

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011719\
 Data File : PQ036482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2019 10:50
 Operator : SM\SJ
 Sample : PB116411BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PB116411BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 02:33:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 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...	4.375	3.717	102.7E6	56443333	22.466	23.319
2)	SA Decachlor...	10.008	8.668	66763141	37266193	18.354	19.385
Target Compounds							
3)	L1 AR-1016-1	5.534	4.791	32259922	18351926	230.557	236.454
4)	L1 AR-1016-2	5.557	4.808	45531920	26287463	213.296	230.819
5)	L1 AR-1016-3	5.618	4.984	27142427	13479447	218.784	232.995
6)	L1 AR-1016-4	5.717	5.023	21807075	10890268	215.354	231.026
7)	L1 AR-1016-5	6.007	5.236	20799585	13319626	208.292	218.946
8)	L2 AR-1221-1	4.580	3.925	2947110	1325768	83.384	67.565
9)	L2 AR-1221-2	4.673	4.014	4479466	1874307	168.633	126.464 #
10)	L2 AR-1221-3	4.748	4.088	16663630	9839111	186.924	199.019
11)	L3 AR-1232-1	4.748	4.088	16663630	9839111	218.731	228.643
12)	L3 AR-1232-2	5.270	4.808	23086119	26287463	604.838	583.497
13)	L3 AR-1232-3	5.557	4.984	45531920	13479447	565.838	594.763
14)	L3 AR-1232-4	5.717	5.064	21807075	13212651	567.349	641.948
15)	L3 AR-1232-5	5.803	5.236	18275098	13319626	638.051	607.358
16)	L4 AR-1242-1	5.557	4.791	45531920	18351926	457.977	318.312 #
17)	L4 AR-1242-2	5.557	4.808	45531920	26287463	301.421	322.342
18)	L4 AR-1242-3	5.618	4.984	27142427	13479447	306.041	315.335
19)	L4 AR-1242-4	5.717	5.064	21807075	13212651	299.348	310.494
20)	L4 AR-1242-5	6.446	5.582	2611273	10420953	32.906	191.852 #
21)	L5 AR-1248-1	5.557	4.791	45531920	18351926	455.015	391.058
22)	L5 AR-1248-2	5.803	5.023	18275098	10890268	163.600	173.515
23)	L5 AR-1248-3	6.007	5.064	20799585	13212651	165.987	205.645
24)	L5 AR-1248-4	6.409	5.236	2998162	13319626	21.028	173.400 #
25)	L5 AR-1248-5	6.446	5.623	2611273	1535344	19.106	20.118
26)	L6 AR-1254-1	6.409	5.582	2998162	10420953	22.055	99.637 #
27)	L6 AR-1254-2	6.594	5.727	15908340	9805812	74.804	107.309 #
28)	L6 AR-1254-3	6.964	6.138	7719096	16337103	32.885	102.613 #
29)	L6 AR-1254-4	7.308	6.356	4136199	1656153	23.379	15.778 #
30)	L6 AR-1254-5	7.695	6.767	5317941	30405604	25.964	209.332 #
31)	L7 AR-1260-1	7.122	6.254	34502933	23556070	181.223	197.825
32)	L7 AR-1260-2	7.378	6.442	40460692	27561472	176.306	191.976
33)	L7 AR-1260-3	7.734	6.594	24942582	24924419	177.136	188.767
34)	L7 AR-1260-4	7.963	7.059	28967066	17615670	168.001	195.968
35)	L7 AR-1260-5	8.278	7.302	57367768	40900793	170.913	185.128
36)	L8 AR-1262-1	7.734	6.800	24942582	19229334	106.435	124.735
37)	L8 AR-1262-2	8.278	7.302	57367768	40900793	133.706	146.921
38)	L8 AR-1262-3	8.601	7.578	16442283	7680847	176.682	74.094 #
39)	L8 AR-1262-4	8.650	7.646	17223219	29891809	83.038	150.194 #
40)	L8 AR-1262-5	9.305	8.140	2700490	8306942	18.589	94.472 #
41)	L9 AR-1268-1	8.601	7.578	16442283	7680847	32.375	24.177 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011719\
 Data File : PQ036482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2019 10:50
 Operator : SM\SJ
 Sample : PB116411BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

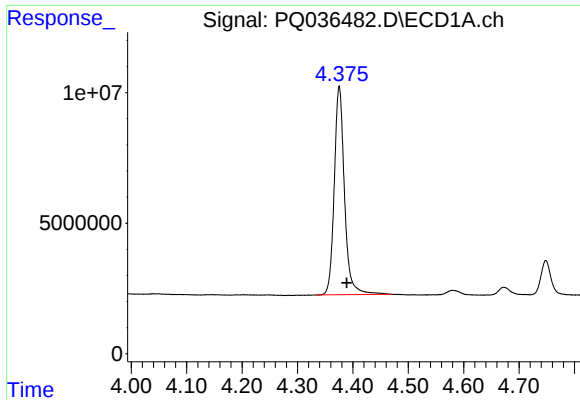
Instrument :
 ECD_Q
 ClientSampleId :
 PB116411BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 02:33:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 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
42) L9	AR-1268-2	8.650	7.646	17223219	29891809	36.017	103.808 #
44) L9	AR-1268-4	9.305	8.140	2700490	8306942	16.446	83.549 #
45) L9	AR-1268-5	0.000	8.425	0	2333827	N.D.	3.105 #

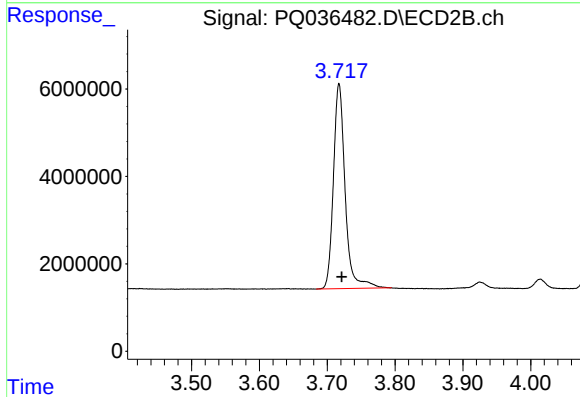
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

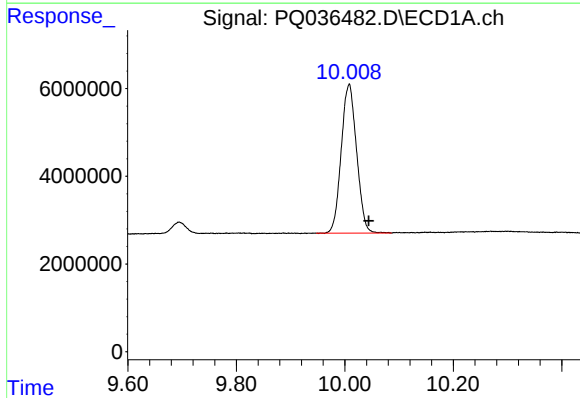
R.T.: 4.375 min
Delta R.T.: -0.014 min
Response: 102702735
Conc: 22.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



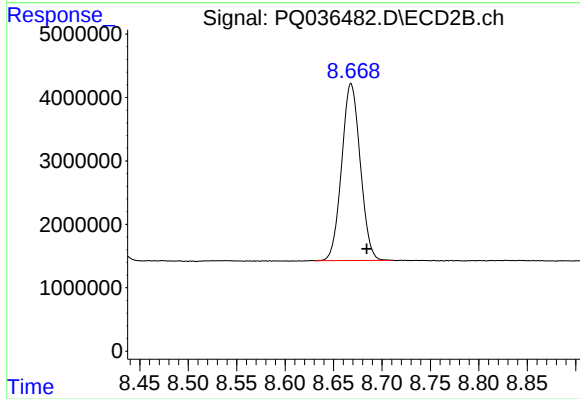
#1 Tetrachloro-m-xylene

R.T.: 3.717 min
Delta R.T.: -0.004 min
Response: 56443333
Conc: 23.32 ng/ml



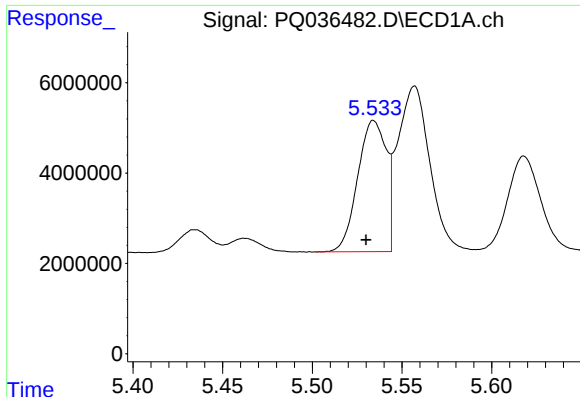
#2 Decachlorobiphenyl

R.T.: 10.008 min
Delta R.T.: -0.036 min
Response: 66763141
Conc: 18.35 ng/ml



#2 Decachlorobiphenyl

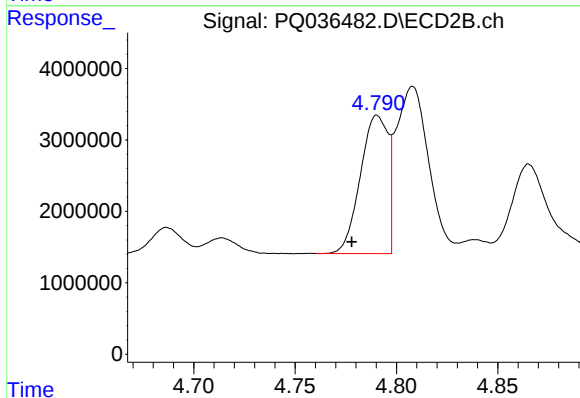
R.T.: 8.668 min
Delta R.T.: -0.016 min
Response: 37266193
Conc: 19.38 ng/ml



#3 AR-1016-1

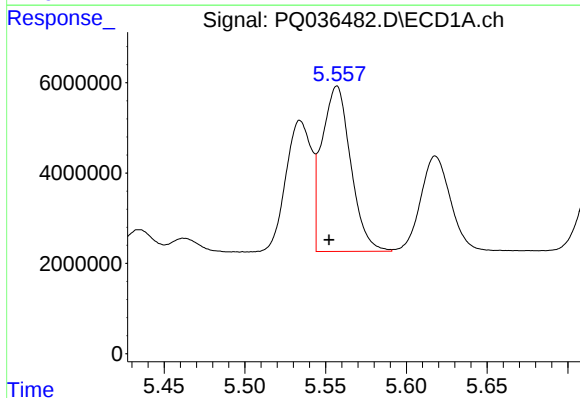
R.T.: 5.534 min
Delta R.T.: 0.004 min
Response: 32259922
Conc: 230.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



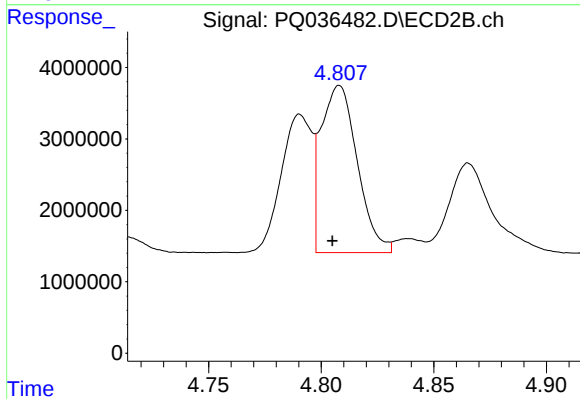
#3 AR-1016-1

R.T.: 4.791 min
Delta R.T.: 0.013 min
Response: 18351926
Conc: 236.45 ng/ml



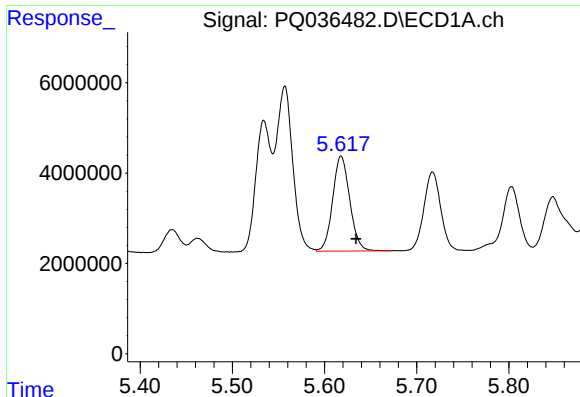
#4 AR-1016-2

R.T.: 5.557 min
Delta R.T.: 0.005 min
Response: 45531920
Conc: 213.30 ng/ml



#4 AR-1016-2

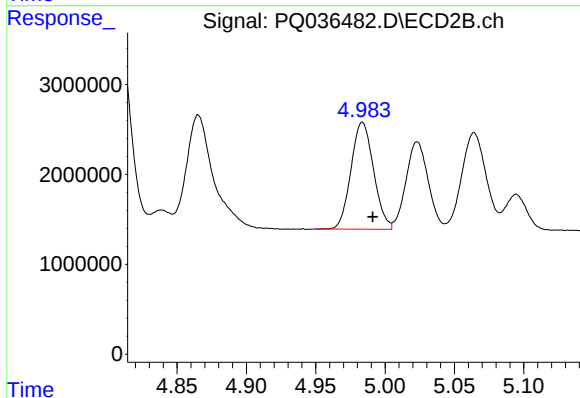
R.T.: 4.808 min
Delta R.T.: 0.003 min
Response: 26287463
Conc: 230.82 ng/ml



#5 AR-1016-3

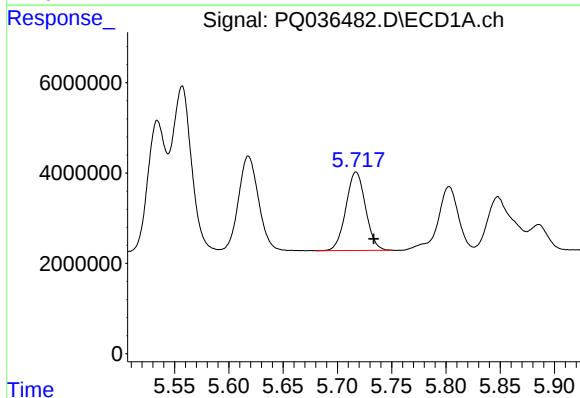
R.T.: 5.618 min
Delta R.T.: -0.016 min
Response: 27142427
Conc: 218.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



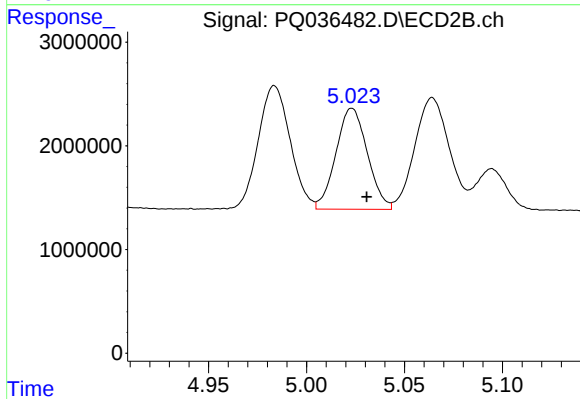
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: -0.008 min
Response: 13479447
Conc: 232.99 ng/ml



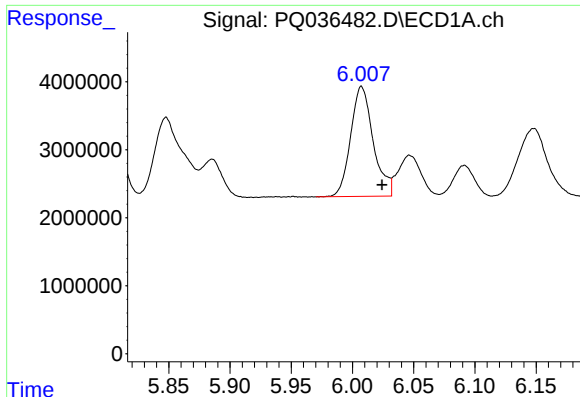
#6 AR-1016-4

R.T.: 5.717 min
Delta R.T.: -0.016 min
Response: 21807075
Conc: 215.35 ng/ml



#6 AR-1016-4

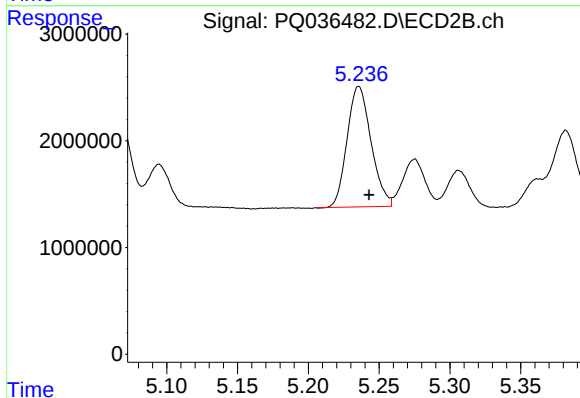
R.T.: 5.023 min
Delta R.T.: -0.008 min
Response: 10890268
Conc: 231.03 ng/ml



#7 AR-1016-5

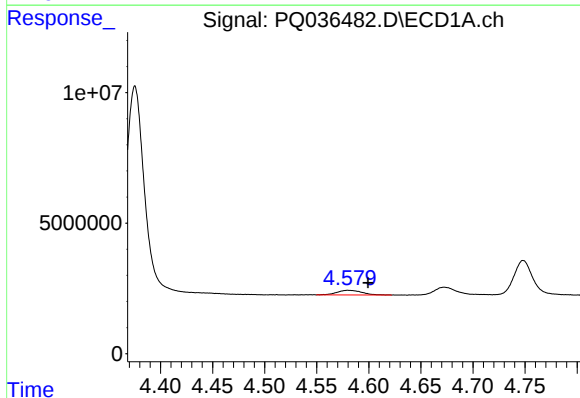
R.T.: 6.007 min
Delta R.T.: -0.017 min
Response: 20799585
Conc: 208.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



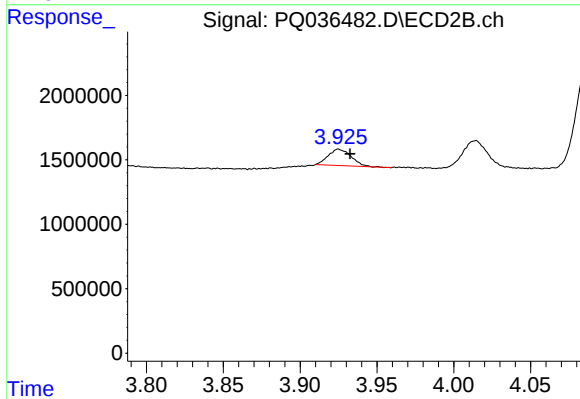
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 13319626
Conc: 218.95 ng/ml



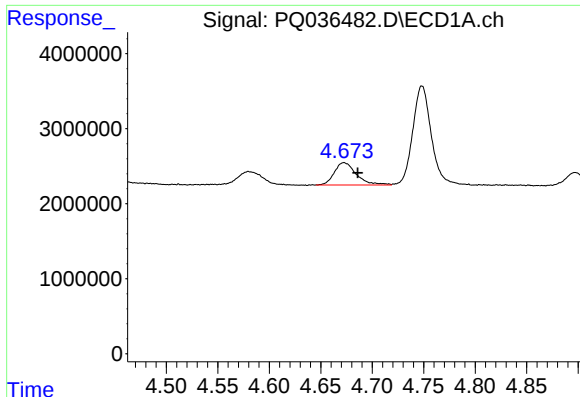
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: -0.019 min
Response: 2947110
Conc: 83.38 ng/ml



#8 AR-1221-1

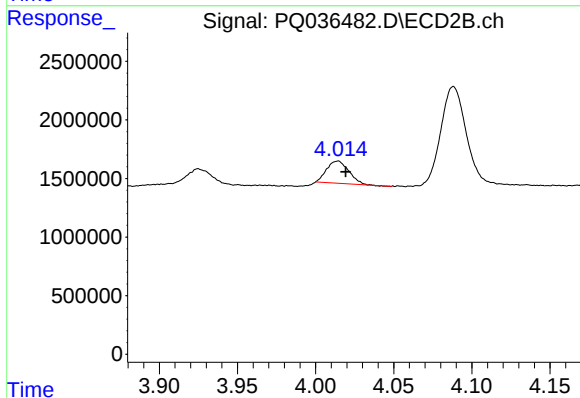
R.T.: 3.925 min
Delta R.T.: -0.007 min
Response: 1325768
Conc: 67.57 ng/ml



#9 AR-1221-2

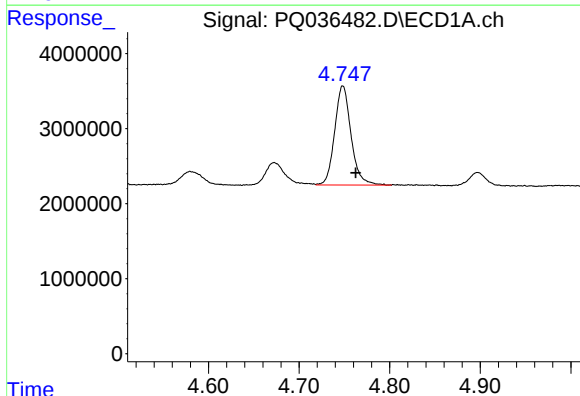
R.T.: 4.673 min
Delta R.T.: -0.014 min
Response: 4479466
Conc: 168.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



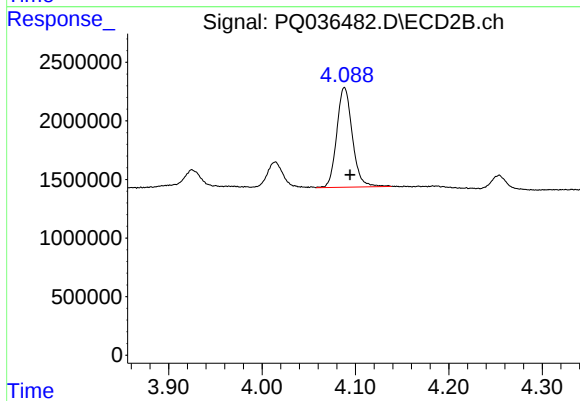
#9 AR-1221-2

R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 1874307
Conc: 126.46 ng/ml



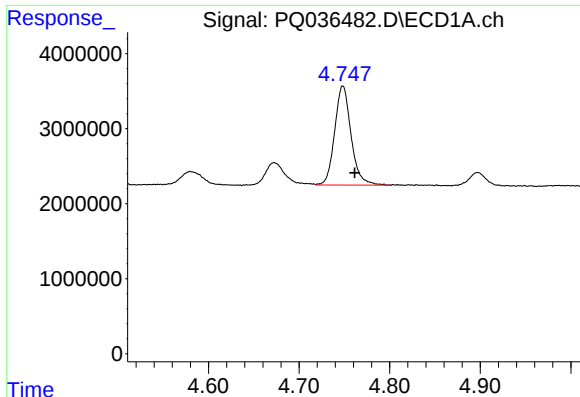
#10 AR-1221-3

R.T.: 4.748 min
Delta R.T.: -0.014 min
Response: 16663630
Conc: 186.92 ng/ml



#10 AR-1221-3

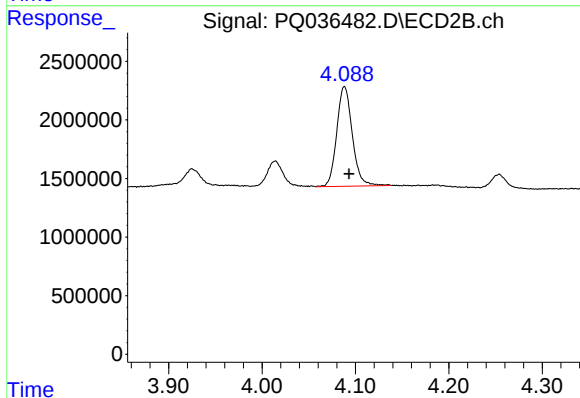
R.T.: 4.088 min
Delta R.T.: -0.006 min
Response: 9839111
Conc: 199.02 ng/ml



#11 AR-1232-1

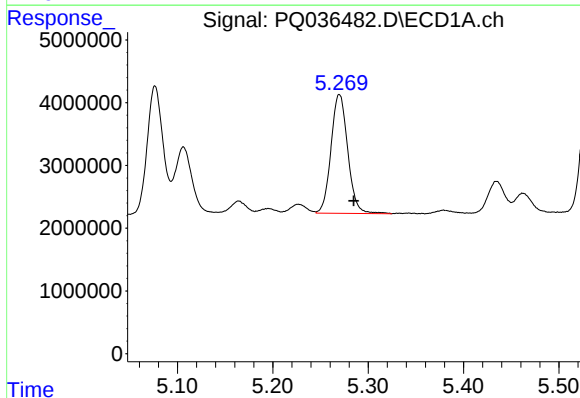
R.T.: 4.748 min
Delta R.T.: -0.013 min
Response: 16663630
Conc: 218.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



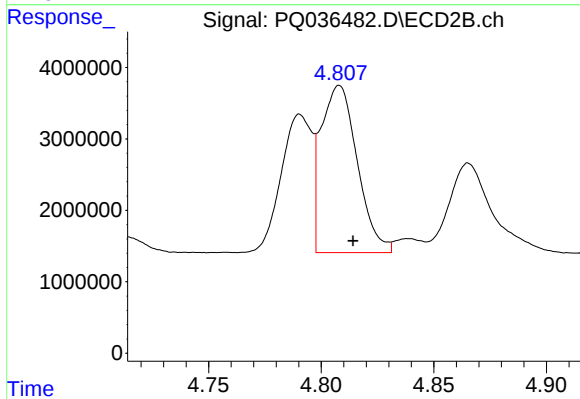
#11 AR-1232-1

R.T.: 4.088 min
Delta R.T.: -0.005 min
Response: 9839111
Conc: 228.64 ng/ml



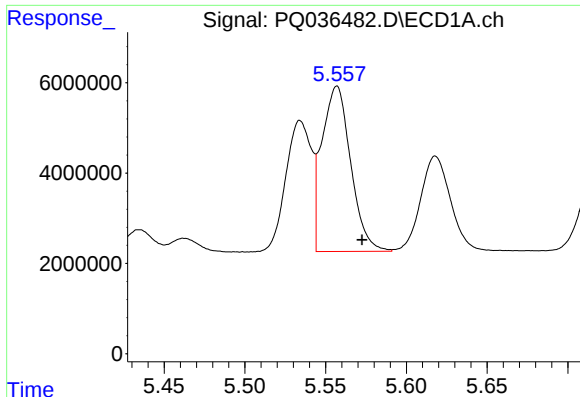
#12 AR-1232-2

R.T.: 5.270 min
Delta R.T.: -0.015 min
Response: 23086119
Conc: 604.84 ng/ml



#12 AR-1232-2

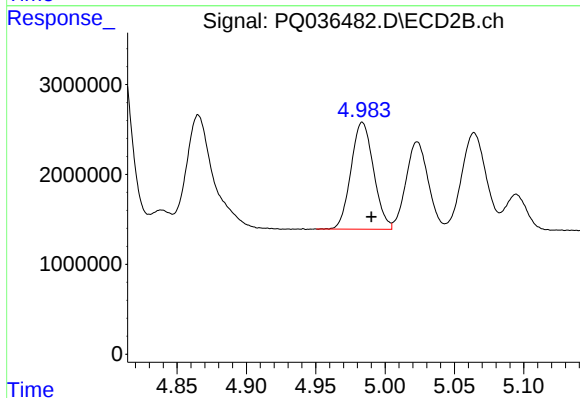
R.T.: 4.808 min
Delta R.T.: -0.006 min
Response: 26287463
Conc: 583.50 ng/ml



#13 AR-1232-3

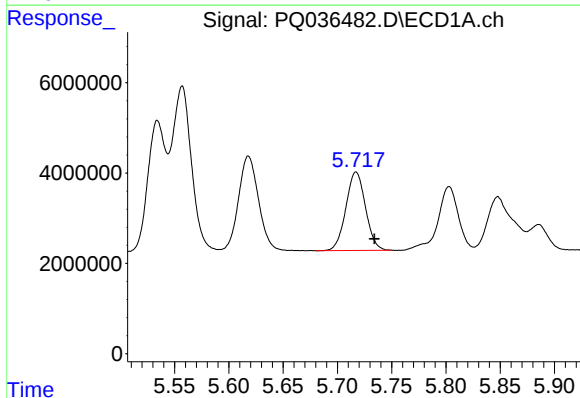
R.T.: 5.557 min
Delta R.T.: -0.016 min
Response: 45531920
Conc: 565.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



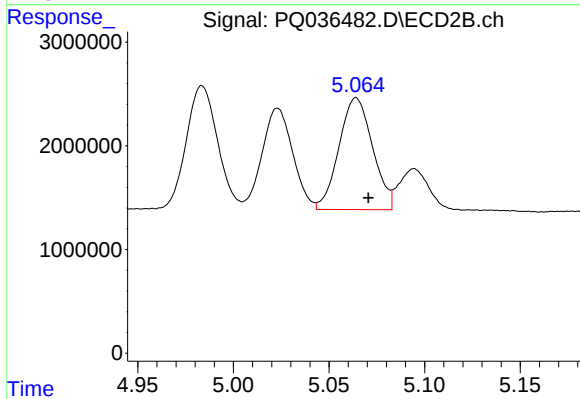
#13 AR-1232-3

R.T.: 4.984 min
Delta R.T.: -0.006 min
Response: 13479447
Conc: 594.76 ng/ml



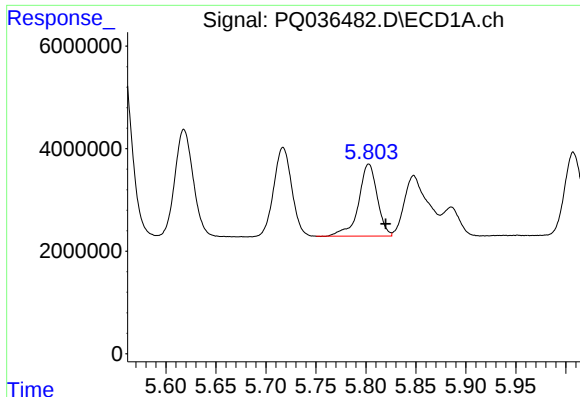
#14 AR-1232-4

R.T.: 5.717 min
Delta R.T.: -0.017 min
Response: 21807075
Conc: 567.35 ng/ml



#14 AR-1232-4

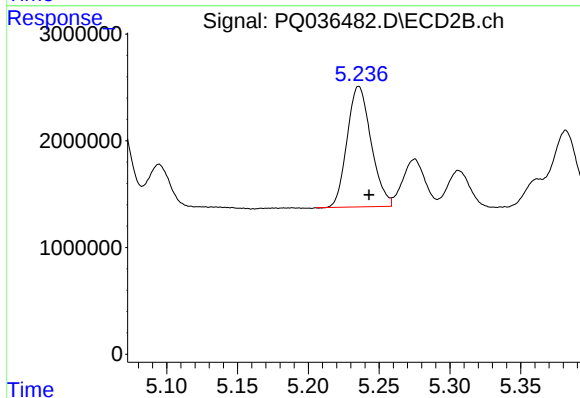
R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 13212651
Conc: 641.95 ng/ml



#15 AR-1232-5

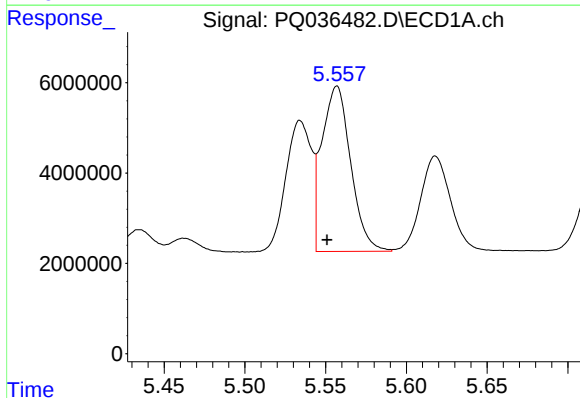
R.T.: 5.803 min
Delta R.T.: -0.017 min
Response: 18275098
Conc: 638.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



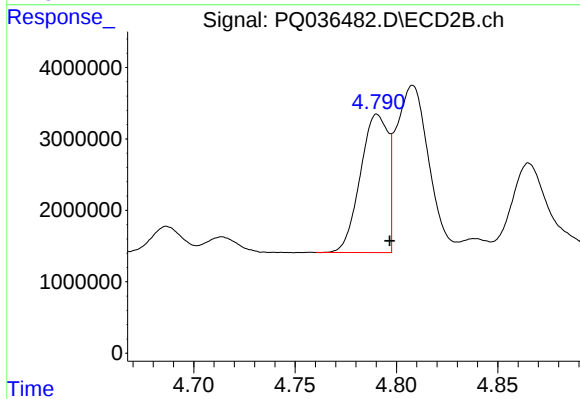
#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 13319626
Conc: 607.36 ng/ml



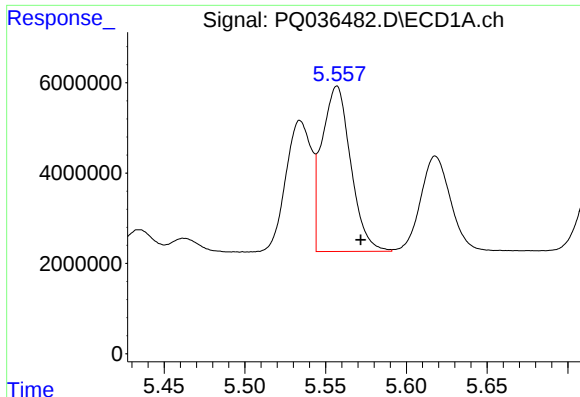
#16 AR-1242-1

R.T.: 5.557 min
Delta R.T.: 0.006 min
Response: 45531920
Conc: 457.98 ng/ml



#16 AR-1242-1

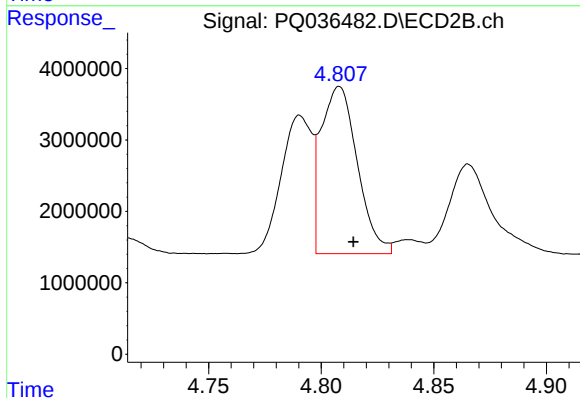
R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 18351926
Conc: 318.31 ng/ml



#17 AR-1242-2

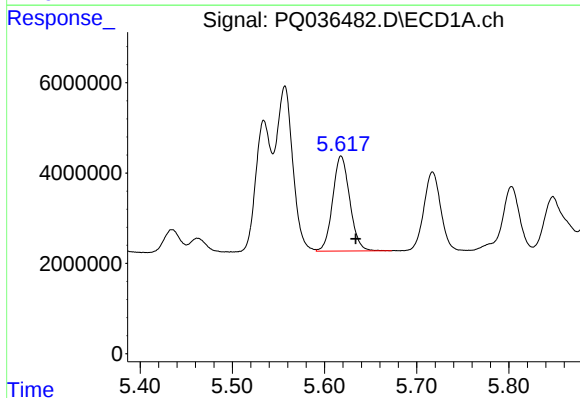
R.T.: 5.557 min
Delta R.T.: -0.015 min
Response: 45531920
Conc: 301.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



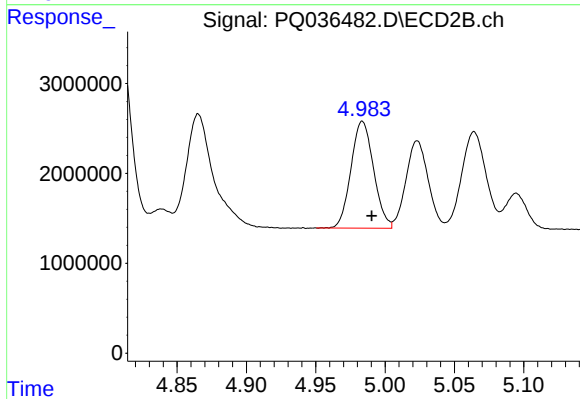
#17 AR-1242-2

R.T.: 4.808 min
Delta R.T.: -0.006 min
Response: 26287463
Conc: 322.34 ng/ml



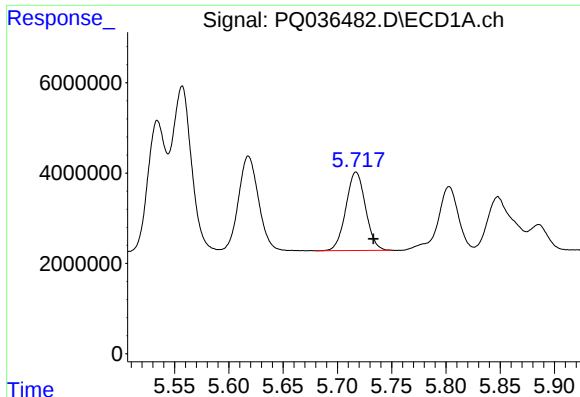
#18 AR-1242-3

R.T.: 5.618 min
Delta R.T.: -0.016 min
Response: 27142427
Conc: 306.04 ng/ml



#18 AR-1242-3

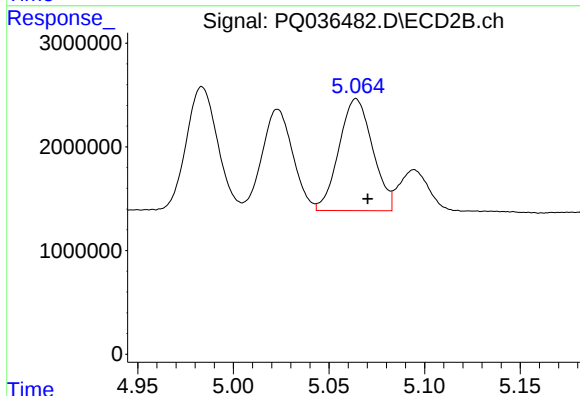
R.T.: 4.984 min
Delta R.T.: -0.007 min
Response: 13479447
Conc: 315.33 ng/ml



#19 AR-1242-4

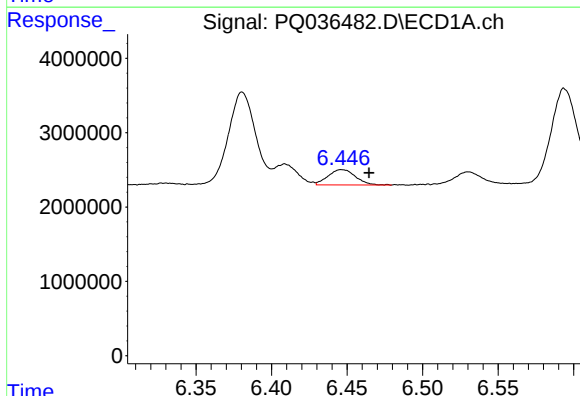
R.T.: 5.717 min
Delta R.T.: -0.016 min
Response: 21807075
Conc: 299.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



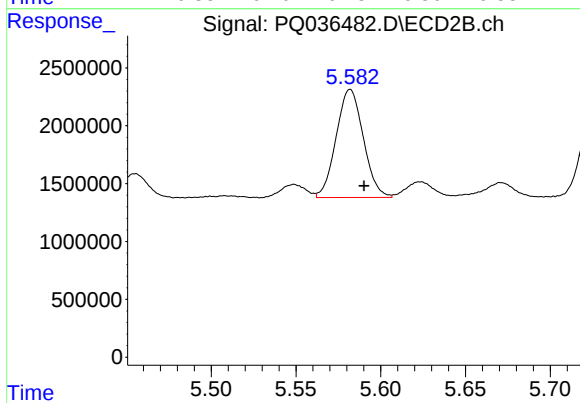
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 13212651
Conc: 310.49 ng/ml



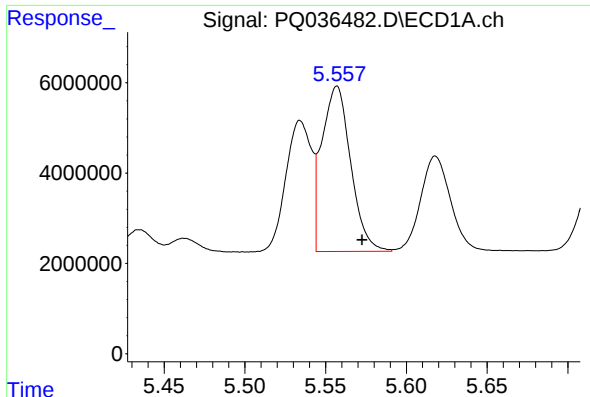
#20 AR-1242-5

R.T.: 6.446 min
Delta R.T.: -0.018 min
Response: 2611273
Conc: 32.91 ng/ml



#20 AR-1242-5

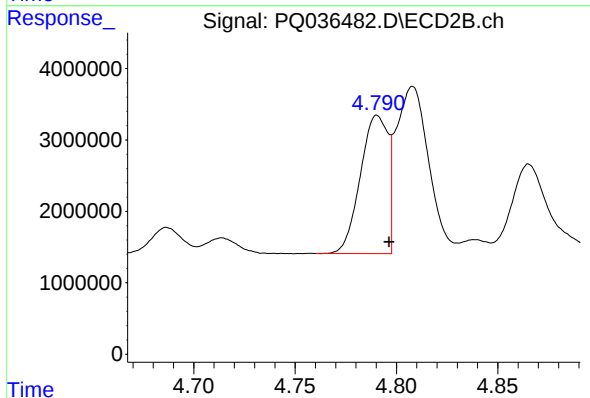
R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 10420953
Conc: 191.85 ng/ml



#21 AR-1248-1

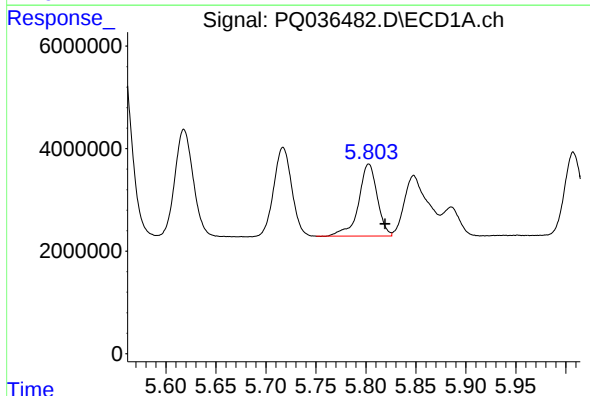
R.T.: 5.557 min
Delta R.T.: -0.016 min
Response: 45531920
Conc: 455.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



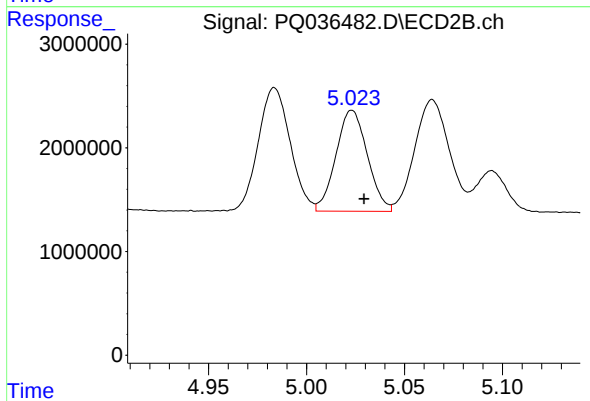
#21 AR-1248-1

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 18351926
Conc: 391.06 ng/ml



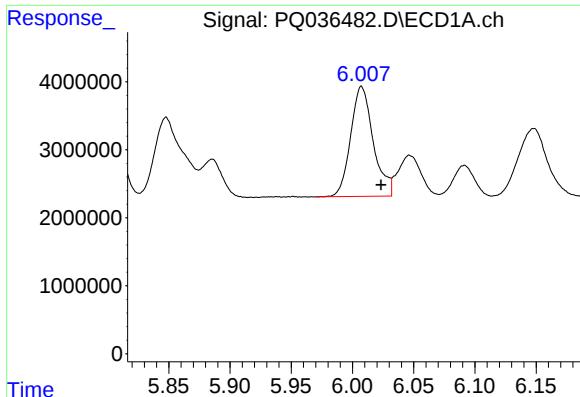
#22 AR-1248-2

R.T.: 5.803 min
Delta R.T.: -0.016 min
Response: 18275098
Conc: 163.60 ng/ml



#22 AR-1248-2

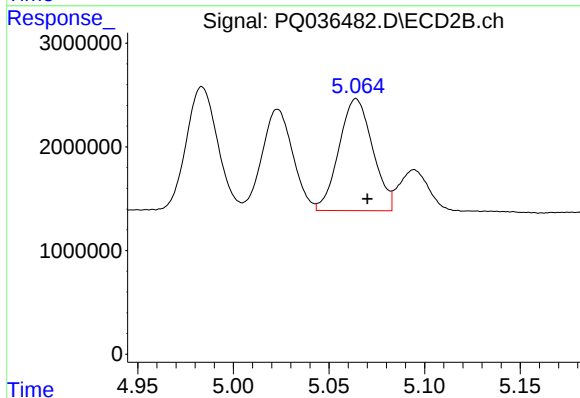
R.T.: 5.023 min
Delta R.T.: -0.006 min
Response: 10890268
Conc: 173.52 ng/ml



#23 AR-1248-3

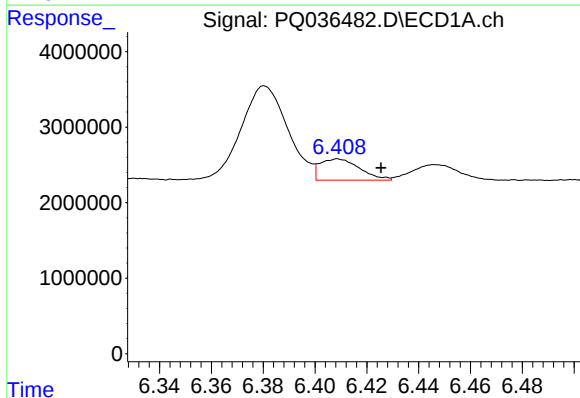
R.T.: 6.007 min
Delta R.T.: -0.016 min
Response: 20799585
Conc: 165.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



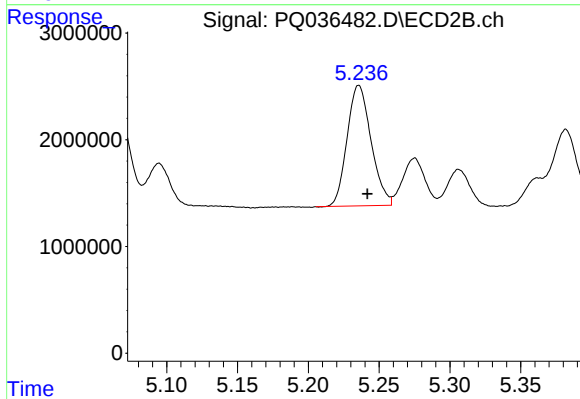
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 13212651
Conc: 205.65 ng/ml



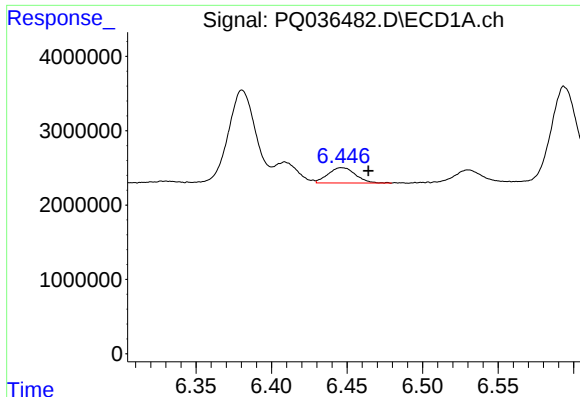
#24 AR-1248-4

R.T.: 6.409 min
Delta R.T.: -0.017 min
Response: 2998162
Conc: 21.03 ng/ml



#24 AR-1248-4

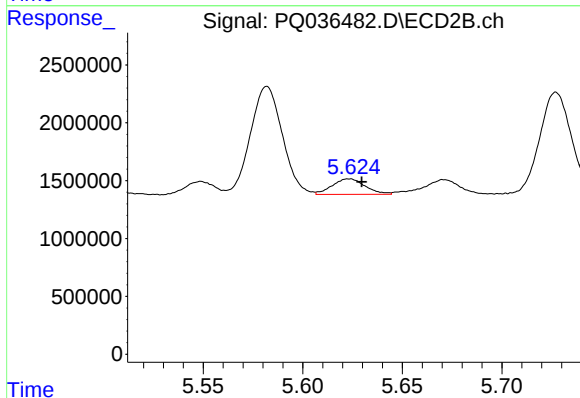
R.T.: 5.236 min
Delta R.T.: -0.006 min
Response: 13319626
Conc: 173.40 ng/ml



#25 AR-1248-5

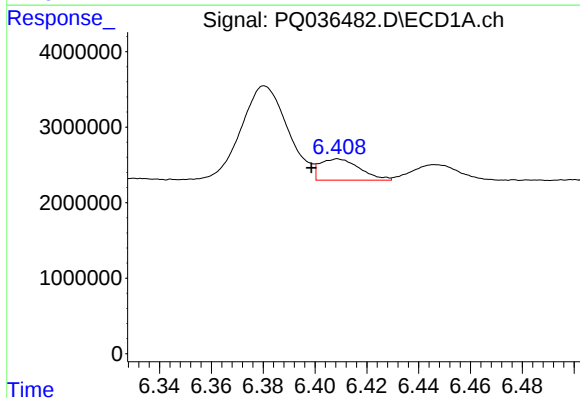
R.T.: 6.446 min
Delta R.T.: -0.018 min
Response: 2611273
Conc: 19.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



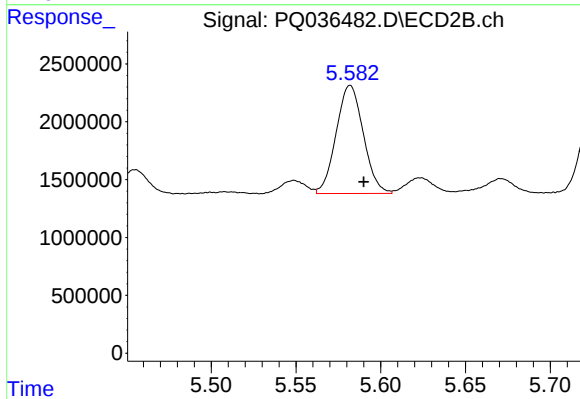
#25 AR-1248-5

R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 1535344
Conc: 20.12 ng/ml



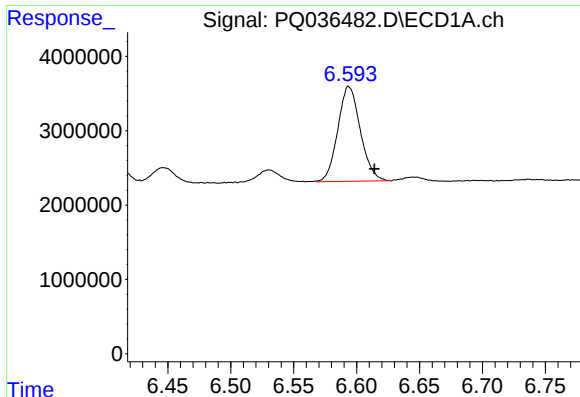
#26 AR-1254-1

R.T.: 6.409 min
Delta R.T.: 0.010 min
Response: 2998162
Conc: 22.05 ng/ml



#26 AR-1254-1

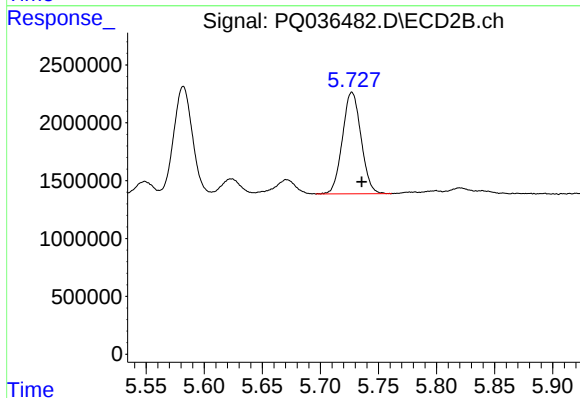
R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 10420953
Conc: 99.64 ng/ml



#27 AR-1254-2

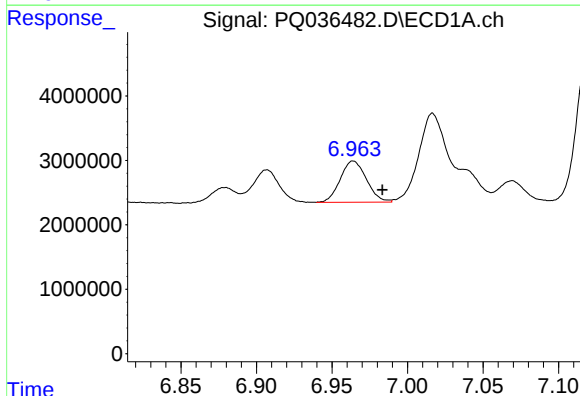
R.T.: 6.594 min
Delta R.T.: -0.020 min
Response: 15908340
Conc: 74.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



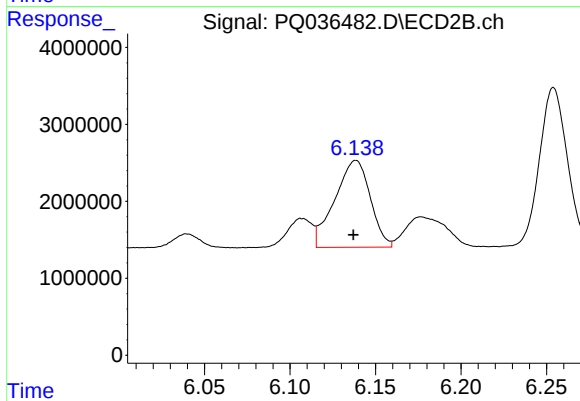
#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: -0.008 min
Response: 9805812
Conc: 107.31 ng/ml



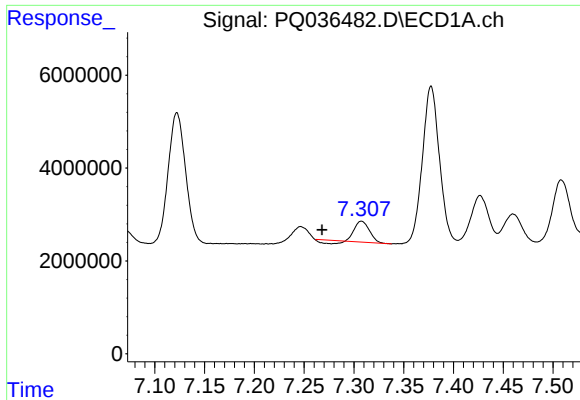
#28 AR-1254-3

R.T.: 6.964 min
Delta R.T.: -0.019 min
Response: 7719096
Conc: 32.88 ng/ml



#28 AR-1254-3

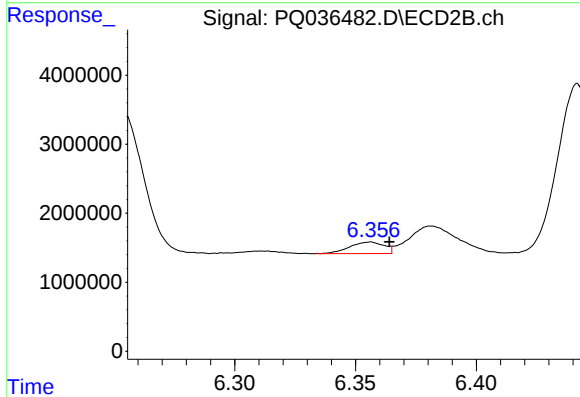
R.T.: 6.138 min
Delta R.T.: 0.001 min
Response: 16337103
Conc: 102.61 ng/ml



#29 AR-1254-4

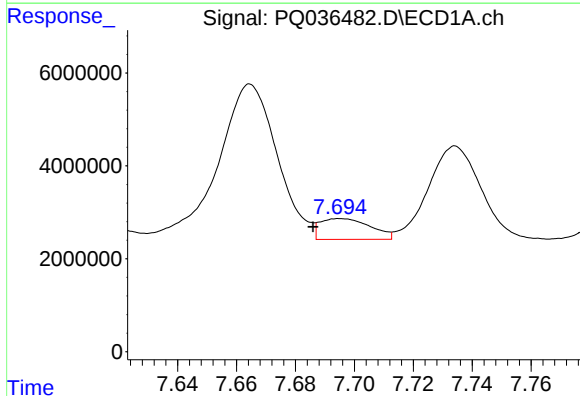
R.T.: 7.308 min
Delta R.T.: 0.040 min
Response: 4136199
Conc: 23.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



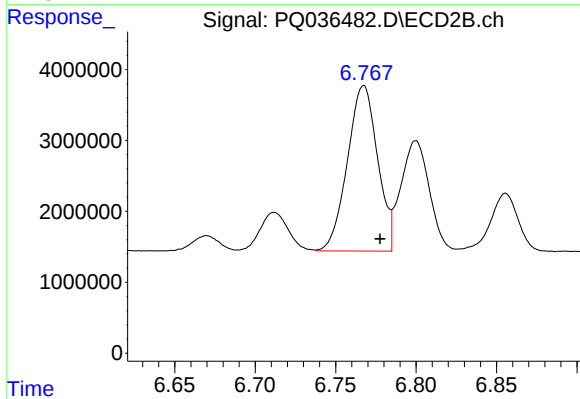
#29 AR-1254-4

R.T.: 6.356 min
Delta R.T.: -0.008 min
Response: 1656153
Conc: 15.78 ng/ml



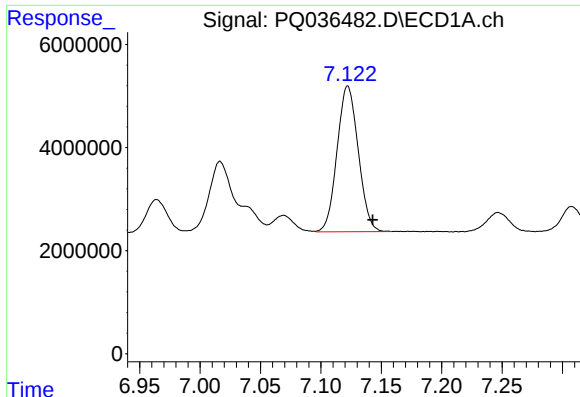
#30 AR-1254-5

R.T.: 7.695 min
Delta R.T.: 0.009 min
Response: 5317941
Conc: 25.96 ng/ml



#30 AR-1254-5

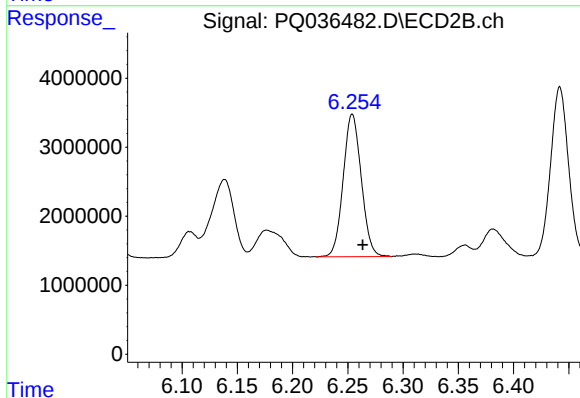
R.T.: 6.767 min
Delta R.T.: -0.010 min
Response: 30405604
Conc: 209.33 ng/ml



#31 AR-1260-1

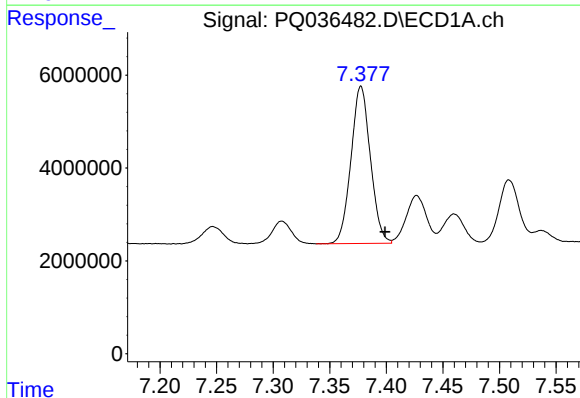
R.T.: 7.122 min
Delta R.T.: -0.021 min
Response: 34502933
Conc: 181.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



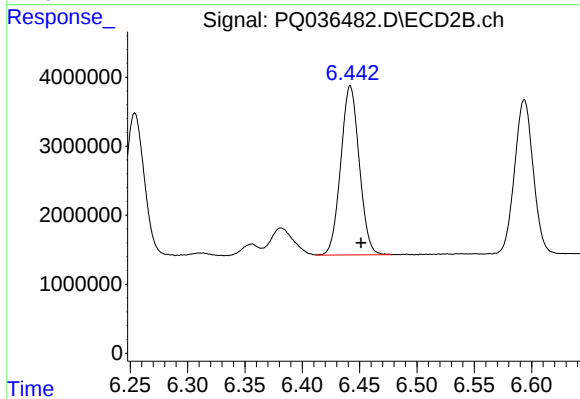
#31 AR-1260-1

R.T.: 6.254 min
Delta R.T.: -0.010 min
Response: 23556070
Conc: 197.83 ng/ml



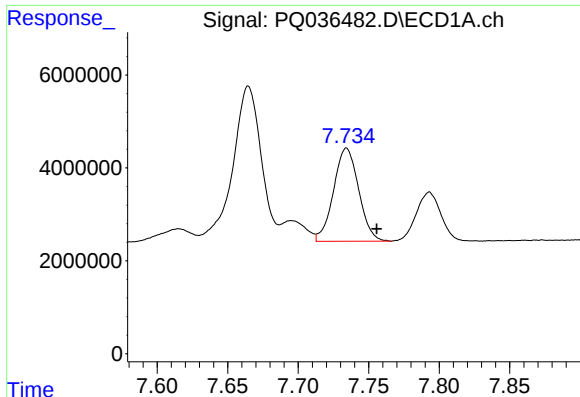
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.021 min
Response: 40460692
Conc: 176.31 ng/ml



#32 AR-1260-2

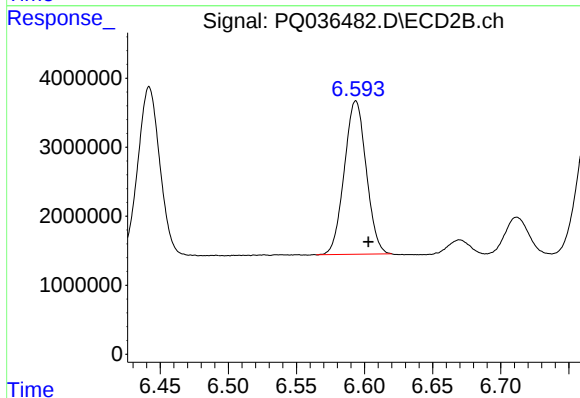
R.T.: 6.442 min
Delta R.T.: -0.009 min
Response: 27561472
Conc: 191.98 ng/ml



#33 AR-1260-3

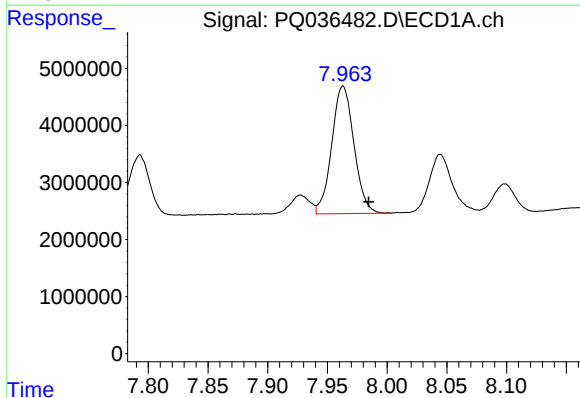
R.T.: 7.734 min
Delta R.T.: -0.021 min
Response: 24942582
Conc: 177.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



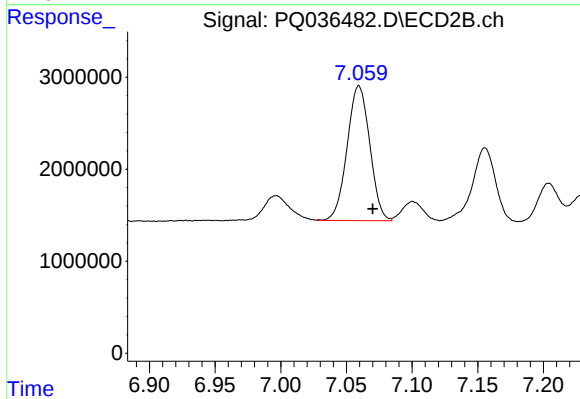
#33 AR-1260-3

R.T.: 6.594 min
Delta R.T.: -0.009 min
Response: 24924419
Conc: 188.77 ng/ml



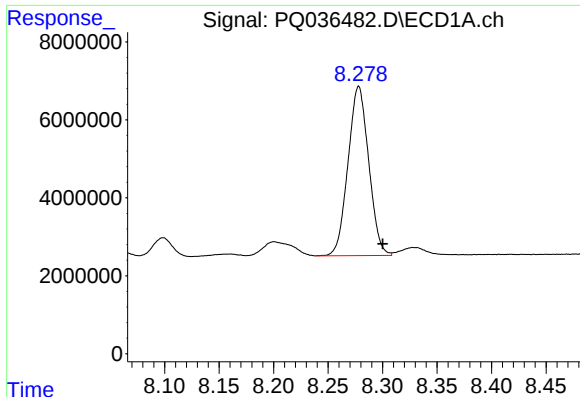
#34 AR-1260-4

R.T.: 7.963 min
Delta R.T.: -0.021 min
Response: 28967066
Conc: 168.00 ng/ml



#34 AR-1260-4

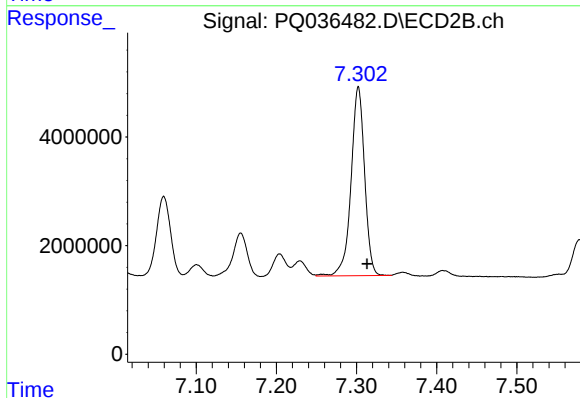
R.T.: 7.059 min
Delta R.T.: -0.010 min
Response: 17615670
Conc: 195.97 ng/ml



#35 AR-1260-5

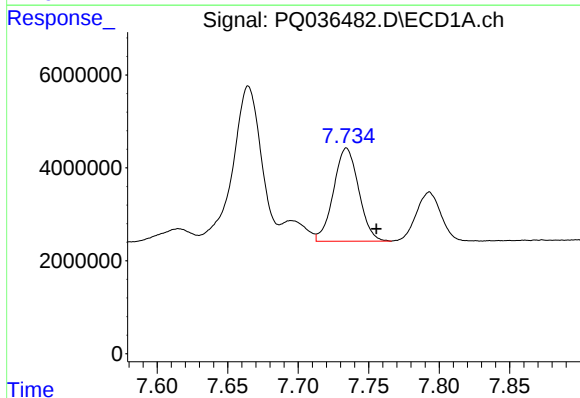
R.T.: 8.278 min
Delta R.T.: -0.022 min
Response: 57367768
Conc: 170.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



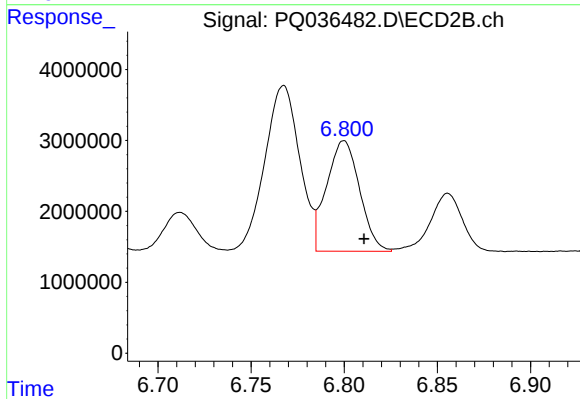
#35 AR-1260-5

R.T.: 7.302 min
Delta R.T.: -0.011 min
Response: 40900793
Conc: 185.13 ng/ml



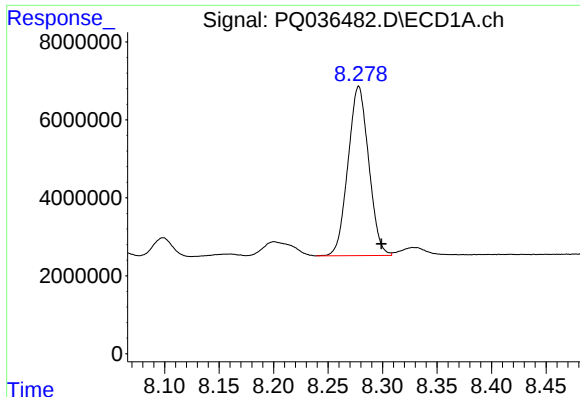
#36 AR-1262-1

R.T.: 7.734 min
Delta R.T.: -0.021 min
Response: 24942582
Conc: 106.43 ng/ml



#36 AR-1262-1

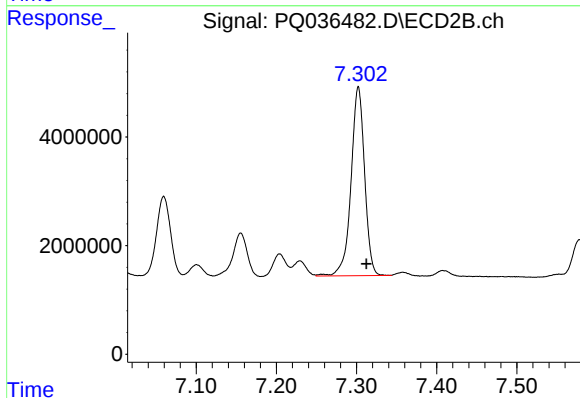
R.T.: 6.800 min
Delta R.T.: -0.011 min
Response: 19229334
Conc: 124.74 ng/ml



#37 AR-1262-2

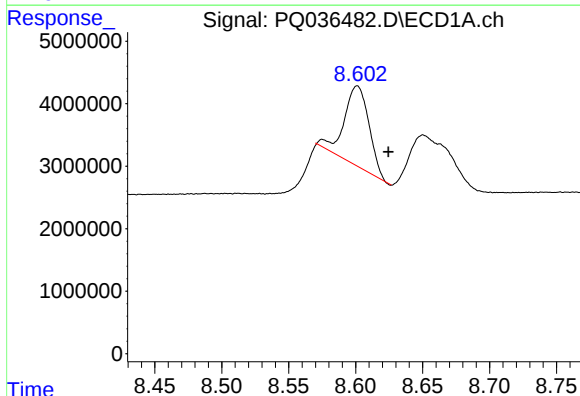
R.T.: 8.278 min
Delta R.T.: -0.021 min
Response: 57367768
Conc: 133.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



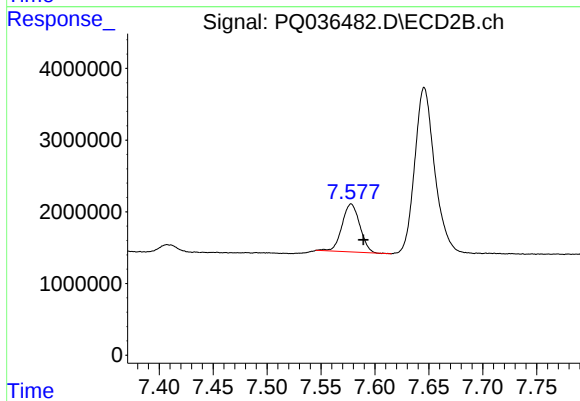
#37 AR-1262-2

R.T.: 7.302 min
Delta R.T.: -0.010 min
Response: 40900793
Conc: 146.92 ng/ml



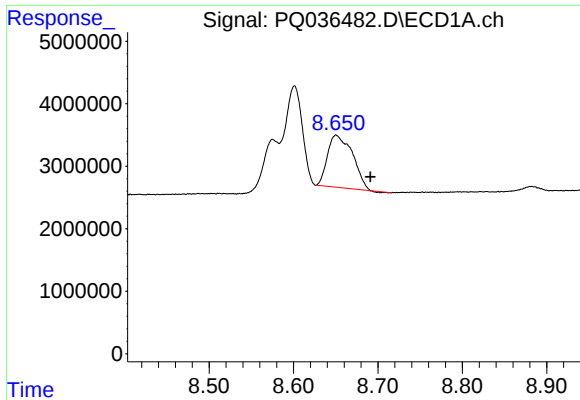
#38 AR-1262-3

R.T.: 8.601 min
Delta R.T.: -0.023 min
Response: 16442283
Conc: 176.68 ng/ml



#38 AR-1262-3

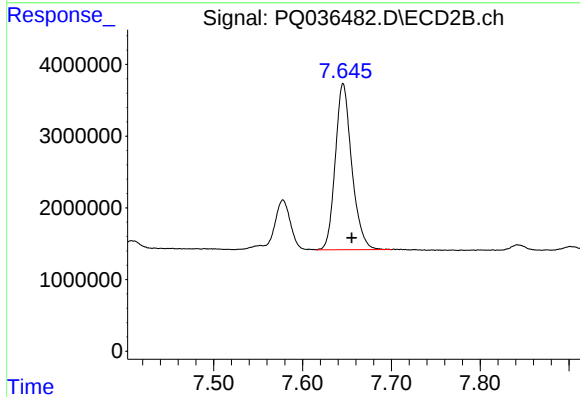
R.T.: 7.578 min
Delta R.T.: -0.011 min
Response: 7680847
Conc: 74.09 ng/ml



#39 AR-1262-4

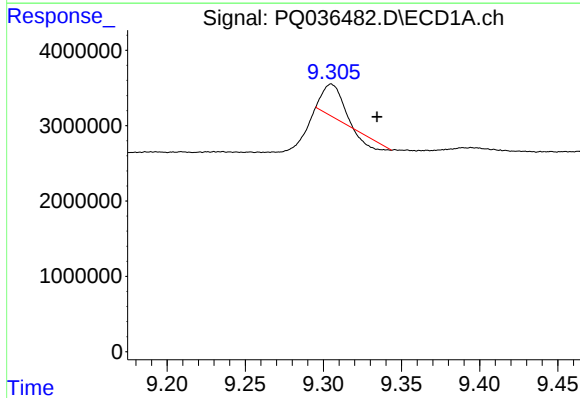
R.T.: 8.650 min
Delta R.T.: -0.041 min
Response: 17223219
Conc: 83.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



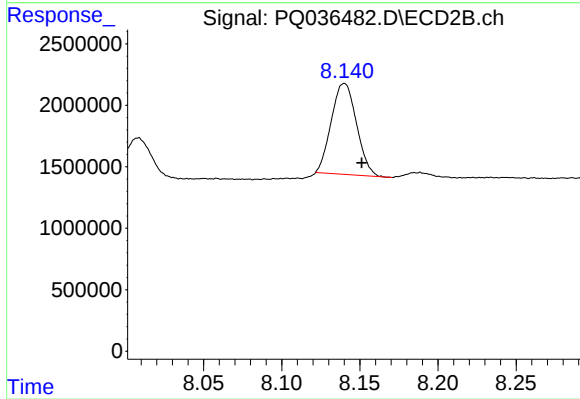
#39 AR-1262-4

R.T.: 7.646 min
Delta R.T.: -0.010 min
Response: 29891809
Conc: 150.19 ng/ml



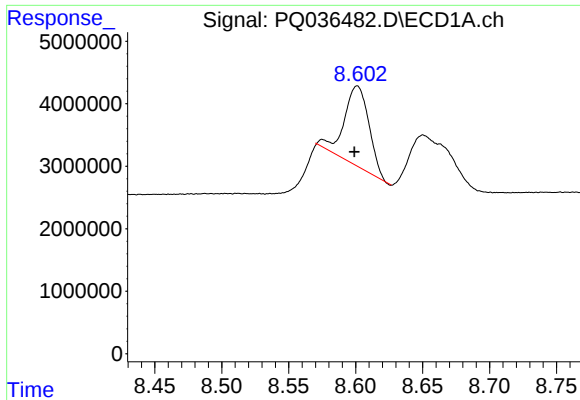
#40 AR-1262-5

R.T.: 9.305 min
Delta R.T.: -0.029 min
Response: 2700490
Conc: 18.59 ng/ml



#40 AR-1262-5

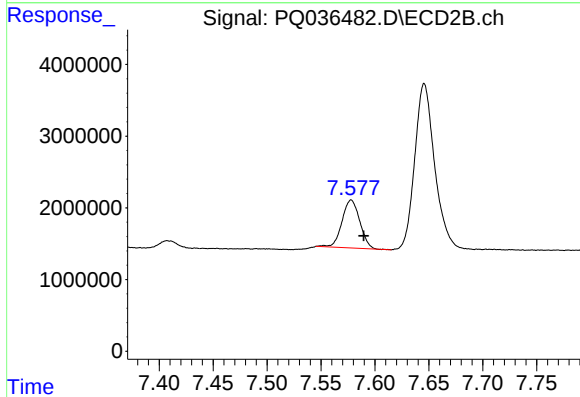
R.T.: 8.140 min
Delta R.T.: -0.011 min
Response: 8306942
Conc: 94.47 ng/ml



#41 AR-1268-1

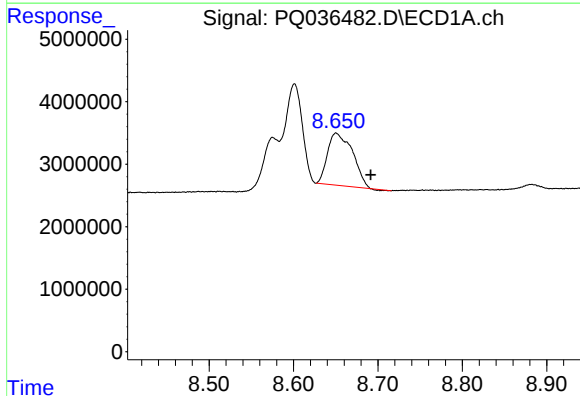
R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 16442283
Conc: 32.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



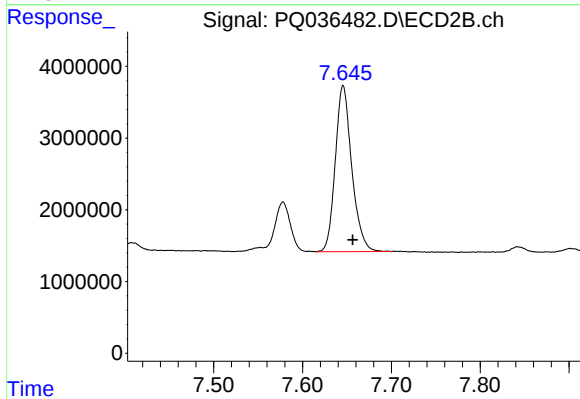
#41 AR-1268-1

R.T.: 7.578 min
Delta R.T.: -0.012 min
Response: 7680847
Conc: 24.18 ng/ml



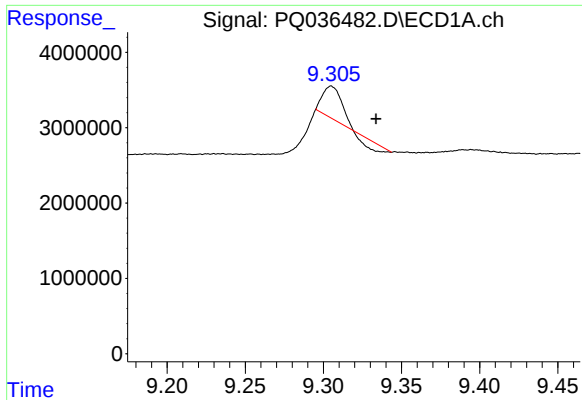
#42 AR-1268-2

R.T.: 8.650 min
Delta R.T.: -0.041 min
Response: 17223219
Conc: 36.02 ng/ml



#42 AR-1268-2

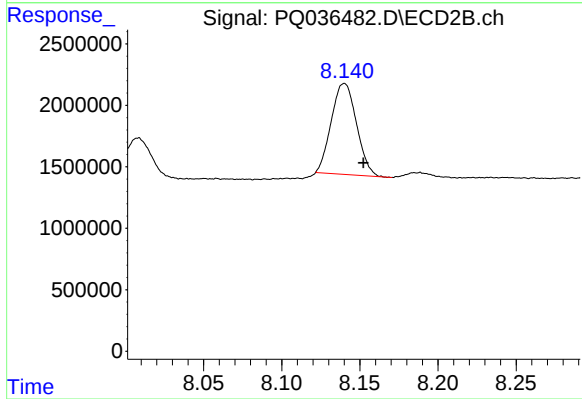
R.T.: 7.646 min
Delta R.T.: -0.011 min
Response: 29891809
Conc: 103.81 ng/ml



#44 AR-1268-4

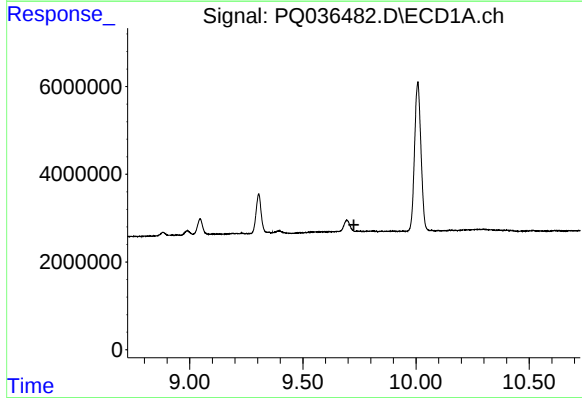
R.T.: 9.305 min
Delta R.T.: -0.029 min
Response: 2700490
Conc: 16.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116411BS



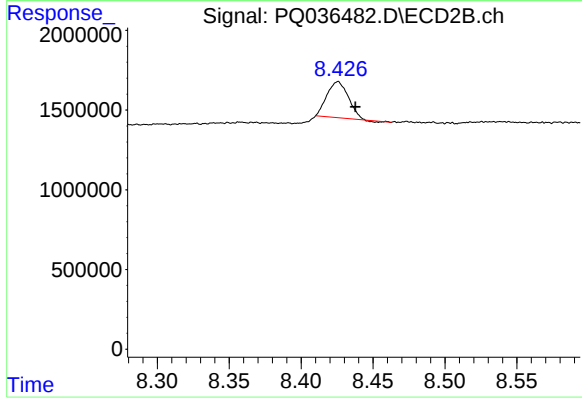
#44 AR-1268-4

R.T.: 8.140 min
Delta R.T.: -0.012 min
Response: 8306942
Conc: 83.55 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.725 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: -0.012 min
Response: 2333827
Conc: 3.10 ng/ml