

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
 Data File : PQ045445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2019 20:25
 Operator : SM\AJ
 Sample : PB125138BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 01:48:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 2019
 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...	5.098	4.306	95571445	53222634	29.053	31.204
2)	SA Decachlor...	11.155	9.718	328.7E6	269.7E6	50.374	51.538
Target Compounds							
3)	L1 AR-1016-1	6.411	5.584	22016507	11969624	178.871	172.000
4)	L1 AR-1016-2	6.434	5.604	34274367	17775009	175.605	167.618
5)	L1 AR-1016-3	6.500	5.801	21276278	9182960	175.264	173.059
6)	L1 AR-1016-4	6.607	5.849	16889796	7859737	174.753	168.139
7)	L1 AR-1016-5	6.921	6.083	16864357	10189064	166.007	160.665
8)	L2 AR-1221-1	5.341	4.566	1603452	1123201	45.109	53.741
9)	L2 AR-1221-2	5.444	4.671	2982617	1567632	112.407	122.119
10)	L2 AR-1221-3	5.529	4.761	8857113	5630249	98.095	117.357
11)	L3 AR-1232-1	5.529	4.761	8857113	5630249	139.370	158.887
12)	L3 AR-1232-2	6.118	5.604	16711721	17775009	417.780	400.486
13)	L3 AR-1232-3	6.434	5.801	34274367	9182960	425.520	414.653
14)	L3 AR-1232-4	6.607	5.894	16889796	9861049	427.319	436.991
15)	L3 AR-1232-5	6.704	6.083	15671897	10189064	469.410	419.567
16)	L4 AR-1242-1	6.411	5.584	22016507	11969624	212.906	202.923
17)	L4 AR-1242-2	6.434	5.604	34274367	17775009	210.124	202.760
18)	L4 AR-1242-3	6.500	5.801	21276278	9182960	208.023	203.786
19)	L4 AR-1242-4	6.607	5.894	16889796	9861049	210.095	203.160
20)	L4 AR-1242-5	7.387	6.465	3803020	8789960	40.525	126.663 #
21)	L5 AR-1248-1	6.411	5.584	22016507	11969624	271.715	258.663
22)	L5 AR-1248-2	6.704	5.849	15671897	7859737	123.317	116.601
23)	L5 AR-1248-3	6.921	5.894	16864357	9861049	121.101	138.862
24)	L5 AR-1248-4	7.318	6.083	19231055	10189064	118.441	117.150
25)	L5 AR-1248-5	7.387	6.510	3803020	1540560	24.278	16.295 #
26)	L6 AR-1254-1	7.318	6.465	19231055	8789960	116.895	60.569 #
27)	L6 AR-1254-2	7.546	6.623	14936924	9153956	56.987	68.421
28)	L6 AR-1254-3	7.929	7.065	9736914	17578086	34.057	73.332 #
29)	L6 AR-1254-4	8.221	7.289	7883485	2253733	36.382	13.498 #
30)	L6 AR-1254-5	8.651	7.722	61189590	43932517	248.662	170.492 #
31)	L7 AR-1260-1	8.096	7.186	39006795	27231145	182.582	177.898
32)	L7 AR-1260-2	8.360	7.382	45836284	35943799	188.099	179.934
33)	L7 AR-1260-3	8.727	7.542	30236671	32520344	152.527	176.754
34)	L7 AR-1260-4	8.960	8.028	35959951	27257498	157.294	150.237
35)	L7 AR-1260-5	9.292	8.275	71639052	73136992	137.666	142.950
36)	L8 AR-1262-1	8.786	7.722	15679027	43932517	113.394	301.159 #
37)	L8 AR-1262-2	9.292	8.275	71639052	73136992	110.517	112.410
38)	L8 AR-1262-3	9.633	8.563	48991699	16262030	107.080	61.045 #
39)	L8 AR-1262-4	9.688	8.630	28218431	56475843	77.399	107.881 #
40)	L8 AR-1262-5	10.385	9.143	20524750	19352159	72.012	70.368
41)	L9 AR-1268-1	9.633	8.563	48991699	16262030	57.978	20.250 #

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 Acq On : 26 Nov 2019 20:25
 Operator : SM\AJ
 Sample : PB125138BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

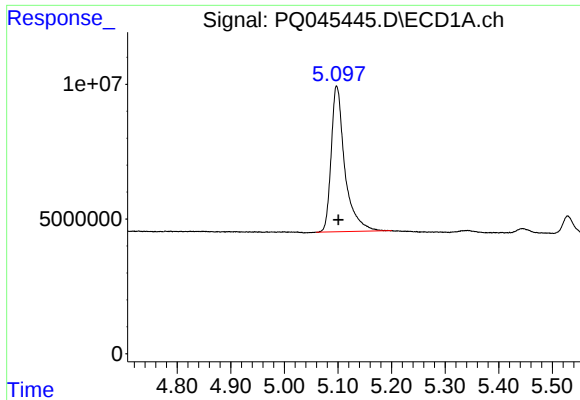
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 01:48:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.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	9.688	8.630	28218431	56475843	34.114	74.251 #
43) L9	AR-1268-3	9.942	8.838	3985878	3448604	5.678	5.519
44) L9	AR-1268-4	10.385	9.143	20524750	19352159	62.436	60.808
45) L9	AR-1268-5	10.809	9.451	9249466	7662475	3.435	3.175

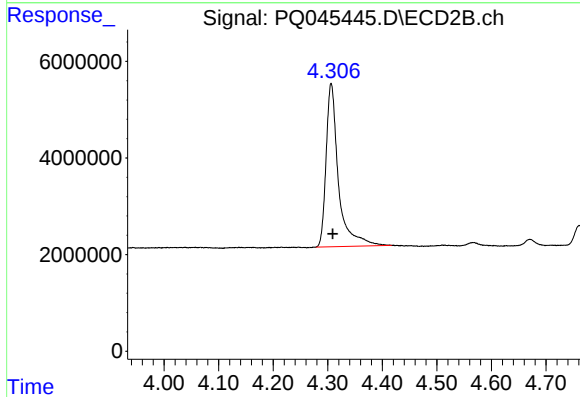
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

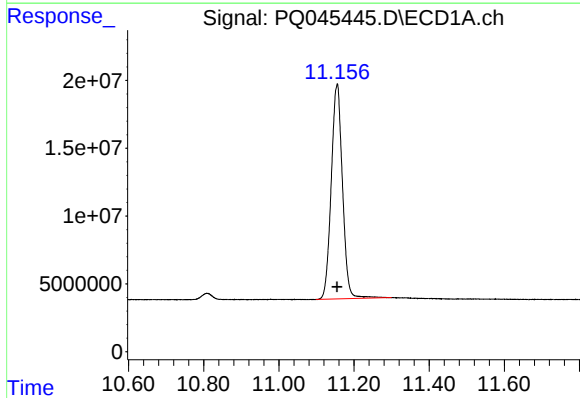
R.T.: 5.098 min
Delta R.T.: -0.003 min
Response: 95571445
Conc: 29.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



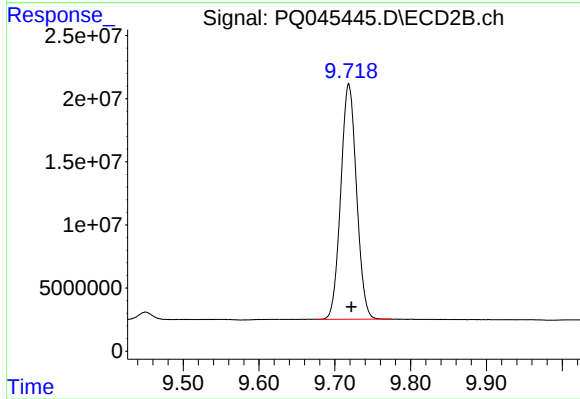
#1 Tetrachloro-m-xylene

R.T.: 4.306 min
Delta R.T.: -0.003 min
Response: 53222634
Conc: 31.20 ng/ml



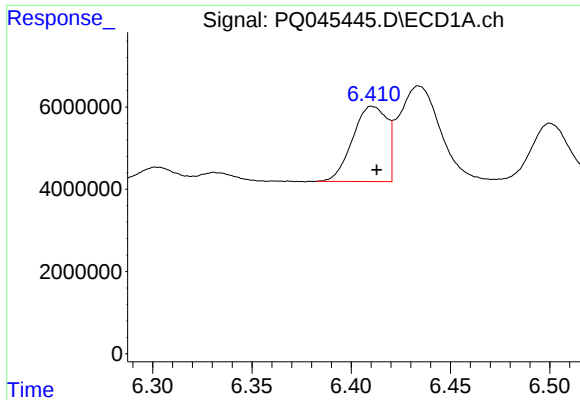
#2 Decachlorobiphenyl

R.T.: 11.155 min
Delta R.T.: 0.000 min
Response: 328707613
Conc: 50.37 ng/ml



#2 Decachlorobiphenyl

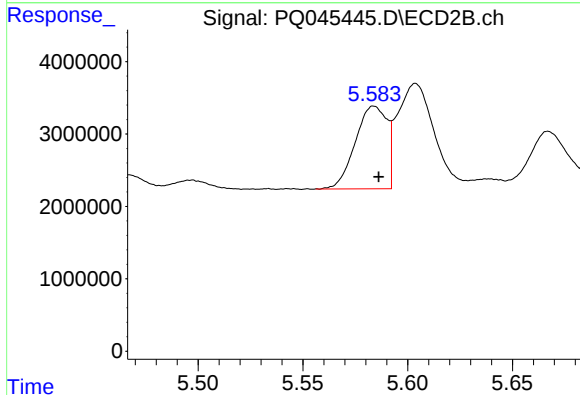
R.T.: 9.718 min
Delta R.T.: -0.004 min
Response: 269657223
Conc: 51.54 ng/ml



#3 AR-1016-1

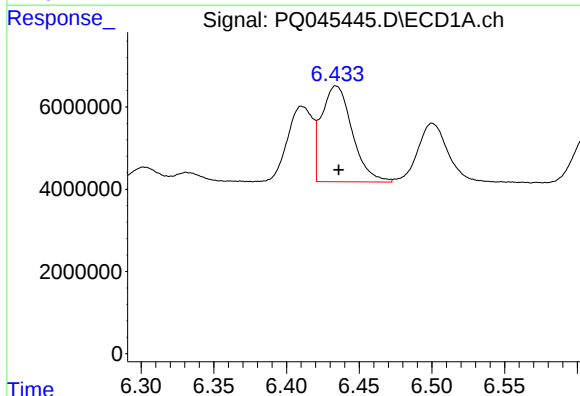
R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 22016507
Conc: 178.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



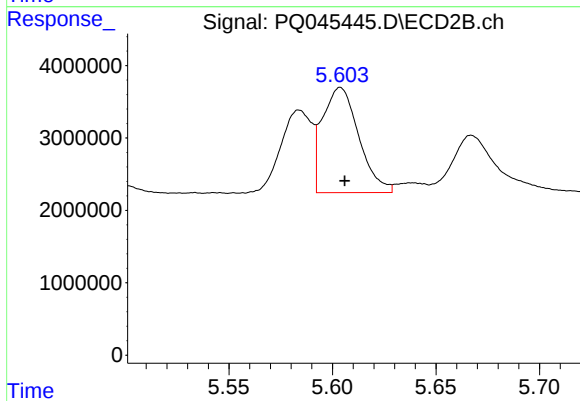
#3 AR-1016-1

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 11969624
Conc: 172.00 ng/ml



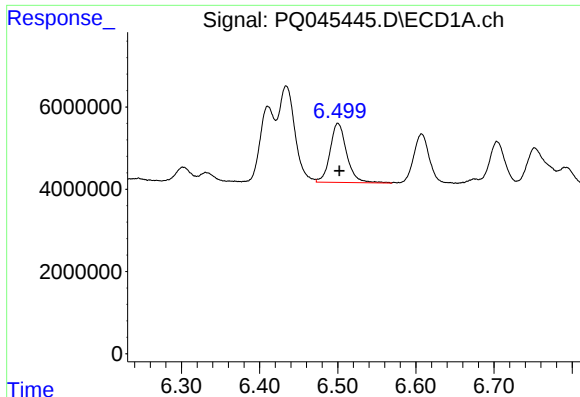
#4 AR-1016-2

R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 34274367
Conc: 175.60 ng/ml



#4 AR-1016-2

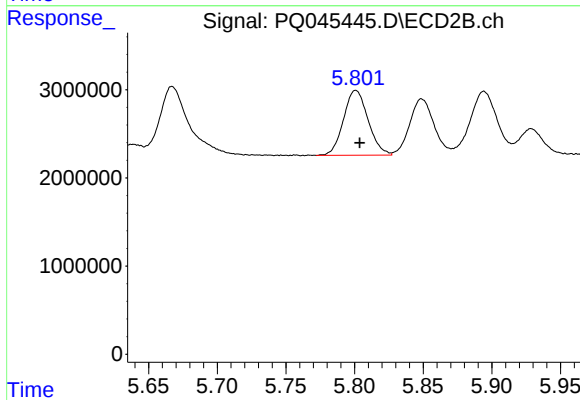
R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 17775009
Conc: 167.62 ng/ml



#5 AR-1016-3

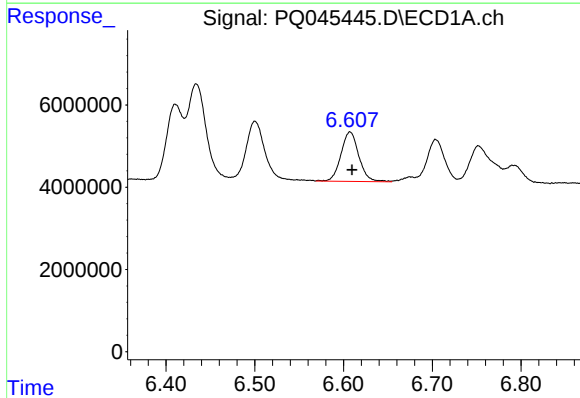
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 21276278
Conc: 175.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



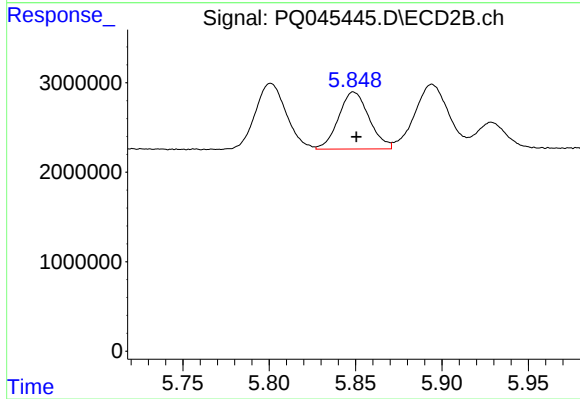
#5 AR-1016-3

R.T.: 5.801 min
Delta R.T.: -0.003 min
Response: 9182960
Conc: 173.06 ng/ml



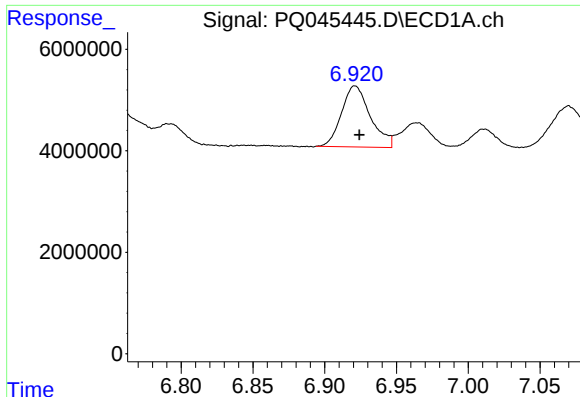
#6 AR-1016-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 16889796
Conc: 174.75 ng/ml



#6 AR-1016-4

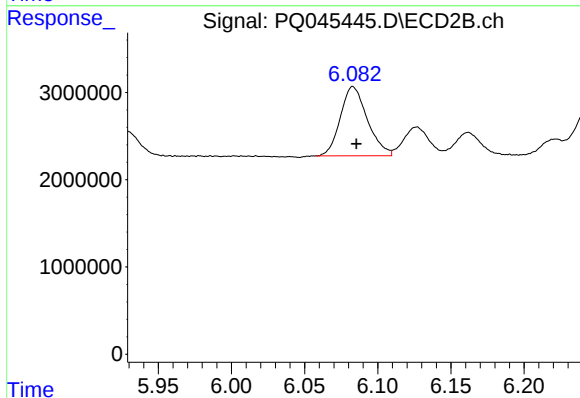
R.T.: 5.849 min
Delta R.T.: -0.002 min
Response: 7859737
Conc: 168.14 ng/ml



#7 AR-1016-5

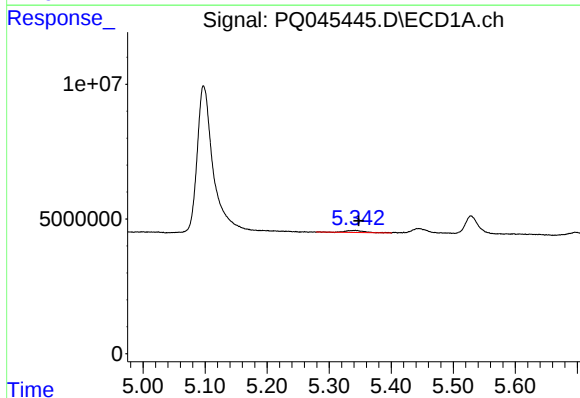
R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 16864357
Conc: 166.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



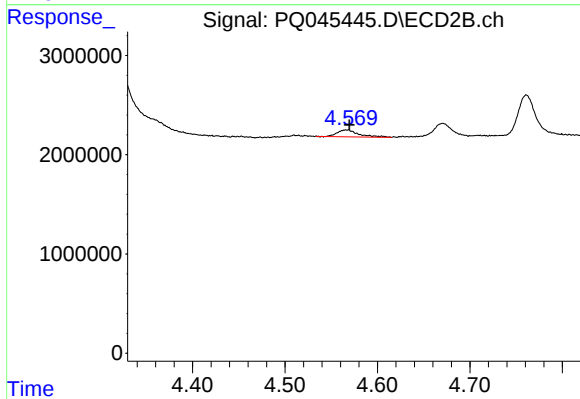
#7 AR-1016-5

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 10189064
Conc: 160.66 ng/ml



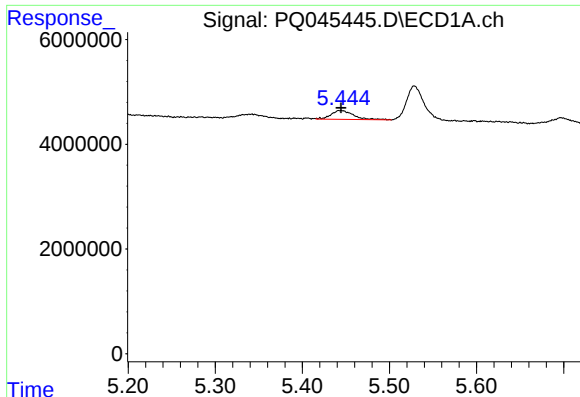
#8 AR-1221-1

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 1603452
Conc: 45.11 ng/ml



#8 AR-1221-1

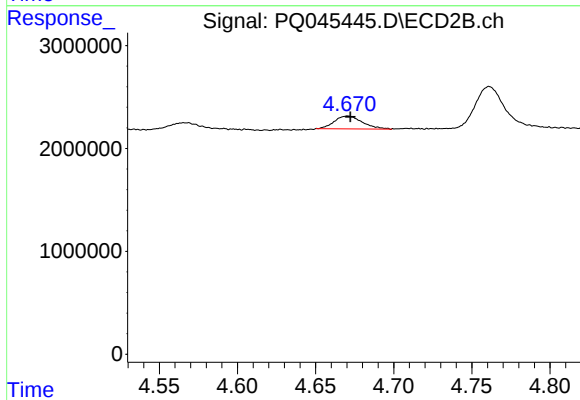
R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 1123201
Conc: 53.74 ng/ml



#9 AR-1221-2

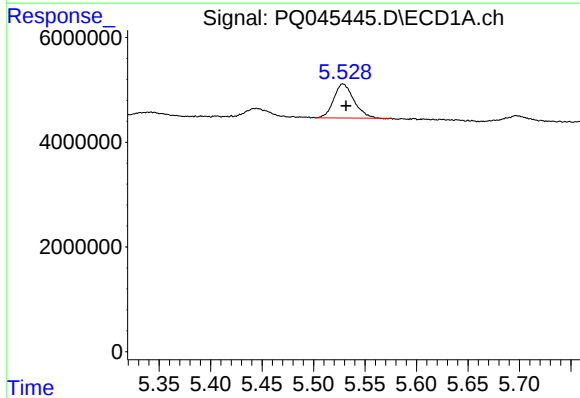
R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 2982617
Conc: 112.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



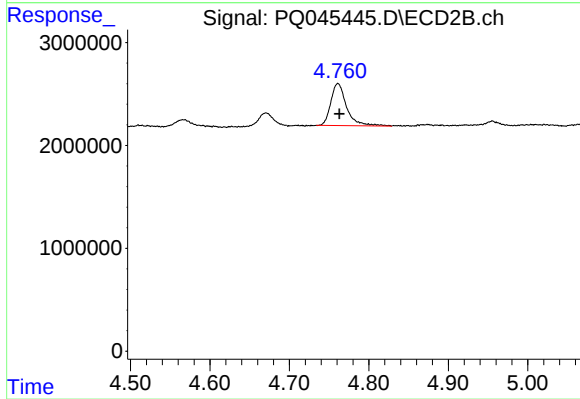
#9 AR-1221-2

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 1567632
Conc: 122.12 ng/ml



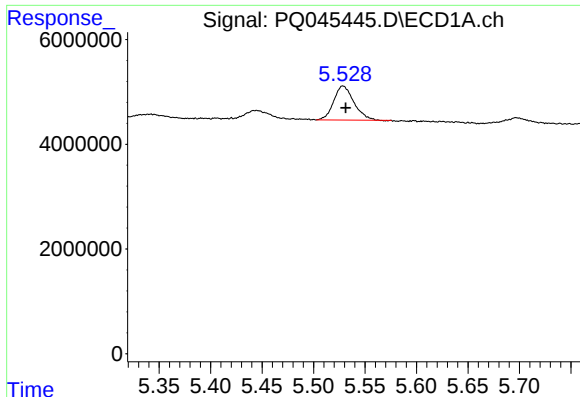
#10 AR-1221-3

R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 8857113
Conc: 98.09 ng/ml



#10 AR-1221-3

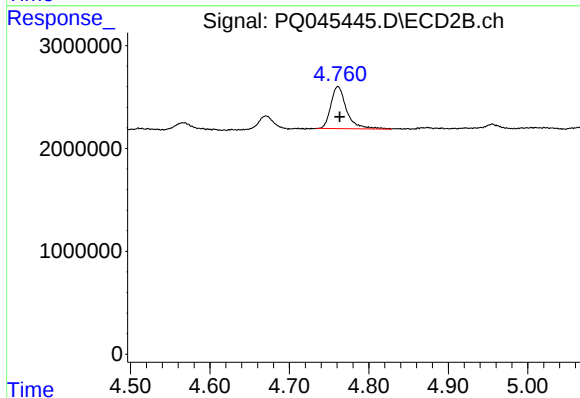
R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 5630249
Conc: 117.36 ng/ml



#11 AR-1232-1

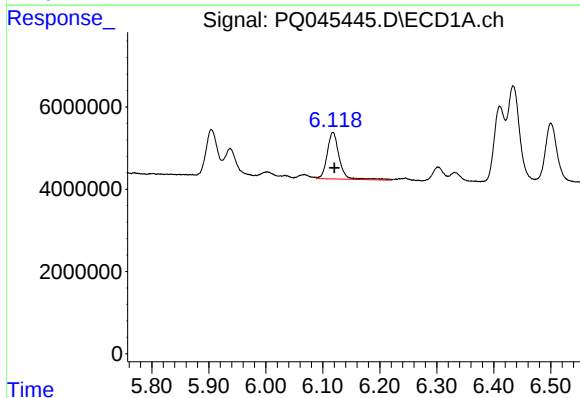
R.T.: 5.529 min
Delta R.T.: -0.002 min
Response: 8857113
Conc: 139.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



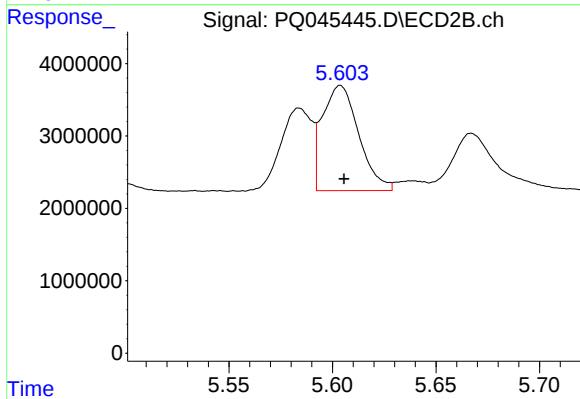
#11 AR-1232-1

R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 5630249
Conc: 158.89 ng/ml



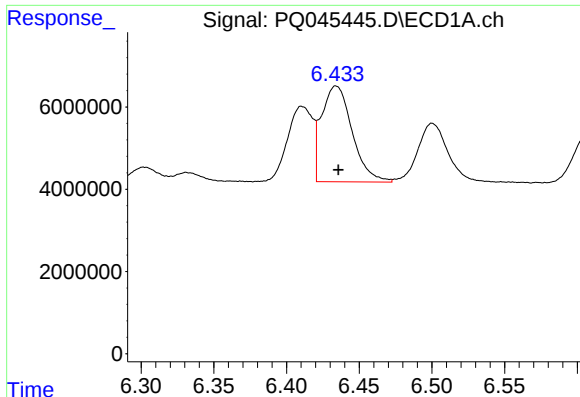
#12 AR-1232-2

R.T.: 6.118 min
Delta R.T.: -0.002 min
Response: 16711721
Conc: 417.78 ng/ml



#12 AR-1232-2

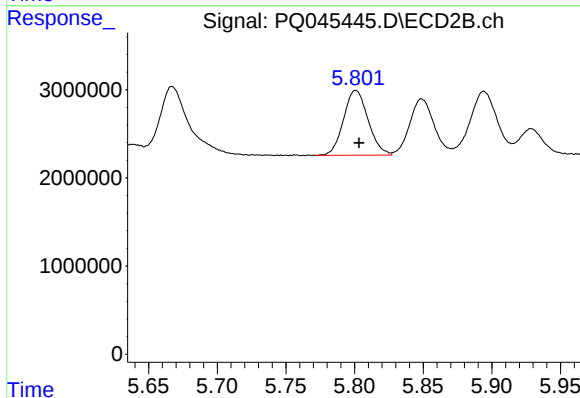
R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 17775009
Conc: 400.49 ng/ml



#13 AR-1232-3

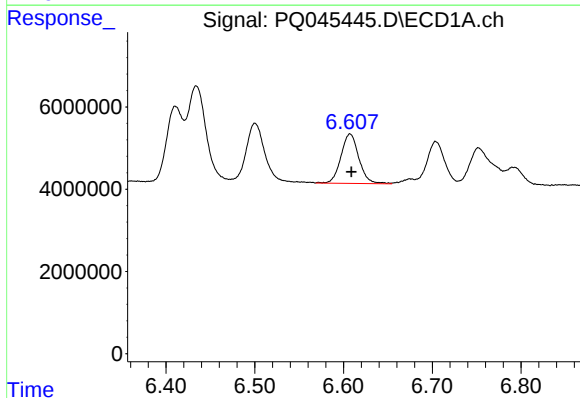
R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 34274367
Conc: 425.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



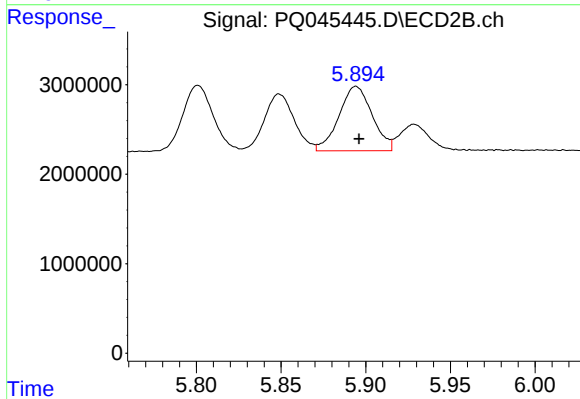
#13 AR-1232-3

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 9182960
Conc: 414.65 ng/ml



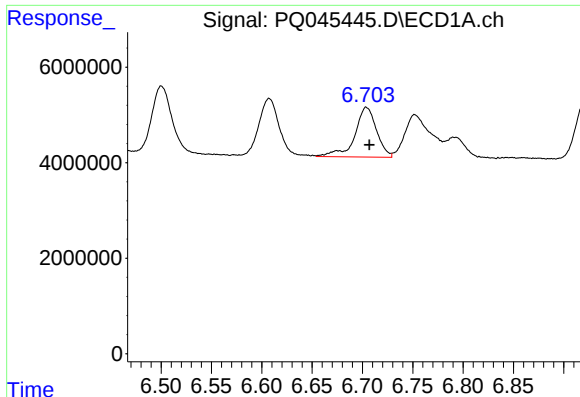
#14 AR-1232-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 16889796
Conc: 427.32 ng/ml



#14 AR-1232-4

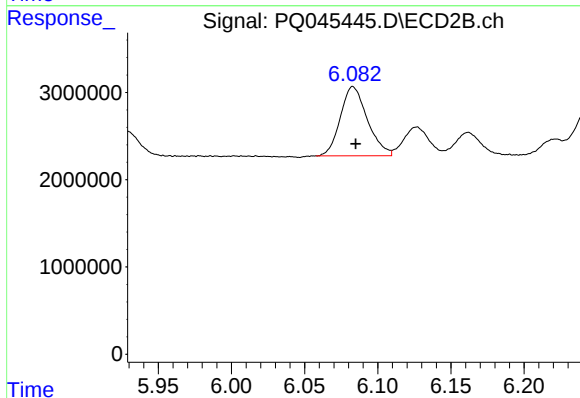
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 9861049
Conc: 436.99 ng/ml



#15 AR-1232-5

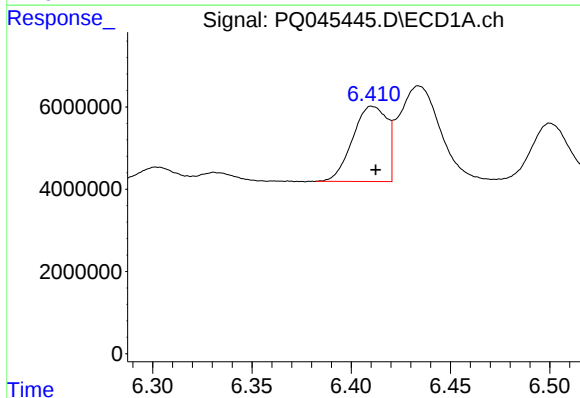
R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 15671897
Conc: 469.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



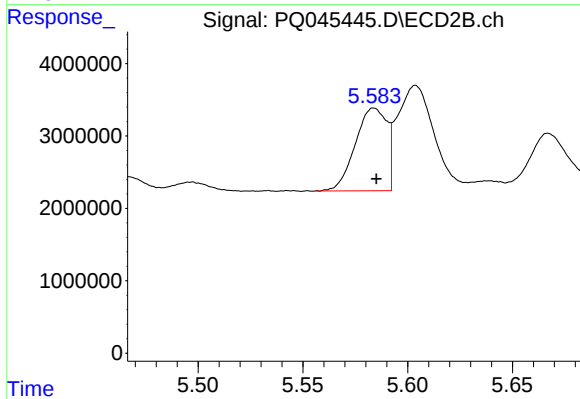
#15 AR-1232-5

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 10189064
Conc: 419.57 ng/ml



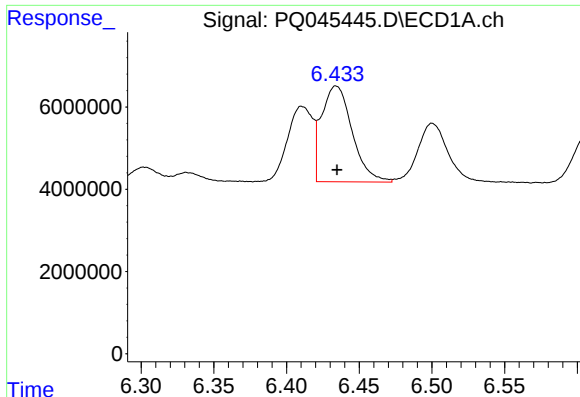
#16 AR-1242-1

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 22016507
Conc: 212.91 ng/ml



#16 AR-1242-1

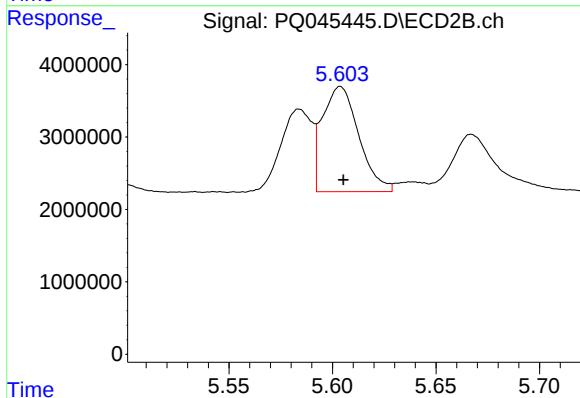
R.T.: 5.584 min
Delta R.T.: -0.001 min
Response: 11969624
Conc: 202.92 ng/ml



#17 AR-1242-2

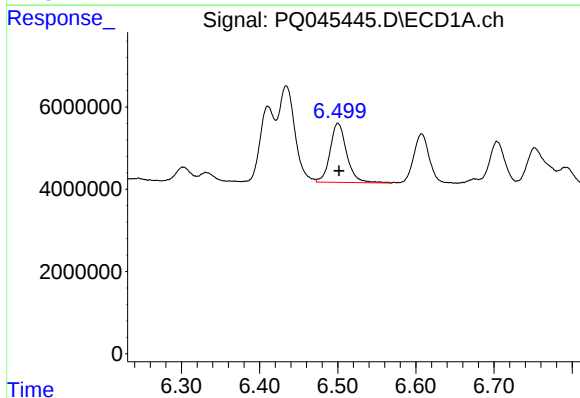
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 34274367
Conc: 210.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



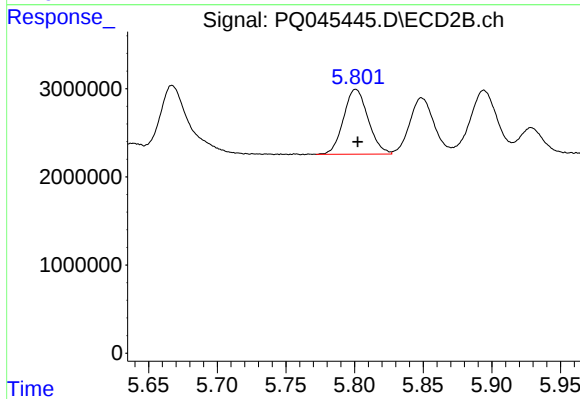
#17 AR-1242-2

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 17775009
Conc: 202.76 ng/ml



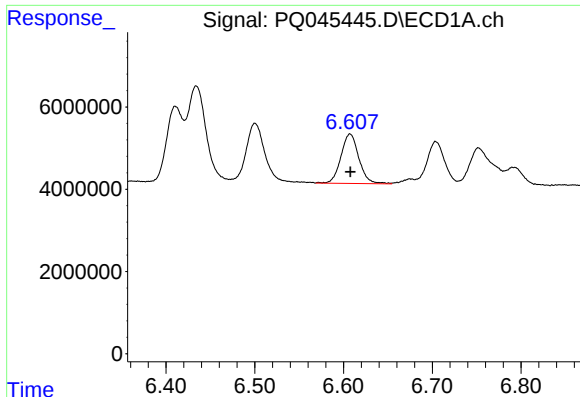
#18 AR-1242-3

R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 21276278
Conc: 208.02 ng/ml



#18 AR-1242-3

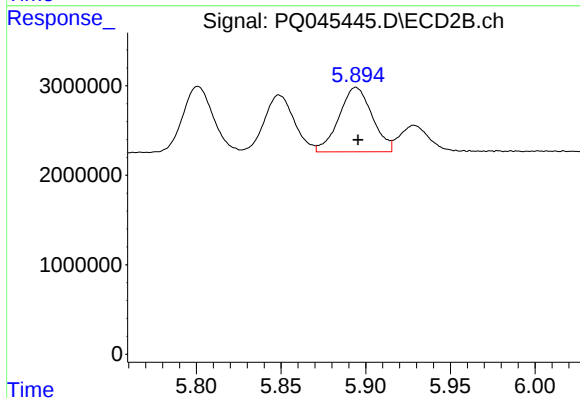
R.T.: 5.801 min
Delta R.T.: -0.001 min
Response: 9182960
Conc: 203.79 ng/ml



#19 AR-1242-4

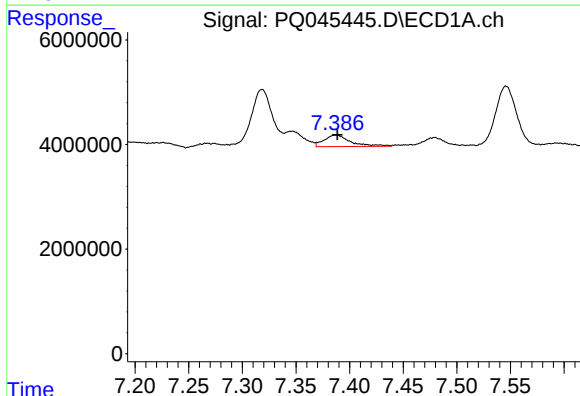
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 16889796
Conc: 210.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



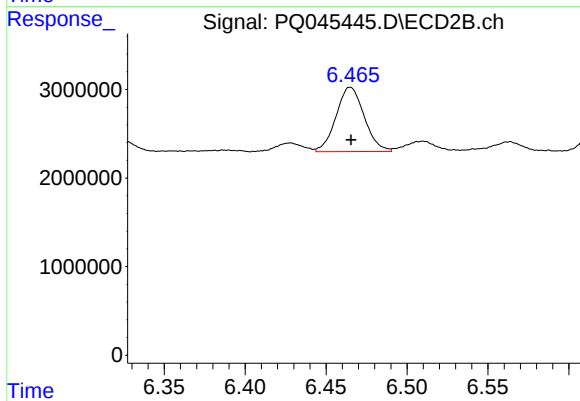
#19 AR-1242-4

R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 9861049
Conc: 203.16 ng/ml



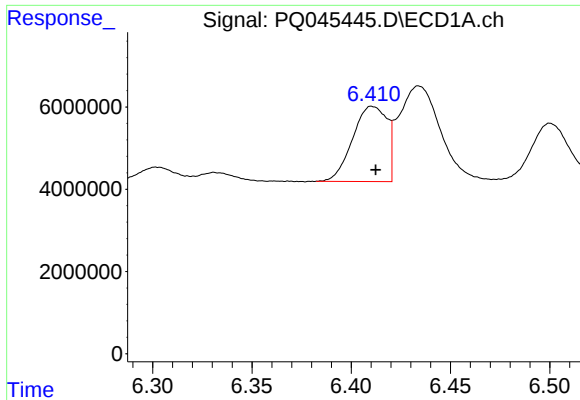
#20 AR-1242-5

R.T.: 7.387 min
Delta R.T.: -0.001 min
Response: 3803020
Conc: 40.53 ng/ml



#20 AR-1242-5

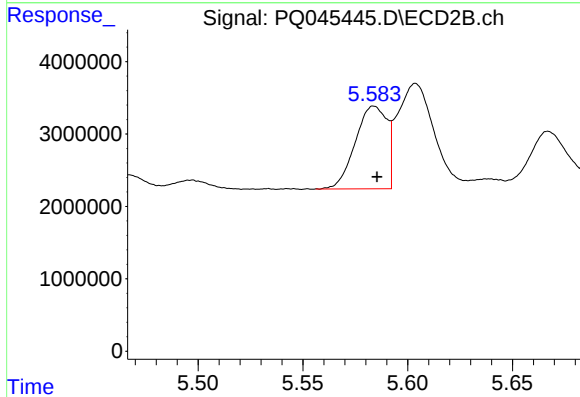
R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 8789960
Conc: 126.66 ng/ml



#21 AR-1248-1

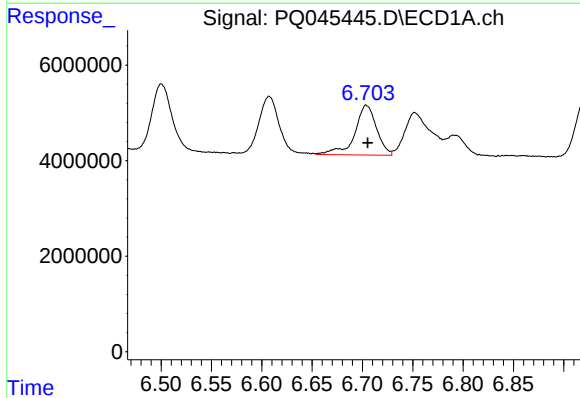
R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 22016507
Conc: 271.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



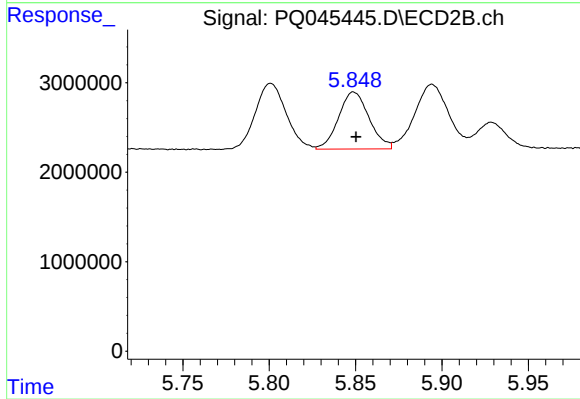
#21 AR-1248-1

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 11969624
Conc: 258.66 ng/ml



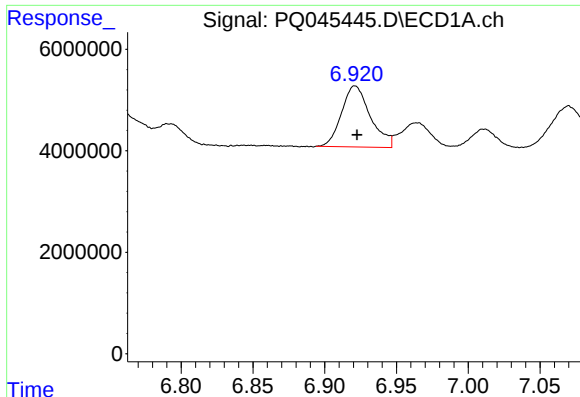
#22 AR-1248-2

R.T.: 6.704 min
Delta R.T.: -0.001 min
Response: 15671897
Conc: 123.32 ng/ml



#22 AR-1248-2

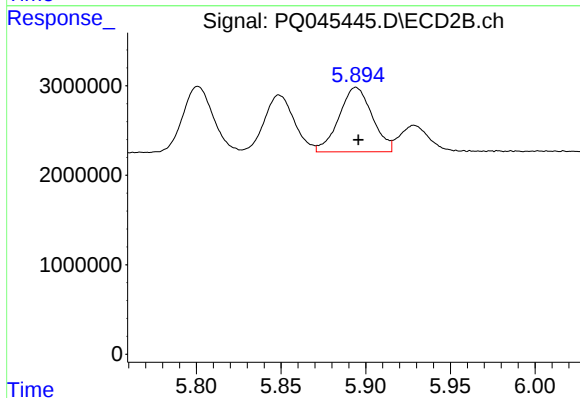
R.T.: 5.849 min
Delta R.T.: -0.002 min
Response: 7859737
Conc: 116.60 ng/ml



#23 AR-1248-3

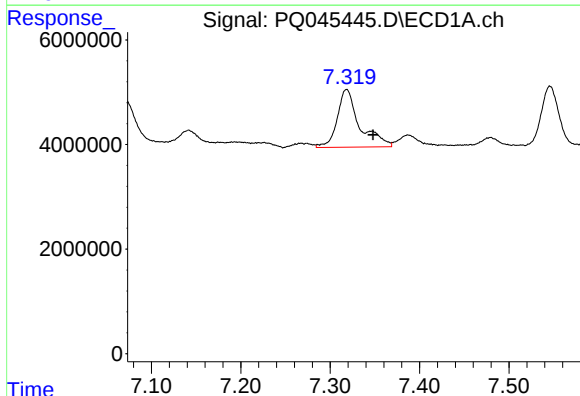
R.T.: 6.921 min
Delta R.T.: -0.001 min
Response: 16864357
Conc: 121.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



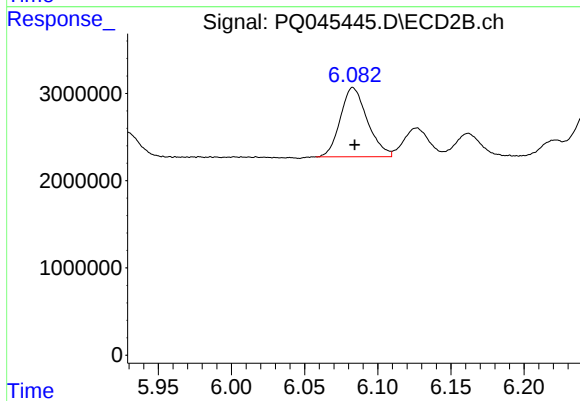
#23 AR-1248-3

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 9861049
Conc: 138.86 ng/ml



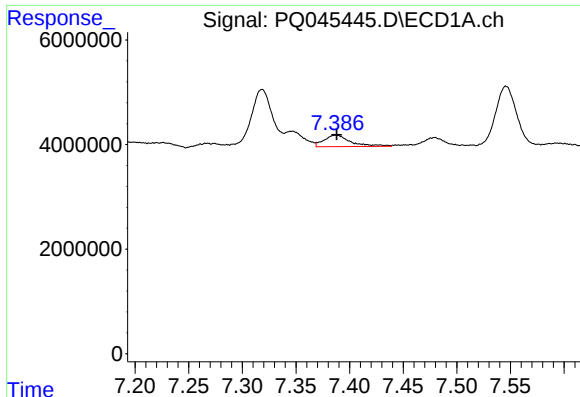
#24 AR-1248-4

R.T.: 7.318 min
Delta R.T.: -0.030 min
Response: 19231055
Conc: 118.44 ng/ml



#24 AR-1248-4

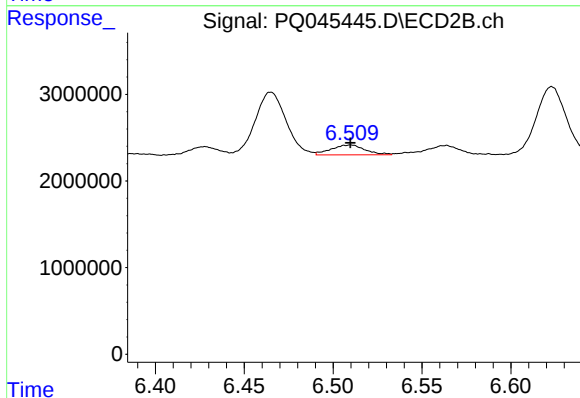
R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 10189064
Conc: 117.15 ng/ml



#25 AR-1248-5

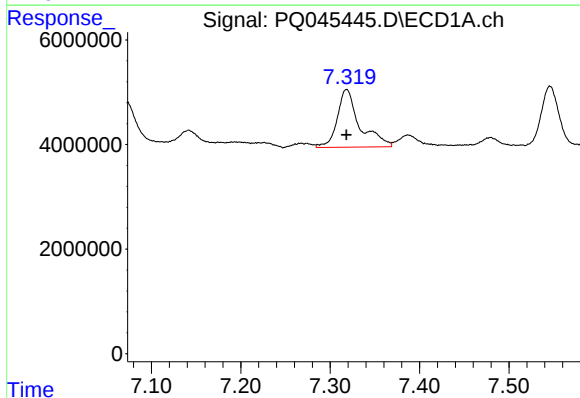
R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 3803020
Conc: 24.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



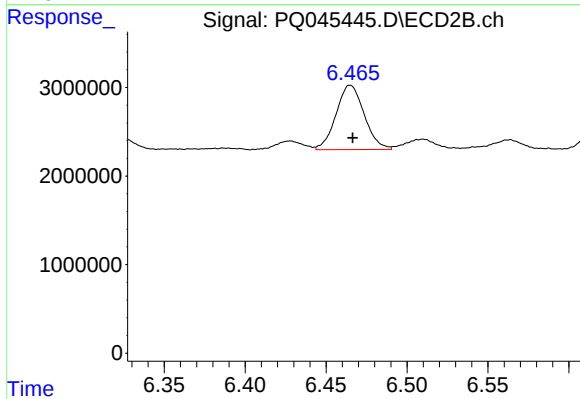
#25 AR-1248-5

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 1540560
Conc: 16.30 ng/ml



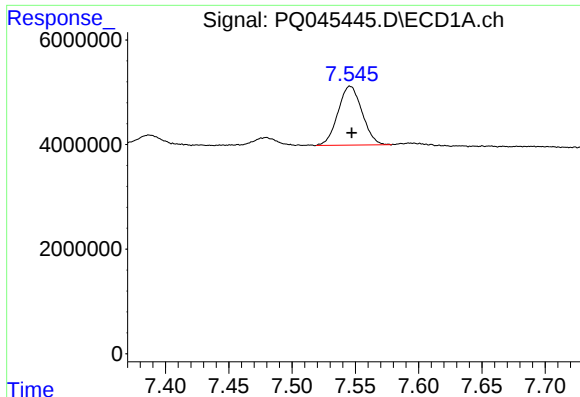
#26 AR-1254-1

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 19231055
Conc: 116.90 ng/ml



#26 AR-1254-1

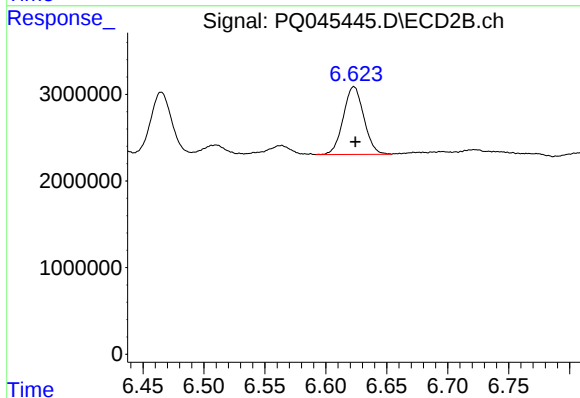
R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 8789960
Conc: 60.57 ng/ml



#27 AR-1254-2

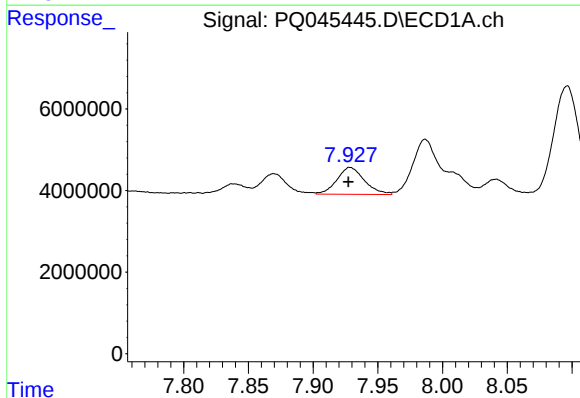
R.T.: 7.546 min
Delta R.T.: -0.001 min
Response: 14936924
Conc: 56.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



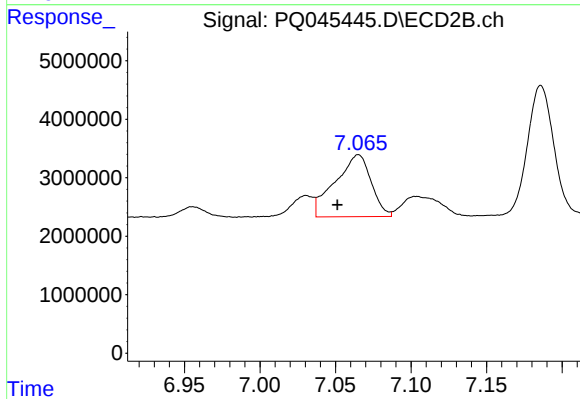
#27 AR-1254-2

R.T.: 6.623 min
Delta R.T.: -0.001 min
Response: 9153956
Conc: 68.42 ng/ml



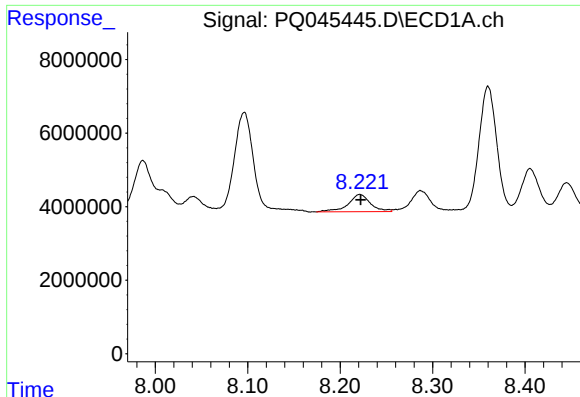
#28 AR-1254-3

R.T.: 7.929 min
Delta R.T.: 0.002 min
Response: 9736914
Conc: 34.06 ng/ml



#28 AR-1254-3

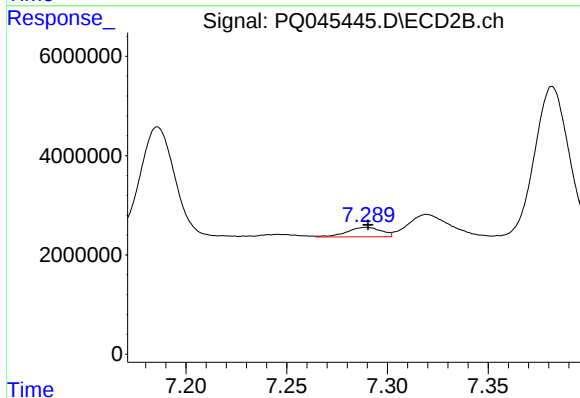
R.T.: 7.065 min
Delta R.T.: 0.014 min
Response: 17578086
Conc: 73.33 ng/ml



#29 AR-1254-4

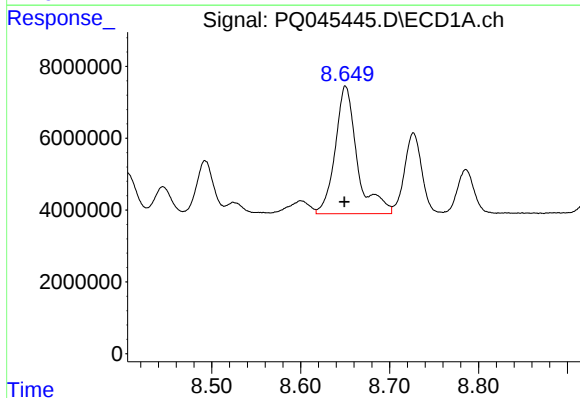
R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 7883485
Conc: 36.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



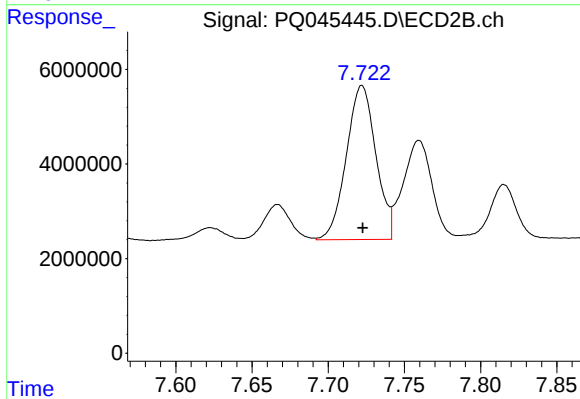
#29 AR-1254-4

R.T.: 7.289 min
Delta R.T.: -0.001 min
Response: 2253733
Conc: 13.50 ng/ml



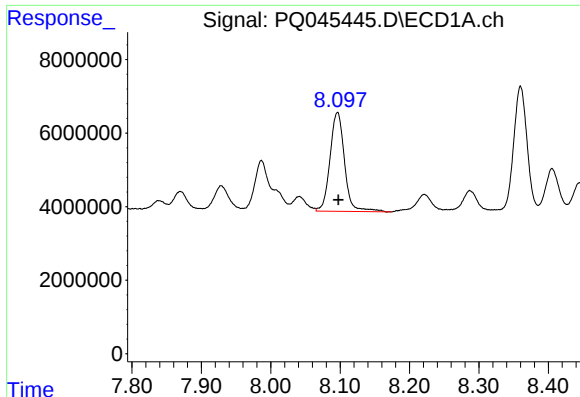
#30 AR-1254-5

R.T.: 8.651 min
Delta R.T.: 0.001 min
Response: 61189590
Conc: 248.66 ng/ml



#30 AR-1254-5

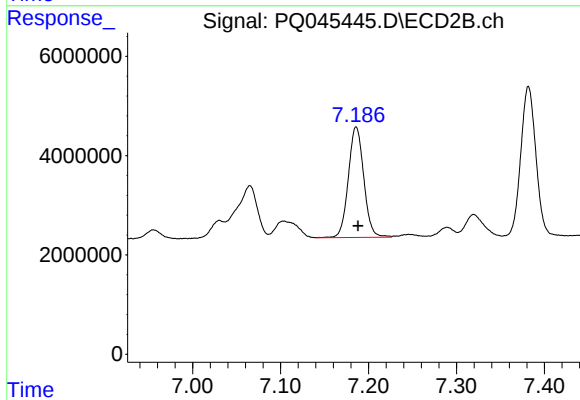
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 43932517
Conc: 170.49 ng/ml



#31 AR-1260-1

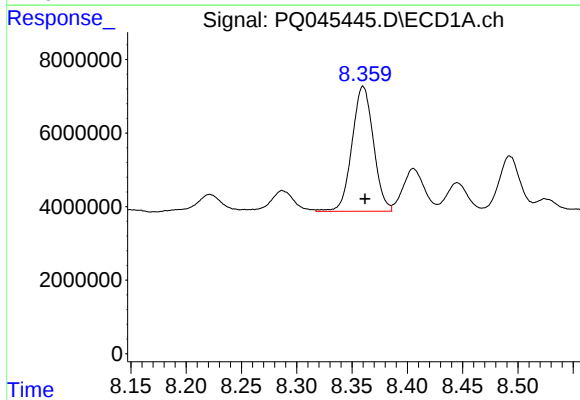
R.T.: 8.096 min
Delta R.T.: -0.002 min
Response: 39006795
Conc: 182.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



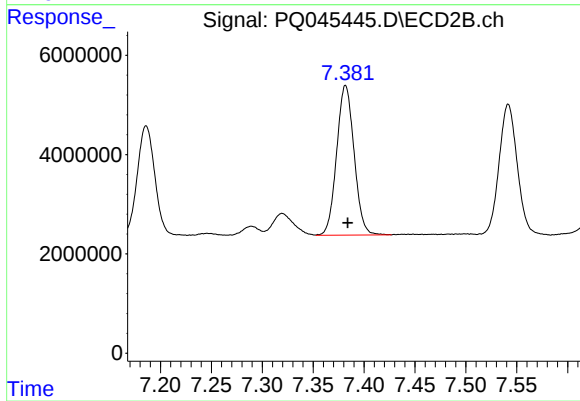
#31 AR-1260-1

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 27231145
Conc: 177.90 ng/ml



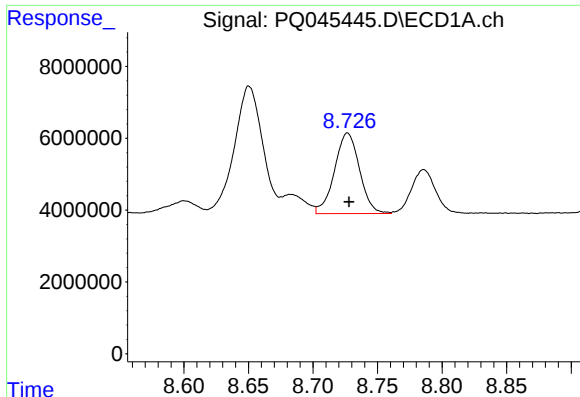
#32 AR-1260-2

R.T.: 8.360 min
Delta R.T.: -0.002 min
Response: 45836284
Conc: 188.10 ng/ml



#32 AR-1260-2

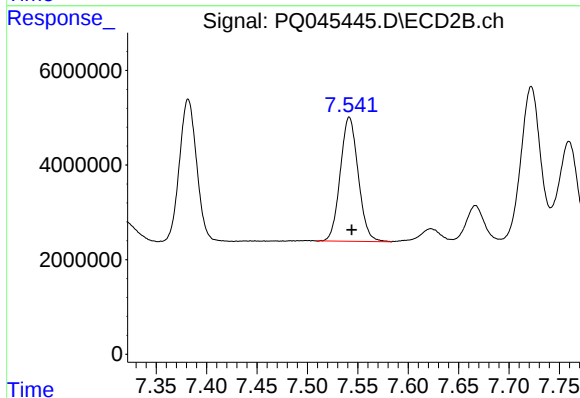
R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 35943799
Conc: 179.93 ng/ml



#33 AR-1260-3

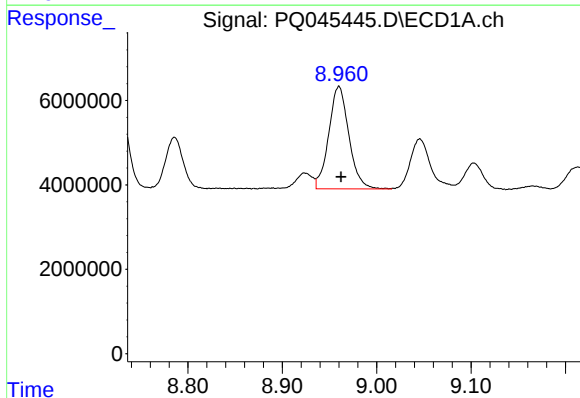
R.T.: 8.727 min
Delta R.T.: -0.001 min
Response: 30236671
Conc: 152.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



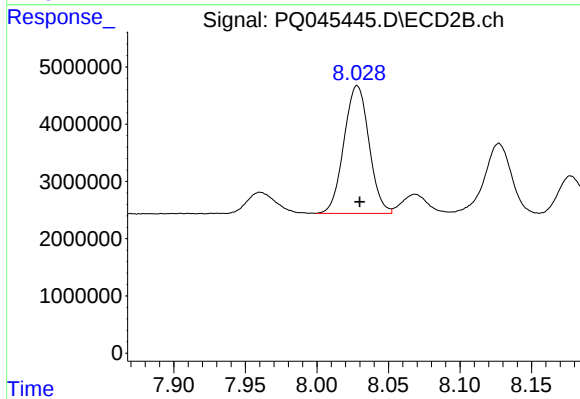
#33 AR-1260-3

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 32520344
Conc: 176.75 ng/ml



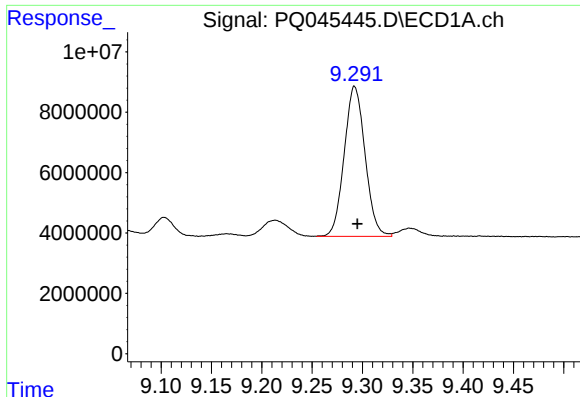
#34 AR-1260-4

R.T.: 8.960 min
Delta R.T.: -0.002 min
Response: 35959951
Conc: 157.29 ng/ml



#34 AR-1260-4

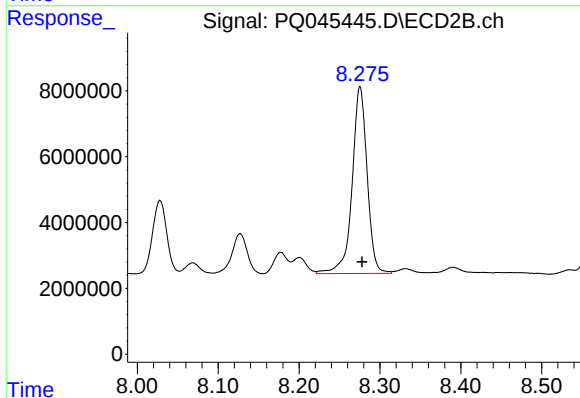
R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 27257498
Conc: 150.24 ng/ml



#35 AR-1260-5

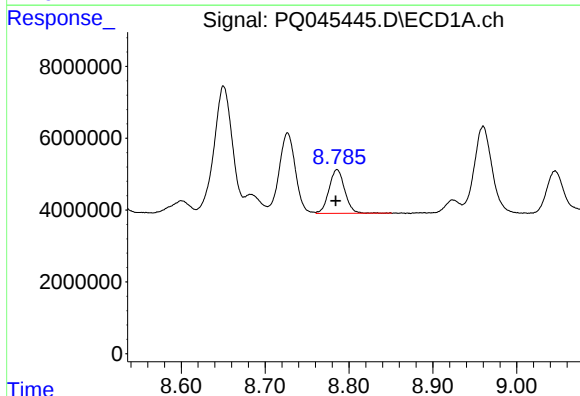
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 71639052
Conc: 137.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



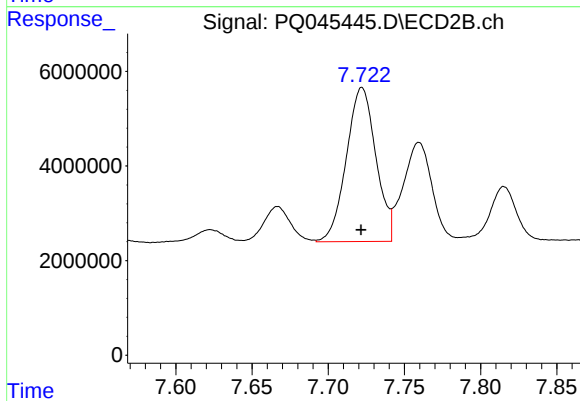
#35 AR-1260-5

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 73136992
Conc: 142.95 ng/ml



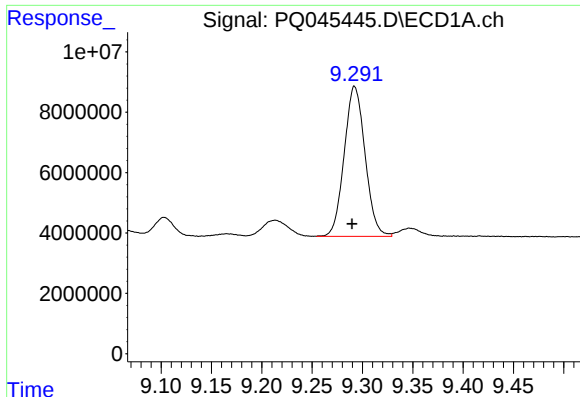
#36 AR-1262-1

R.T.: 8.786 min
Delta R.T.: 0.002 min
Response: 15679027
Conc: 113.39 ng/ml



#36 AR-1262-1

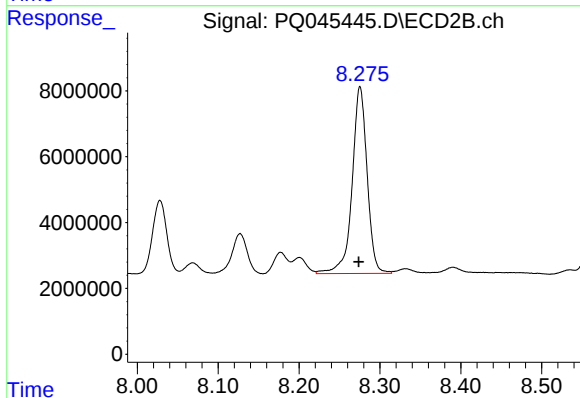
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 43932517
Conc: 301.16 ng/ml



#37 AR-1262-2

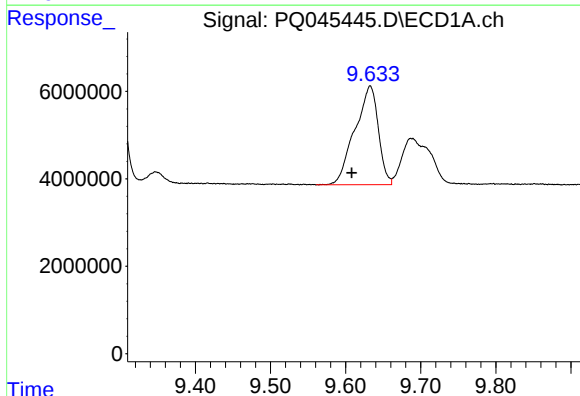
R.T.: 9.292 min
Delta R.T.: 0.003 min
Response: 71639052
Conc: 110.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



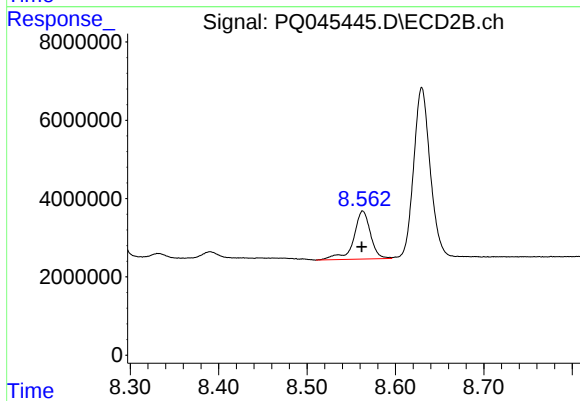
#37 AR-1262-2

R.T.: 8.275 min
Delta R.T.: 0.001 min
Response: 73136992
Conc: 112.41 ng/ml



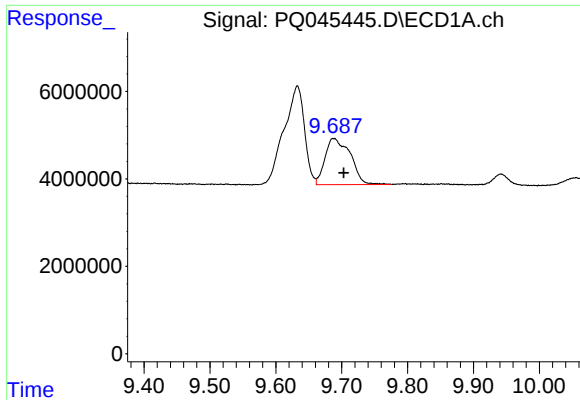
#38 AR-1262-3

R.T.: 9.633 min
Delta R.T.: 0.024 min
Response: 48991699
Conc: 107.08 ng/ml



#38 AR-1262-3

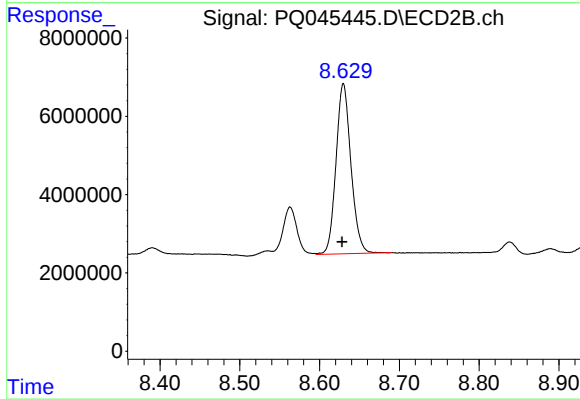
R.T.: 8.563 min
Delta R.T.: 0.001 min
Response: 16262030
Conc: 61.05 ng/ml



#39 AR-1262-4

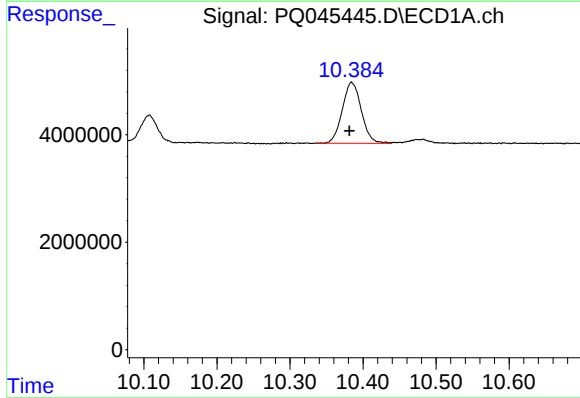
R.T.: 9.688 min
Delta R.T.: -0.015 min
Response: 28218431
Conc: 77.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



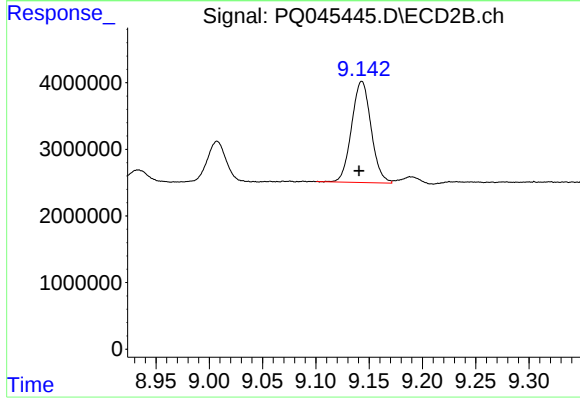
#39 AR-1262-4

R.T.: 8.630 min
Delta R.T.: 0.002 min
Response: 56475843
Conc: 107.88 ng/ml



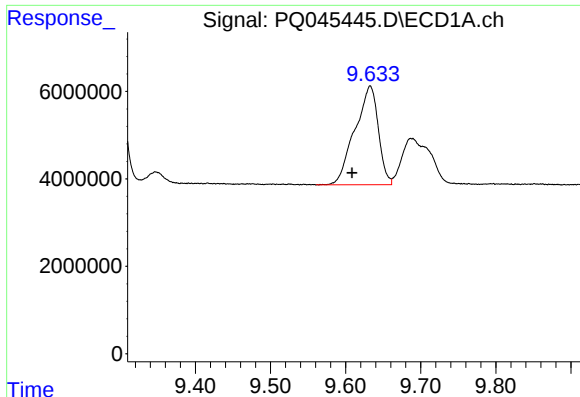
#40 AR-1262-5

R.T.: 10.385 min
Delta R.T.: 0.004 min
Response: 20524750
Conc: 72.01 ng/ml



#40 AR-1262-5

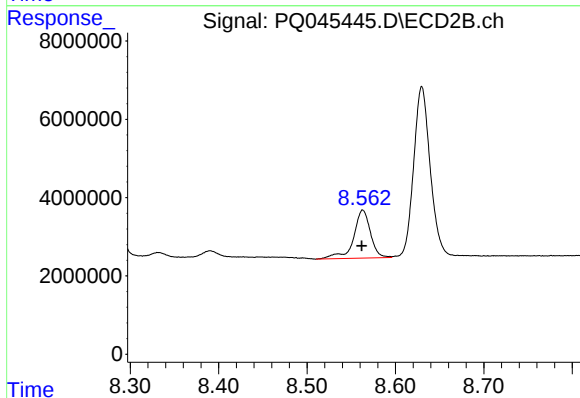
R.T.: 9.143 min
Delta R.T.: 0.003 min
Response: 19352159
Conc: 70.37 ng/ml



#41 AR-1268-1

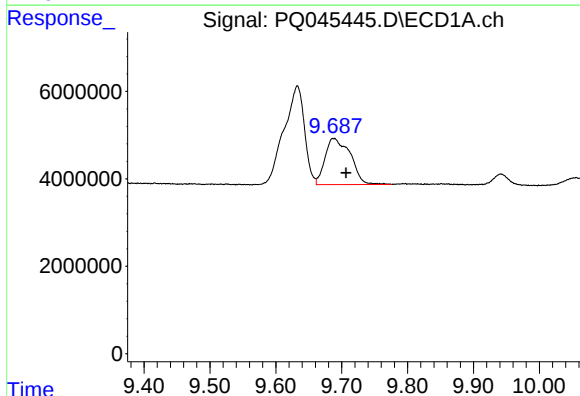
R.T.: 9.633 min
Delta R.T.: 0.024 min
Response: 48991699
Conc: 57.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



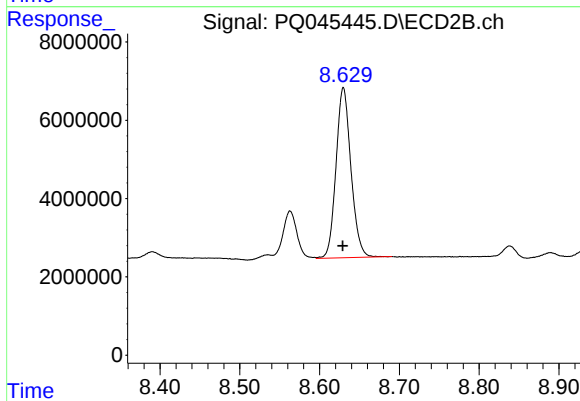
#41 AR-1268-1

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 16262030
Conc: 20.25 ng/ml



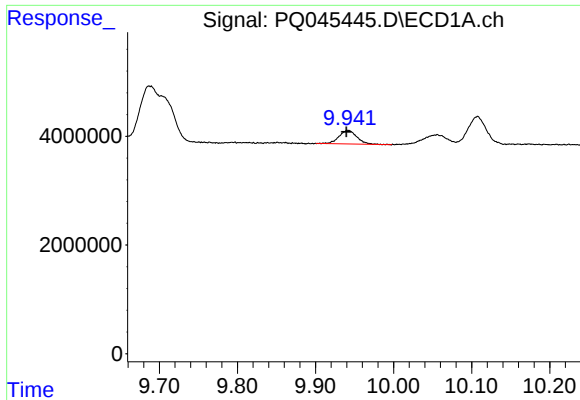
#42 AR-1268-2

R.T.: 9.688 min
Delta R.T.: -0.019 min
Response: 28218431
Conc: 34.11 ng/ml



#42 AR-1268-2

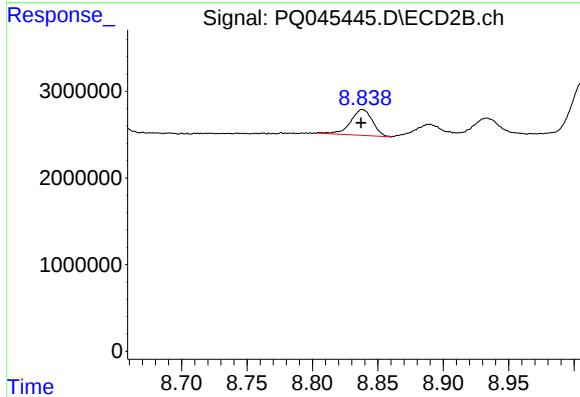
R.T.: 8.630 min
Delta R.T.: 0.000 min
Response: 56475843
Conc: 74.25 ng/ml



#43 AR-1268-3

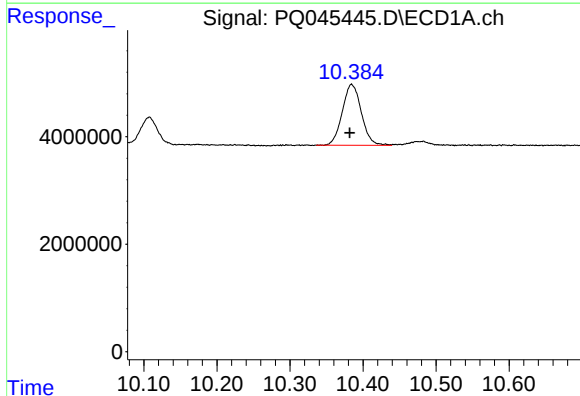
R.T.: 9.942 min
Delta R.T.: 0.002 min
Response: 3985878
Conc: 5.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



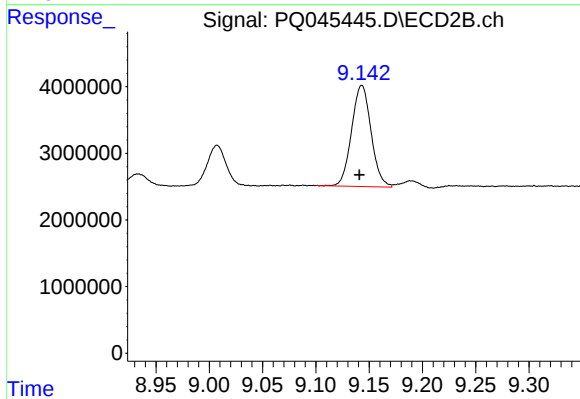
#43 AR-1268-3

R.T.: 8.838 min
Delta R.T.: 0.001 min
Response: 3448604
Conc: 5.52 ng/ml



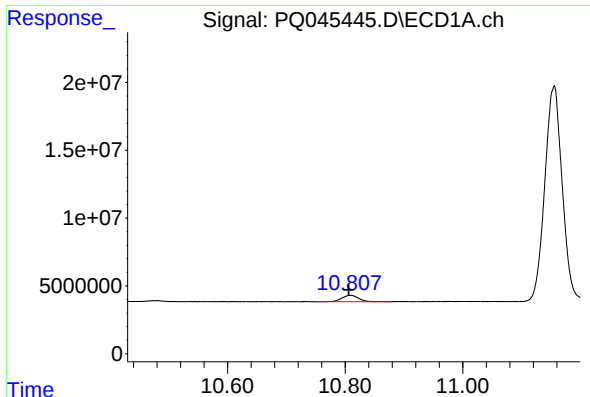
#44 AR-1268-4

R.T.: 10.385 min
Delta R.T.: 0.003 min
Response: 20524750
Conc: 62.44 ng/ml



#44 AR-1268-4

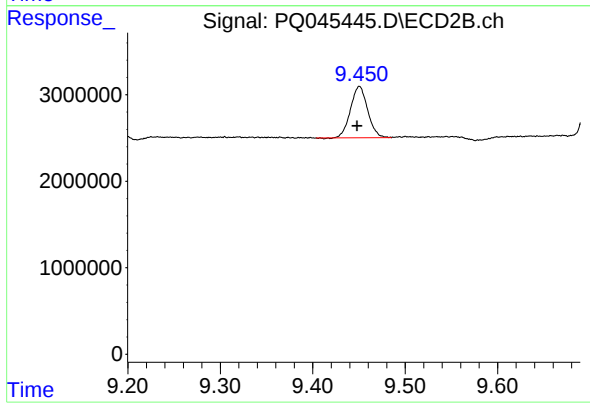
R.T.: 9.143 min
Delta R.T.: 0.002 min
Response: 19352159
Conc: 60.81 ng/ml



#45 AR-1268-5

R.T.: 10.809 min
Delta R.T.: 0.003 min
Response: 9249466
Conc: 3.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.451 min
Delta R.T.: 0.003 min
Response: 7662475
Conc: 3.18 ng/ml