

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112123\
 Data File : PQ064291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 20:35
 Operator : YP\AJ
 Sample : PB157350BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 01:02:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 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...	3.458	2.775	79842734	81443060	18.732	22.145
2)	SA Decachlor...	8.691	7.571	63370862	83829007	19.628	17.891
Target Compounds							
3)	L1 AR-1016-1	4.572	3.784	58800891	57965315	426.681	460.122
4)	L1 AR-1016-2	4.591	3.799	89269570	84760318	422.654	467.823
5)	L1 AR-1016-3	4.650	3.960	55362623	45470890	415.702	466.608
6)	L1 AR-1016-4	4.742	4.010	44165780	38835624	420.073	460.318
7)	L1 AR-1016-5	5.033	4.205	45236208	45703957	426.982	456.989
8)	L2 AR-1221-1	3.657	2.978	5598657	6534245	103.465	126.800
9)	L2 AR-1221-2	3.741	3.055	7444990	8351179	203.806	239.513
10)	L2 AR-1221-3	3.811	3.124	32184363	35764000	271.011	324.234
11)	L3 AR-1232-1	3.811	3.124	32184363	35764000	344.097	413.031
12)	L3 AR-1232-2	4.311	3.799	46671931	84760318	888.701	1065.611
13)	L3 AR-1232-3	4.591	3.960	89269570	45470890	992.517	1098.350
14)	L3 AR-1232-4	4.742	4.046	44165780	42442941	1010.076	1168.692
15)	L3 AR-1232-5	4.841	4.205	36603729	45703957	1094.600	1087.739
16)	L4 AR-1242-1	4.572	3.784	58800891	57965315	521.820	563.499
17)	L4 AR-1242-2	4.591	3.799	89269570	84760318	527.910	574.367
18)	L4 AR-1242-3	4.650	3.960	55362623	45470890	524.537	571.563
19)	L4 AR-1242-4	4.742	4.046	44165780	42442941	520.531	559.300
20)	L4 AR-1242-5	5.465	4.544	6067830	36105297	68.624	358.921 #
21)	L5 AR-1248-1	4.572	3.784	58800891	57965315	706.269	743.392
22)	L5 AR-1248-2	4.841	4.010	36603729	38835624	301.585	327.610
23)	L5 AR-1248-3	5.033	4.046	45236208	42442941	312.420	376.724
24)	L5 AR-1248-4	5.429	4.205	7176261	45703957	46.306	332.011 #
25)	L5 AR-1248-5	5.465	4.582	6067830	5562613	39.683	41.429
26)	L6 AR-1254-1	5.402	4.544	35209246	36105297	224.335	185.762
27)	L6 AR-1254-2	5.622	4.691	38715241	35183825	163.248	201.969
28)	L6 AR-1254-3	5.977	5.075	19796650	17659190	79.844	65.974
29)	L6 AR-1254-4	6.262	5.302	13236596	7484429	73.041	42.663 #
30)	L6 AR-1254-5	6.677	5.709	122.3E6	130.1E6	613.095	510.365
31)	L7 AR-1260-1	6.143	5.204	84972984	86646060	415.055	438.061
32)	L7 AR-1260-2	6.404	5.395	102.6E6	105.5E6	424.625	441.816
33)	L7 AR-1260-3	6.760	5.537	64870989	99750115	403.047	441.614
34)	L7 AR-1260-4	6.979	6.001	75406507	75309945	408.728	437.692
35)	L7 AR-1260-5	7.292	6.248	140.3E6	172.8E6	394.839	432.963
36)	L8 AR-1262-1	6.760	5.803	64870989	39243670	248.228	358.457 #
37)	L8 AR-1262-2	7.292	6.001	140.3E6	75309945	329.905	304.876
38)	L8 AR-1262-3	7.571	6.527	90837700	36685382	317.031	181.081 #
39)	L8 AR-1262-4	7.639	6.585	51723920	136.8E6	225.418	367.079 #
40)	L8 AR-1262-5	8.153	7.083	32983131	52711863	231.547	291.534 #
41)	L9 AR-1268-1	7.571	6.527	90837700	36685382	183.693	63.937 #

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 ALS Vial : 26 Sample Multiplier: 1

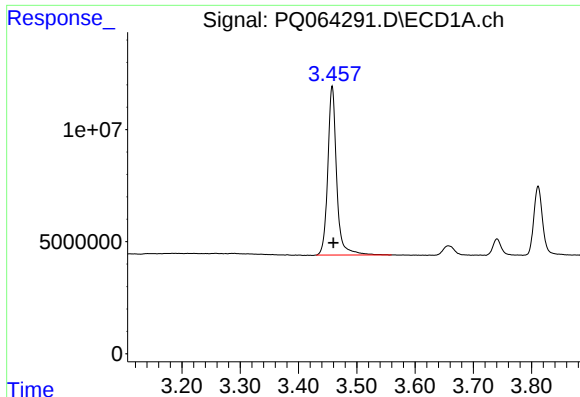
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 01:02:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
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 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	7.639	6.585	51723920	136.8E6	115.501	263.499 #
43) L9	AR-1268-3	7.827	6.791	2848921	4367644	7.302	9.420 #
44) L9	AR-1268-4	8.153	7.083	32983131	52711863	210.979	269.868 #
45) L9	AR-1268-5	8.452	7.353	10875412	17293605	9.645	11.300

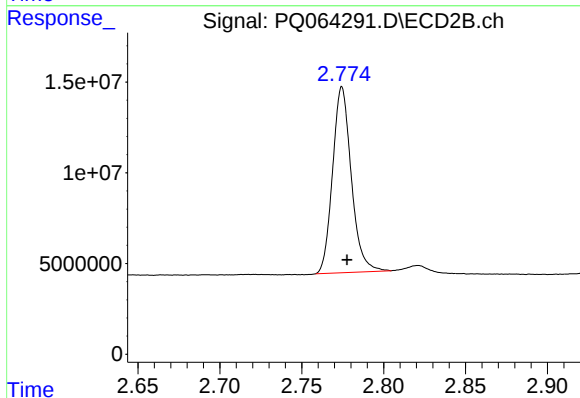
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

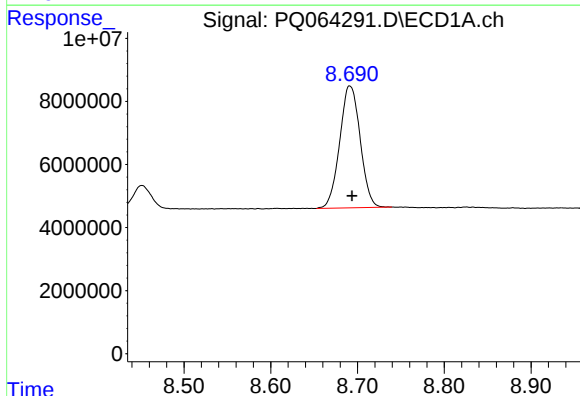
R.T.: 3.458 min
Delta R.T.: -0.002 min
Response: 79842734
Conc: 18.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



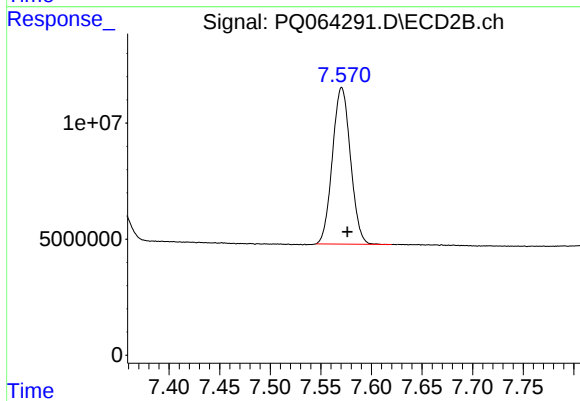
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 81443060
Conc: 22.15 ng/ml



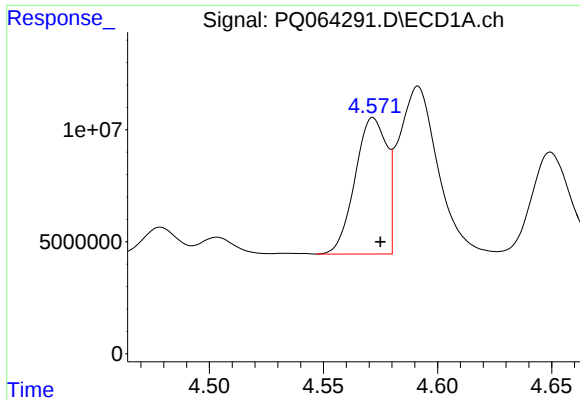
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 63370862
Conc: 19.63 ng/ml



#2 Decachlorobiphenyl

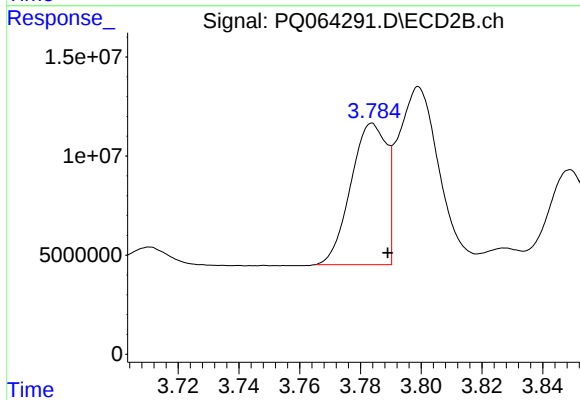
R.T.: 7.571 min
Delta R.T.: -0.006 min
Response: 83829007
Conc: 17.89 ng/ml



#3 AR-1016-1

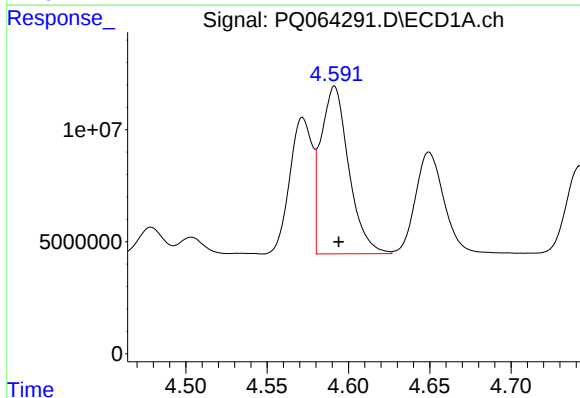
R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 58800891
Conc: 426.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



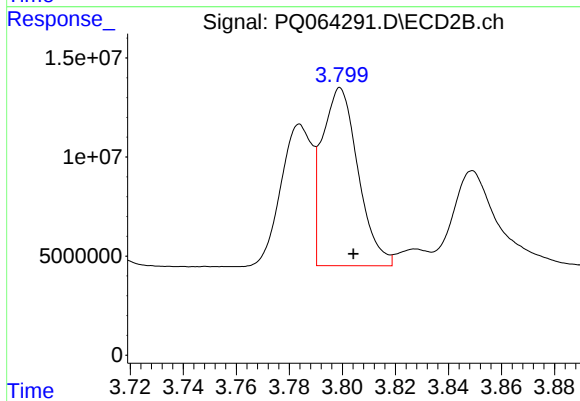
#3 AR-1016-1

R.T.: 3.784 min
Delta R.T.: -0.005 min
Response: 57965315
Conc: 460.12 ng/ml



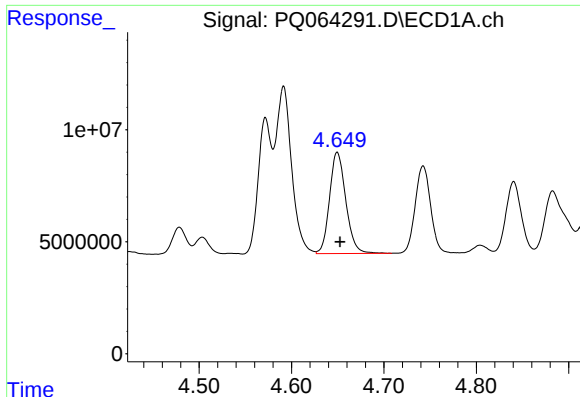
#4 AR-1016-2

R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 89269570
Conc: 422.65 ng/ml



#4 AR-1016-2

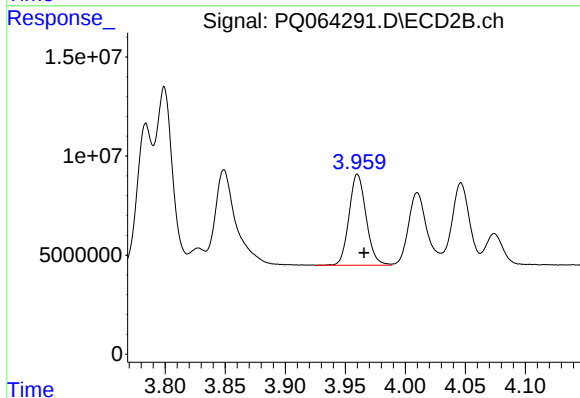
R.T.: 3.799 min
Delta R.T.: -0.005 min
Response: 84760318
Conc: 467.82 ng/ml



#5 AR-1016-3

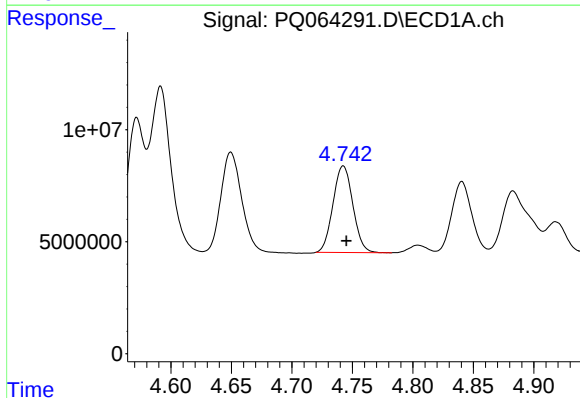
R.T.: 4.650 min
Delta R.T.: -0.003 min
Response: 55362623
Conc: 415.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



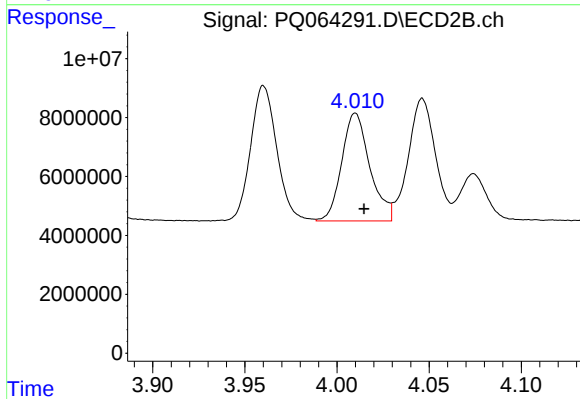
#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 45470890
Conc: 466.61 ng/ml



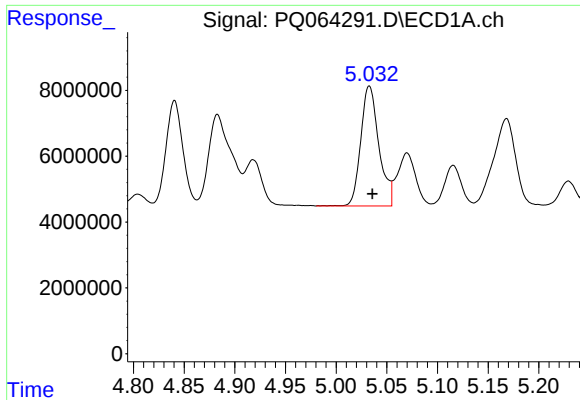
#6 AR-1016-4

R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 44165780
Conc: 420.07 ng/ml



#6 AR-1016-4

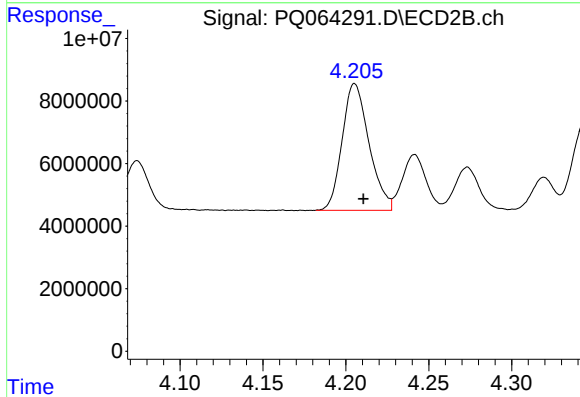
R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 38835624
Conc: 460.32 ng/ml



#7 AR-1016-5

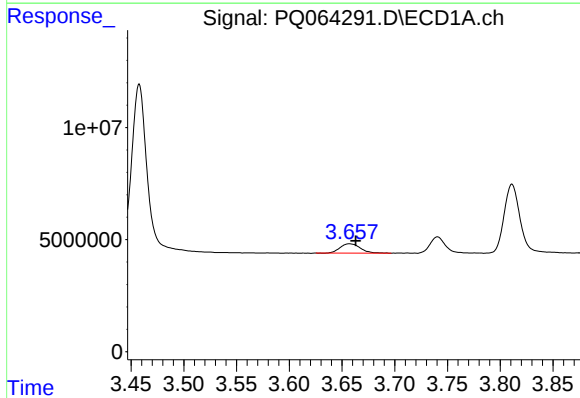
R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 45236208
Conc: 426.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



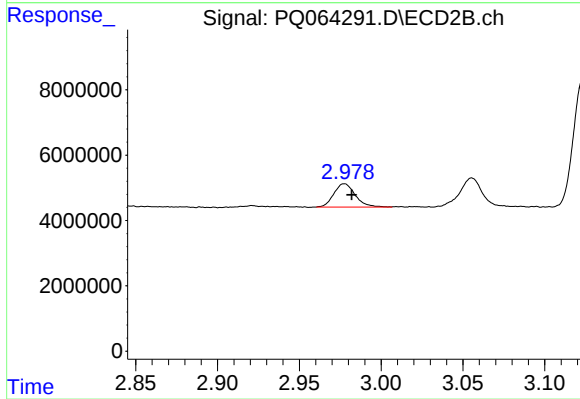
#7 AR-1016-5

R.T.: 4.205 min
Delta R.T.: -0.005 min
Response: 45703957
Conc: 456.99 ng/ml



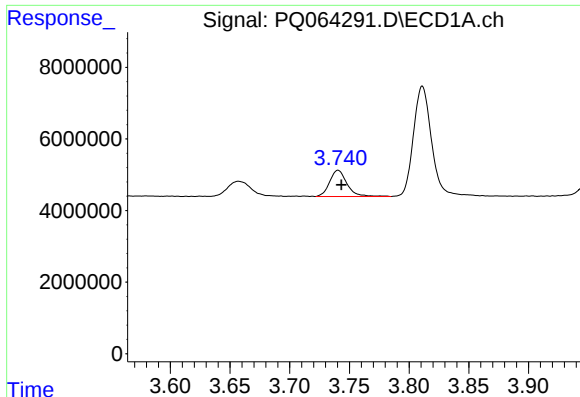
#8 AR-1221-1

R.T.: 3.657 min
Delta R.T.: -0.006 min
Response: 5598657
Conc: 103.46 ng/ml



#8 AR-1221-1

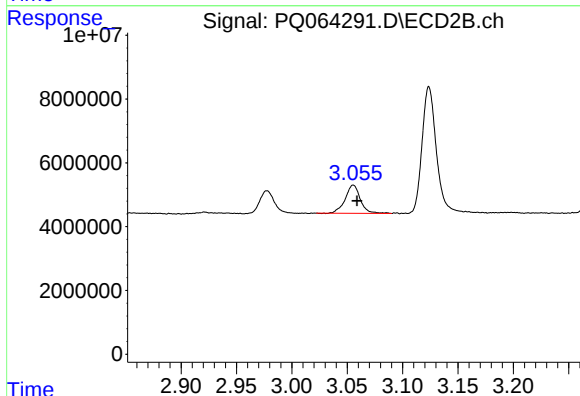
R.T.: 2.978 min
Delta R.T.: -0.004 min
Response: 6534245
Conc: 126.80 ng/ml



#9 AR-1221-2

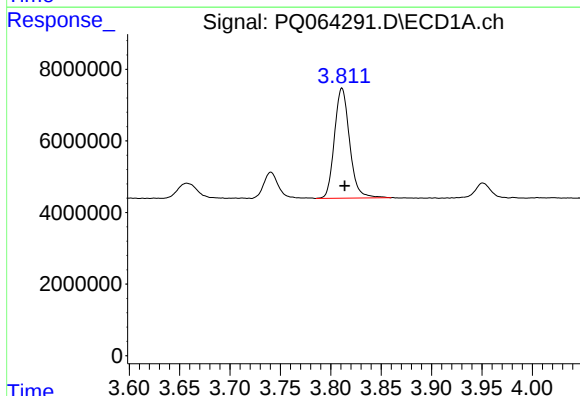
R.T.: 3.741 min
Delta R.T.: -0.003 min
Response: 7444990
Conc: 203.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



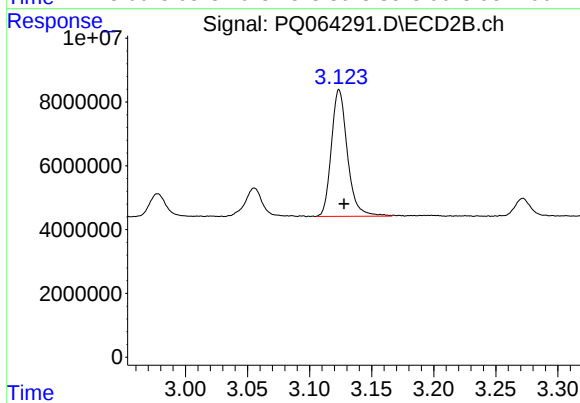
#9 AR-1221-2

R.T.: 3.055 min
Delta R.T.: -0.003 min
Response: 8351179
Conc: 239.51 ng/ml



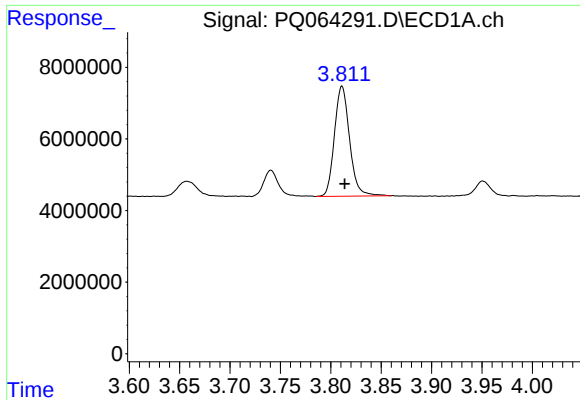
#10 AR-1221-3

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 32184363
Conc: 271.01 ng/ml



#10 AR-1221-3

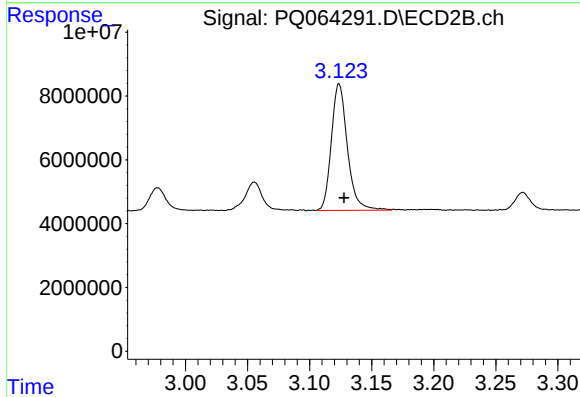
R.T.: 3.124 min
Delta R.T.: -0.004 min
Response: 35764000
Conc: 324.23 ng/ml



#11 AR-1232-1

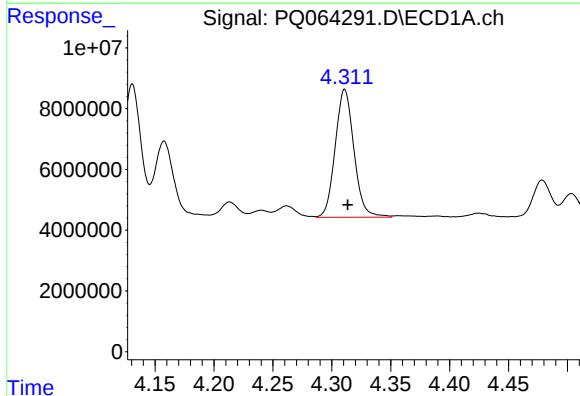
R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 32184363
Conc: 344.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



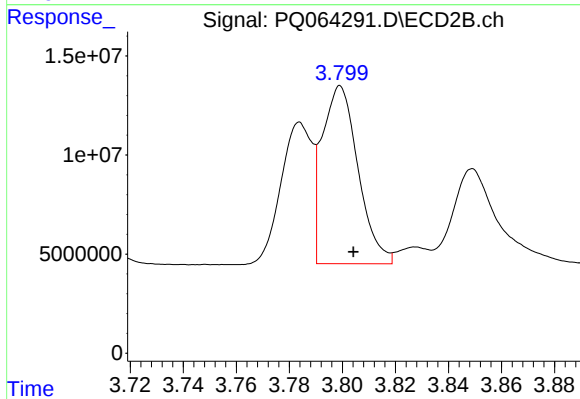
#11 AR-1232-1

R.T.: 3.124 min
Delta R.T.: -0.004 min
Response: 35764000
Conc: 413.03 ng/ml



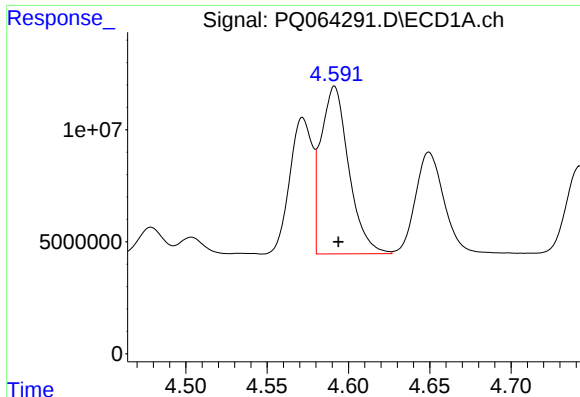
#12 AR-1232-2

R.T.: 4.311 min
Delta R.T.: -0.003 min
Response: 46671931
Conc: 888.70 ng/ml



#12 AR-1232-2

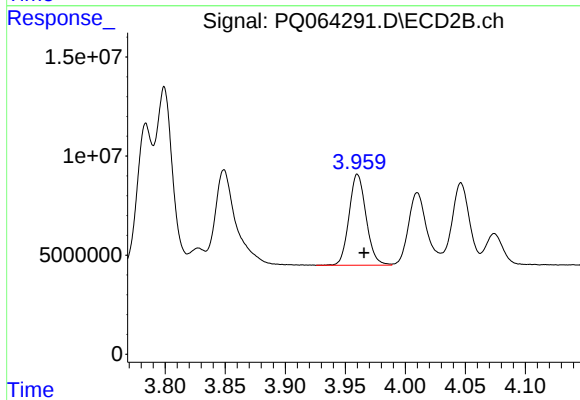
R.T.: 3.799 min
Delta R.T.: -0.005 min
Response: 84760318
Conc: 1065.61 ng/ml



#13 AR-1232-3

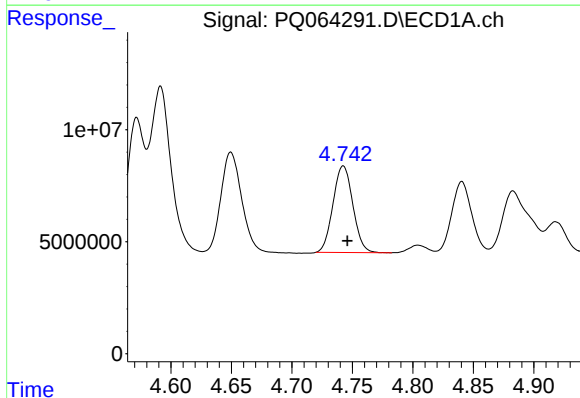
R.T.: 4.591 min
Delta R.T.: -0.002 min
Response: 89269570
Conc: 992.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



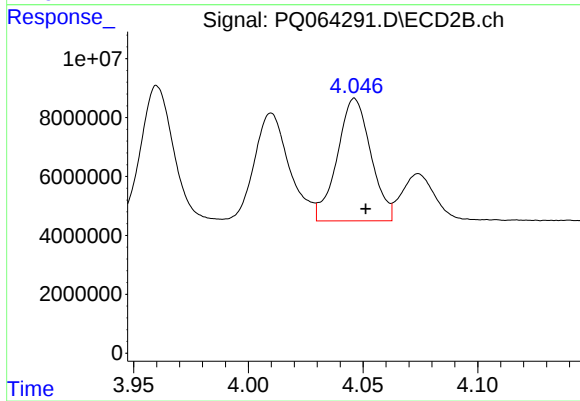
#13 AR-1232-3

R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 45470890
Conc: 1098.35 ng/ml



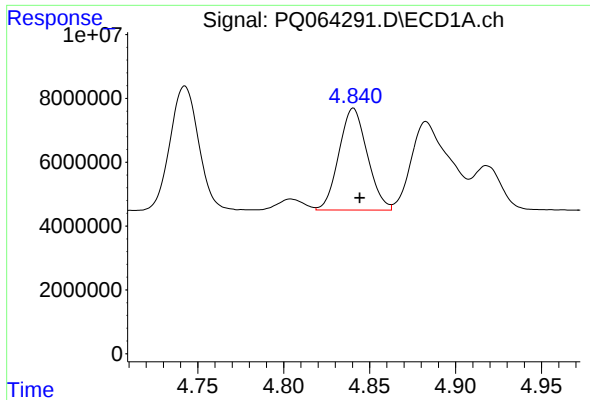
#14 AR-1232-4

R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 44165780
Conc: 1010.08 ng/ml



#14 AR-1232-4

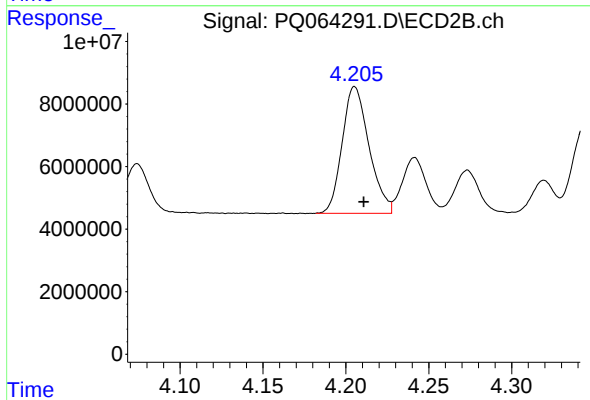
R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 42442941
Conc: 1168.69 ng/ml



#15 AR-1232-5

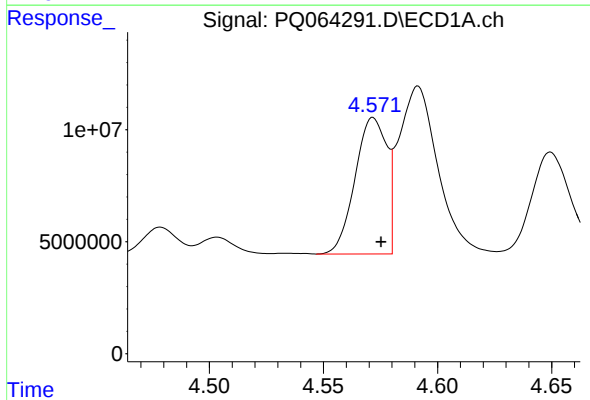
R.T.: 4.841 min
Delta R.T.: -0.004 min
Response: 36603729
Conc: 1094.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



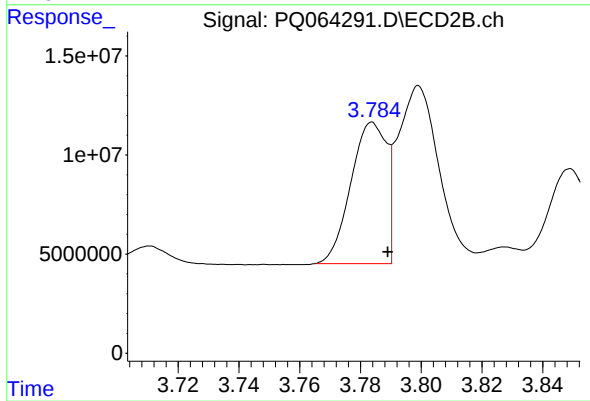
#15 AR-1232-5

R.T.: 4.205 min
Delta R.T.: -0.005 min
Response: 45703957
Conc: 1087.74 ng/ml



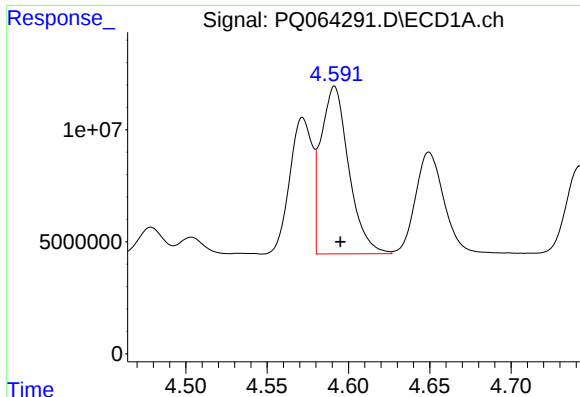
#16 AR-1242-1

R.T.: 4.572 min
Delta R.T.: -0.004 min
Response: 58800891
Conc: 521.82 ng/ml



#16 AR-1242-1

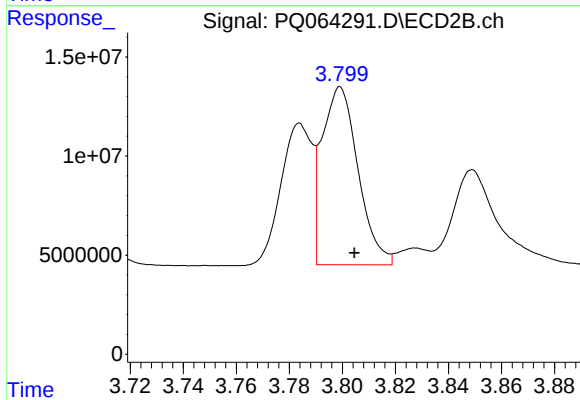
R.T.: 3.784 min
Delta R.T.: -0.005 min
Response: 57965315
Conc: 563.50 ng/ml



#17 AR-1242-2

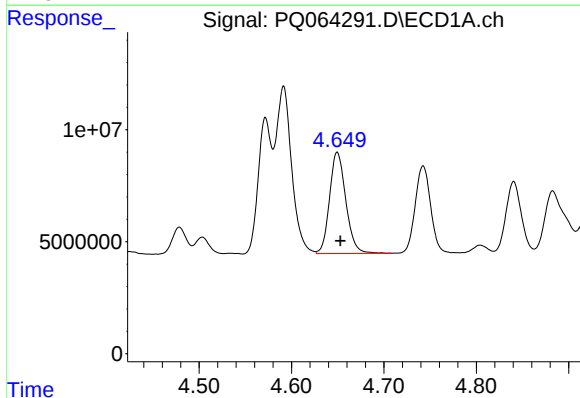
R.T.: 4.591 min
Delta R.T.: -0.004 min
Response: 89269570
Conc: 527.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



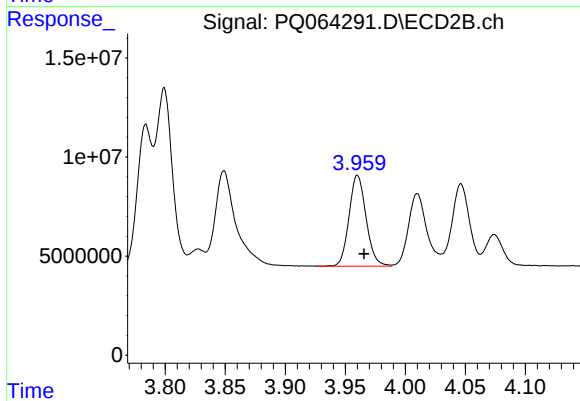
#17 AR-1242-2

R.T.: 3.799 min
Delta R.T.: -0.005 min
Response: 84760318
Conc: 574.37 ng/ml



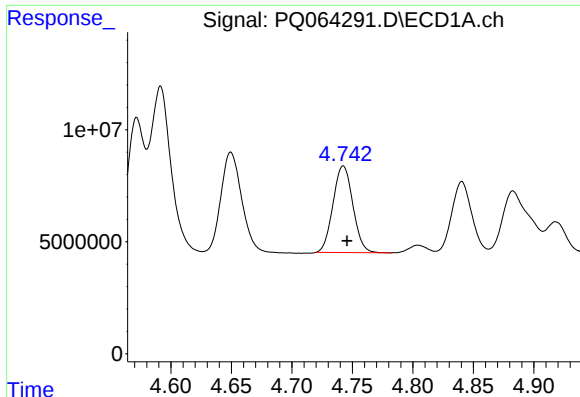
#18 AR-1242-3

R.T.: 4.650 min
Delta R.T.: -0.003 min
Response: 55362623
Conc: 524.54 ng/ml



#18 AR-1242-3

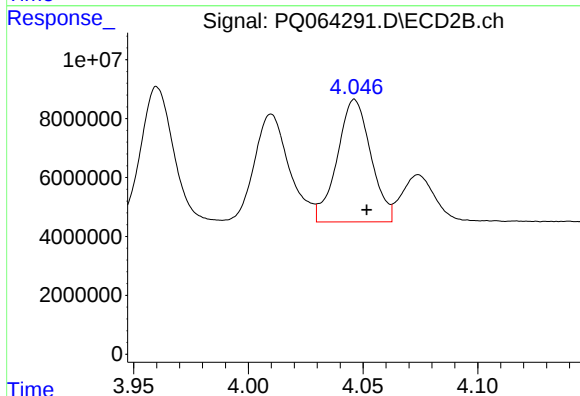
R.T.: 3.960 min
Delta R.T.: -0.006 min
Response: 45470890
Conc: 571.56 ng/ml



#19 AR-1242-4

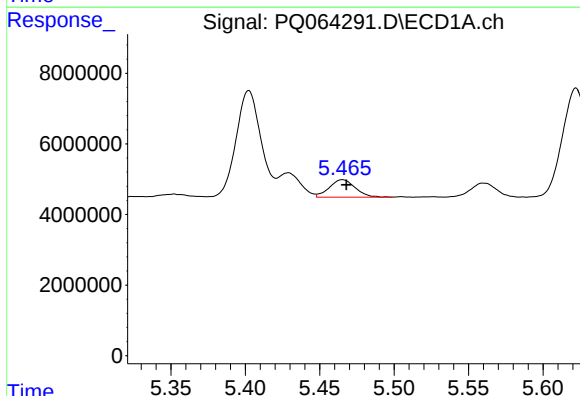
R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 44165780
Conc: 520.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



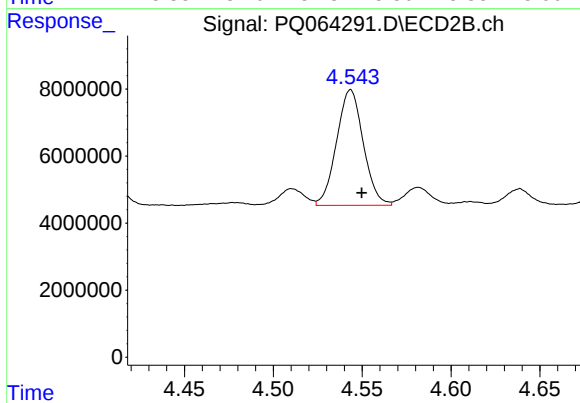
#19 AR-1242-4

R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 42442941
Conc: 559.30 ng/ml



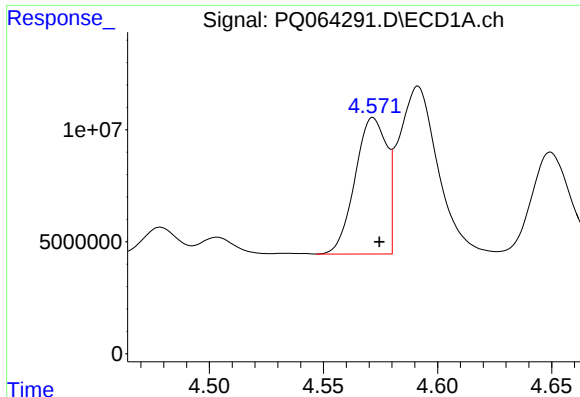
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: -0.003 min
Response: 6067830
Conc: 68.62 ng/ml



#20 AR-1242-5

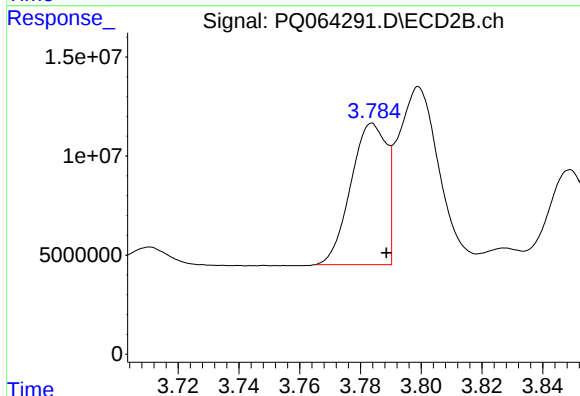
R.T.: 4.544 min
Delta R.T.: -0.006 min
Response: 36105297
Conc: 358.92 ng/ml



#21 AR-1248-1

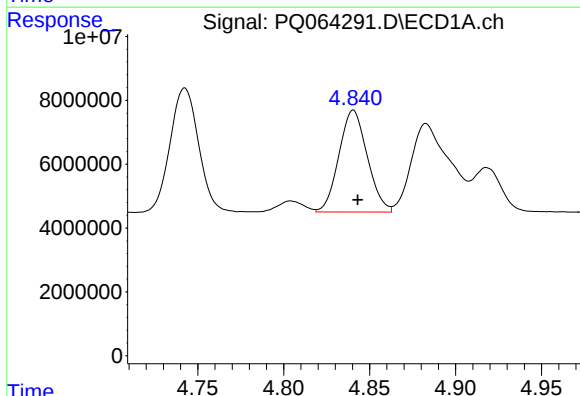
R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 58800891
Conc: 706.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



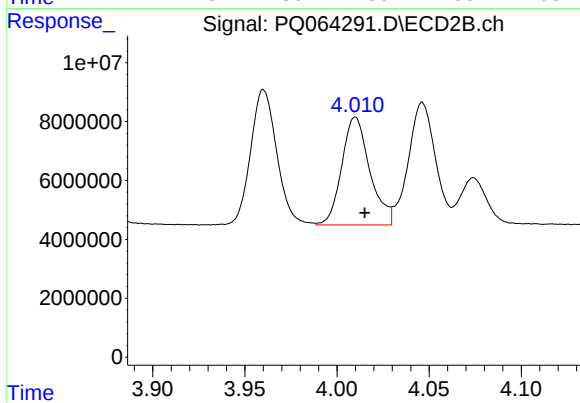
#21 AR-1248-1

R.T.: 3.784 min
Delta R.T.: -0.005 min
Response: 57965315
Conc: 743.39 ng/ml



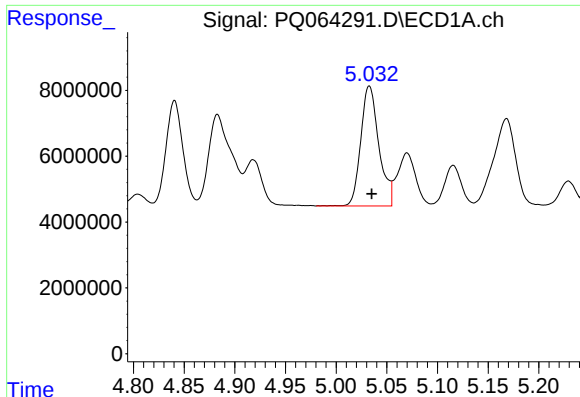
#22 AR-1248-2

R.T.: 4.841 min
Delta R.T.: -0.003 min
Response: 36603729
Conc: 301.58 ng/ml



#22 AR-1248-2

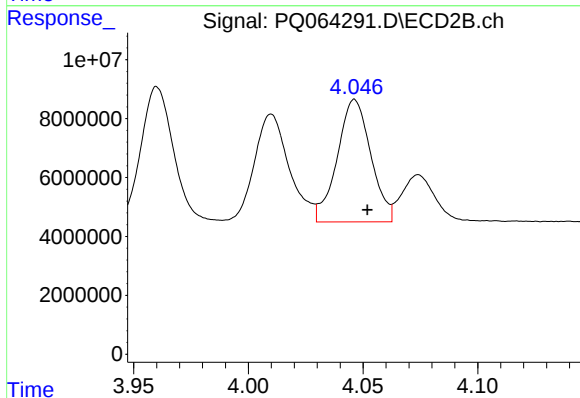
R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 38835624
Conc: 327.61 ng/ml



#23 AR-1248-3

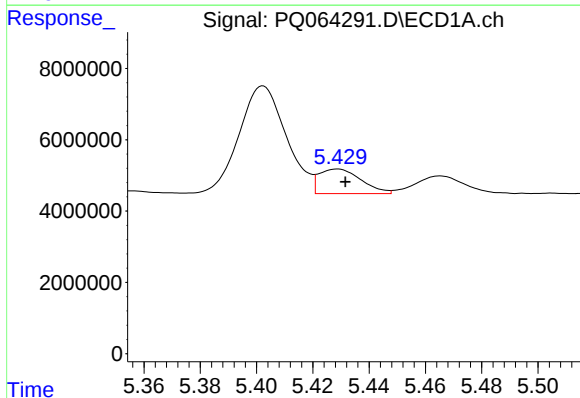
R.T.: 5.033 min
Delta R.T.: -0.002 min
Response: 45236208
Conc: 312.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



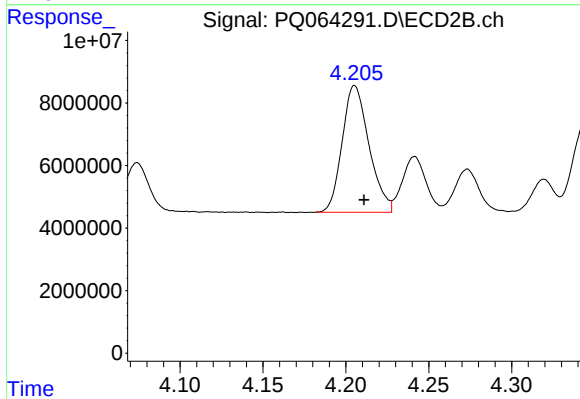
#23 AR-1248-3

R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 42442941
Conc: 376.72 ng/ml



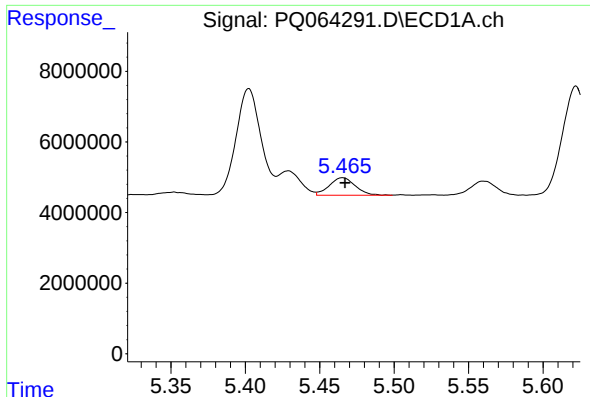
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: -0.003 min
Response: 7176261
Conc: 46.31 ng/ml



#24 AR-1248-4

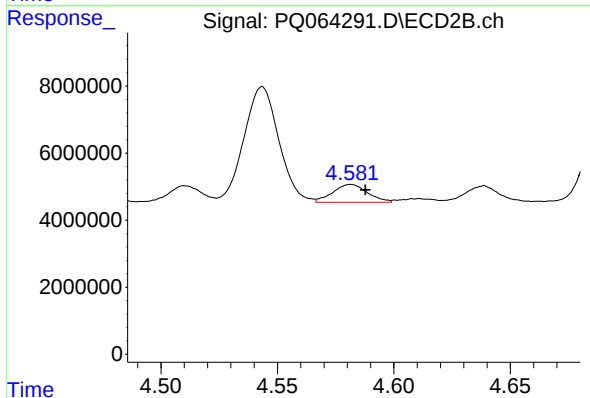
R.T.: 4.205 min
Delta R.T.: -0.006 min
Response: 45703957
Conc: 332.01 ng/ml



#25 AR-1248-5

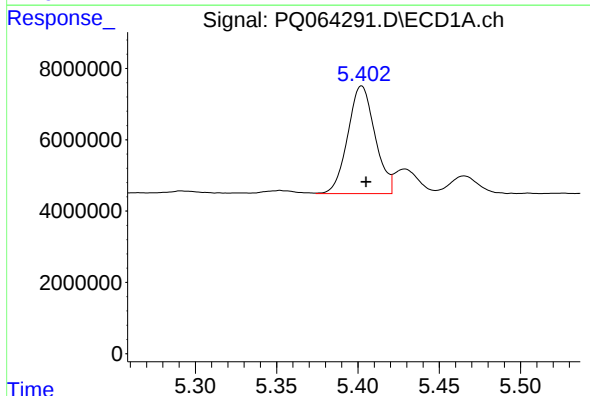
R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 6067830
Conc: 39.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



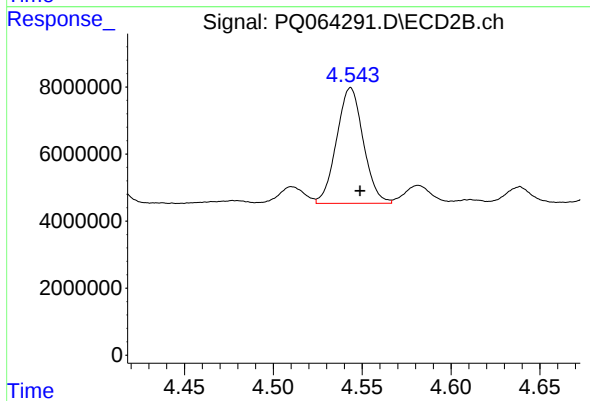
#25 AR-1248-5

R.T.: 4.582 min
Delta R.T.: -0.006 min
Response: 5562613
Conc: 41.43 ng/ml



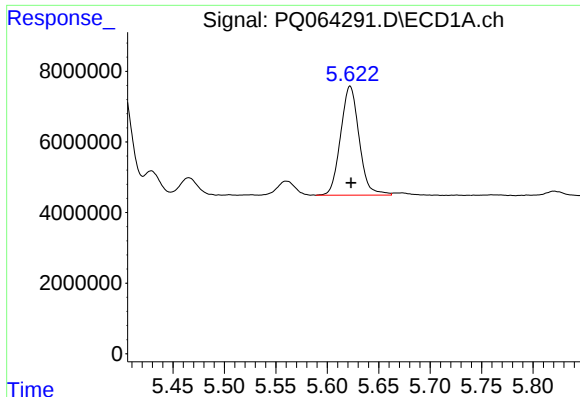
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 35209246
Conc: 224.33 ng/ml



#26 AR-1254-1

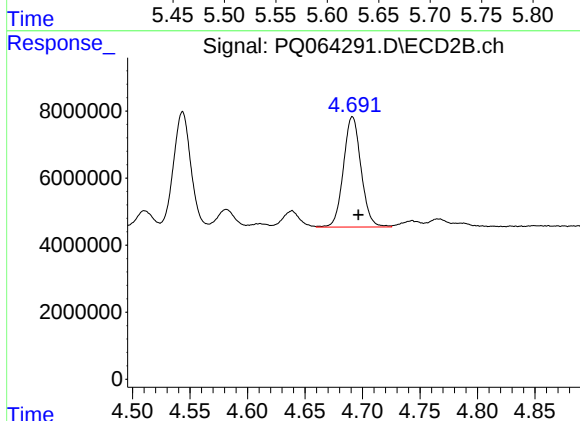
R.T.: 4.544 min
Delta R.T.: -0.005 min
Response: 36105297
Conc: 185.76 ng/ml



#27 AR-1254-2

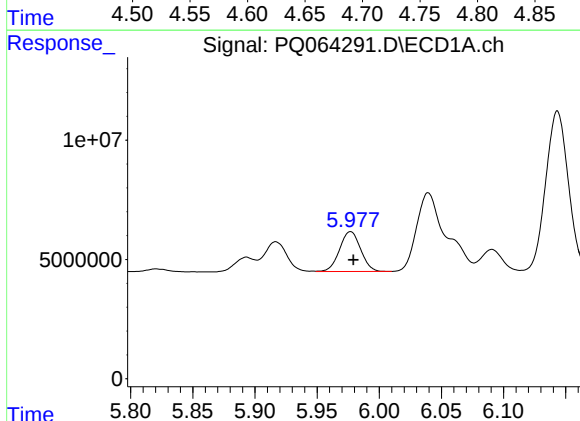
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 38715241
Conc: 163.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



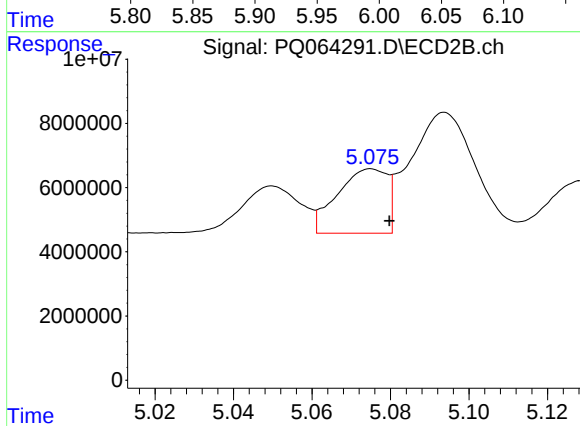
#27 AR-1254-2

R.T.: 4.691 min
Delta R.T.: -0.005 min
Response: 35183825
Conc: 201.97 ng/ml



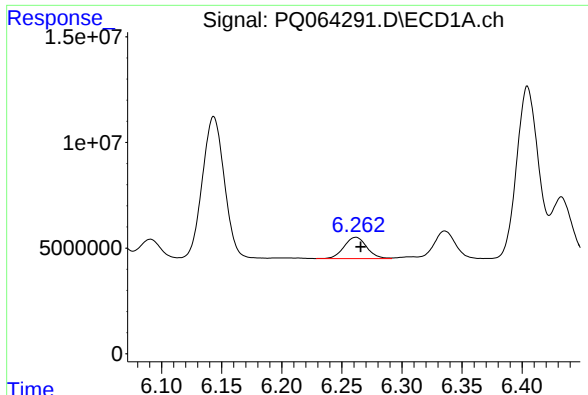
#28 AR-1254-3

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 19796650
Conc: 79.84 ng/ml



#28 AR-1254-3

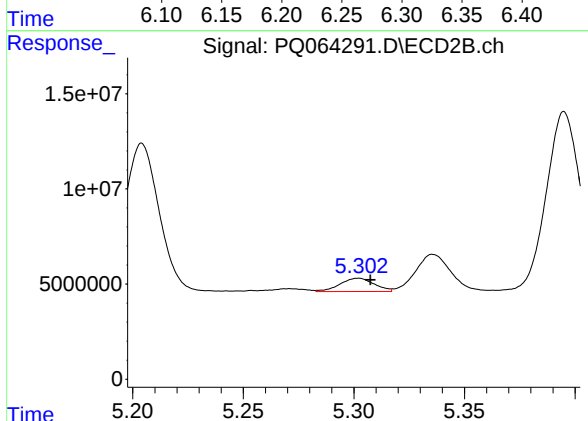
R.T.: 5.075 min
Delta R.T.: -0.005 min
Response: 17659190
Conc: 65.97 ng/ml



#29 AR-1254-4

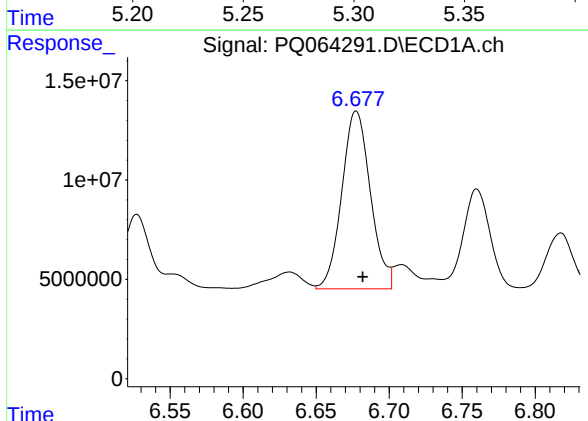
R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 13236596
Conc: 73.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



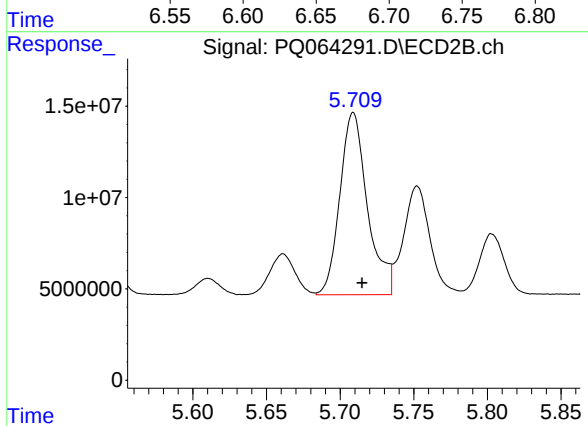
#29 AR-1254-4

R.T.: 5.302 min
Delta R.T.: -0.006 min
Response: 7484429
Conc: 42.66 ng/ml



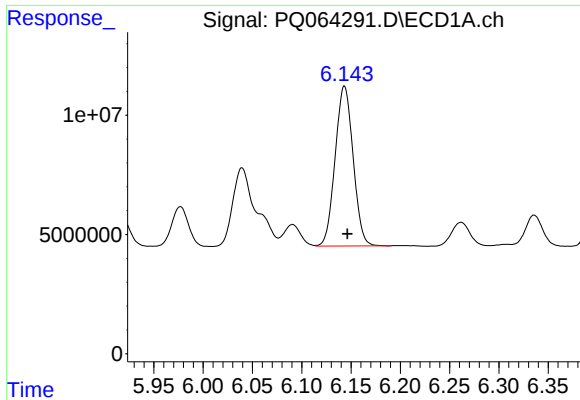
#30 AR-1254-5

R.T.: 6.677 min
Delta R.T.: -0.005 min
Response: 122287861
Conc: 613.09 ng/ml



#30 AR-1254-5

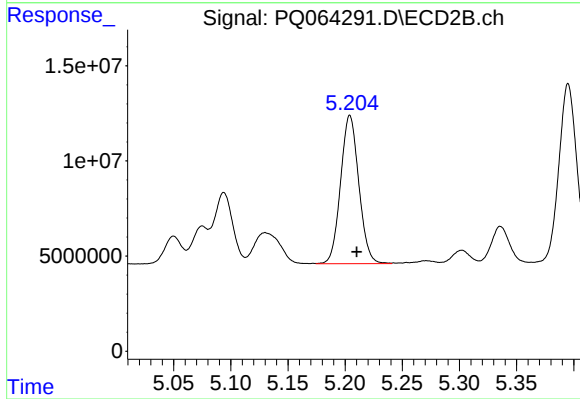
R.T.: 5.709 min
Delta R.T.: -0.006 min
Response: 130112649
Conc: 510.36 ng/ml



#31 AR-1260-1

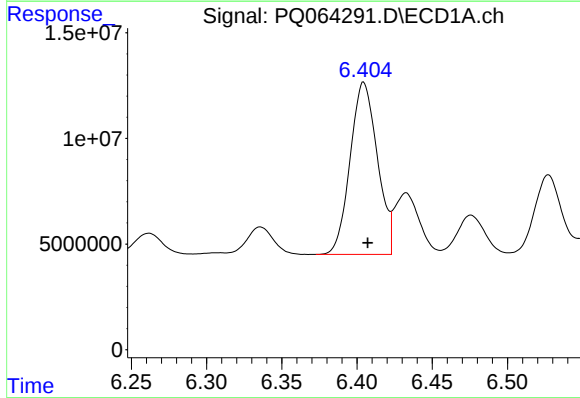
R.T.: 6.143 min
Delta R.T.: -0.003 min
Response: 84972984
Conc: 415.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



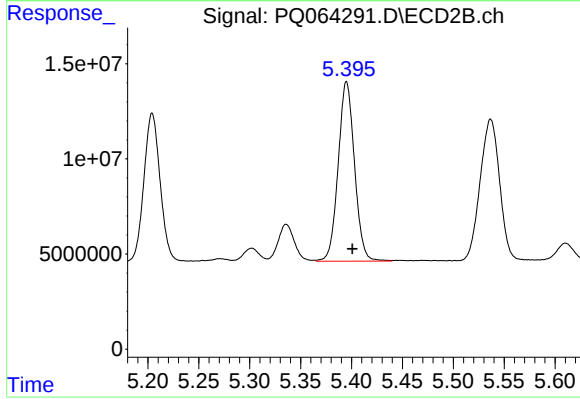
#31 AR-1260-1

R.T.: 5.204 min
Delta R.T.: -0.006 min
Response: 86646060
Conc: 438.06 ng/ml



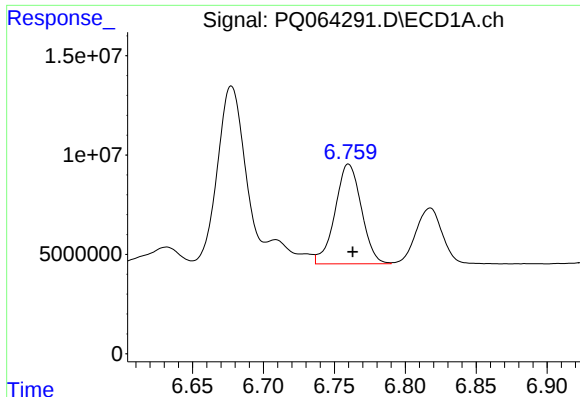
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 102573767
Conc: 424.63 ng/ml



#32 AR-1260-2

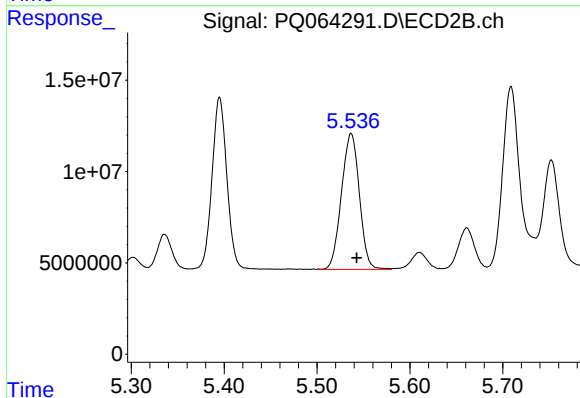
R.T.: 5.395 min
Delta R.T.: -0.006 min
Response: 105476333
Conc: 441.82 ng/ml



#33 AR-1260-3

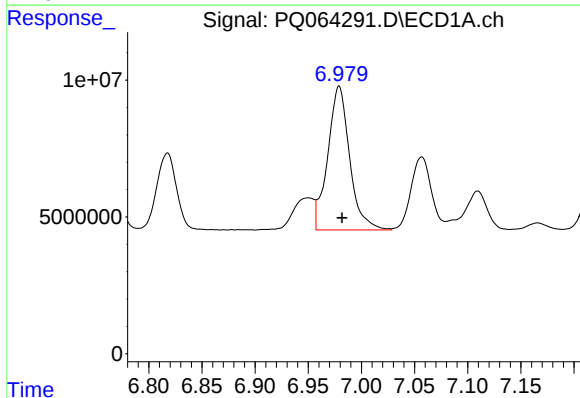
R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 64870989
Conc: 403.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



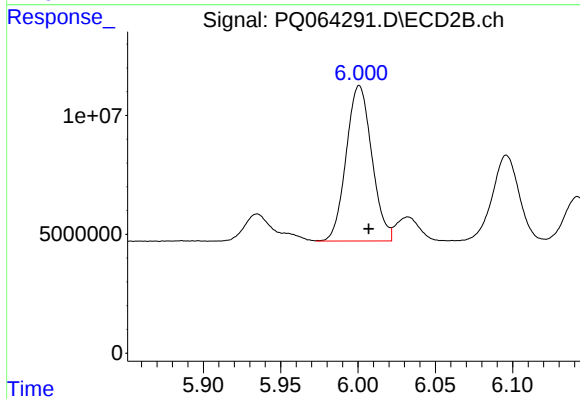
#33 AR-1260-3

R.T.: 5.537 min
Delta R.T.: -0.006 min
Response: 99750115
Conc: 441.61 ng/ml



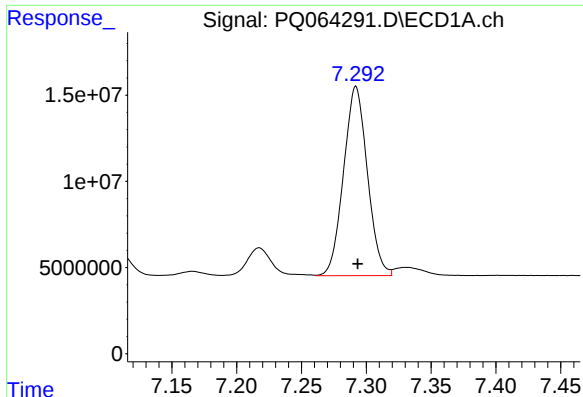
#34 AR-1260-4

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 75406507
Conc: 408.73 ng/ml



#34 AR-1260-4

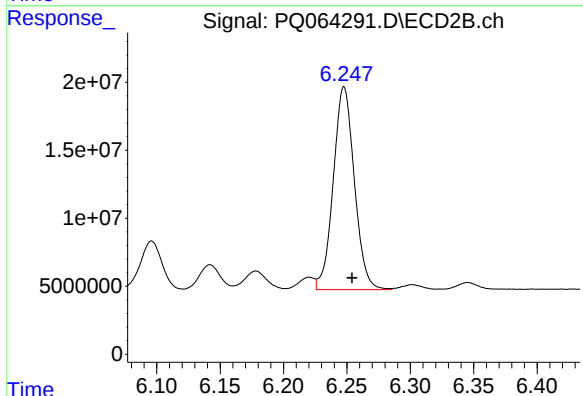
R.T.: 6.001 min
Delta R.T.: -0.006 min
Response: 75309945
Conc: 437.69 ng/ml



#35 AR-1260-5

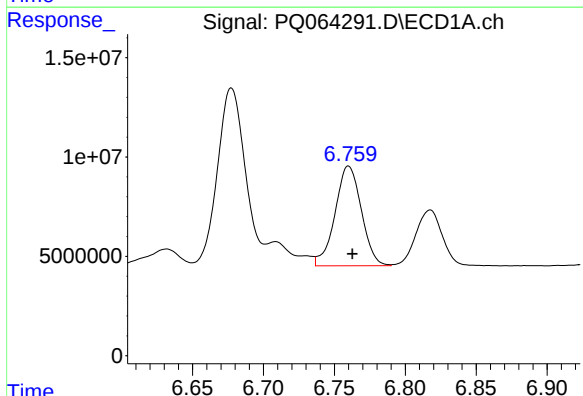
R.T.: 7.292 min
Delta R.T.: -0.001 min
Response: 140322158
Conc: 394.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



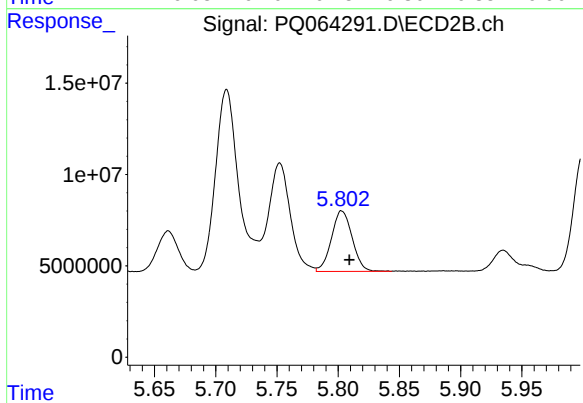
#35 AR-1260-5

R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 172782111
Conc: 432.96 ng/ml



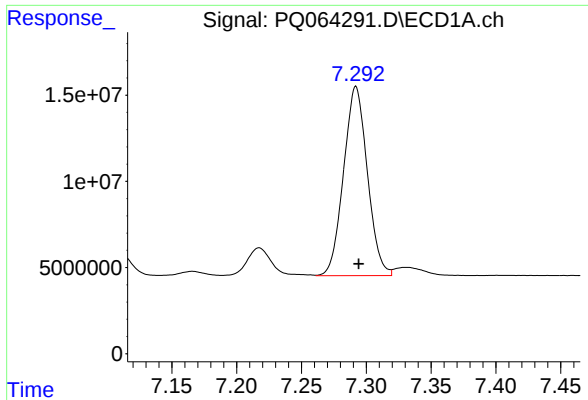
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 64870989
Conc: 248.23 ng/ml



#36 AR-1262-1

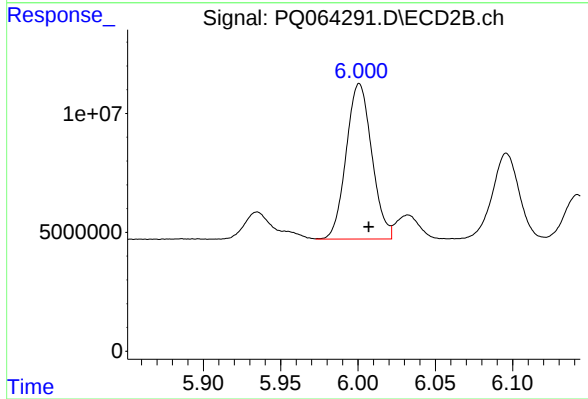
R.T.: 5.803 min
Delta R.T.: -0.006 min
Response: 39243670
Conc: 358.46 ng/ml



#37 AR-1262-2

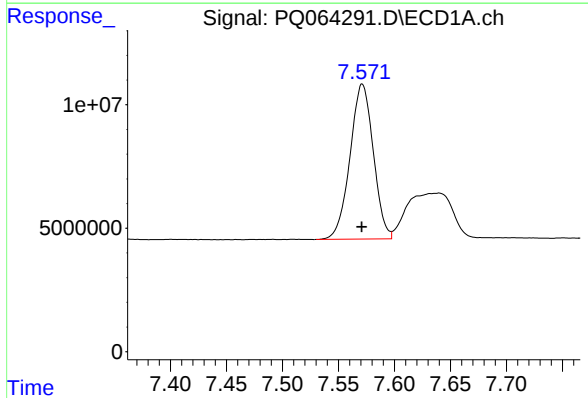
R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 140322158
Conc: 329.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



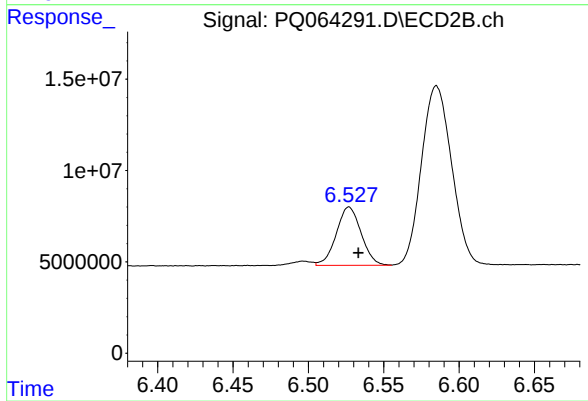
#37 AR-1262-2

R.T.: 6.001 min
Delta R.T.: -0.006 min
Response: 75309945
Conc: 304.88 ng/ml



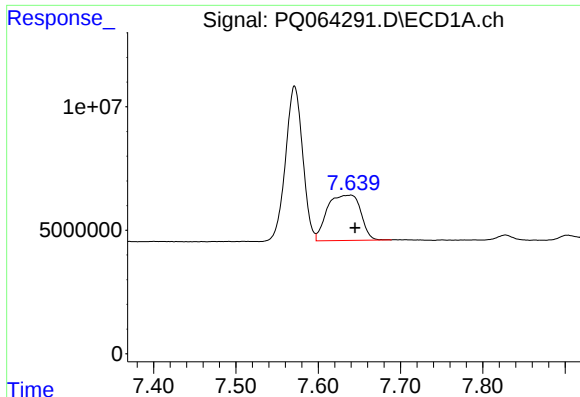
#38 AR-1262-3

R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 90837700
Conc: 317.03 ng/ml



#38 AR-1262-3

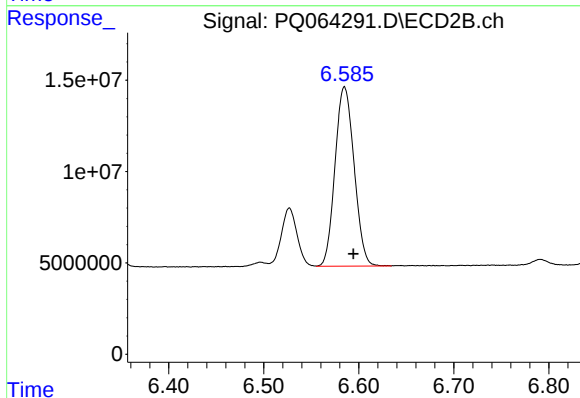
R.T.: 6.527 min
Delta R.T.: -0.006 min
Response: 36685382
Conc: 181.08 ng/ml



#39 AR-1262-4

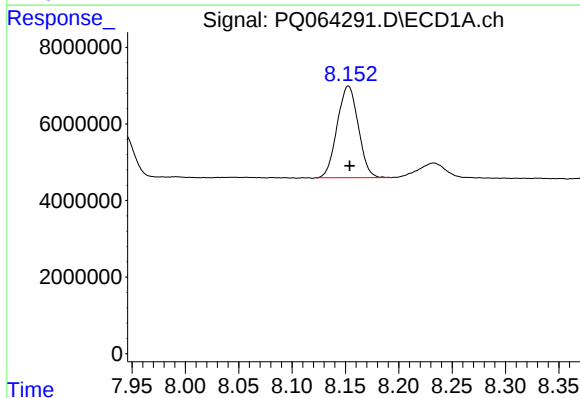
R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 51723920
Conc: 225.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



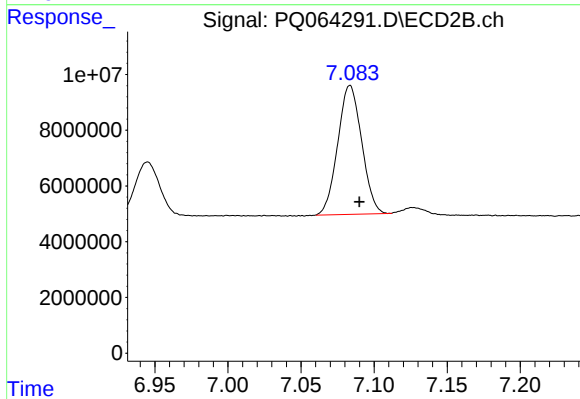
#39 AR-1262-4

R.T.: 6.585 min
Delta R.T.: -0.009 min
Response: 136786727
Conc: 367.08 ng/ml



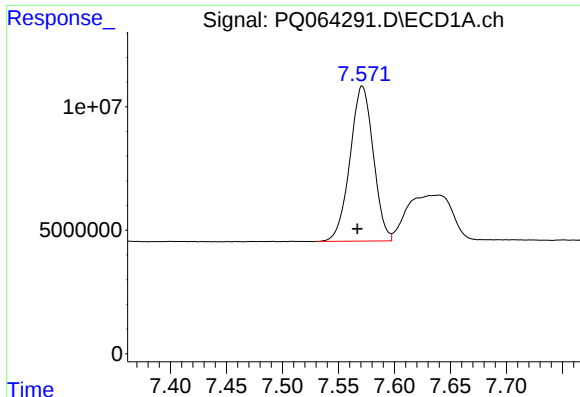
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 32983131
Conc: 231.55 ng/ml



#40 AR-1262-5

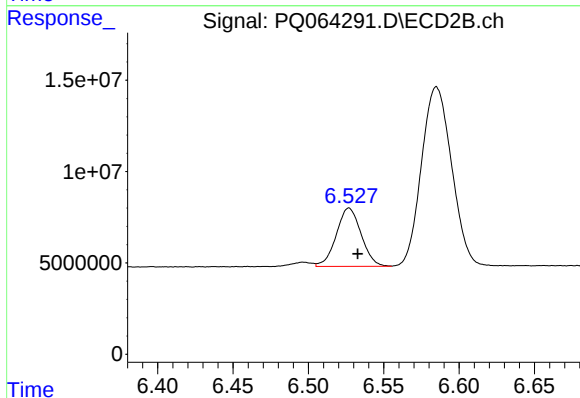
R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 52711863
Conc: 291.53 ng/ml



#41 AR-1268-1

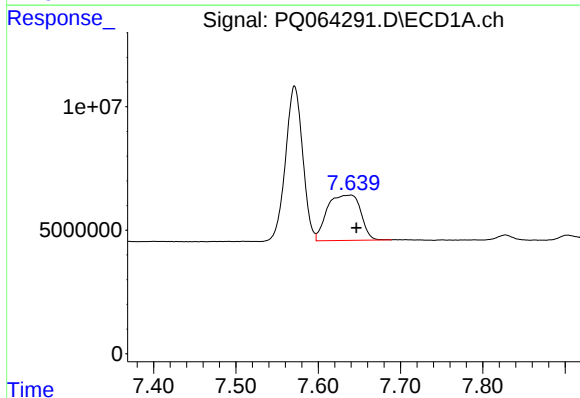
R.T.: 7.571 min
Delta R.T.: 0.005 min
Response: 90837700
Conc: 183.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



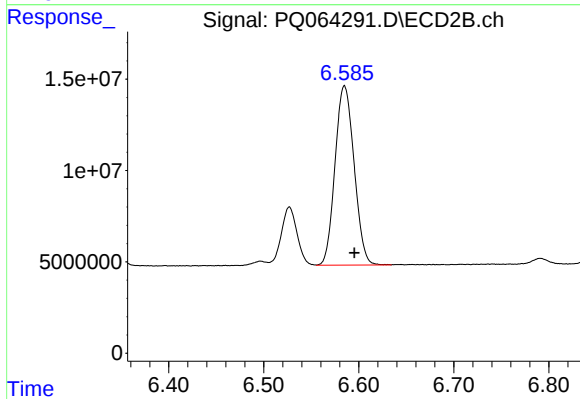
#41 AR-1268-1

R.T.: 6.527 min
Delta R.T.: -0.006 min
Response: 36685382
Conc: 63.94 ng/ml



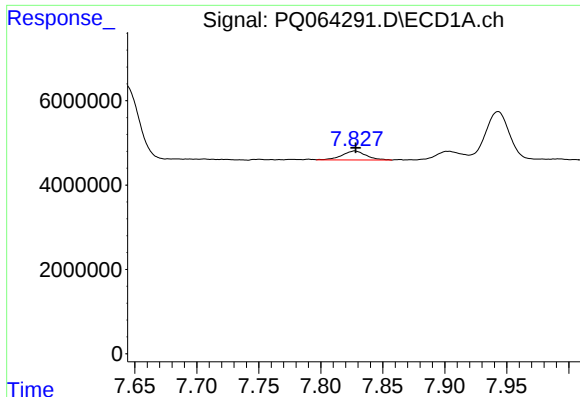
#42 AR-1268-2

R.T.: 7.639 min
Delta R.T.: -0.007 min
Response: 51723920
Conc: 115.50 ng/ml



#42 AR-1268-2

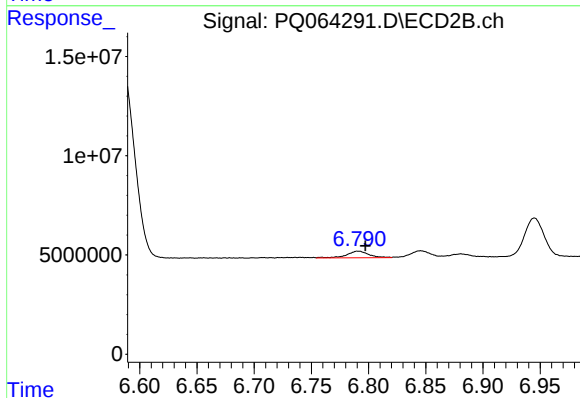
R.T.: 6.585 min
Delta R.T.: -0.010 min
Response: 136786727
Conc: 263.50 ng/ml



#43 AR-1268-3

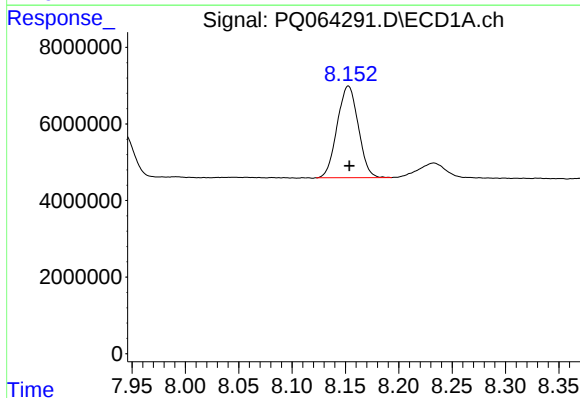
R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 2848921
Conc: 7.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



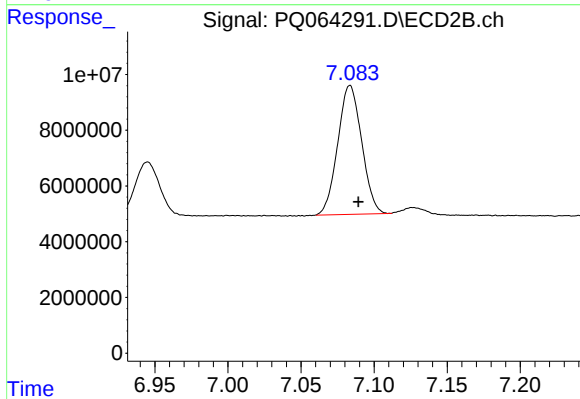
#43 AR-1268-3

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 4367644
Conc: 9.42 ng/ml



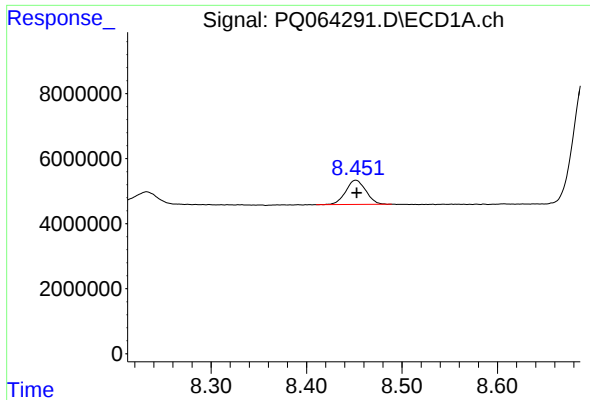
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 32983131
Conc: 210.98 ng/ml



#44 AR-1268-4

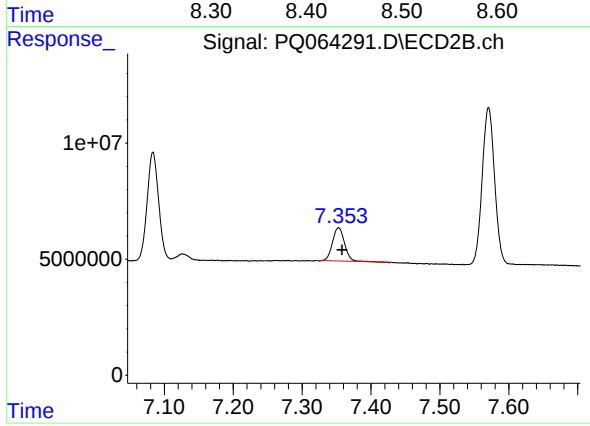
R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 52711863
Conc: 269.87 ng/ml



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 10875412
Conc: 9.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.353 min
Delta R.T.: -0.005 min
Response: 17293605
Conc: 11.30 ng/ml