

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 21:45
 Operator : YP\AJ
 Sample : 03335-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:35:26 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...	3.405	2.760	103.0E6	56328893	22.917	21.094
2)	SA Decachlor...	8.582	7.530	81360002	67384013	24.152	20.076
Target Compounds							
3)	L1 AR-1016-1	4.506	3.762	76390991	57157148	496.212	554.163
4)	L1 AR-1016-2	4.524	3.778	116.6E6	75736410	511.061	508.351
5)	L1 AR-1016-3	4.582	3.938	73303285	40727027	515.852	515.364
6)	L1 AR-1016-4	4.674	3.987	66316032	32944135	575.971	463.953
7)	L1 AR-1016-5	4.961	4.182	63160614	49542691	546.501	578.678
8)	L2 AR-1221-1	3.600	2.961	8952859	5016151	159.557	140.879
9)	L2 AR-1221-2	3.684	3.039	9228757	8053851	218.690	292.416 #
10)	L2 AR-1221-3	3.753	3.107	45753218	27738652	349.045	327.337
11)	L3 AR-1232-1	3.753	3.107	45753218	27738652	478.648	450.429
12)	L3 AR-1232-2	4.246	3.778	68185631	75736410	1241.190	1099.259
13)	L3 AR-1232-3	4.524	3.938	116.6E6	40727027	1116.278	1126.295
14)	L3 AR-1232-4	4.674	4.023	66316032	37653005	1249.888	1168.229
15)	L3 AR-1232-5	4.771	4.182	48828458	49542691	1294.757	1292.723
16)	L4 AR-1242-1	4.506	3.762	76390991	57157148	673.235	746.282
17)	L4 AR-1242-2	4.524	3.778	116.6E6	75736410	686.733	683.393
18)	L4 AR-1242-3	4.582	3.938	73303285	40727027	685.201	688.161
19)	L4 AR-1242-4	4.674	4.023	66316032	37653005	764.097	628.750
20)	L4 AR-1242-5	5.389	4.518	9168398	47975802	103.378	599.174 #
21)	L5 AR-1248-1	4.506	3.762	76390991	57157148	847.809	918.400
22)	L5 AR-1248-2	4.771	3.987	48828458	32944135	384.097	340.838
23)	L5 AR-1248-3	4.961	4.023	63160614	37653005	410.026	411.899
24)	L5 AR-1248-4	5.355	4.182	8885213	49542691	52.343	437.536 #
25)	L5 AR-1248-5	5.389	4.556	9168398	19806210	55.963	179.834 #
26)	L6 AR-1254-1	5.328	4.518	42601564	47975802	249.422	291.742
27)	L6 AR-1254-2	5.542	4.665	31699540	52356572	118.554	348.102 #
28)	L6 AR-1254-3	5.898	5.047	44021860	20110662	157.534	86.424 #
29)	L6 AR-1254-4	6.181	5.273	20897354	8102469	102.095	56.396 #
30)	L6 AR-1254-5	6.594	5.678	158.9E6	124.7E6	673.675	546.591
31)	L7 AR-1260-1	6.063	5.176	103.3E6	82515894	464.901	479.717
32)	L7 AR-1260-2	6.322	5.366	160.3E6	103.4E6	602.585	499.030
33)	L7 AR-1260-3	6.677	5.507	80194594	86943185	476.930	437.751
34)	L7 AR-1260-4	6.894	5.969	97746310	67326322	487.038	457.674
35)	L7 AR-1260-5	7.205	6.215	199.4E6	148.5E6	523.949	457.407
36)	L8 AR-1262-1	6.677	5.722	80194594	69304731	267.854	285.973
37)	L8 AR-1262-2	7.205	6.215	199.4E6	148.5E6	395.515	339.834
38)	L8 AR-1262-3	7.483	6.493	126.2E6	26225270	373.389	145.520 #
39)	L8 AR-1262-4	7.552	6.551	31951915	104.4E6	124.416	314.749 #
40)	L8 AR-1262-5	8.057	7.047	44393129	38003703	260.663	236.901
41)	L9 AR-1268-1	7.483	6.493	126.2E6	26225270	229.115	53.380 #

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 ALS Vial : 22 Sample Multiplier: 1

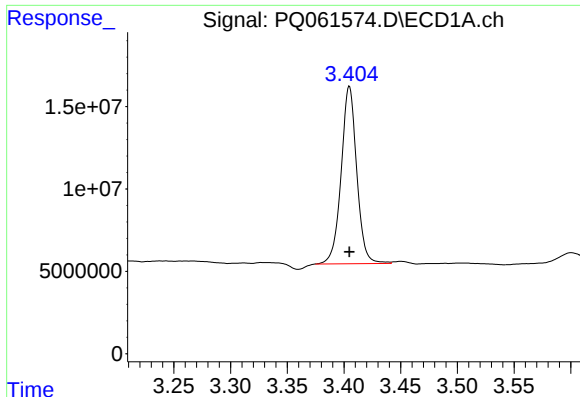
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:35:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
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 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	31951915	104.4E6	64.846	234.621 #
43) L9	AR-1268-3	7.735	6.755	4478604	4417920	10.861	11.285
44) L9	AR-1268-4	8.057	7.047	44393129	38003703	250.798	226.375
45) L9	AR-1268-5	8.349	7.315	14652172	14274937	12.327	11.511

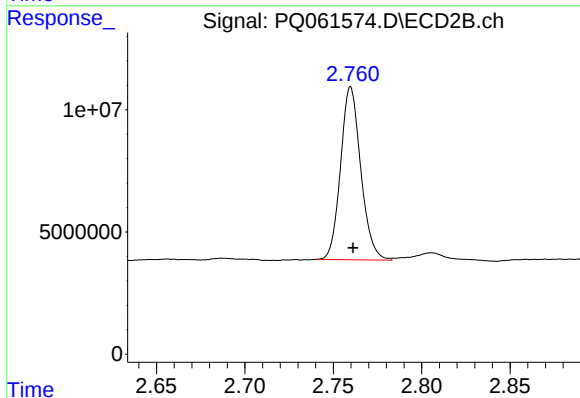
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

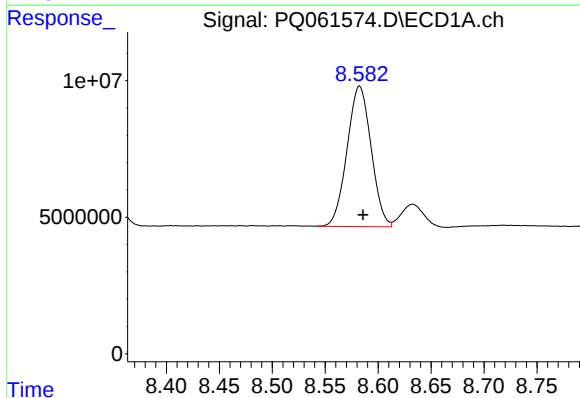
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 103014138
Conc: 22.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



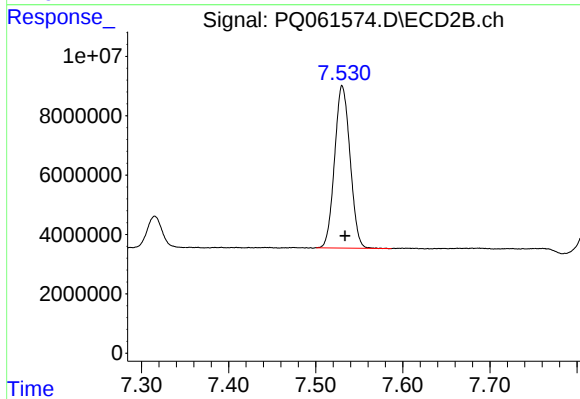
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 56328893
Conc: 21.09 ng/ml



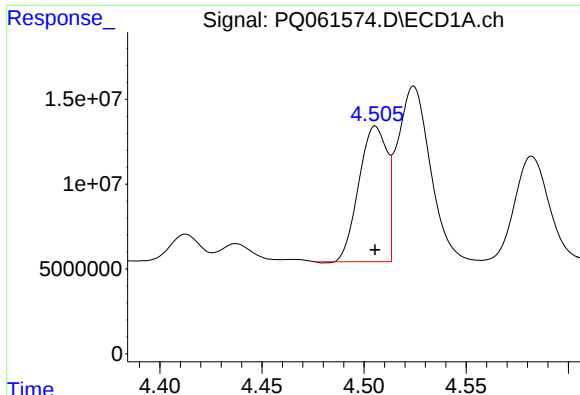
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.003 min
Response: 81360002
Conc: 24.15 ng/ml



#2 Decachlorobiphenyl

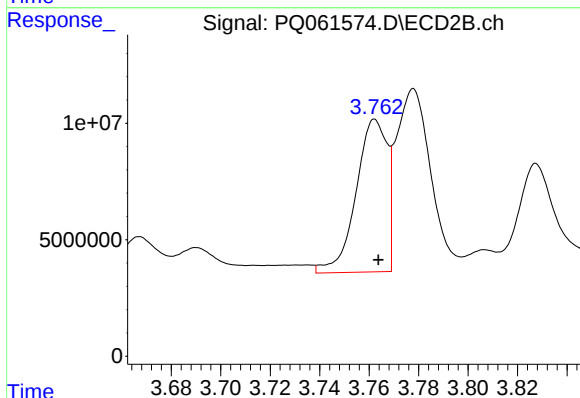
R.T.: 7.530 min
Delta R.T.: -0.003 min
Response: 67384013
Conc: 20.08 ng/ml



#3 AR-1016-1

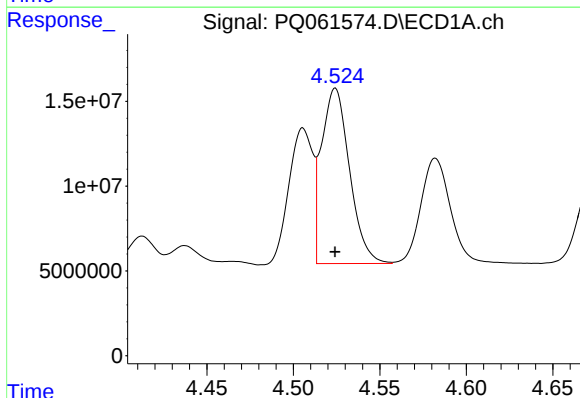
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 76390991
Conc: 496.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



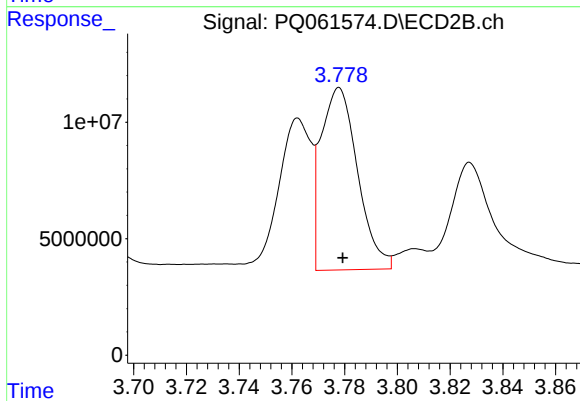
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 57157148
Conc: 554.16 ng/ml



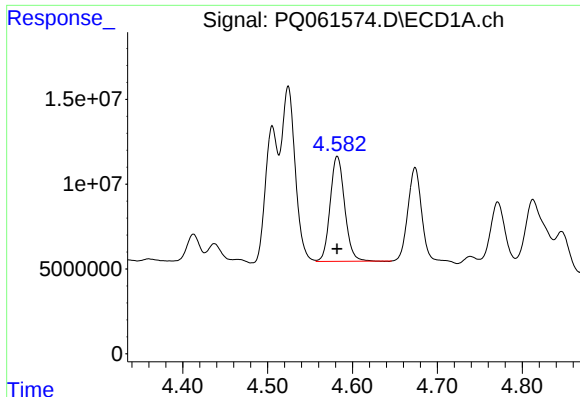
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 116606172
Conc: 511.06 ng/ml



#4 AR-1016-2

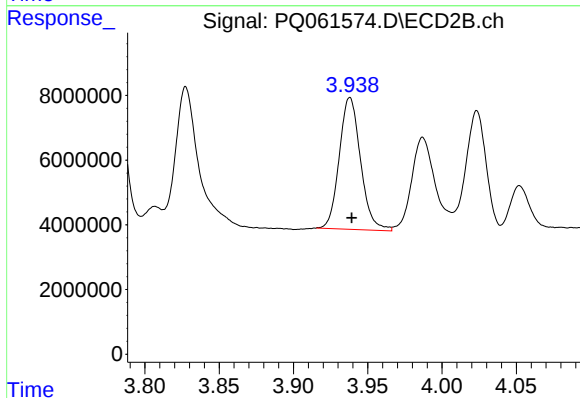
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 75736410
Conc: 508.35 ng/ml



#5 AR-1016-3

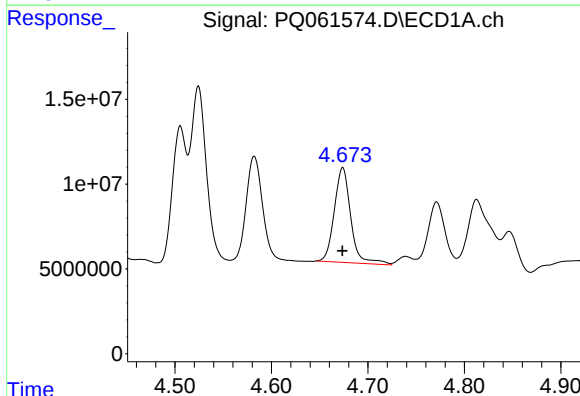
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 73303285
Conc: 515.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



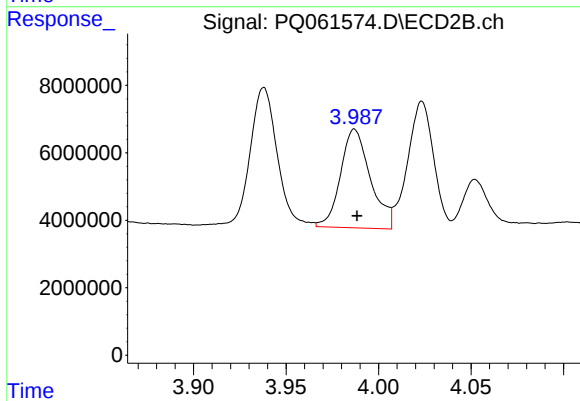
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 40727027
Conc: 515.36 ng/ml



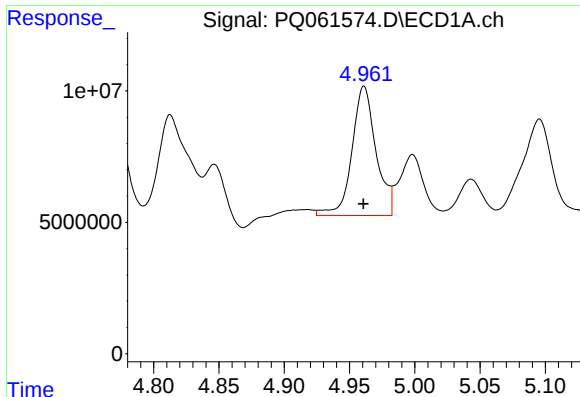
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 66316032
Conc: 575.97 ng/ml



#6 AR-1016-4

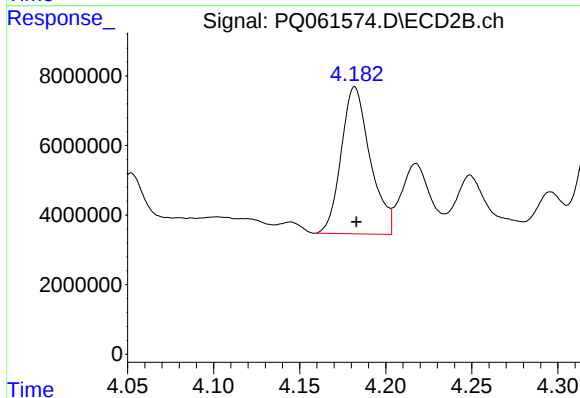
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 32944135
Conc: 463.95 ng/ml



#7 AR-1016-5

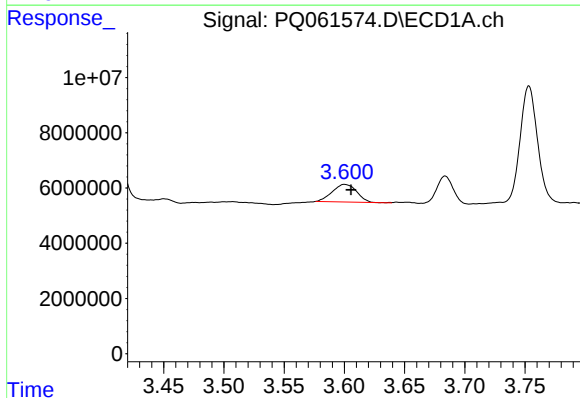
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 63160614
Conc: 546.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



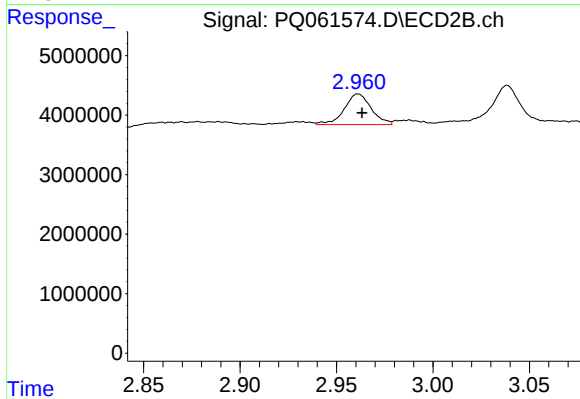
#7 AR-1016-5

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 49542691
Conc: 578.68 ng/ml



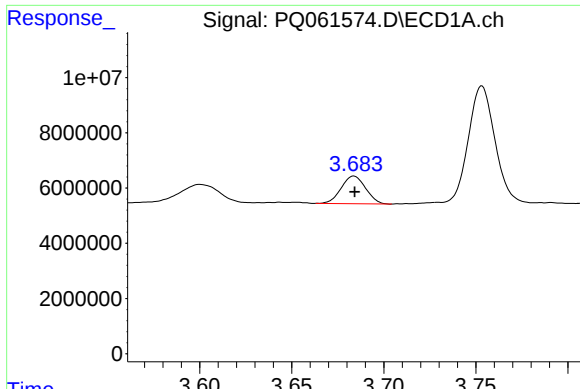
#8 AR-1221-1

R.T.: 3.600 min
Delta R.T.: -0.005 min
Response: 8952859
Conc: 159.56 ng/ml



#8 AR-1221-1

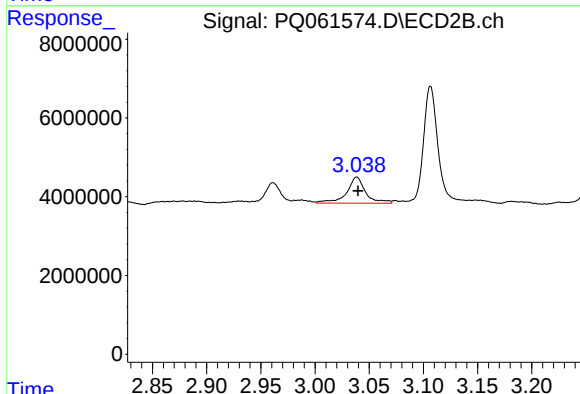
R.T.: 2.961 min
Delta R.T.: -0.002 min
Response: 5016151
Conc: 140.88 ng/ml



#9 AR-1221-2

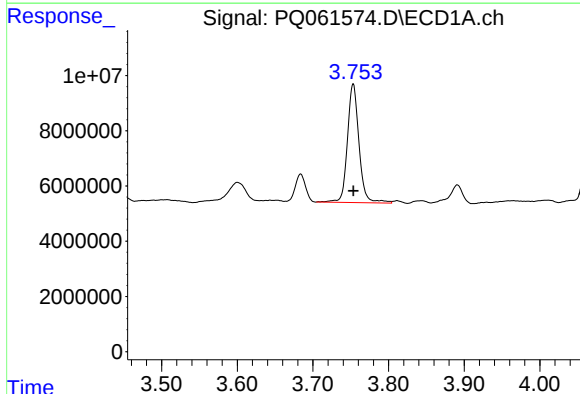
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 9228757
Conc: 218.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



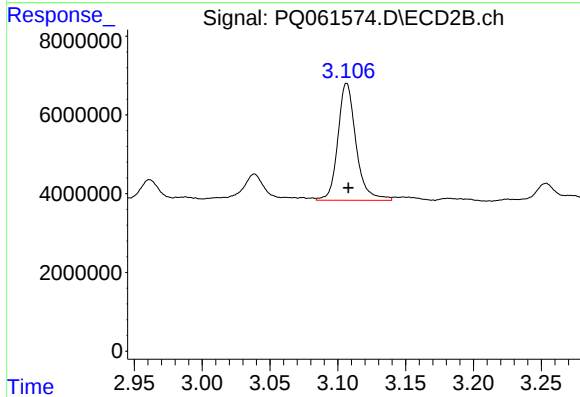
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: -0.001 min
Response: 8053851
Conc: 292.42 ng/ml



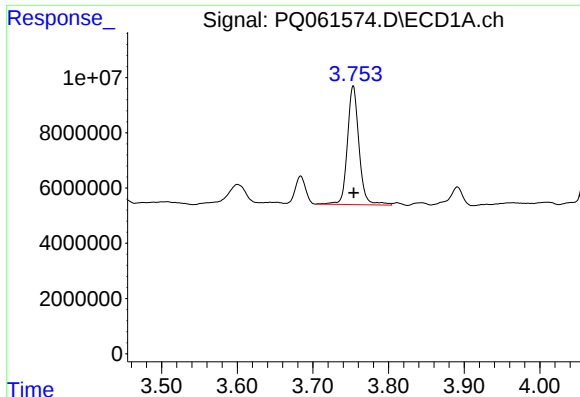
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 45753218
Conc: 349.04 ng/ml



#10 AR-1221-3

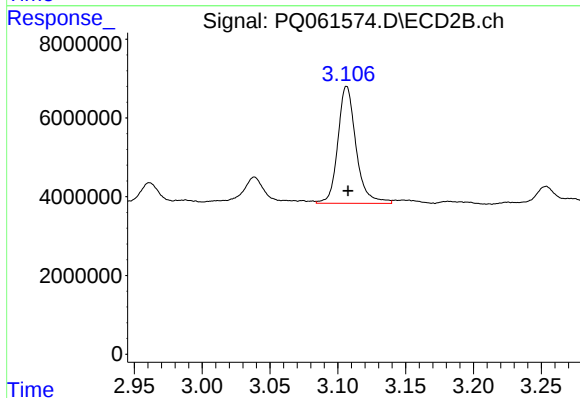
R.T.: 3.107 min
Delta R.T.: -0.001 min
Response: 27738652
Conc: 327.34 ng/ml



#11 AR-1232-1

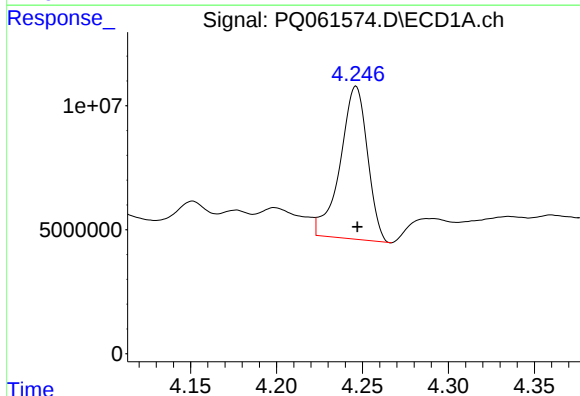
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 45753218
Conc: 478.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



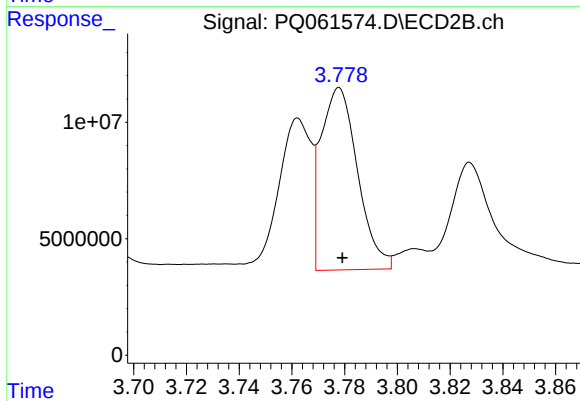
#11 AR-1232-1

R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 27738652
Conc: 450.43 ng/ml



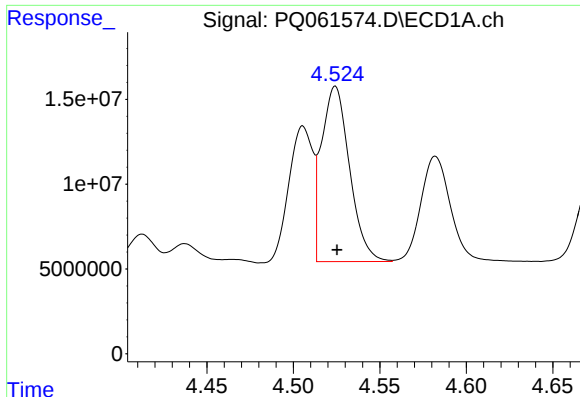
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 68185631
Conc: 1241.19 ng/ml



#12 AR-1232-2

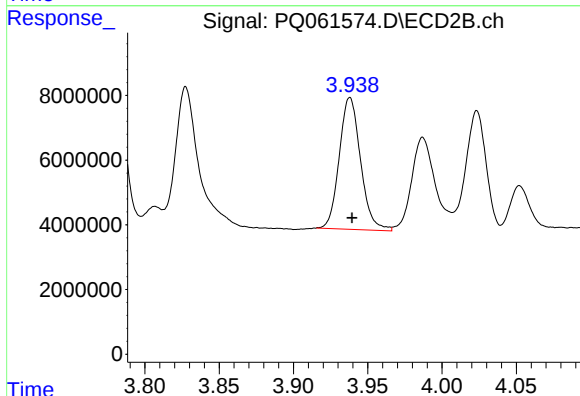
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 75736410
Conc: 1099.26 ng/ml



#13 AR-1232-3

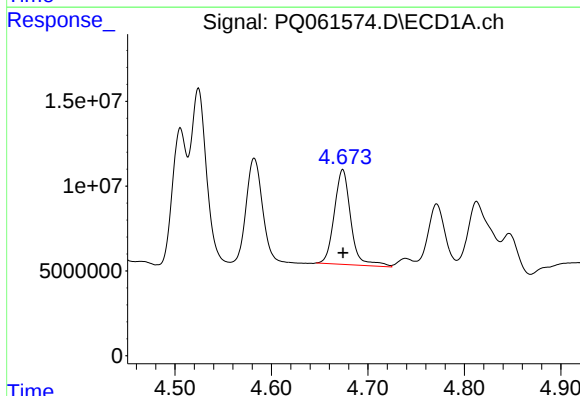
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 116606172
Conc: 1116.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



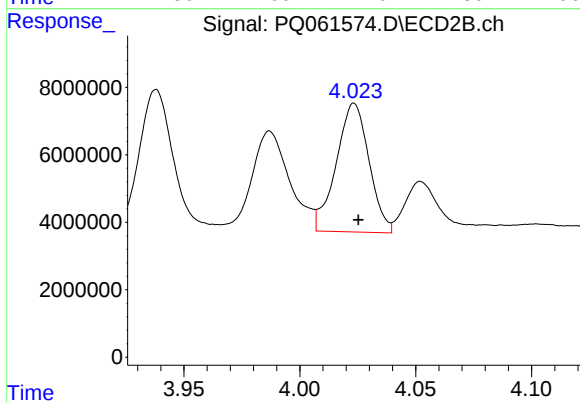
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 40727027
Conc: 1126.29 ng/ml



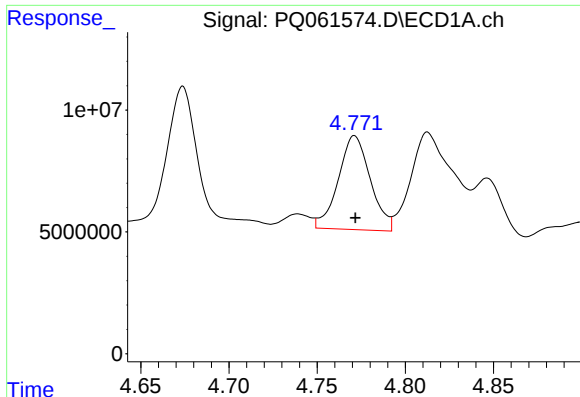
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 66316032
Conc: 1249.89 ng/ml



#14 AR-1232-4

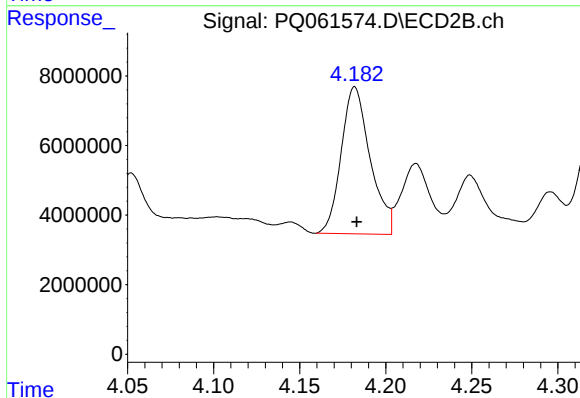
R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 37653005
Conc: 1168.23 ng/ml



#15 AR-1232-5

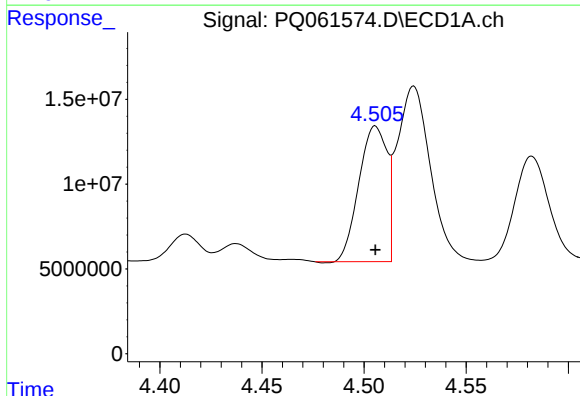
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 48828458
Conc: 1294.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



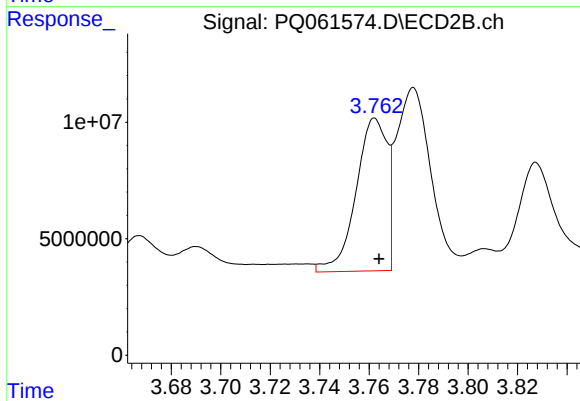
#15 AR-1232-5

R.T.: 4.182 min
Delta R.T.: -0.001 min
Response: 49542691
Conc: 1292.72 ng/ml



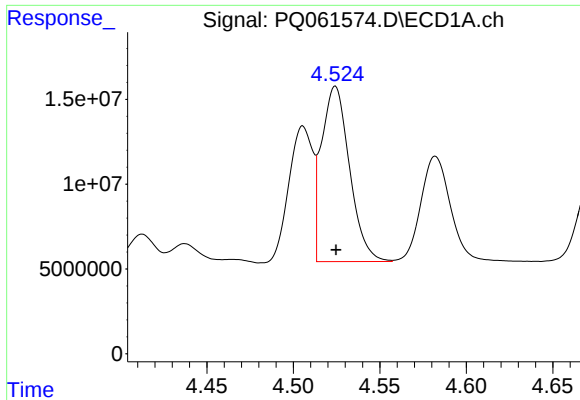
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 76390991
Conc: 673.23 ng/ml



#16 AR-1242-1

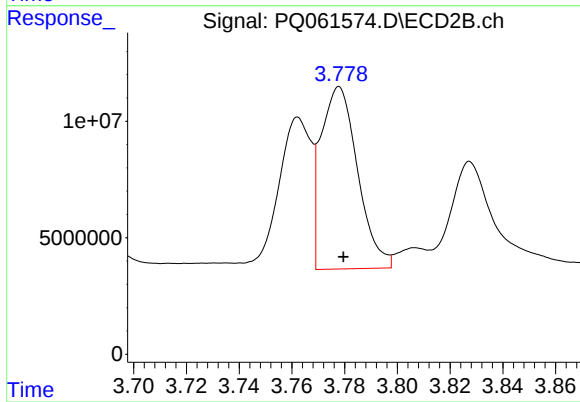
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 57157148
Conc: 746.28 ng/ml



#17 AR-1242-2

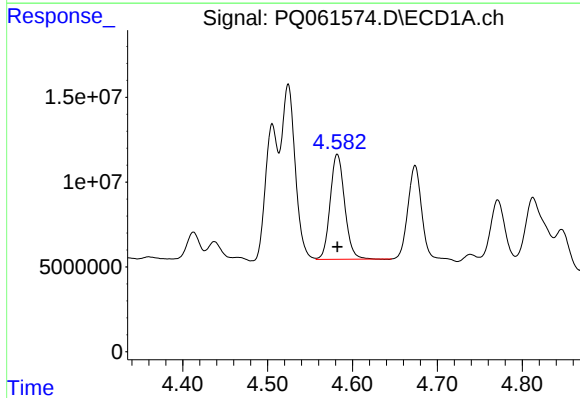
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 116606172
Conc: 686.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



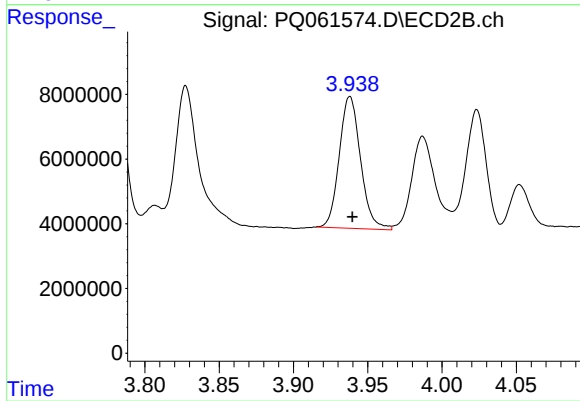
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 75736410
Conc: 683.39 ng/ml



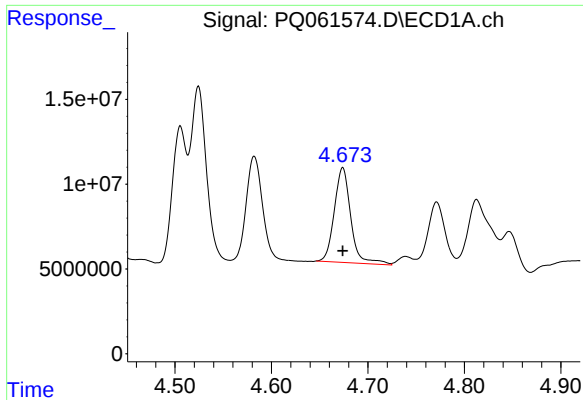
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 73303285
Conc: 685.20 ng/ml



#18 AR-1242-3

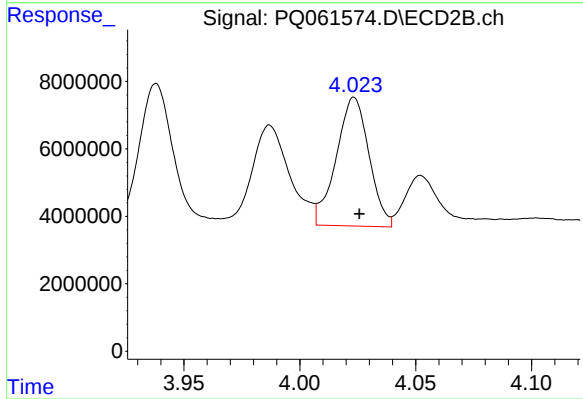
R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 40727027
Conc: 688.16 ng/ml



#19 AR-1242-4

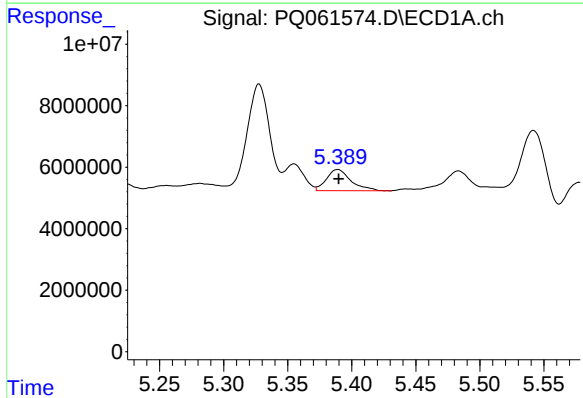
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 66316032
Conc: 764.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



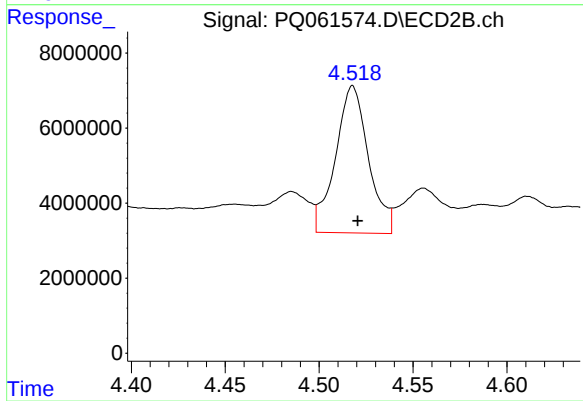
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 37653005
Conc: 628.75 ng/ml



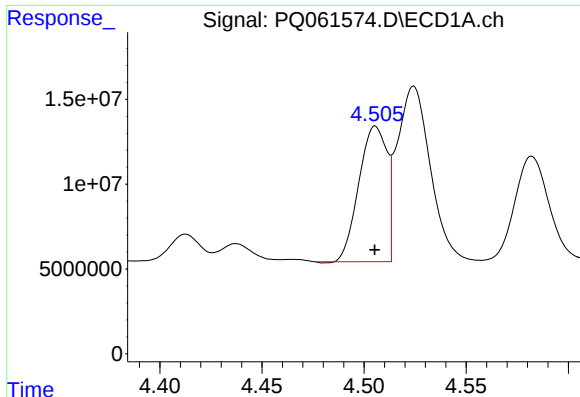
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 9168398
Conc: 103.38 ng/ml



#20 AR-1242-5

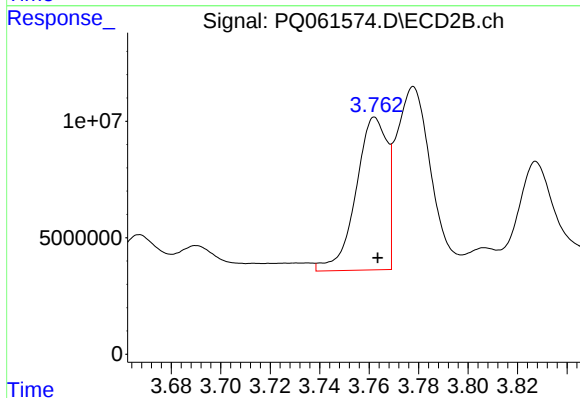
R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 47975802
Conc: 599.17 ng/ml



#21 AR-1248-1

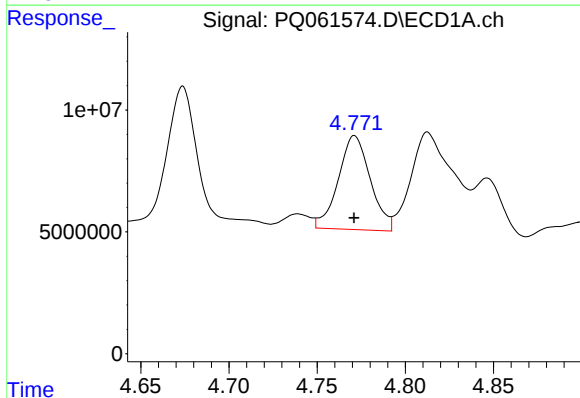
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 76390991
Conc: 847.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



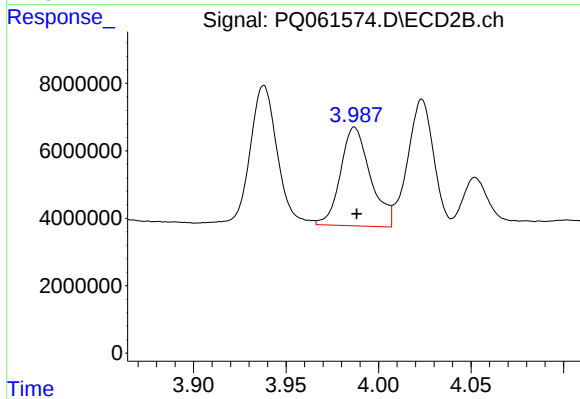
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 57157148
Conc: 918.40 ng/ml



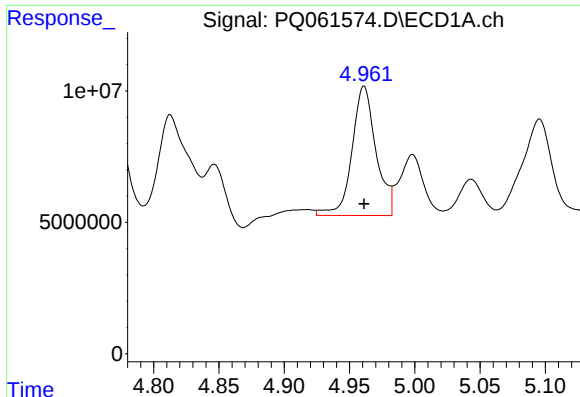
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 48828458
Conc: 384.10 ng/ml



#22 AR-1248-2

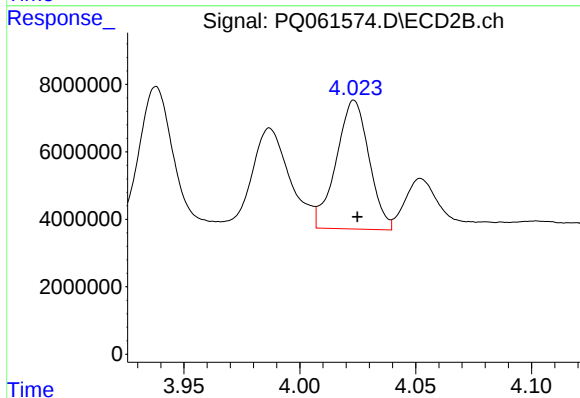
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 32944135
Conc: 340.84 ng/ml



#23 AR-1248-3

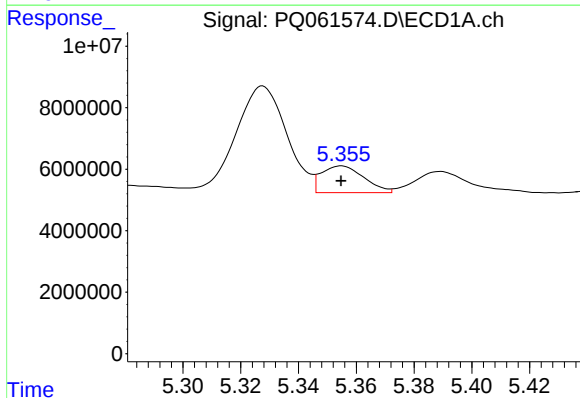
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 63160614
Conc: 410.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



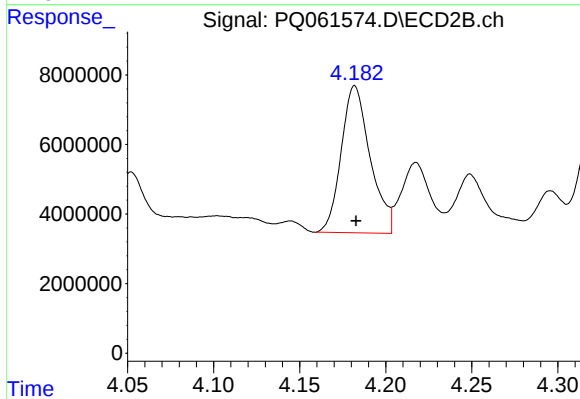
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.001 min
Response: 37653005
Conc: 411.90 ng/ml



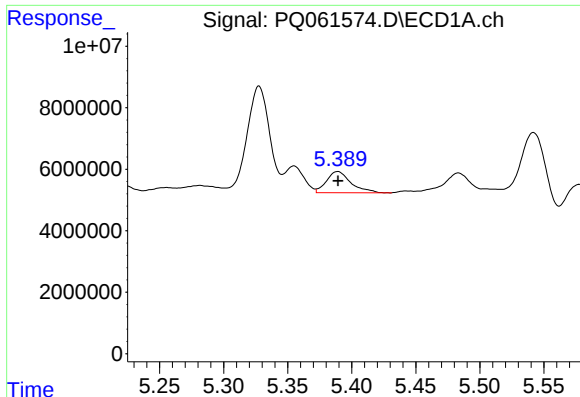
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 8885213
Conc: 52.34 ng/ml



#24 AR-1248-4

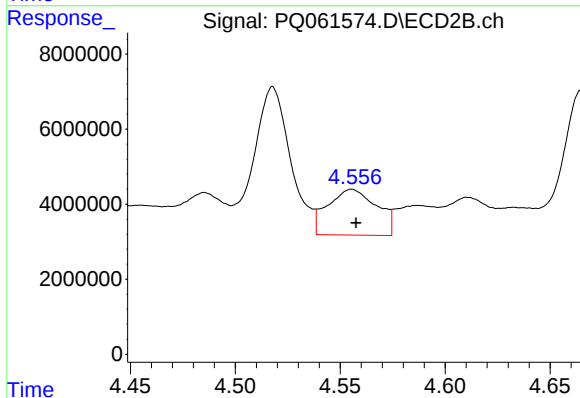
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 49542691
Conc: 437.54 ng/ml



#25 AR-1248-5

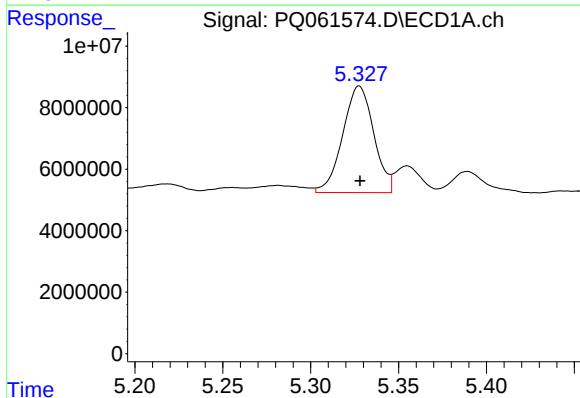
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 9168398
Conc: 55.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



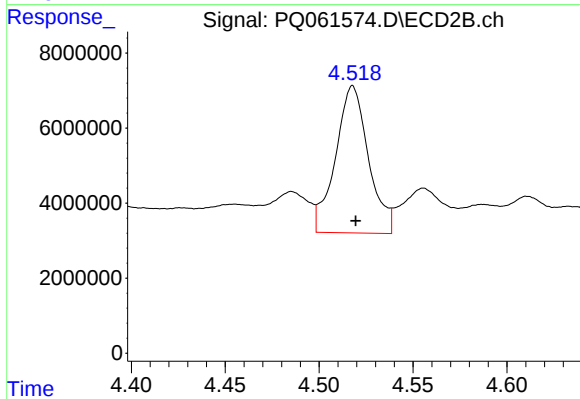
#25 AR-1248-5

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 19806210
Conc: 179.83 ng/ml



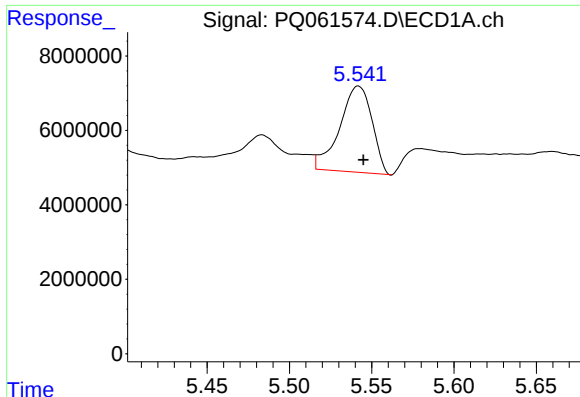
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 42601564
Conc: 249.42 ng/ml



#26 AR-1254-1

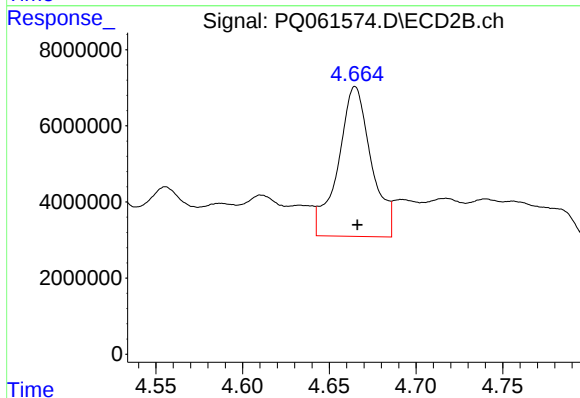
R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 47975802
Conc: 291.74 ng/ml



#27 AR-1254-2

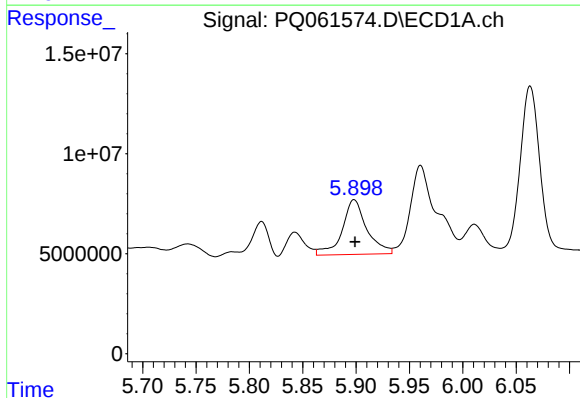
R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 31699540
Conc: 118.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



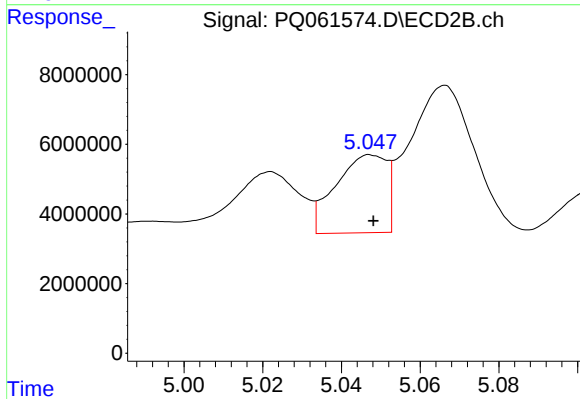
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 52356572
Conc: 348.10 ng/ml



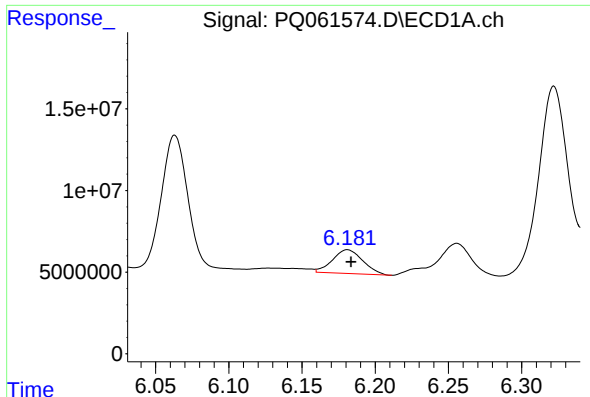
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 44021860
Conc: 157.53 ng/ml



#28 AR-1254-3

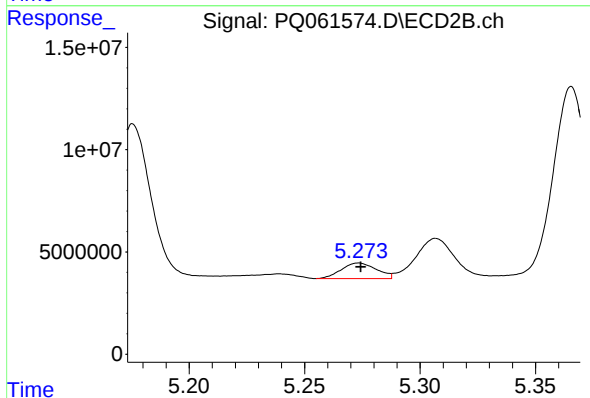
R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 20110662
Conc: 86.42 ng/ml



#29 AR-1254-4

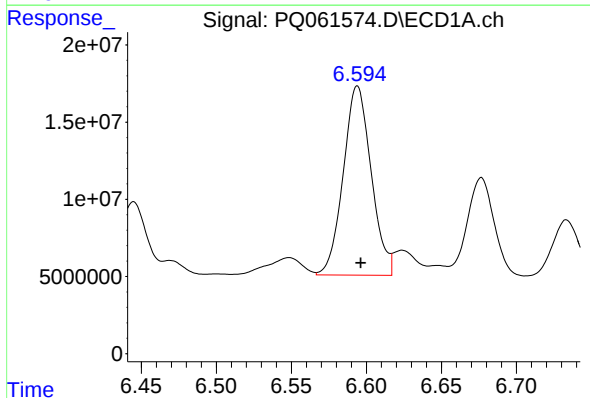
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 20897354
Conc: 102.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



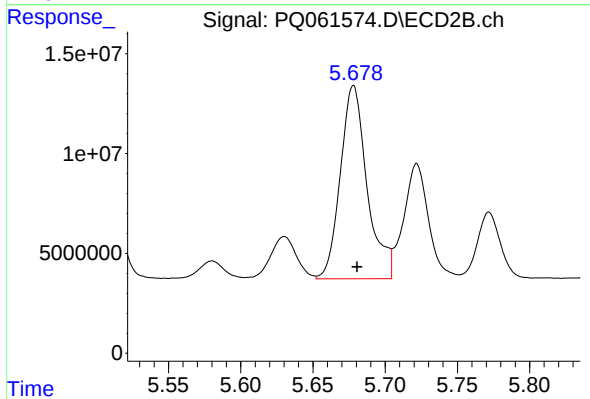
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 8102469
Conc: 56.40 ng/ml



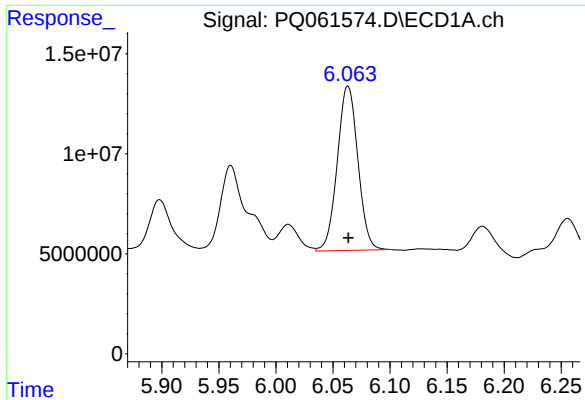
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 158908615
Conc: 673.67 ng/ml



#30 AR-1254-5

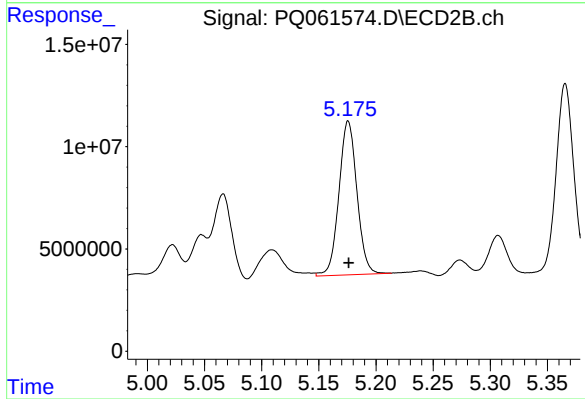
R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 124682889
Conc: 546.59 ng/ml



#31 AR-1260-1

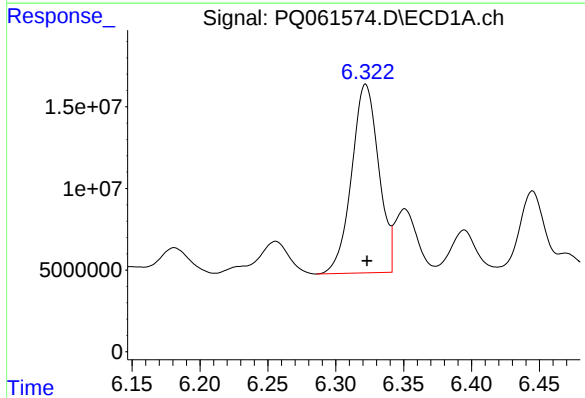
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 103288429
Conc: 464.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



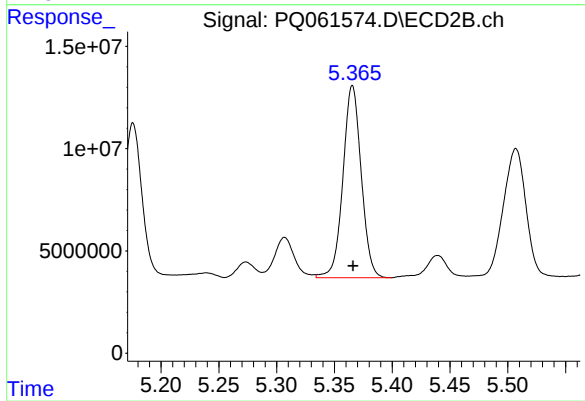
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 82515894
Conc: 479.72 ng/ml



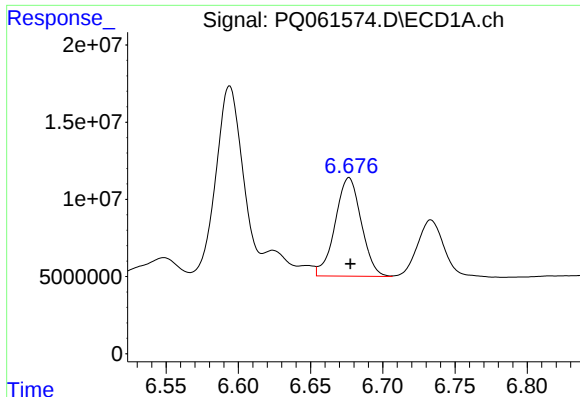
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 160313605
Conc: 602.58 ng/ml



#32 AR-1260-2

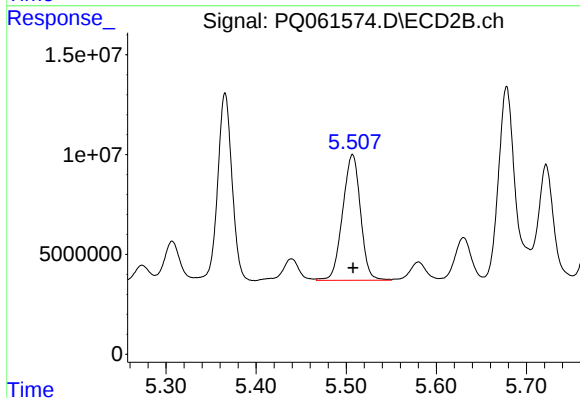
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 103415738
Conc: 499.03 ng/ml



#33 AR-1260-3

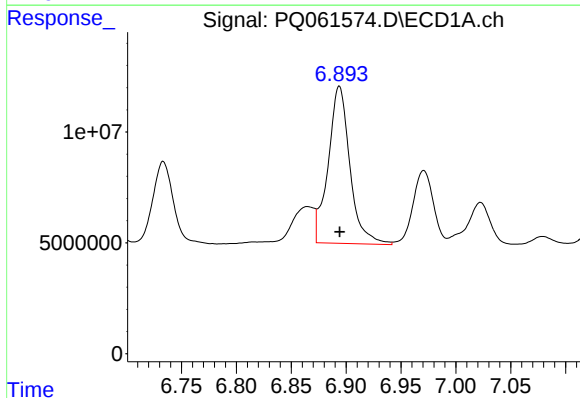
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 80194594
Conc: 476.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



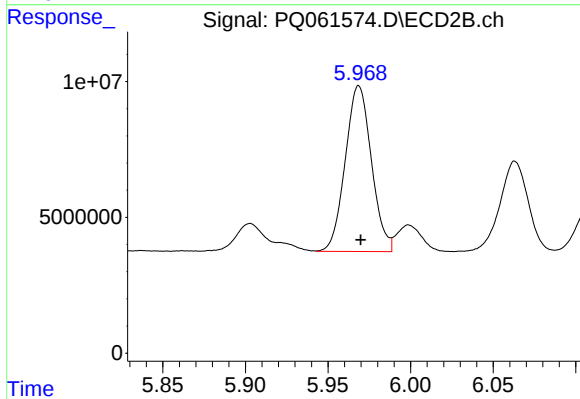
#33 AR-1260-3

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 86943185
Conc: 437.75 ng/ml



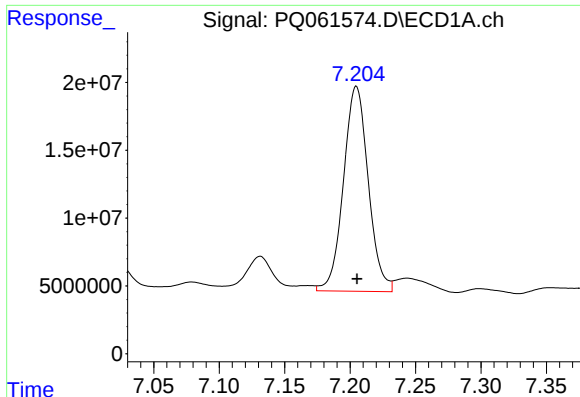
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 97746310
Conc: 487.04 ng/ml



#34 AR-1260-4

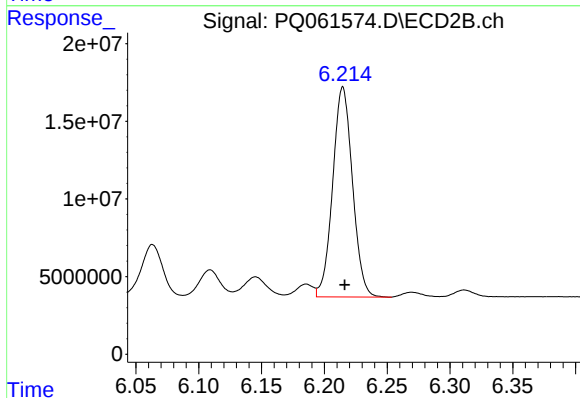
R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 67326322
Conc: 457.67 ng/ml



#35 AR-1260-5

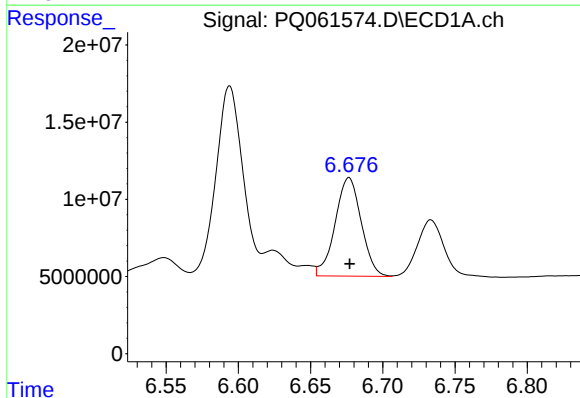
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 199411344
Conc: 523.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



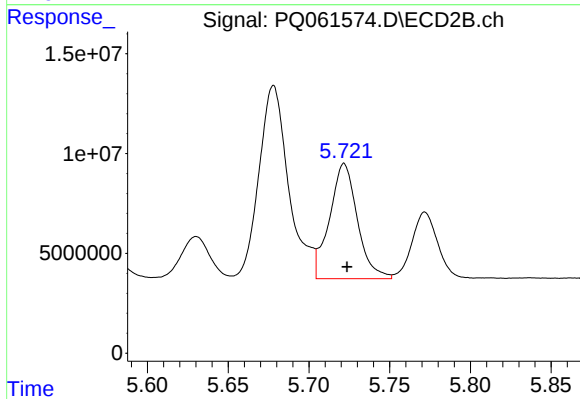
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: -0.001 min
Response: 148524604
Conc: 457.41 ng/ml



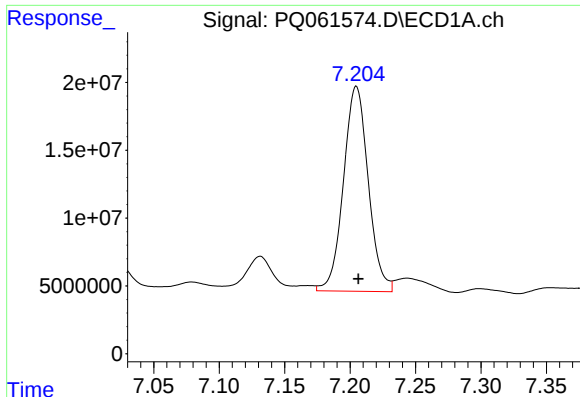
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 80194594
Conc: 267.85 ng/ml



#36 AR-1262-1

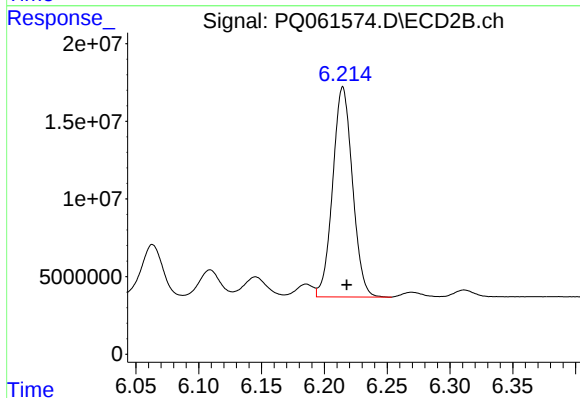
R.T.: 5.722 min
Delta R.T.: -0.002 min
Response: 69304731
Conc: 285.97 ng/ml



#37 AR-1262-2

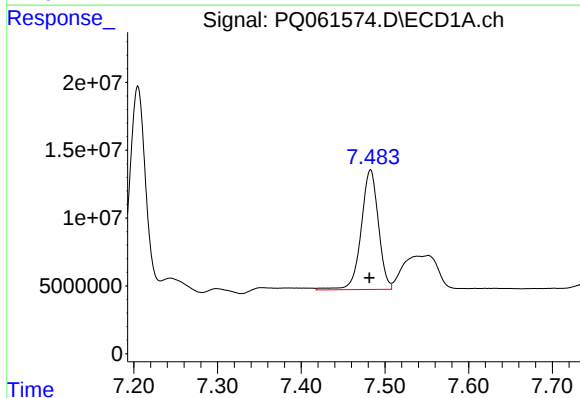
R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 199411344
Conc: 395.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



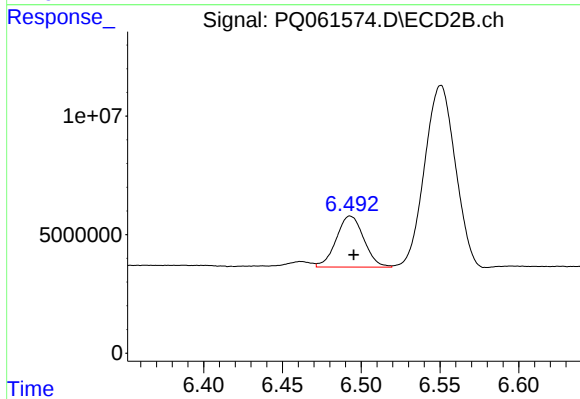
#37 AR-1262-2

R.T.: 6.215 min
Delta R.T.: -0.003 min
Response: 148524604
Conc: 339.83 ng/ml



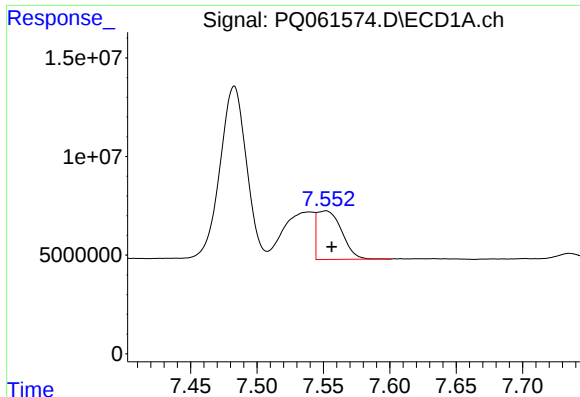
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.001 min
Response: 126185548
Conc: 373.39 ng/ml



#38 AR-1262-3

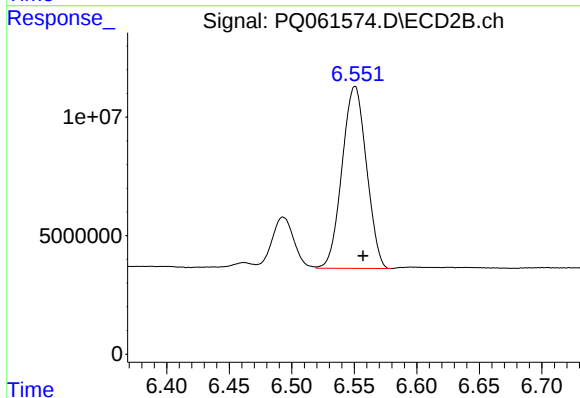
R.T.: 6.493 min
Delta R.T.: -0.002 min
Response: 26225270
Conc: 145.52 ng/ml



#39 AR-1262-4

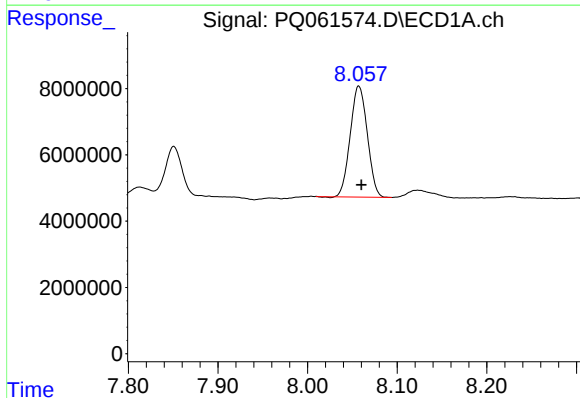
R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 31951915
Conc: 124.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



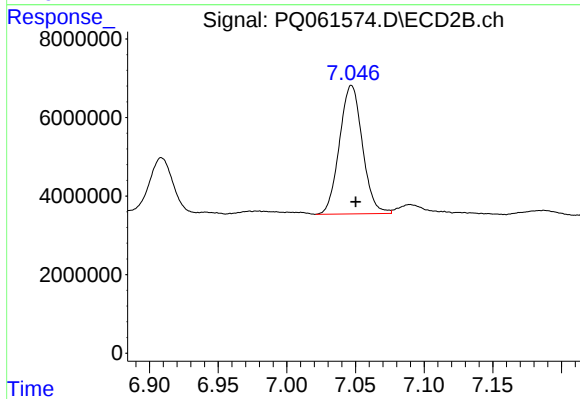
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: -0.006 min
Response: 104379770
Conc: 314.75 ng/ml



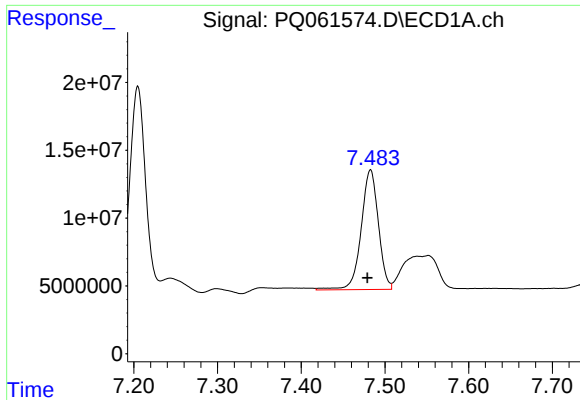
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.003 min
Response: 44393129
Conc: 260.66 ng/ml



#40 AR-1262-5

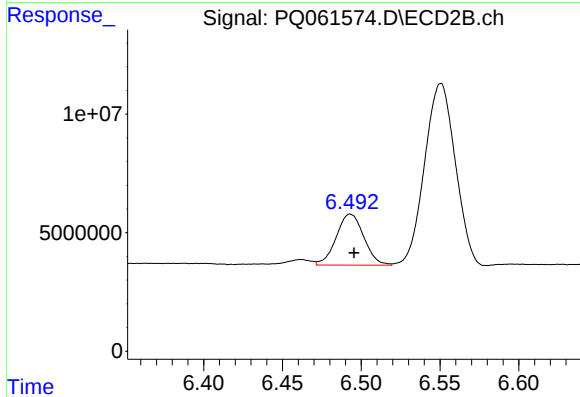
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 38003703
Conc: 236.90 ng/ml



#41 AR-1268-1

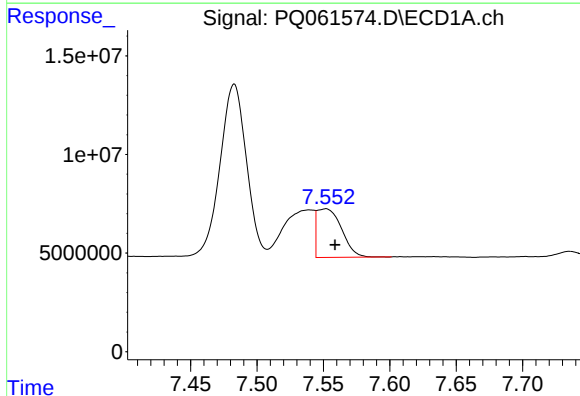
R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 126185548
Conc: 229.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



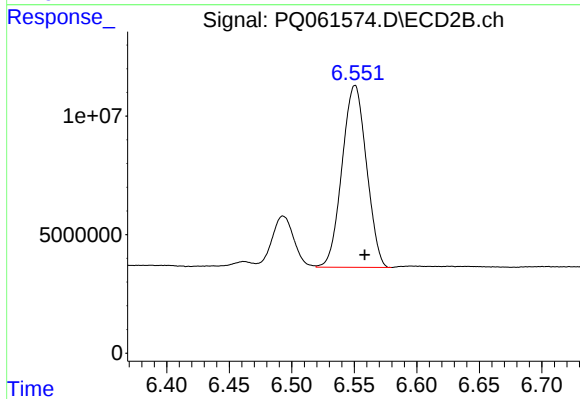
#41 AR-1268-1

R.T.: 6.493 min
Delta R.T.: -0.002 min
Response: 26225270
Conc: 53.38 ng/ml



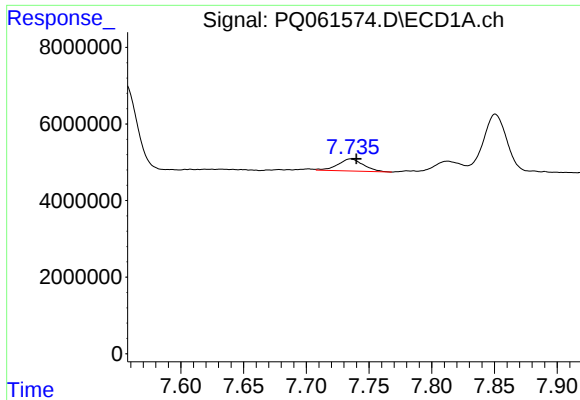
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.007 min
Response: 31951915
Conc: 64.85 ng/ml



#42 AR-1268-2

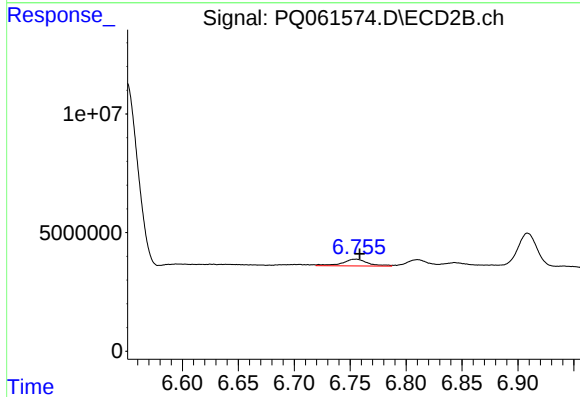
R.T.: 6.551 min
Delta R.T.: -0.008 min
Response: 104379770
Conc: 234.62 ng/ml



#43 AR-1268-3

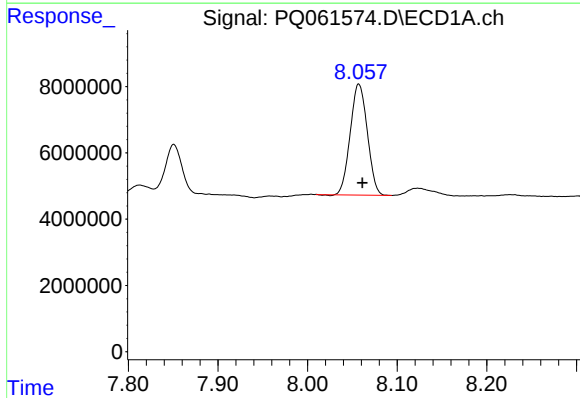
R.T.: 7.735 min
Delta R.T.: -0.005 min
Response: 4478604
Conc: 10.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



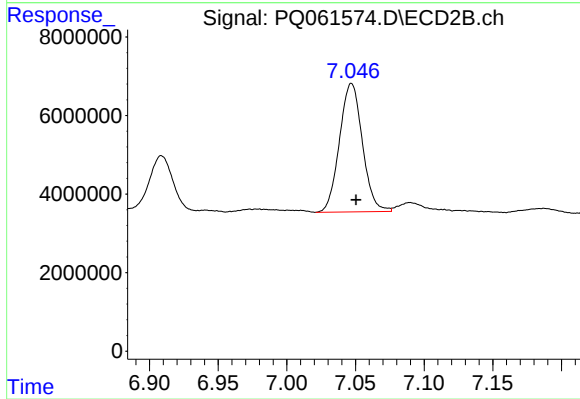
#43 AR-1268-3

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 4417920
Conc: 11.29 ng/ml



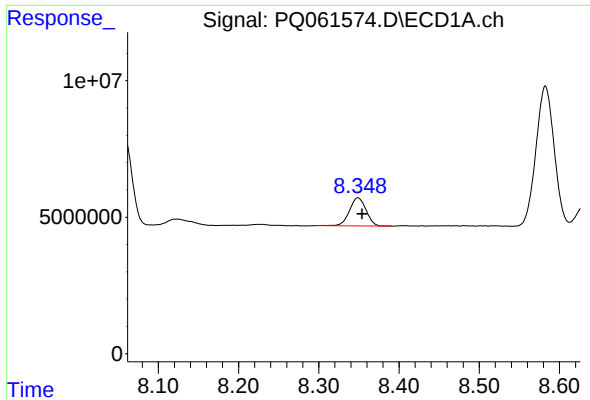
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.004 min
Response: 44393129
Conc: 250.80 ng/ml



#44 AR-1268-4

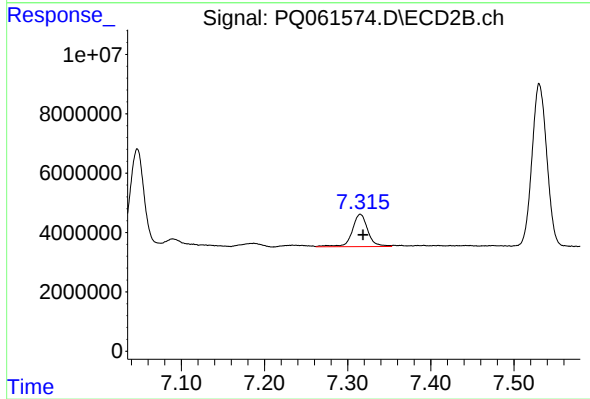
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 38003703
Conc: 226.38 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.005 min
Response: 14652172
Conc: 12.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 14274937
Conc: 11.51 ng/ml