

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061523\
 Data File : PQ061449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 14:50
 Operator : YP\AJ
 Sample : PB153457BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 20:56:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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	2.760	111.5E6	58808561	24.815	22.023
2)	SA Decachlor...	8.586	7.534	89120640	82845012	26.456	24.682
Target Compounds							
3)	L1 AR-1016-1	4.505	3.763	71548107	45541603	464.754	441.545
4)	L1 AR-1016-2	4.524	3.778	107.1E6	66705925	469.612	447.738
5)	L1 AR-1016-3	4.582	3.939	66497293	35309027	467.956	446.804
6)	L1 AR-1016-4	4.674	3.988	54811767	30334420	476.054	427.201
7)	L1 AR-1016-5	4.961	4.182	53257837	37252160	460.817	435.120
8)	L2 AR-1221-1	3.601	2.961	7073969	3953029	126.072	111.021
9)	L2 AR-1221-2	3.683	3.039	8936669	5126074	211.769	186.116
10)	L2 AR-1221-3	3.753	3.107	38252403	23354718	291.822	275.603
11)	L3 AR-1232-1	3.753	3.107	38252403	23354718	400.178	379.241
12)	L3 AR-1232-2	4.246	3.778	53187509	66705925	968.177	968.188
13)	L3 AR-1232-3	4.524	3.939	107.1E6	35309027	1025.742	976.461
14)	L3 AR-1232-4	4.674	4.025	54811767	33807065	1033.062	1048.904
15)	L3 AR-1232-5	4.771	4.182	42844383	37252160	1136.080	972.024
16)	L4 AR-1242-1	4.505	3.763	71548107	45541603	630.554	594.622
17)	L4 AR-1242-2	4.524	3.778	107.1E6	66705925	631.036	601.908
18)	L4 AR-1242-3	4.582	3.939	66497293	35309027	621.582	596.613
19)	L4 AR-1242-4	4.674	4.025	54811767	33807065	631.544	564.528
20)	L4 AR-1242-5	5.390	4.519	7031466	30757462	79.283	384.132 #
21)	L5 AR-1248-1	4.505	3.763	71548107	45541603	794.061	731.762
22)	L5 AR-1248-2	4.771	3.988	42844383	30334420	337.025	313.838
23)	L5 AR-1248-3	4.961	4.025	53257837	33807065	345.739	369.827
24)	L5 AR-1248-4	5.356	4.182	7025694	37252160	41.389	328.992 #
25)	L5 AR-1248-5	5.390	4.557	7031466	4569001	42.920	41.485
26)	L6 AR-1254-1	5.327	4.519	40732150	30757462	238.477	187.037
27)	L6 AR-1254-2	5.546	4.666	47614125	30241989	178.074	201.069
28)	L6 AR-1254-3	5.898	5.047	26729505	15771648	95.653	67.777 #
29)	L6 AR-1254-4	6.181	5.273	16003864	6217682	78.188	43.277 #
30)	L6 AR-1254-5	6.596	5.679	153.4E6	117.9E6	650.373	517.068
31)	L7 AR-1260-1	6.064	5.176	103.5E6	76873501	465.727	446.914
32)	L7 AR-1260-2	6.324	5.367	127.2E6	95215638	478.121	459.461
33)	L7 AR-1260-3	6.677	5.508	78262952	89915977	465.442	452.719
34)	L7 AR-1260-4	6.894	5.970	94373512	66274204	470.232	450.521
35)	L7 AR-1260-5	7.206	6.217	186.7E6	153.9E6	490.451	474.072
36)	L8 AR-1262-1	6.677	5.722	78262952	66015632	261.402	272.401
37)	L8 AR-1262-2	7.206	6.217	186.7E6	153.9E6	370.229	352.215
38)	L8 AR-1262-3	7.484	6.495	119.4E6	31757293	353.421	176.217 #
39)	L8 AR-1262-4	7.554	6.552	30263868	118.6E6	117.843	357.663 #
40)	L8 AR-1262-5	8.060	7.049	42441770	38339300	249.205	238.993
41)	L9 AR-1268-1	7.484	6.495	119.4E6	31757293	216.862	64.640 #

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 Data File : PQ061449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 14:50
 Operator : YP\AJ
 Sample : PB153457BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

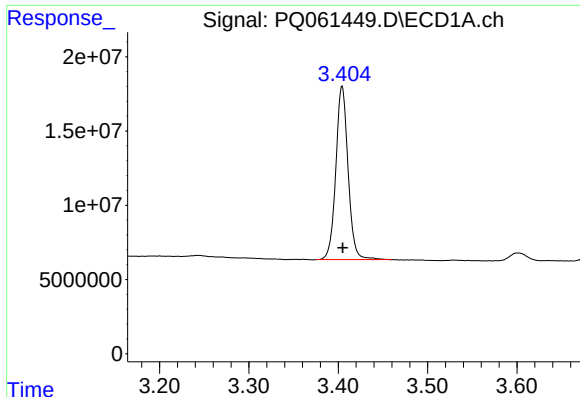
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 20:56:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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	7.554	6.552	30263868	118.6E6	61.420	266.609 #
43) L9	AR-1268-3	7.737	6.758	3329579	3354077	8.075	8.568
44) L9	AR-1268-4	8.060	7.049	42441770	38339300	239.774	228.374
45) L9	AR-1268-5	8.352	7.318	13572415	13401149	11.419	10.807

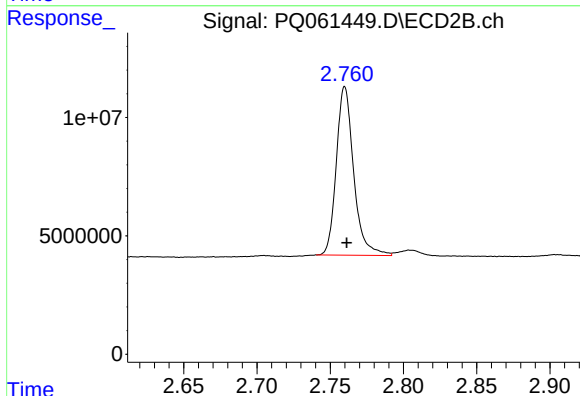
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

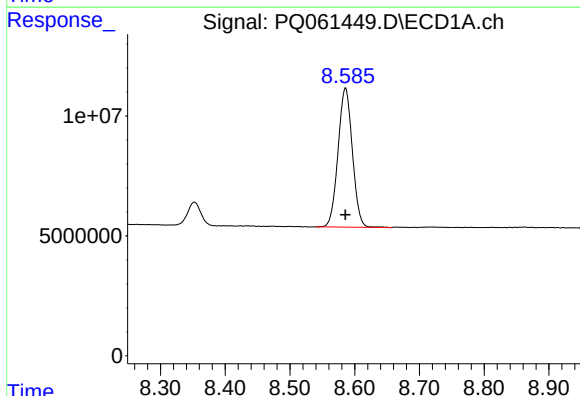
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 111543458
Conc: 24.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



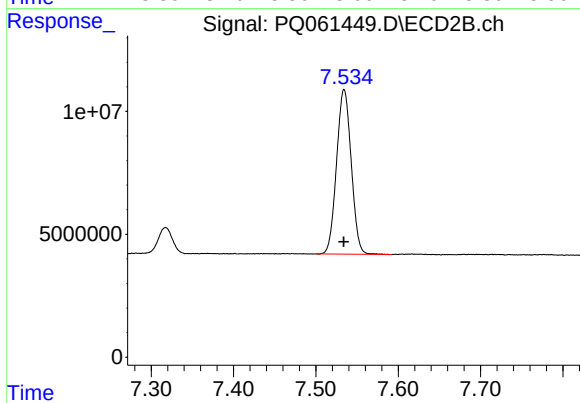
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 58808561
Conc: 22.02 ng/ml



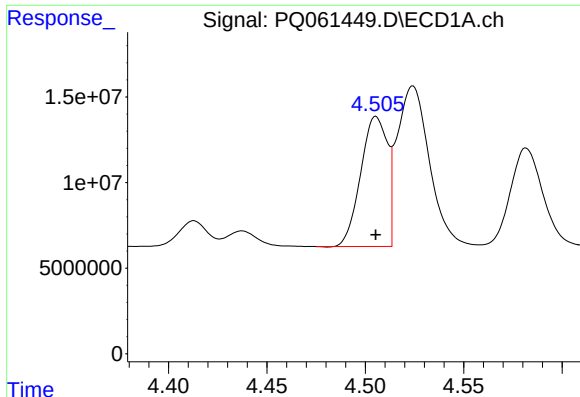
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 89120640
Conc: 26.46 ng/ml



#2 Decachlorobiphenyl

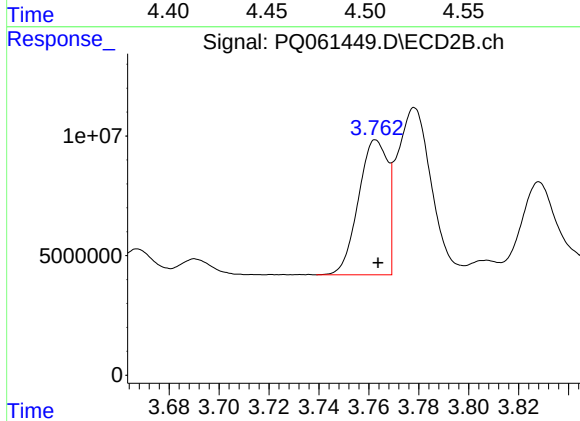
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 82845012
Conc: 24.68 ng/ml



#3 AR-1016-1

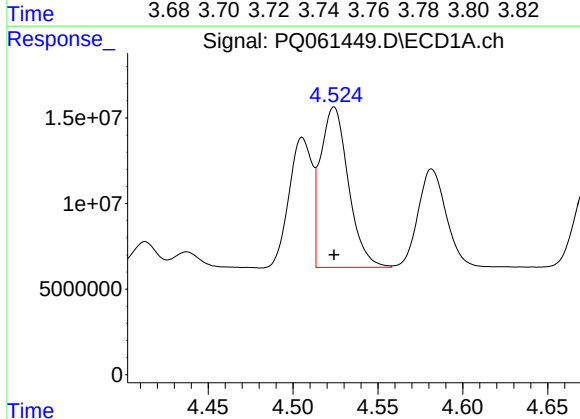
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 71548107
Conc: 464.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



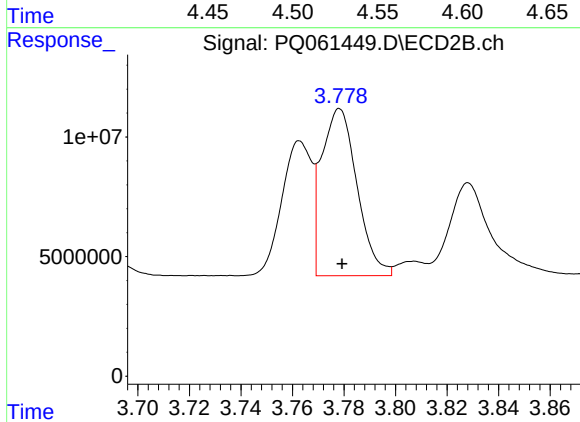
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 45541603
Conc: 441.55 ng/ml



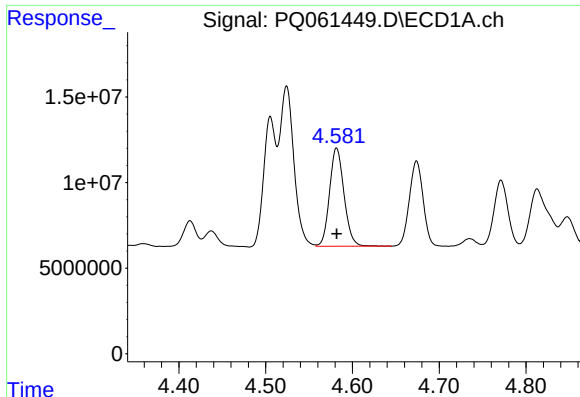
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 107148848
Conc: 469.61 ng/ml



#4 AR-1016-2

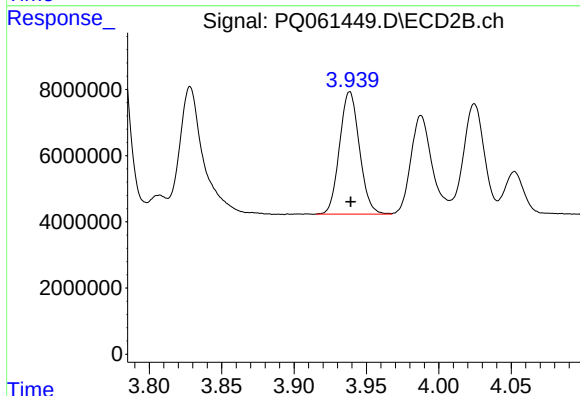
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 66705925
Conc: 447.74 ng/ml



#5 AR-1016-3

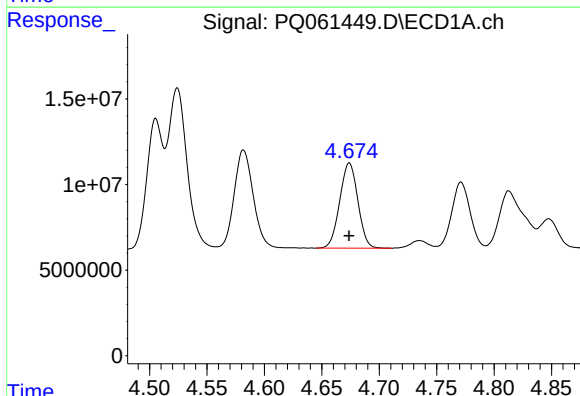
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 66497293
Conc: 467.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



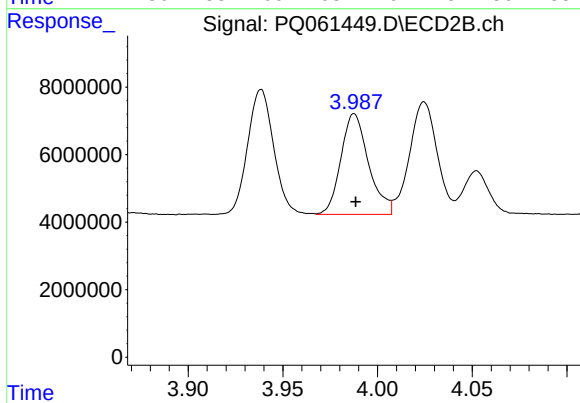
#5 AR-1016-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 35309027
Conc: 446.80 ng/ml



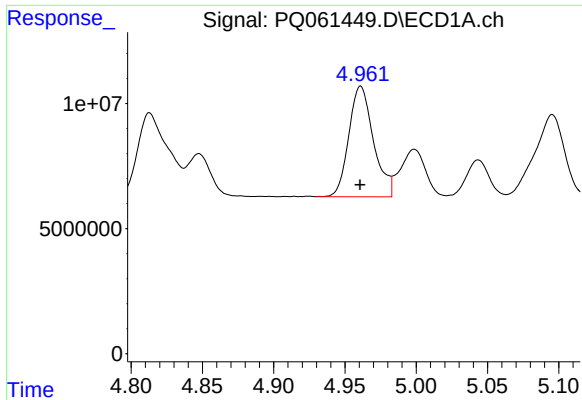
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 54811767
Conc: 476.05 ng/ml



#6 AR-1016-4

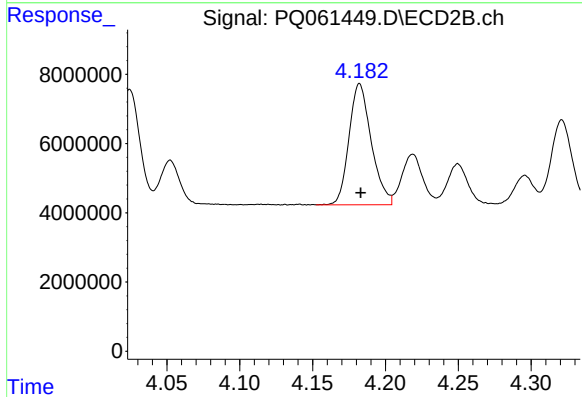
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 30334420
Conc: 427.20 ng/ml



#7 AR-1016-5

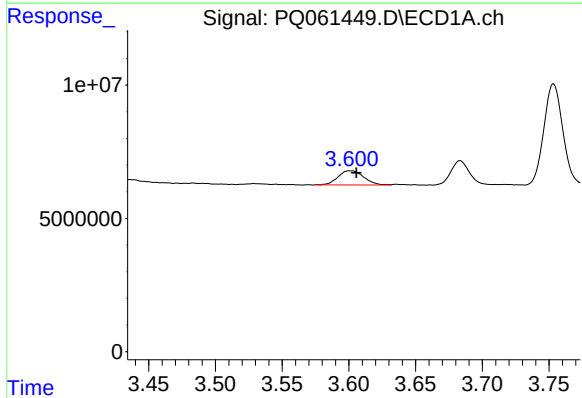
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53257837
Conc: 460.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



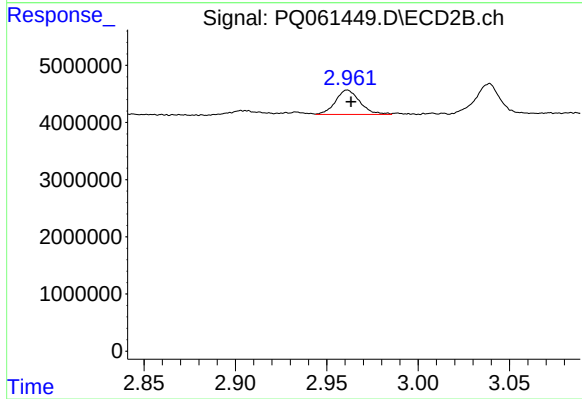
#7 AR-1016-5

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 37252160
Conc: 435.12 ng/ml



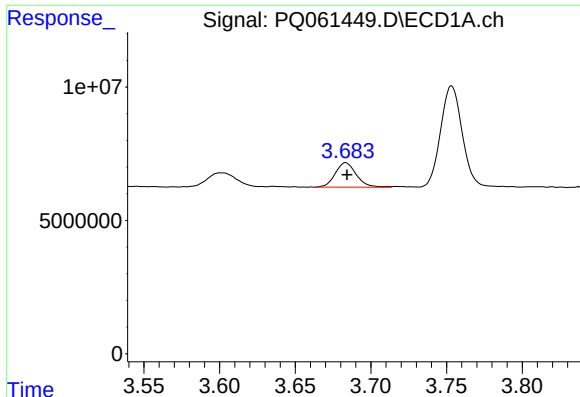
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 7073969
Conc: 126.07 ng/ml



#8 AR-1221-1

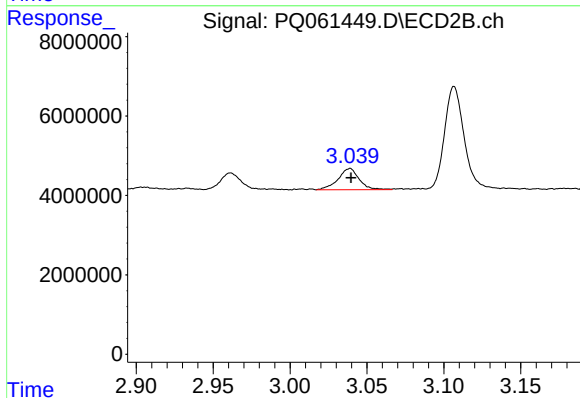
R.T.: 2.961 min
Delta R.T.: -0.002 min
Response: 3953029
Conc: 111.02 ng/ml



#9 AR-1221-2

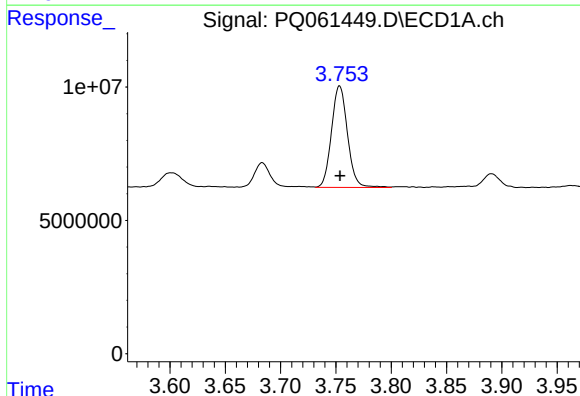
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 8936669
Conc: 211.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



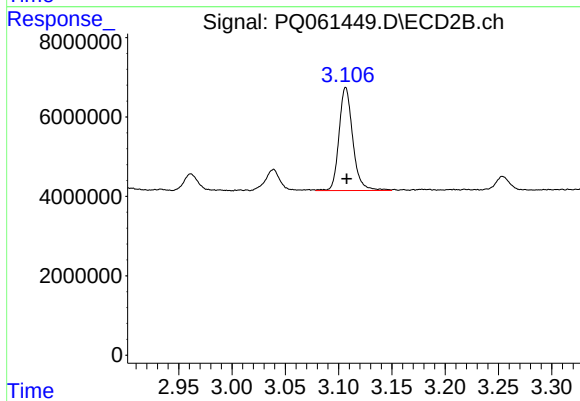
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: 0.000 min
Response: 5126074
Conc: 186.12 ng/ml



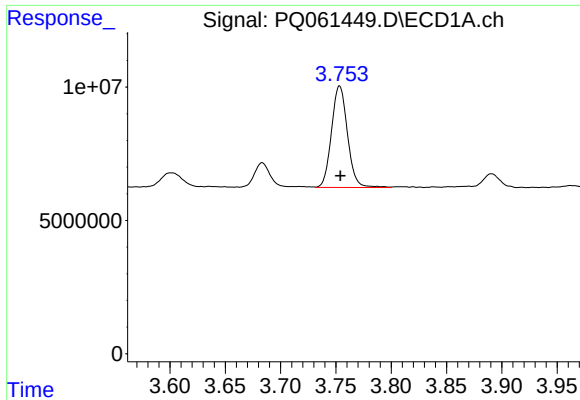
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 38252403
Conc: 291.82 ng/ml



#10 AR-1221-3

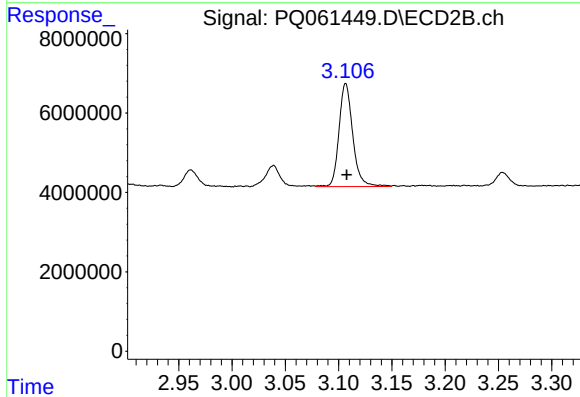
R.T.: 3.107 min
Delta R.T.: -0.001 min
Response: 23354718
Conc: 275.60 ng/ml



#11 AR-1232-1

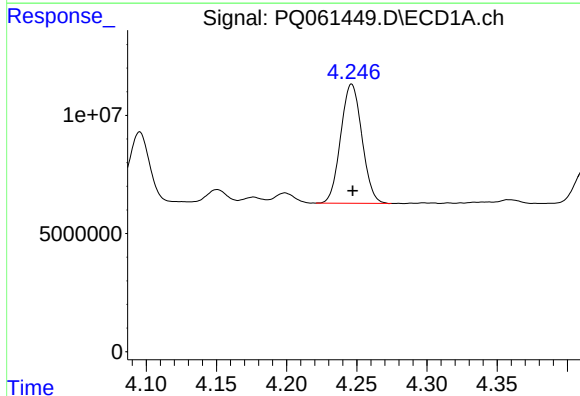
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 38252403
Conc: 400.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



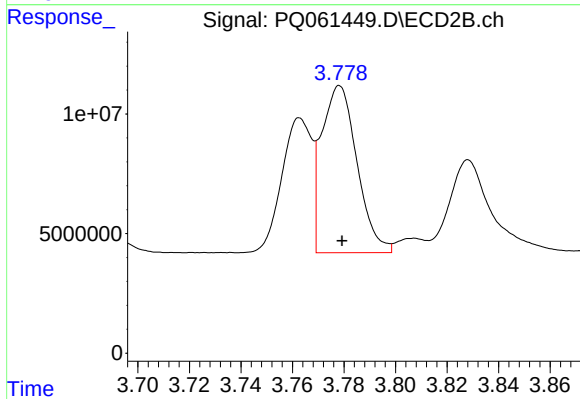
#11 AR-1232-1

R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 23354718
Conc: 379.24 ng/ml



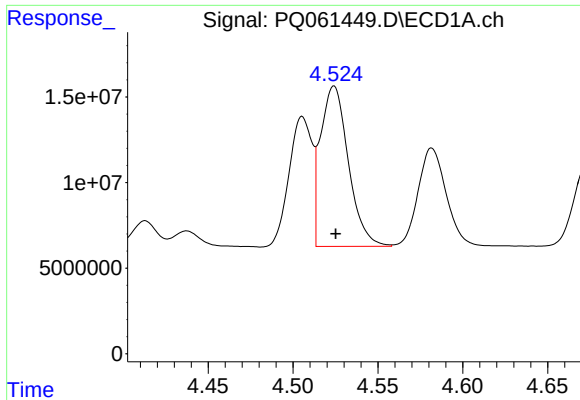
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 53187509
Conc: 968.18 ng/ml



#12 AR-1232-2

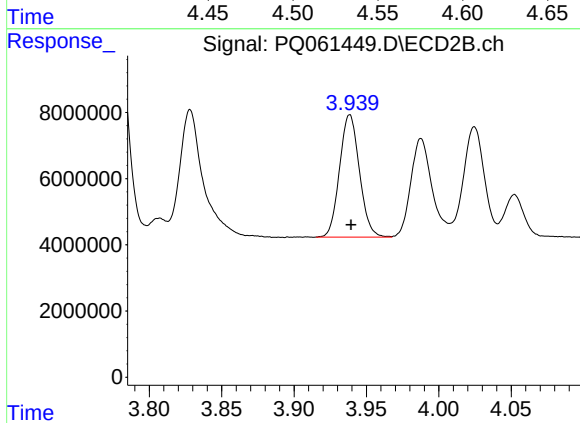
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 66705925
Conc: 968.19 ng/ml



#13 AR-1232-3

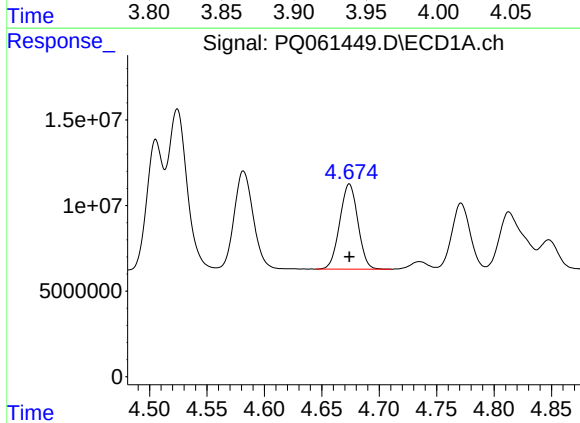
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 107148848
Conc: 1025.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



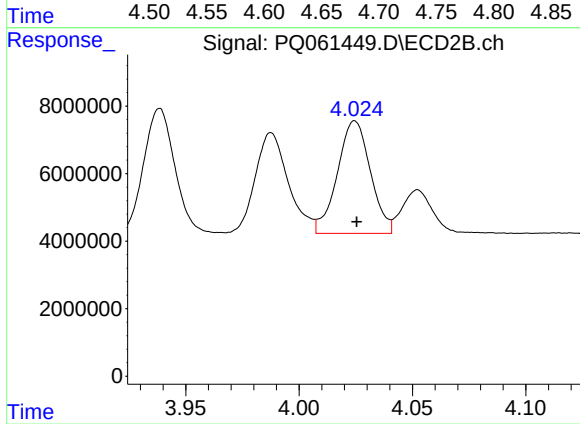
#13 AR-1232-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 35309027
Conc: 976.46 ng/ml



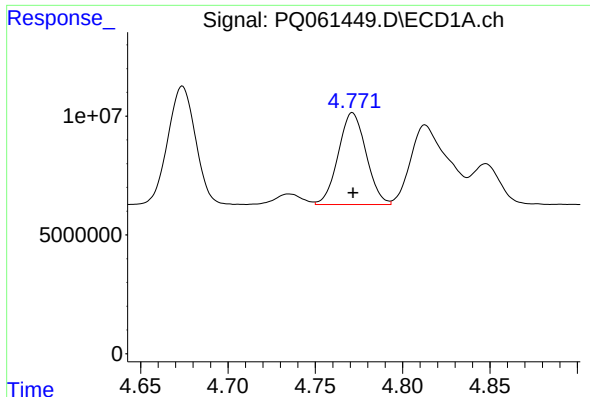
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 54811767
Conc: 1033.06 ng/ml



#14 AR-1232-4

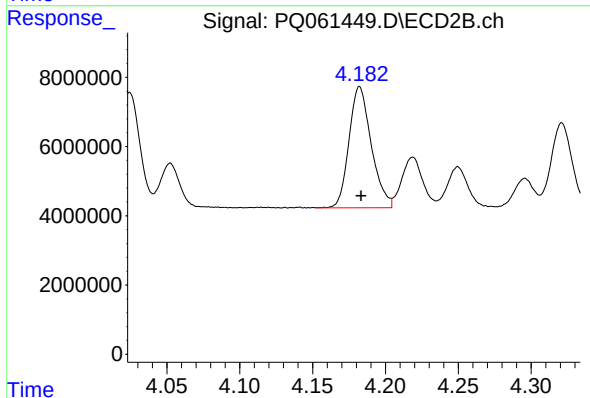
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 33807065
Conc: 1048.90 ng/ml



#15 AR-1232-5

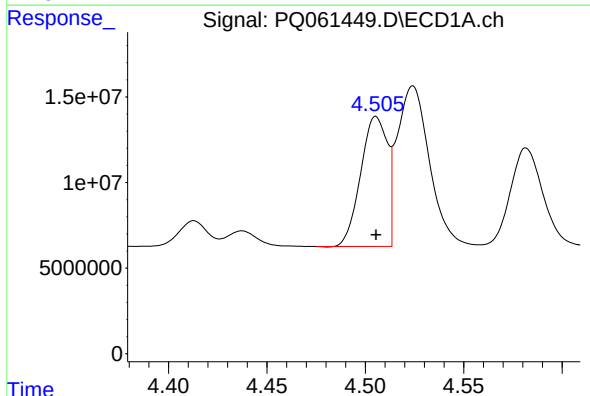
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 42844383
Conc: 1136.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



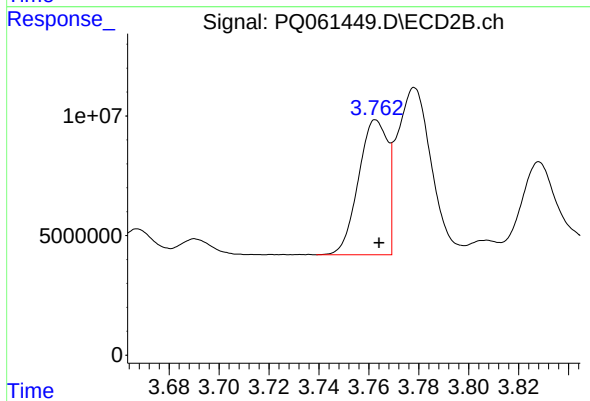
#15 AR-1232-5

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 37252160
Conc: 972.02 ng/ml



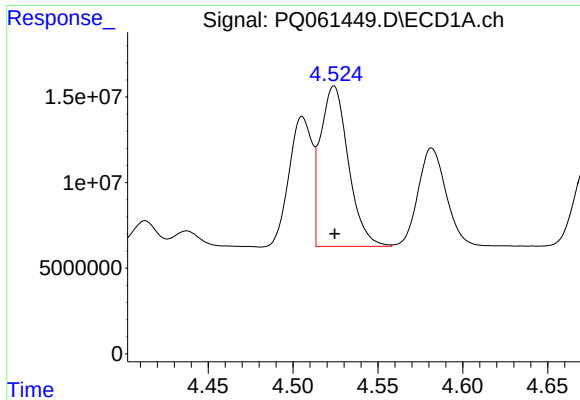
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 71548107
Conc: 630.55 ng/ml



#16 AR-1242-1

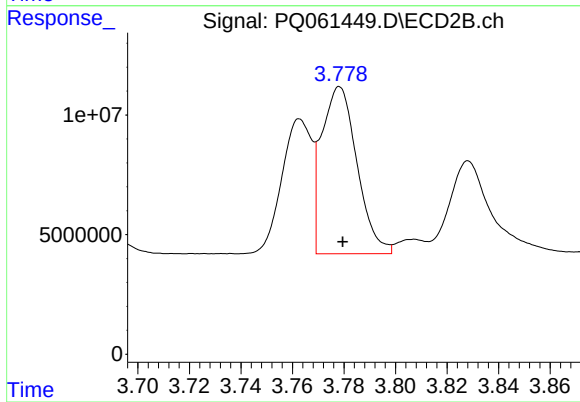
R.T.: 3.763 min
Delta R.T.: -0.001 min
Response: 45541603
Conc: 594.62 ng/ml



#17 AR-1242-2

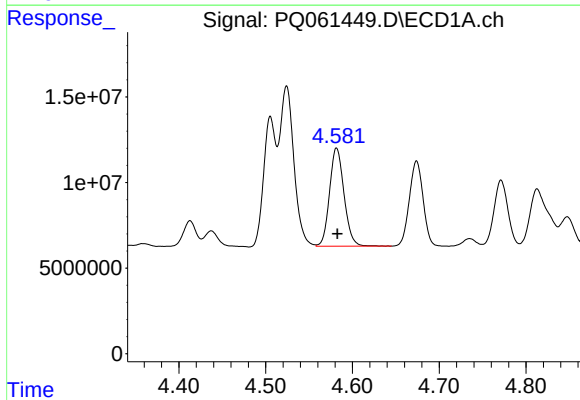
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 107148848
Conc: 631.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



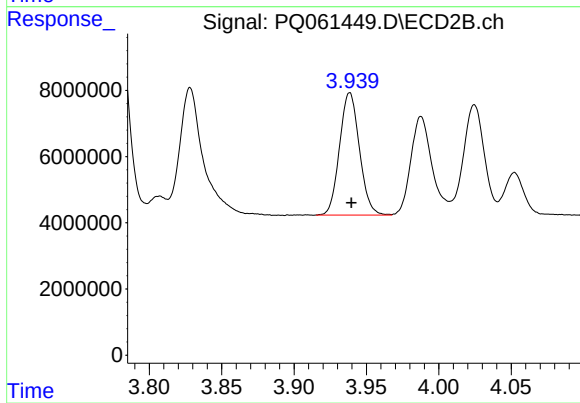
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 66705925
Conc: 601.91 ng/ml



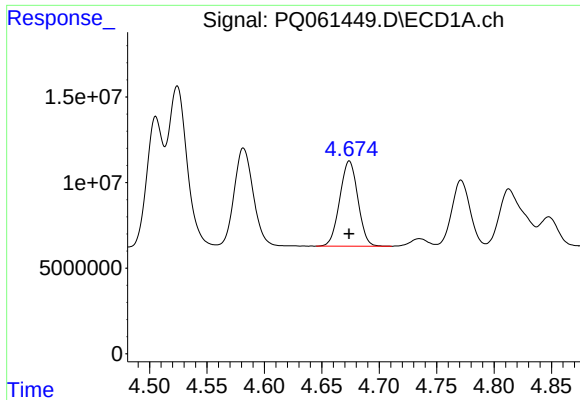
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 66497293
Conc: 621.58 ng/ml



#18 AR-1242-3

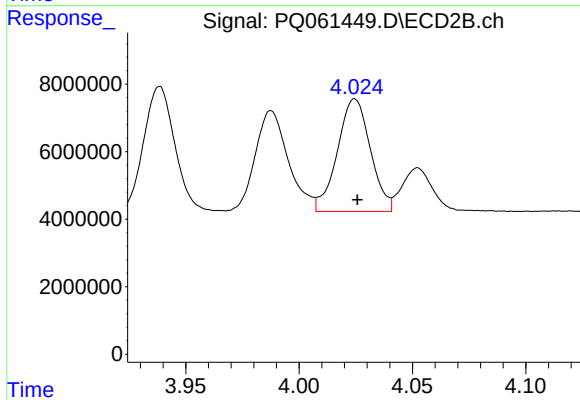
R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 35309027
Conc: 596.61 ng/ml



#19 AR-1242-4

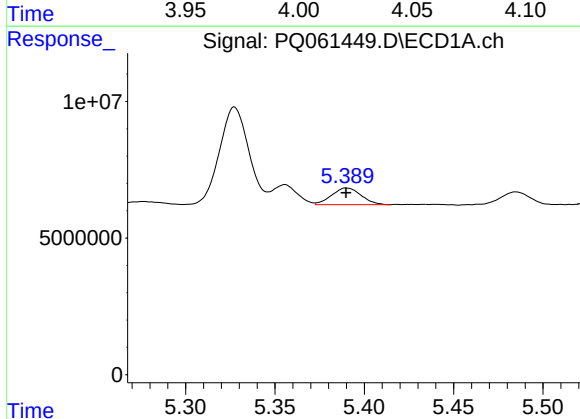
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 54811767
Conc: 631.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



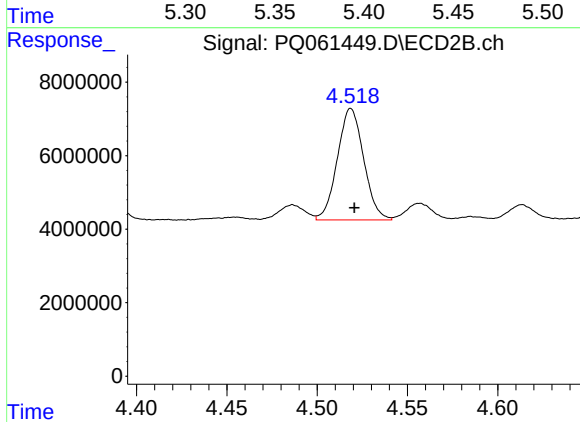
#19 AR-1242-4

R.T.: 4.025 min
Delta R.T.: -0.001 min
Response: 33807065
Conc: 564.53 ng/ml



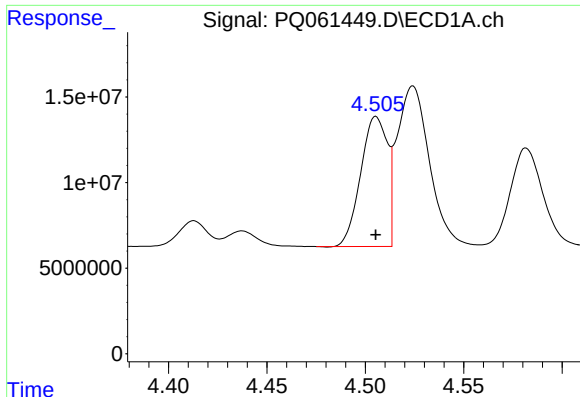
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 7031466
Conc: 79.28 ng/ml



#20 AR-1242-5

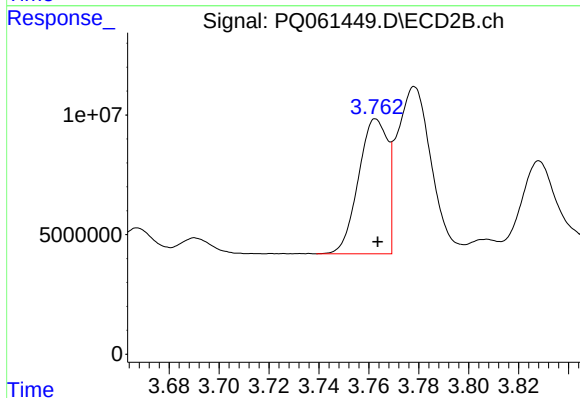
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 30757462
Conc: 384.13 ng/ml



#21 AR-1248-1

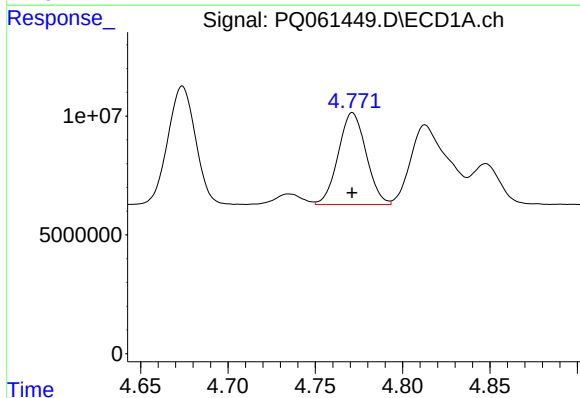
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 71548107
Conc: 794.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



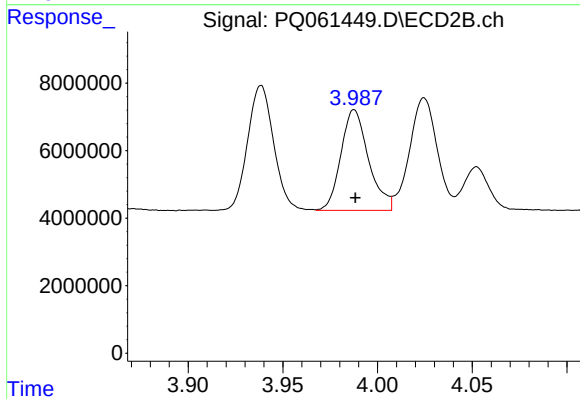
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 45541603
Conc: 731.76 ng/ml



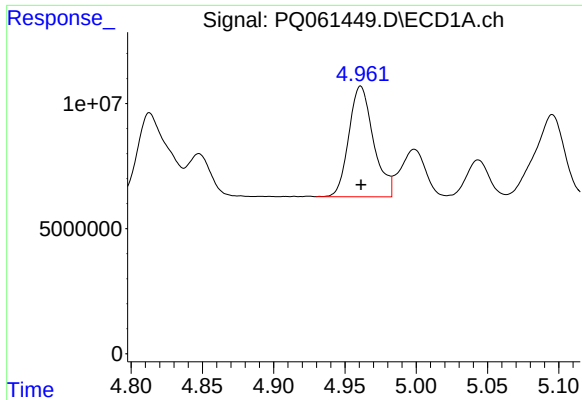
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 42844383
Conc: 337.02 ng/ml



#22 AR-1248-2

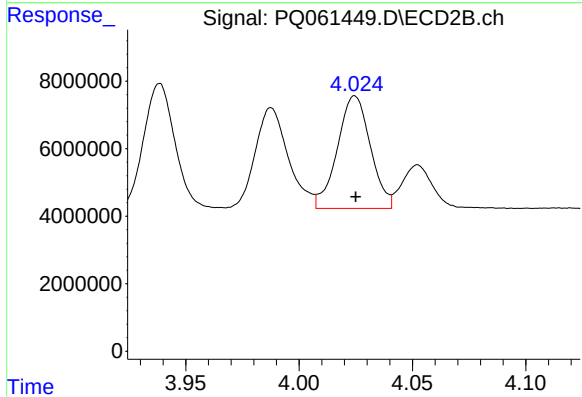
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 30334420
Conc: 313.84 ng/ml



#23 AR-1248-3

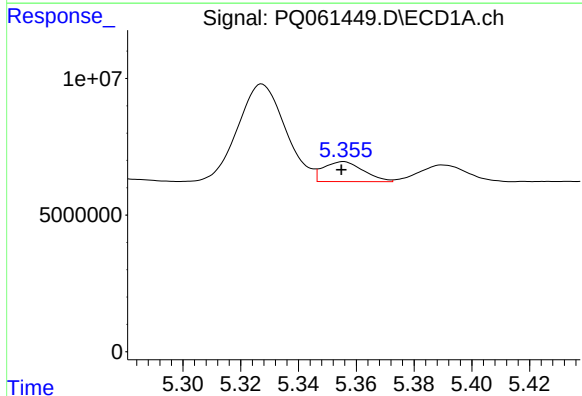
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53257837
Conc: 345.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



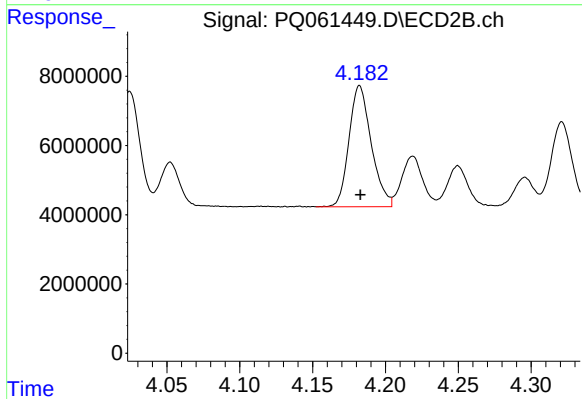
#23 AR-1248-3

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 33807065
Conc: 369.83 ng/ml



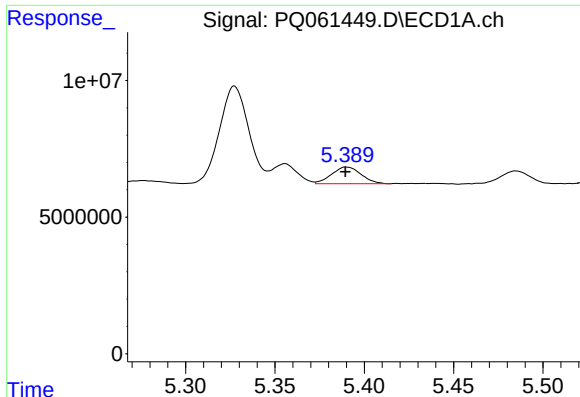
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 7025694
Conc: 41.39 ng/ml



#24 AR-1248-4

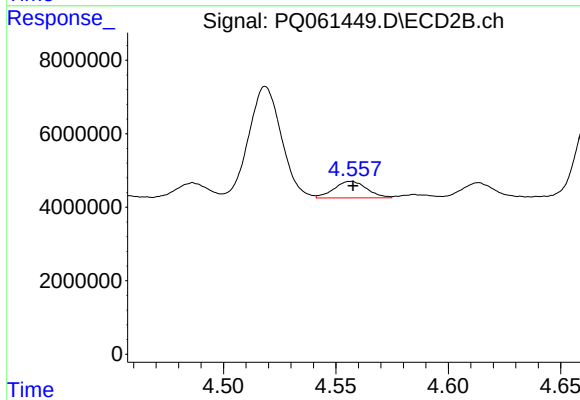
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 37252160
Conc: 328.99 ng/ml



#25 AR-1248-5

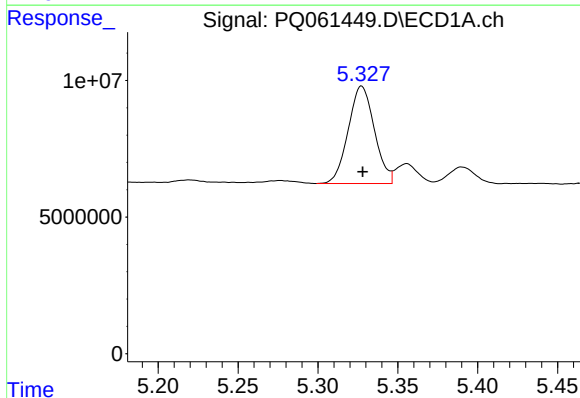
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 7031466
Conc: 42.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



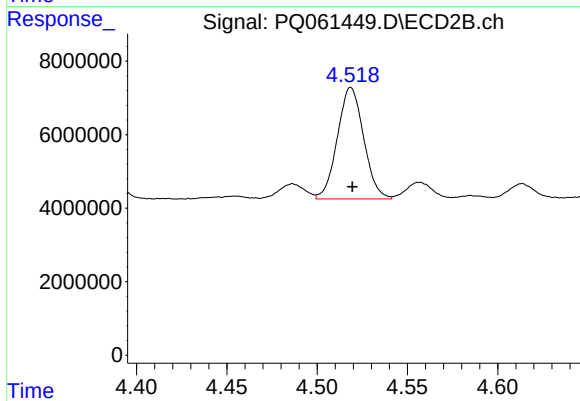
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 4569001
Conc: 41.49 ng/ml



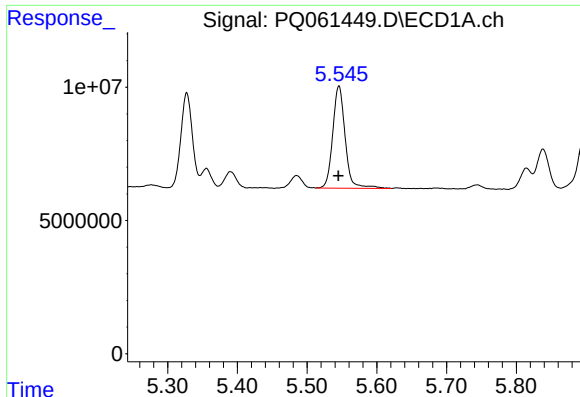
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 40732150
Conc: 238.48 ng/ml



#26 AR-1254-1

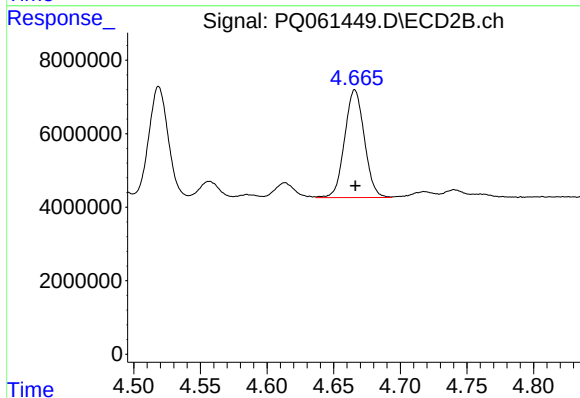
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 30757462
Conc: 187.04 ng/ml



#27 AR-1254-2

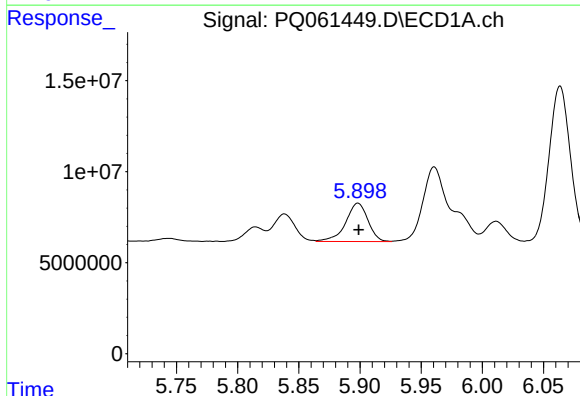
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 47614125
Conc: 178.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



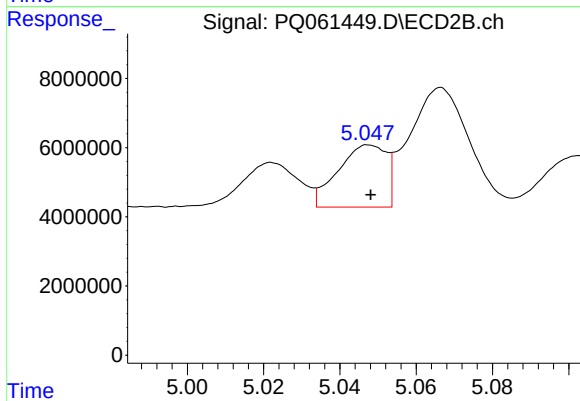
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 30241989
Conc: 201.07 ng/ml



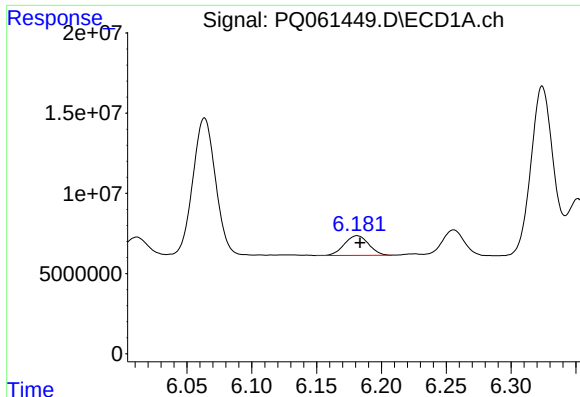
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 26729505
Conc: 95.65 ng/ml



#28 AR-1254-3

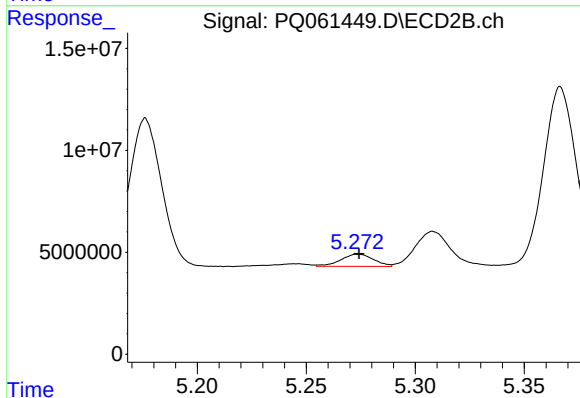
R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 15771648
Conc: 67.78 ng/ml



#29 AR-1254-4

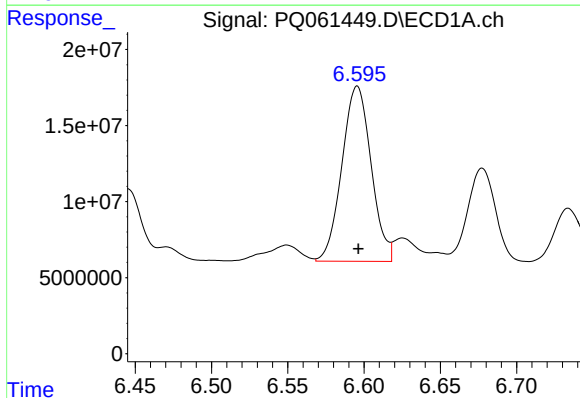
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 16003864
Conc: 78.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



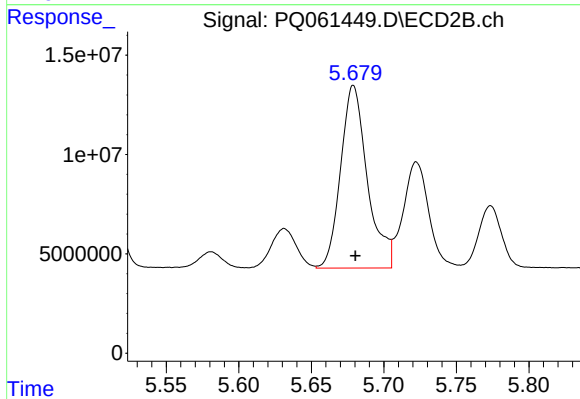
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 6217682
Conc: 43.28 ng/ml



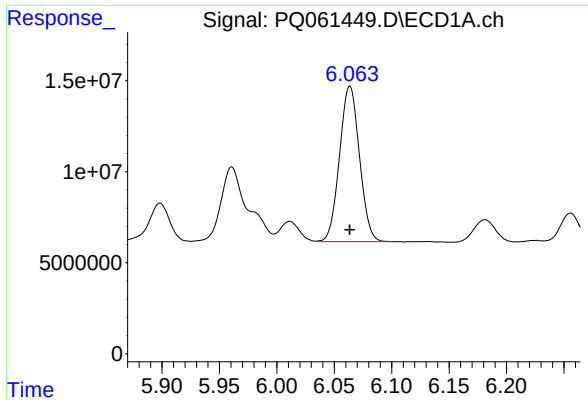
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 153412067
Conc: 650.37 ng/ml



#30 AR-1254-5

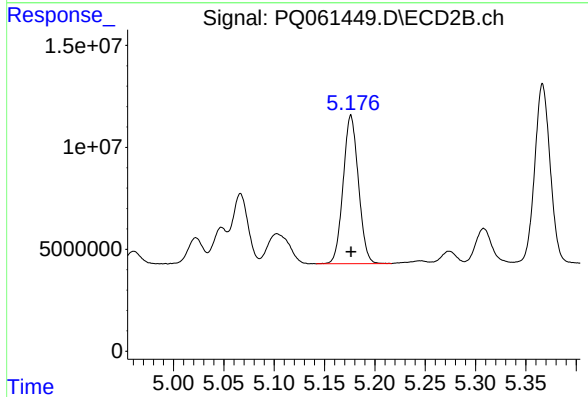
R.T.: 5.679 min
Delta R.T.: -0.001 min
Response: 117948447
Conc: 517.07 ng/ml



#31 AR-1260-1

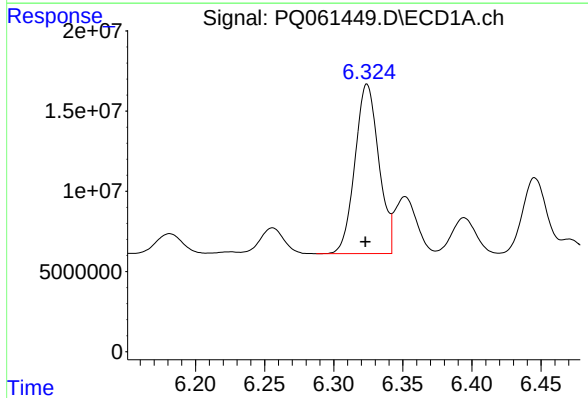
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 103471894
Conc: 465.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



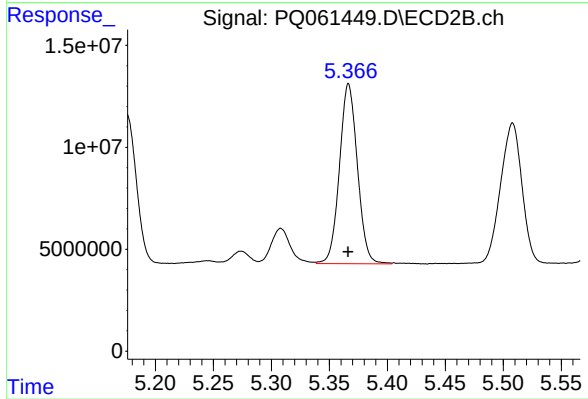
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 76873501
Conc: 446.91 ng/ml



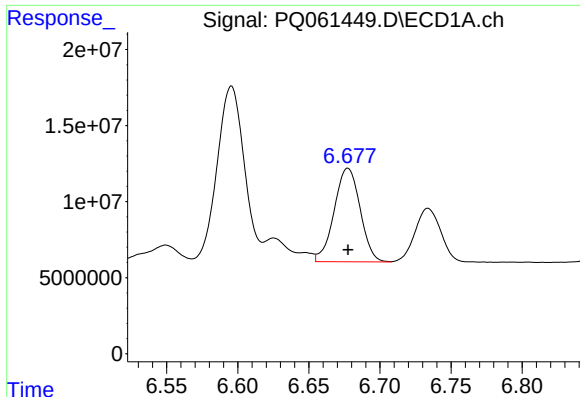
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 127200999
Conc: 478.12 ng/ml



#32 AR-1260-2

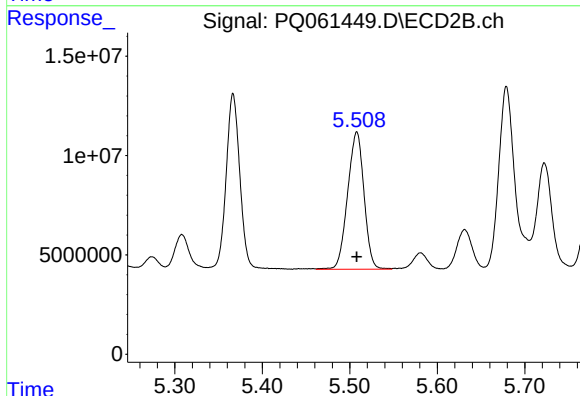
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 95215638
Conc: 459.46 ng/ml



#33 AR-1260-3

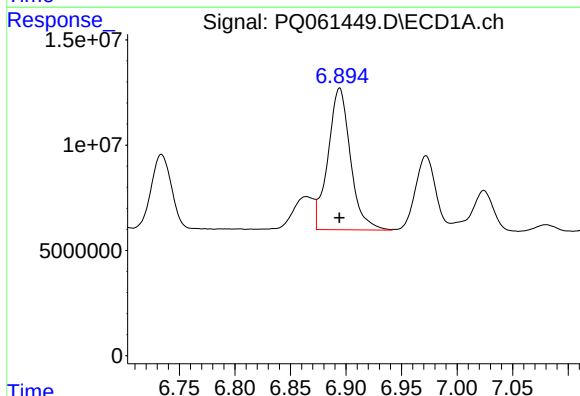
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 78262952
Conc: 465.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



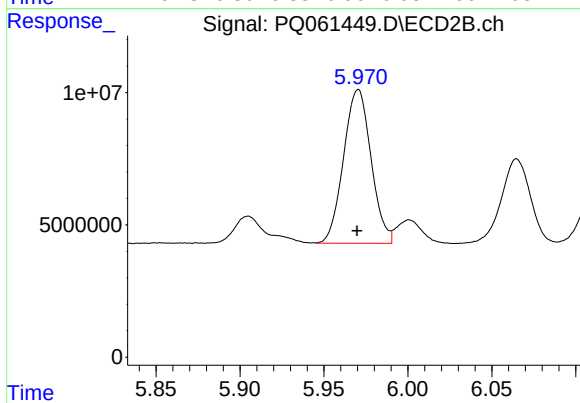
#33 AR-1260-3

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 89915977
Conc: 452.72 ng/ml



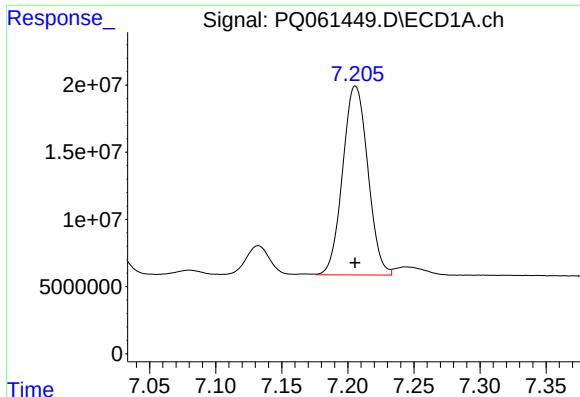
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 94373512
Conc: 470.23 ng/ml



#34 AR-1260-4

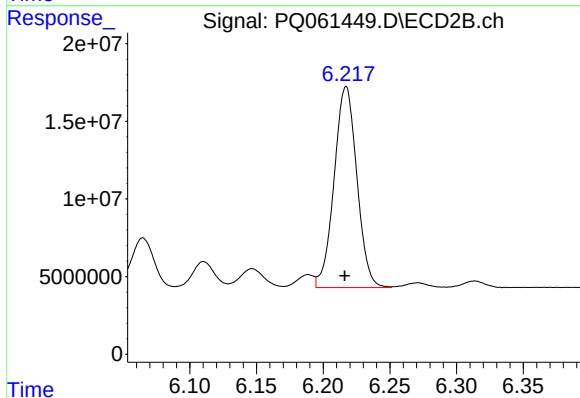
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 66274204
Conc: 450.52 ng/ml



#35 AR-1260-5

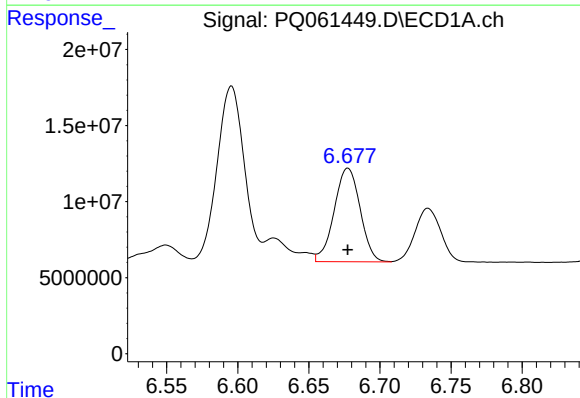
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 186662453
Conc: 490.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



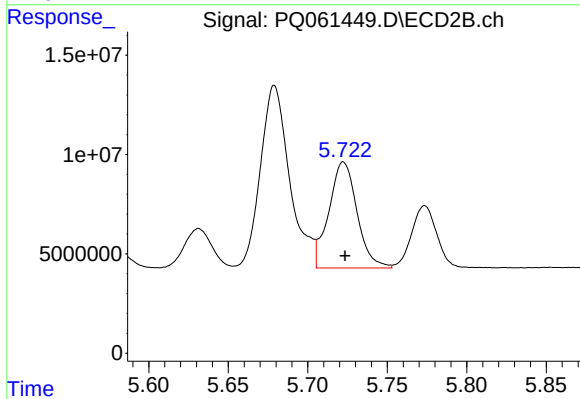
#35 AR-1260-5

R.T.: 6.217 min
Delta R.T.: 0.001 min
Response: 153935808
Conc: 474.07 ng/ml



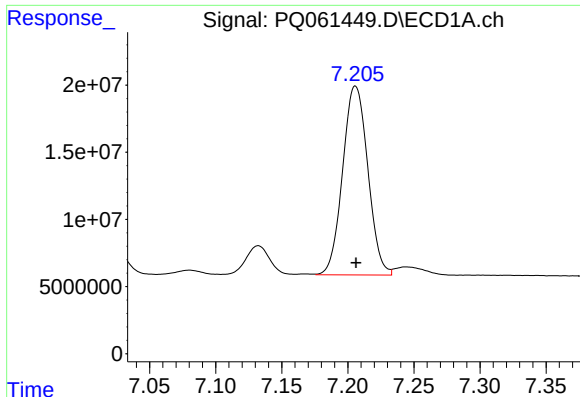
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 78262952
Conc: 261.40 ng/ml



#36 AR-1262-1

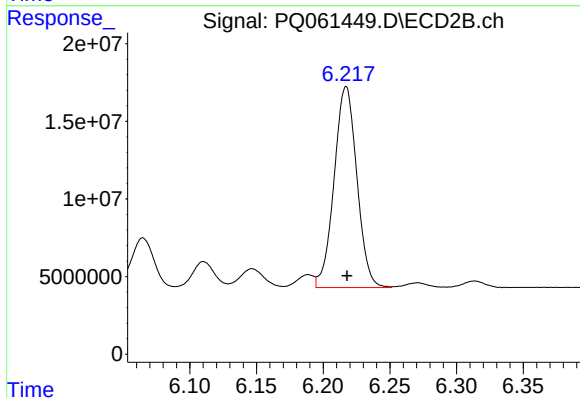
R.T.: 5.722 min
Delta R.T.: -0.001 min
Response: 66015632
Conc: 272.40 ng/ml



#37 AR-1262-2

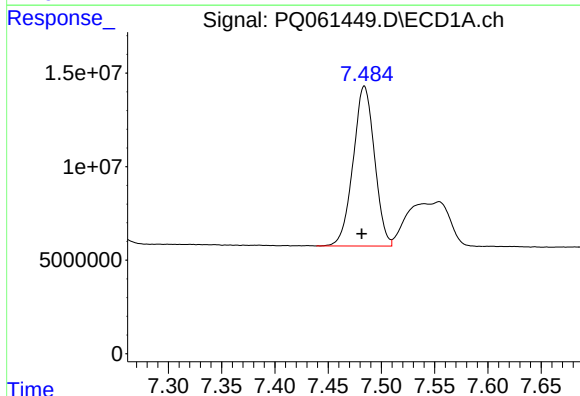
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 186662453
Conc: 370.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



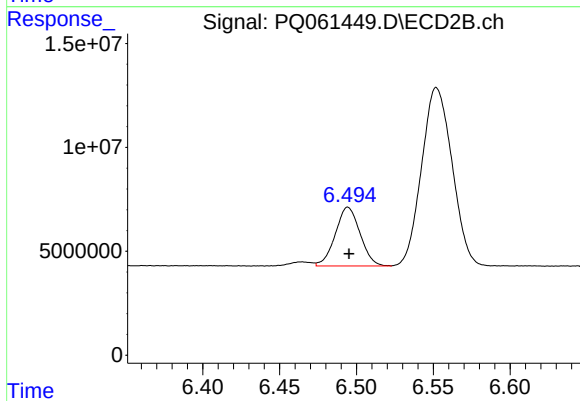
#37 AR-1262-2

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 153935808
Conc: 352.22 ng/ml



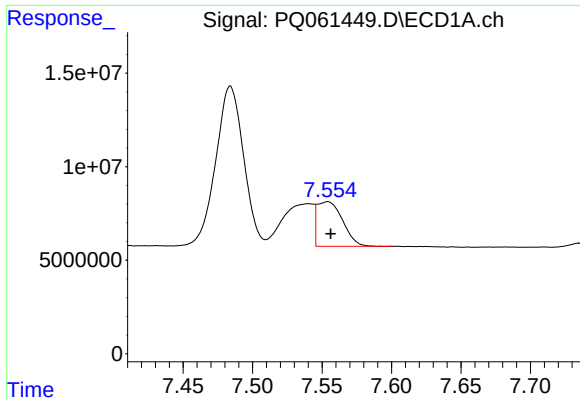
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.002 min
Response: 119437460
Conc: 353.42 ng/ml



#38 AR-1262-3

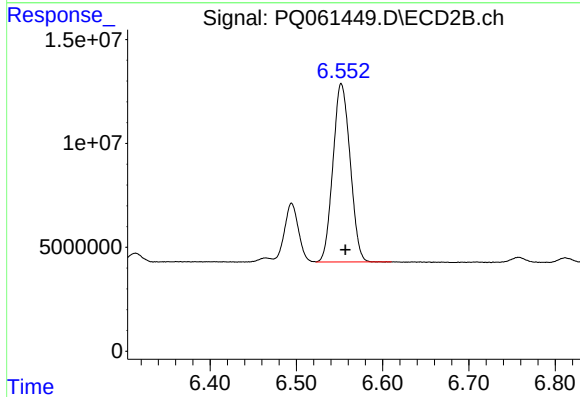
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 31757293
Conc: 176.22 ng/ml



#39 AR-1262-4

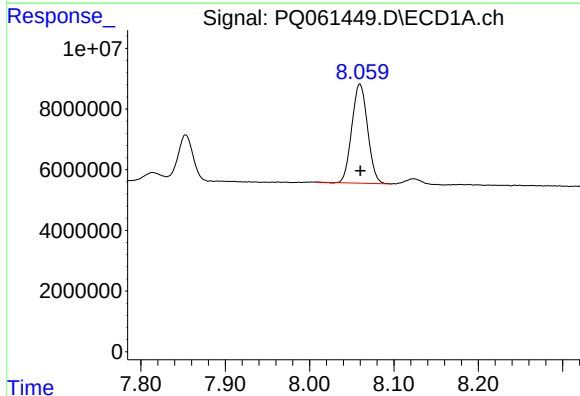
R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 30263868
Conc: 117.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



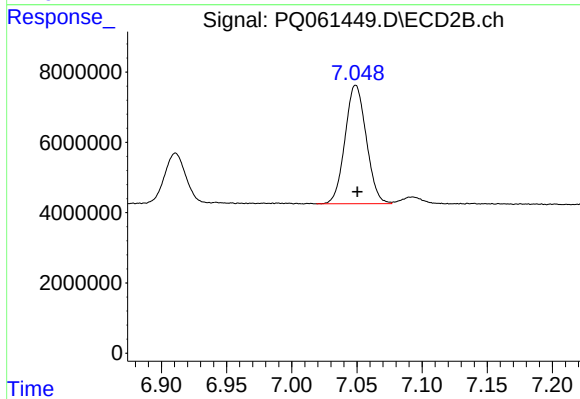
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 118611033
Conc: 357.66 ng/ml



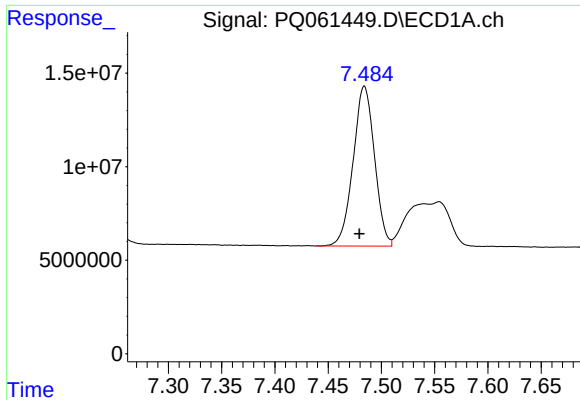
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 42441770
Conc: 249.20 ng/ml



#40 AR-1262-5

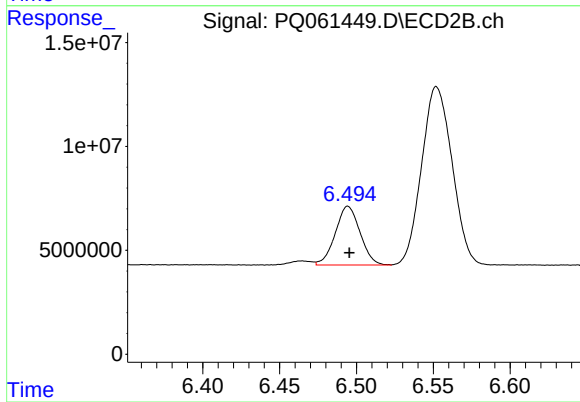
R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 38339300
Conc: 238.99 ng/ml



#41 AR-1268-1

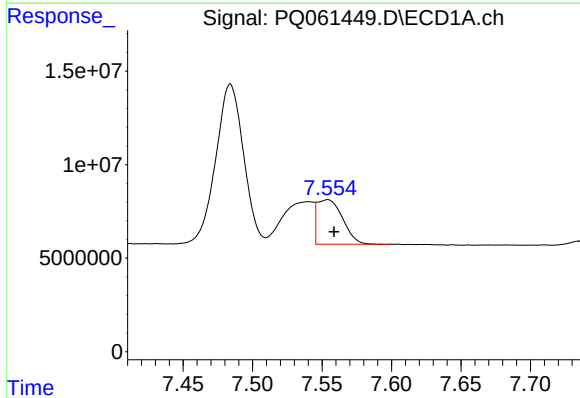
R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 119437460
Conc: 216.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



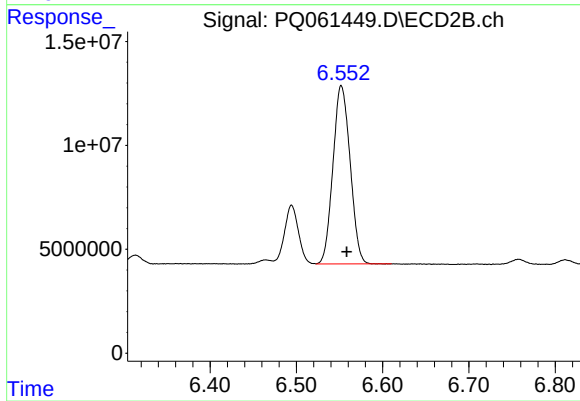
#41 AR-1268-1

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 31757293
Conc: 64.64 ng/ml



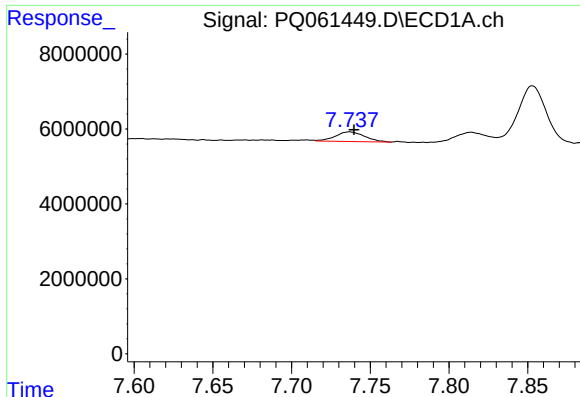
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.005 min
Response: 30263868
Conc: 61.42 ng/ml



#42 AR-1268-2

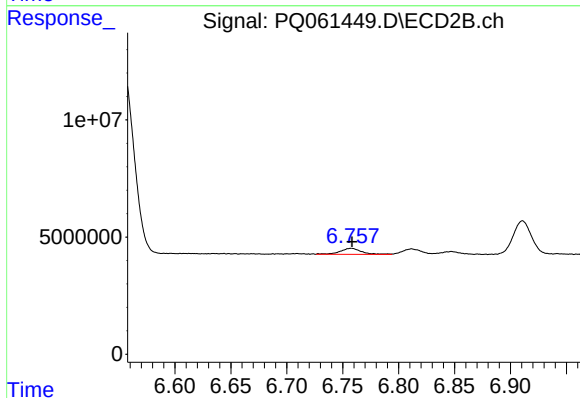
R.T.: 6.552 min
Delta R.T.: -0.006 min
Response: 118611033
Conc: 266.61 ng/ml



#43 AR-1268-3

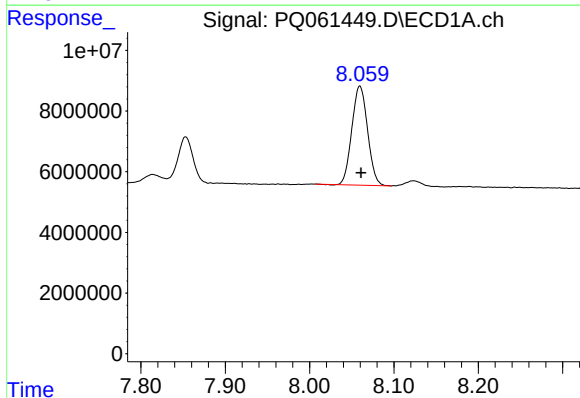
R.T.: 7.737 min
Delta R.T.: -0.003 min
Response: 3329579
Conc: 8.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



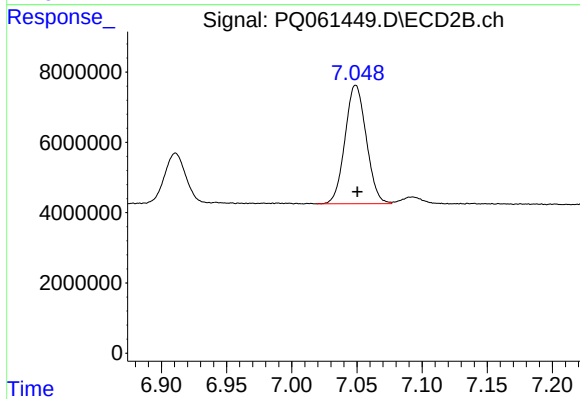
#43 AR-1268-3

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 3354077
Conc: 8.57 ng/ml



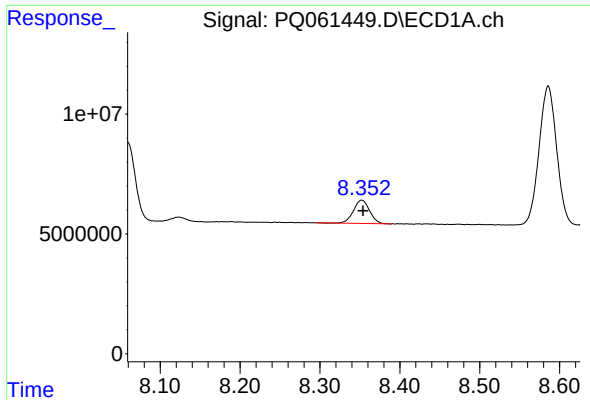
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 42441770
Conc: 239.77 ng/ml



#44 AR-1268-4

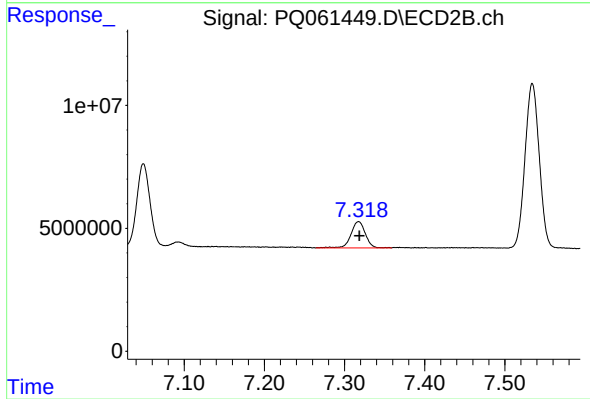
R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 38339300
Conc: 228.37 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 13572415
Conc: 11.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 13401149
Conc: 10.81 ng/ml