

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 15:10
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:24:30 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	213.5E6	125.0E6	47.502	46.812
2)	SA Decachlor...	8.584	7.531	165.8E6	161.8E6	49.221	48.215
Target Compounds							
3)	L1 AR-1016-1	4.505	3.762	45024223	29750539	292.463	288.444
4)	L1 AR-1016-2	4.524	3.776	53698896	30812979	235.351	206.820
5)	L1 AR-1016-3	4.582	3.937	26639959	20179907	187.471	255.359 #
6)	L1 AR-1016-4	4.673	3.986	30190857	44047404	262.215	620.321 #
7)	L1 AR-1016-5	4.961	4.180	73768594	52717055	638.287	615.755
8)	L2 AR-1221-1	3.599	2.959	868978	423019	15.487	11.881
9)	L2 AR-1221-2	3.683	3.029	3633643	2203757	86.105	80.013
10)	L2 AR-1221-3	3.753	3.106	3981903	2711942	30.377	32.003
11)	L3 AR-1232-1	3.753	3.106	3981903	2711942	41.657	44.037
12)	L3 AR-1232-2	4.247	3.776	19976679	30812979	363.637	447.228
13)	L3 AR-1232-3	4.524	3.937	53698896	20179907	514.063	558.070
14)	L3 AR-1232-4	4.673	4.022	30190857	42497726	569.021	1318.542 #
15)	L3 AR-1232-5	4.771	4.180	61062063	52717055	1619.148	1375.552
16)	L4 AR-1242-1	4.505	3.762	45024223	29750539	396.799	388.443
17)	L4 AR-1242-2	4.524	3.776	53698896	30812979	316.251	278.035
18)	L4 AR-1242-3	4.582	3.937	26639959	20179907	249.016	340.978 #
19)	L4 AR-1242-4	4.673	4.022	30190857	42497726	347.861	709.650 #
20)	L4 AR-1242-5	5.389	4.517	78141381	76057706	881.077	949.891
21)	L5 AR-1248-1	4.505	3.762	45024223	29750539	499.692	478.031
22)	L5 AR-1248-2	4.771	3.986	61062063	44047404	480.329	455.712
23)	L5 AR-1248-3	4.961	4.022	73768594	42497726	478.890	464.897
24)	L5 AR-1248-4	5.354	4.180	83762946	52717055	493.451	465.570
25)	L5 AR-1248-5	5.389	4.554	78141381	54057053	476.970	490.822
26)	L6 AR-1254-1	5.326	4.517	66603276	76057706	389.946	462.509
27)	L6 AR-1254-2	5.540	4.664	84125972	22806370	314.625	151.632 #
28)	L6 AR-1254-3	5.897	5.045	47824331	36606688	171.141	157.314
29)	L6 AR-1254-4	6.183	5.271	34597492	21178705	169.028	147.412
30)	L6 AR-1254-5	6.596	5.677	7947310	8173361	33.692	35.831
31)	L7 AR-1260-1	6.063	5.177	4996684	17980136	22.490	104.530 #
32)	L7 AR-1260-2	6.322	5.364	5073604	3252501	19.071	15.695
33)	L7 AR-1260-3	6.678	5.501	622409	4400800	3.702	22.158 #
34)	L7 AR-1260-4	6.871	5.968	3561627	444852	17.746	3.024 #
35)	L7 AR-1260-5	7.204	6.213	1408547	1242143	3.701	3.825
36)	L8 AR-1262-1	6.678	5.740	622409	942968	2.079	3.891 #
37)	L8 AR-1262-2	7.204	6.213	1408547	1242143	2.794	2.842
38)	L8 AR-1262-3	7.486	6.492	1423937	1997118	4.213	11.082 #
39)	L8 AR-1262-4	7.576	6.548	972775	1751392	3.788	5.281 #
40)	L8 AR-1262-5	8.059	7.046	664084	1124217	3.899	7.008 #
41)	L9 AR-1268-1	7.486	6.492	1423937	1997118	2.585	4.065 #

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 Acq On : 20 Jun 2023 15:10
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

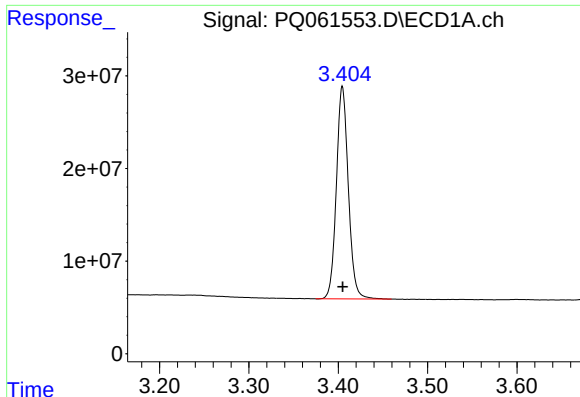
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:24:30 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	7.576	6.548	972775	1751392	1.974	3.937 #
43) L9	AR-1268-3	7.734	6.754	268563	916582	0.651	2.341 #
44) L9	AR-1268-4	8.059	7.046	664084	1124217	3.752	6.697 #
45) L9	AR-1268-5	8.349	7.314	873342	2948562	0.735	2.378 #

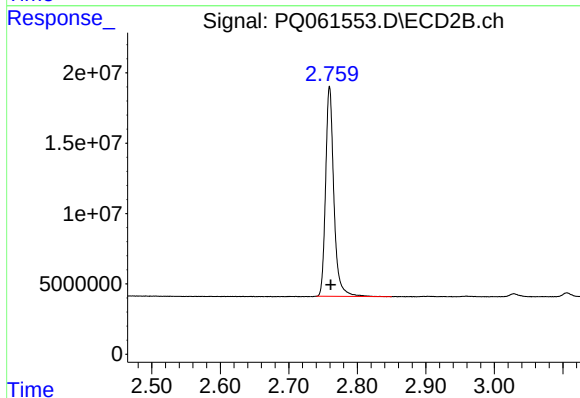
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

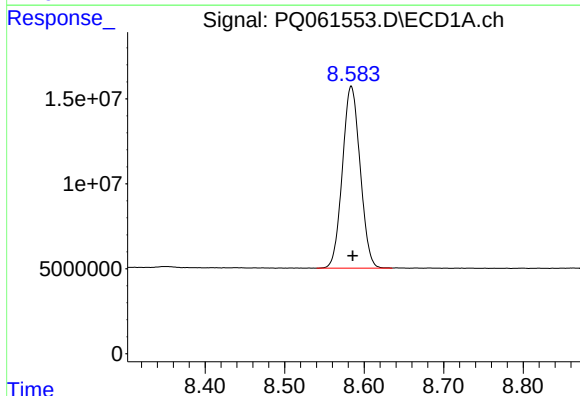
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 213524144
Conc: 47.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



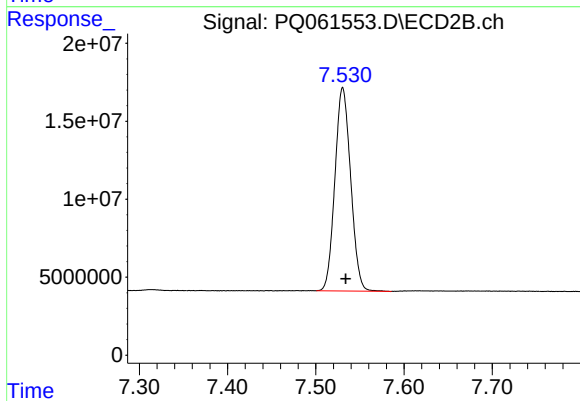
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.002 min
Response: 125004696
Conc: 46.81 ng/ml



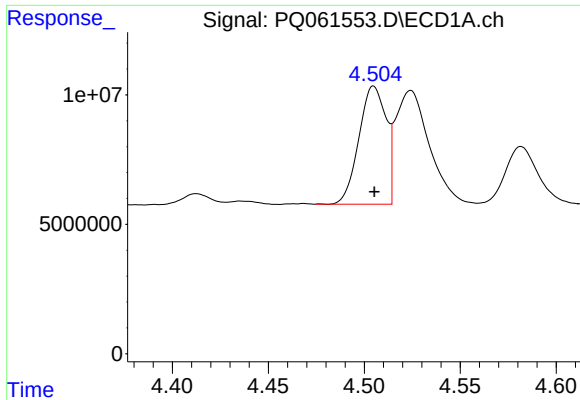
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: -0.002 min
Response: 165809434
Conc: 49.22 ng/ml



#2 Decachlorobiphenyl

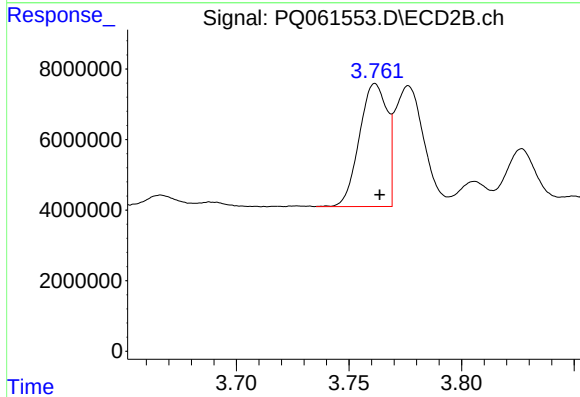
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 161836136
Conc: 48.22 ng/ml



#3 AR-1016-1

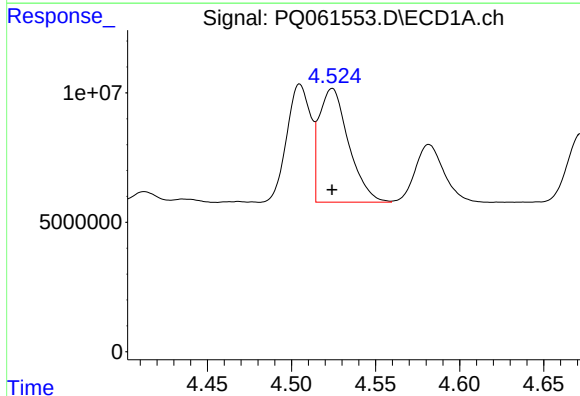
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 45024223
Conc: 292.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



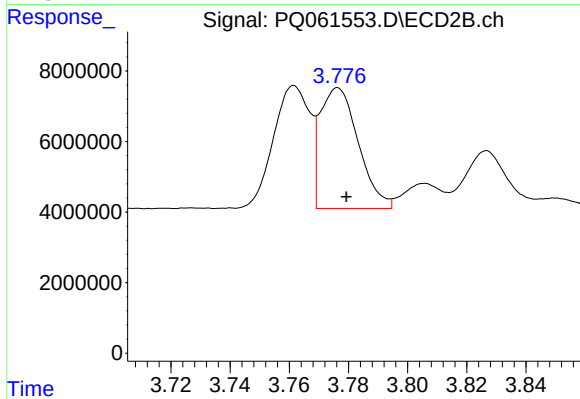
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 29750539
Conc: 288.44 ng/ml



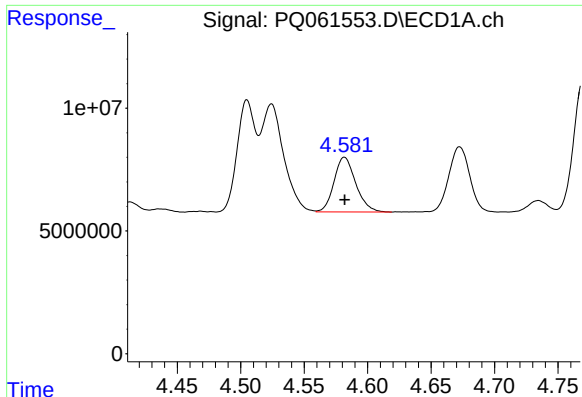
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 53698896
Conc: 235.35 ng/ml



#4 AR-1016-2

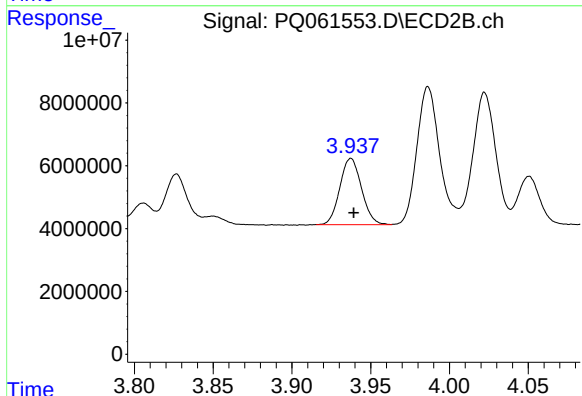
R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 30812979
Conc: 206.82 ng/ml



#5 AR-1016-3

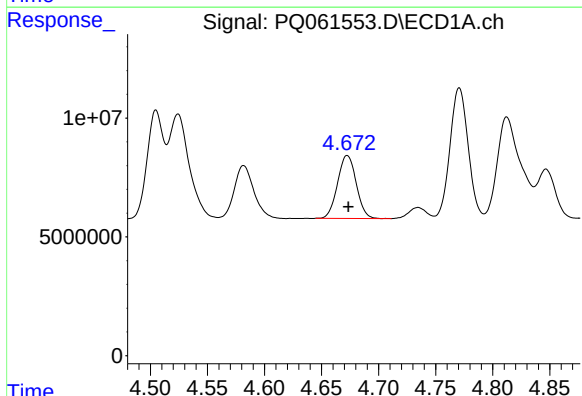
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 26639959
Conc: 187.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



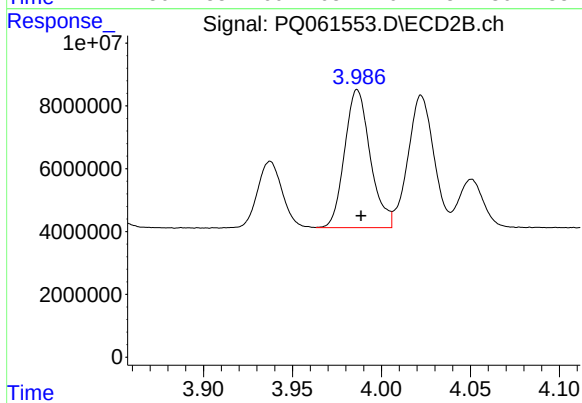
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 20179907
Conc: 255.36 ng/ml



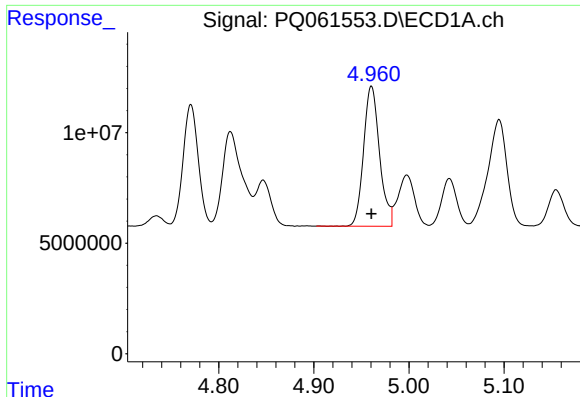
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 30190857
Conc: 262.22 ng/ml



#6 AR-1016-4

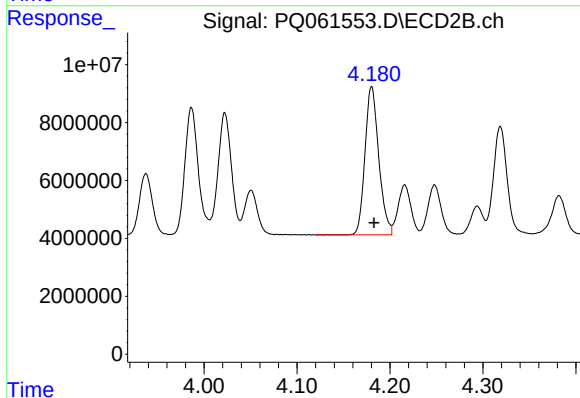
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 44047404
Conc: 620.32 ng/ml



#7 AR-1016-5

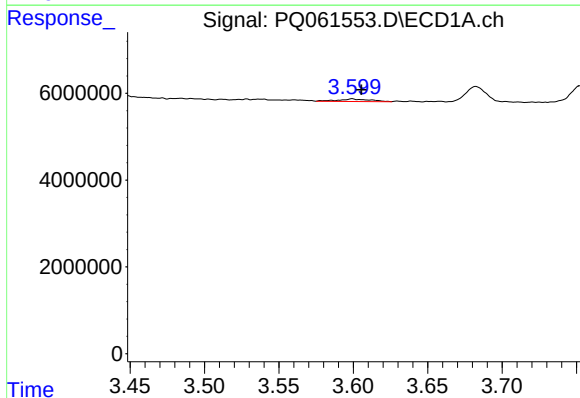
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 73768594
Conc: 638.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



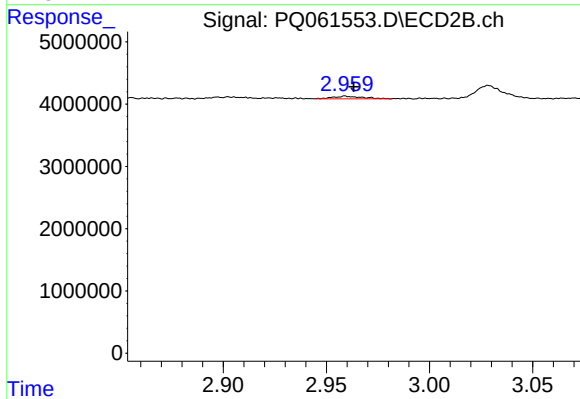
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: -0.003 min
Response: 52717055
Conc: 615.76 ng/ml



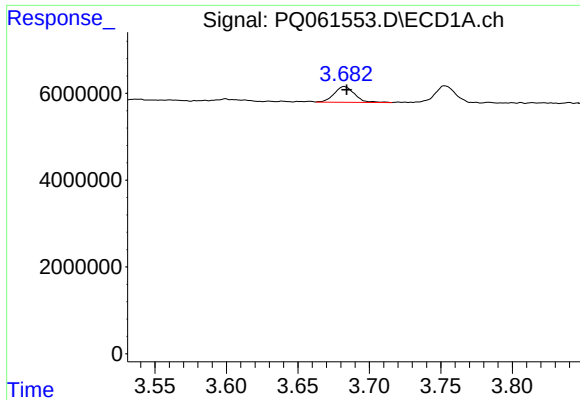
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 868978
Conc: 15.49 ng/ml



#8 AR-1221-1

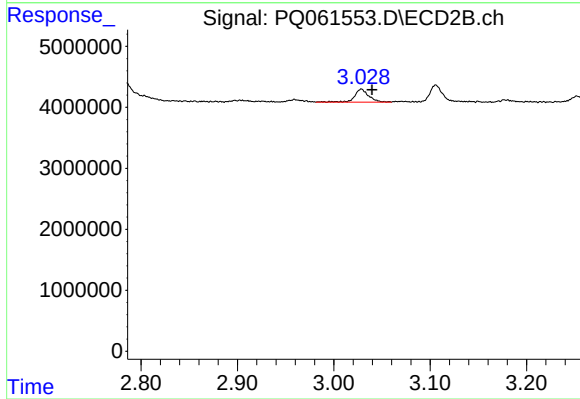
R.T.: 2.959 min
Delta R.T.: -0.004 min
Response: 423019
Conc: 11.88 ng/ml



#9 AR-1221-2

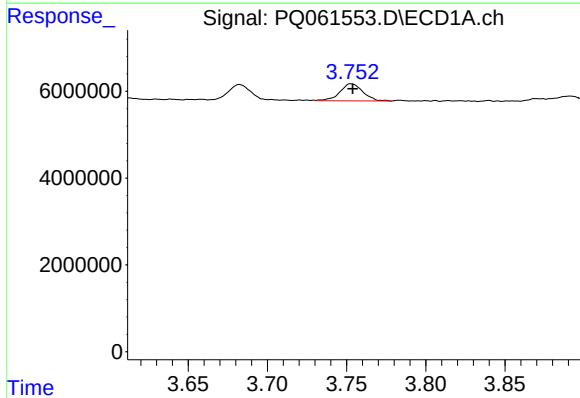
R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 3633643
Conc: 86.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



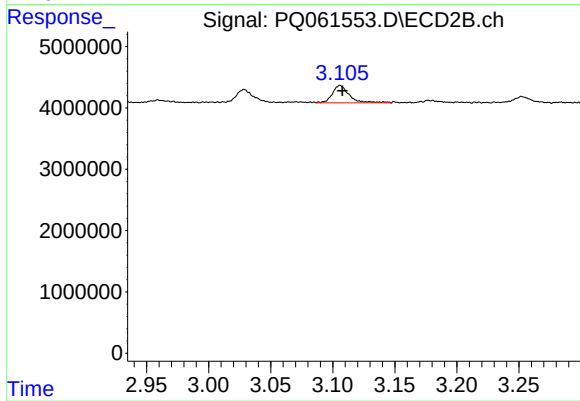
#9 AR-1221-2

R.T.: 3.029 min
Delta R.T.: -0.011 min
Response: 2203757
Conc: 80.01 ng/ml



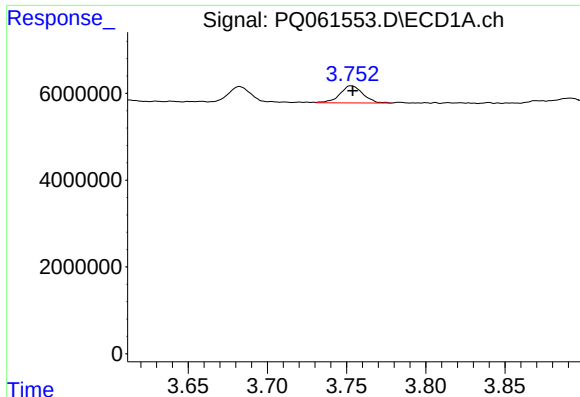
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 3981903
Conc: 30.38 ng/ml



#10 AR-1221-3

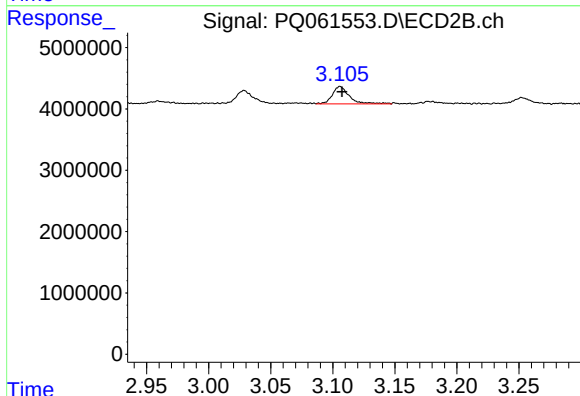
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 2711942
Conc: 32.00 ng/ml



#11 AR-1232-1

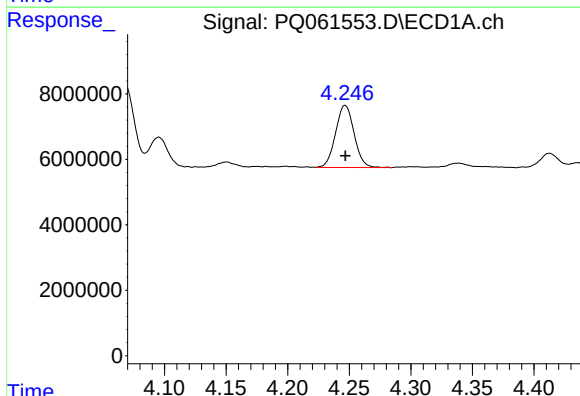
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 3981903
Conc: 41.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



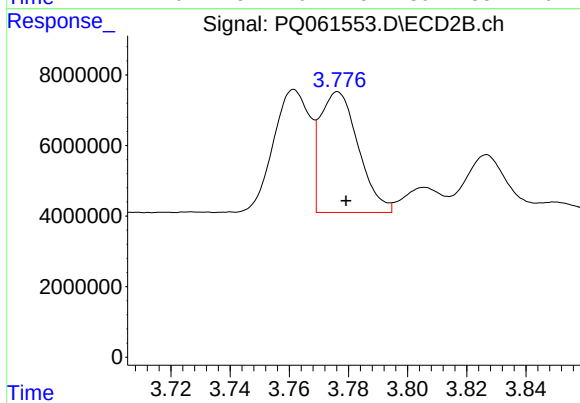
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 2711942
Conc: 44.04 ng/ml



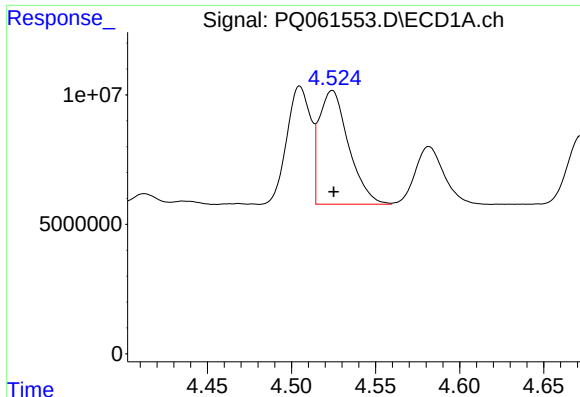
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 19976679
Conc: 363.64 ng/ml



#12 AR-1232-2

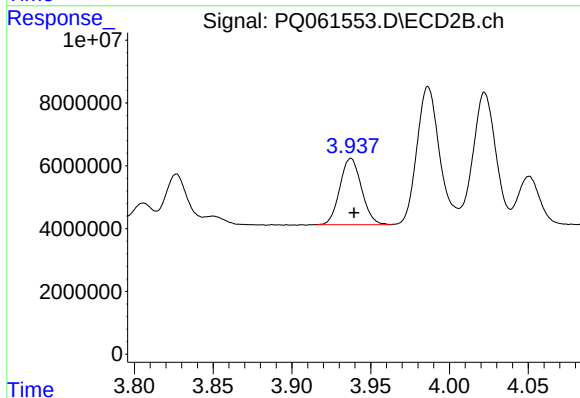
R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 30812979
Conc: 447.23 ng/ml



#13 AR-1232-3

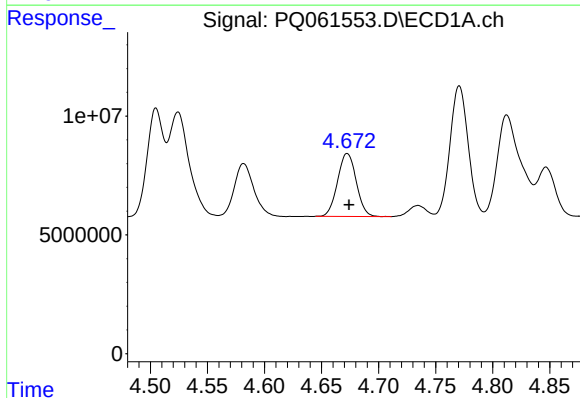
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 53698896
Conc: 514.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



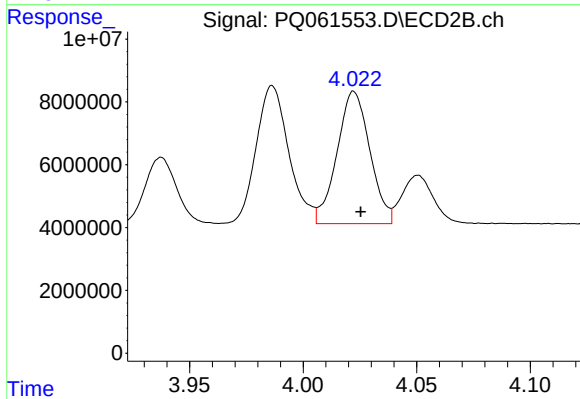
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 20179907
Conc: 558.07 ng/ml



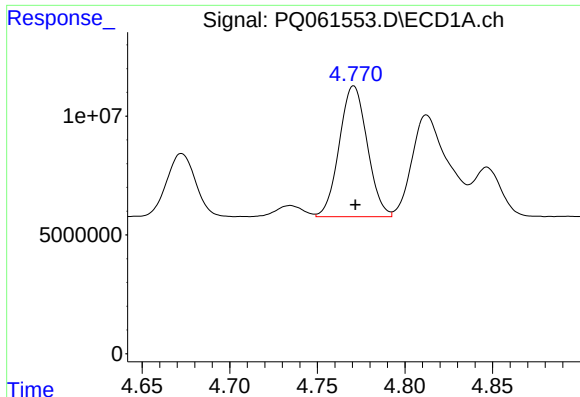
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 30190857
Conc: 569.02 ng/ml



#14 AR-1232-4

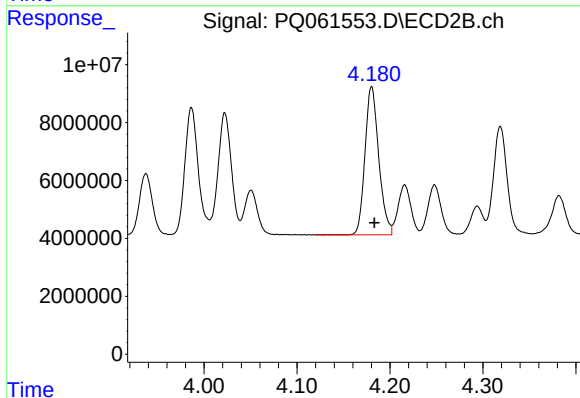
R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 42497726
Conc: 1318.54 ng/ml



#15 AR-1232-5

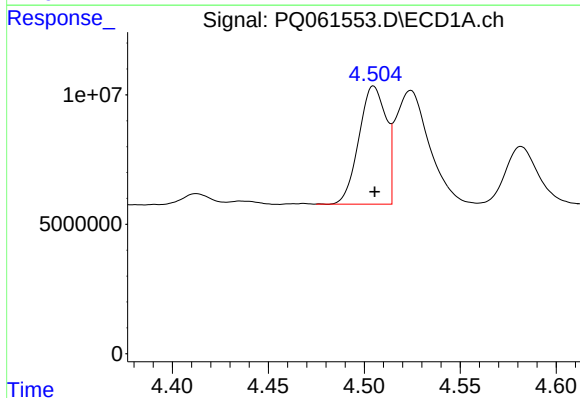
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 61062063
Conc: 1619.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



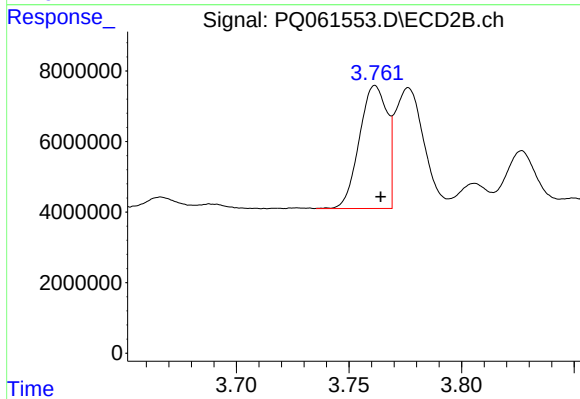
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: -0.003 min
Response: 52717055
Conc: 1375.55 ng/ml



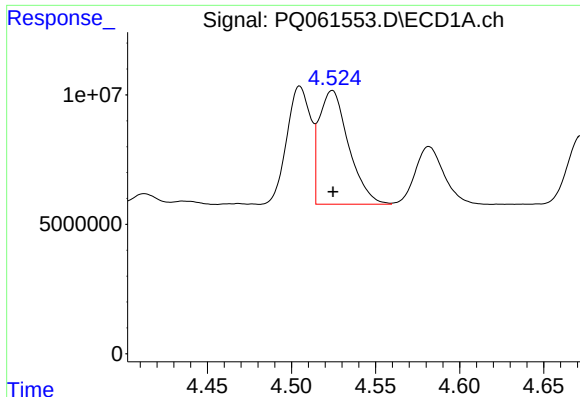
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 45024223
Conc: 396.80 ng/ml



#16 AR-1242-1

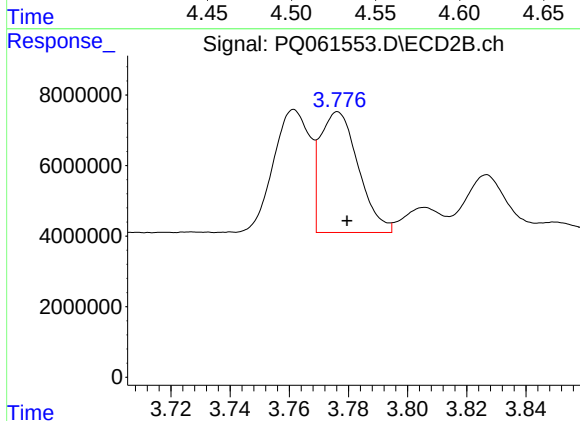
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 29750539
Conc: 388.44 ng/ml



#17 AR-1242-2

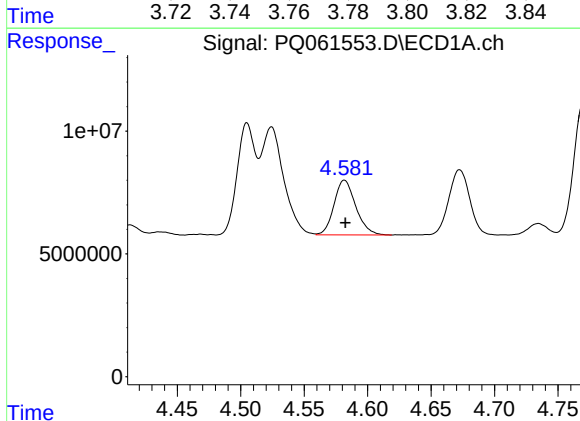
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 53698896
Conc: 316.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



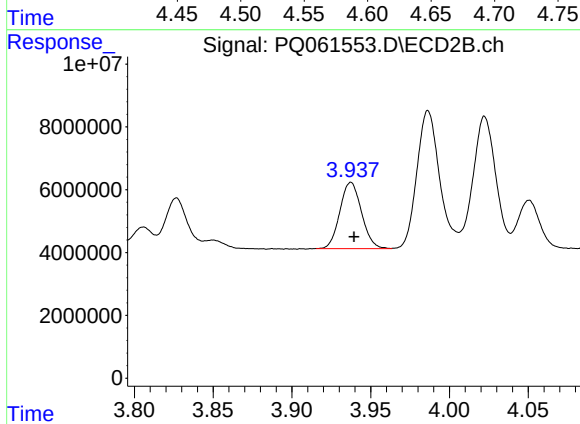
#17 AR-1242-2

R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 30812979
Conc: 278.04 ng/ml



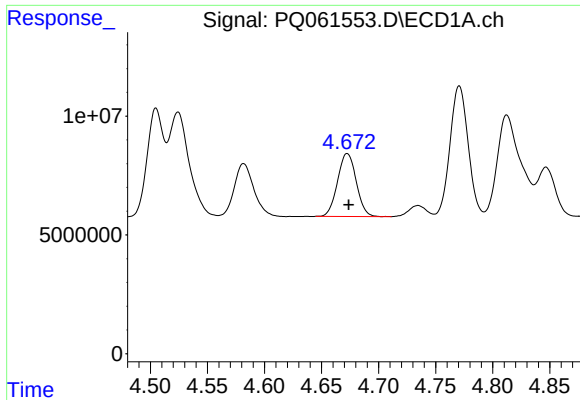
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 26639959
Conc: 249.02 ng/ml



#18 AR-1242-3

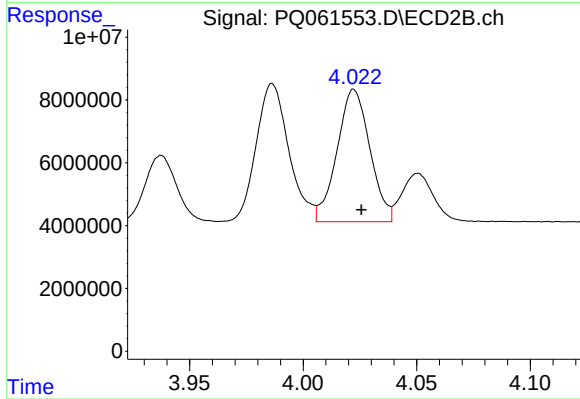
R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 20179907
Conc: 340.98 ng/ml



#19 AR-1242-4

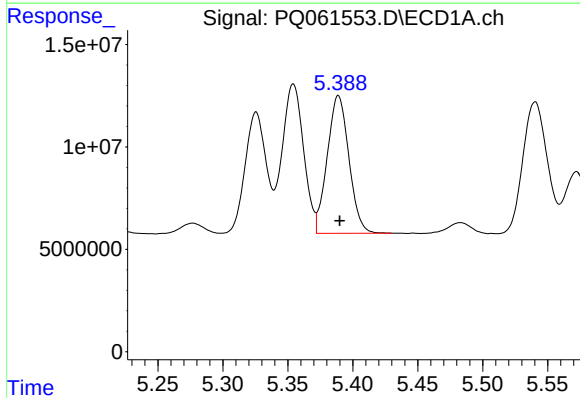
R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 30190857
Conc: 347.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



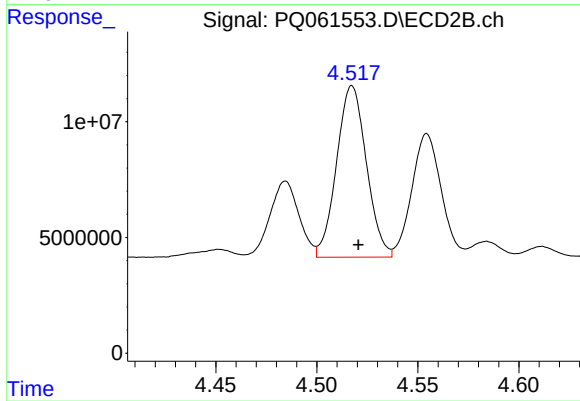
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 42497726
Conc: 709.65 ng/ml



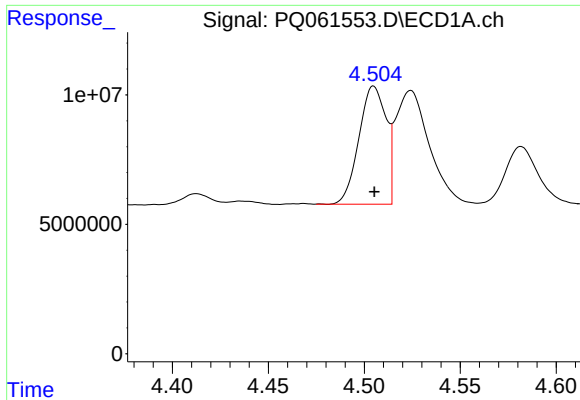
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 78141381
Conc: 881.08 ng/ml



#20 AR-1242-5

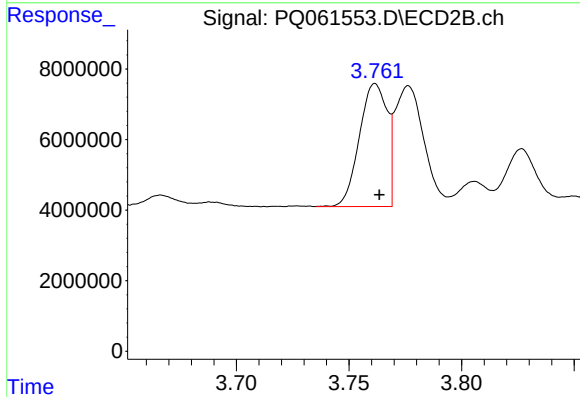
R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 76057706
Conc: 949.89 ng/ml



#21 AR-1248-1

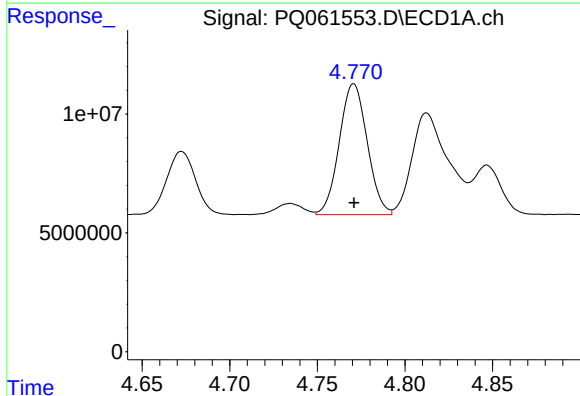
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 45024223
Conc: 499.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



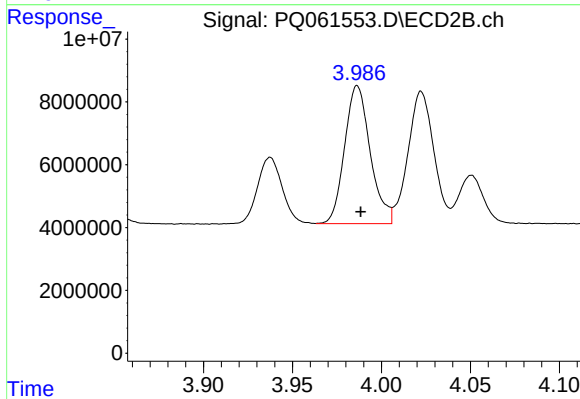
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 29750539
Conc: 478.03 ng/ml



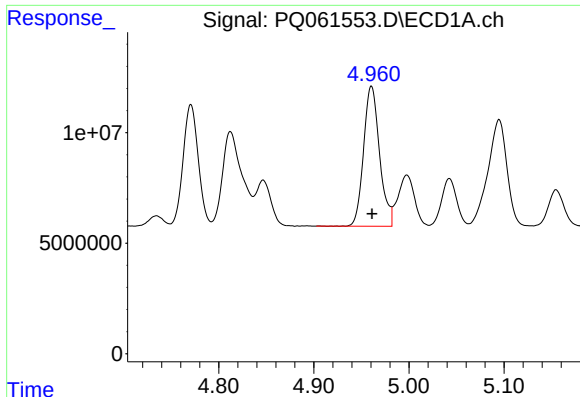
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 61062063
Conc: 480.33 ng/ml



#22 AR-1248-2

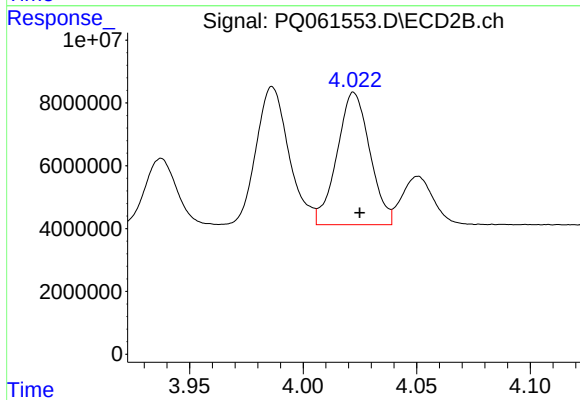
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 44047404
Conc: 455.71 ng/ml



#23 AR-1248-3

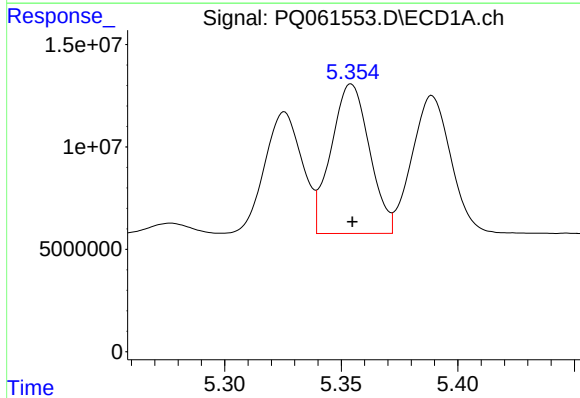
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 73768594
Conc: 478.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



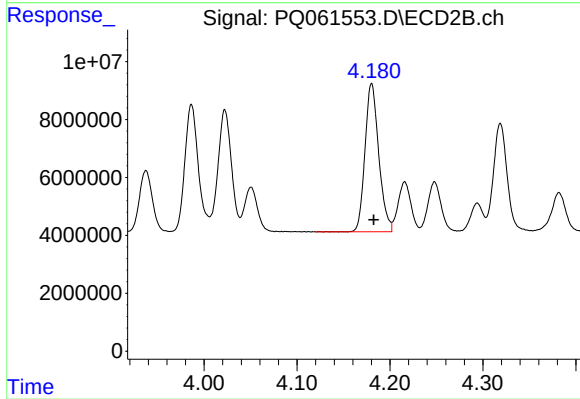
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 42497726
Conc: 464.90 ng/ml



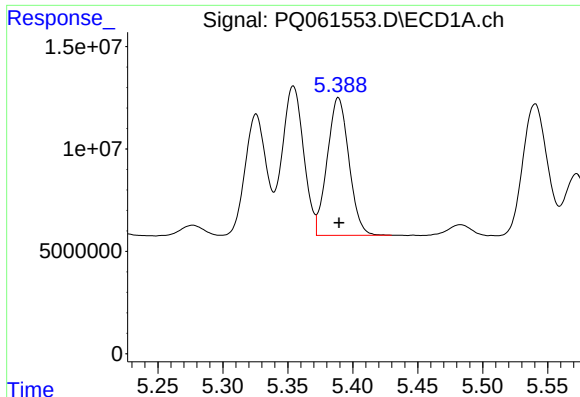
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 83762946
Conc: 493.45 ng/ml



#24 AR-1248-4

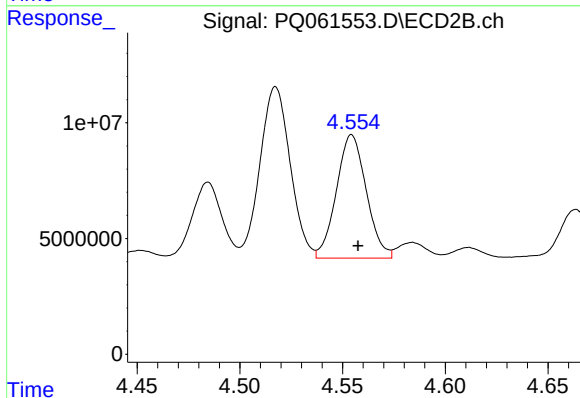
R.T.: 4.180 min
Delta R.T.: -0.002 min
Response: 52717055
Conc: 465.57 ng/ml



#25 AR-1248-5

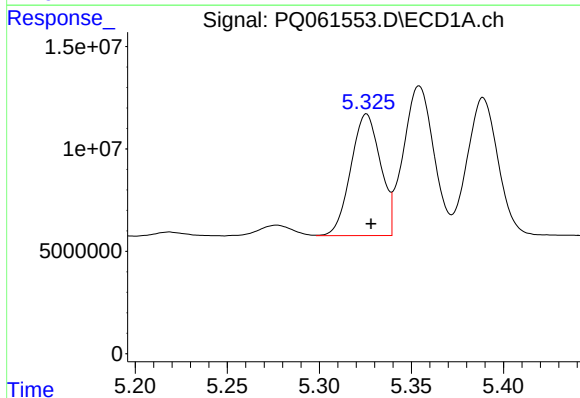
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 78141381
Conc: 476.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



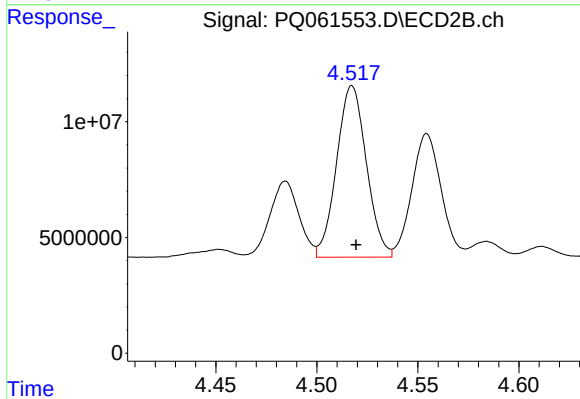
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 54057053
Conc: 490.82 ng/ml



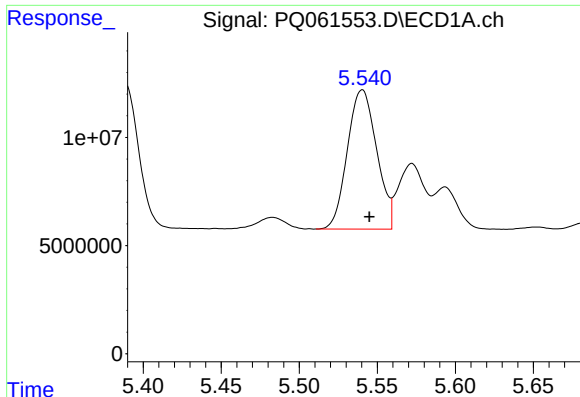
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: -0.002 min
Response: 66603276
Conc: 389.95 ng/ml



#26 AR-1254-1

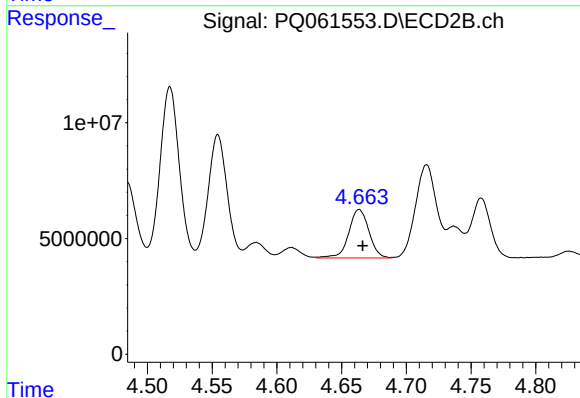
R.T.: 4.517 min
Delta R.T.: -0.002 min
Response: 76057706
Conc: 462.51 ng/ml



#27 AR-1254-2

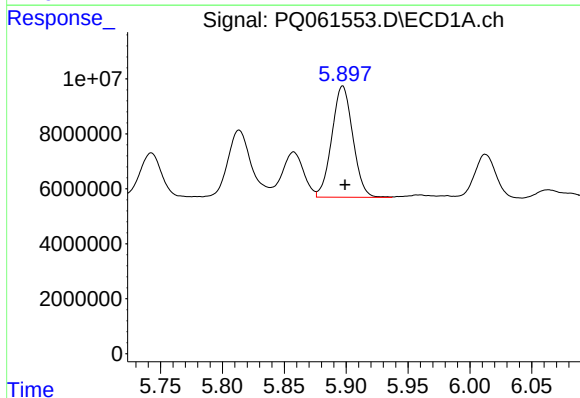
R.T.: 5.540 min
Delta R.T.: -0.005 min
Response: 84125972
Conc: 314.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



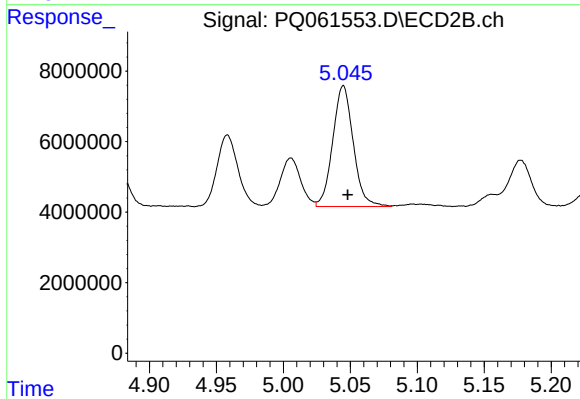
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: -0.003 min
Response: 22806370
Conc: 151.63 ng/ml



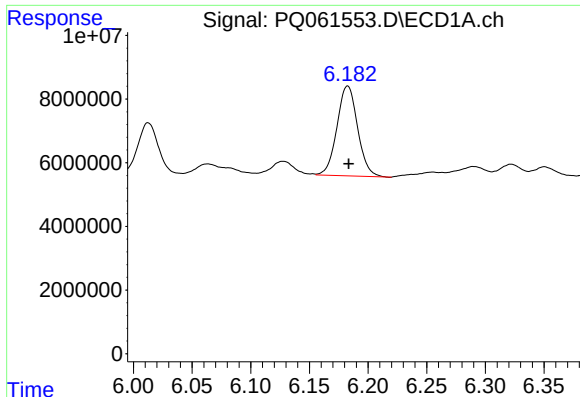
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 47824331
Conc: 171.14 ng/ml



#28 AR-1254-3

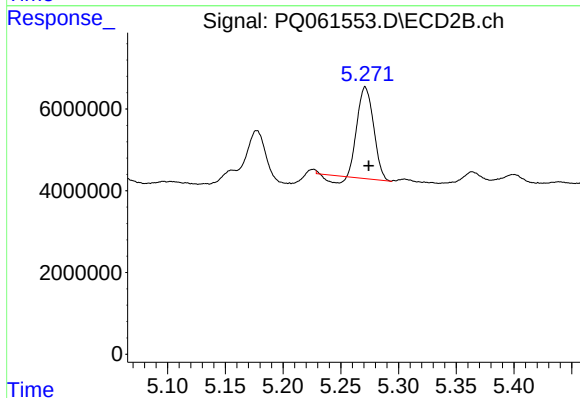
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 36606688
Conc: 157.31 ng/ml



#29 AR-1254-4

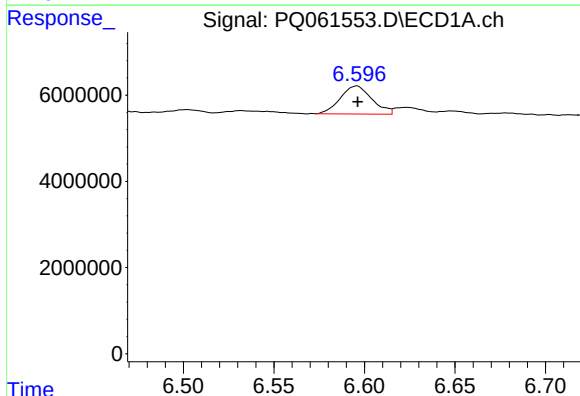
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 34597492
Conc: 169.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



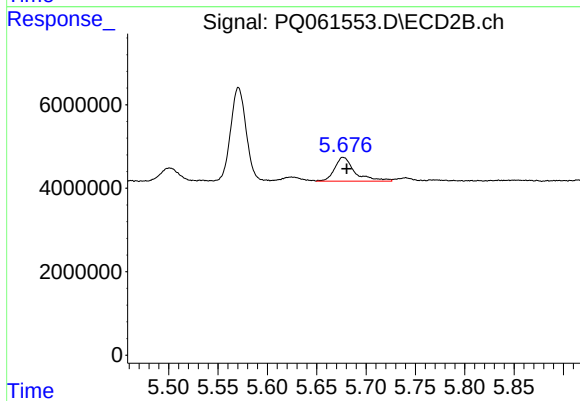
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 21178705
Conc: 147.41 ng/ml



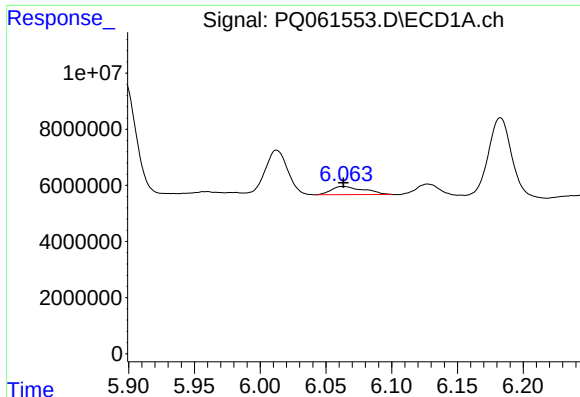
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 7947310
Conc: 33.69 ng/ml



#30 AR-1254-5

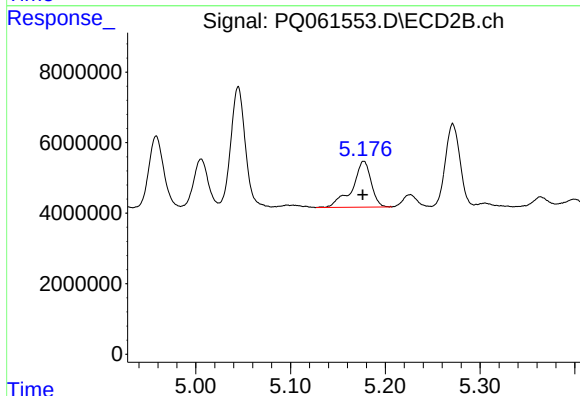
R.T.: 5.677 min
Delta R.T.: -0.003 min
Response: 8173361
Conc: 35.83 ng/ml



#31 AR-1260-1

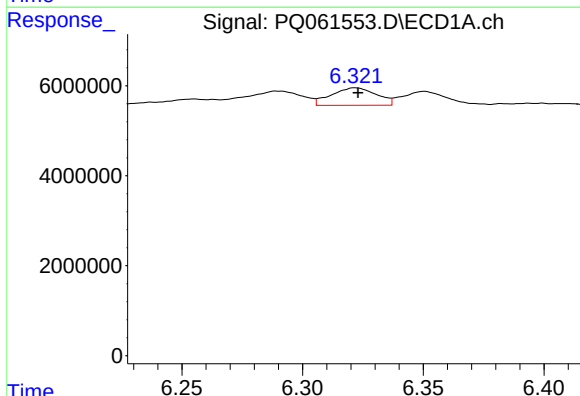
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 4996684
Conc: 22.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



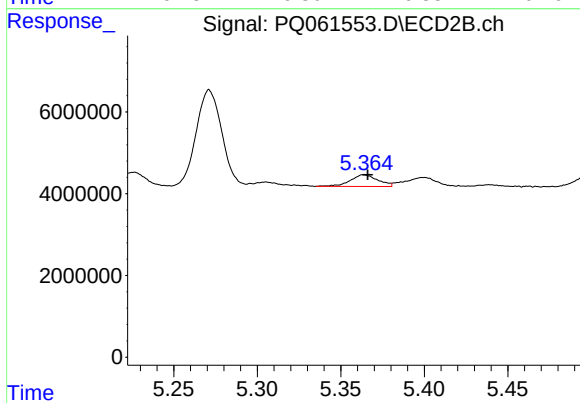
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.001 min
Response: 17980136
Conc: 104.53 ng/ml



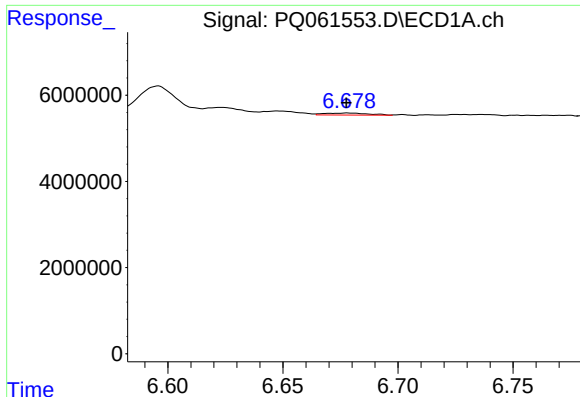
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 5073604
Conc: 19.07 ng/ml



#32 AR-1260-2

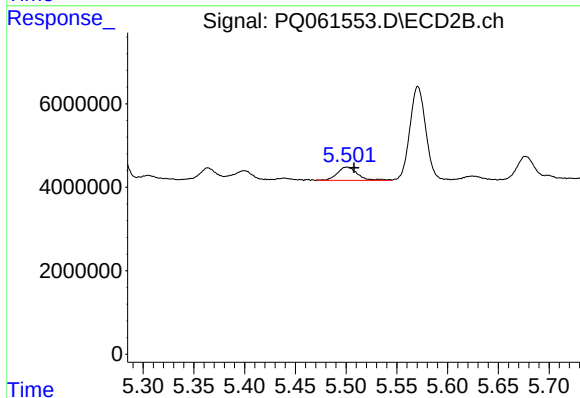
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 3252501
Conc: 15.69 ng/ml



#33 AR-1260-3

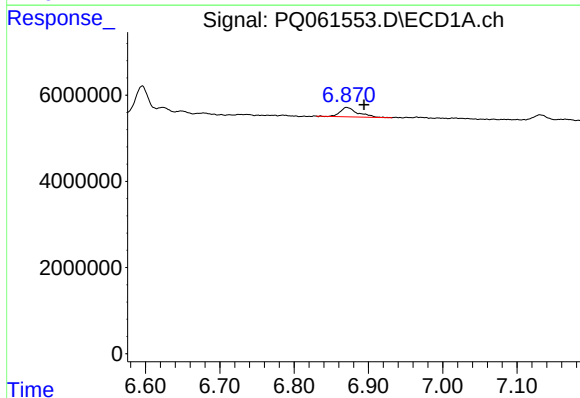
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 622409
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



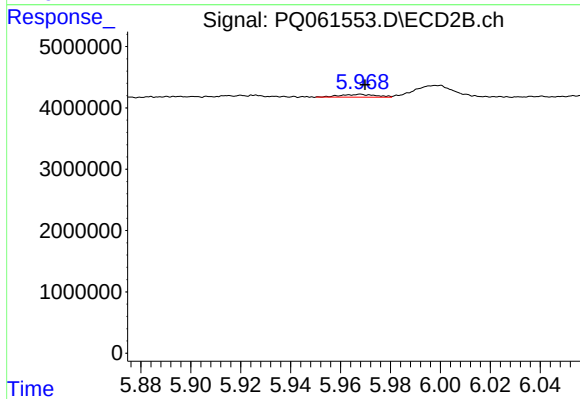
#33 AR-1260-3

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 4400800
Conc: 22.16 ng/ml



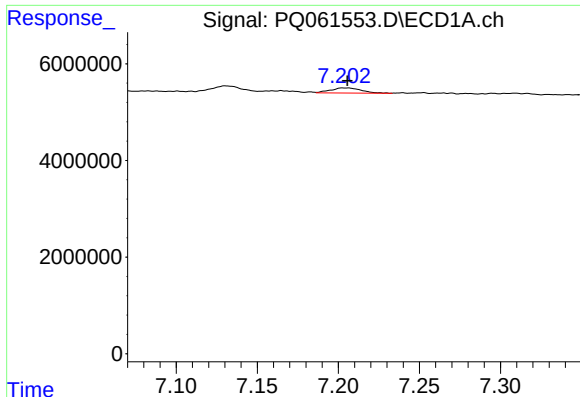
#34 AR-1260-4

R.T.: 6.871 min
Delta R.T.: -0.024 min
Response: 3561627
Conc: 17.75 ng/ml



#34 AR-1260-4

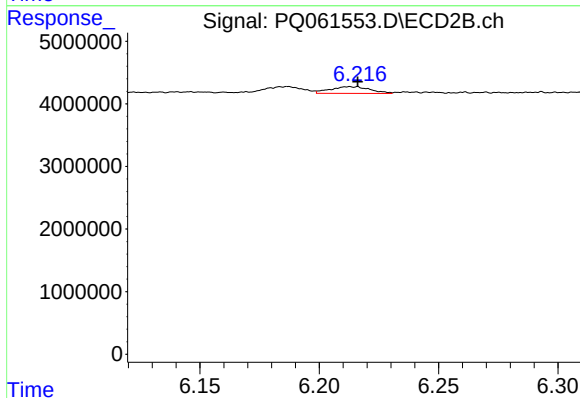
R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 444852
Conc: 3.02 ng/ml



#35 AR-1260-5

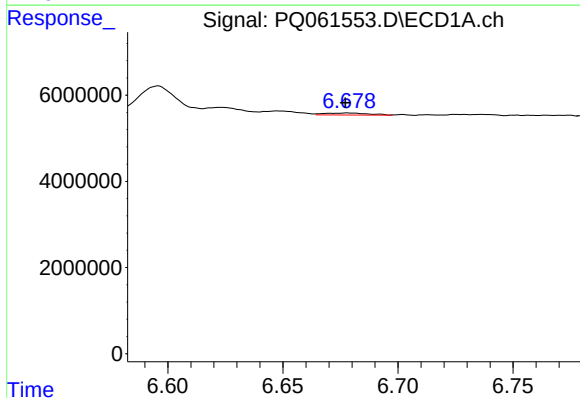
R.T.: 7.204 min
Delta R.T.: -0.001 min
Response: 1408547
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



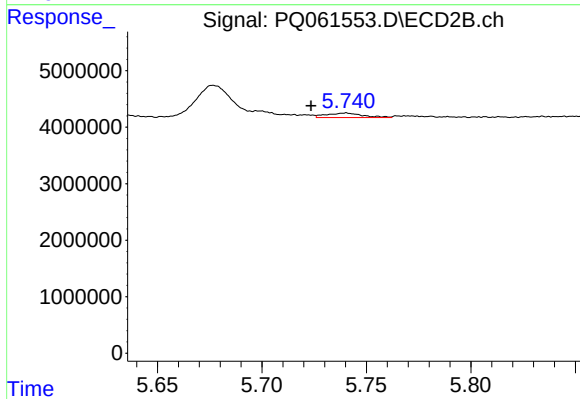
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: -0.003 min
Response: 1242143
Conc: 3.83 ng/ml



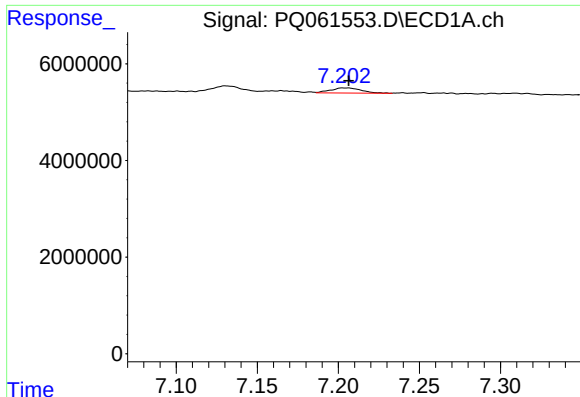
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 622409
Conc: 2.08 ng/ml



#36 AR-1262-1

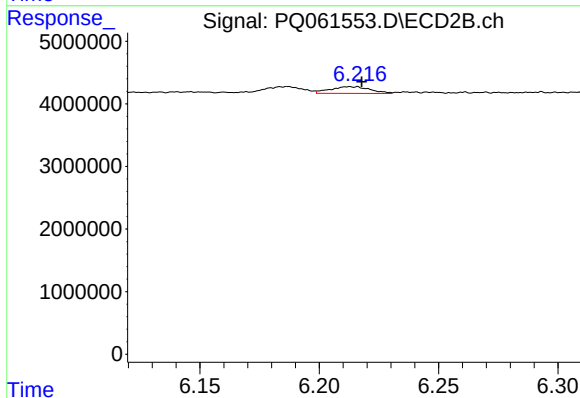
R.T.: 5.740 min
Delta R.T.: 0.017 min
Response: 942968
Conc: 3.89 ng/ml



#37 AR-1262-2

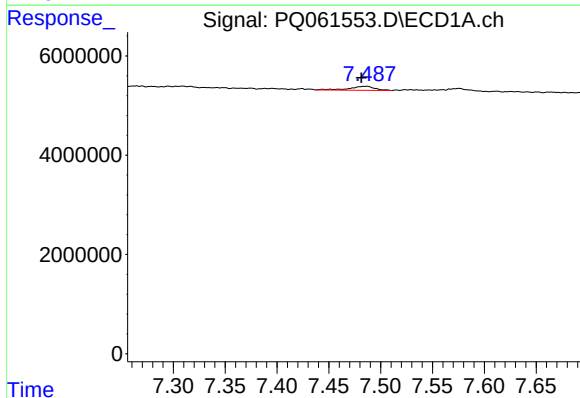
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 1408547
Conc: 2.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



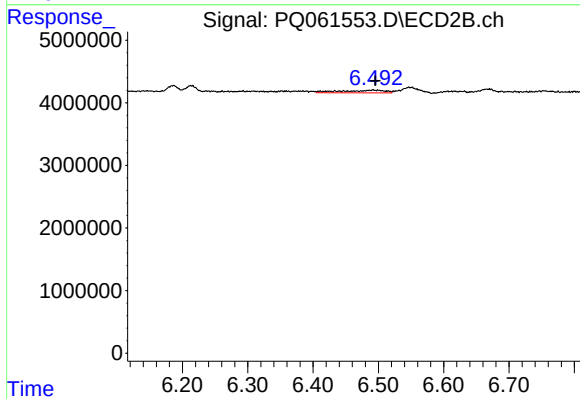
#37 AR-1262-2

R.T.: 6.213 min
Delta R.T.: -0.005 min
Response: 1242143
Conc: 2.84 ng/ml



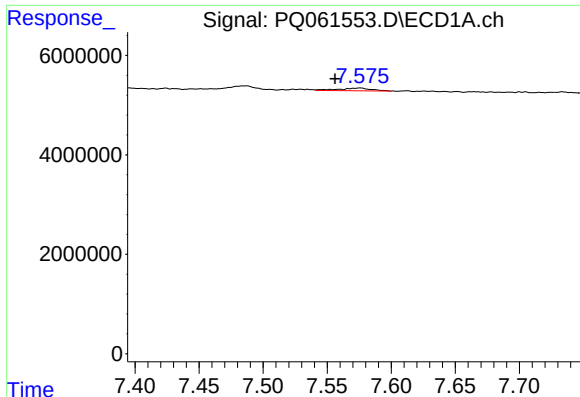
#38 AR-1262-3

R.T.: 7.486 min
Delta R.T.: 0.004 min
Response: 1423937
Conc: 4.21 ng/ml



#38 AR-1262-3

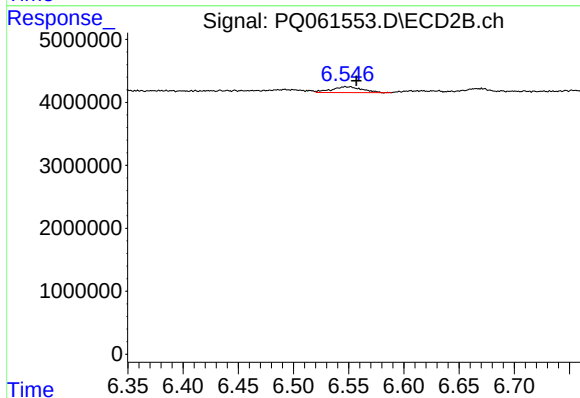
R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 1997118
Conc: 11.08 ng/ml



#39 AR-1262-4

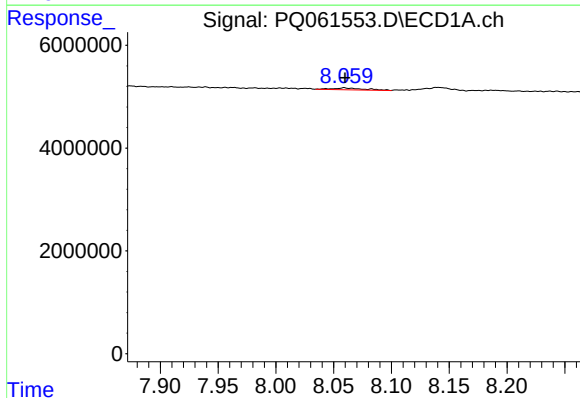
R.T.: 7.576 min
Delta R.T.: 0.020 min
Response: 972775
Conc: 3.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



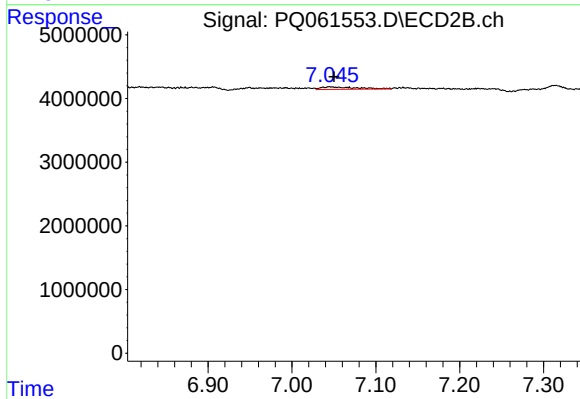
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.009 min
Response: 1751392
Conc: 5.28 ng/ml



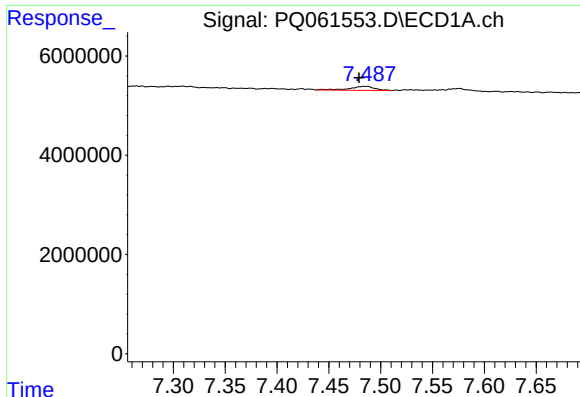
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 664084
Conc: 3.90 ng/ml



#40 AR-1262-5

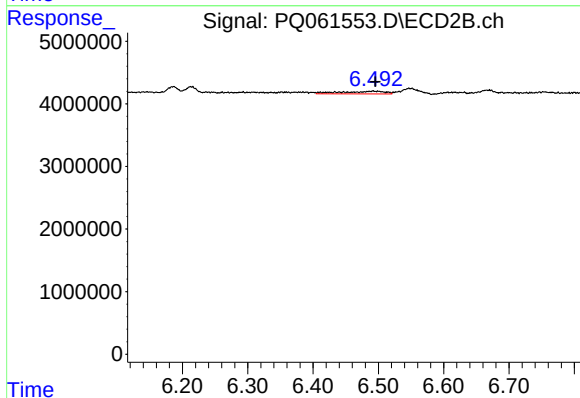
R.T.: 7.046 min
Delta R.T.: -0.005 min
Response: 1124217
Conc: 7.01 ng/ml



#41 AR-1268-1

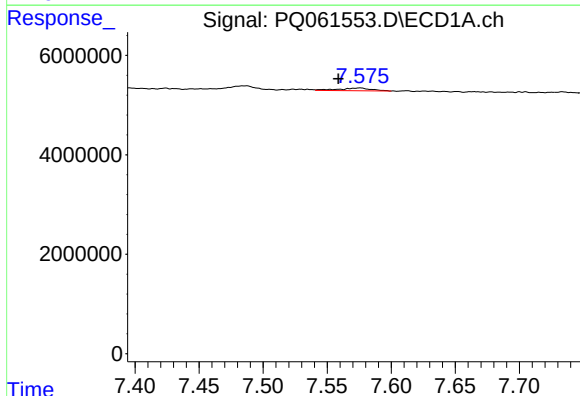
R.T.: 7.486 min
Delta R.T.: 0.007 min
Response: 1423937
Conc: 2.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



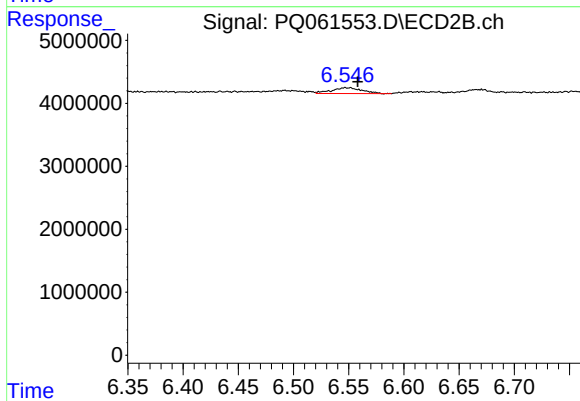
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 1997118
Conc: 4.06 ng/ml



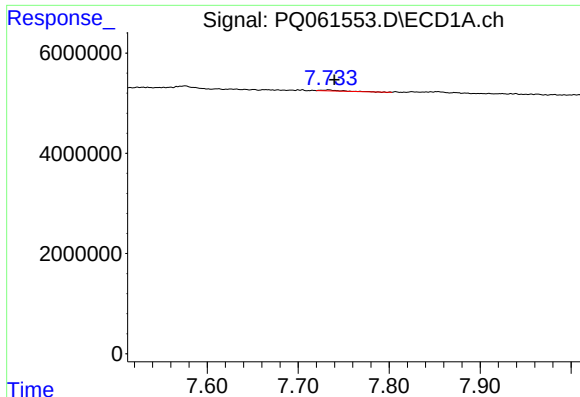
#42 AR-1268-2

R.T.: 7.576 min
Delta R.T.: 0.017 min
Response: 972775
Conc: 1.97 ng/ml



#42 AR-1268-2

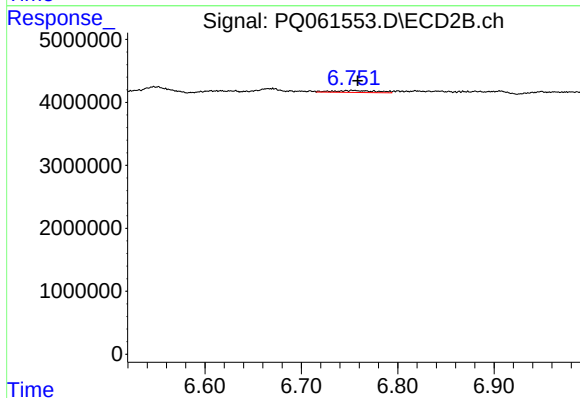
R.T.: 6.548 min
Delta R.T.: -0.010 min
Response: 1751392
Conc: 3.94 ng/ml



#43 AR-1268-3

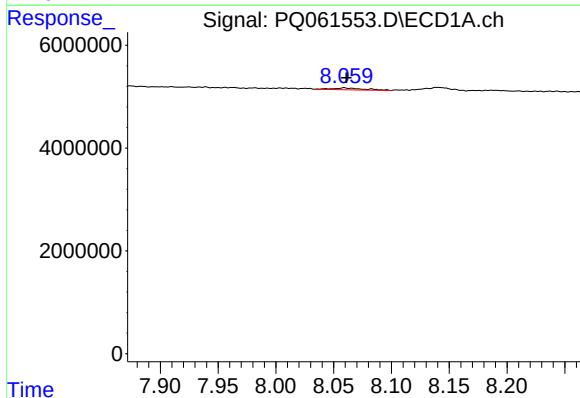
R.T.: 7.734 min
Delta R.T.: -0.006 min
Response: 268563
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



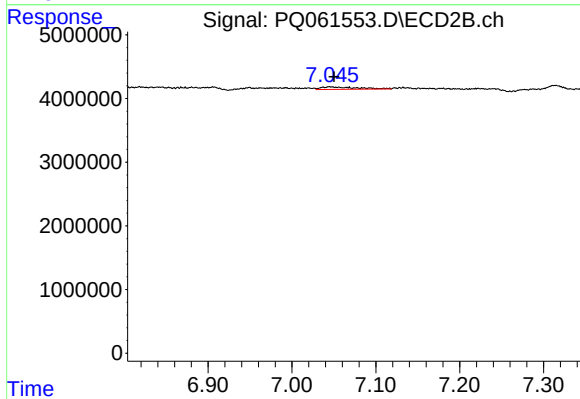
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: -0.005 min
Response: 916582
Conc: 2.34 ng/ml



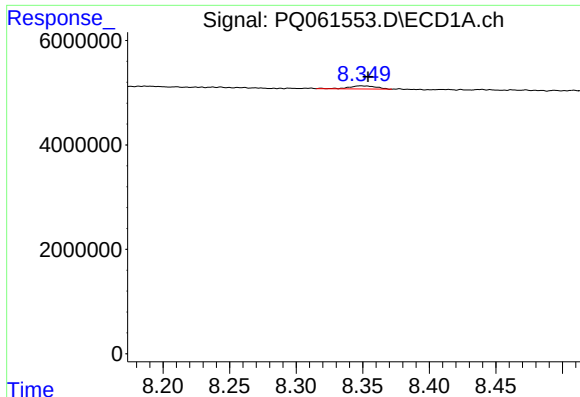
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 664084
Conc: 3.75 ng/ml



#44 AR-1268-4

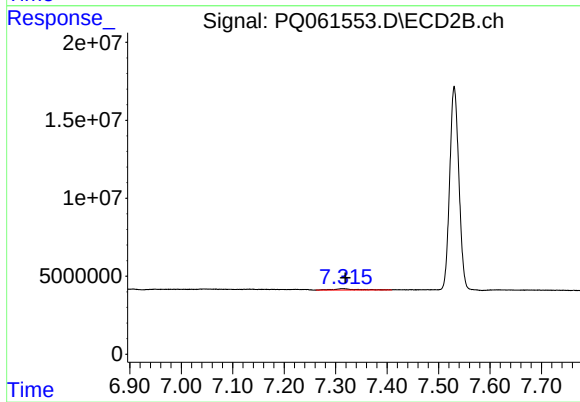
R.T.: 7.046 min
Delta R.T.: -0.005 min
Response: 1124217
Conc: 6.70 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.005 min
Response: 873342
Conc: 0.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 2948562
Conc: 2.38 ng/ml