

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092823\
 Data File : PQ063444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2023 11:13
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 15:34:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.462	2.780	239.8E6	171.6E6	51.194	49.663
2)	SA Decachlor...	8.695	7.580	174.5E6	173.0E6	49.936	48.129
Target Compounds							
3)	L1 AR-1016-1	4.577	3.791	73383545	60556282	504.716	486.152
4)	L1 AR-1016-2	4.596	3.807	117.7E6	87638172	503.813	493.017
5)	L1 AR-1016-3	4.654	3.969	73412363	48076214	510.885	498.241
6)	L1 AR-1016-4	4.747	4.018	57696365	40601596	505.809	500.868
7)	L1 AR-1016-5	5.037	4.214	63350857	52428298	539.118	520.822
8)	L2 AR-1221-1	3.661	2.984	9838412	7754779	171.963	166.736
9)	L2 AR-1221-2	3.745	3.062	11592552	8436639	306.641	272.810
10)	L2 AR-1221-3	3.816	3.131	44082154	34748945	349.263	326.146
11)	L3 AR-1232-1	3.816	3.131	44082154	34748945	423.315	399.650
12)	L3 AR-1232-2	4.315	3.807	68025751	87638172	1069.461	1083.711
13)	L3 AR-1232-3	4.596	3.969	117.7E6	48076214	1123.256	1133.350
14)	L3 AR-1232-4	4.747	4.055	57696365	44900557	1161.025	1224.527
15)	L3 AR-1232-5	4.846	4.214	47820004	52428298	1259.026	1215.364
16)	L4 AR-1242-1	4.577	3.791	73383545	60556282	556.468	554.967
17)	L4 AR-1242-2	4.596	3.807	117.7E6	87638172	568.841	563.879
18)	L4 AR-1242-3	4.654	3.969	73412363	48076214	579.075	573.174
19)	L4 AR-1242-4	4.747	4.055	57696365	44900557	559.396	560.309
20)	L4 AR-1242-5	5.473	4.552	13073681	52495017	119.548	501.610 #
21)	L5 AR-1248-1	4.577	3.791	73383545	60556282	746.749	754.634
22)	L5 AR-1248-2	4.846	4.018	47820004	40601596	334.357	339.110
23)	L5 AR-1248-3	5.037	4.055	63350857	44900557	368.258	391.634
24)	L5 AR-1248-4	5.434	4.214	20207595	52428298	105.694	371.824 #
25)	L5 AR-1248-5	5.473	4.590	13073681	15963214	70.274	115.524 #
26)	L6 AR-1254-1	5.406	4.552	56718846	52495017	282.031	248.967
27)	L6 AR-1254-2	5.626	4.699	49157370	40818844	161.224	220.544 #
28)	L6 AR-1254-3	5.980	5.084	31262184	15285750	95.299	53.423 #
29)	L6 AR-1254-4	6.265	5.311	26451174	6964039	109.209	37.616 #
30)	L6 AR-1254-5	6.681	5.718	157.4E6	131.3E6	613.089	508.259
31)	L7 AR-1260-1	6.147	5.213	134.9E6	102.0E6	560.759	505.147
32)	L7 AR-1260-2	6.408	5.404	149.1E6	119.3E6	526.311	487.725
33)	L7 AR-1260-3	6.765	5.546	103.5E6	112.1E6	509.290	474.094
34)	L7 AR-1260-4	6.983	6.010	112.7E6	92501502	472.905	484.496
35)	L7 AR-1260-5	7.296	6.257	217.1E6	204.1E6	484.830	466.071
36)	L8 AR-1262-1	6.765	5.812	103.5E6	47326600	332.518	449.849 #
37)	L8 AR-1262-2	7.296	6.010	217.1E6	92501502	418.068	398.407
38)	L8 AR-1262-3	7.575	6.536	135.4E6	51556661	391.000	268.417 #
39)	L8 AR-1262-4	7.645	6.596	86772889	153.9E6	318.737	440.077 #
40)	L8 AR-1262-5	8.154	7.093	54711900	56384342	318.986	340.399
41)	L9 AR-1268-1	7.575	6.536	135.4E6	51556661	219.136	91.951 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092823\
Data File : PQ063444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Sep 2023 11:13
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

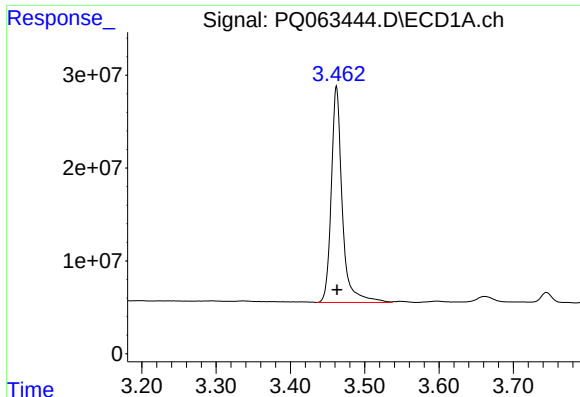
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 28 15:34:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 20 05:26:41 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
42) L9	AR-1268-2	7.645	6.596	86772889	153.9E6	151.556	309.396 #
43) L9	AR-1268-3	7.829	6.801	2777412	5105766	5.695	11.977 #
44) L9	AR-1268-4	8.154	7.093	54711900	56384342	284.395	304.499
45) L9	AR-1268-5	8.453	7.361	15442911	18638664	10.813	14.175 #

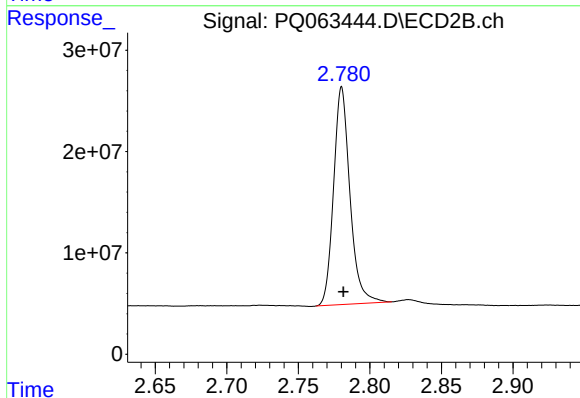
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

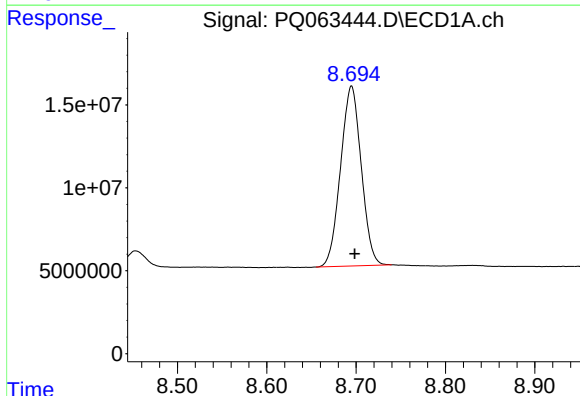
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 239768945
Conc: 51.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



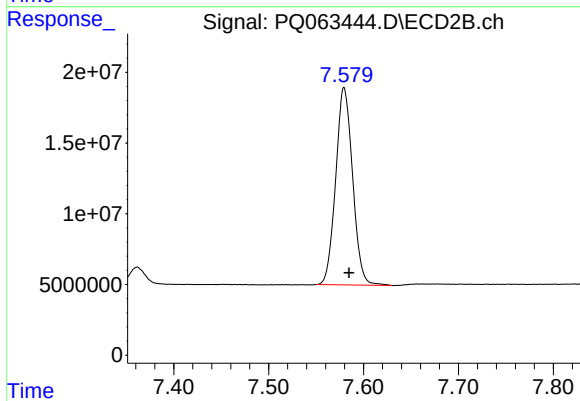
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.001 min
Response: 171634476
Conc: 49.66 ng/ml



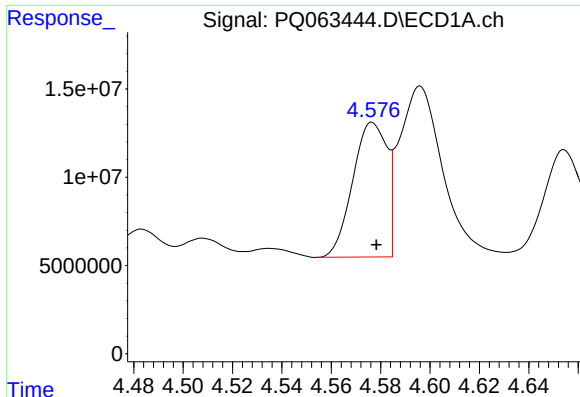
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.004 min
Response: 174501925
Conc: 49.94 ng/ml



#2 Decachlorobiphenyl

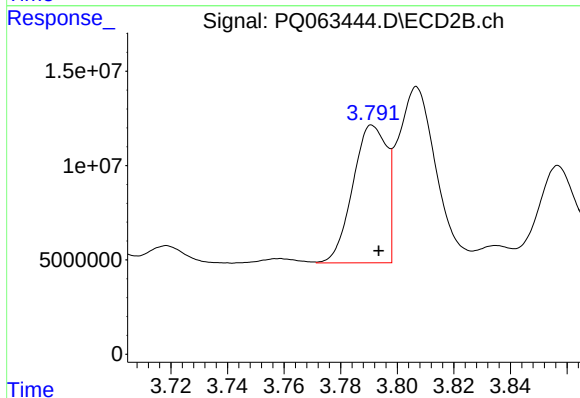
R.T.: 7.580 min
Delta R.T.: -0.005 min
Response: 173009920
Conc: 48.13 ng/ml



#3 AR-1016-1

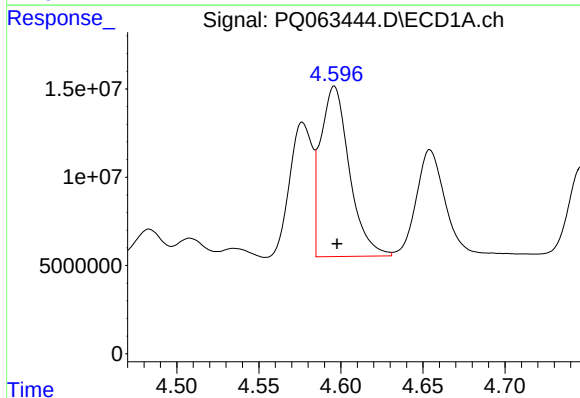
R.T.: 4.577 min
Delta R.T.: -0.002 min
Response: 73383545
Conc: 504.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



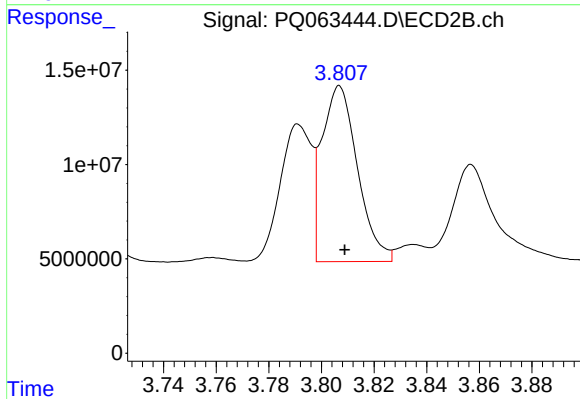
#3 AR-1016-1

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 60556282
Conc: 486.15 ng/ml



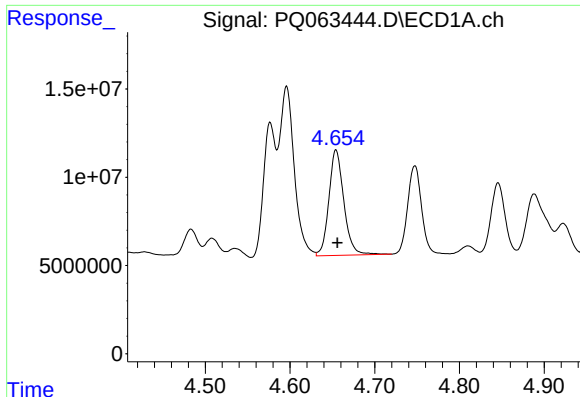
#4 AR-1016-2

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 117711133
Conc: 503.81 ng/ml



#4 AR-1016-2

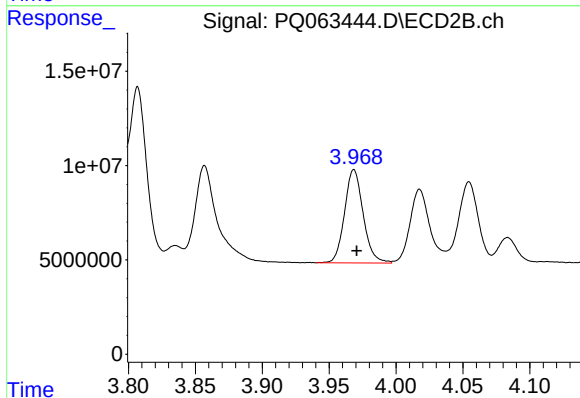
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 87638172
Conc: 493.02 ng/ml



#5 AR-1016-3

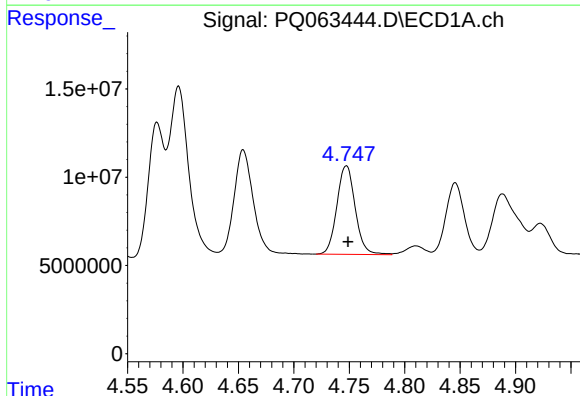
R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 73412363
Conc: 510.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



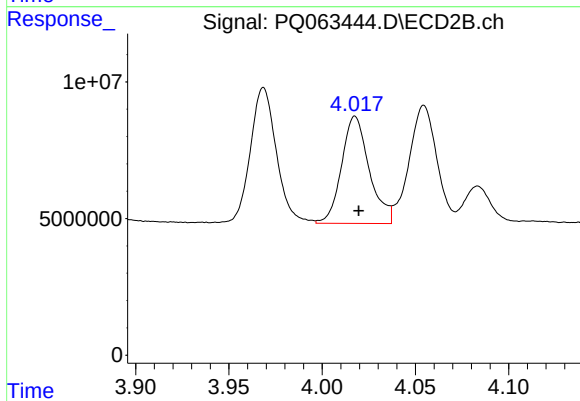
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 48076214
Conc: 498.24 ng/ml



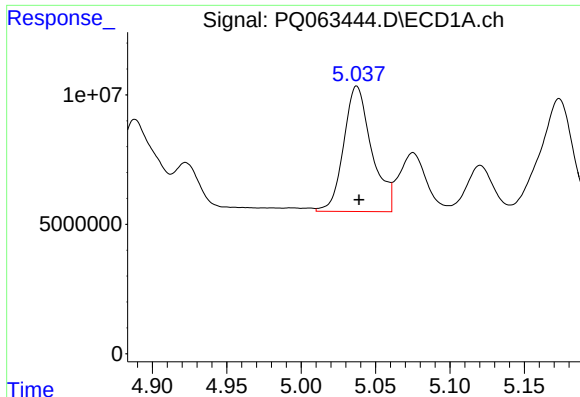
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 57696365
Conc: 505.81 ng/ml



#6 AR-1016-4

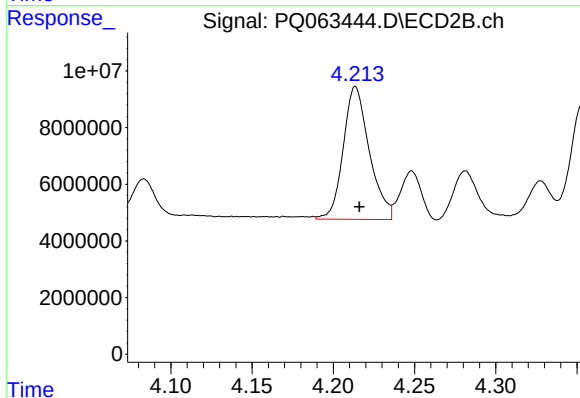
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 40601596
Conc: 500.87 ng/ml



#7 AR-1016-5

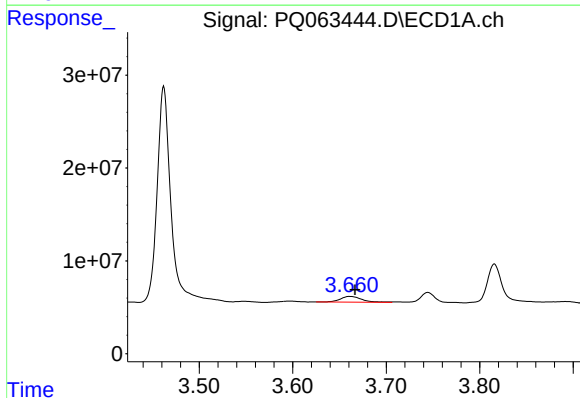
R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 63350857
Conc: 539.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



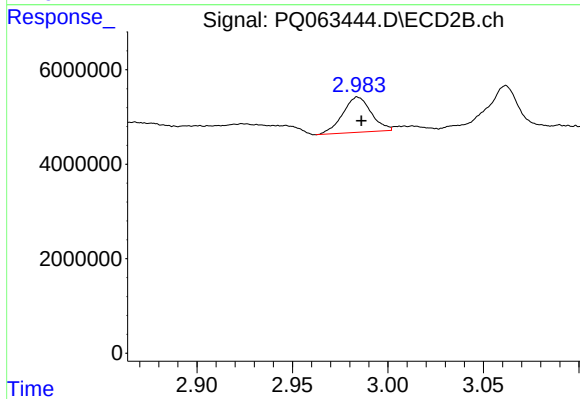
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 52428298
Conc: 520.82 ng/ml



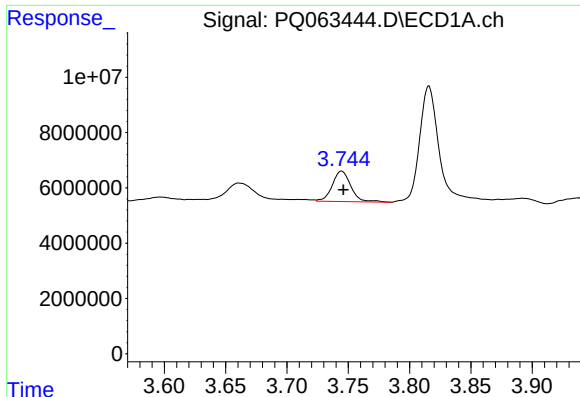
#8 AR-1221-1

R.T.: 3.661 min
Delta R.T.: -0.005 min
Response: 9838412
Conc: 171.96 ng/ml



#8 AR-1221-1

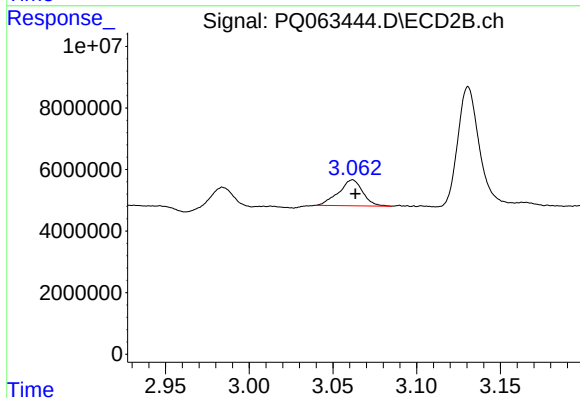
R.T.: 2.984 min
Delta R.T.: -0.002 min
Response: 7754779
Conc: 166.74 ng/ml



#9 AR-1221-2

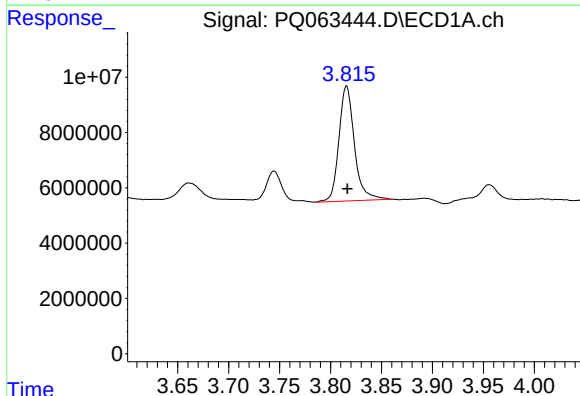
R.T.: 3.745 min
Delta R.T.: -0.001 min
Response: 11592552
Conc: 306.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



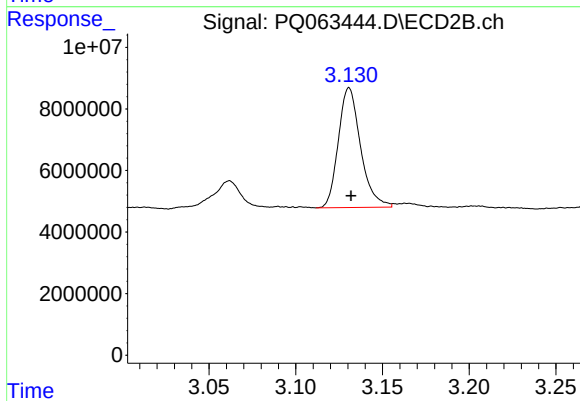
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: -0.001 min
Response: 8436639
Conc: 272.81 ng/ml



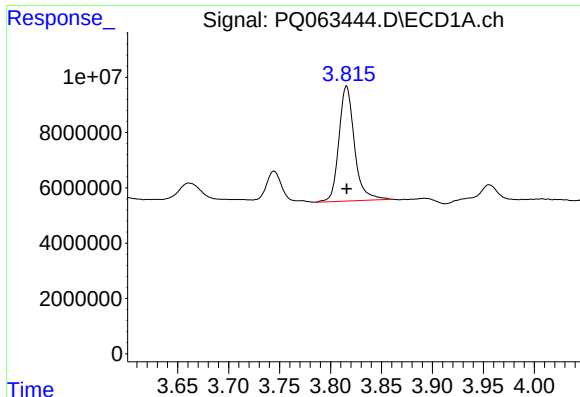
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 44082154
Conc: 349.26 ng/ml



#10 AR-1221-3

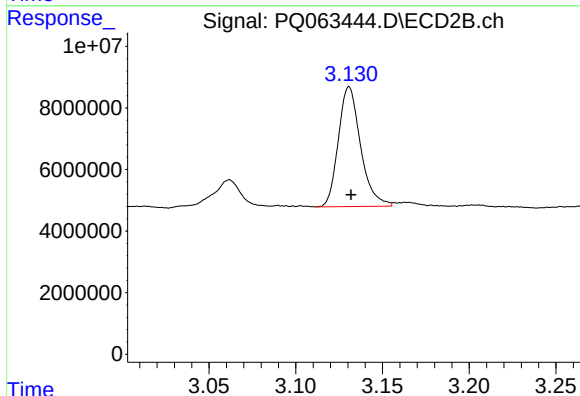
R.T.: 3.131 min
Delta R.T.: -0.001 min
Response: 34748945
Conc: 326.15 ng/ml



#11 AR-1232-1

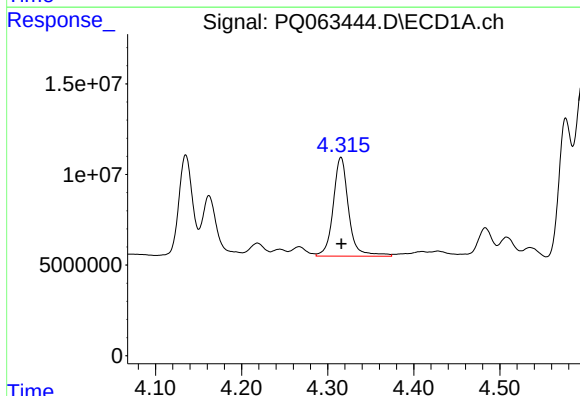
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 44082154
Conc: 423.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



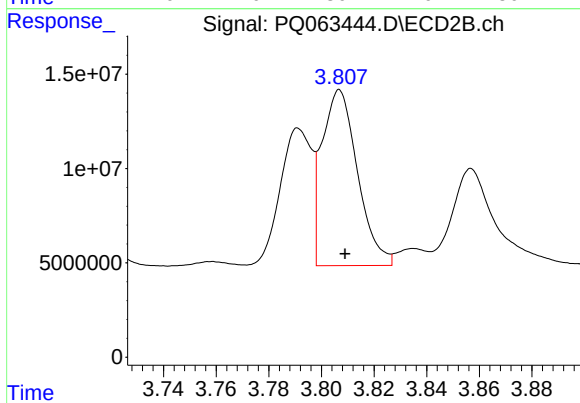
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: -0.001 min
Response: 34748945
Conc: 399.65 ng/ml



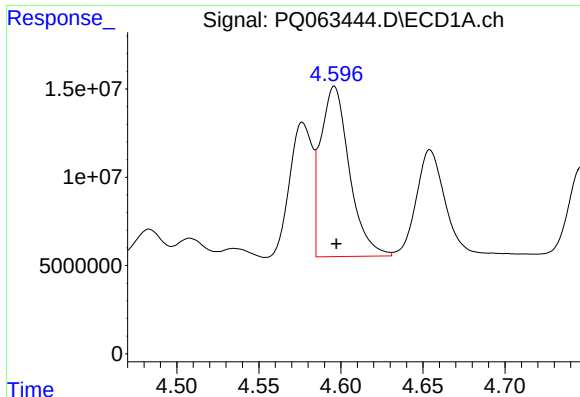
#12 AR-1232-2

R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 68025751
Conc: 1069.46 ng/ml



#12 AR-1232-2

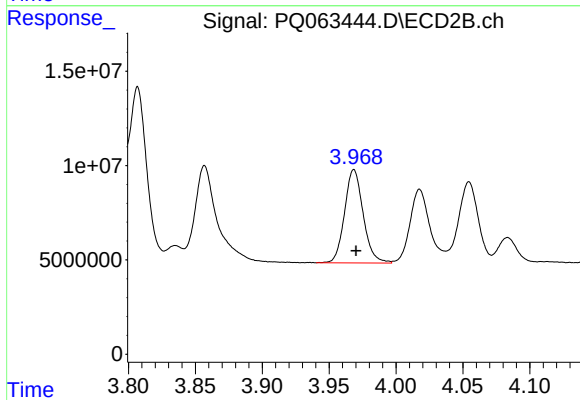
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 87638172
Conc: 1083.71 ng/ml



#13 AR-1232-3

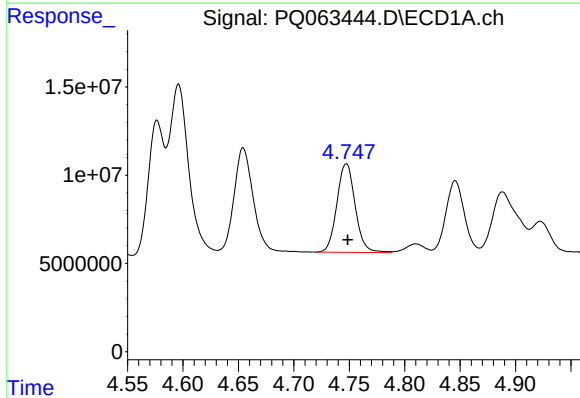
R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 117711133
Conc: 1123.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



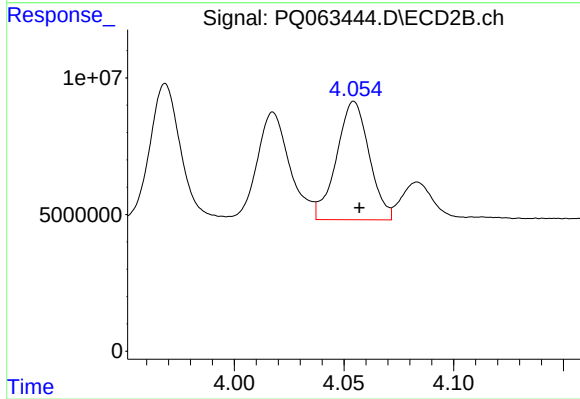
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 48076214
Conc: 1133.35 ng/ml



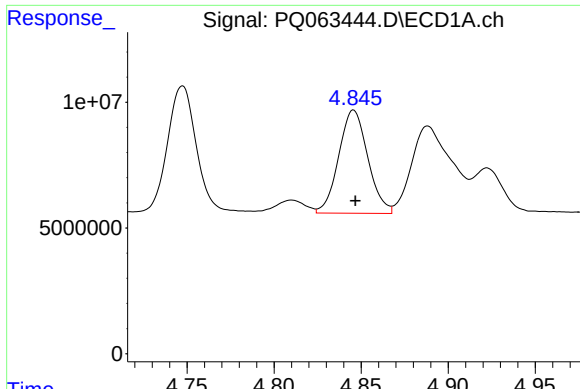
#14 AR-1232-4

R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 57696365
Conc: 1161.03 ng/ml



#14 AR-1232-4

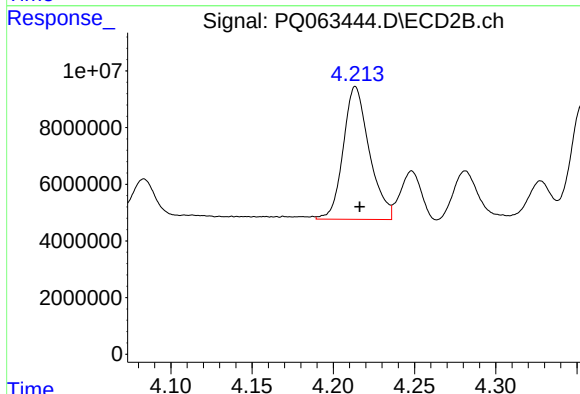
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 44900557
Conc: 1224.53 ng/ml



#15 AR-1232-5

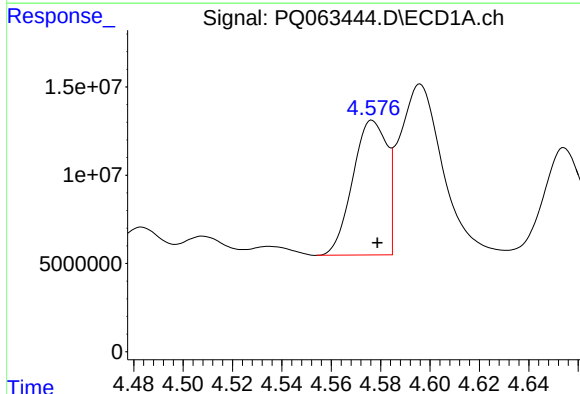
R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 47820004
Conc: 1259.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



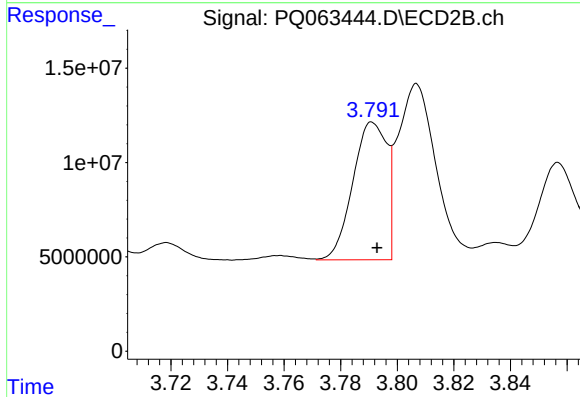
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.003 min
Response: 52428298
Conc: 1215.36 ng/ml



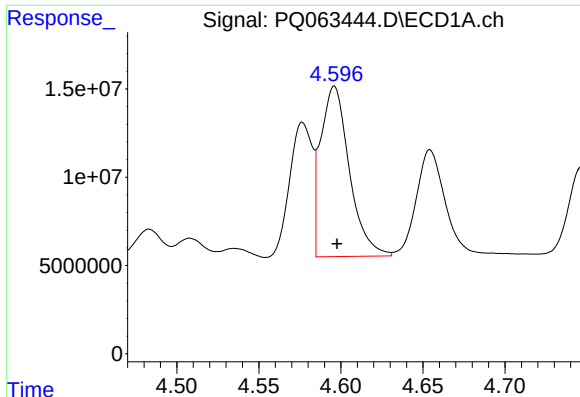
#16 AR-1242-1

R.T.: 4.577 min
Delta R.T.: -0.002 min
Response: 73383545
Conc: 556.47 ng/ml



#16 AR-1242-1

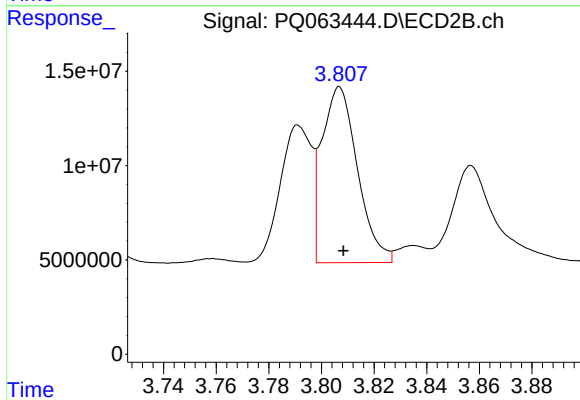
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 60556282
Conc: 554.97 ng/ml



#17 AR-1242-2

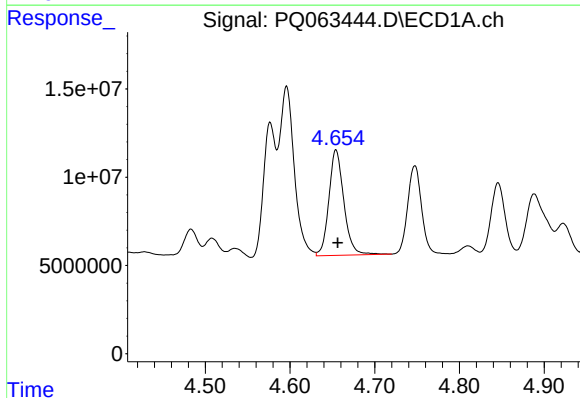
R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 117711133
Conc: 568.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



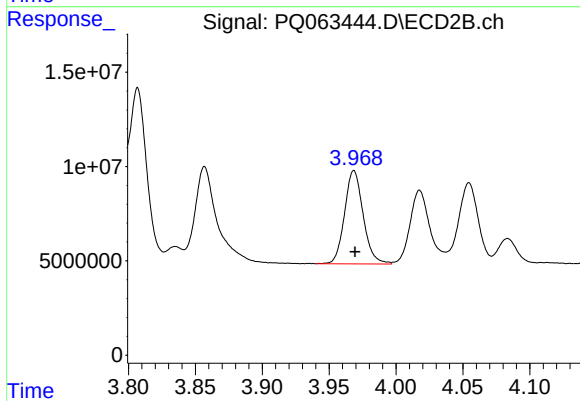
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 87638172
Conc: 563.88 ng/ml



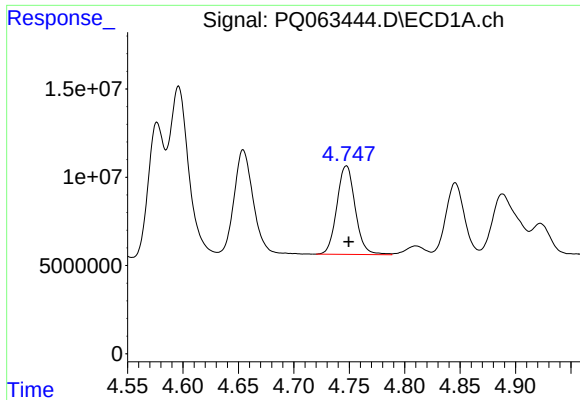
#18 AR-1242-3

R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 73412363
Conc: 579.08 ng/ml



#18 AR-1242-3

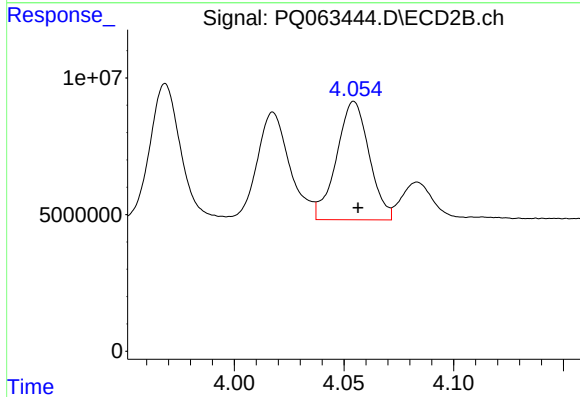
R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 48076214
Conc: 573.17 ng/ml



#19 AR-1242-4

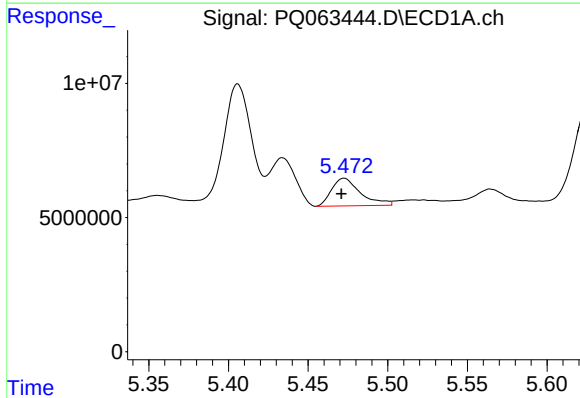
R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 57696365
Conc: 559.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



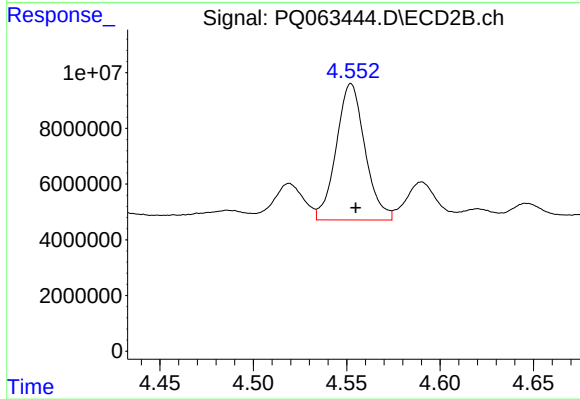
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 44900557
Conc: 560.31 ng/ml



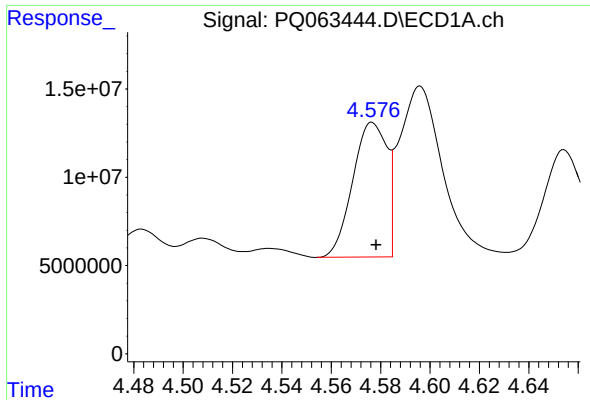
#20 AR-1242-5

R.T.: 5.473 min
Delta R.T.: 0.002 min
Response: 13073681
Conc: 119.55 ng/ml



#20 AR-1242-5

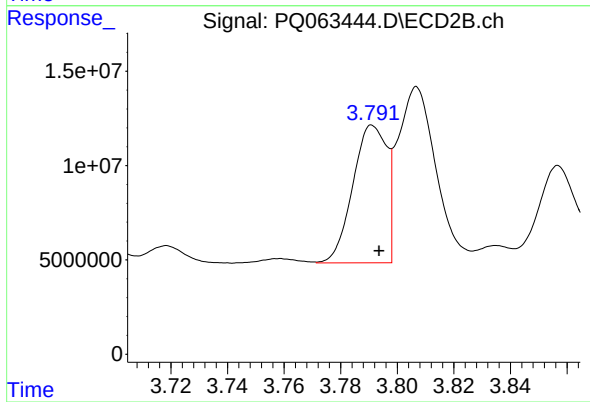
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 52495017
Conc: 501.61 ng/ml



#21 AR-1248-1

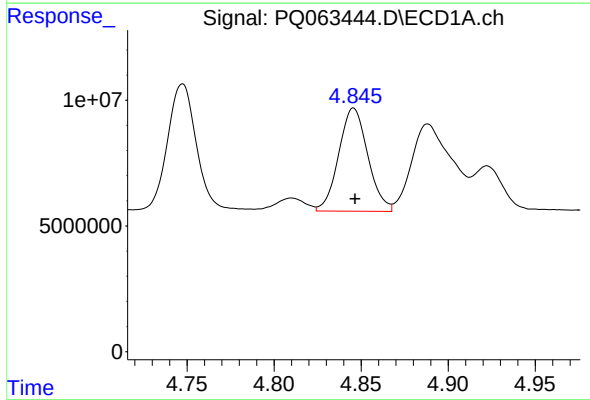
R.T.: 4.577 min
Delta R.T.: -0.002 min
Response: 73383545
Conc: 746.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



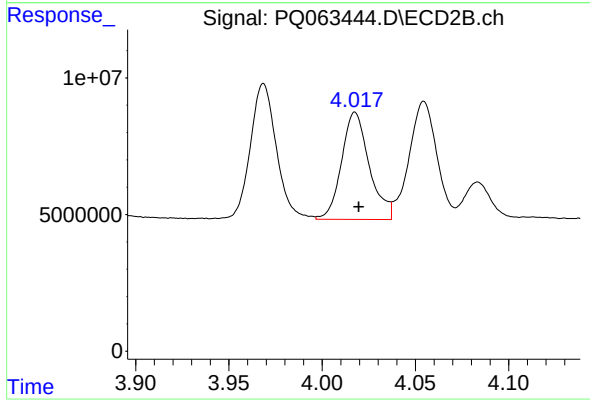
#21 AR-1248-1

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 60556282
Conc: 754.63 ng/ml



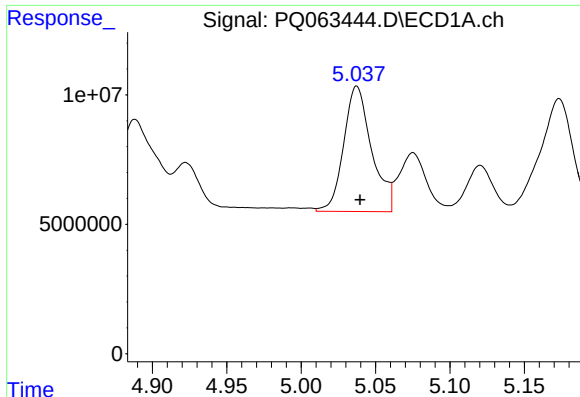
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 47820004
Conc: 334.36 ng/ml



#22 AR-1248-2

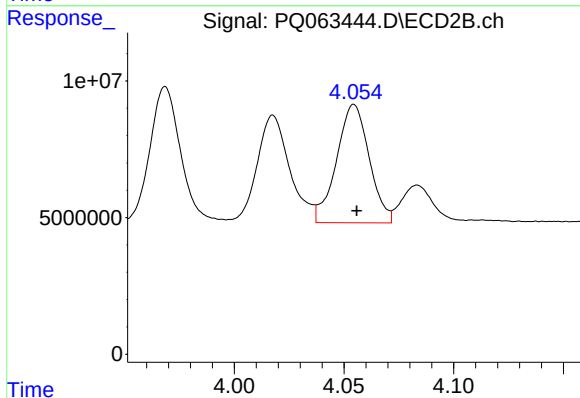
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 40601596
Conc: 339.11 ng/ml



#23 AR-1248-3

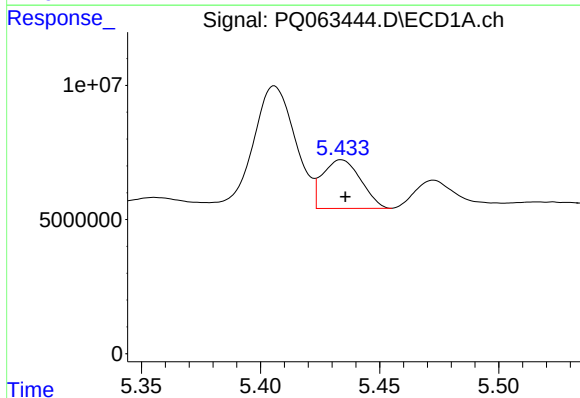
R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 63350857
Conc: 368.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



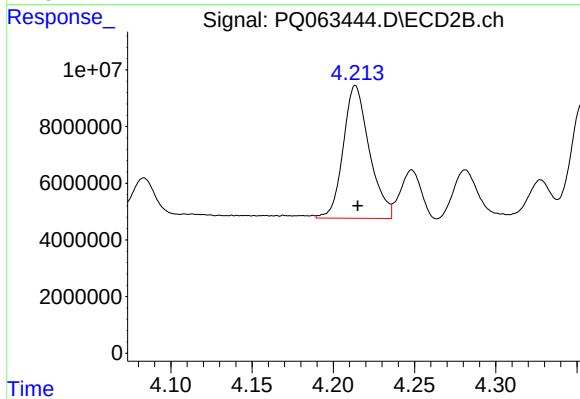
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 44900557
Conc: 391.63 ng/ml



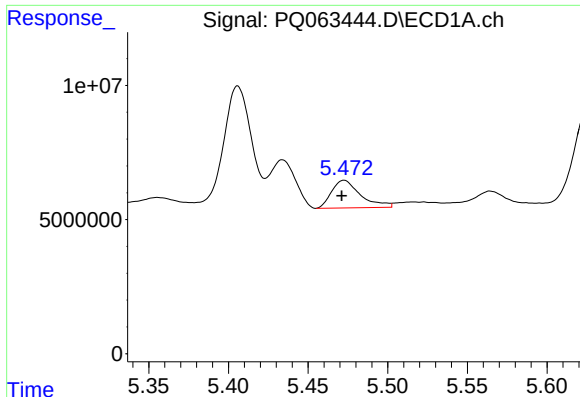
#24 AR-1248-4

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 20207595
Conc: 105.69 ng/ml



#24 AR-1248-4

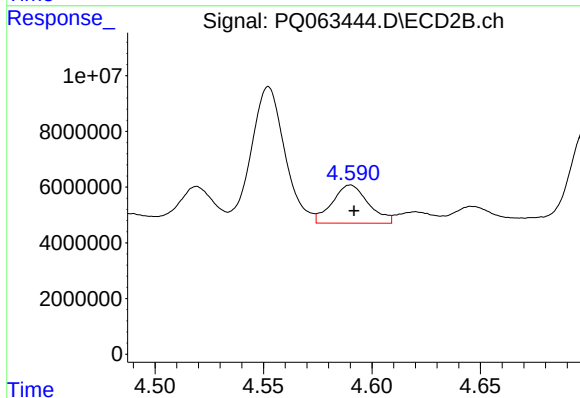
R.T.: 4.214 min
Delta R.T.: -0.001 min
Response: 52428298
Conc: 371.82 ng/ml



#25 AR-1248-5

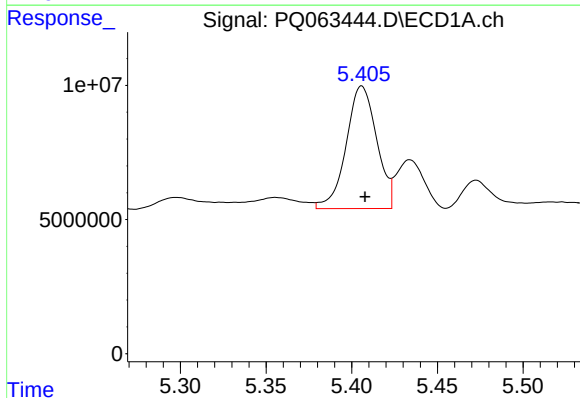
R.T.: 5.473 min
Delta R.T.: 0.002 min
Response: 13073681
Conc: 70.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



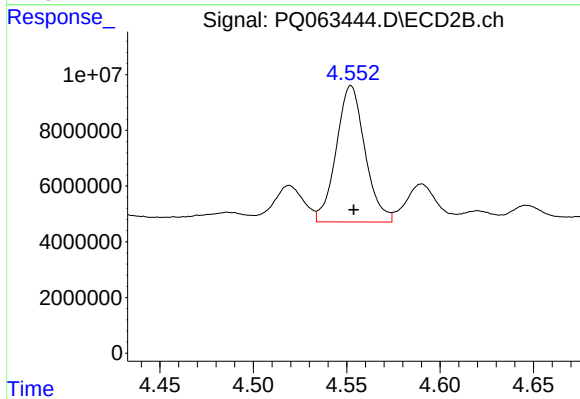
#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: -0.002 min
Response: 15963214
Conc: 115.52 ng/ml



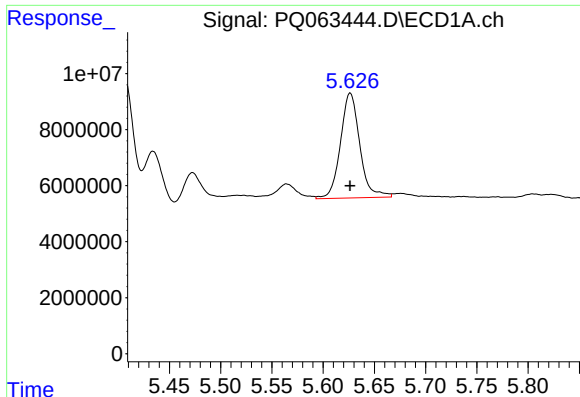
#26 AR-1254-1

R.T.: 5.406 min
Delta R.T.: -0.002 min
Response: 56718846
Conc: 282.03 ng/ml



#26 AR-1254-1

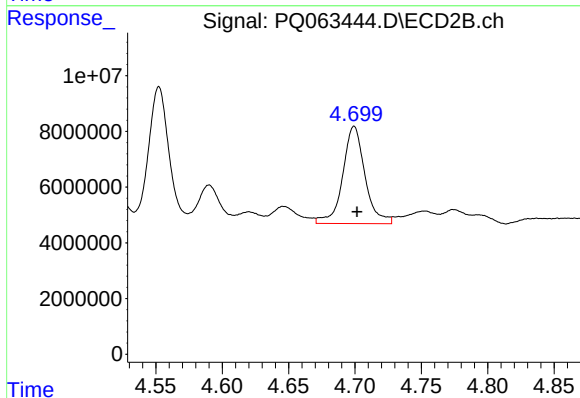
R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 52495017
Conc: 248.97 ng/ml



#27 AR-1254-2

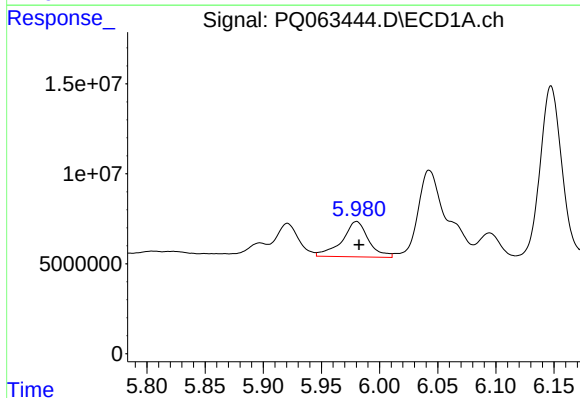
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 49157370
Conc: 161.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



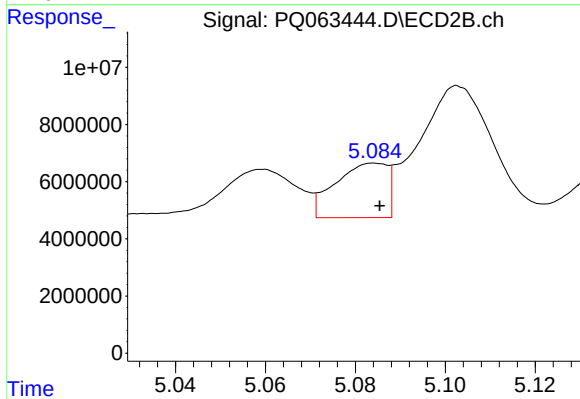
#27 AR-1254-2

R.T.: 4.699 min
Delta R.T.: -0.002 min
Response: 40818844
Conc: 220.54 ng/ml



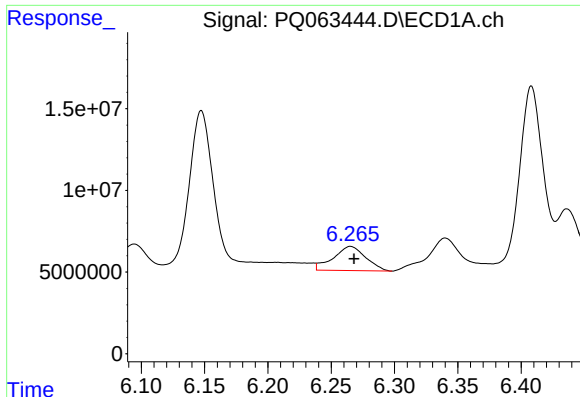
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 31262184
Conc: 95.30 ng/ml



#28 AR-1254-3

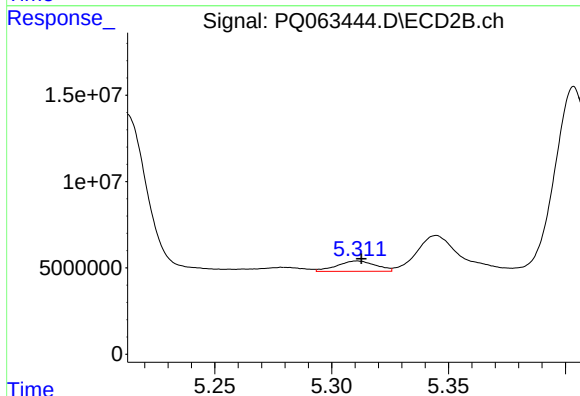
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 15285750
Conc: 53.42 ng/ml



#29 AR-1254-4

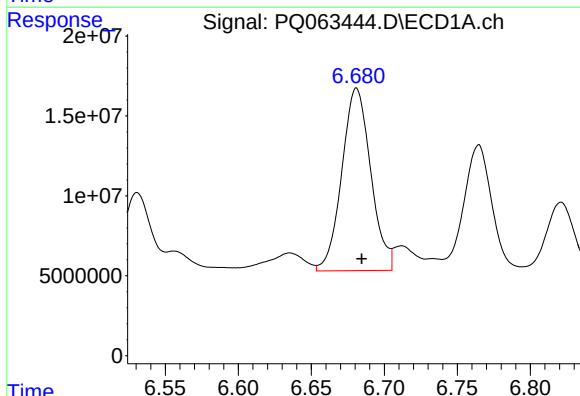
R.T.: 6.265 min
Delta R.T.: -0.003 min
Response: 26451174
Conc: 109.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



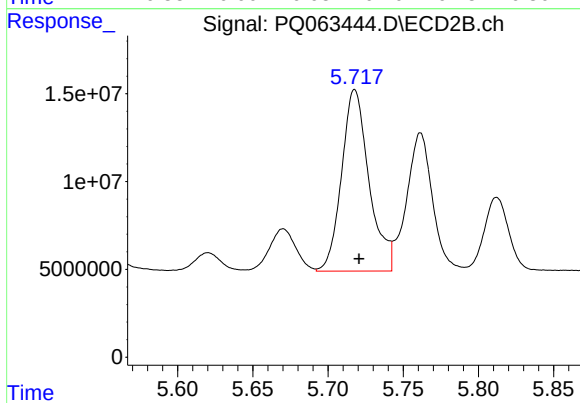
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 6964039
Conc: 37.62 ng/ml



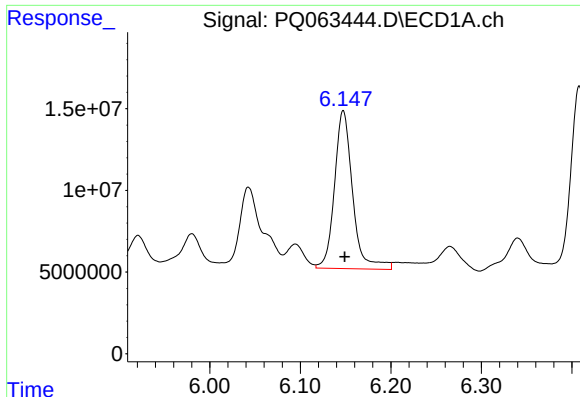
#30 AR-1254-5

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 157448624
Conc: 613.09 ng/ml



#30 AR-1254-5

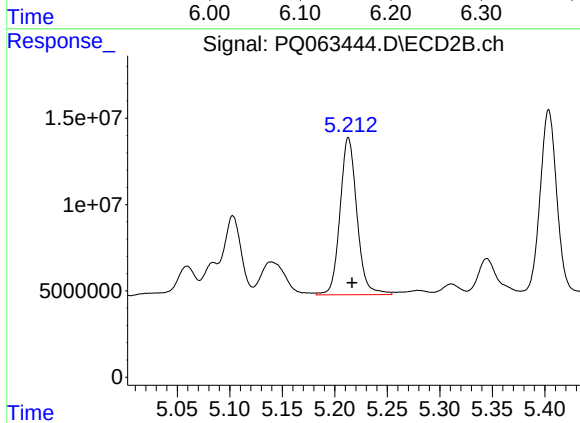
R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 131317248
Conc: 508.26 ng/ml



#31 AR-1260-1

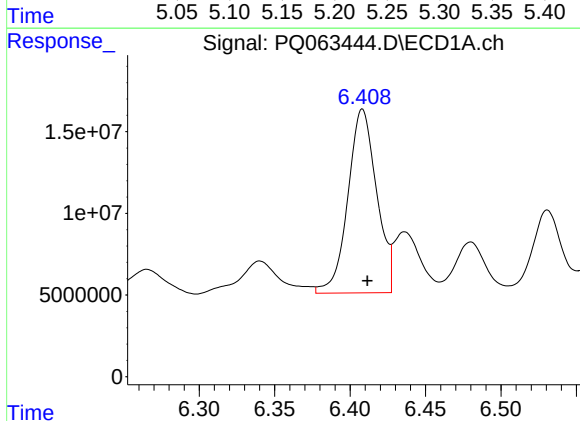
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 134885058
Conc: 560.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



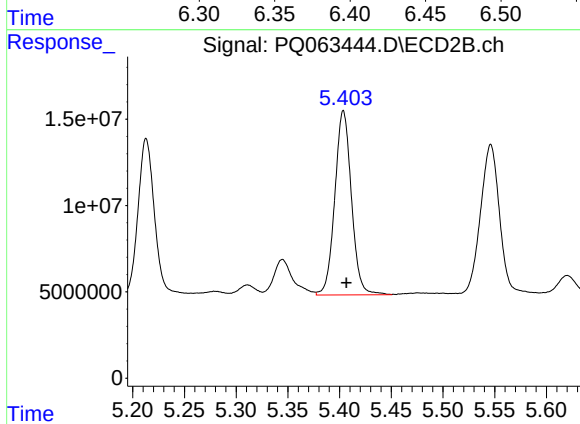
#31 AR-1260-1

R.T.: 5.213 min
Delta R.T.: -0.003 min
Response: 102000803
Conc: 505.15 ng/ml



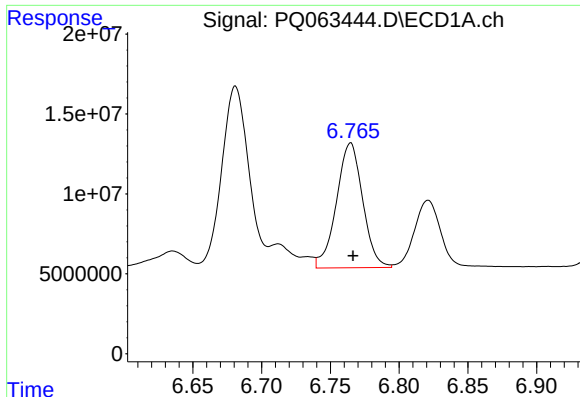
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: -0.003 min
Response: 149118097
Conc: 526.31 ng/ml



#32 AR-1260-2

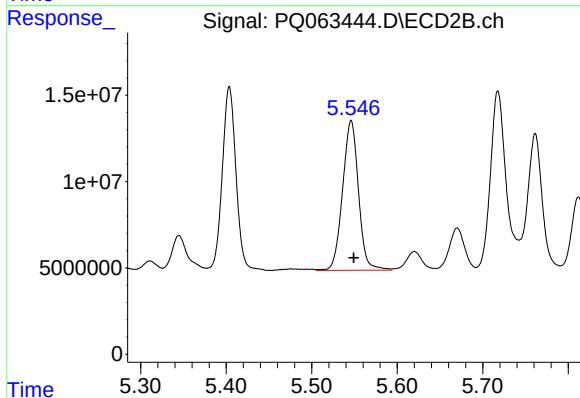
R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 119343962
Conc: 487.72 ng/ml



#33 AR-1260-3

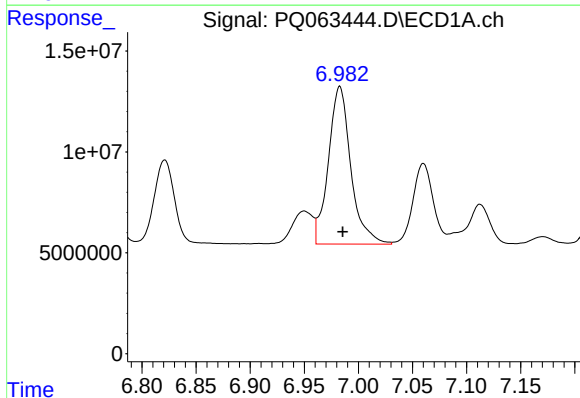
R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 103527966
Conc: 509.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



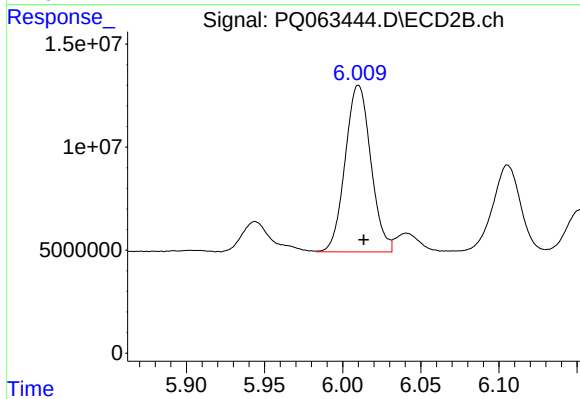
#33 AR-1260-3

R.T.: 5.546 min
Delta R.T.: -0.003 min
Response: 112111001
Conc: 474.09 ng/ml



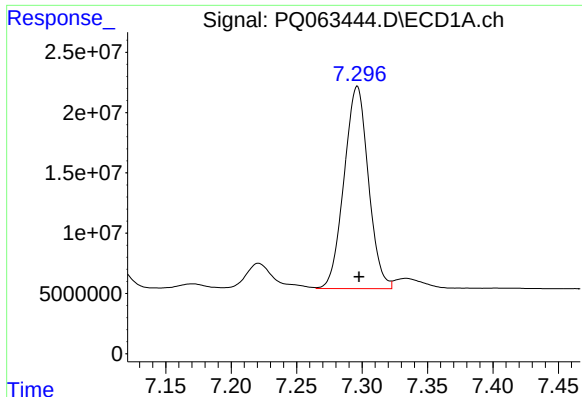
#34 AR-1260-4

R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 112730847
Conc: 472.90 ng/ml



#34 AR-1260-4

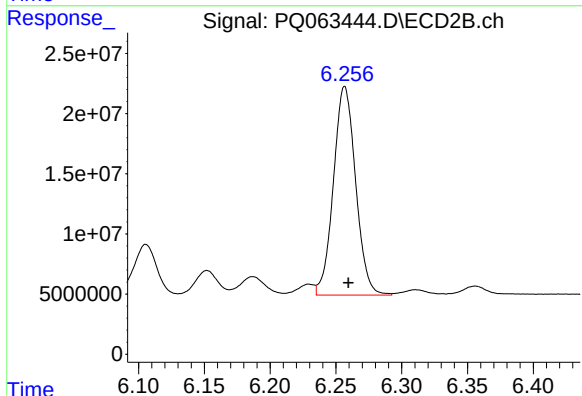
R.T.: 6.010 min
Delta R.T.: -0.003 min
Response: 92501502
Conc: 484.50 ng/ml



#35 AR-1260-5

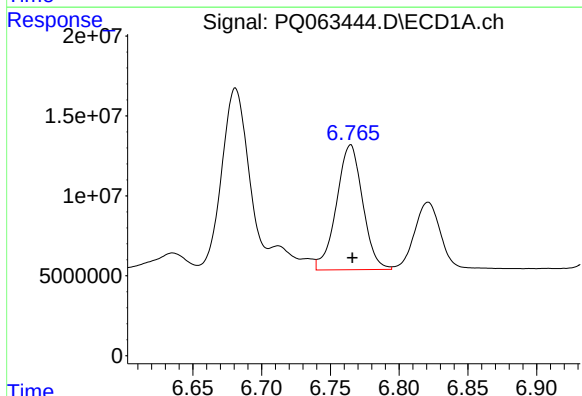
R.T.: 7.296 min
Delta R.T.: -0.001 min
Response: 217054680
Conc: 484.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



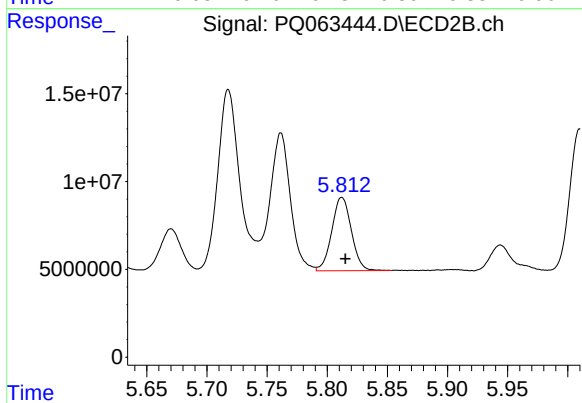
#35 AR-1260-5

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 204106882
Conc: 466.07 ng/ml



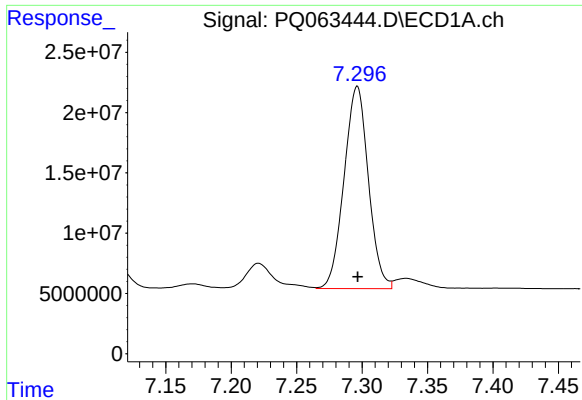
#36 AR-1262-1

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 103527966
Conc: 332.52 ng/ml



#36 AR-1262-1

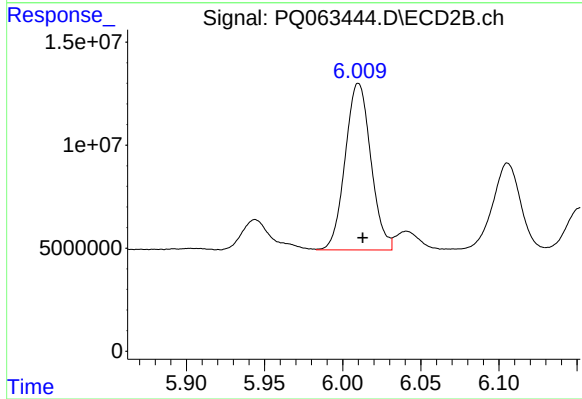
R.T.: 5.812 min
Delta R.T.: -0.003 min
Response: 47326600
Conc: 449.85 ng/ml



#37 AR-1262-2

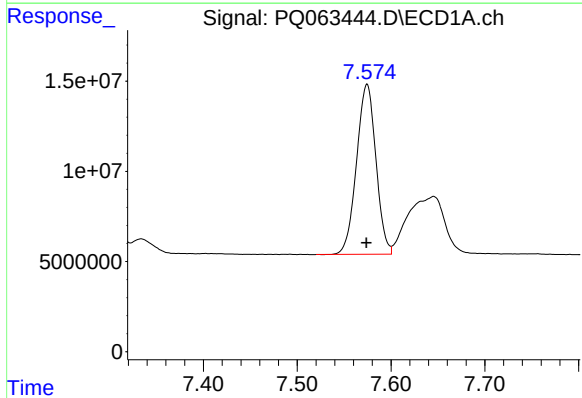
R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 217054680
Conc: 418.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



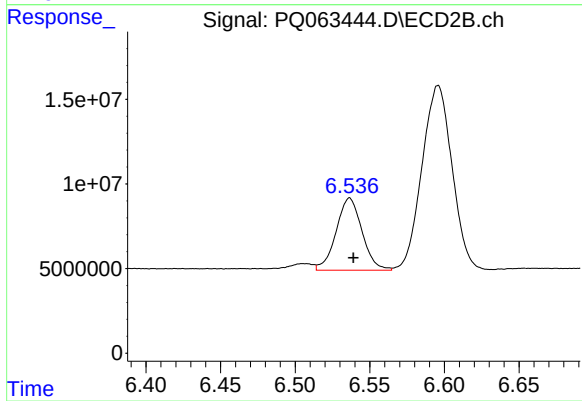
#37 AR-1262-2

R.T.: 6.010 min
Delta R.T.: -0.003 min
Response: 92501502
Conc: 398.41 ng/ml



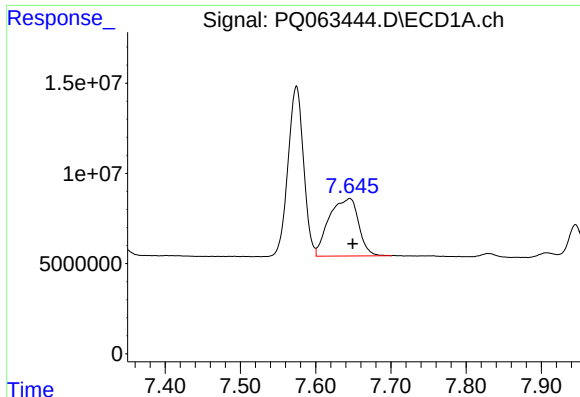
#38 AR-1262-3

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 135357676
Conc: 391.00 ng/ml



#38 AR-1262-3

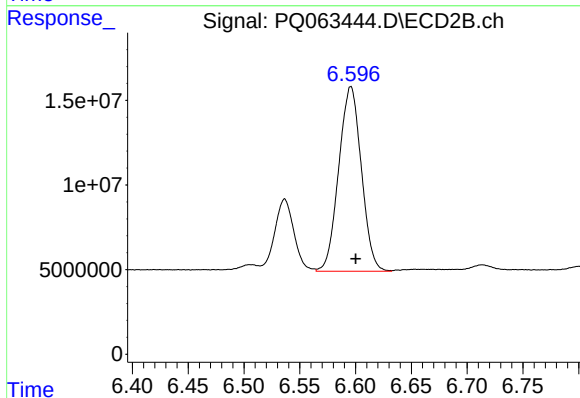
R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 51556661
Conc: 268.42 ng/ml



#39 AR-1262-4

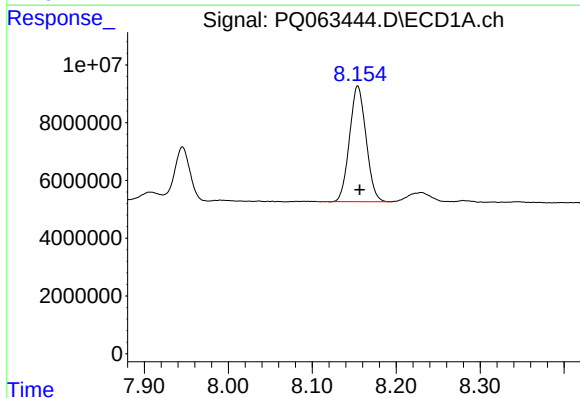
R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 86772889
Conc: 318.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



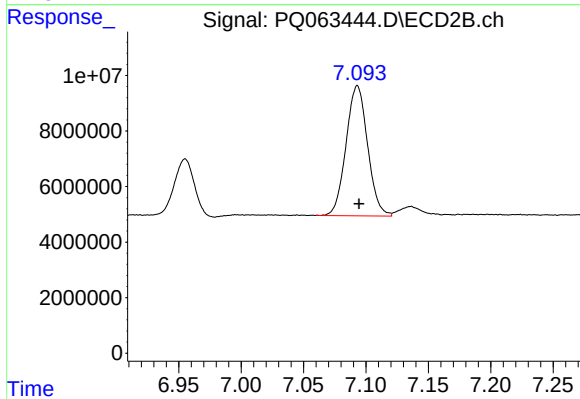
#39 AR-1262-4

R.T.: 6.596 min
Delta R.T.: -0.004 min
Response: 153893097
Conc: 440.08 ng/ml



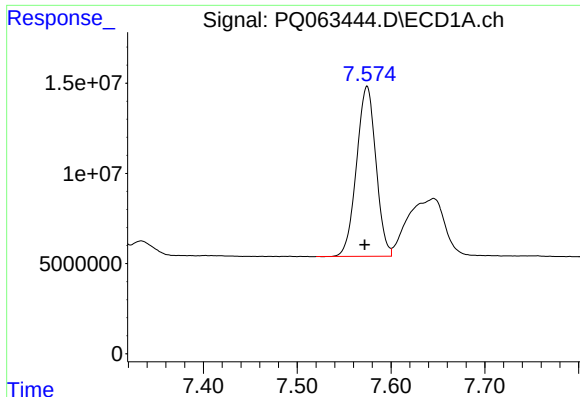
#40 AR-1262-5

R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 54711900
Conc: 318.99 ng/ml



#40 AR-1262-5

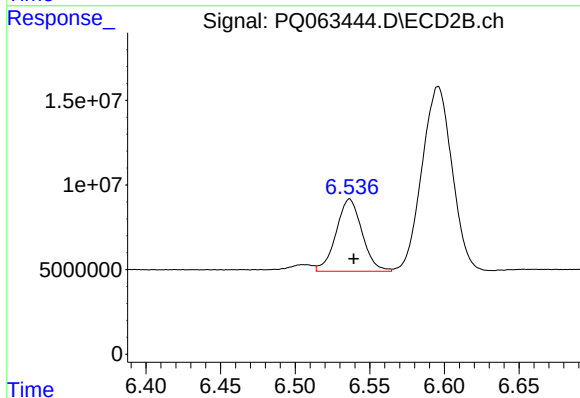
R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 56384342
Conc: 340.40 ng/ml



#41 AR-1268-1

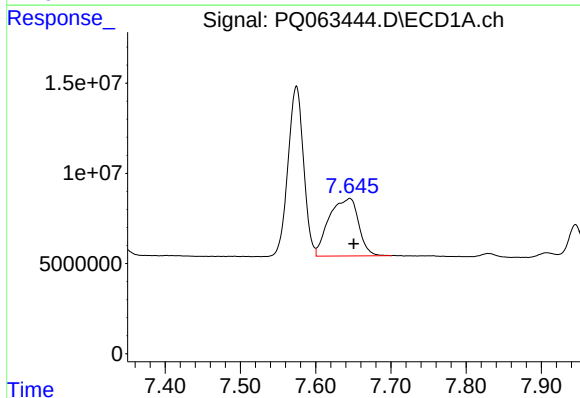
R.T.: 7.575 min
Delta R.T.: 0.002 min
Response: 135357676
Conc: 219.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



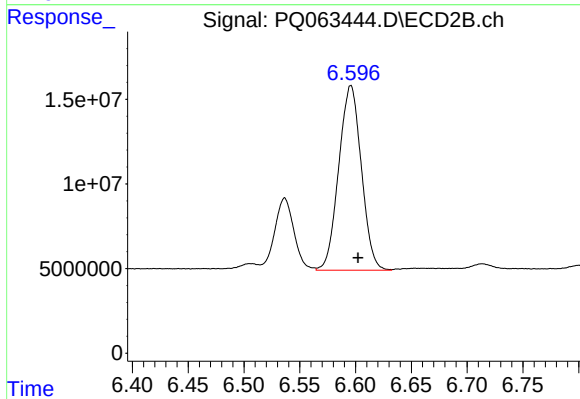
#41 AR-1268-1

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 51556661
Conc: 91.95 ng/ml



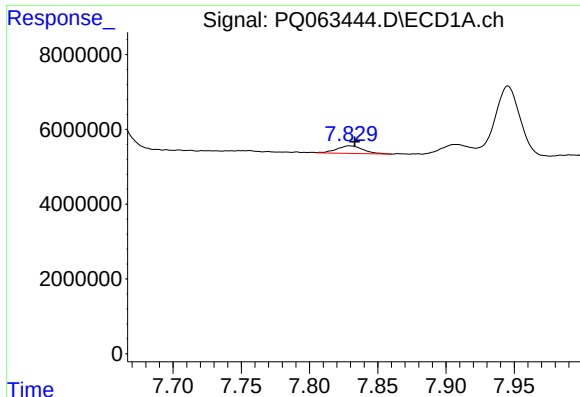
#42 AR-1268-2

R.T.: 7.645 min
Delta R.T.: -0.005 min
Response: 86772889
Conc: 151.56 ng/ml



#42 AR-1268-2

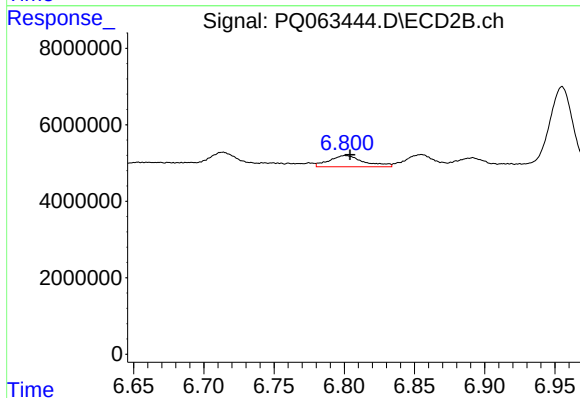
R.T.: 6.596 min
Delta R.T.: -0.006 min
Response: 153893097
Conc: 309.40 ng/ml



#43 AR-1268-3

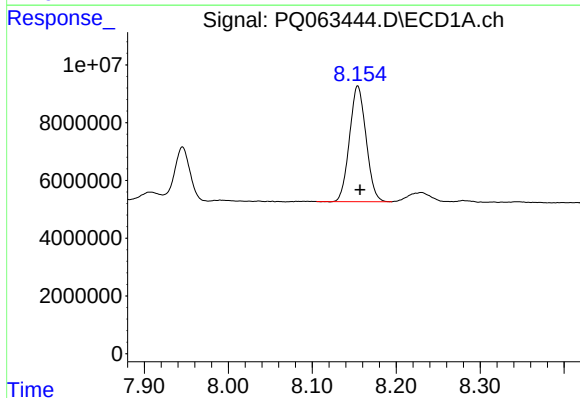
R.T.: 7.829 min
Delta R.T.: -0.004 min
Response: 2777412
Conc: 5.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



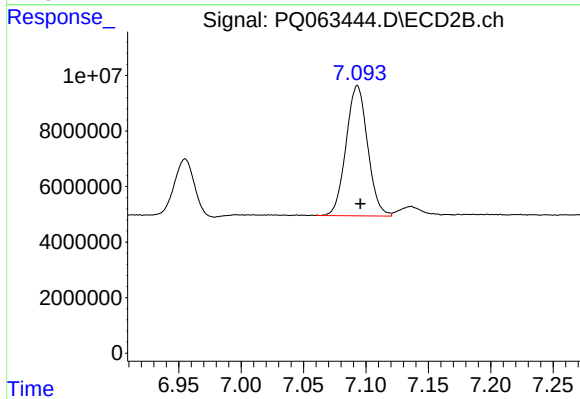
#43 AR-1268-3

R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 5105766
Conc: 11.98 ng/ml



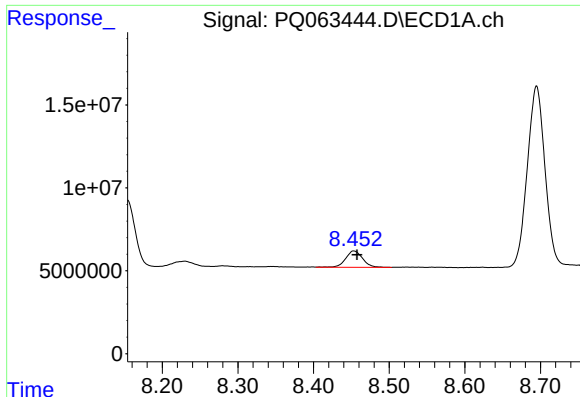
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 54711900
Conc: 284.39 ng/ml



#44 AR-1268-4

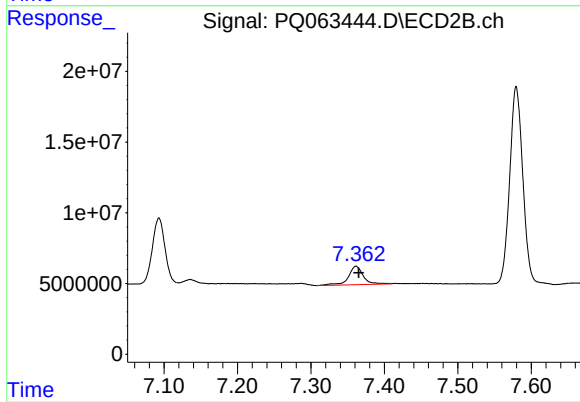
R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 56384342
Conc: 304.50 ng/ml



#45 AR-1268-5

R.T.: 8.453 min
Delta R.T.: -0.004 min
Response: 15442911
Conc: 10.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.361 min
Delta R.T.: -0.004 min
Response: 18638664
Conc: 14.18 ng/ml