

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061923\
 Data File : PQ061508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 21:04
 Operator : YP\AJ
 Sample : PB153541BS
 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 19 22:26:12 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...	3.406	2.761	95090431	58712863	21.155	21.987
2)	SA Decachlor...	8.582	7.533	78673735	82474027	23.355	24.571
Target Compounds							
3)	L1 AR-1016-1	4.506	3.763	60693689	44643391	394.247	432.837
4)	L1 AR-1016-2	4.525	3.779	89090250	64388326	390.465	432.182
5)	L1 AR-1016-3	4.582	3.939	56245303	33997067	395.811	430.203
6)	L1 AR-1016-4	4.674	3.988	46294727	29415340	402.081	414.257
7)	L1 AR-1016-5	4.962	4.182	44697126	36112472	386.745	421.808
8)	L2 AR-1221-1	3.602	2.962	6361947	4556834	113.382	127.979
9)	L2 AR-1221-2	3.685	3.040	8549797	5207470	202.601	189.071
10)	L2 AR-1221-3	3.754	3.107	33294971	22543610	254.002	266.031
11)	L3 AR-1232-1	3.754	3.107	33294971	22543610	348.316	366.070
12)	L3 AR-1232-2	4.247	3.779	45624881	64388326	830.514	934.550
13)	L3 AR-1232-3	4.525	3.939	89090250	33997067	852.866	940.179
14)	L3 AR-1232-4	4.674	4.025	46294727	32641118	872.538	1012.729
15)	L3 AR-1232-5	4.772	4.182	36448160	36112472	966.475	942.286
16)	L4 AR-1242-1	4.506	3.763	60693689	44643391	534.894	582.894
17)	L4 AR-1242-2	4.525	3.779	89090250	64388326	524.682	580.996
18)	L4 AR-1242-3	4.582	3.939	56245303	33997067	525.752	574.445
19)	L4 AR-1242-4	4.674	4.025	46294727	32641118	533.410	545.059
20)	L4 AR-1242-5	5.390	4.518	6032972	29971164	68.024	374.312 #
21)	L5 AR-1248-1	4.506	3.763	60693689	44643391	673.596	717.329
22)	L5 AR-1248-2	4.772	3.988	36448160	29415340	286.710	304.330
23)	L5 AR-1248-3	4.962	4.025	44697126	32641118	290.164	357.072
24)	L5 AR-1248-4	5.355	4.182	6743835	36112472	39.728	318.927 #
25)	L5 AR-1248-5	5.390	4.557	6032972	4672157	36.825	42.422
26)	L6 AR-1254-1	5.328	4.518	35087168	29971164	205.427	182.255
27)	L6 AR-1254-2	5.546	4.666	42961033	29698084	160.671	197.453
28)	L6 AR-1254-3	5.898	5.047	22597831	15455716	80.867	66.420
29)	L6 AR-1254-4	6.181	5.274	14029166	6068048	68.540	42.236 #
30)	L6 AR-1254-5	6.594	5.679	133.7E6	115.6E6	566.667	506.912
31)	L7 AR-1260-1	6.064	5.176	89992529	74756694	405.057	434.608
32)	L7 AR-1260-2	6.324	5.366	112.8E6	92211333	424.087	444.964
33)	L7 AR-1260-3	6.677	5.507	68533901	86715799	407.582	436.606
34)	L7 AR-1260-4	6.894	5.970	81603407	65496087	406.603	445.232
35)	L7 AR-1260-5	7.205	6.215	160.0E6	150.1E6	420.359	462.139
36)	L8 AR-1262-1	6.677	5.722	68533901	65043052	228.906	268.388
37)	L8 AR-1262-2	7.205	6.215	160.0E6	150.1E6	317.318	343.350
38)	L8 AR-1262-3	7.483	6.494	103.8E6	31169158	307.059	172.953 #
39)	L8 AR-1262-4	7.552	6.551	57447130	116.8E6	223.690	352.271 #
40)	L8 AR-1262-5	8.057	7.048	37351574	37941549	219.317	236.513
41)	L9 AR-1268-1	7.483	6.494	103.8E6	31169158	188.414	63.443 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 21:04
 Operator : YP\AJ
 Sample : PB153541BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

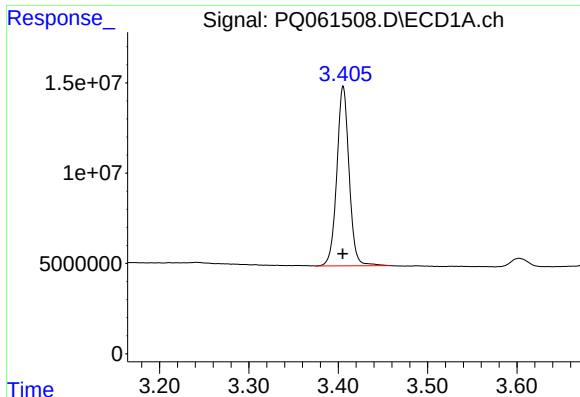
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 22:26:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
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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	6.551	57447130	116.8E6	116.588	262.590 #
43) L9	AR-1268-3	7.736	6.756	2919151	3108803	7.079	7.941
44) L9	AR-1268-4	8.057	7.048	37351574	37941549	211.017	226.005
45) L9	AR-1268-5	8.350	7.316	12060383	12960655	10.147	10.452

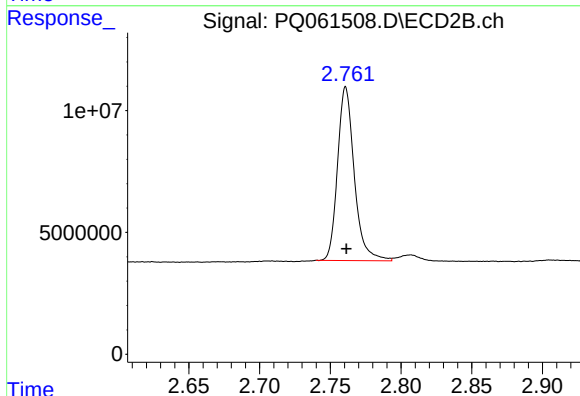
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

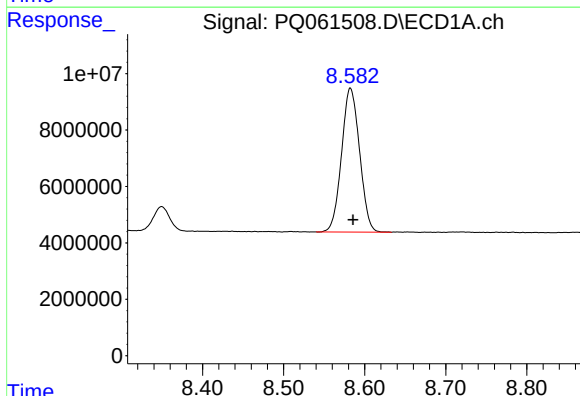
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 95090431
Conc: 21.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



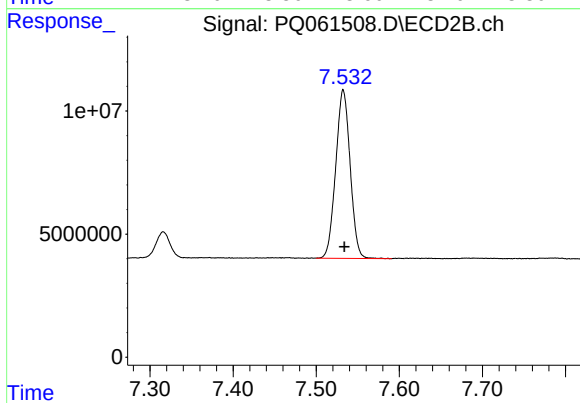
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 58712863
Conc: 21.99 ng/ml



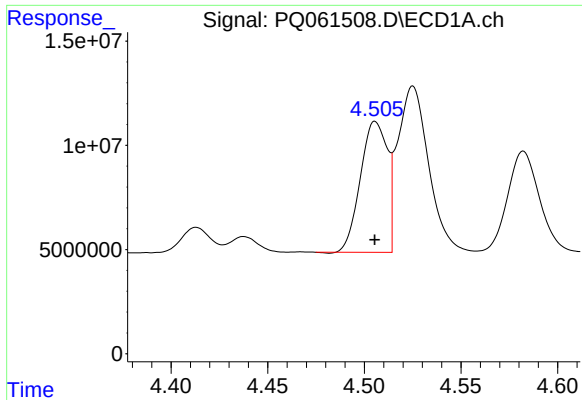
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.003 min
Response: 78673735
Conc: 23.35 ng/ml



#2 Decachlorobiphenyl

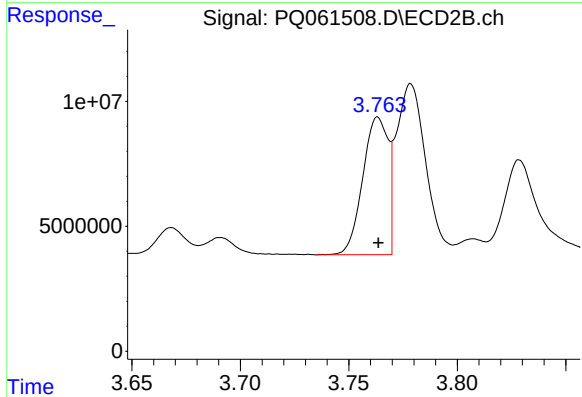
R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 82474027
Conc: 24.57 ng/ml



#3 AR-1016-1

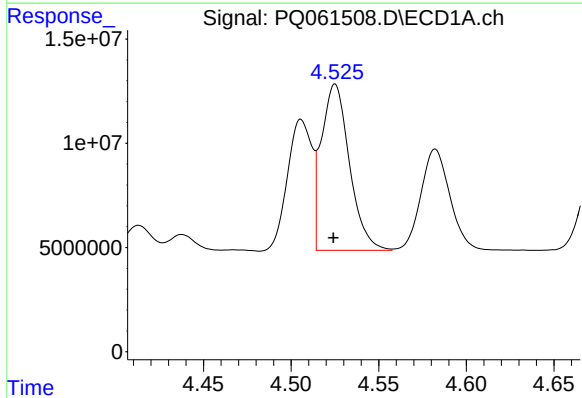
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 60693689
Conc: 394.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



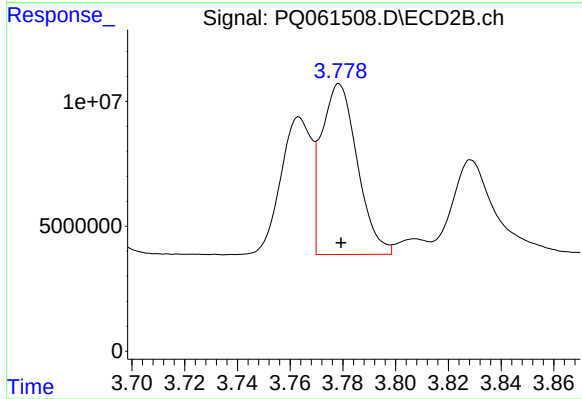
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 44643391
Conc: 432.84 ng/ml



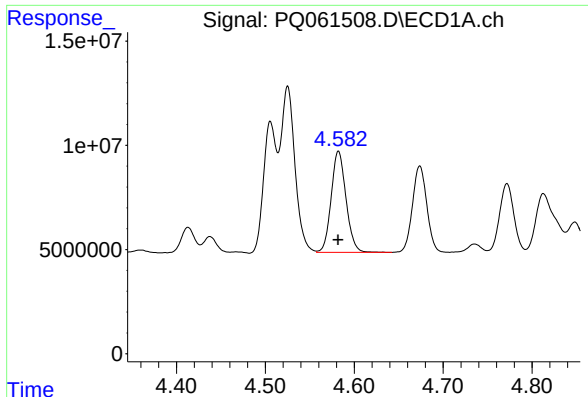
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 89090250
Conc: 390.46 ng/ml



#4 AR-1016-2

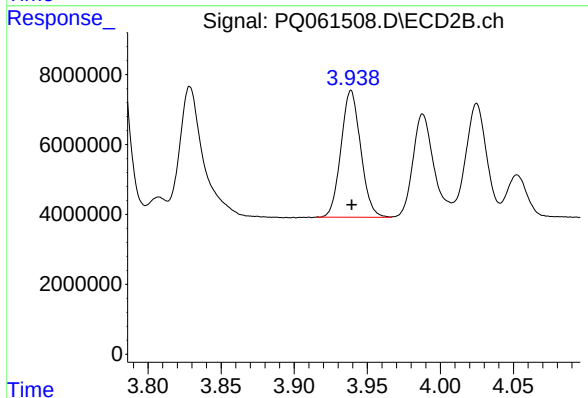
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 64388326
Conc: 432.18 ng/ml



#5 AR-1016-3

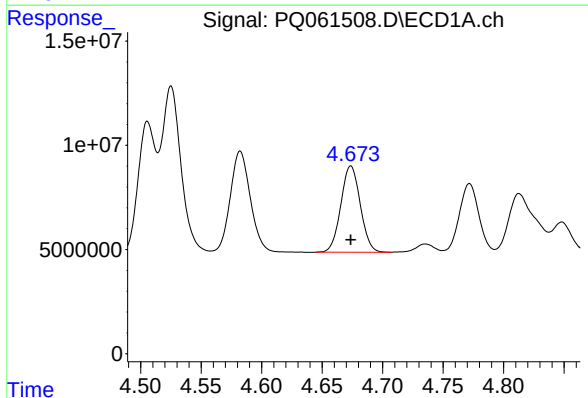
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 56245303
Conc: 395.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



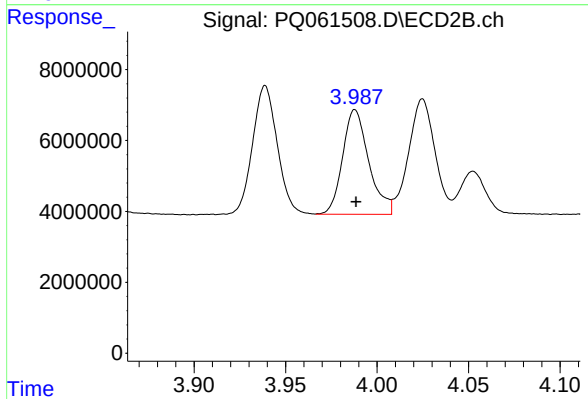
#5 AR-1016-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 33997067
Conc: 430.20 ng/ml



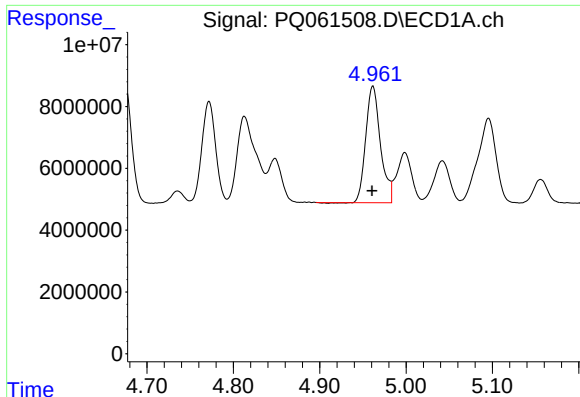
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 46294727
Conc: 402.08 ng/ml



#6 AR-1016-4

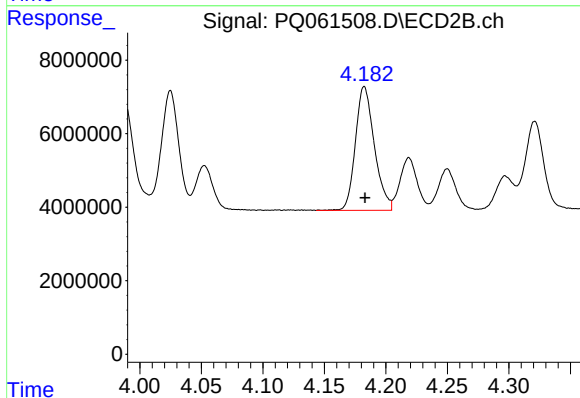
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 29415340
Conc: 414.26 ng/ml



#7 AR-1016-5

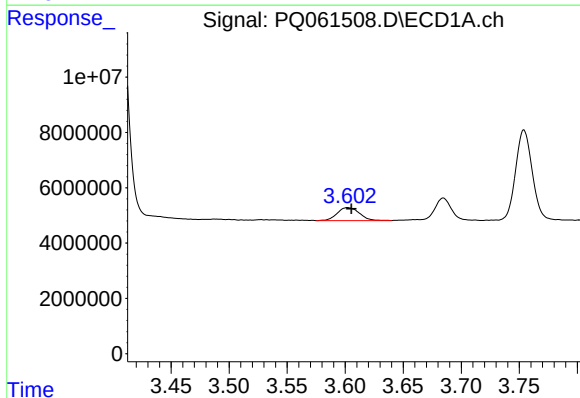
R.T.: 4.962 min
Delta R.T.: 0.001 min
Response: 44697126
Conc: 386.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



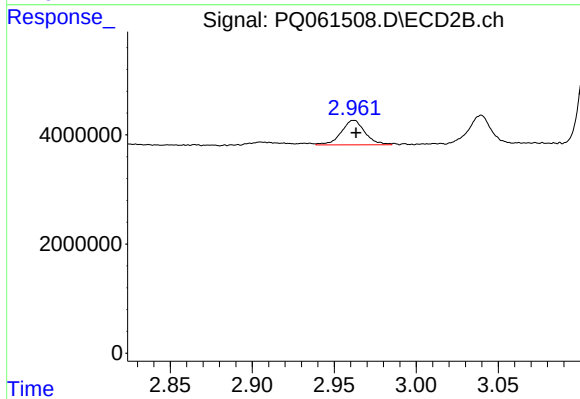
#7 AR-1016-5

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 36112472
Conc: 421.81 ng/ml



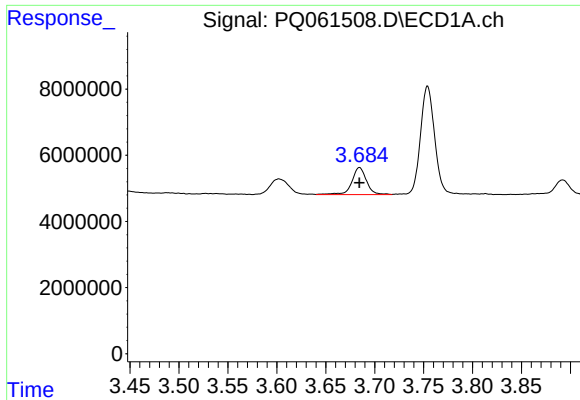
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 6361947
Conc: 113.38 ng/ml



#8 AR-1221-1

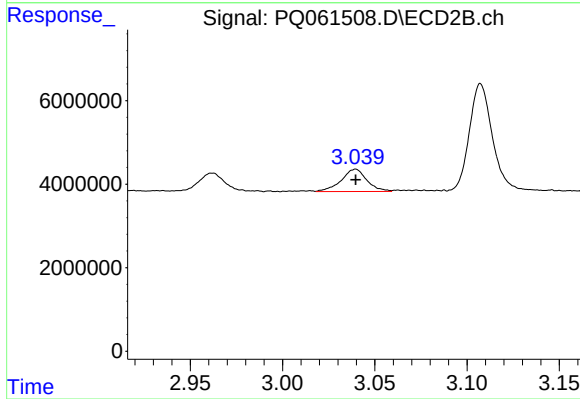
R.T.: 2.962 min
Delta R.T.: -0.001 min
Response: 4556834
Conc: 127.98 ng/ml



#9 AR-1221-2

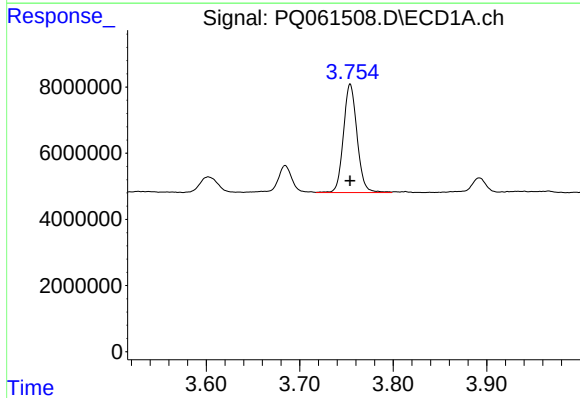
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 8549797
Conc: 202.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



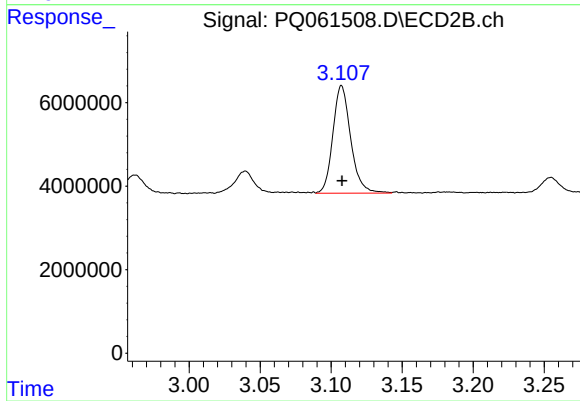
#9 AR-1221-2

R.T.: 3.040 min
Delta R.T.: 0.000 min
Response: 5207470
Conc: 189.07 ng/ml



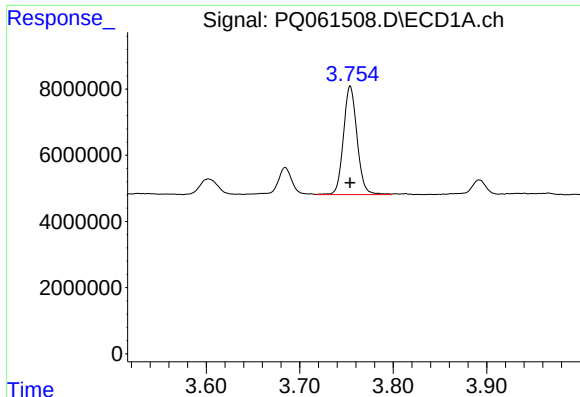
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 33294971
Conc: 254.00 ng/ml



#10 AR-1221-3

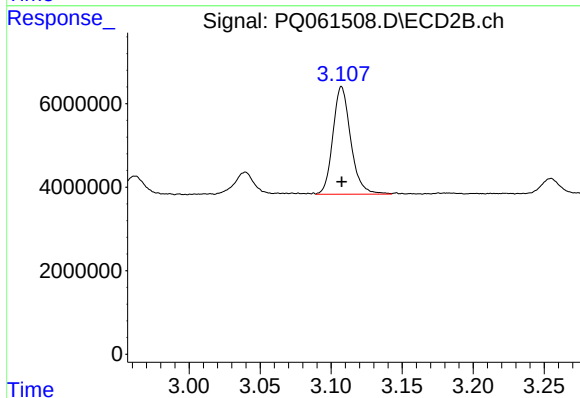
R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 22543610
Conc: 266.03 ng/ml



#11 AR-1232-1

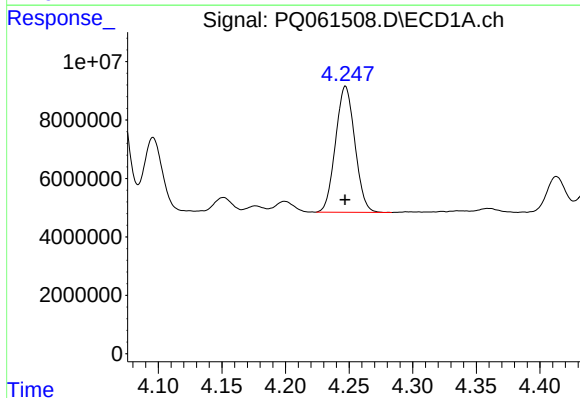
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 33294971
Conc: 348.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



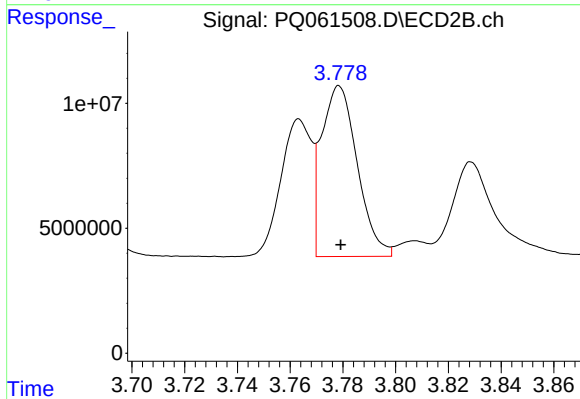
#11 AR-1232-1

R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 22543610
Conc: 366.07 ng/ml



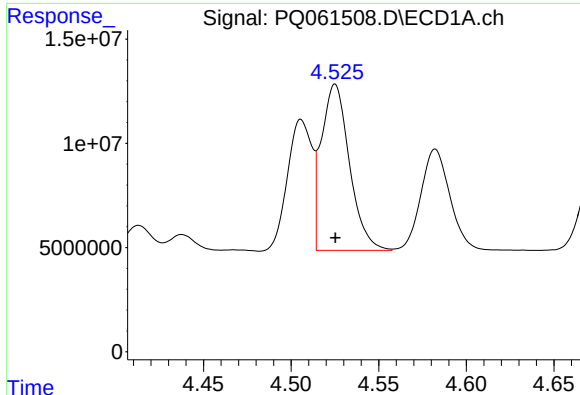
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 45624881
Conc: 830.51 ng/ml



#12 AR-1232-2

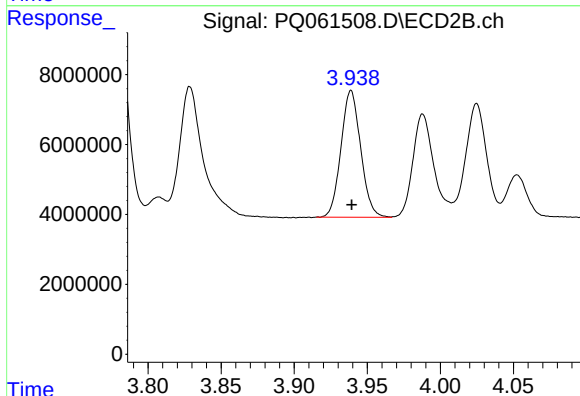
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 64388326
Conc: 934.55 ng/ml



#13 AR-1232-3

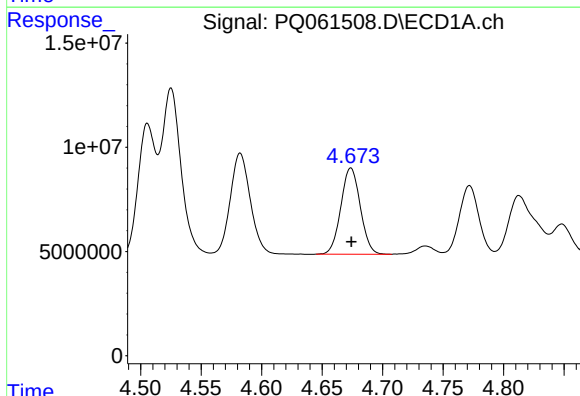
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 89090250
Conc: 852.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



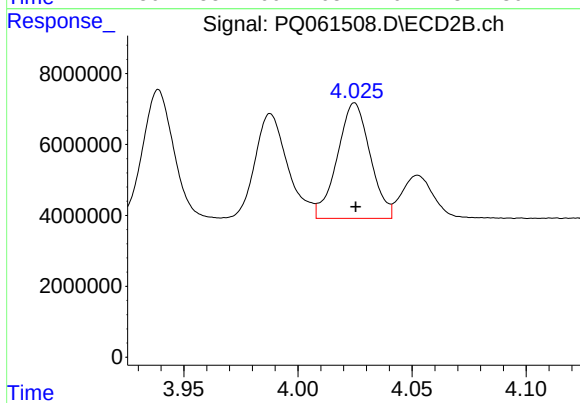
#13 AR-1232-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 33997067
Conc: 940.18 ng/ml



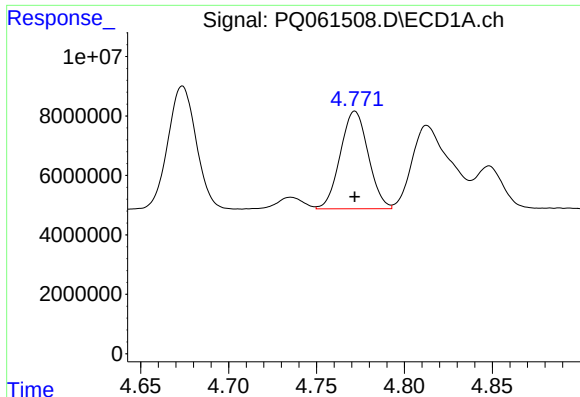
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 46294727
Conc: 872.54 ng/ml



#14 AR-1232-4

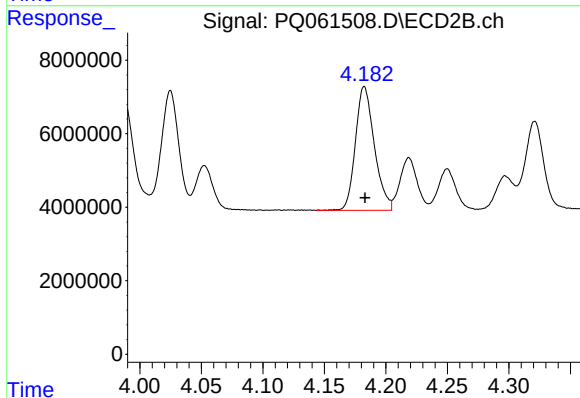
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 32641118
Conc: 1012.73 ng/ml



#15 AR-1232-5

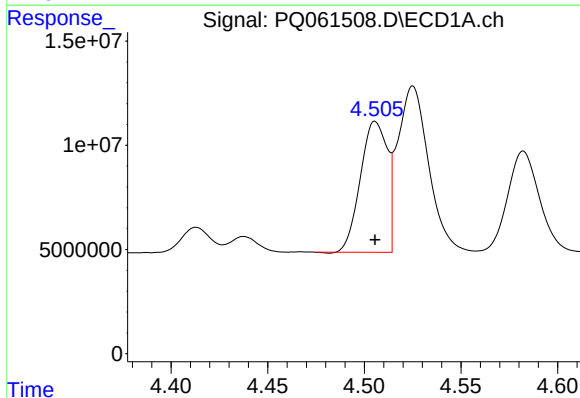
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 36448160
Conc: 966.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



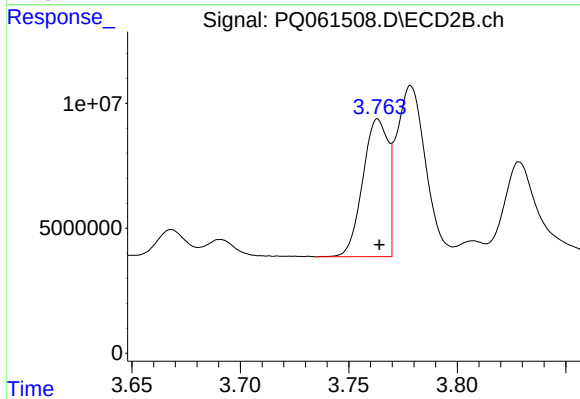
#15 AR-1232-5

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 36112472
Conc: 942.29 ng/ml



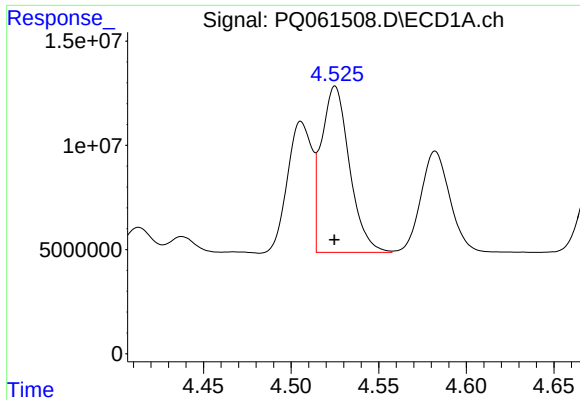
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 60693689
Conc: 534.89 ng/ml



#16 AR-1242-1

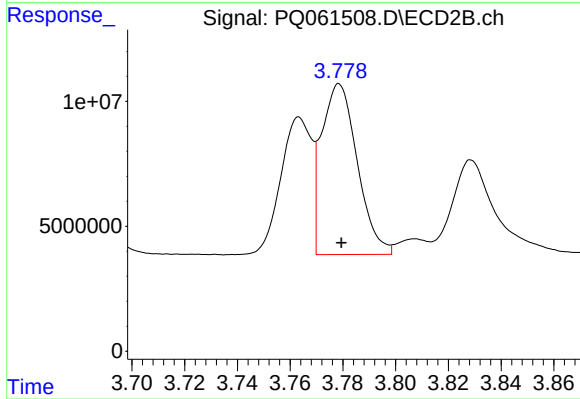
R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 44643391
Conc: 582.89 ng/ml



#17 AR-1242-2

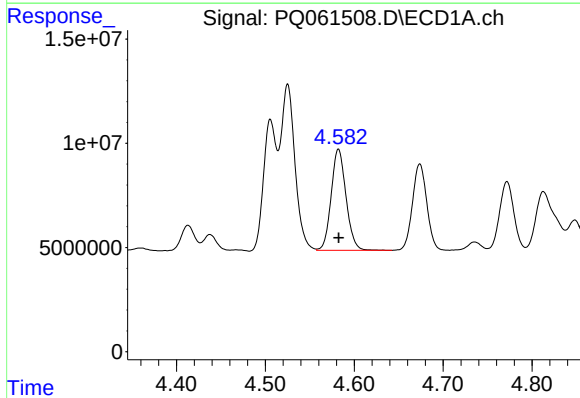
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 89090250
Conc: 524.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



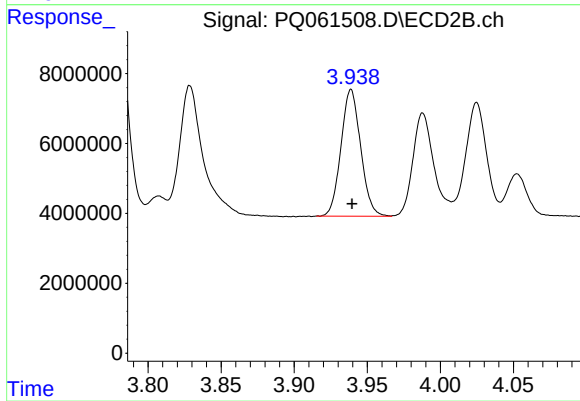
#17 AR-1242-2

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 64388326
Conc: 581.00 ng/ml



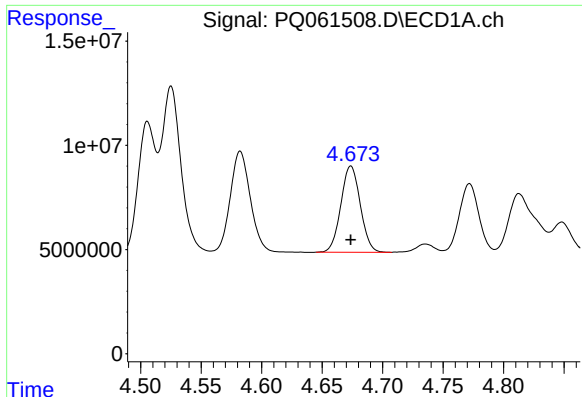
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 56245303
Conc: 525.75 ng/ml



#18 AR-1242-3

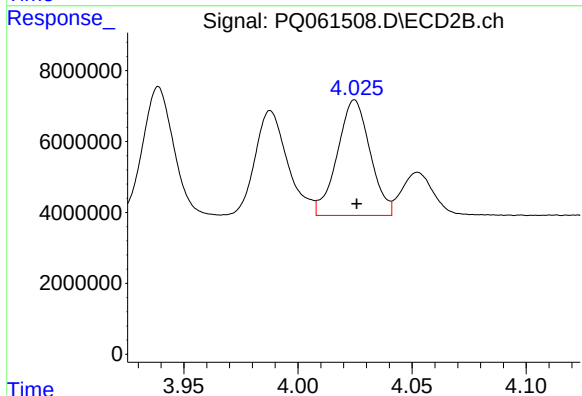
R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 33997067
Conc: 574.45 ng/ml



#19 AR-1242-4

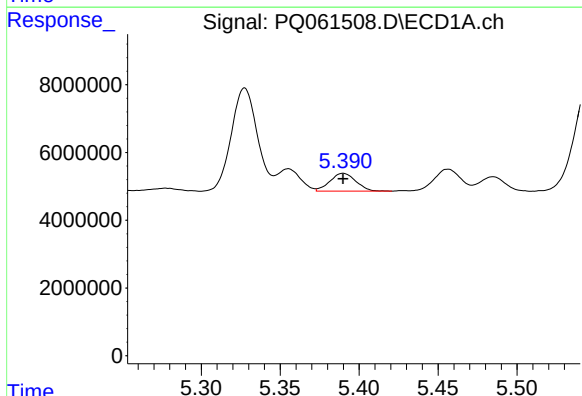
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 46294727
Conc: 533.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



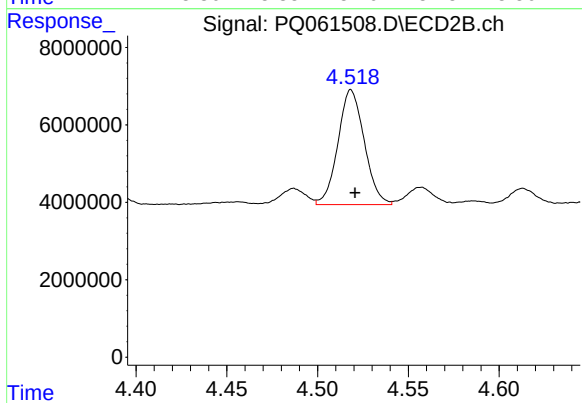
#19 AR-1242-4

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 32641118
Conc: 545.06 ng/ml



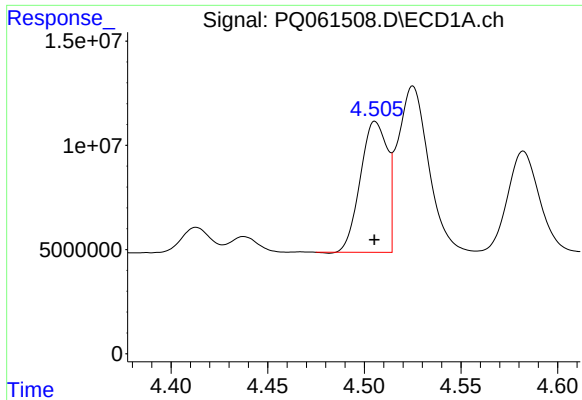
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 6032972
Conc: 68.02 ng/ml



#20 AR-1242-5

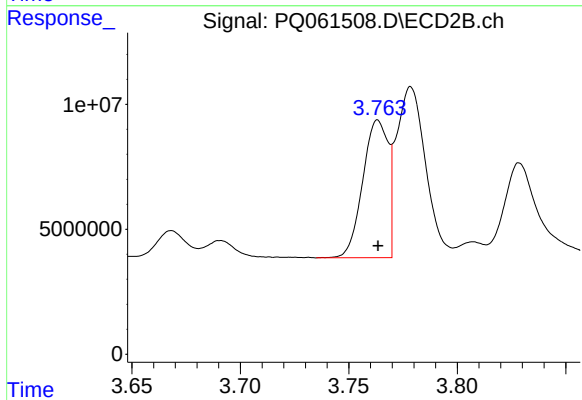
R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 29971164
Conc: 374.31 ng/ml



#21 AR-1248-1

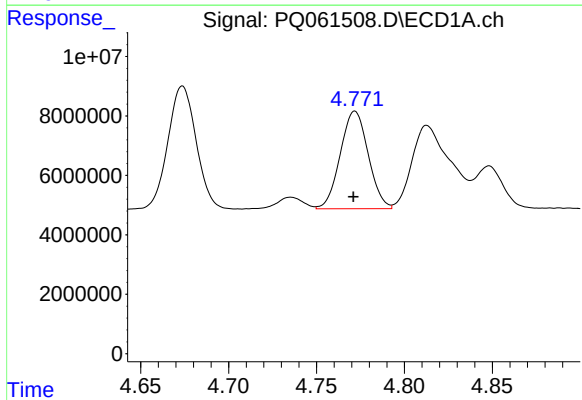
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 60693689
Conc: 673.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



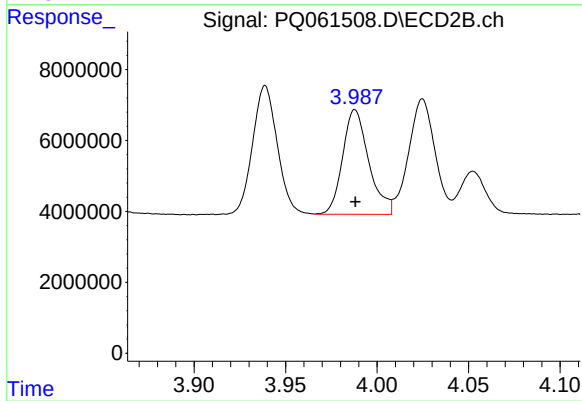
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 44643391
Conc: 717.33 ng/ml



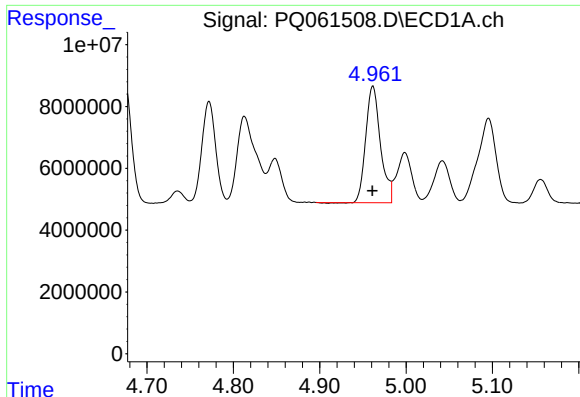
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 36448160
Conc: 286.71 ng/ml



#22 AR-1248-2

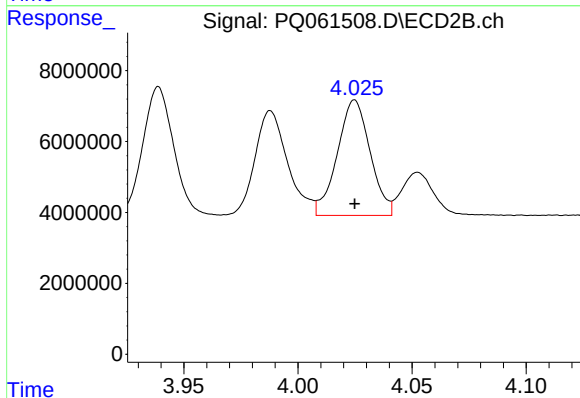
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 29415340
Conc: 304.33 ng/ml



#23 AR-1248-3

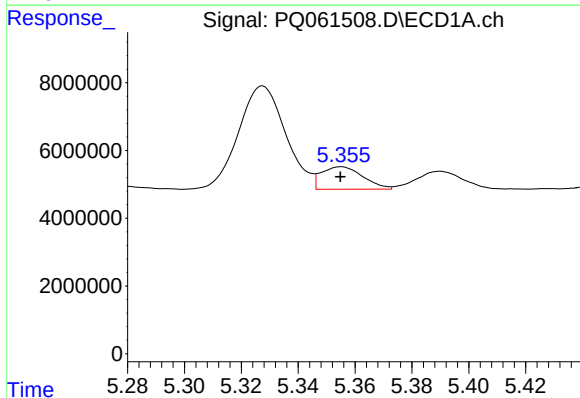
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 44697126
Conc: 290.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



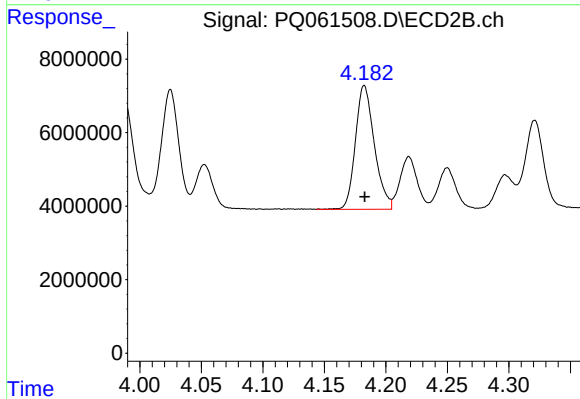
#23 AR-1248-3

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 32641118
Conc: 357.07 ng/ml



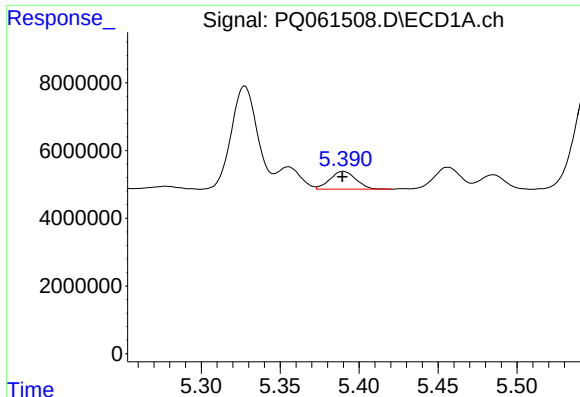
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 6743835
Conc: 39.73 ng/ml



#24 AR-1248-4

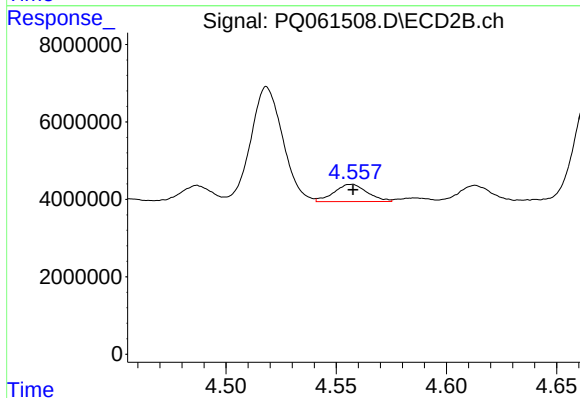
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 36112472
Conc: 318.93 ng/ml



#25 AR-1248-5

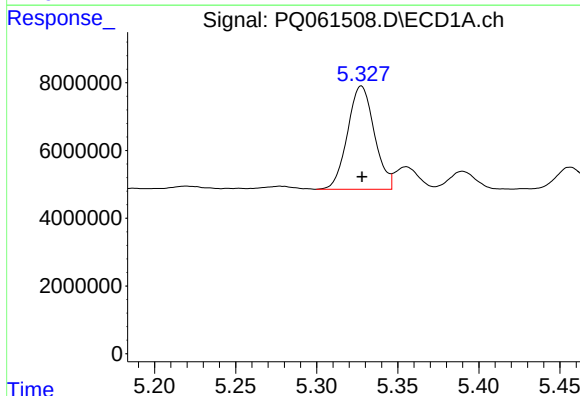
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 6032972
Conc: 36.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



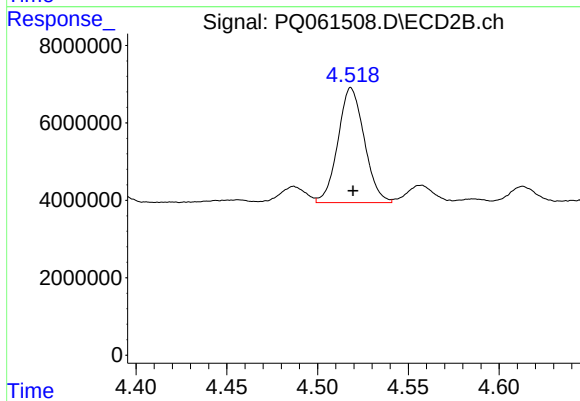
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 4672157
Conc: 42.42 ng/ml



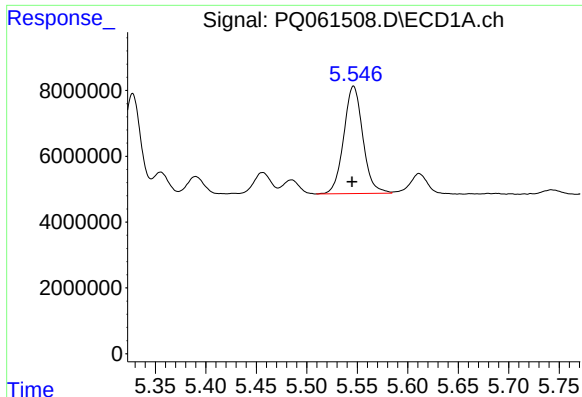
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 35087168
Conc: 205.43 ng/ml



#26 AR-1254-1

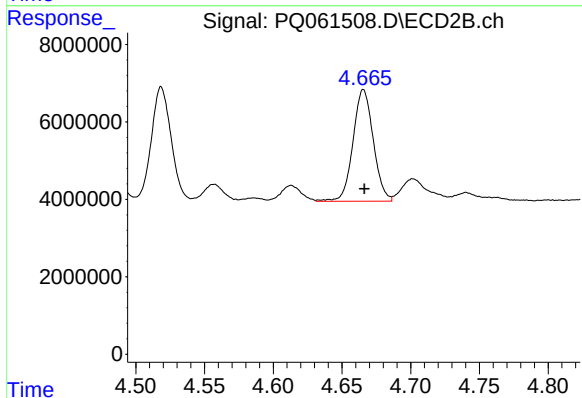
R.T.: 4.518 min
Delta R.T.: -0.001 min
Response: 29971164
Conc: 182.26 ng/ml



#27 AR-1254-2

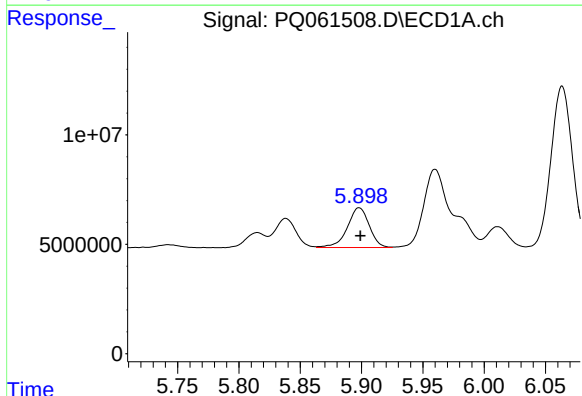
R.T.: 5.546 min
Delta R.T.: 0.001 min
Response: 42961033
Conc: 160.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



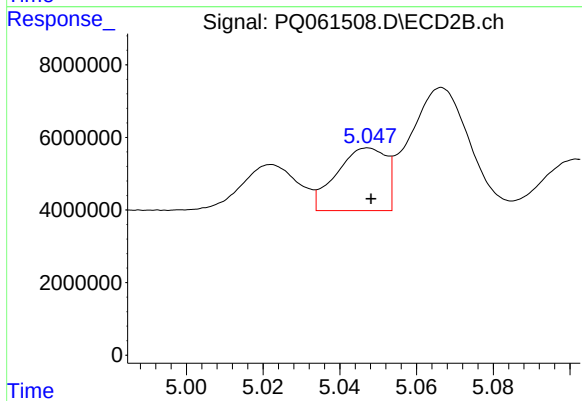
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 29698084
Conc: 197.45 ng/ml



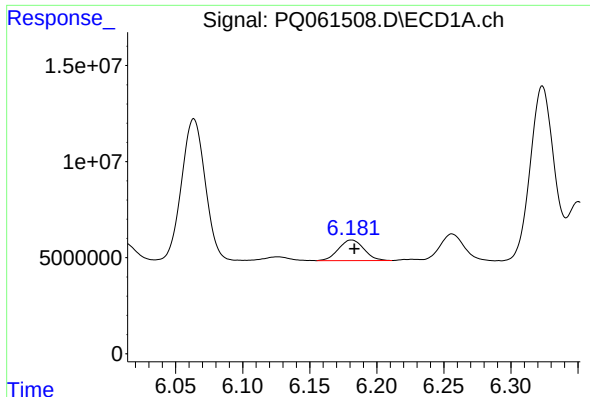
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 22597831
Conc: 80.87 ng/ml



#28 AR-1254-3

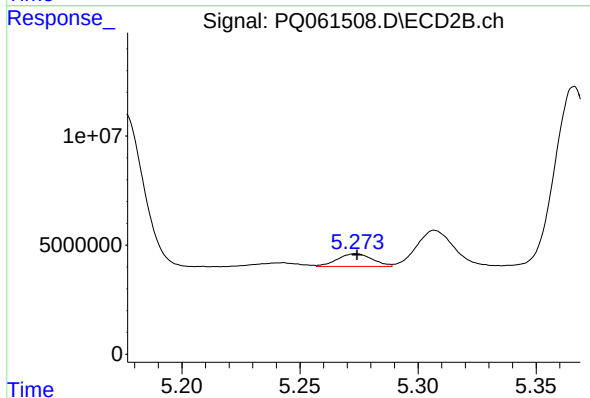
R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 15455716
Conc: 66.42 ng/ml



#29 AR-1254-4

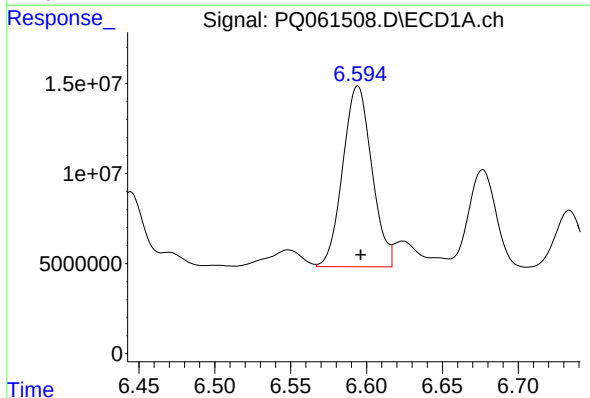
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 14029166
Conc: 68.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



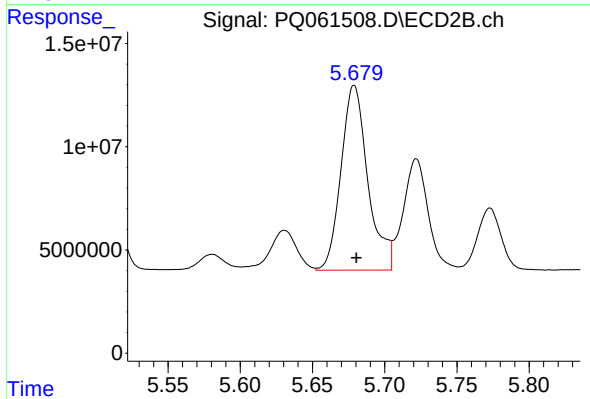
#29 AR-1254-4

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 6068048
Conc: 42.24 ng/ml



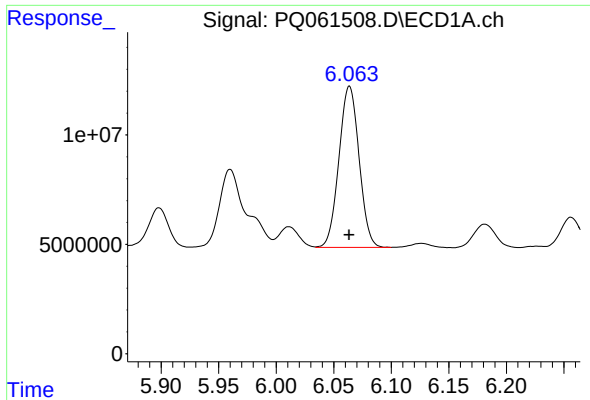
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 133667431
Conc: 566.67 ng/ml



#30 AR-1254-5

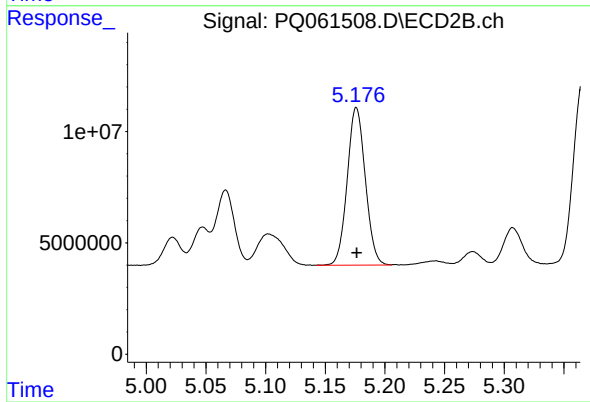
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 115631749
Conc: 506.91 ng/ml



#31 AR-1260-1

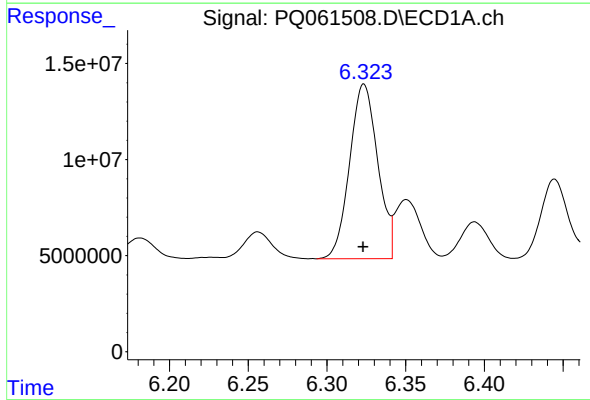
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 89992529
Conc: 405.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



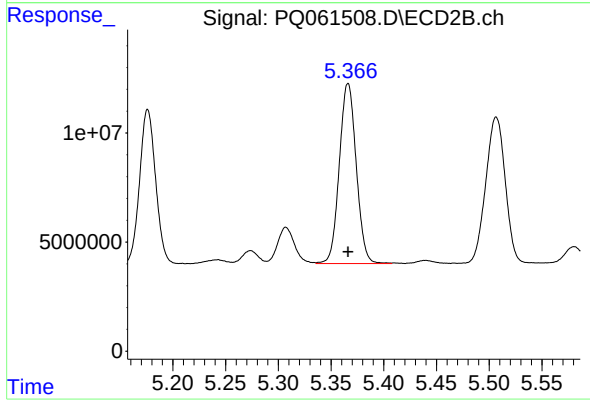
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 74756694
Conc: 434.61 ng/ml



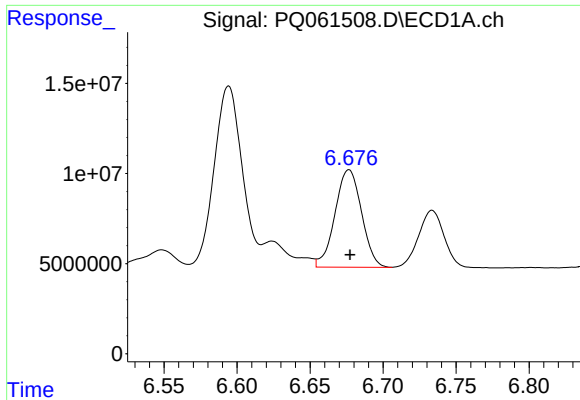
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 112825437
Conc: 424.09 ng/ml



#32 AR-1260-2

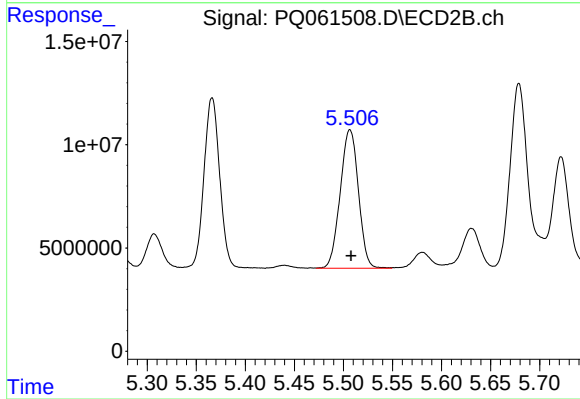
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 92211333
Conc: 444.96 ng/ml



#33 AR-1260-3

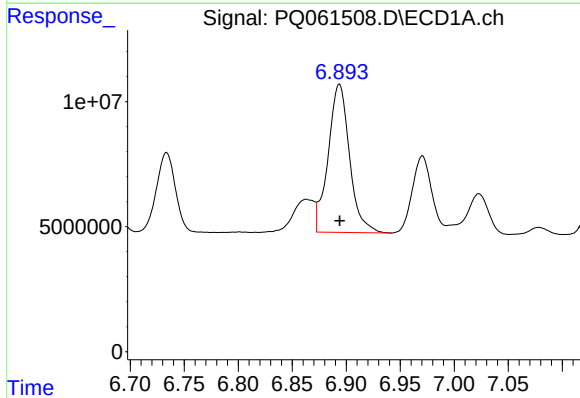
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 68533901
Conc: 407.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



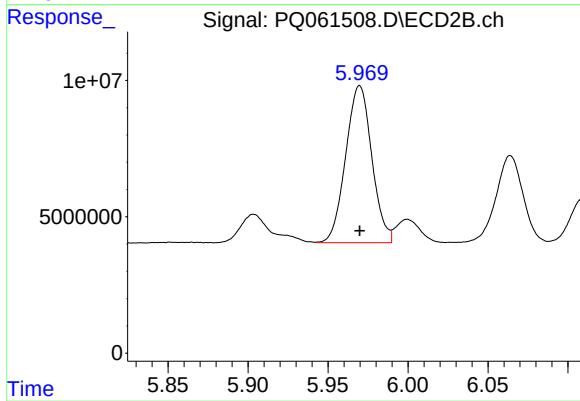
#33 AR-1260-3

R.T.: 5.507 min
Delta R.T.: -0.001 min
Response: 86715799
Conc: 436.61 ng/ml



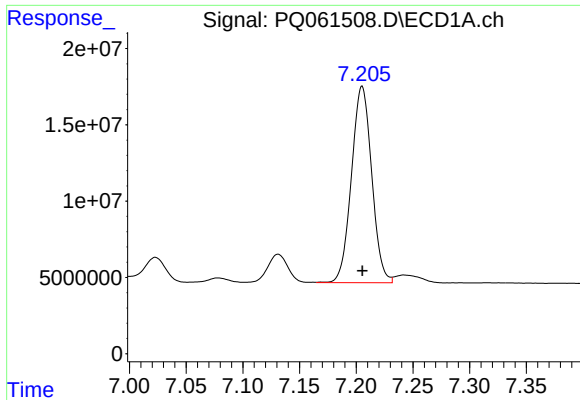
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 81603407
Conc: 406.60 ng/ml



#34 AR-1260-4

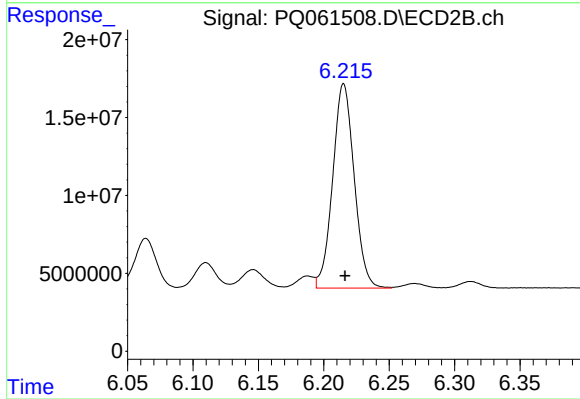
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 65496087
Conc: 445.23 ng/ml



#35 AR-1260-5

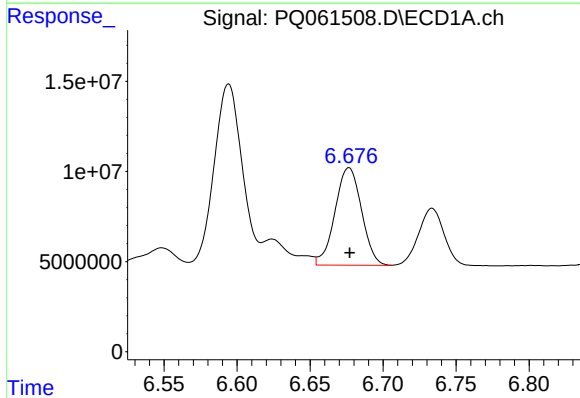
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 159985827
Conc: 420.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



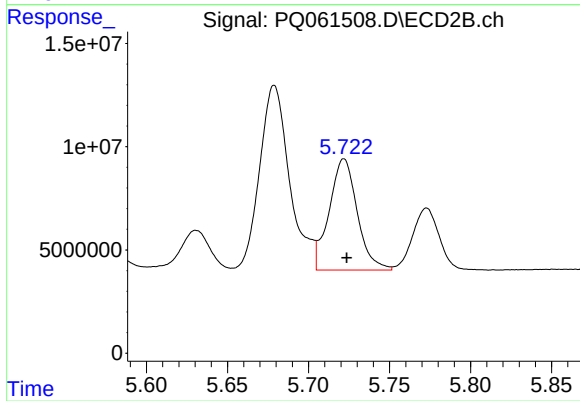
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 150061155
Conc: 462.14 ng/ml



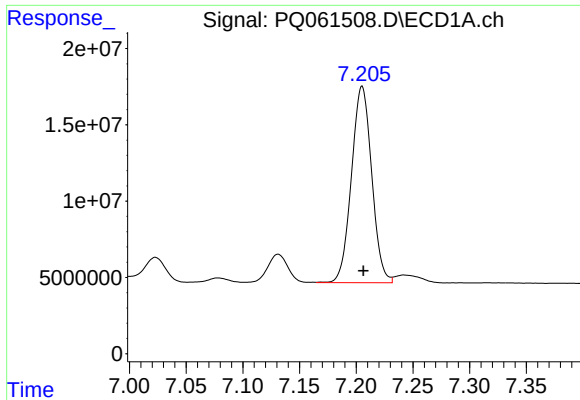
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 68533901
Conc: 228.91 ng/ml



#36 AR-1262-1

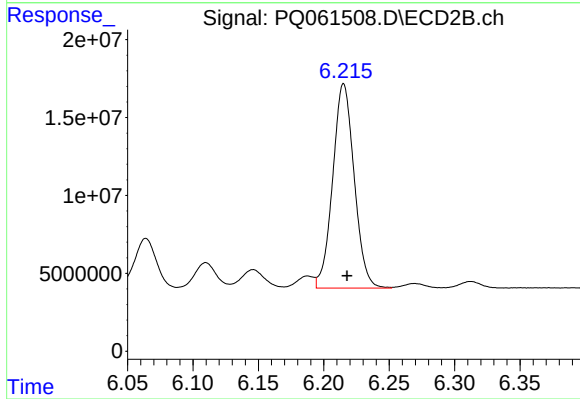
R.T.: 5.722 min
Delta R.T.: -0.002 min
Response: 65043052
Conc: 268.39 ng/ml



#37 AR-1262-2

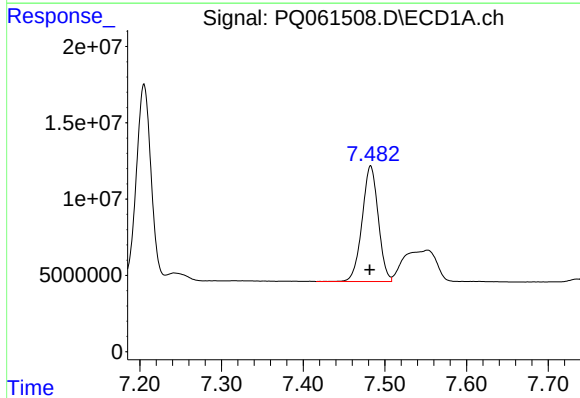
R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 159985827
Conc: 317.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



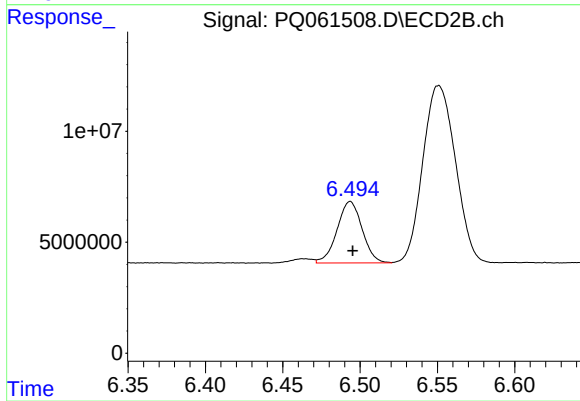
#37 AR-1262-2

R.T.: 6.215 min
Delta R.T.: -0.003 min
Response: 150061155
Conc: 343.35 ng/ml



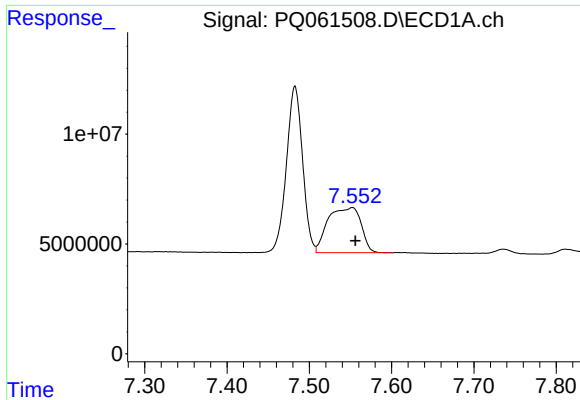
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.001 min
Response: 103769819
Conc: 307.06 ng/ml



#38 AR-1262-3

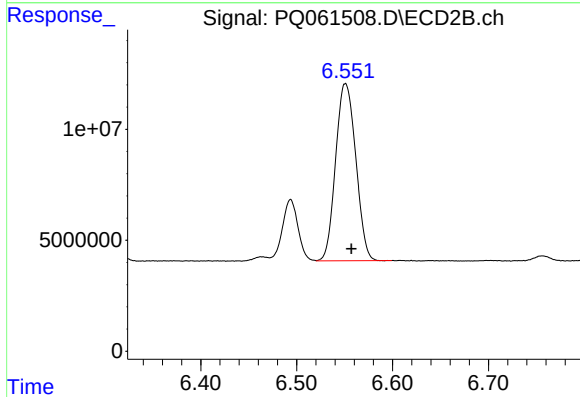
R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 31169158
Conc: 172.95 ng/ml



#39 AR-1262-4

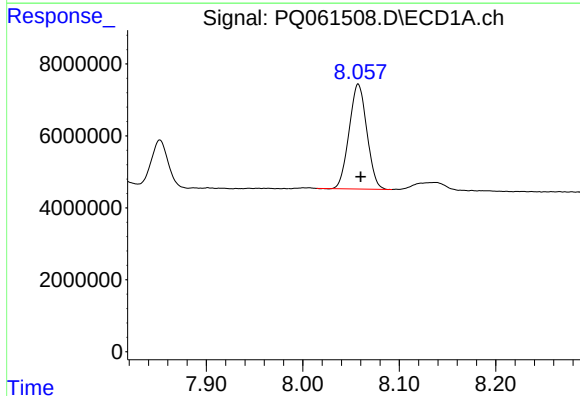
R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 57447130
Conc: 223.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



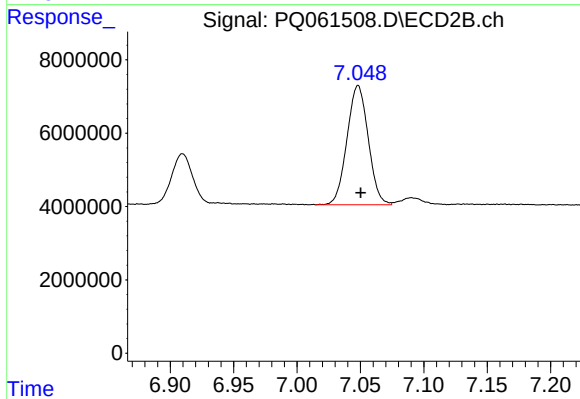
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: -0.006 min
Response: 116823037
Conc: 352.27 ng/ml



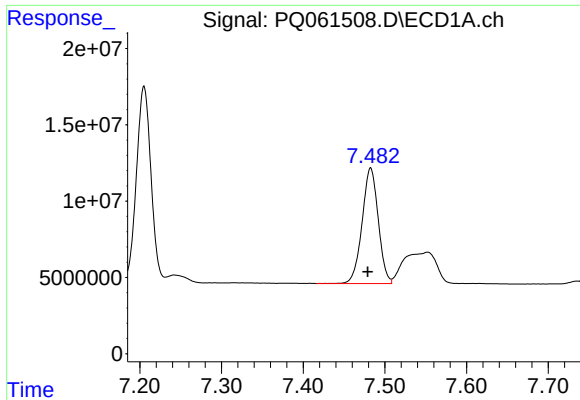
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.003 min
Response: 37351574
Conc: 219.32 ng/ml



#40 AR-1262-5

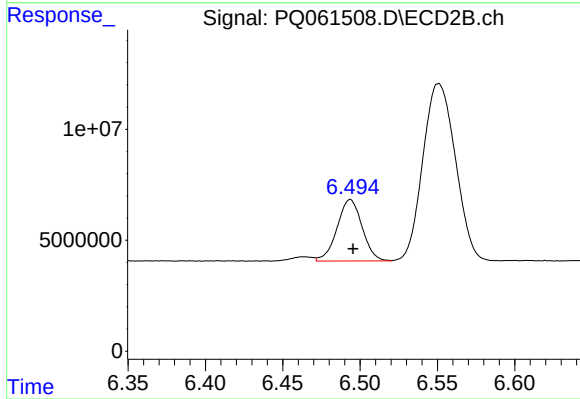
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 37941549
Conc: 236.51 ng/ml



#41 AR-1268-1

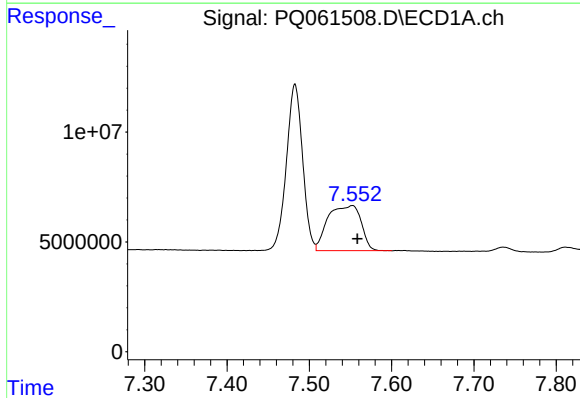
R.T.: 7.483 min
Delta R.T.: 0.003 min
Response: 103769819
Conc: 188.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



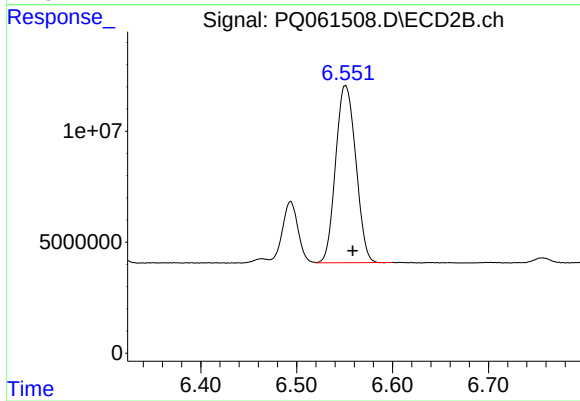
#41 AR-1268-1

R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 31169158
Conc: 63.44 ng/ml



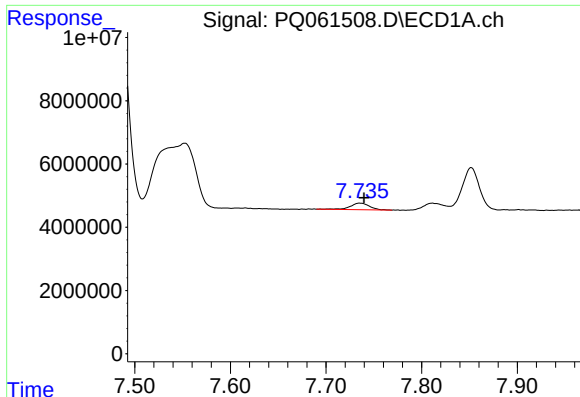
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.007 min
Response: 57447130
Conc: 116.59 ng/ml



#42 AR-1268-2

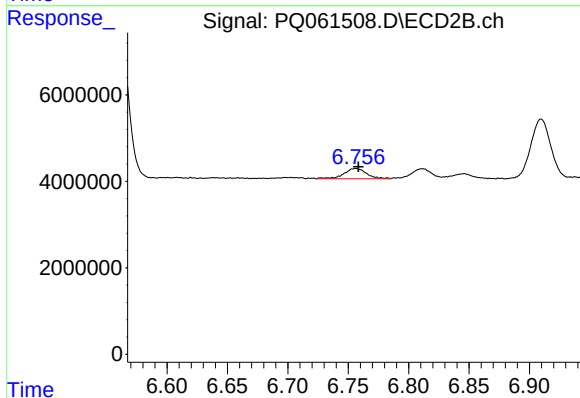
R.T.: 6.551 min
Delta R.T.: -0.007 min
Response: 116823037
Conc: 262.59 ng/ml



#43 AR-1268-3

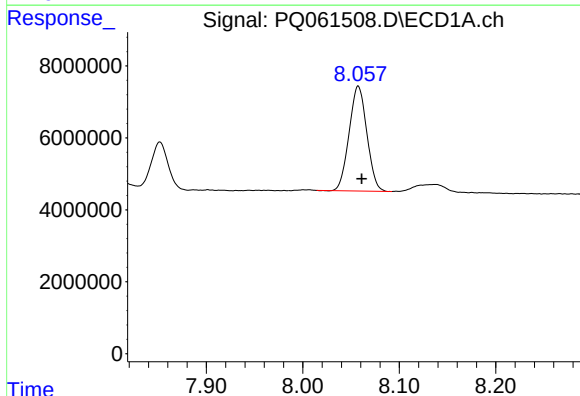
R.T.: 7.736 min
Delta R.T.: -0.004 min
Response: 2919151
Conc: 7.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



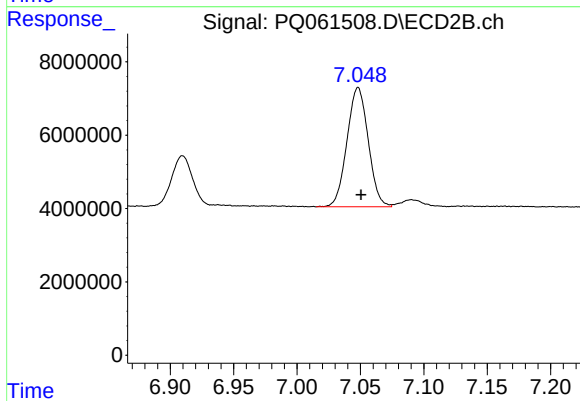
#43 AR-1268-3

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 3108803
Conc: 7.94 ng/ml



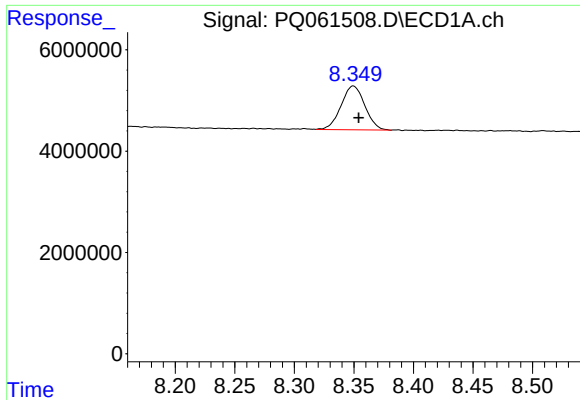
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.004 min
Response: 37351574
Conc: 211.02 ng/ml



#44 AR-1268-4

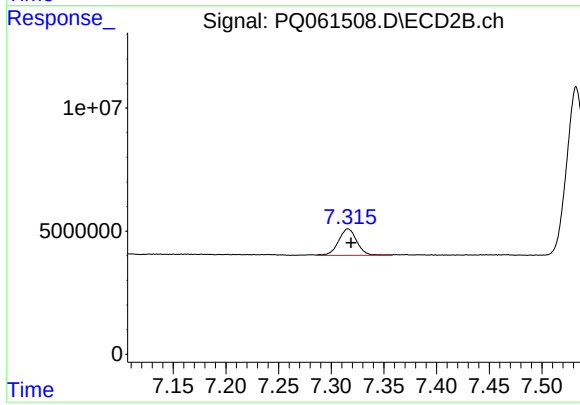
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 37941549
Conc: 226.00 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: -0.004 min
Response: 12060383
Conc: 10.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 12960655
Conc: 10.45 ng/ml