

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071223\
 Data File : PQ062142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 19:33
 Operator : YP\AJ
 Sample : PB154129BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 21:03:36 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	2.759	90732100	51207579	18.600	20.409
2)	SA Decachlor...	8.583	7.528	71251227	63817725	19.614	19.152
Target Compounds							
3)	L1 AR-1016-1	4.505	3.760	71895808	44707045	436.478	451.699
4)	L1 AR-1016-2	4.524	3.775	106.9E6	63877435	432.159	442.981
5)	L1 AR-1016-3	4.582	3.935	65768466	34460161	431.536	456.773
6)	L1 AR-1016-4	4.673	3.984	55038134	30181697	439.092	459.532
7)	L1 AR-1016-5	4.960	4.179	53366520	36417195	438.448	444.212
8)	L2 AR-1221-1	3.601	2.960	8150786	4214720	135.603	127.732
9)	L2 AR-1221-2	3.684	3.037	9478424	5544582	210.947	218.290
10)	L2 AR-1221-3	3.753	3.104	40586247	24023677	288.833	311.628
11)	L3 AR-1232-1	3.753	3.104	40586247	24023677	384.335	419.271
12)	L3 AR-1232-2	4.246	3.775	54638607	63877435	923.712	959.770
13)	L3 AR-1232-3	4.524	3.935	106.9E6	34460161	944.983	997.256
14)	L3 AR-1232-4	4.673	4.021	55038134	32701028	971.265	1099.570
15)	L3 AR-1232-5	4.771	4.179	43719603	36417195	1091.625	1021.209
16)	L4 AR-1242-1	4.505	3.760	71895808	44707045	550.066	578.065
17)	L4 AR-1242-2	4.524	3.775	106.9E6	63877435	550.428	574.651
18)	L4 AR-1242-3	4.582	3.935	65768466	34460161	544.242	588.298
19)	L4 AR-1242-4	4.673	4.021	55038134	32701028	564.576	557.770
20)	L4 AR-1242-5	5.389	4.515	7788544	30770921	81.359	371.214 #
21)	L5 AR-1248-1	4.505	3.760	71895808	44707045	691.448	715.080
22)	L5 AR-1248-2	4.771	3.984	43719603	30181697	304.322	321.874
23)	L5 AR-1248-3	4.960	4.021	53366520	32701028	307.211	361.163
24)	L5 AR-1248-4	5.353	4.179	8538273	36417195	44.486	322.735 #
25)	L5 AR-1248-5	5.389	4.553	7788544	5014141	43.002	44.756
26)	L6 AR-1254-1	5.327	4.515	42301989	30770921	227.649	190.576
27)	L6 AR-1254-2	5.545	4.662	48252625	29856180	165.980	202.793
28)	L6 AR-1254-3	5.897	5.044	26523617	15914038	86.357	68.096
29)	L6 AR-1254-4	6.180	5.269	15978014	6685992	68.813	43.867 #
30)	L6 AR-1254-5	6.594	5.674	150.7E6	115.8E6	586.661	501.675
31)	L7 AR-1260-1	6.063	5.172	104.3E6	78337252	442.126	470.344
32)	L7 AR-1260-2	6.323	5.362	126.6E6	94789342	438.427	455.836
33)	L7 AR-1260-3	6.676	5.503	78293106	89103595	443.395	457.978
34)	L7 AR-1260-4	6.893	5.964	92402277	65591216	438.654	449.681
35)	L7 AR-1260-5	7.204	6.212	179.9E6	147.1E6	438.116	443.018
36)	L8 AR-1262-1	6.676	5.717	78293106	66578959	256.748	286.396
37)	L8 AR-1262-2	7.204	5.964	179.9E6	65591216	341.541	303.372
38)	L8 AR-1262-3	7.483	6.489	115.2E6	31900587	326.965	182.992 #
39)	L8 AR-1262-4	7.553	6.547	28707545	116.6E6	107.632	361.861 #
40)	L8 AR-1262-5	8.059	7.044	42011161	37477635	236.671	241.612
41)	L9 AR-1268-1	7.483	6.489	115.2E6	31900587	202.987	67.796 #

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 ALS Vial : 32 Sample Multiplier: 1

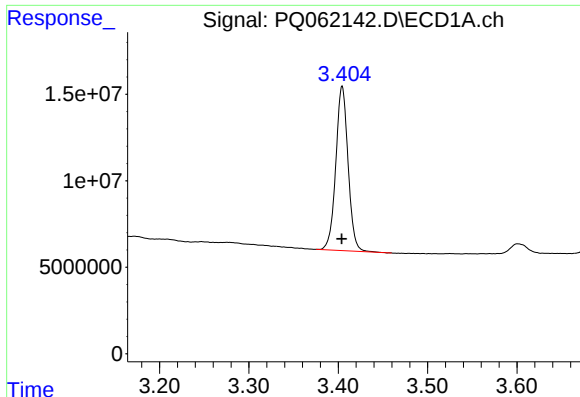
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	7.553	6.547	28707545	116.6E6	56.303	275.254 #
43) L9	AR-1268-3	7.737	6.752	3385165	2876087	7.932	7.809
44) L9	AR-1268-4	8.059	7.044	42011161	37477635	229.588	234.328
45) L9	AR-1268-5	8.350	7.312	13596174	12930611	10.784	11.081

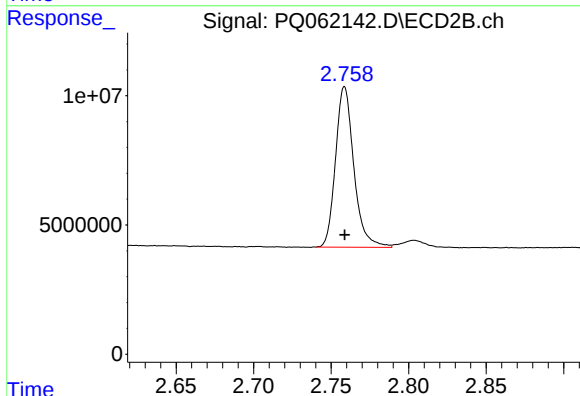
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

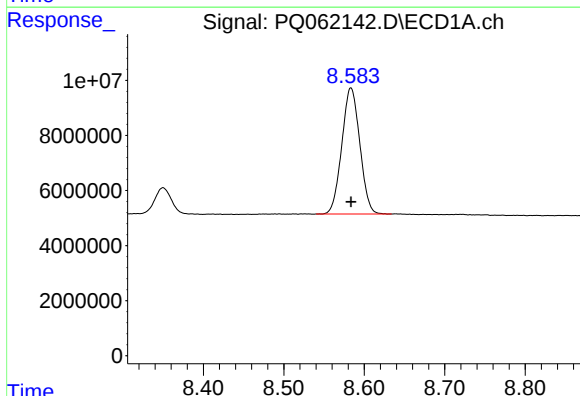
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 90732100
Conc: 18.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



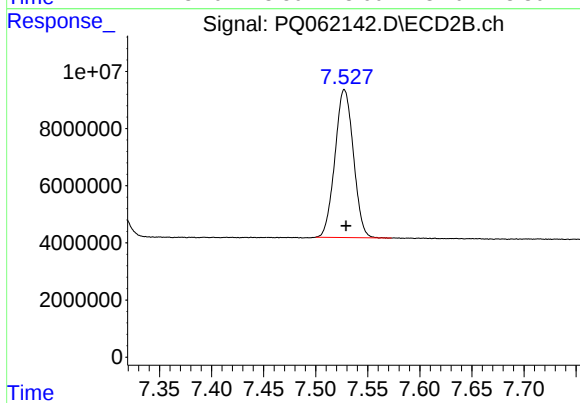
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 51207579
Conc: 20.41 ng/ml



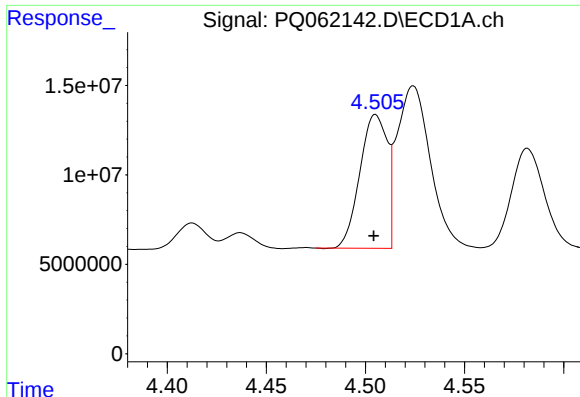
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 71251227
Conc: 19.61 ng/ml



#2 Decachlorobiphenyl

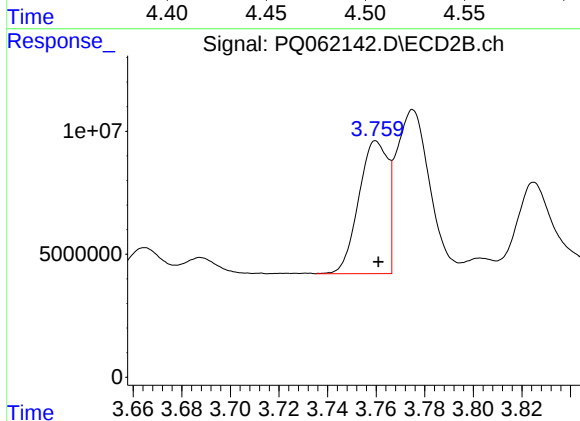
R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 63817725
Conc: 19.15 ng/ml



#3 AR-1016-1

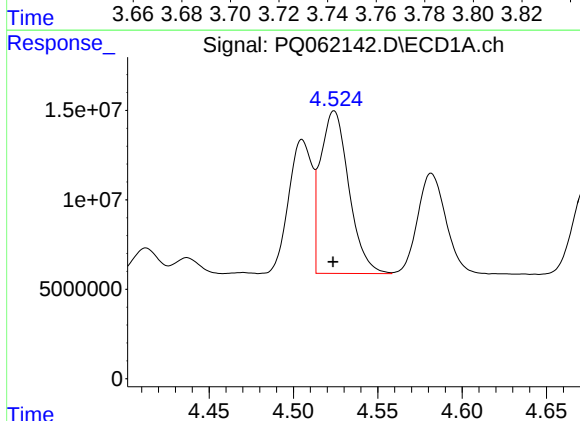
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 71895808
Conc: 436.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



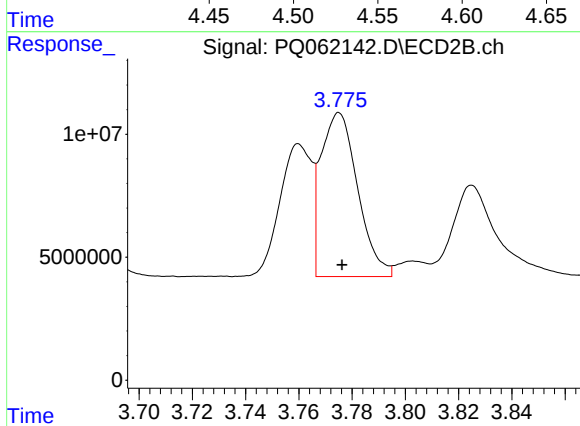
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: -0.001 min
Response: 44707045
Conc: 451.70 ng/ml



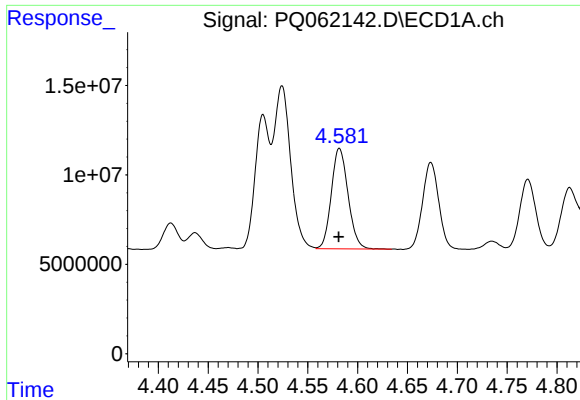
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 106859202
Conc: 432.16 ng/ml



#4 AR-1016-2

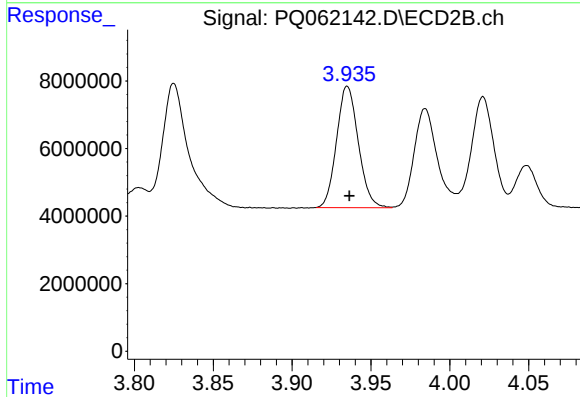
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 63877435
Conc: 442.98 ng/ml



#5 AR-1016-3

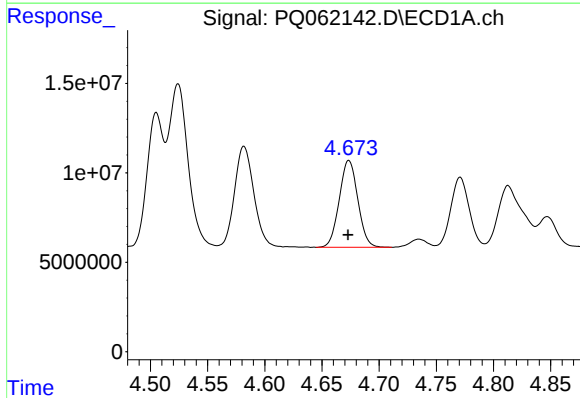
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 65768466
Conc: 431.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



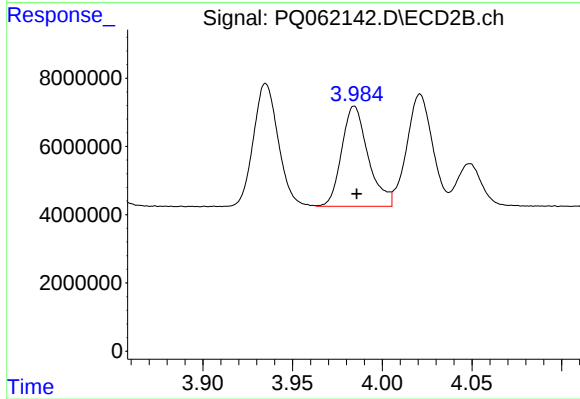
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 34460161
Conc: 456.77 ng/ml



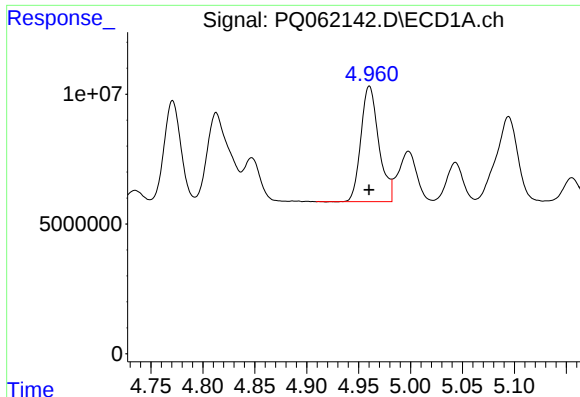
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 55038134
Conc: 439.09 ng/ml



#6 AR-1016-4

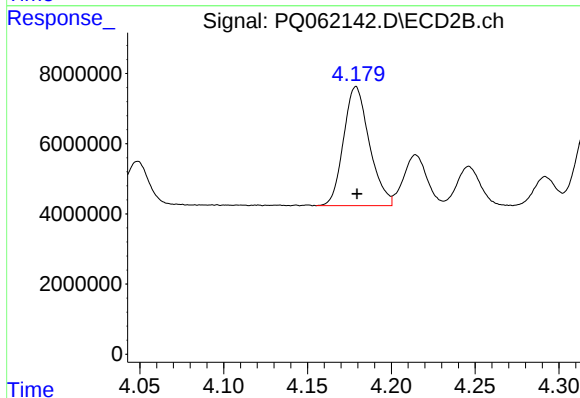
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 30181697
Conc: 459.53 ng/ml



#7 AR-1016-5

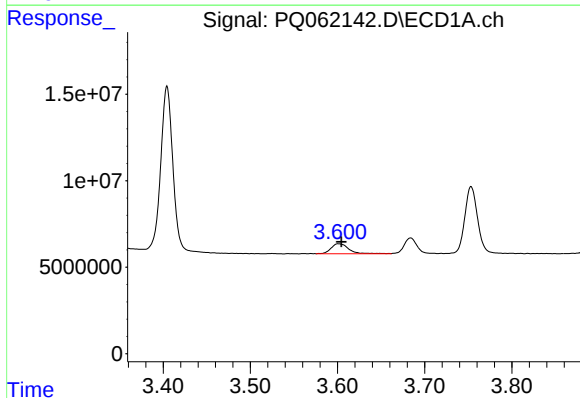
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 53366520
Conc: 438.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



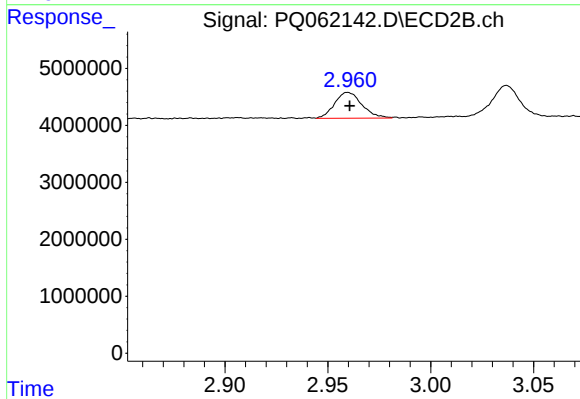
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 36417195
Conc: 444.21 ng/ml



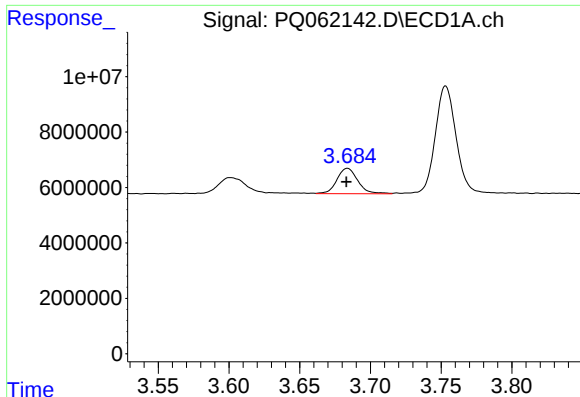
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 8150786
Conc: 135.60 ng/ml



#8 AR-1221-1

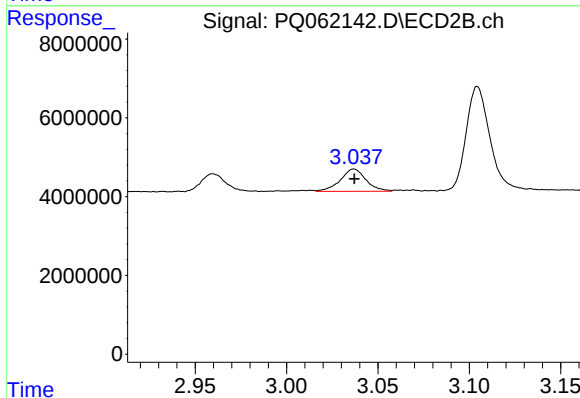
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 4214720
Conc: 127.73 ng/ml



#9 AR-1221-2

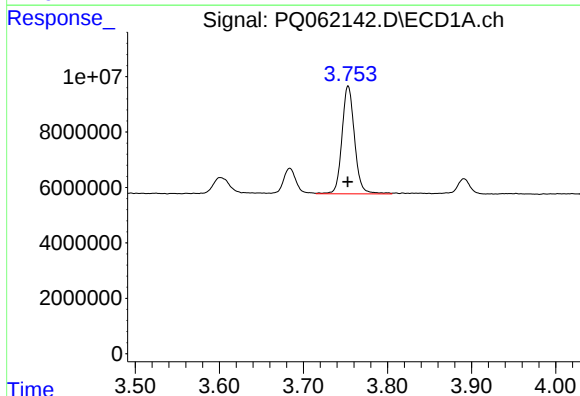
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 9478424
Conc: 210.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



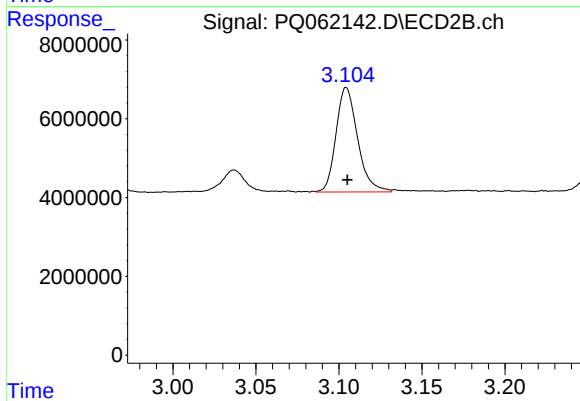
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 5544582
Conc: 218.29 ng/ml



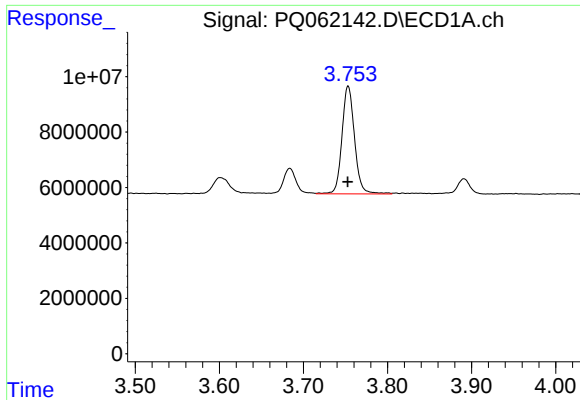
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 40586247
Conc: 288.83 ng/ml



#10 AR-1221-3

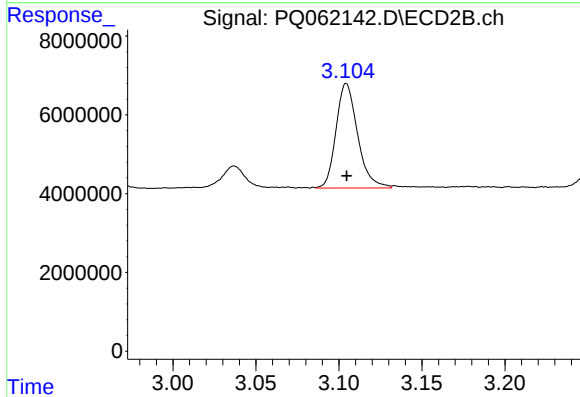
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 24023677
Conc: 311.63 ng/ml



#11 AR-1232-1

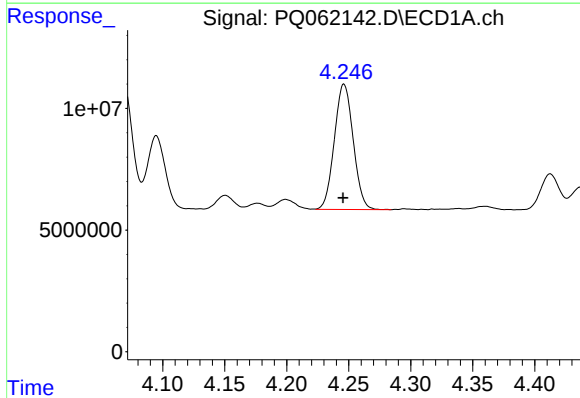
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 40586247
Conc: 384.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



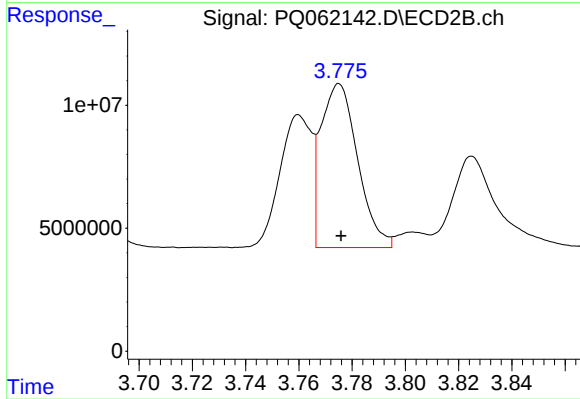
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 24023677
Conc: 419.27 ng/ml



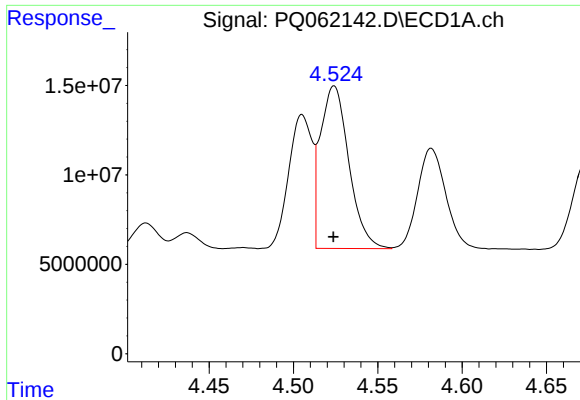
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 54638607
Conc: 923.71 ng/ml



#12 AR-1232-2

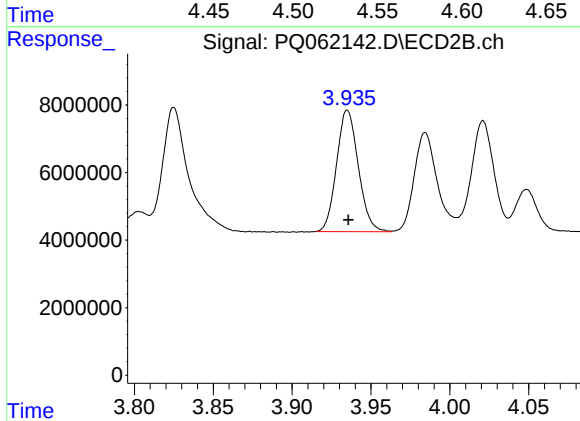
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 63877435
Conc: 959.77 ng/ml



#13 AR-1232-3

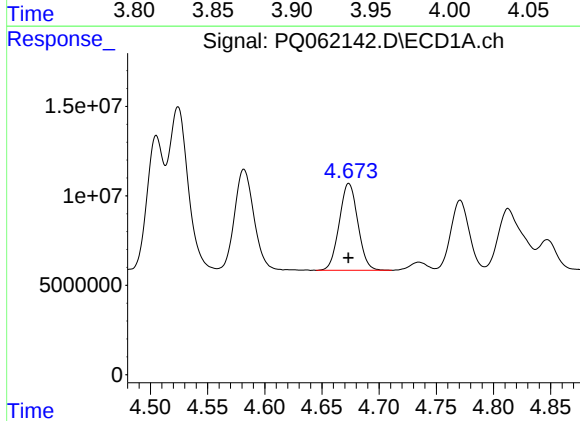
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 106859202
Conc: 944.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



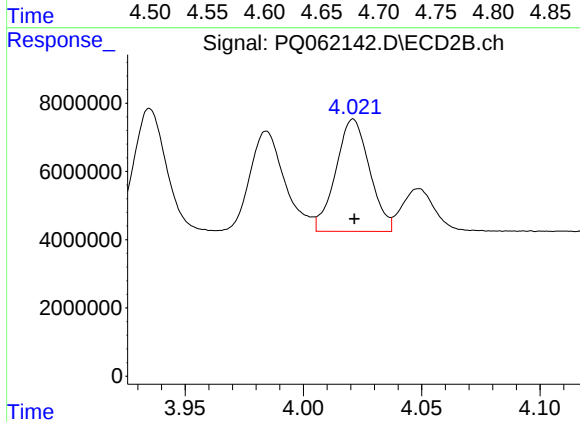
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 34460161
Conc: 997.26 ng/ml



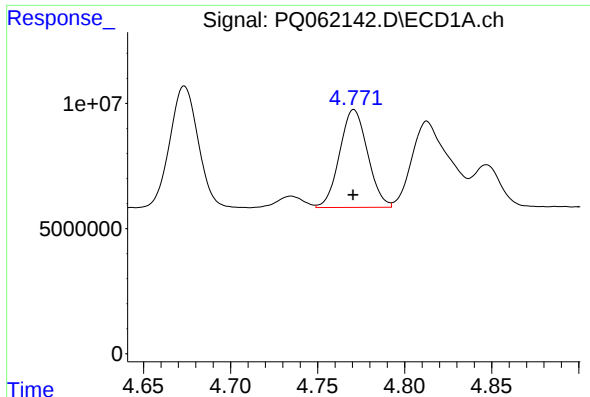
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 55038134
Conc: 971.27 ng/ml



#14 AR-1232-4

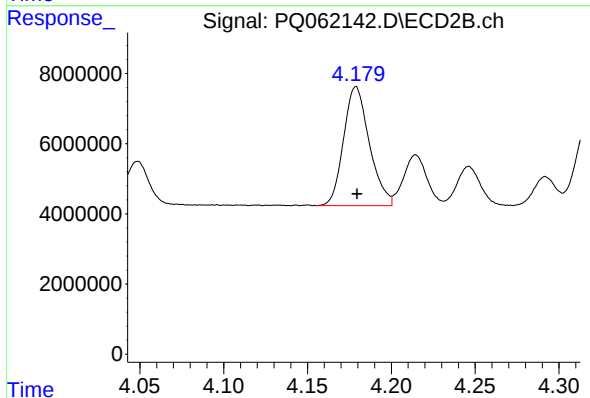
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 32701028
Conc: 1099.57 ng/ml



#15 AR-1232-5

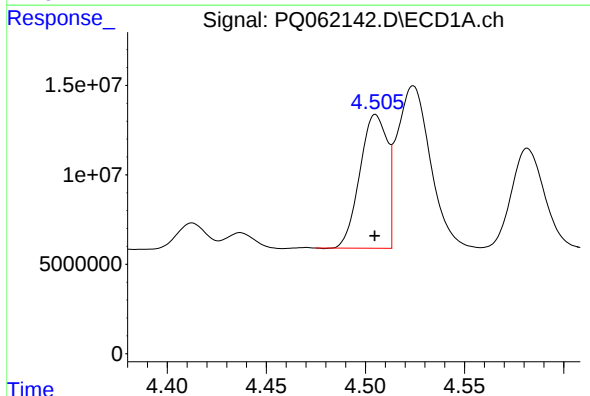
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 43719603
Conc: 1091.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



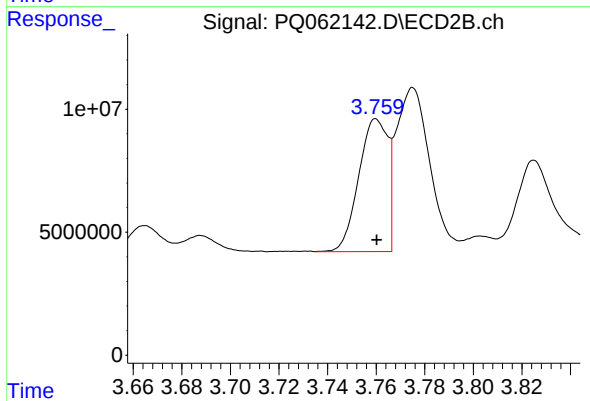
#15 AR-1232-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 36417195
Conc: 1021.21 ng/ml



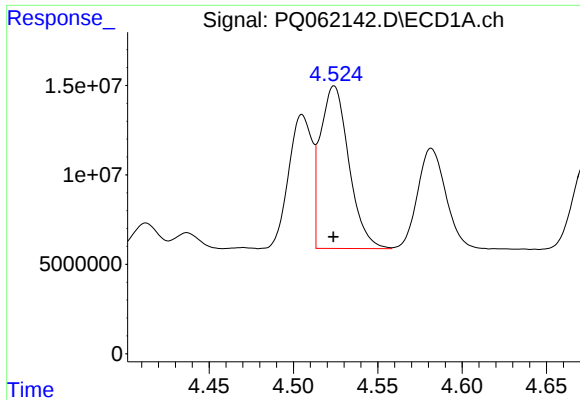
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 71895808
Conc: 550.07 ng/ml



#16 AR-1242-1

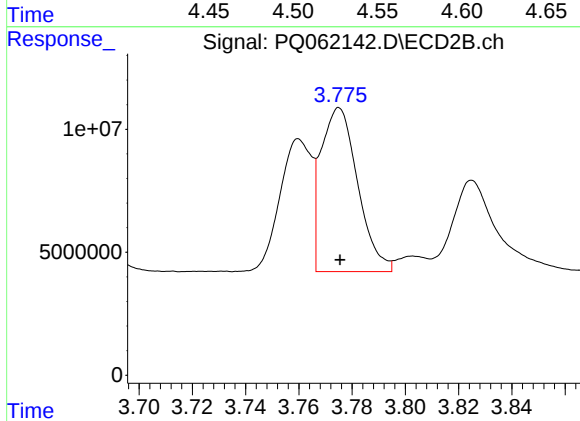
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 44707045
Conc: 578.07 ng/ml



#17 AR-1242-2

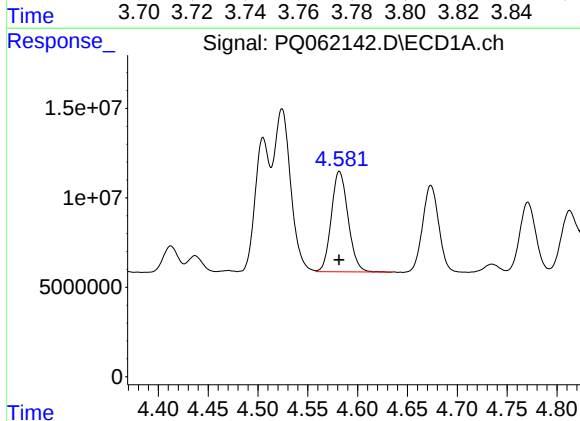
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 106859202
Conc: 550.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



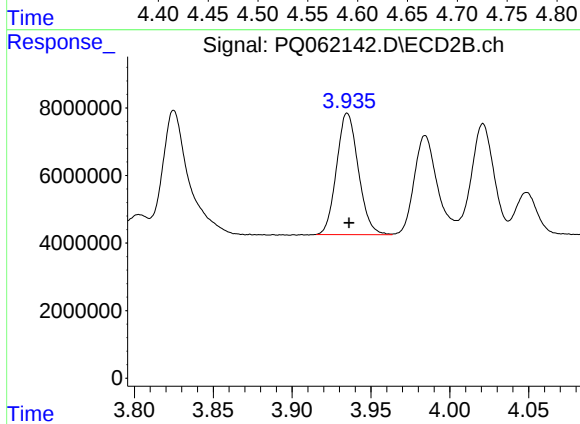
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 63877435
Conc: 574.65 ng/ml



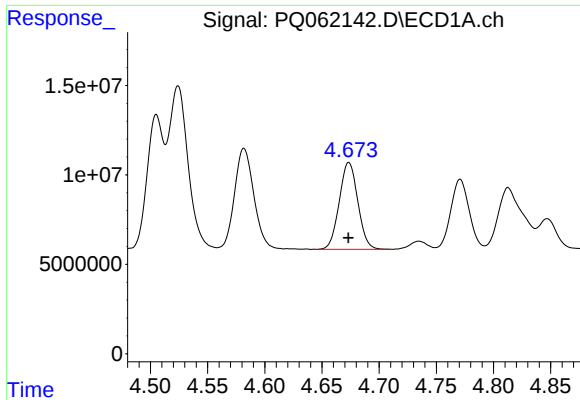
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 65768466
Conc: 544.24 ng/ml



#18 AR-1242-3

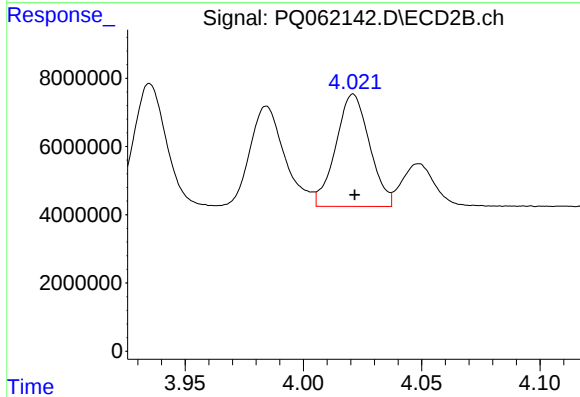
R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 34460161
Conc: 588.30 ng/ml



#19 AR-1242-4

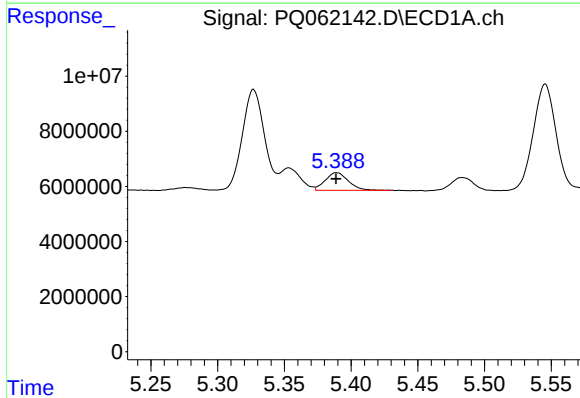
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 55038134
Conc: 564.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



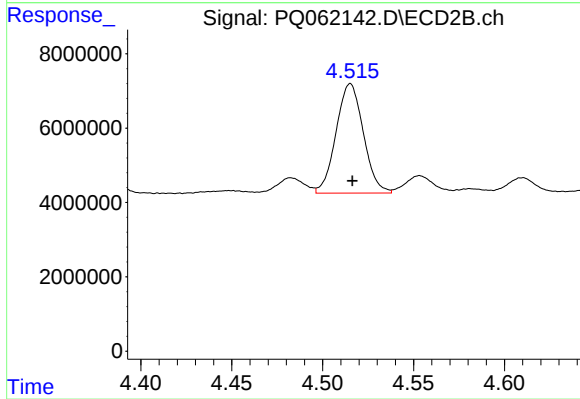
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 32701028
Conc: 557.77 ng/ml



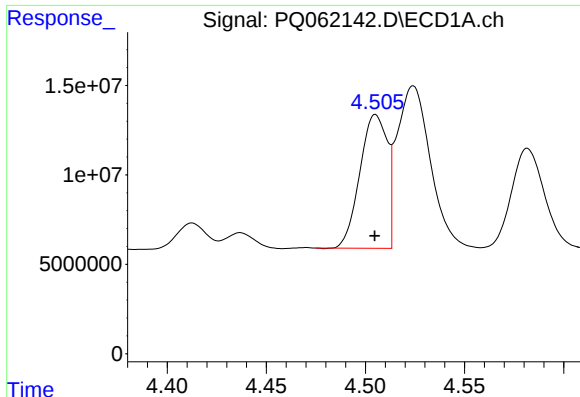
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 7788544
Conc: 81.36 ng/ml



#20 AR-1242-5

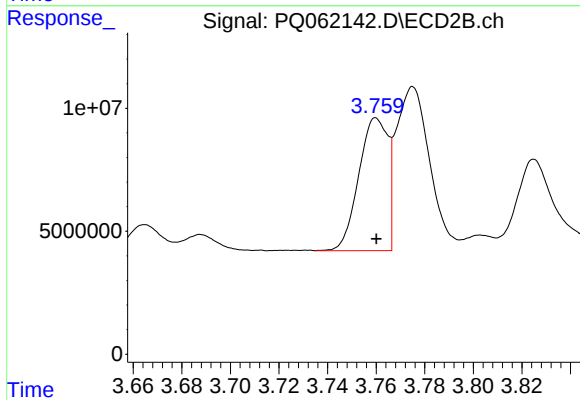
R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 30770921
Conc: 371.21 ng/ml



#21 AR-1248-1

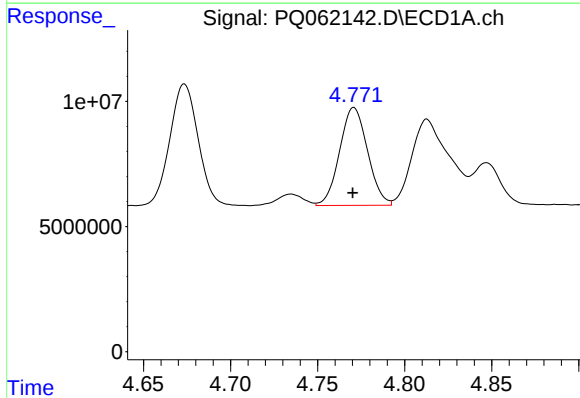
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 71895808
Conc: 691.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



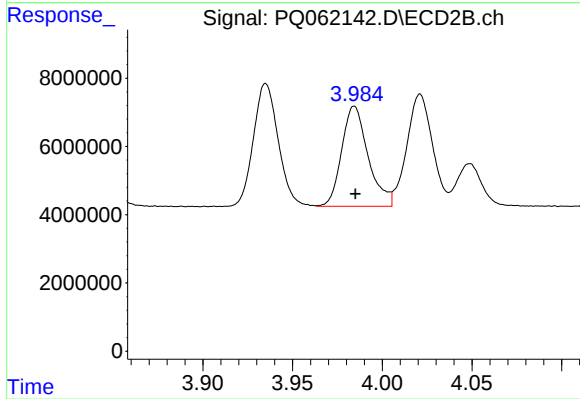
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 44707045
Conc: 715.08 ng/ml



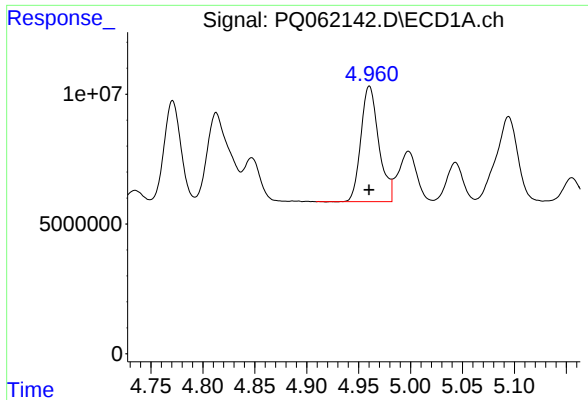
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 43719603
Conc: 304.32 ng/ml



#22 AR-1248-2

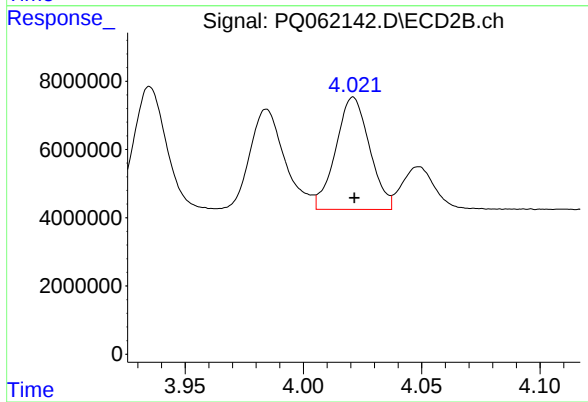
R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 30181697
Conc: 321.87 ng/ml



#23 AR-1248-3

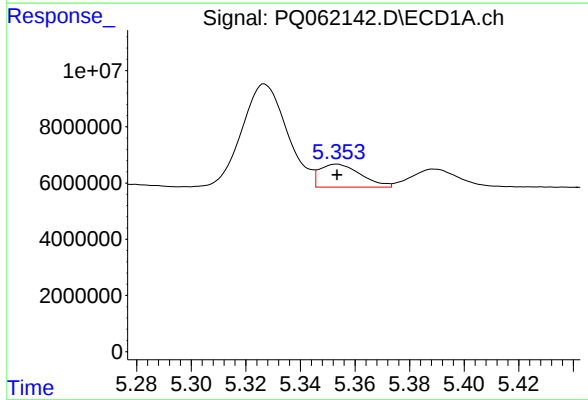
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 53366520
Conc: 307.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



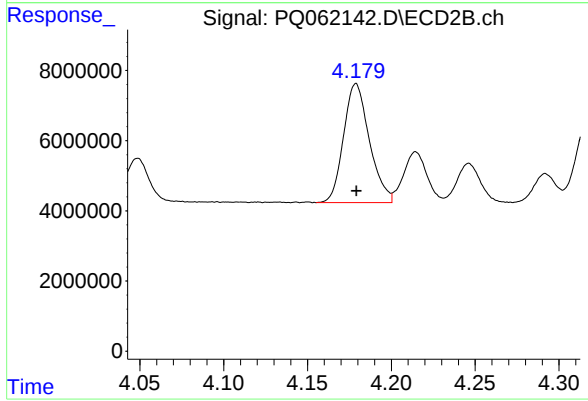
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 32701028
Conc: 361.16 ng/ml



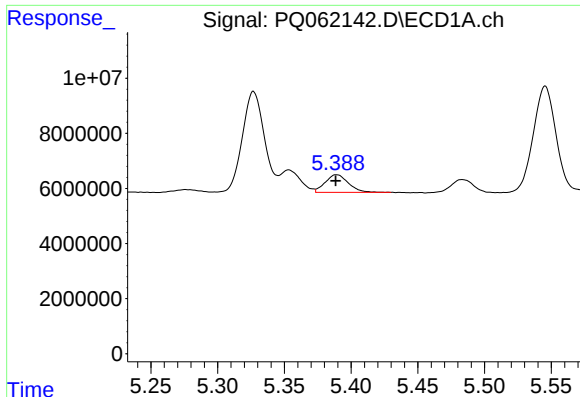
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 8538273
Conc: 44.49 ng/ml



#24 AR-1248-4

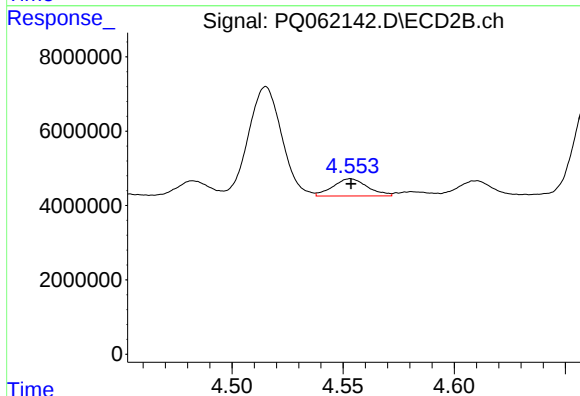
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 36417195
Conc: 322.73 ng/ml



#25 AR-1248-5

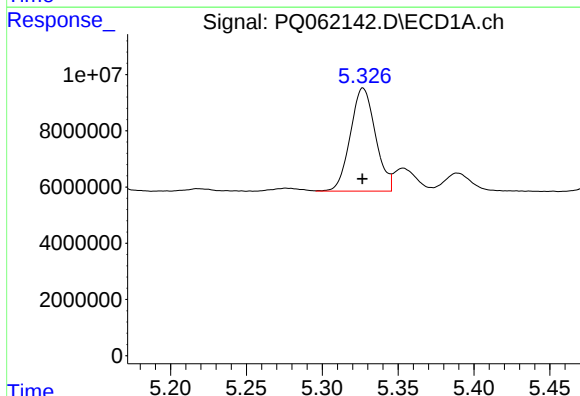
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 7788544
Conc: 43.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



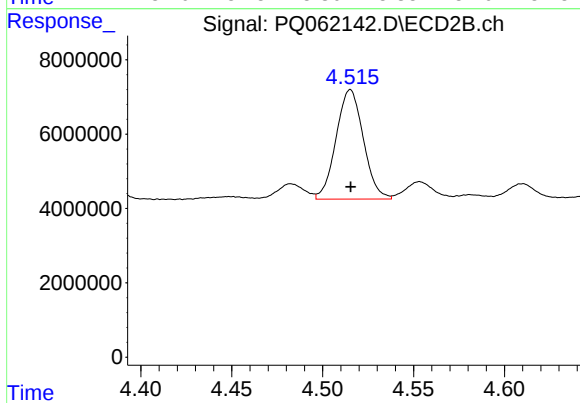
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 5014141
Conc: 44.76 ng/ml



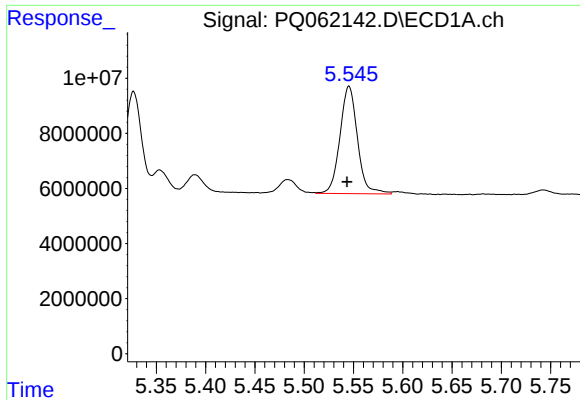
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 42301989
Conc: 227.65 ng/ml



#26 AR-1254-1

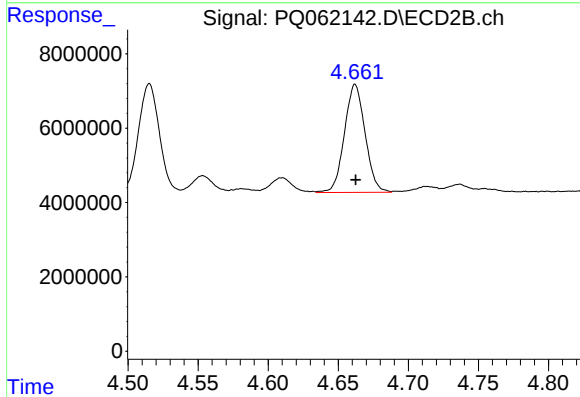
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 30770921
Conc: 190.58 ng/ml



#27 AR-1254-2

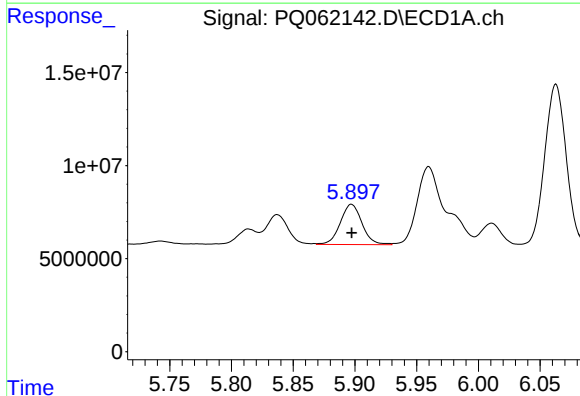
R.T.: 5.545 min
Delta R.T.: 0.002 min
Response: 48252625
Conc: 165.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



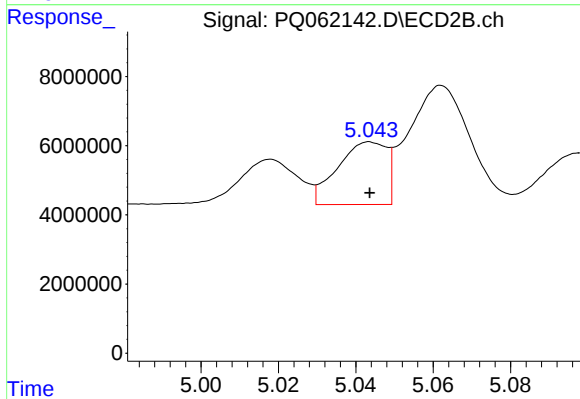
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 29856180
Conc: 202.79 ng/ml



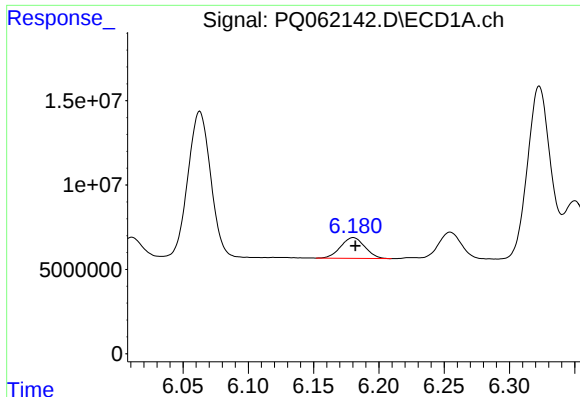
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 26523617
Conc: 86.36 ng/ml



#28 AR-1254-3

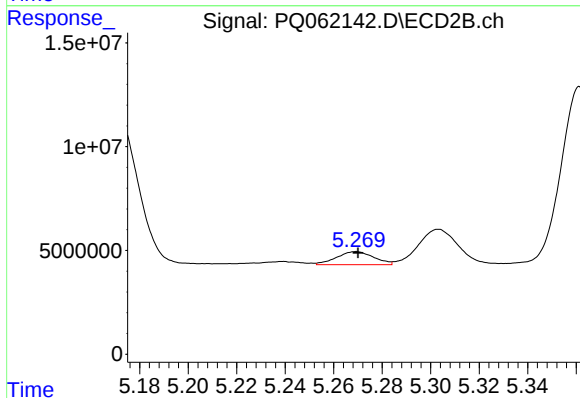
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 15914038
Conc: 68.10 ng/ml



#29 AR-1254-4

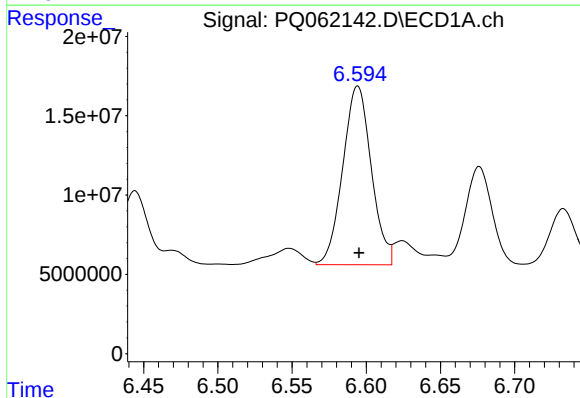
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 15978014
Conc: 68.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



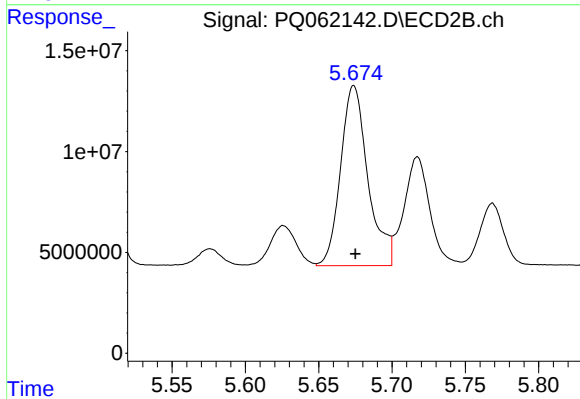
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 6685992
Conc: 43.87 ng/ml



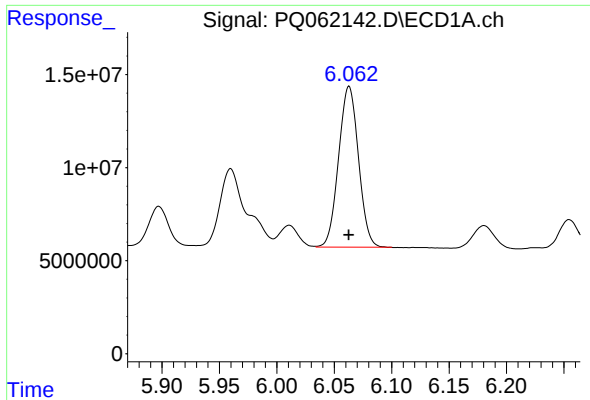
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 150695656
Conc: 586.66 ng/ml



#30 AR-1254-5

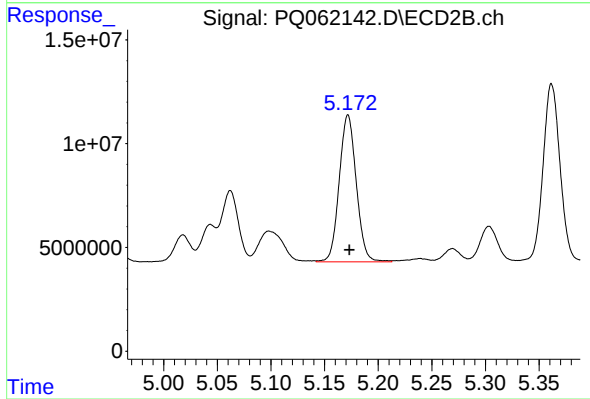
R.T.: 5.674 min
Delta R.T.: -0.001 min
Response: 115784771
Conc: 501.67 ng/ml



#31 AR-1260-1

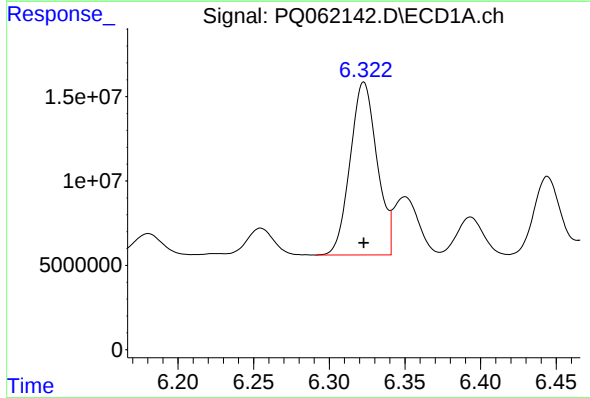
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 104311608
Conc: 442.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



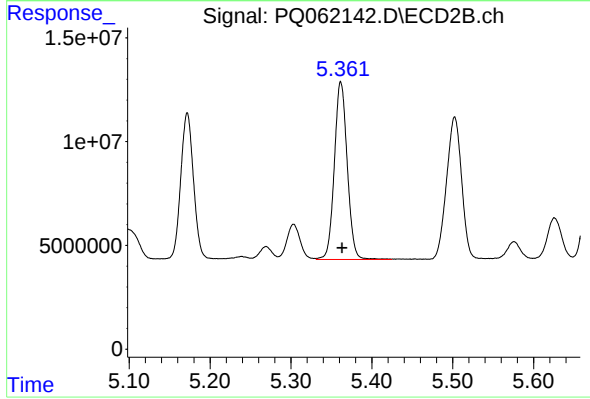
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 78337252
Conc: 470.34 ng/ml



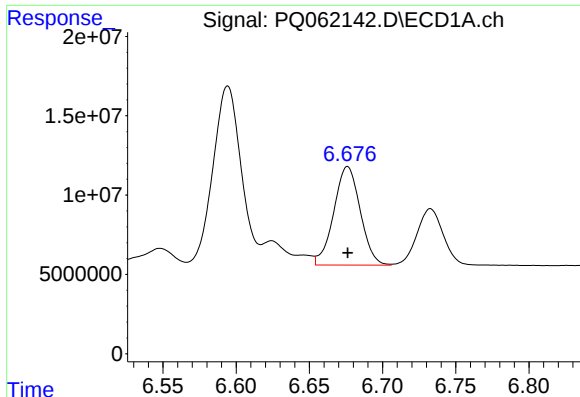
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 126623323
Conc: 438.43 ng/ml



#32 AR-1260-2

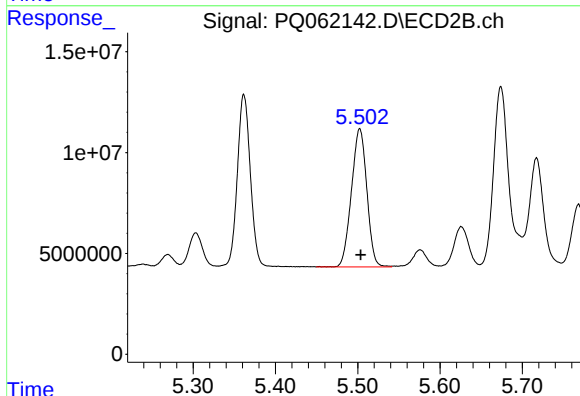
R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 94789342
Conc: 455.84 ng/ml



#33 AR-1260-3

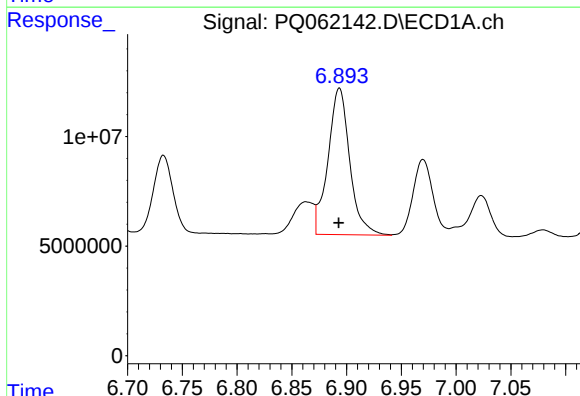
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 78293106
Conc: 443.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



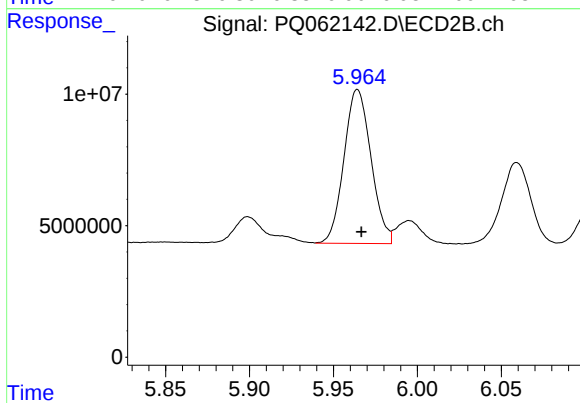
#33 AR-1260-3

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 89103595
Conc: 457.98 ng/ml



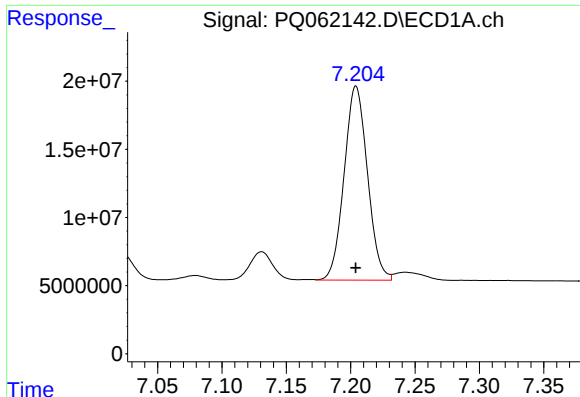
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 92402277
Conc: 438.65 ng/ml



#34 AR-1260-4

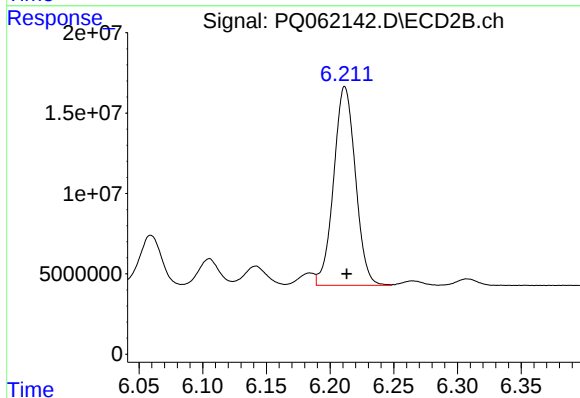
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 65591216
Conc: 449.68 ng/ml



#35 AR-1260-5

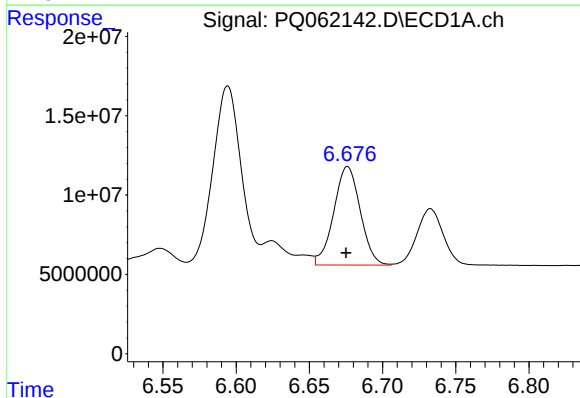
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 179894298
Conc: 438.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



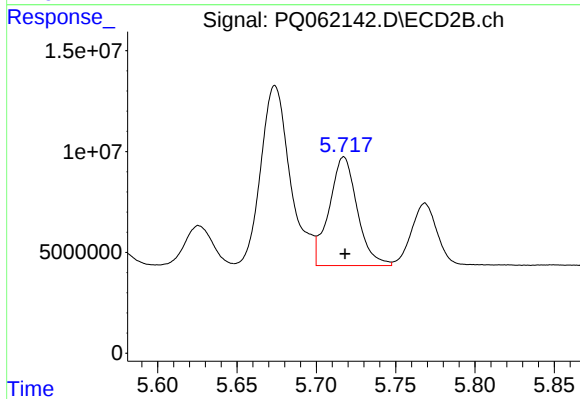
#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 147108067
Conc: 443.02 ng/ml



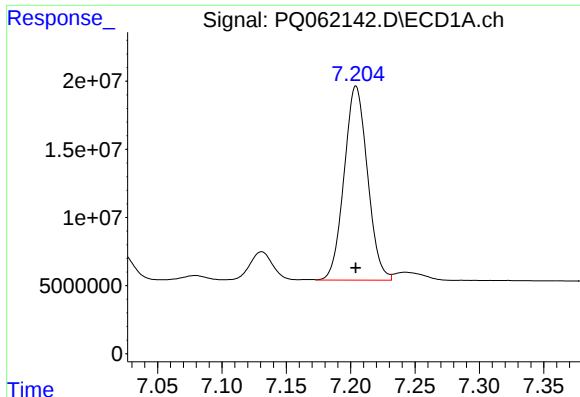
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 78293106
Conc: 256.75 ng/ml



#36 AR-1262-1

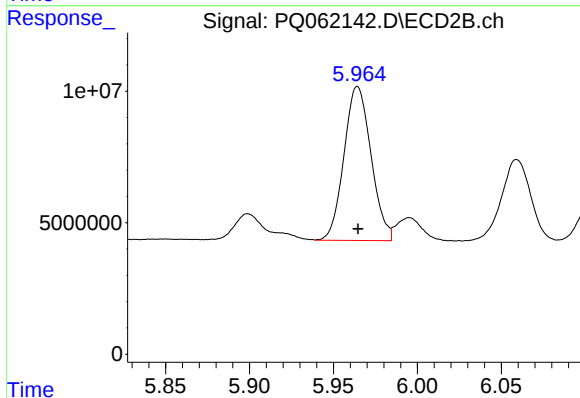
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 66578959
Conc: 286.40 ng/ml



#37 AR-1262-2

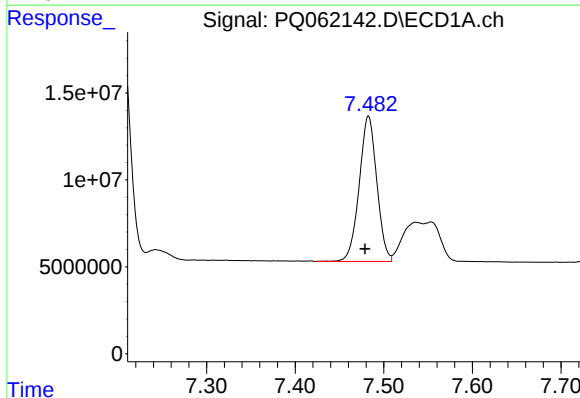
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 179894298
Conc: 341.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



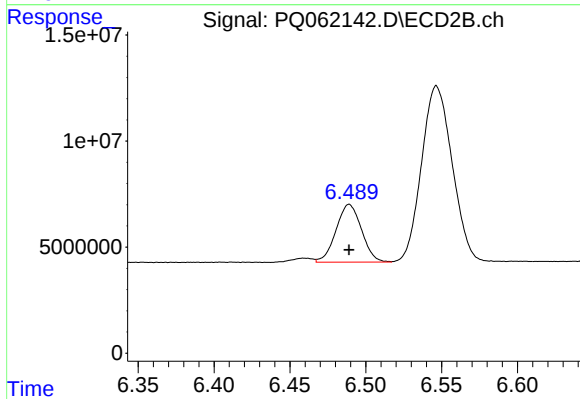
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 65591216
Conc: 303.37 ng/ml



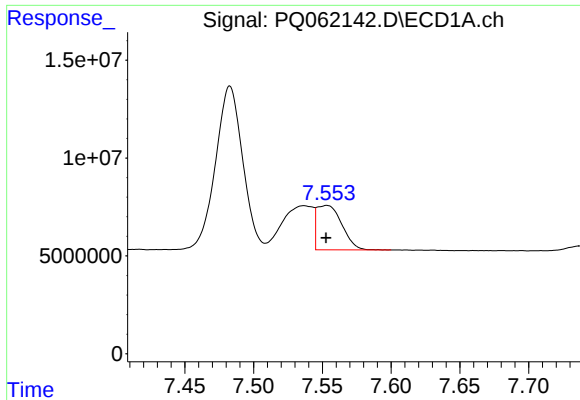
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 115190894
Conc: 326.97 ng/ml



#38 AR-1262-3

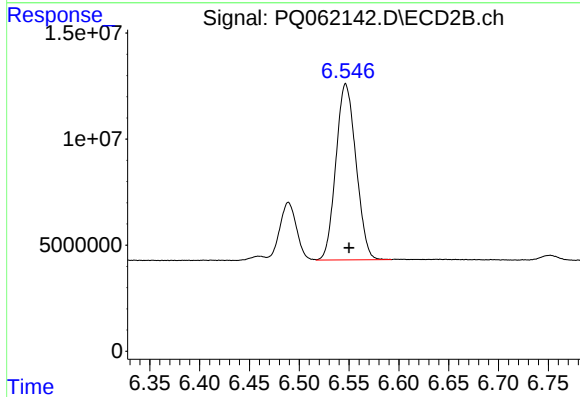
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 31900587
Conc: 182.99 ng/ml



#39 AR-1262-4

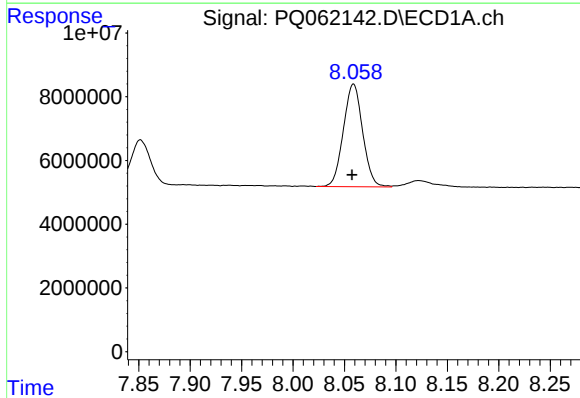
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 28707545
Conc: 107.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



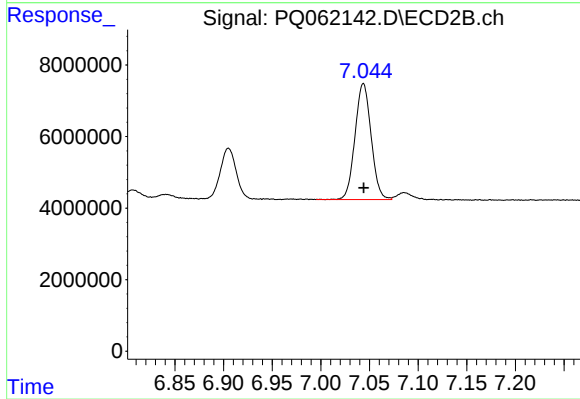
#39 AR-1262-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 116625606
Conc: 361.86 ng/ml



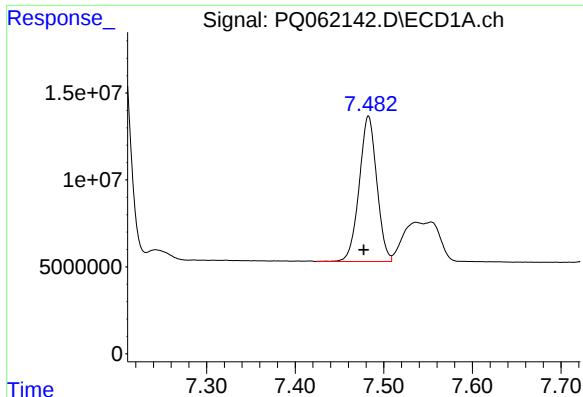
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 42011161
Conc: 236.67 ng/ml



#40 AR-1262-5

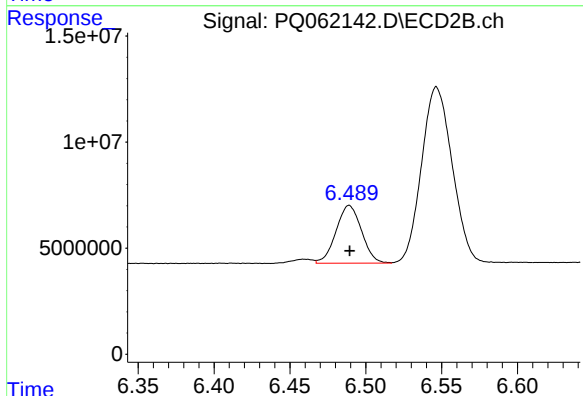
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 37477635
Conc: 241.61 ng/ml



#41 AR-1268-1

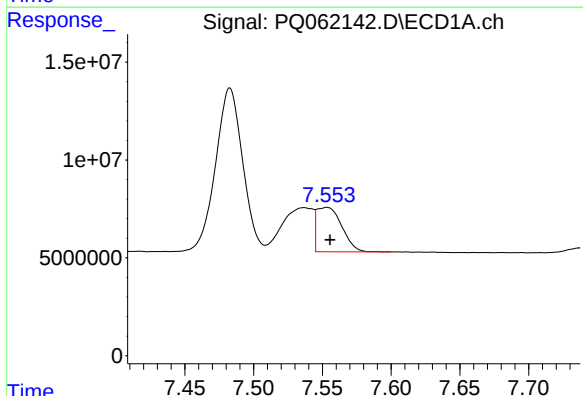
R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 115190894
Conc: 202.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



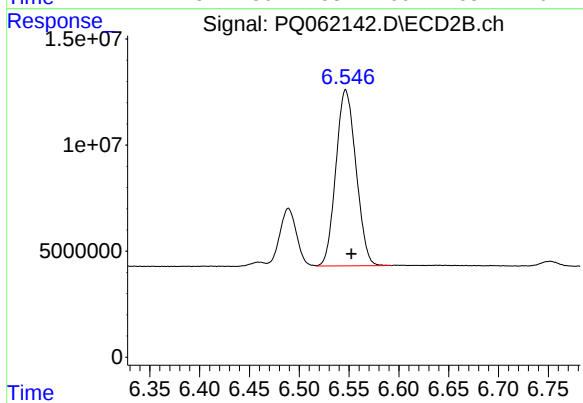
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 31900587
Conc: 67.80 ng/ml



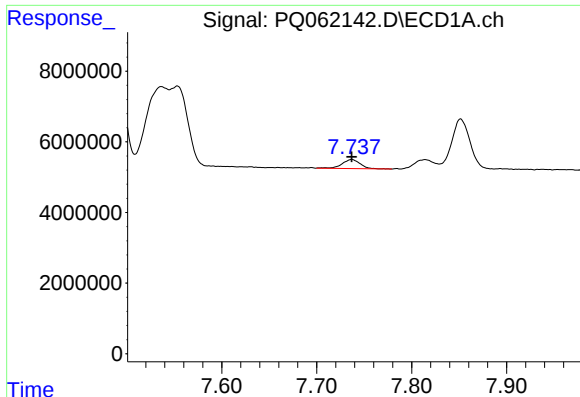
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 28707545
Conc: 56.30 ng/ml



#42 AR-1268-2

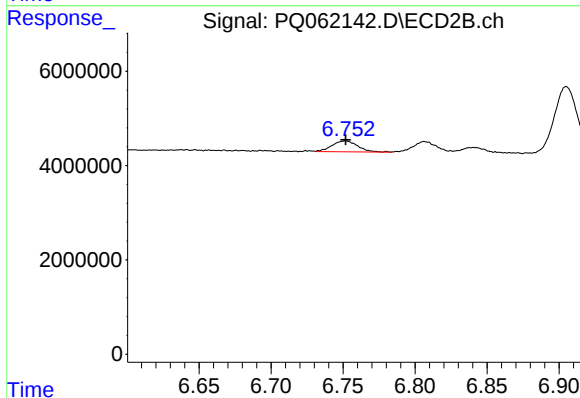
R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 116625606
Conc: 275.25 ng/ml



#43 AR-1268-3

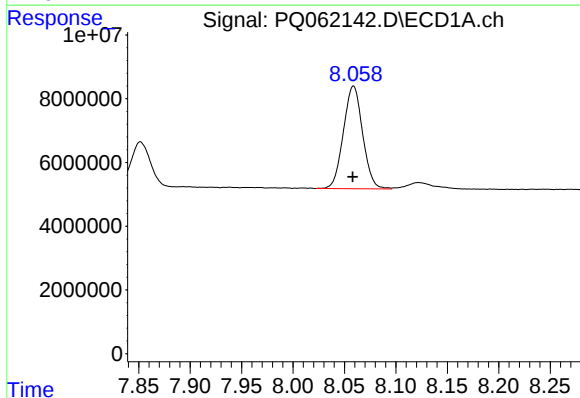
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3385165
Conc: 7.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



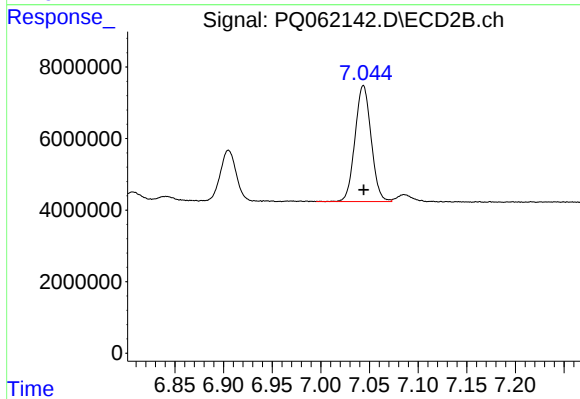
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2876087
Conc: 7.81 ng/ml



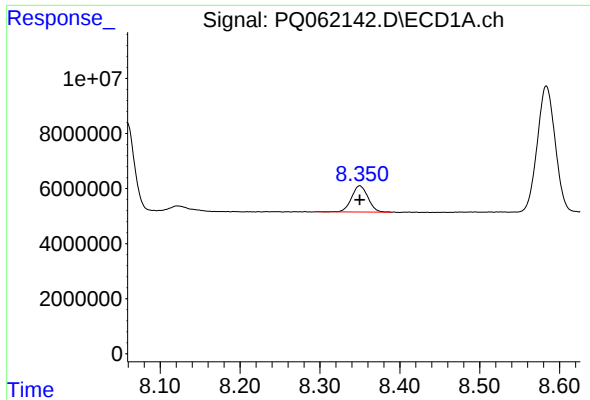
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 42011161
Conc: 229.59 ng/ml



#44 AR-1268-4

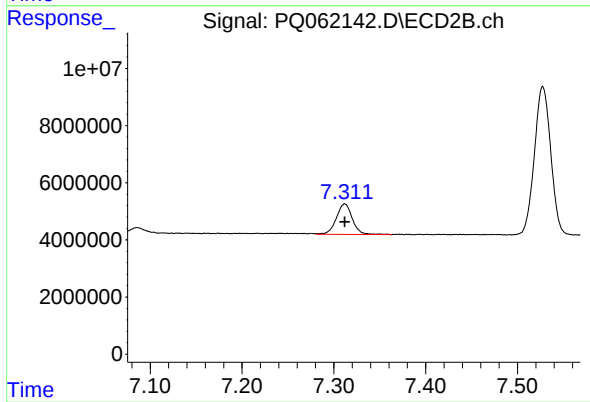
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 37477635
Conc: 234.33 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 13596174
Conc: 10.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 12930611
Conc: 11.08 ng/ml