

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071023\
 Data File : PQ062077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 18:13
 Operator : YP\AJ
 Sample : PB154073BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:53:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.404	2.758	98141525	55170285	20.118	21.988
2)	SA Decachlor...	8.585	7.529	80868925	73997943	22.261	22.207
Target Compounds							
3)	L1 AR-1016-1	4.504	3.760	76163161	47277723	462.385	477.671
4)	L1 AR-1016-2	4.524	3.775	114.6E6	70298189	463.509	487.508
5)	L1 AR-1016-3	4.581	3.935	70713044	37393130	463.979	495.649
6)	L1 AR-1016-4	4.673	3.985	59259874	32600113	472.773	496.354
7)	L1 AR-1016-5	4.960	4.179	58497782	39716067	480.605	484.451
8)	L2 AR-1221-1	3.602	2.959	8061696	4510673	134.121	136.702
9)	L2 AR-1221-2	3.683	3.037	9958270	5884131	221.627	231.658
10)	L2 AR-1221-3	3.753	3.105	43002330	26619346	306.027	345.298
11)	L3 AR-1232-1	3.753	3.105	43002330	26619346	407.214	464.572
12)	L3 AR-1232-2	4.246	3.775	59287969	70298189	1002.313	1056.243
13)	L3 AR-1232-3	4.524	3.935	114.6E6	37393130	1013.535	1082.135
14)	L3 AR-1232-4	4.673	4.022	59259874	35616956	1045.767	1197.618
15)	L3 AR-1232-5	4.770	4.179	47155779	39716067	1177.423	1113.716
16)	L4 AR-1242-1	4.504	3.760	76163161	47277723	582.714	611.304
17)	L4 AR-1242-2	4.524	3.775	114.6E6	70298189	590.358	632.413
18)	L4 AR-1242-3	4.581	3.935	70713044	37393130	585.159	638.369
19)	L4 AR-1242-4	4.673	4.022	59259874	35616956	607.882	607.506
20)	L4 AR-1242-5	5.389	4.515	8082419	33266595	84.429	401.322 #
21)	L5 AR-1248-1	4.504	3.760	76163161	47277723	732.488	756.197
22)	L5 AR-1248-2	4.770	3.985	47155779	32600113	328.241	347.665
23)	L5 AR-1248-3	4.960	4.022	58497782	35616956	336.750	393.367
24)	L5 AR-1248-4	5.354	4.179	9119980	39716067	47.517	351.970 #
25)	L5 AR-1248-5	5.389	4.554	8082419	5183340	44.624	46.266
26)	L6 AR-1254-1	5.326	4.515	45992695	33266595	247.510	206.033
27)	L6 AR-1254-2	5.545	4.662	52164172	32240167	179.435	218.986
28)	L6 AR-1254-3	5.898	5.045	27287457	17435543	88.844	74.606
29)	L6 AR-1254-4	6.181	5.270	17710851	7973099	76.276	52.312 #
30)	L6 AR-1254-5	6.594	5.675	164.7E6	125.4E6	641.235	543.510
31)	L7 AR-1260-1	6.062	5.172	115.0E6	86724851	487.434	520.704
32)	L7 AR-1260-2	6.322	5.363	137.3E6	104.6E6	475.489	502.989
33)	L7 AR-1260-3	6.676	5.503	86477834	96768541	489.747	497.375
34)	L7 AR-1260-4	6.894	5.965	102.3E6	72102689	485.599	494.323
35)	L7 AR-1260-5	7.205	6.212	200.3E6	164.7E6	487.758	495.887
36)	L8 AR-1262-1	6.676	5.718	86477834	73118629	283.588	314.527
37)	L8 AR-1262-2	7.205	5.965	200.3E6	72102689	380.240	333.489
38)	L8 AR-1262-3	7.484	6.490	128.9E6	34960089	365.806	200.542 #
39)	L8 AR-1262-4	7.552	6.547	32986086	127.6E6	123.673	395.832 #
40)	L8 AR-1262-5	8.060	7.045	46910992	41409584	264.274	266.961
41)	L9 AR-1268-1	7.484	6.490	128.9E6	34960089	227.100	74.298 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071023\
Data File : PQ062077.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 18:13
Operator : YP\AJ
Sample : PB154073BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

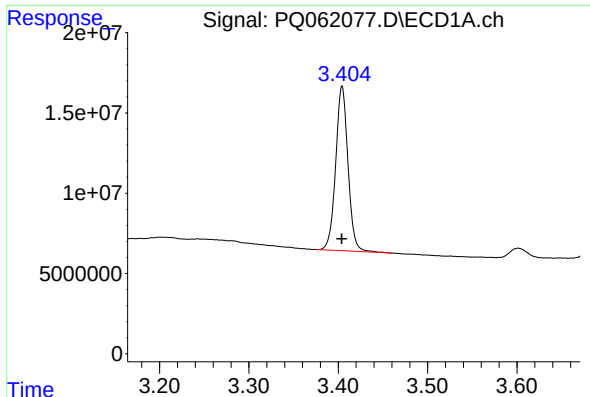
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:53:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 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	7.552	6.547	32986086	127.6E6	64.695	301.094 #
43)	L9 AR-1268-3	7.738	6.753	3844332	3336029	9.008	9.057
44)	L9 AR-1268-4	8.060	7.045	46910992	41409584	256.365	258.913
45)	L9 AR-1268-5	8.352	7.313	15247266	14512346	12.094	12.436

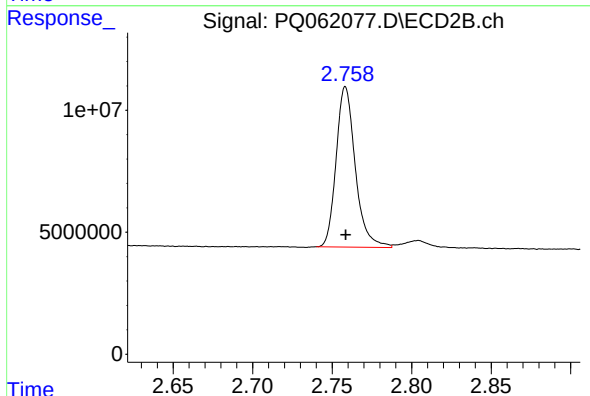
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

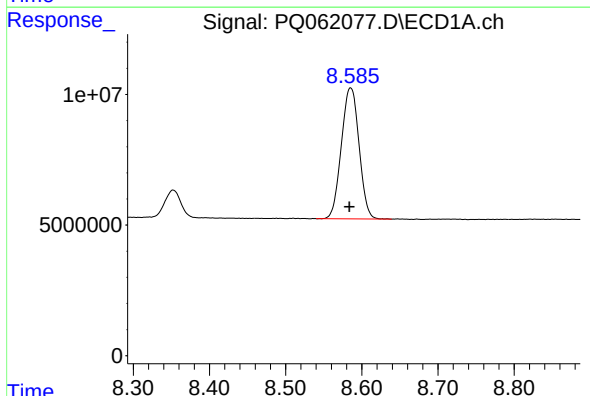
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 98141525
Conc: 20.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



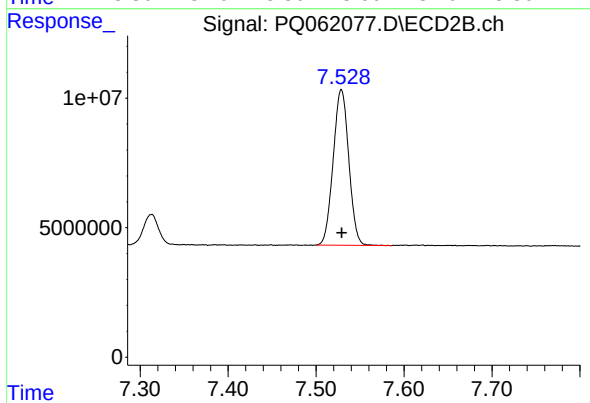
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 55170285
Conc: 21.99 ng/ml



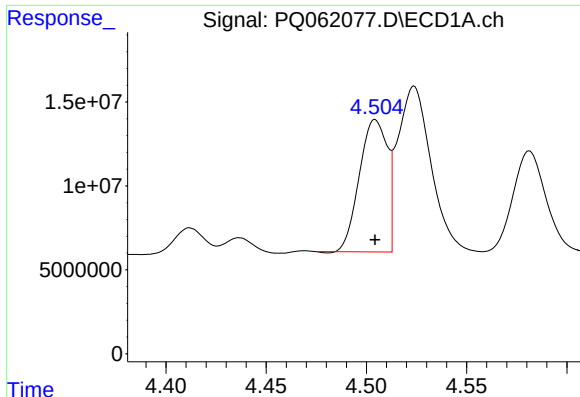
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.002 min
Response: 80868925
Conc: 22.26 ng/ml



#2 Decachlorobiphenyl

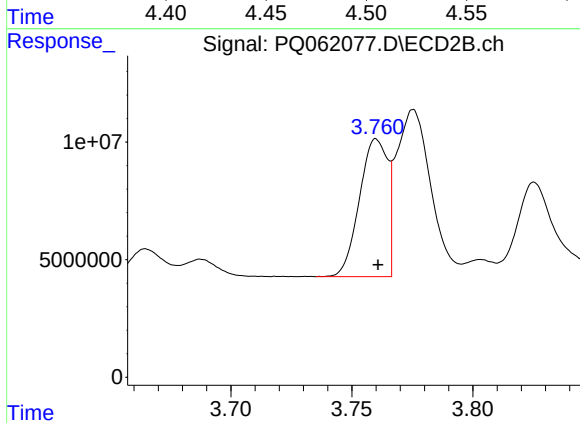
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 73997943
Conc: 22.21 ng/ml



#3 AR-1016-1

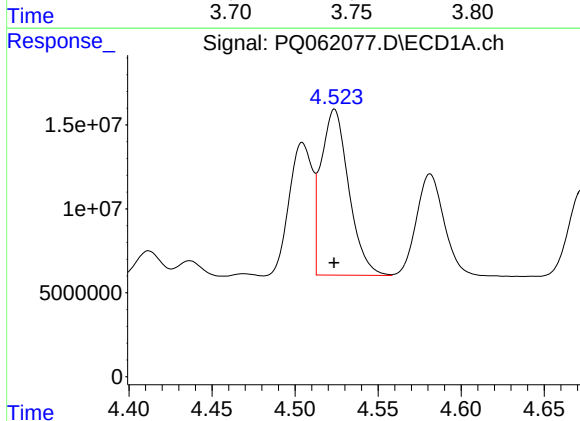
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 76163161
Conc: 462.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



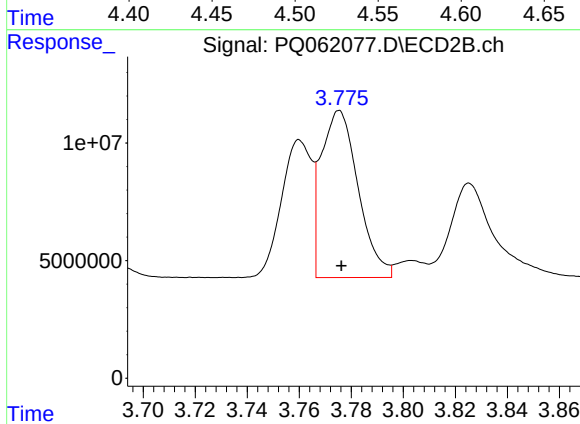
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 47277723
Conc: 477.67 ng/ml



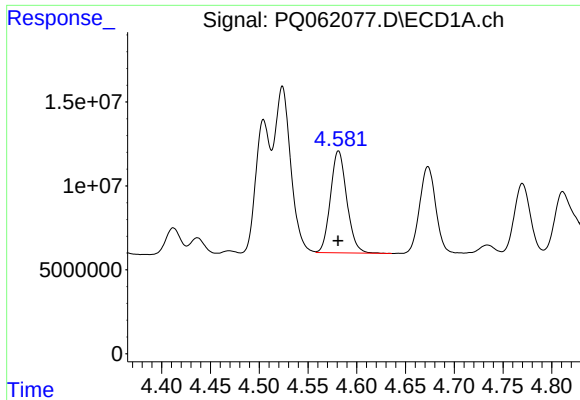
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 114611150
Conc: 463.51 ng/ml



#4 AR-1016-2

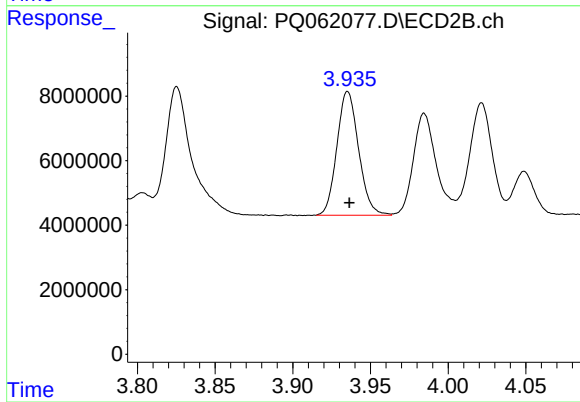
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 70298189
Conc: 487.51 ng/ml



#5 AR-1016-3

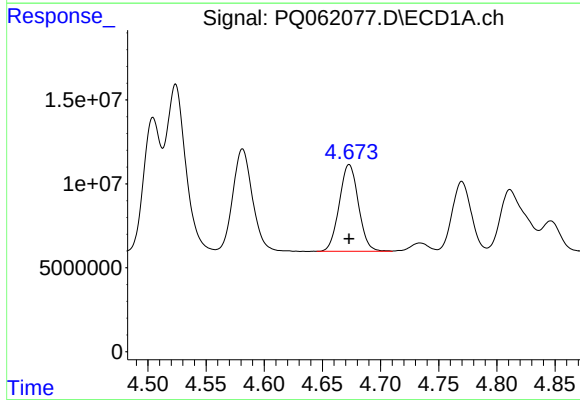
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 70713044
Conc: 463.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



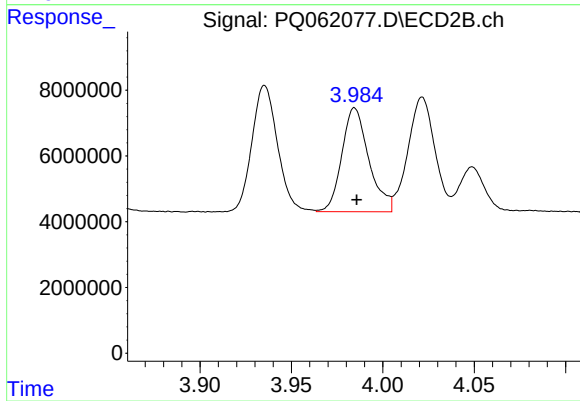
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 37393130
Conc: 495.65 ng/ml



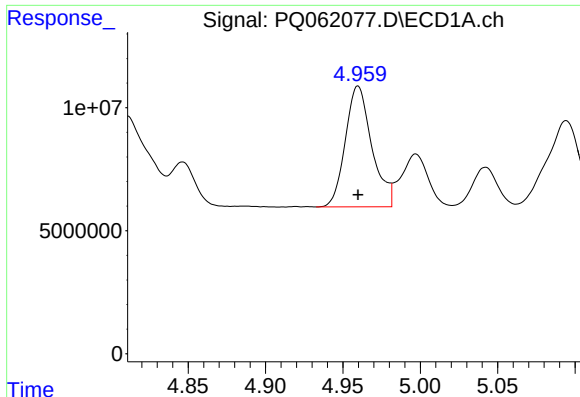
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 59259874
Conc: 472.77 ng/ml



#6 AR-1016-4

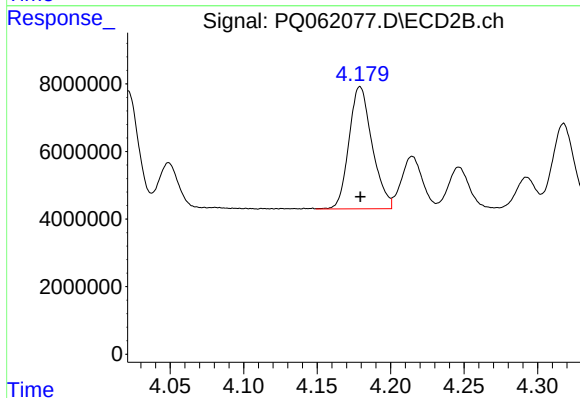
R.T.: 3.985 min
Delta R.T.: -0.001 min
Response: 32600113
Conc: 496.35 ng/ml



#7 AR-1016-5

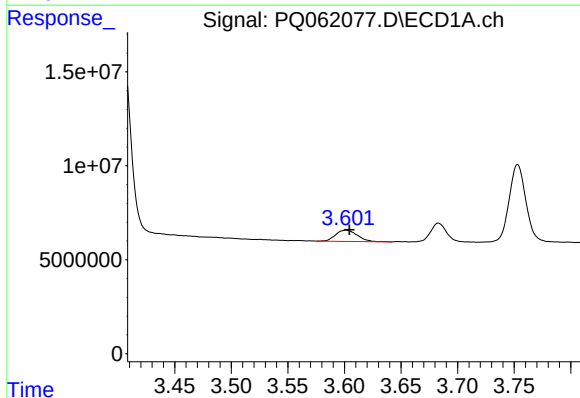
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 58497782
Conc: 480.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



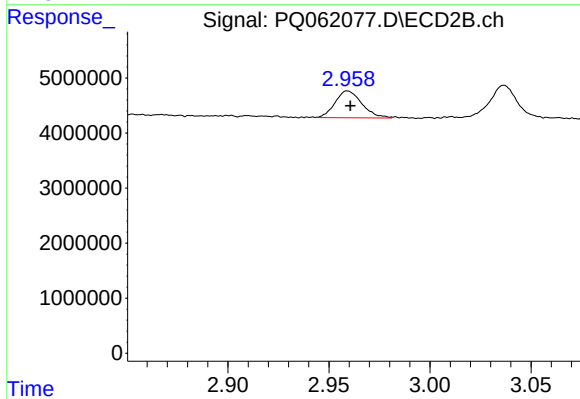
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 39716067
Conc: 484.45 ng/ml



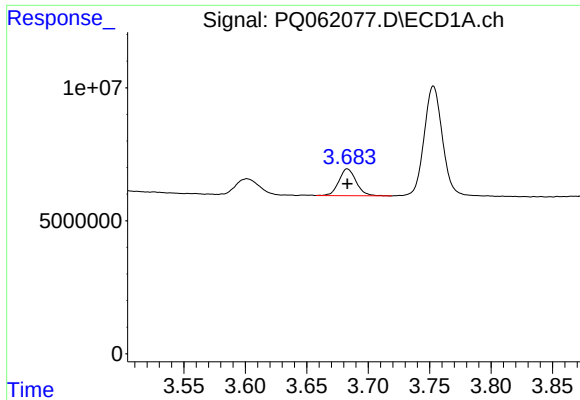
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 8061696
Conc: 134.12 ng/ml



#8 AR-1221-1

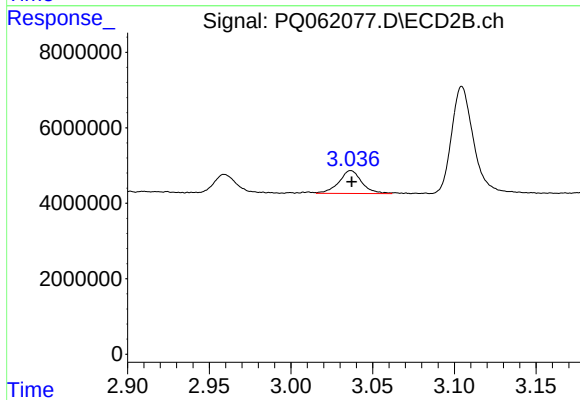
R.T.: 2.959 min
Delta R.T.: -0.001 min
Response: 4510673
Conc: 136.70 ng/ml



#9 AR-1221-2

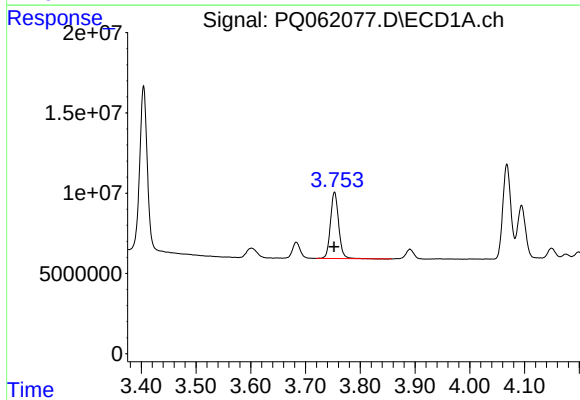
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 9958270
Conc: 221.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



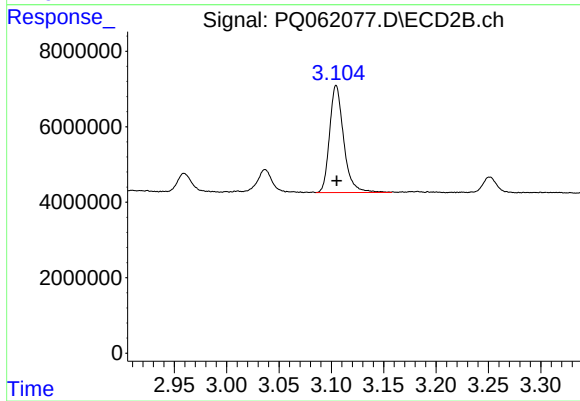
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 5884131
Conc: 231.66 ng/ml



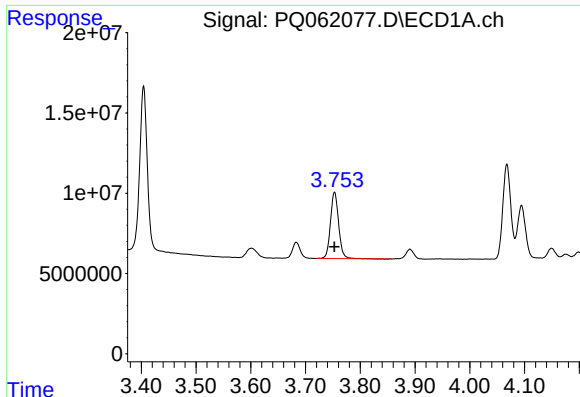
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 43002330
Conc: 306.03 ng/ml



#10 AR-1221-3

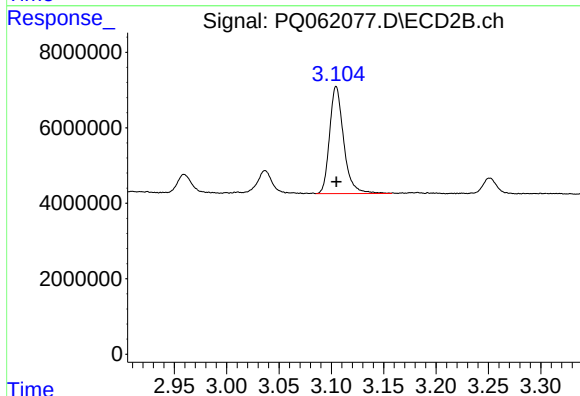
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 26619346
Conc: 345.30 ng/ml



#11 AR-1232-1

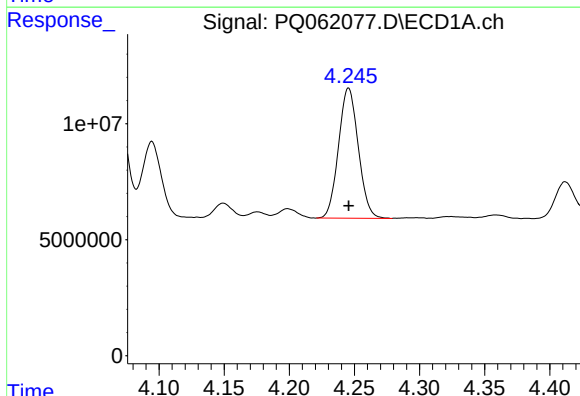
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 43002330
Conc: 407.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



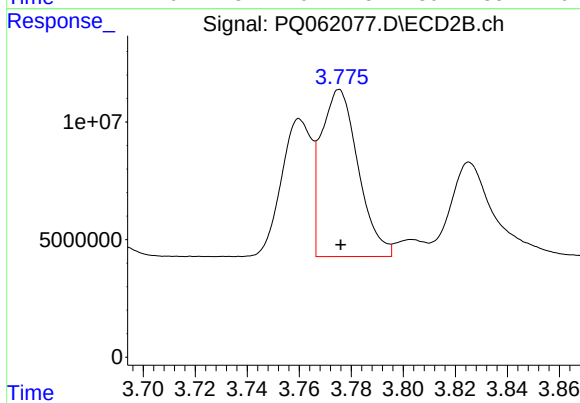
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 26619346
Conc: 464.57 ng/ml



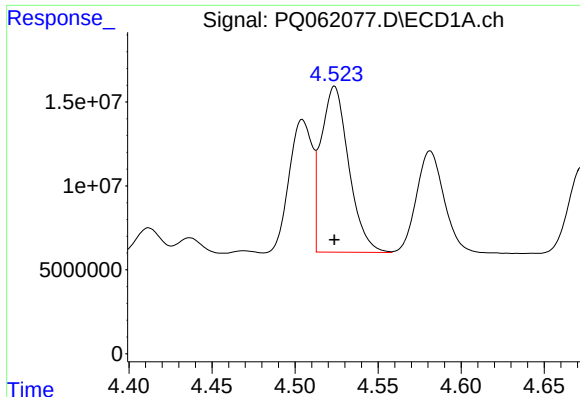
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 59287969
Conc: 1002.31 ng/ml



#12 AR-1232-2

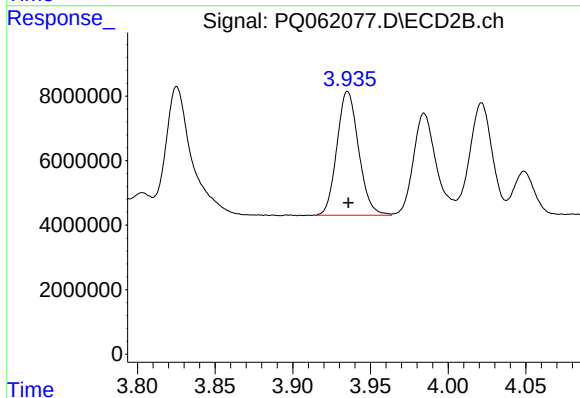
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 70298189
Conc: 1056.24 ng/ml



#13 AR-1232-3

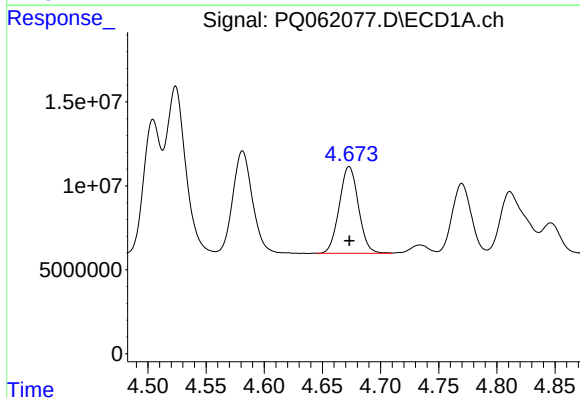
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 114611150
Conc: 1013.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



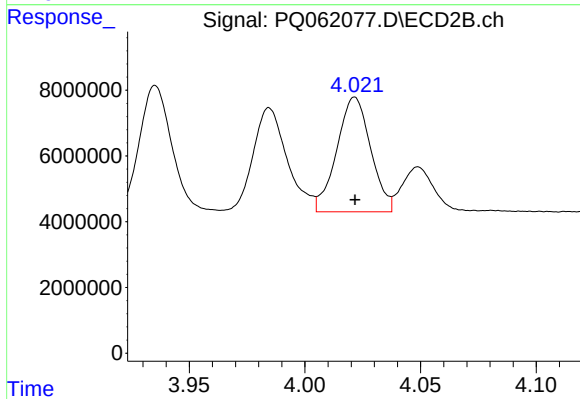
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 37393130
Conc: 1082.13 ng/ml



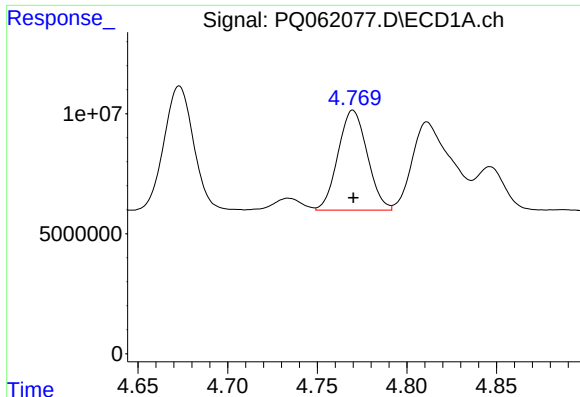
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 59259874
Conc: 1045.77 ng/ml



#14 AR-1232-4

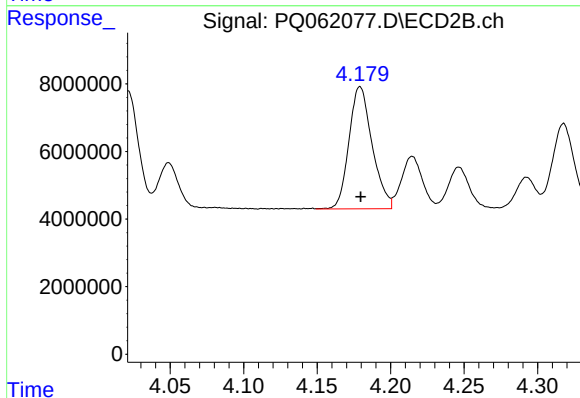
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 35616956
Conc: 1197.62 ng/ml



#15 AR-1232-5

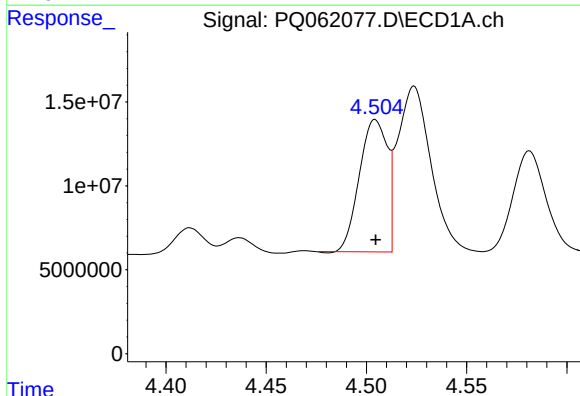
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 47155779
Conc: 1177.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



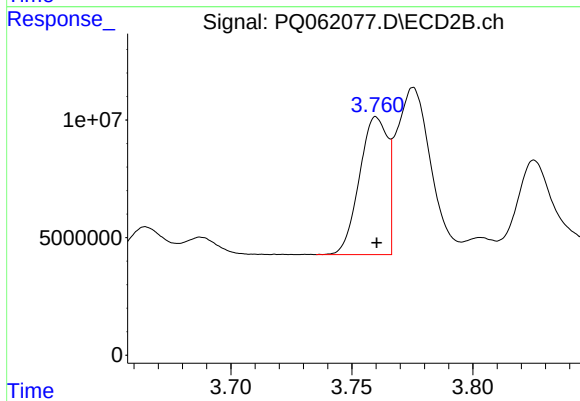
#15 AR-1232-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 39716067
Conc: 1113.72 ng/ml



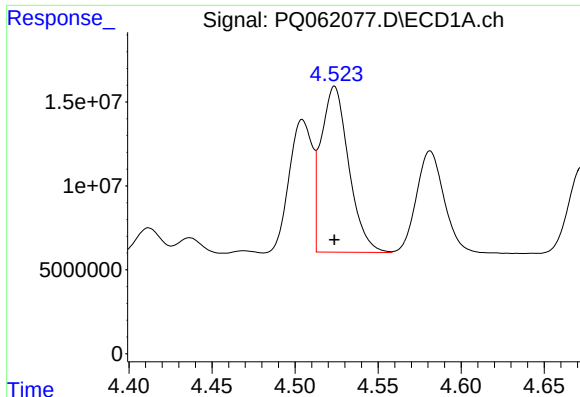
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 76163161
Conc: 582.71 ng/ml



#16 AR-1242-1

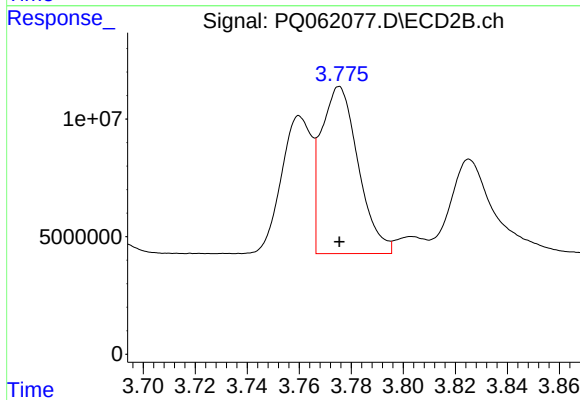
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 47277723
Conc: 611.30 ng/ml



#17 AR-1242-2

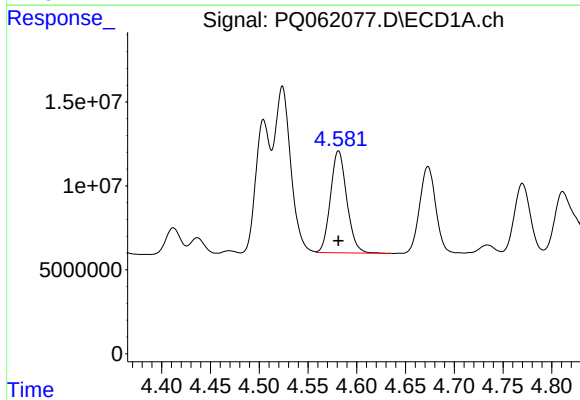
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 114611150
Conc: 590.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



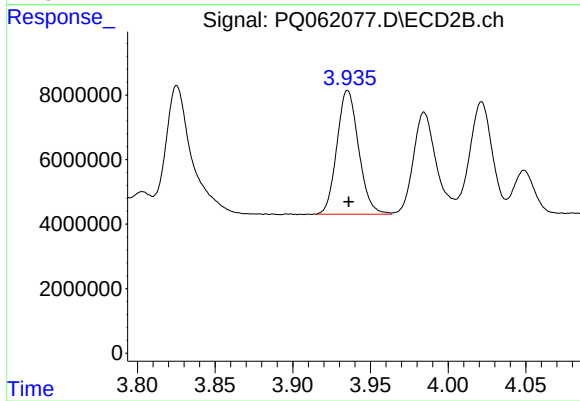
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 70298189
Conc: 632.41 ng/ml



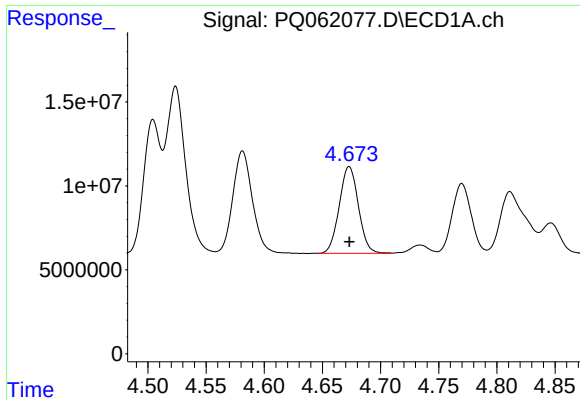
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 70713044
Conc: 585.16 ng/ml



#18 AR-1242-3

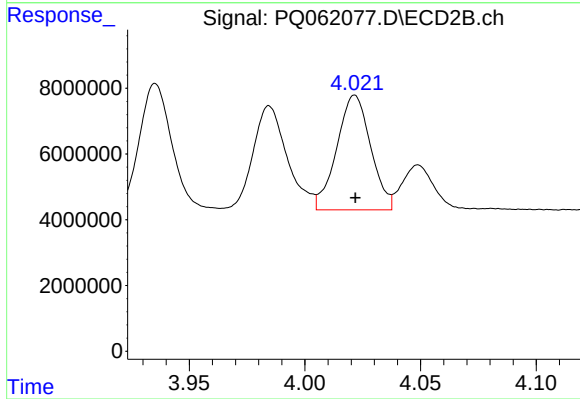
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 37393130
Conc: 638.37 ng/ml



#19 AR-1242-4

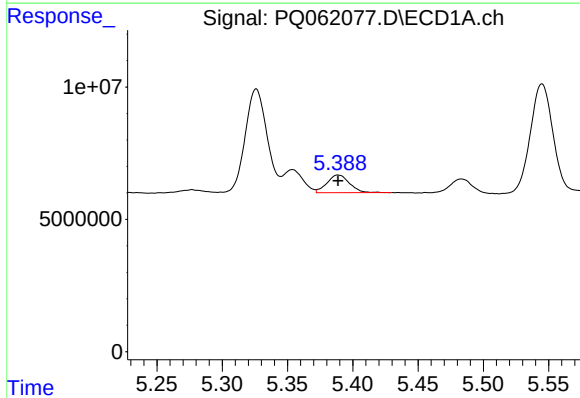
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 59259874
Conc: 607.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



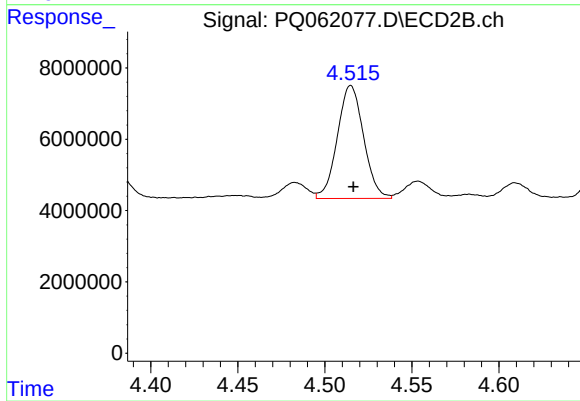
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 35616956
Conc: 607.51 ng/ml



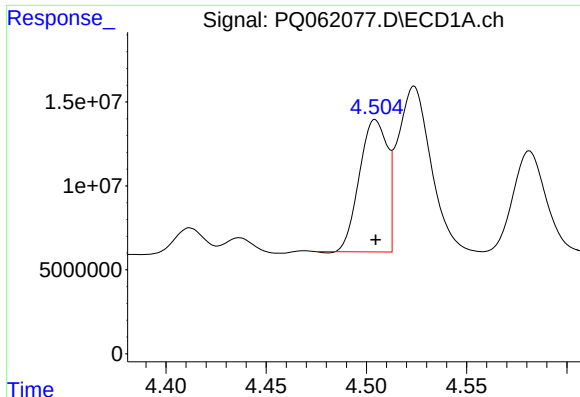
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 8082419
Conc: 84.43 ng/ml



#20 AR-1242-5

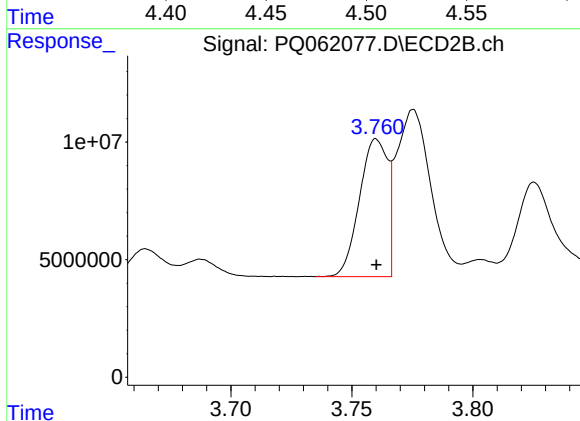
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 33266595
Conc: 401.32 ng/ml



#21 AR-1248-1

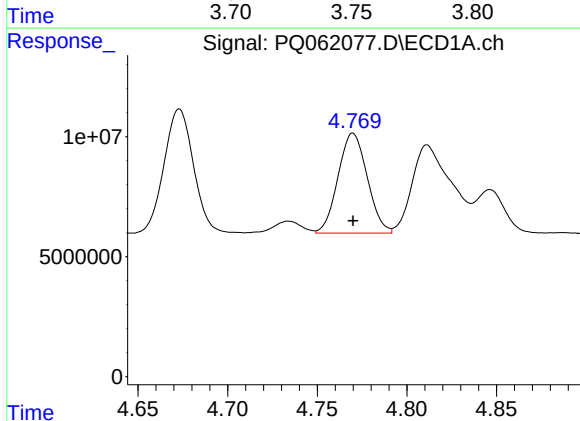
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 76163161
Conc: 732.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



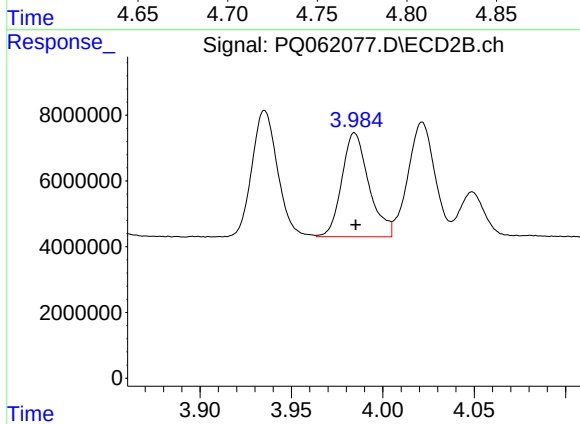
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 47277723
Conc: 756.20 ng/ml



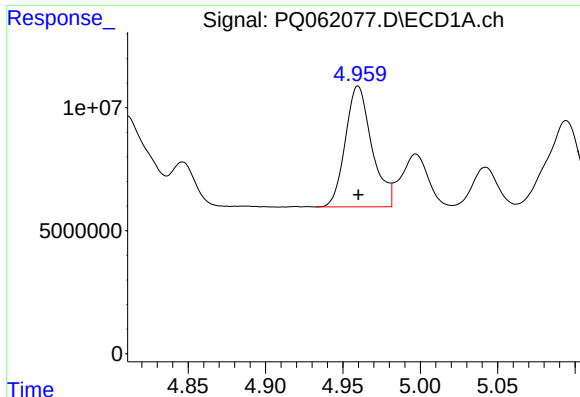
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 47155779
Conc: 328.24 ng/ml



#22 AR-1248-2

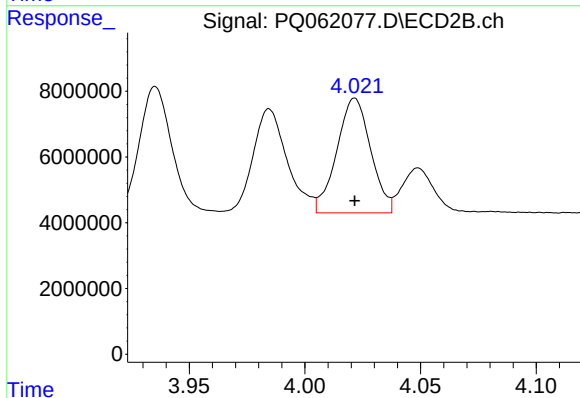
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 32600113
Conc: 347.66 ng/ml



#23 AR-1248-3

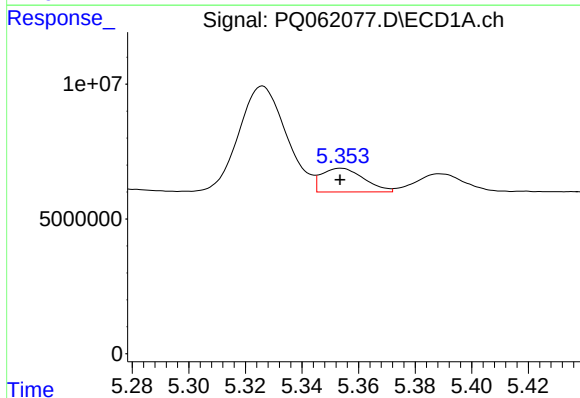
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 58497782
Conc: 336.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



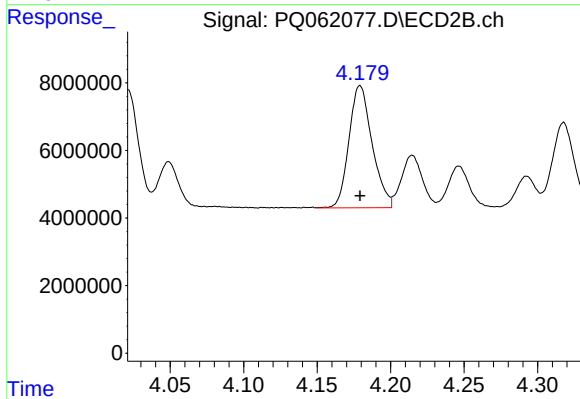
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 35616956
Conc: 393.37 ng/ml



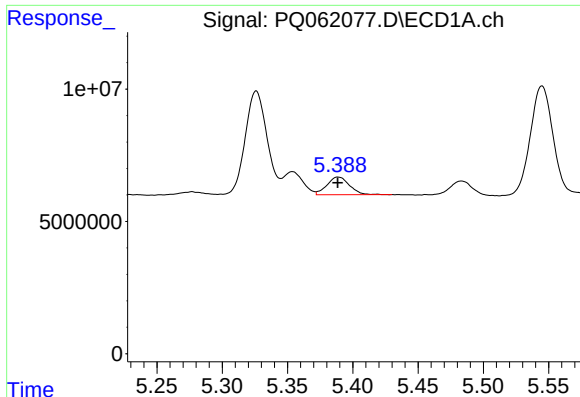
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 9119980
Conc: 47.52 ng/ml



#24 AR-1248-4

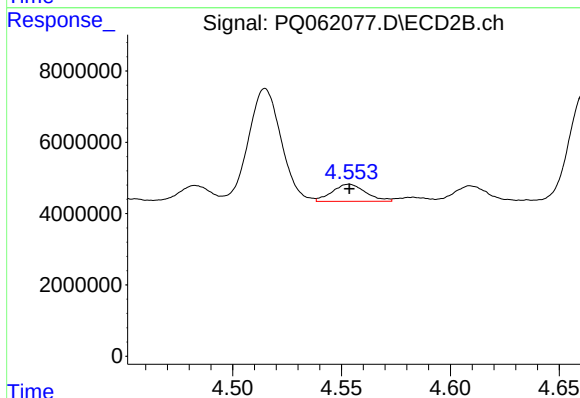
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 39716067
Conc: 351.97 ng/ml



#25 AR-1248-5

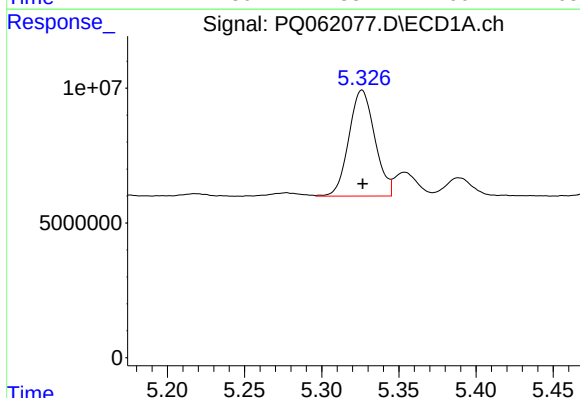
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 8082419
Conc: 44.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



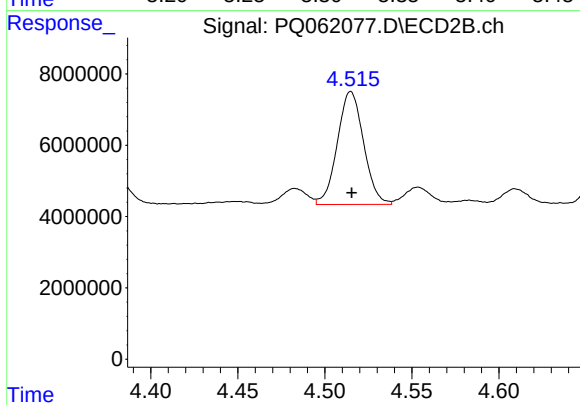
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 5183340
Conc: 46.27 ng/ml



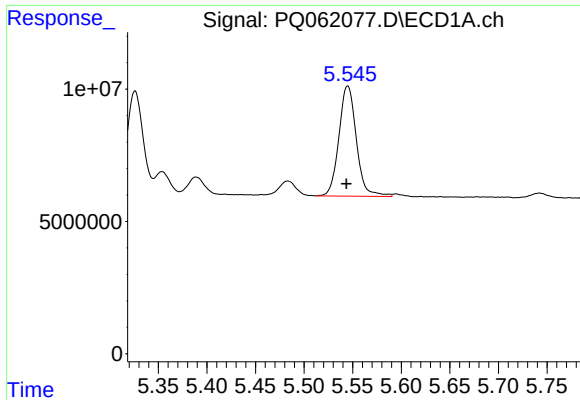
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 45992695
Conc: 247.51 ng/ml



#26 AR-1254-1

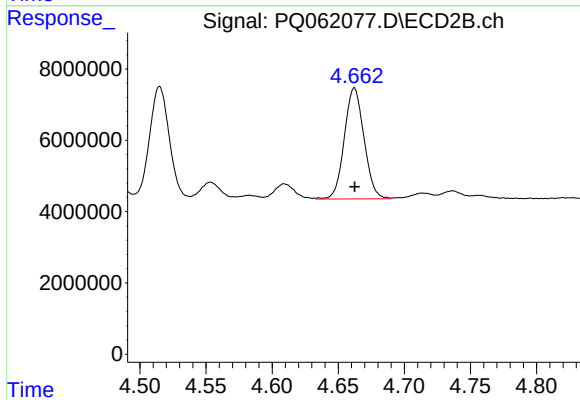
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 33266595
Conc: 206.03 ng/ml



#27 AR-1254-2

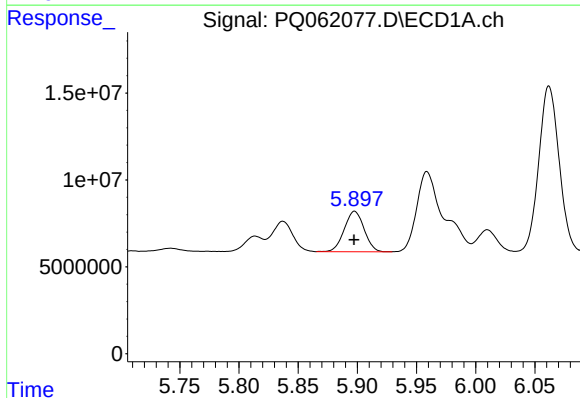
R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 52164172
Conc: 179.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



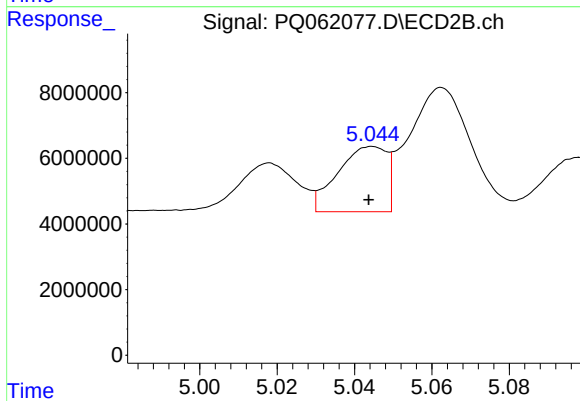
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 32240167
Conc: 218.99 ng/ml



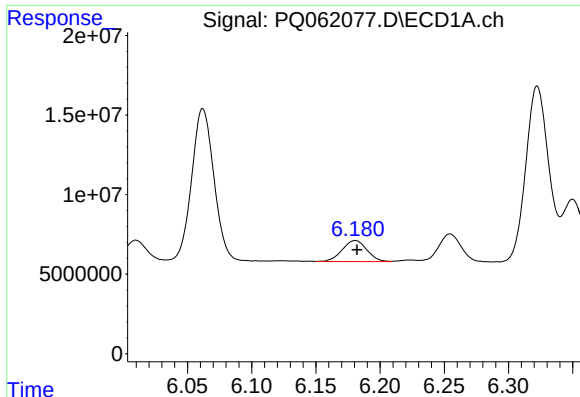
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 27287457
Conc: 88.84 ng/ml



#28 AR-1254-3

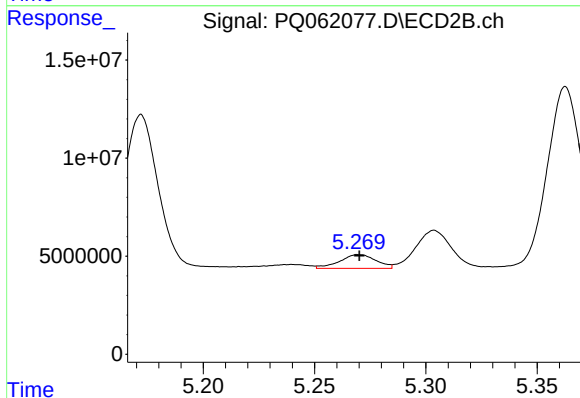
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 17435543
Conc: 74.61 ng/ml



#29 AR-1254-4

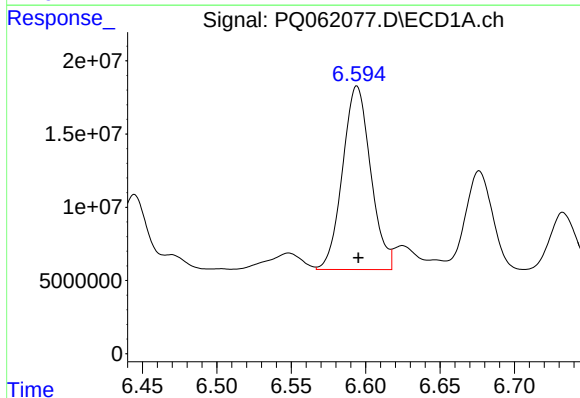
R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 17710851
Conc: 76.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



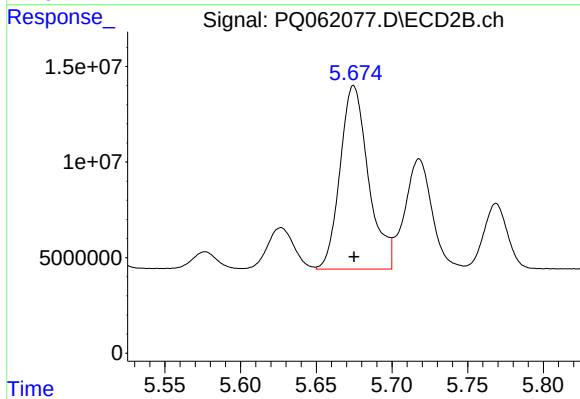
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 7973099
Conc: 52.31 ng/ml



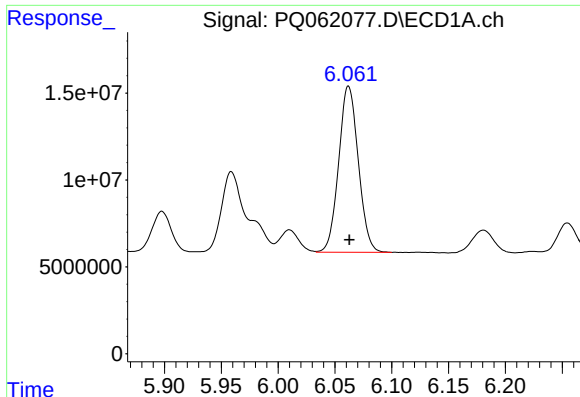
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 164714123
Conc: 641.23 ng/ml



#30 AR-1254-5

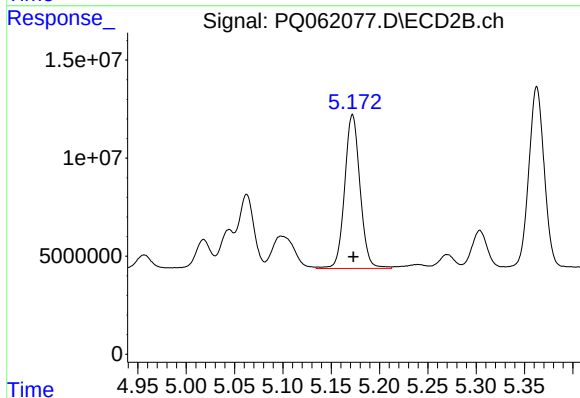
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 125440253
Conc: 543.51 ng/ml



#31 AR-1260-1

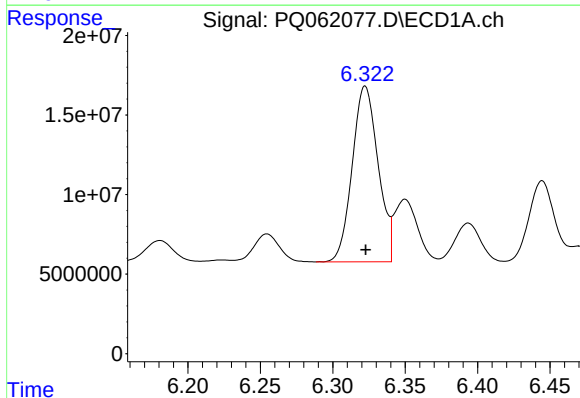
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 115001112
Conc: 487.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



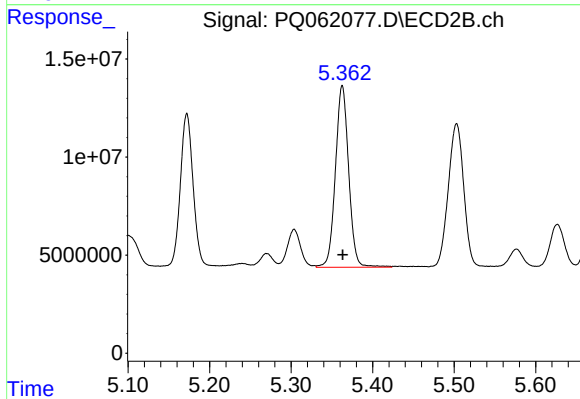
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 86724851
Conc: 520.70 ng/ml



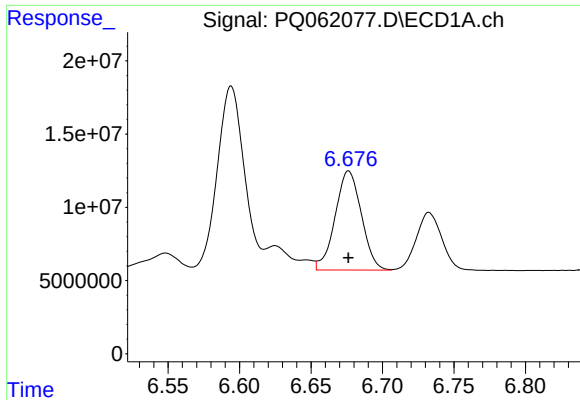
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 137327066
Conc: 475.49 ng/ml



#32 AR-1260-2

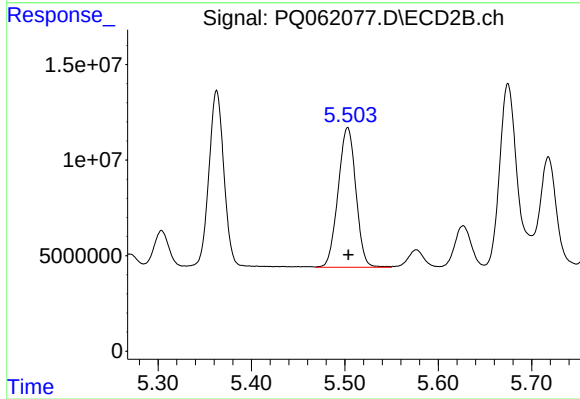
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 104594474
Conc: 502.99 ng/ml



#33 AR-1260-3

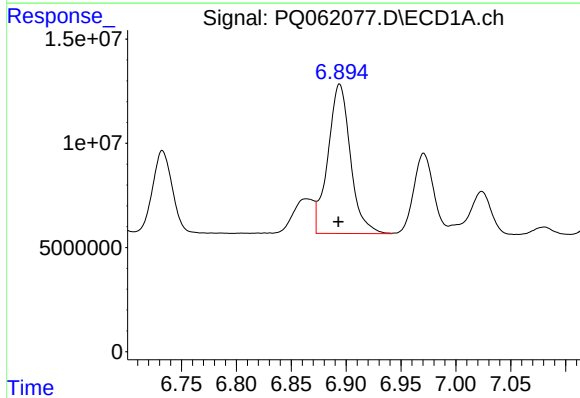
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 86477834
Conc: 489.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



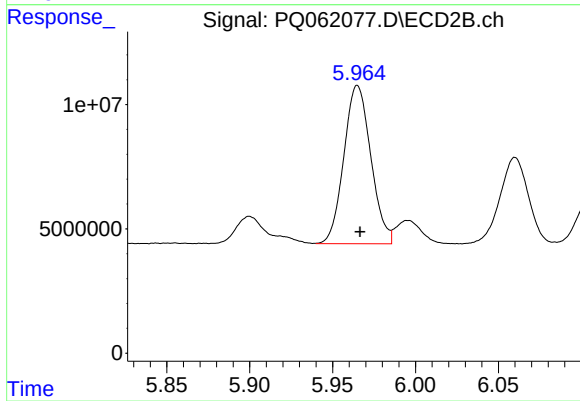
#33 AR-1260-3

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 96768541
Conc: 497.37 ng/ml



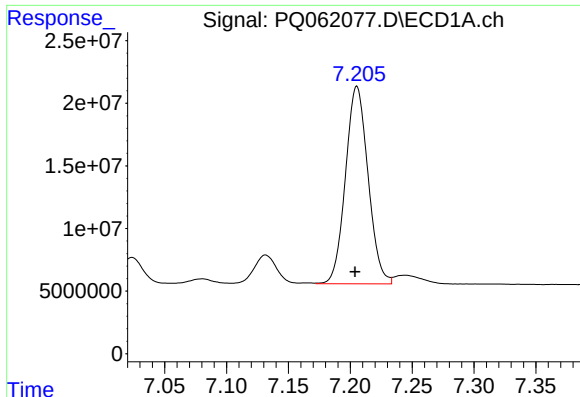
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.001 min
Response: 102291401
Conc: 485.60 ng/ml



#34 AR-1260-4

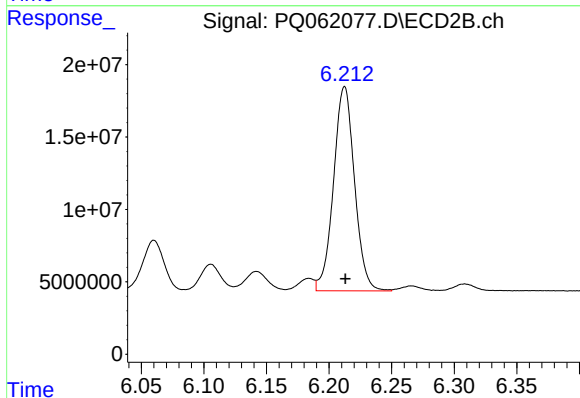
R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 72102689
Conc: 494.32 ng/ml



#35 AR-1260-5

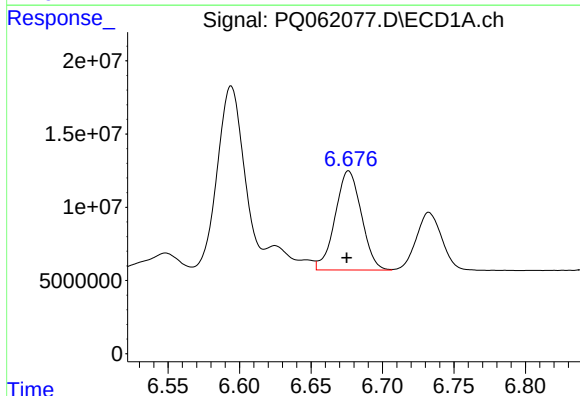
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 200277764
Conc: 487.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



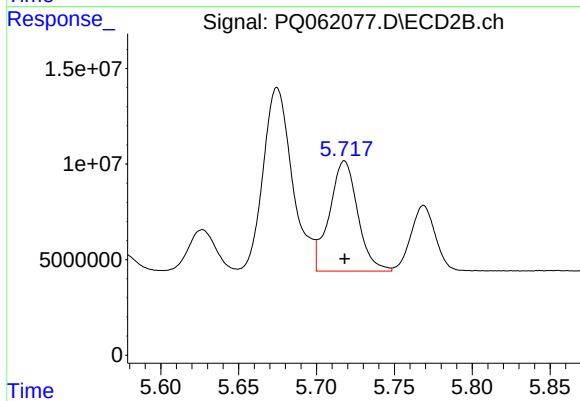
#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 164663860
Conc: 495.89 ng/ml



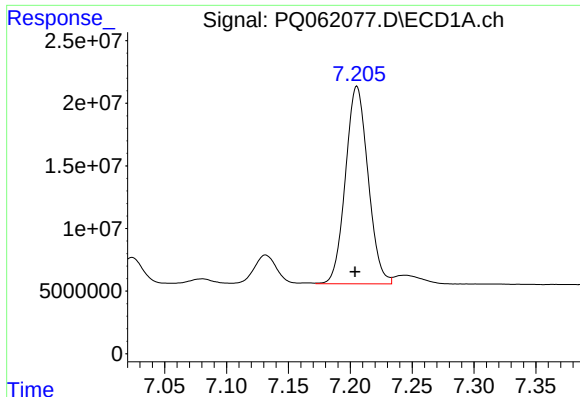
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 86477834
Conc: 283.59 ng/ml



#36 AR-1262-1

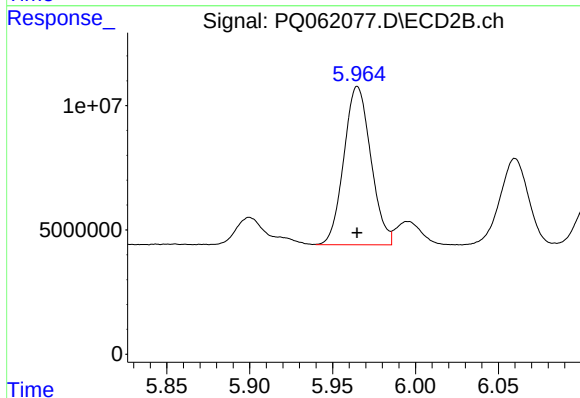
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 73118629
Conc: 314.53 ng/ml



#37 AR-1262-2

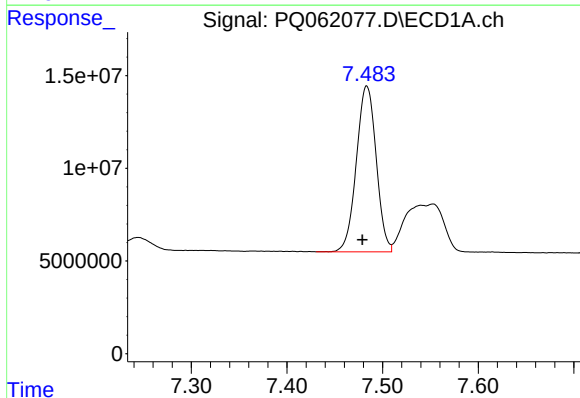
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 200277764
Conc: 380.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



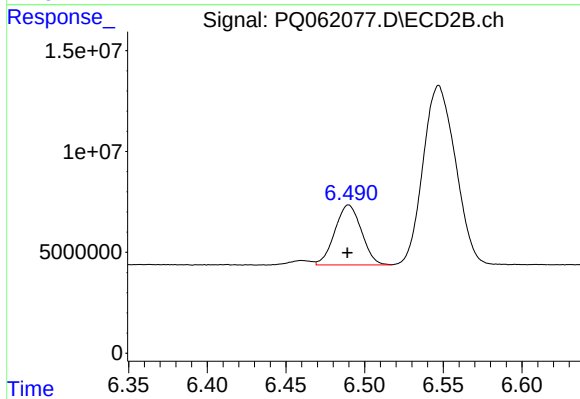
#37 AR-1262-2

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 72102689
Conc: 333.49 ng/ml



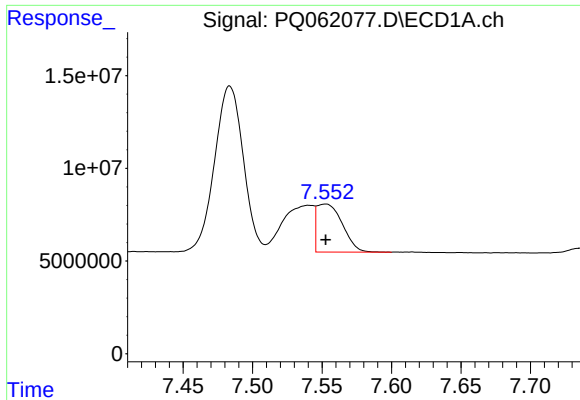
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.004 min
Response: 128874477
Conc: 365.81 ng/ml



#38 AR-1262-3

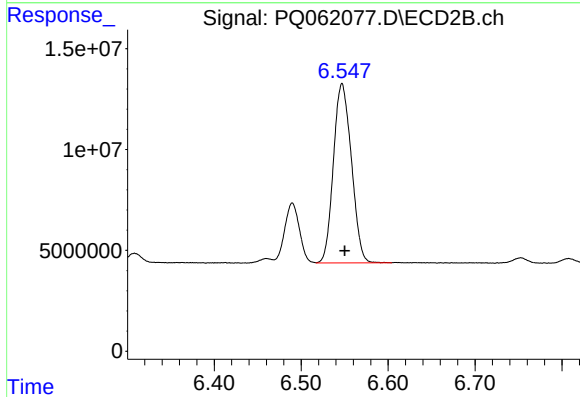
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 34960089
Conc: 200.54 ng/ml



#39 AR-1262-4

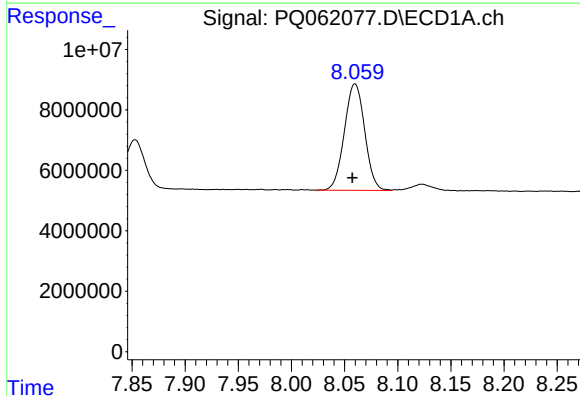
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 32986086
Conc: 123.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



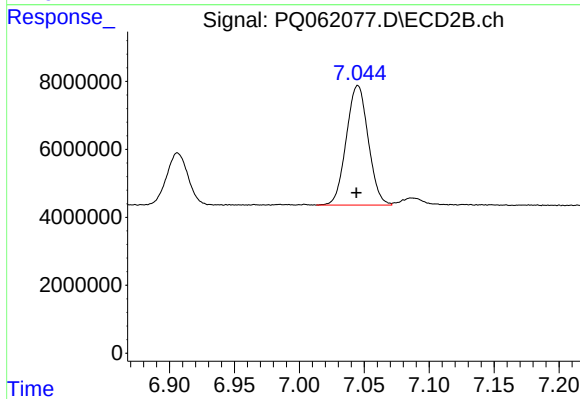
#39 AR-1262-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 127574290
Conc: 395.83 ng/ml



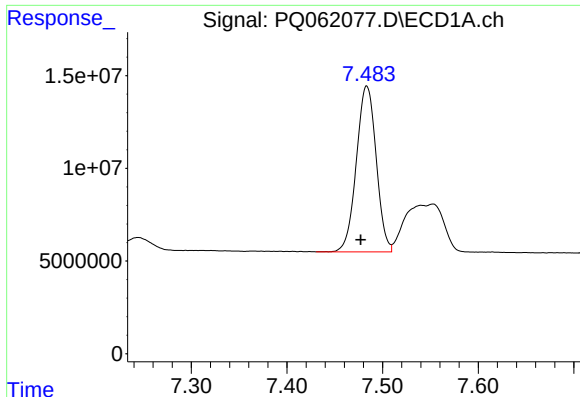
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 46910992
Conc: 264.27 ng/ml



#40 AR-1262-5

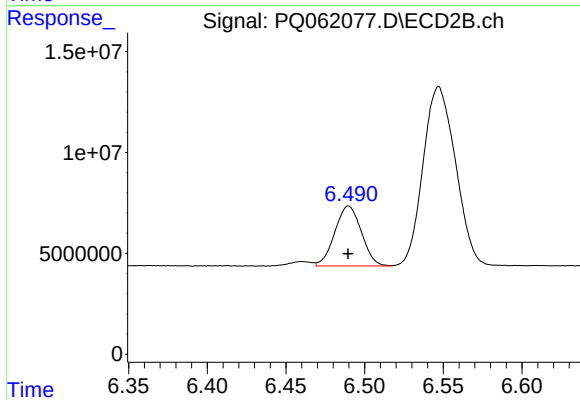
R.T.: 7.045 min
Delta R.T.: 0.001 min
Response: 41409584
Conc: 266.96 ng/ml



#41 AR-1268-1

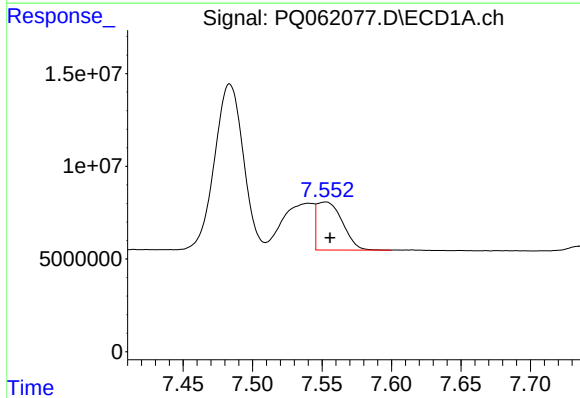
R.T.: 7.484 min
Delta R.T.: 0.006 min
Response: 128874477
Conc: 227.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



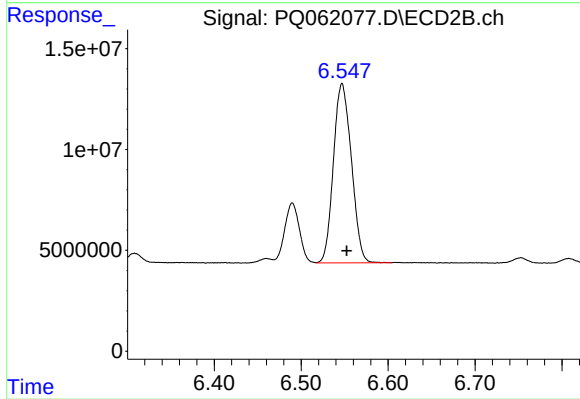
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 34960089
Conc: 74.30 ng/ml



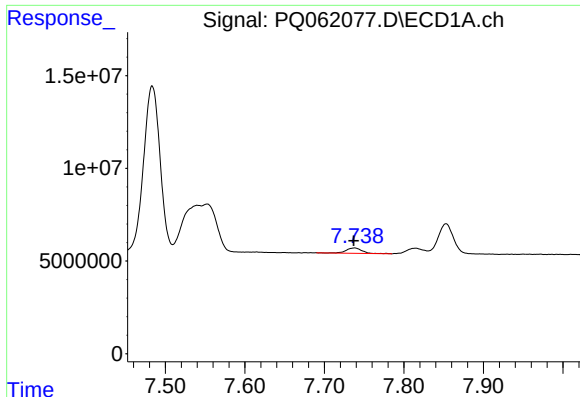
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 32986086
Conc: 64.69 ng/ml



#42 AR-1268-2

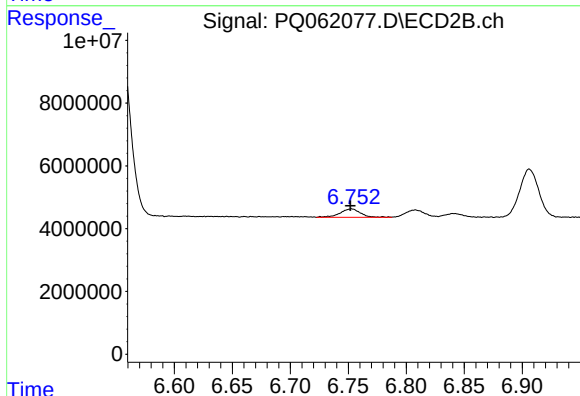
R.T.: 6.547 min
Delta R.T.: -0.005 min
Response: 127574290
Conc: 301.09 ng/ml



#43 AR-1268-3

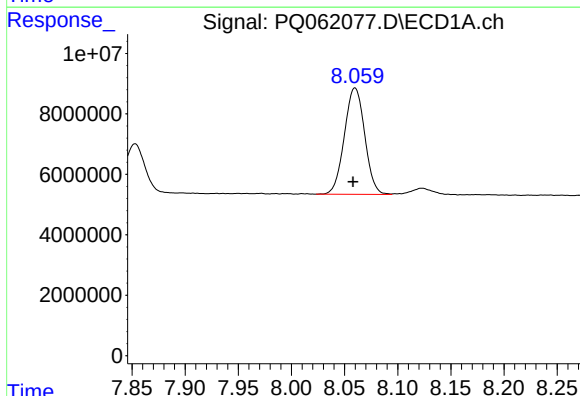
R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 3844332
Conc: 9.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



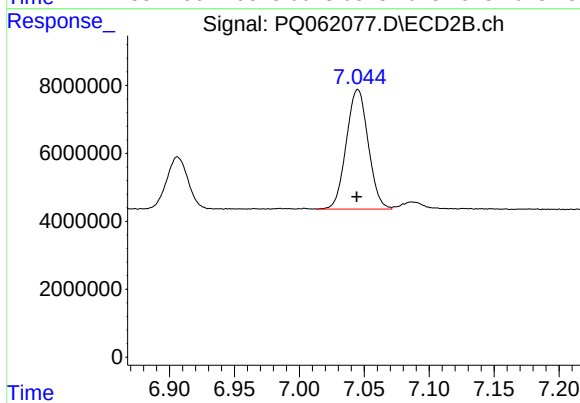
#43 AR-1268-3

R.T.: 6.753 min
Delta R.T.: 0.001 min
Response: 3336029
Conc: 9.06 ng/ml



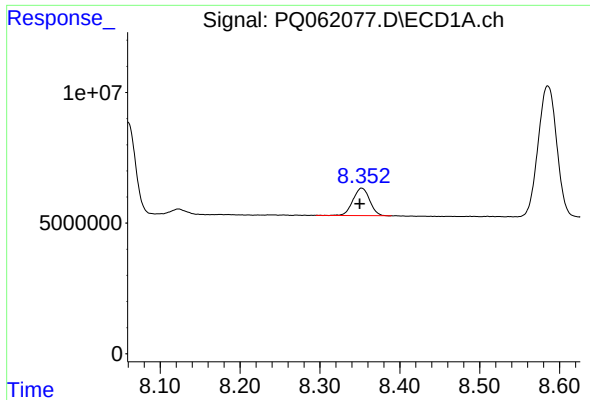
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 46910992
Conc: 256.37 ng/ml



#44 AR-1268-4

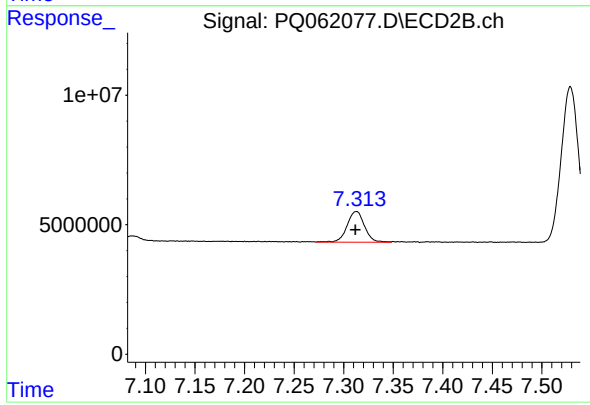
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 41409584
Conc: 258.91 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.003 min
Response: 15247266
Conc: 12.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.001 min
Response: 14512346
Conc: 12.44 ng/ml