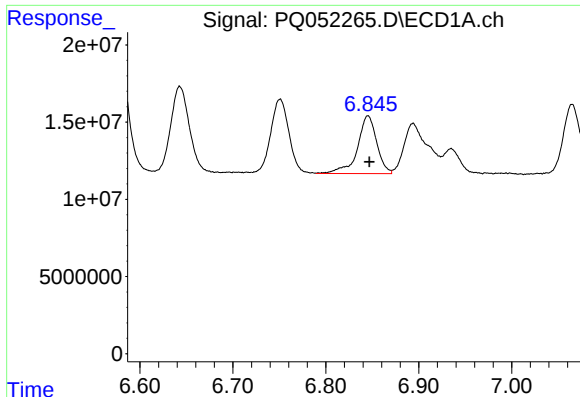
#14 AR-1232-4

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 66198455
Conc: 252.53 ng/ml



#14 AR-1232-4

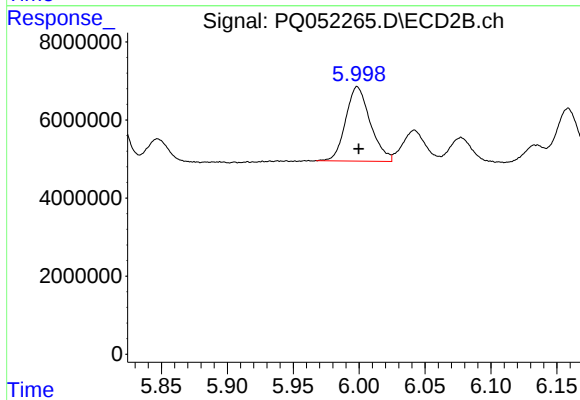
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 22536372
Conc: 272.27 ng/ml



#15 AR-1232-5

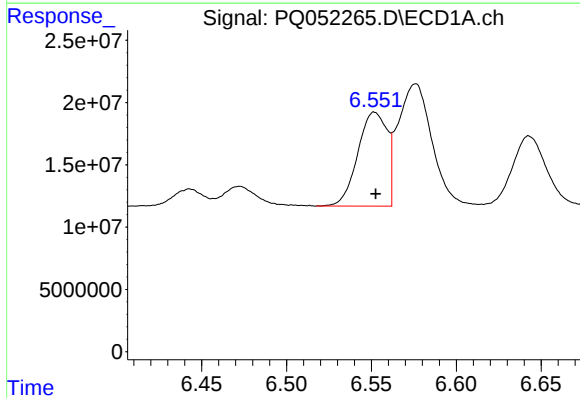
R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 54075787
Conc: 292.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



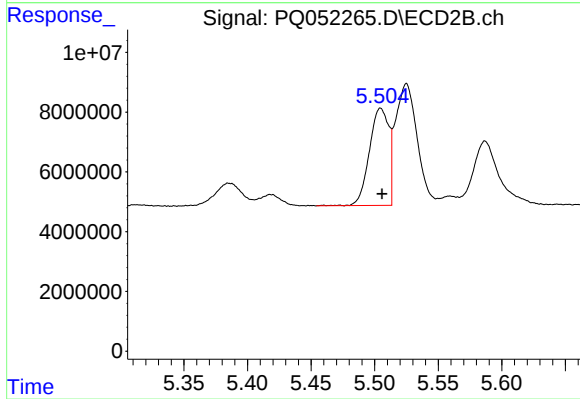
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 24728979
Conc: 277.95 ng/ml



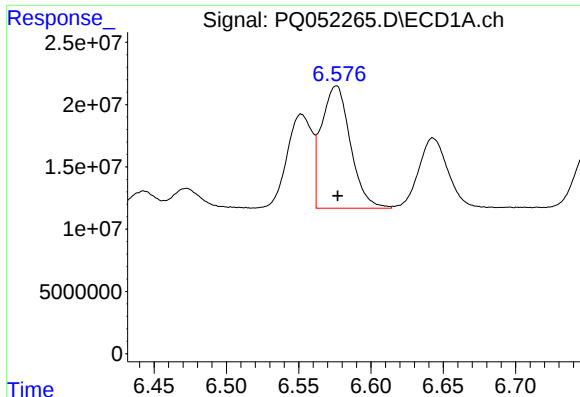
#16 AR-1242-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 90699140
Conc: 131.98 ng/ml



#16 AR-1242-1

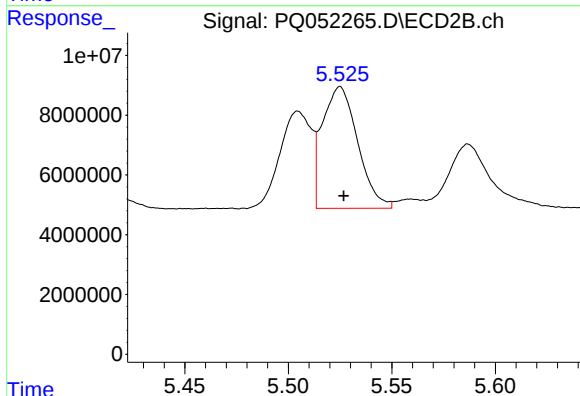
R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 34598214
Conc: 131.34 ng/ml



#17 AR-1242-2

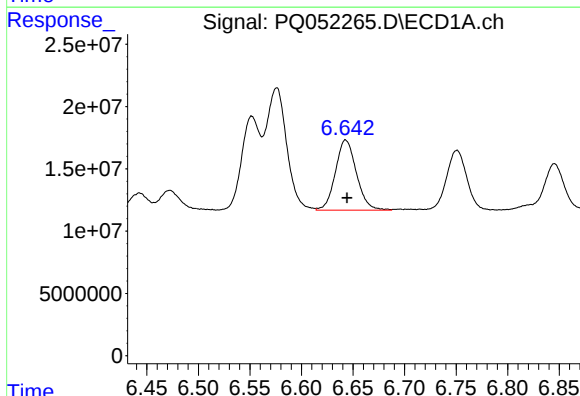
R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 136464869
Conc: 135.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



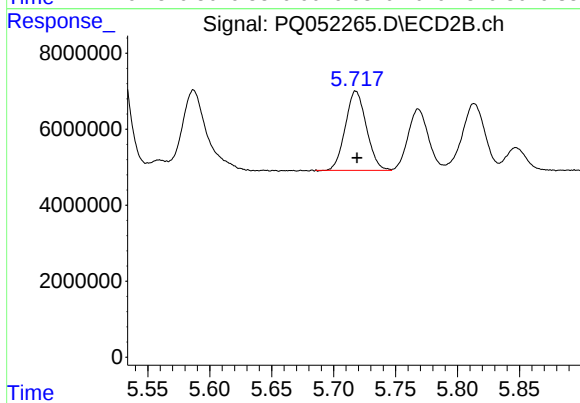
#17 AR-1242-2

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 48389928
Conc: 131.70 ng/ml



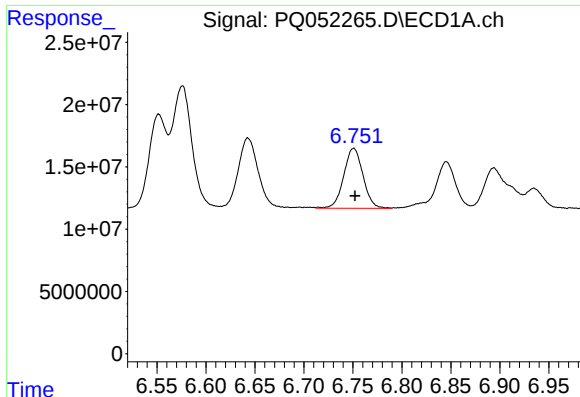
#18 AR-1242-3

R.T.: 6.643 min
Delta R.T.: -0.001 min
Response: 80092477
Conc: 131.89 ng/ml



#18 AR-1242-3

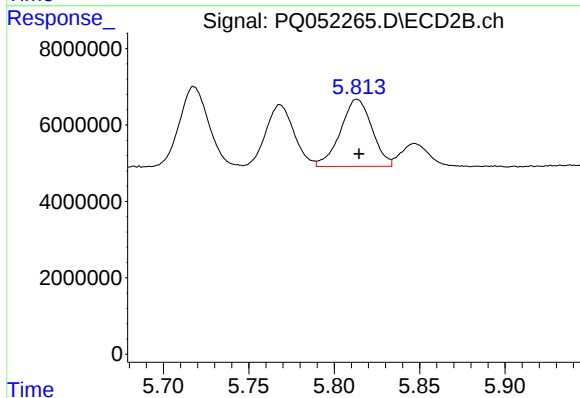
R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 24671444
Conc: 129.41 ng/ml



#19 AR-1242-4

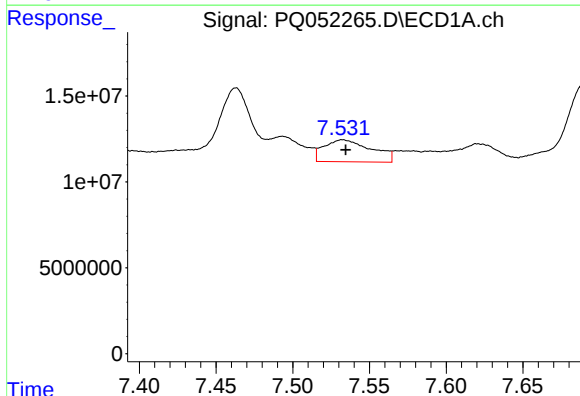
R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 66198455
Conc: 130.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



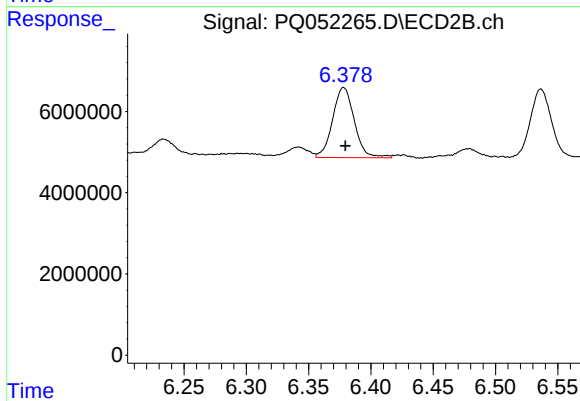
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 22536372
Conc: 127.61 ng/ml



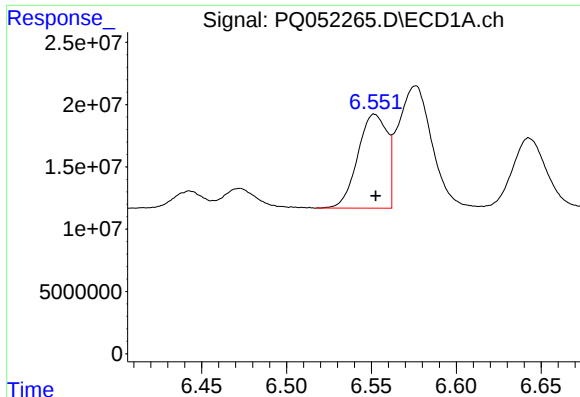
#20 AR-1242-5

R.T.: 7.533 min
Delta R.T.: -0.002 min
Response: 27664967
Conc: 49.04 ng/ml



#20 AR-1242-5

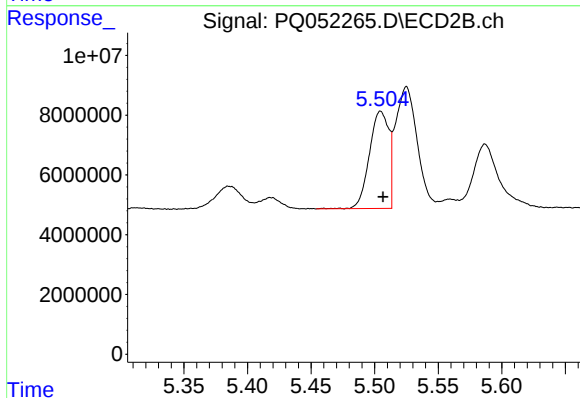
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 20967329
Conc: 83.63 ng/ml



#21 AR-1248-1

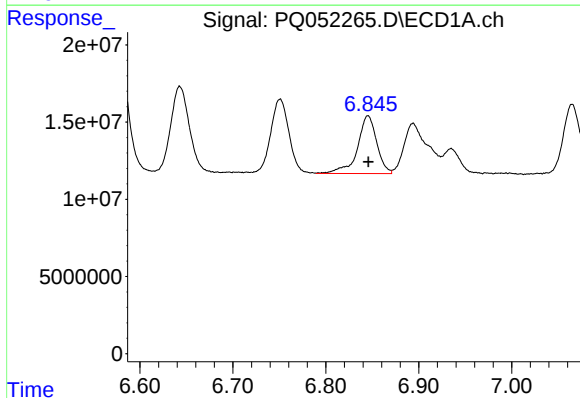
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 90699140
Conc: 165.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



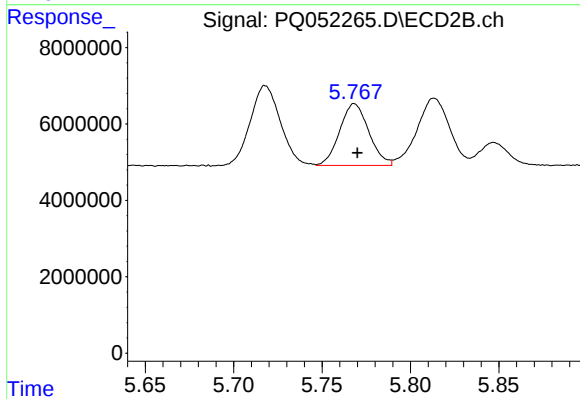
#21 AR-1248-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 34598214
Conc: 168.25 ng/ml



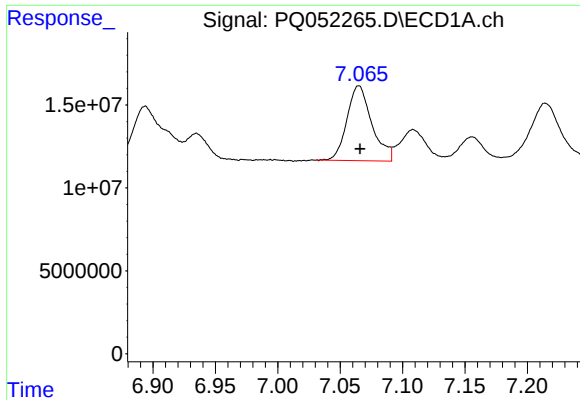
#22 AR-1248-2

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 54075787
Conc: 70.35 ng/ml



#22 AR-1248-2

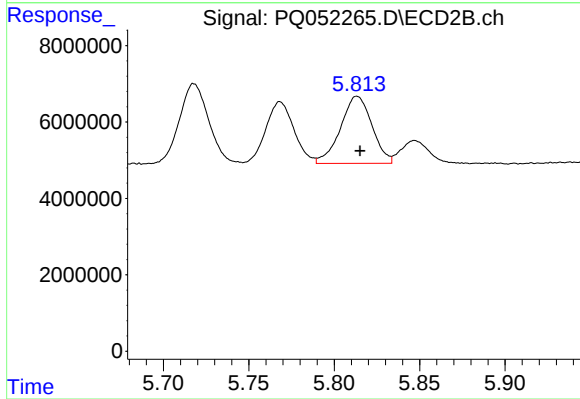
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 18499953
Conc: 68.45 ng/ml



#23 AR-1248-3

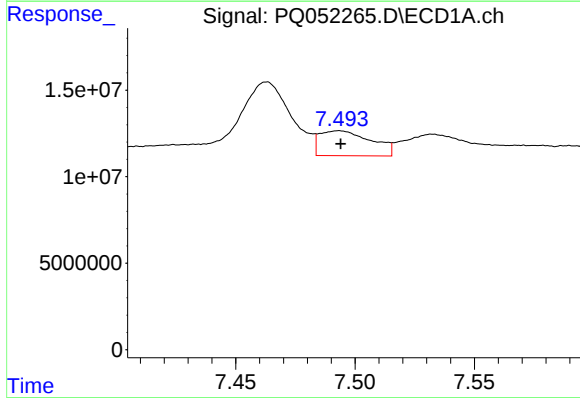
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 62800108
Conc: 71.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



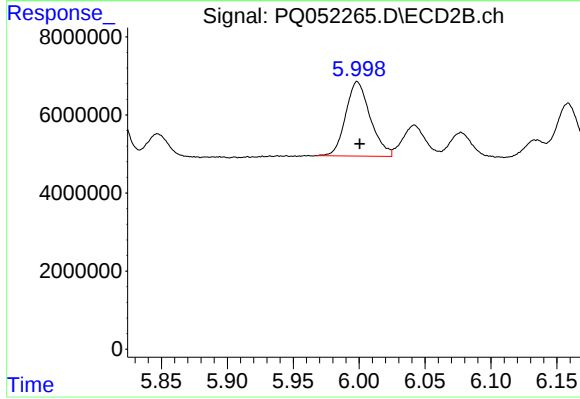
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 22536372
Conc: 80.82 ng/ml



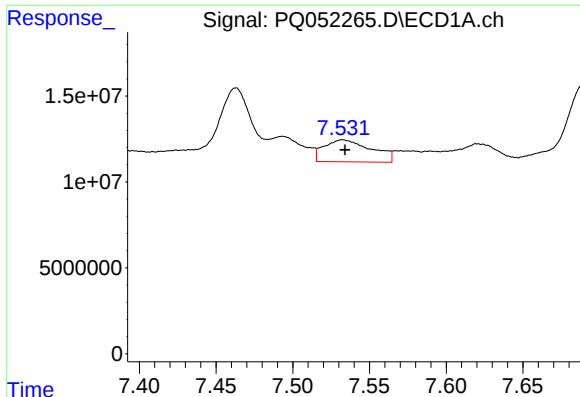
#24 AR-1248-4

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 21751790
Conc: 20.92 ng/ml



#24 AR-1248-4

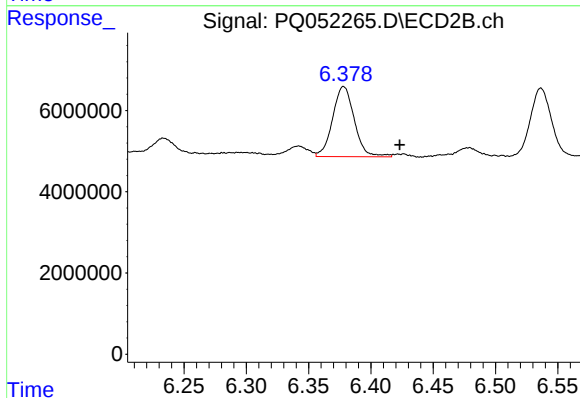
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 24728979
Conc: 74.32 ng/ml



#25 AR-1248-5

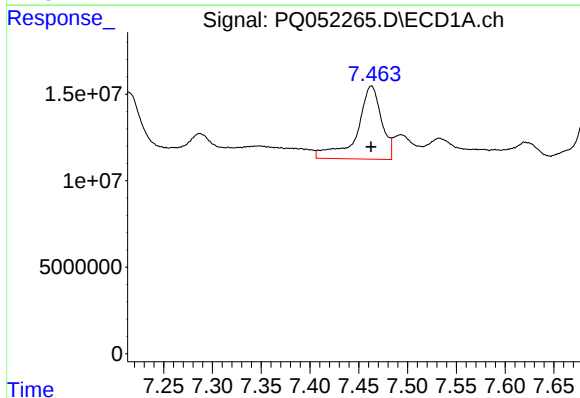
R.T.: 7.533 min
Delta R.T.: -0.002 min
Response: 27664967
Conc: 27.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



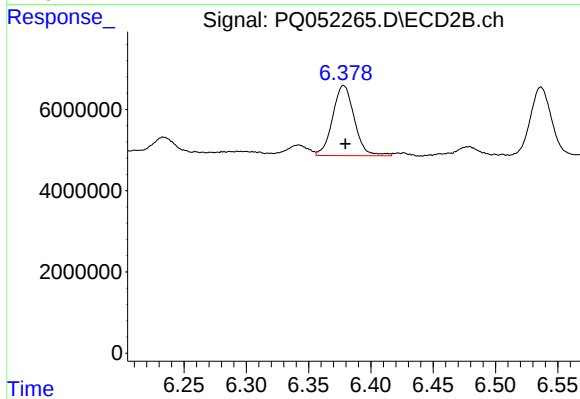
#25 AR-1248-5

R.T.: 6.378 min
Delta R.T.: -0.045 min
Response: 20967329
Conc: 58.64 ng/ml



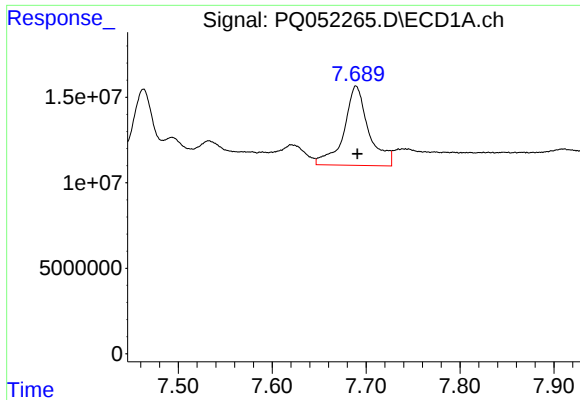
#26 AR-1254-1

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 73890941
Conc: 74.38 ng/ml



#26 AR-1254-1

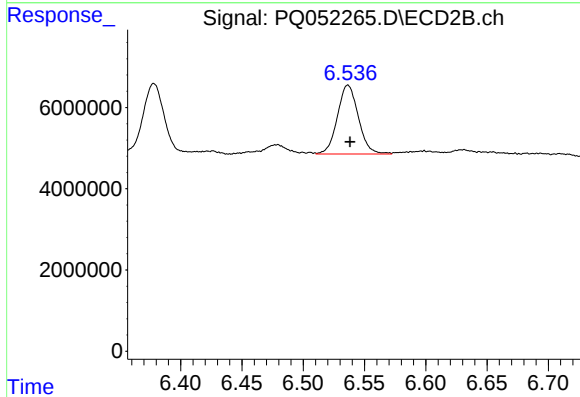
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 20967329
Conc: 39.32 ng/ml



#27 AR-1254-2

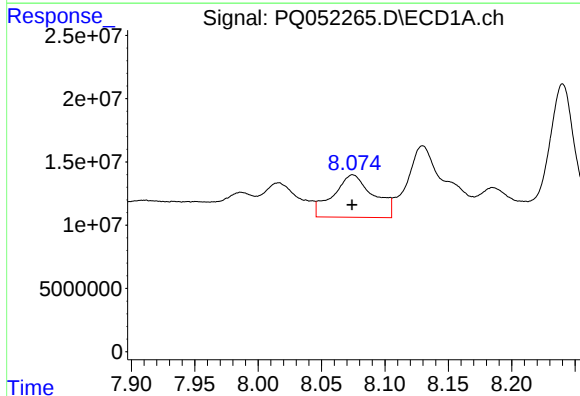
R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 85316365
Conc: 55.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



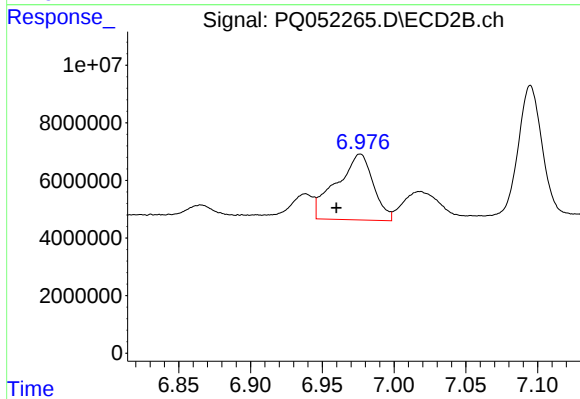
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 20239568
Conc: 44.32 ng/ml



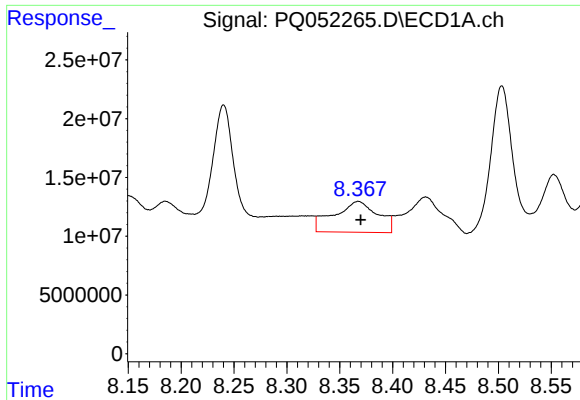
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 74141110
Conc: 43.87 ng/ml



#28 AR-1254-3

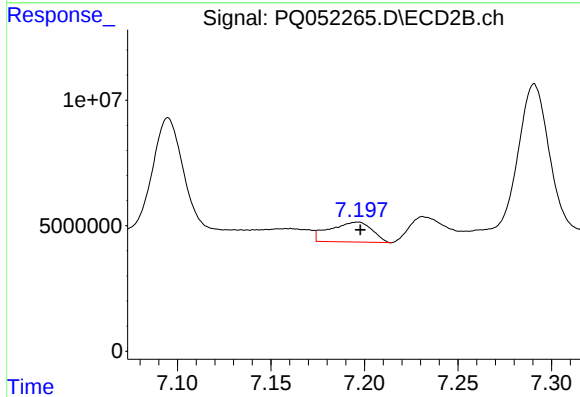
R.T.: 6.976 min
Delta R.T.: 0.017 min
Response: 40844491
Conc: 54.31 ng/ml



#29 AR-1254-4

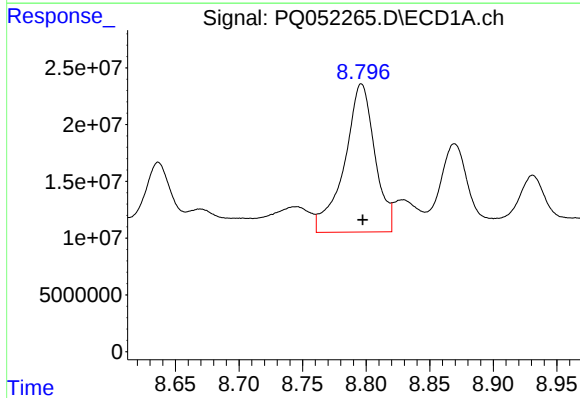
R.T.: 8.367 min
Delta R.T.: -0.002 min
Response: 75765819
Conc: 60.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



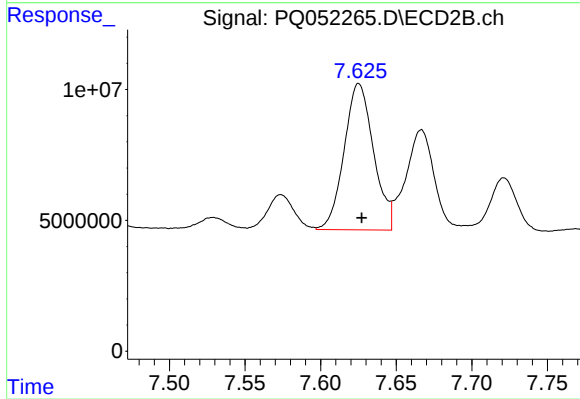
#29 AR-1254-4

R.T.: 7.196 min
Delta R.T.: -0.001 min
Response: 12494760
Conc: 24.76 ng/ml



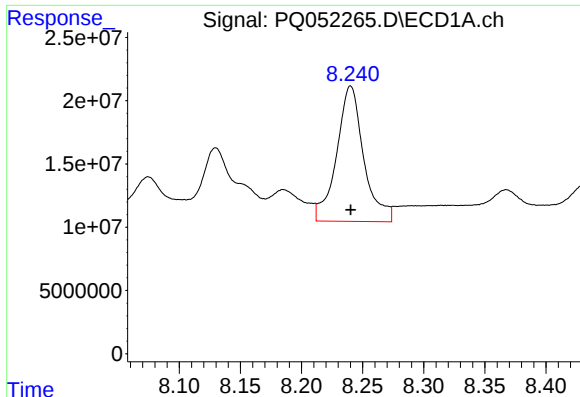
#30 AR-1254-5

R.T.: 8.796 min
Delta R.T.: -0.001 min
Response: 217217100
Conc: 161.64 ng/ml



#30 AR-1254-5

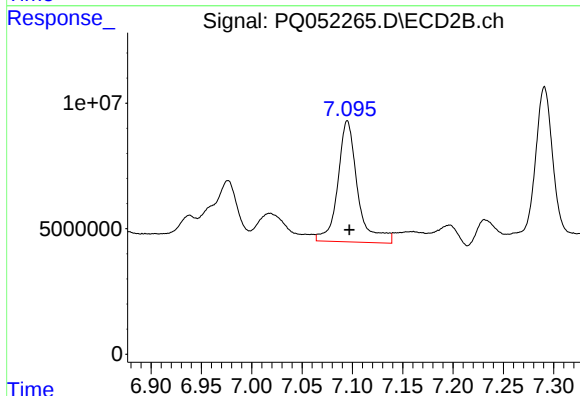
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 75686804
Conc: 111.28 ng/ml



#31 AR-1260-1

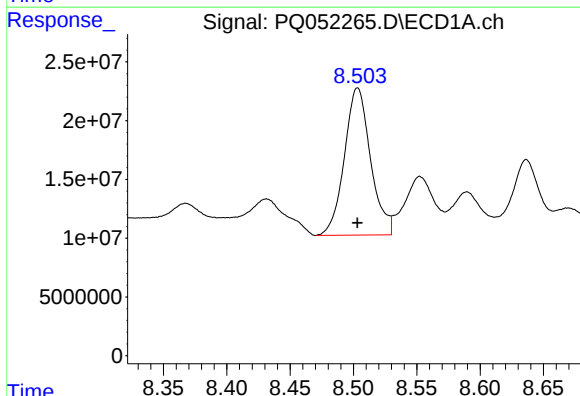
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 165094881
Conc: 165.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



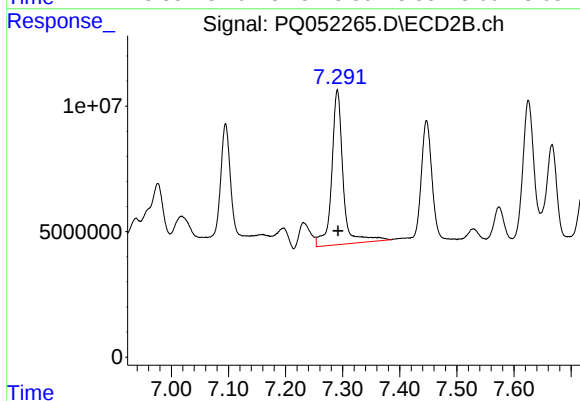
#31 AR-1260-1

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 66238519
Conc: 161.72 ng/ml



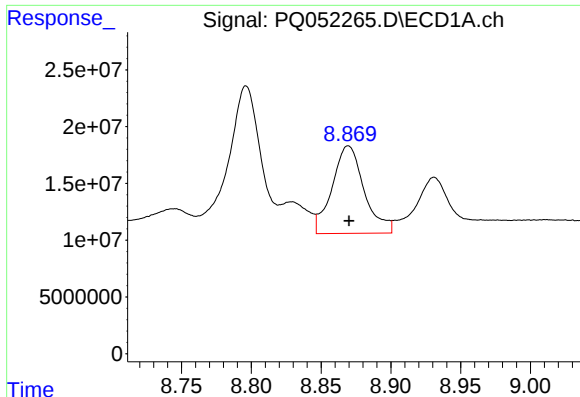
#32 AR-1260-2

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 180177373
Conc: 146.69 ng/ml



#32 AR-1260-2

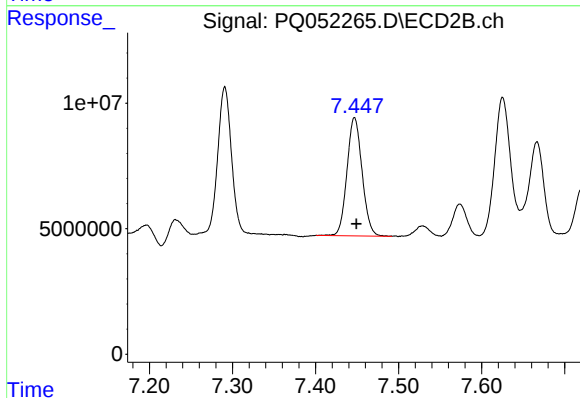
R.T.: 7.291 min
Delta R.T.: -0.001 min
Response: 85278745
Conc: 160.61 ng/ml



#33 AR-1260-3

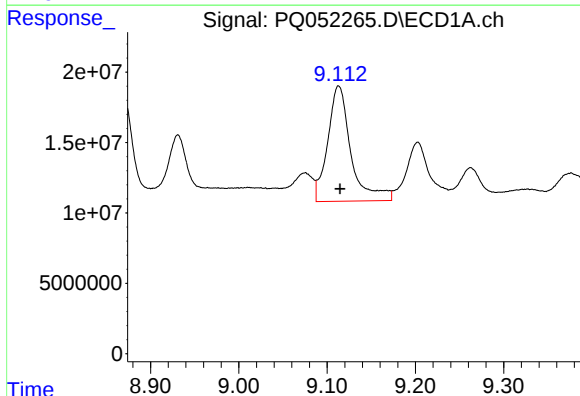
R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 123424408
Conc: 134.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



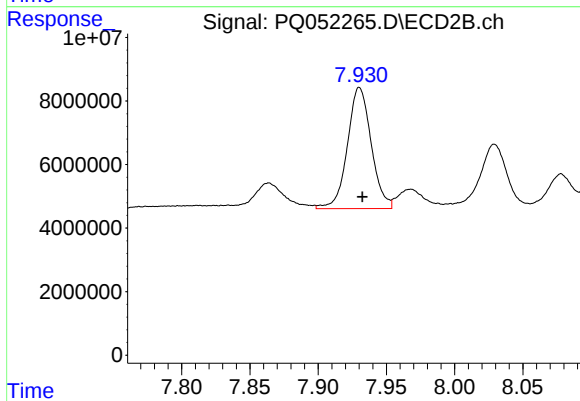
#33 AR-1260-3

R.T.: 7.447 min
Delta R.T.: -0.002 min
Response: 59541574
Conc: 124.59 ng/ml



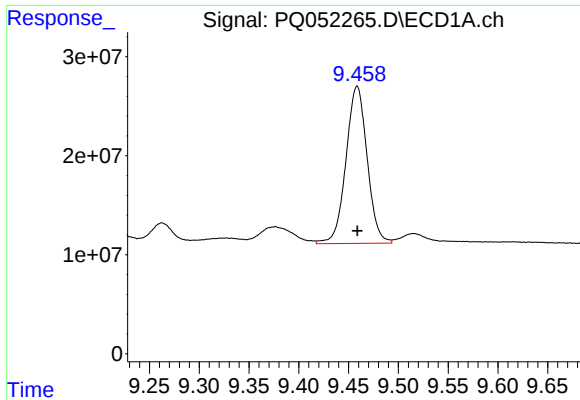
#34 AR-1260-4

R.T.: 9.113 min
Delta R.T.: -0.001 min
Response: 149881504
Conc: 139.11 ng/ml



#34 AR-1260-4

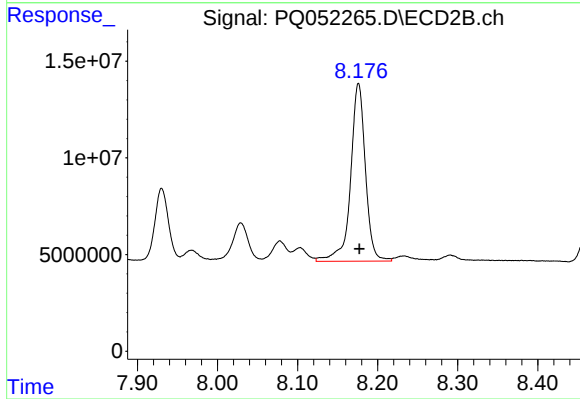
R.T.: 7.930 min
Delta R.T.: -0.002 min
Response: 46324290
Conc: 114.37 ng/ml



#35 AR-1260-5

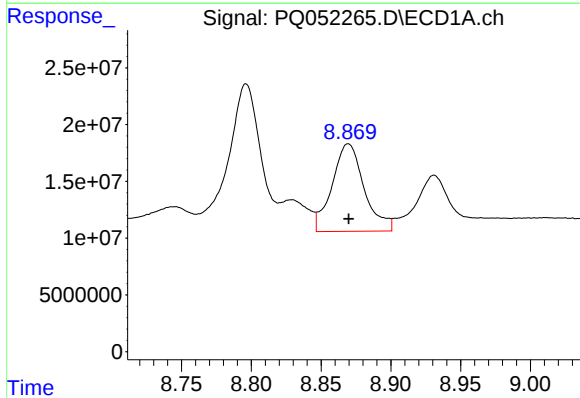
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 235256651
Conc: 103.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



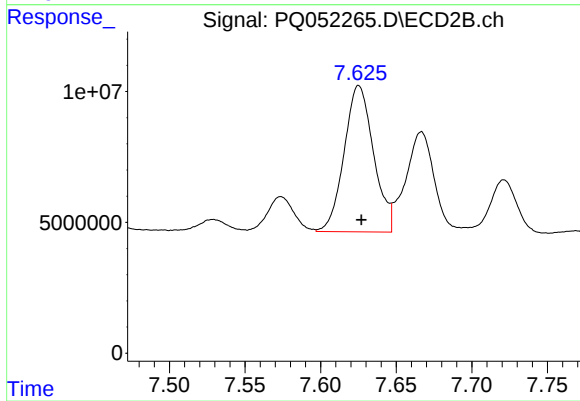
#35 AR-1260-5

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 118741103
Conc: 110.28 ng/ml



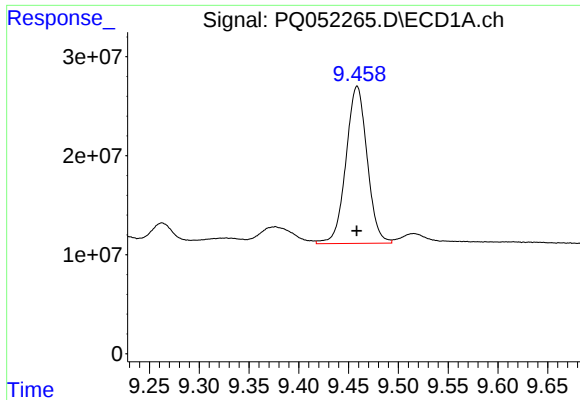
#36 AR-1262-1

R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 123424408
Conc: 78.39 ng/ml



#36 AR-1262-1

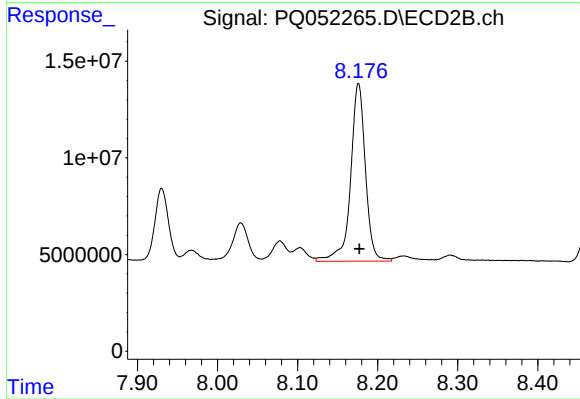
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 75686804
Conc: 219.18 ng/ml



#37 AR-1262-2

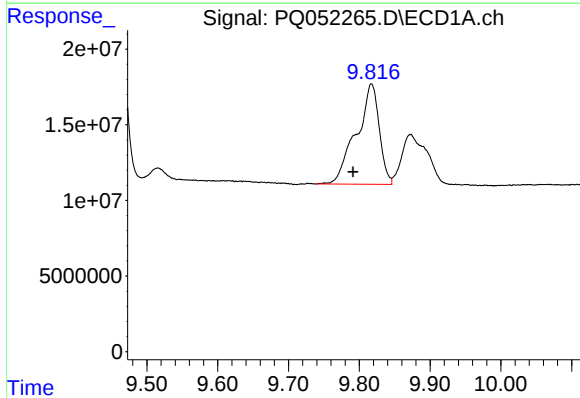
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 235256651
Conc: 78.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



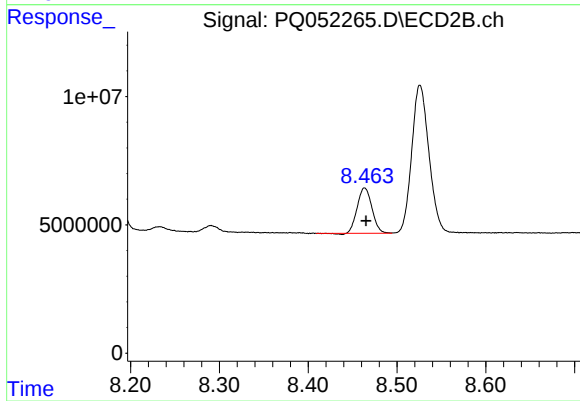
#37 AR-1262-2

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 118741103
Conc: 88.54 ng/ml



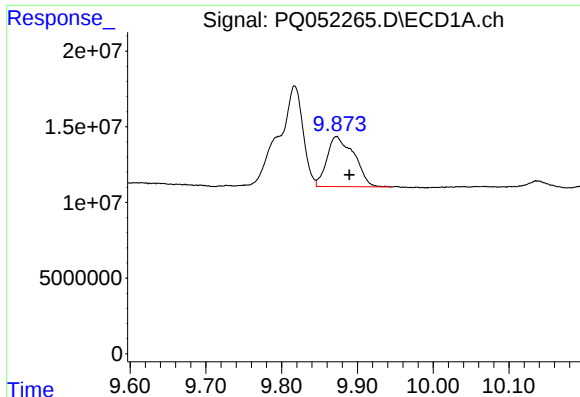
#38 AR-1262-3

R.T.: 9.817 min
Delta R.T.: 0.026 min
Response: 149032263
Conc: 74.87 ng/ml



#38 AR-1262-3

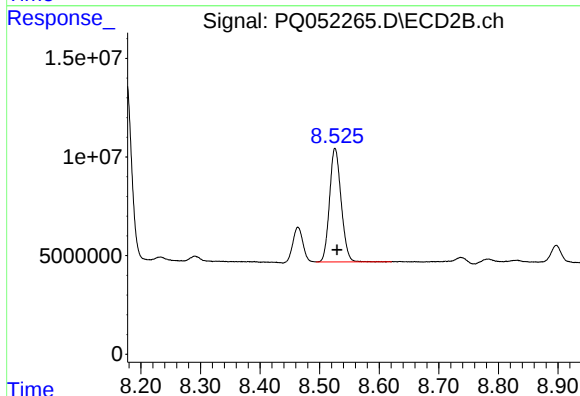
R.T.: 8.464 min
Delta R.T.: -0.002 min
Response: 20126260
Conc: 38.49 ng/ml



#39 AR-1262-4

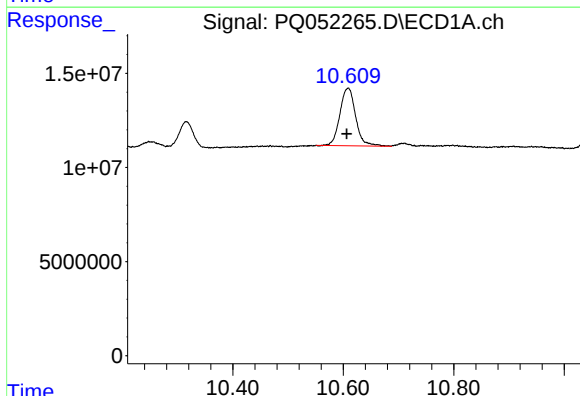
R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 82391464
Conc: 54.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



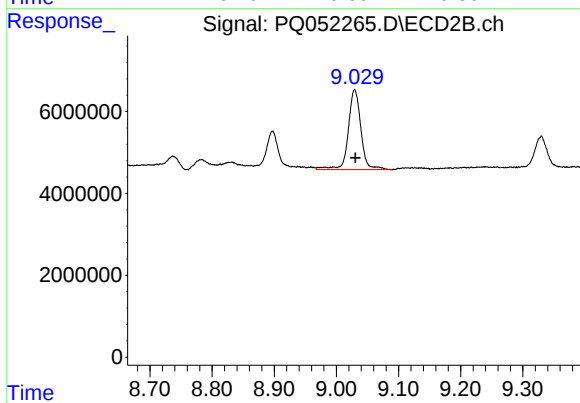
#39 AR-1262-4

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 77920040
Conc: 79.74 ng/ml



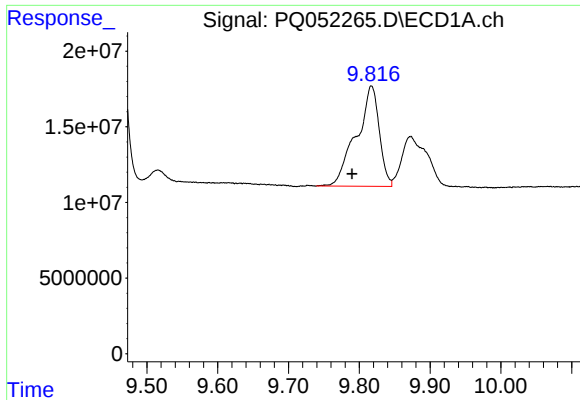
#40 AR-1262-5

R.T.: 10.609 min
Delta R.T.: 0.002 min
Response: 60393937
Conc: 55.50 ng/ml



#40 AR-1262-5

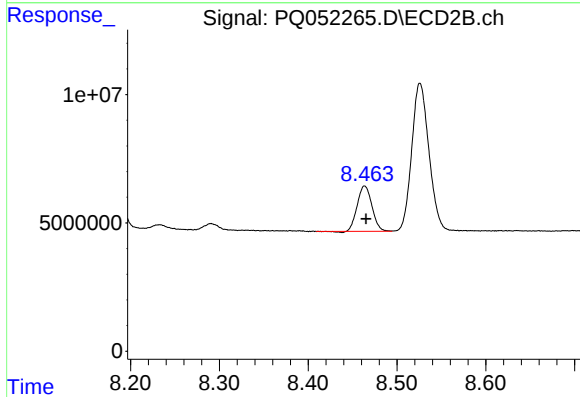
R.T.: 9.030 min
Delta R.T.: -0.001 min
Response: 27632411
Conc: 60.97 ng/ml



#41 AR-1268-1

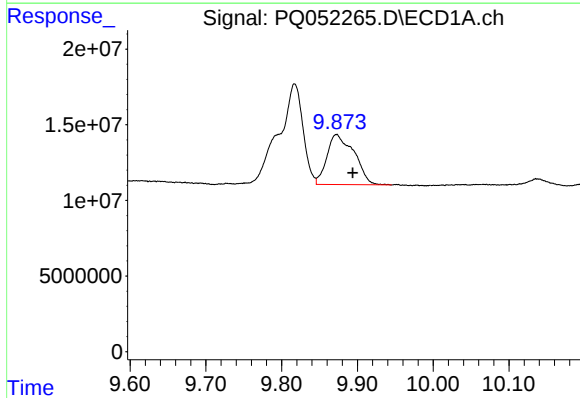
R.T.: 9.817 min
Delta R.T.: 0.027 min
Response: 149032263
Conc: 42.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



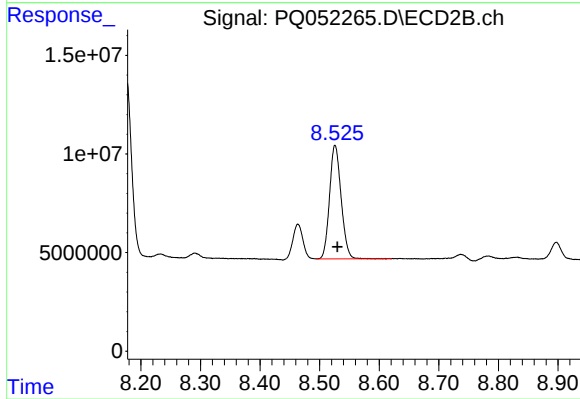
#41 AR-1268-1

R.T.: 8.464 min
Delta R.T.: -0.001 min
Response: 20126260
Conc: 12.50 ng/ml



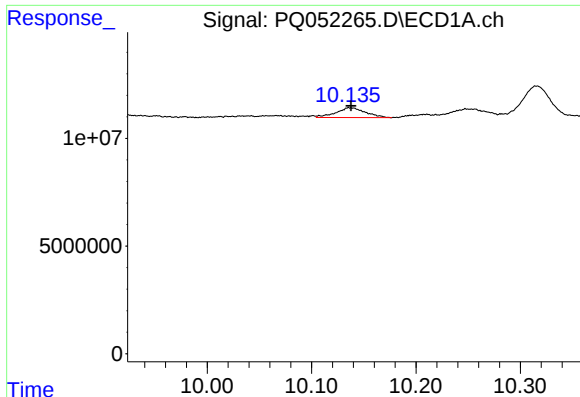
#42 AR-1268-2

R.T.: 9.872 min
Delta R.T.: -0.021 min
Response: 82391464
Conc: 25.09 ng/ml



#42 AR-1268-2

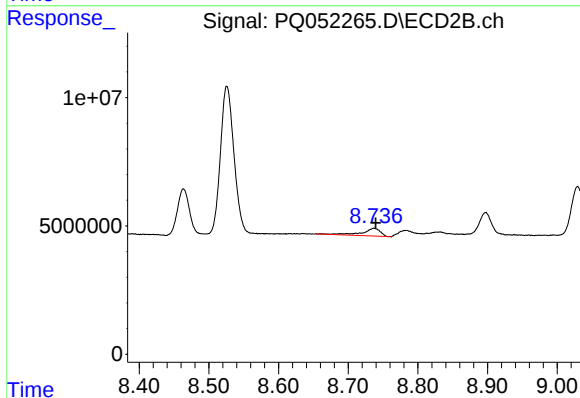
R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 77920040
Conc: 52.27 ng/ml



#43 AR-1268-3

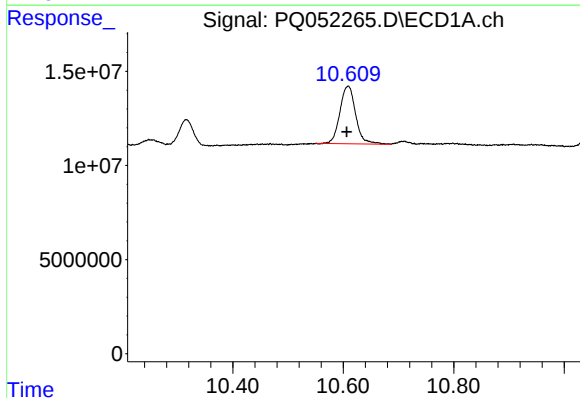
R.T.: 10.136 min
Delta R.T.: -0.001 min
Response: 8974293
Conc: 3.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



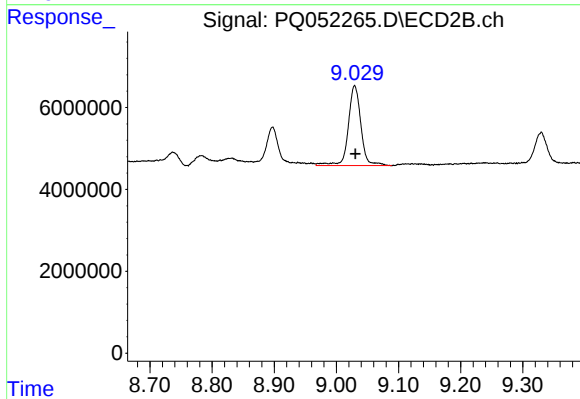
#43 AR-1268-3

R.T.: 8.737 min
Delta R.T.: -0.002 min
Response: 5429185
Conc: 4.33 ng/ml



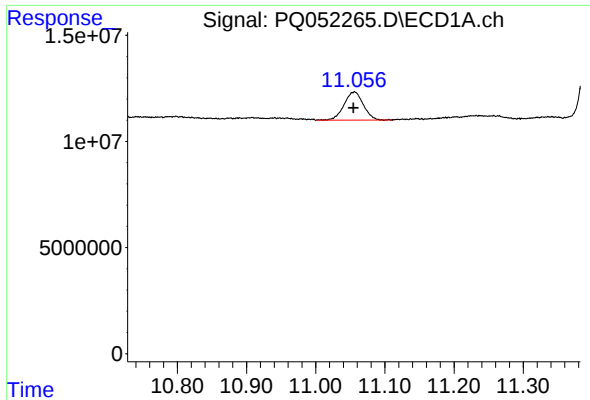
#44 AR-1268-4

R.T.: 10.609 min
Delta R.T.: 0.002 min
Response: 60393937
Conc: 49.52 ng/ml



#44 AR-1268-4

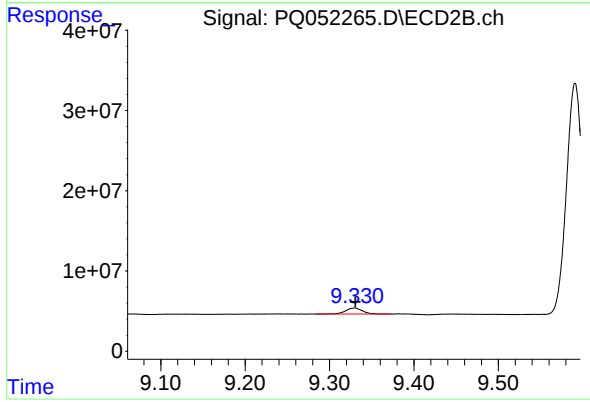
R.T.: 9.030 min
Delta R.T.: -0.001 min
Response: 27632411
Conc: 52.86 ng/ml



#45 AR-1268-5

R.T.: 11.056 min
Delta R.T.: 0.001 min
Response: 25794274
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.001 min
Response: 10504890
Conc: 2.61 ng/ml