

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 00:26
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:42:09 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	218.9E6	122.1E6	48.697	45.718
2)	SA Decachlor...	8.583	7.531	174.6E6	161.4E6	51.818	48.082
Target Compounds							
3)	L1 AR-1016-1	4.504	3.762	76152331	49433777	494.662	479.282
4)	L1 AR-1016-2	4.524	3.778	113.5E6	71540141	497.353	480.185
5)	L1 AR-1016-3	4.582	3.938	69627391	38487930	489.983	487.030
6)	L1 AR-1016-4	4.673	3.987	57476536	33423101	499.198	470.699
7)	L1 AR-1016-5	4.960	4.181	56152349	40673833	485.862	475.086
8)	L2 AR-1221-1	3.601	2.962	7474616	4632184	133.212	130.095
9)	L2 AR-1221-2	3.684	3.039	11092471	6740500	262.854	244.732
10)	L2 AR-1221-3	3.753	3.106	41493855	25210203	316.551	297.499
11)	L3 AR-1232-1	3.753	3.106	41493855	25210203	434.088	409.371
12)	L3 AR-1232-2	4.246	3.778	57080901	71540141	1039.049	1038.353
13)	L3 AR-1232-3	4.524	3.938	113.5E6	38487930	1086.335	1064.373
14)	L3 AR-1232-4	4.673	4.024	57476536	36682227	1083.286	1138.109
15)	L3 AR-1232-5	4.770	4.181	45061354	40673833	1194.866	1061.306
16)	L4 AR-1242-1	4.504	3.762	76152331	49433777	671.132	645.440
17)	L4 AR-1242-2	4.524	3.778	113.5E6	71540141	668.312	645.529
18)	L4 AR-1242-3	4.582	3.938	69627391	38487930	650.840	650.327
19)	L4 AR-1242-4	4.673	4.024	57476536	36682227	662.248	612.539
20)	L4 AR-1242-5	5.390	4.517	5534450	33659704	62.403	420.379 #
21)	L5 AR-1248-1	4.504	3.762	76152331	49433777	845.160	794.301
22)	L5 AR-1248-2	4.770	3.987	45061354	33423101	354.464	345.794
23)	L5 AR-1248-3	4.960	4.024	56152349	36682227	364.529	401.279
24)	L5 AR-1248-4	5.354	4.181	8967261	40673833	52.827	359.211 #
25)	L5 AR-1248-5	5.390	4.556	5534450	5658519	33.782	51.378 #
26)	L6 AR-1254-1	5.326	4.517	44479068	33659704	260.414	204.686
27)	L6 AR-1254-2	5.545	4.664	49232320	33607941	184.126	223.448
28)	L6 AR-1254-3	5.897	5.046	27048379	17426462	96.794	74.889
29)	L6 AR-1254-4	6.180	5.272	19170643	6751851	93.659	46.995 #
30)	L6 AR-1254-5	6.594	5.677	162.0E6	126.7E6	686.787	555.425
31)	L7 AR-1260-1	6.063	5.175	110.0E6	81928065	494.970	476.300
32)	L7 AR-1260-2	6.322	5.365	135.5E6	101.7E6	509.459	490.836
33)	L7 AR-1260-3	6.676	5.506	83223068	95279902	494.941	479.725
34)	L7 AR-1260-4	6.893	5.968	100.8E6	71544502	502.117	486.348
35)	L7 AR-1260-5	7.204	6.214	195.6E6	163.1E6	513.813	502.396
36)	L8 AR-1262-1	6.676	5.721	83223068	71426542	277.969	294.728
37)	L8 AR-1262-2	7.204	6.214	195.6E6	163.1E6	387.864	373.258
38)	L8 AR-1262-3	7.483	6.492	126.3E6	34761129	373.681	192.885 #
39)	L8 AR-1262-4	7.552	6.550	31830806	128.0E6	123.944	385.841 #
40)	L8 AR-1262-5	8.057	7.047	45818435	41110616	269.032	256.268
41)	L9 AR-1268-1	7.483	6.492	126.3E6	34761129	229.294	70.754 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 00:26
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

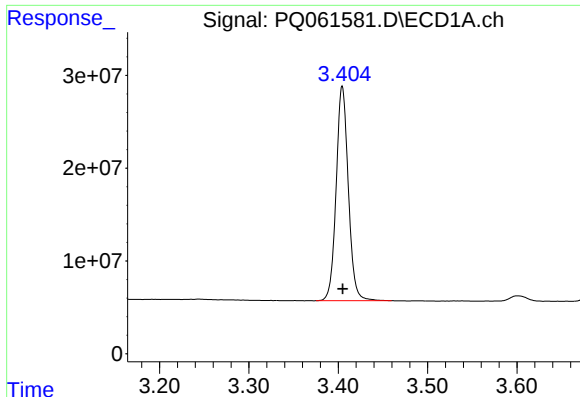
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:42:09 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	7.552	6.550	31830806	128.0E6	64.600	287.614 #
43) L9	AR-1268-3	7.736	6.754	3669442	3488776	8.899	8.912
44) L9	AR-1268-4	8.057	7.047	45818435	41110616	258.850	244.882
45) L9	AR-1268-5	8.350	7.315	15153409	15387163	12.749	12.408

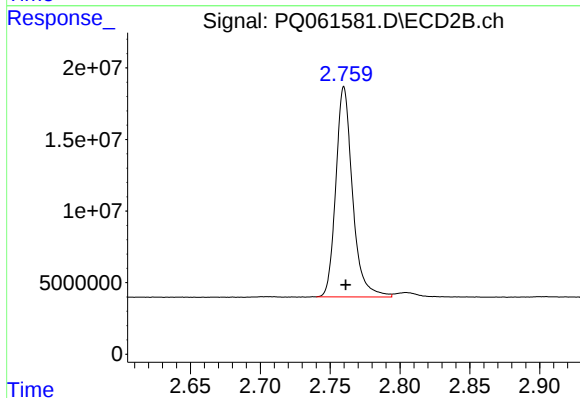
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

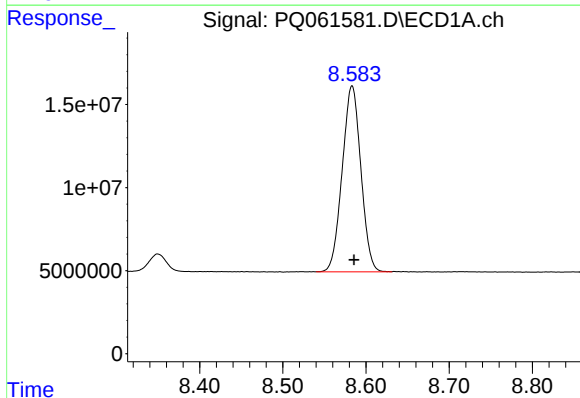
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 218892715
Conc: 48.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



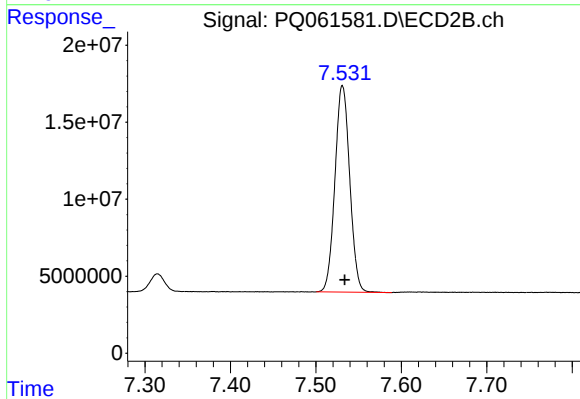
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 122083649
Conc: 45.72 ng/ml



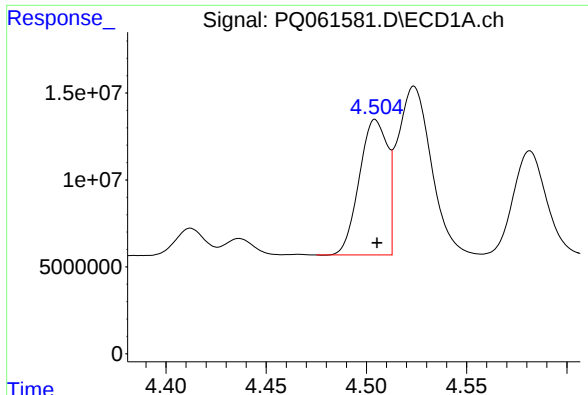
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.003 min
Response: 174557569
Conc: 51.82 ng/ml



#2 Decachlorobiphenyl

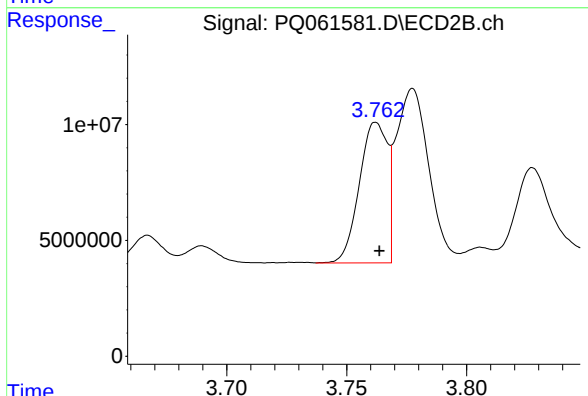
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 161388230
Conc: 48.08 ng/ml



#3 AR-1016-1

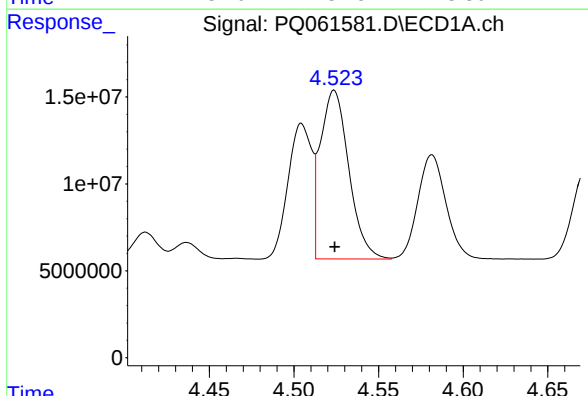
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 76152331
Conc: 494.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



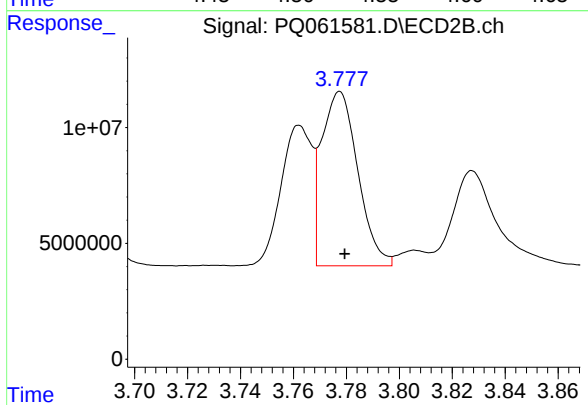
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 49433777
Conc: 479.28 ng/ml



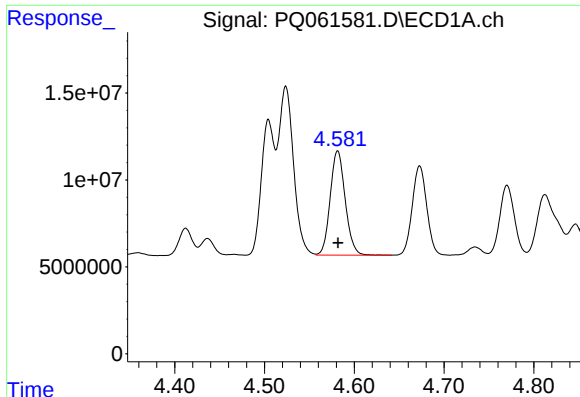
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 113478308
Conc: 497.35 ng/ml



#4 AR-1016-2

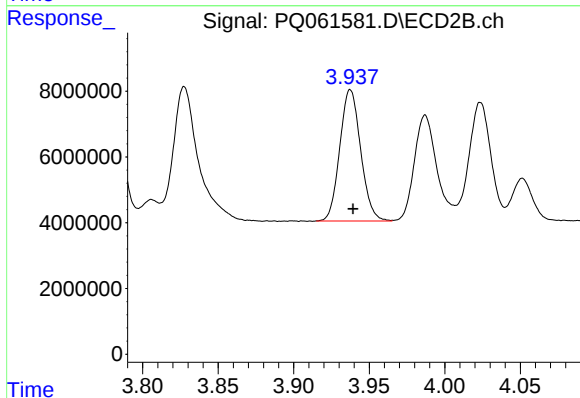
R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 71540141
Conc: 480.19 ng/ml



#5 AR-1016-3

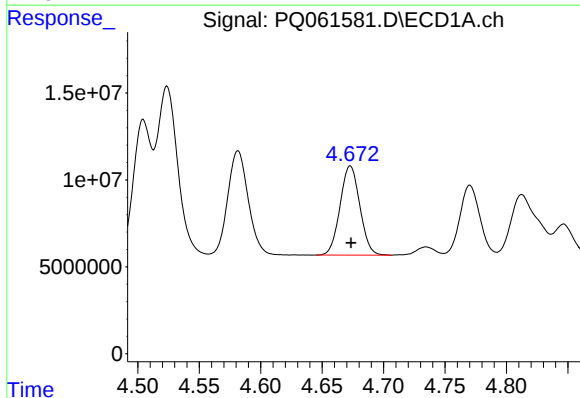
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 69627391
Conc: 489.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



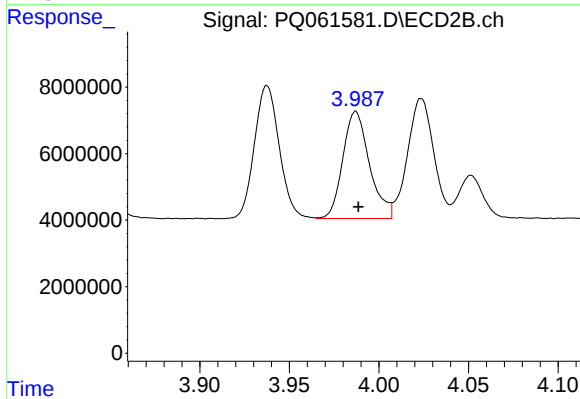
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 38487930
Conc: 487.03 ng/ml



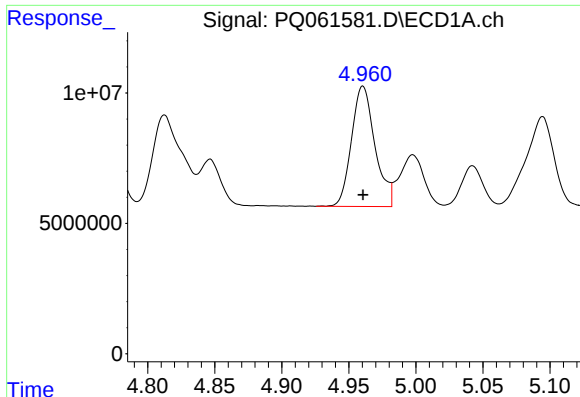
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 57476536
Conc: 499.20 ng/ml



#6 AR-1016-4

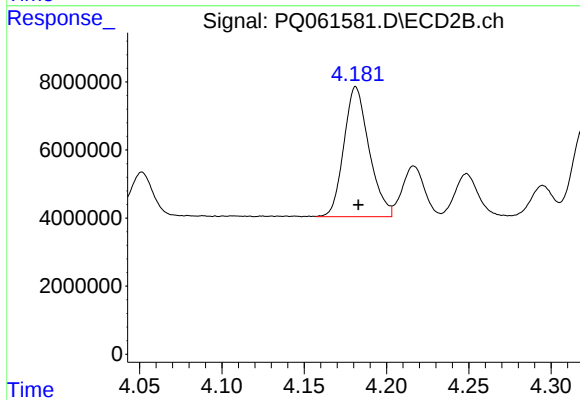
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 33423101
Conc: 470.70 ng/ml



#7 AR-1016-5

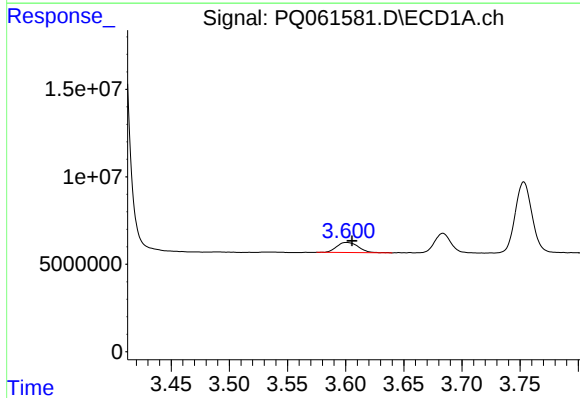
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 56152349
Conc: 485.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



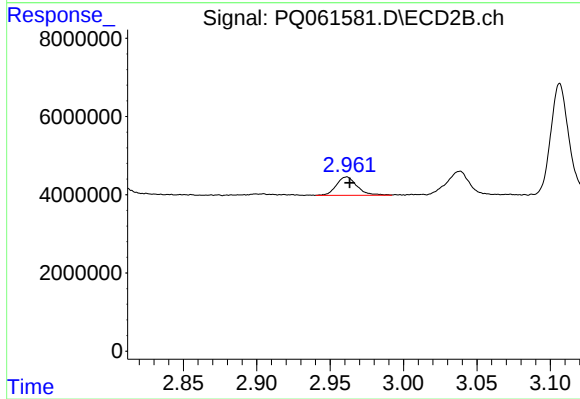
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 40673833
Conc: 475.09 ng/ml



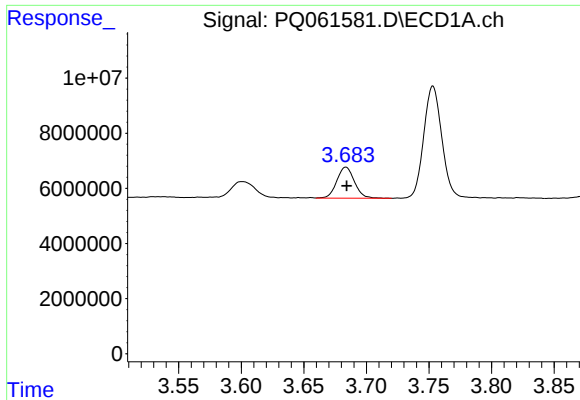
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.005 min
Response: 7474616
Conc: 133.21 ng/ml



#8 AR-1221-1

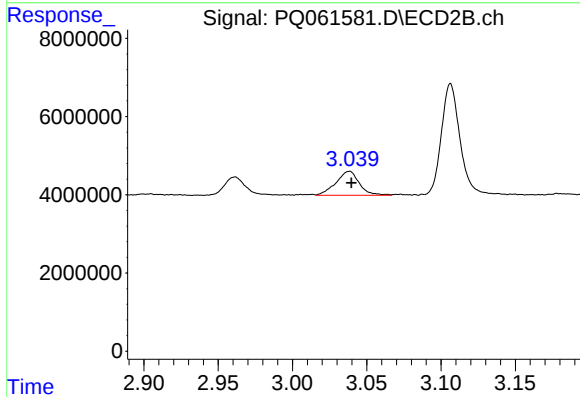
R.T.: 2.962 min
Delta R.T.: -0.002 min
Response: 4632184
Conc: 130.10 ng/ml



#9 AR-1221-2

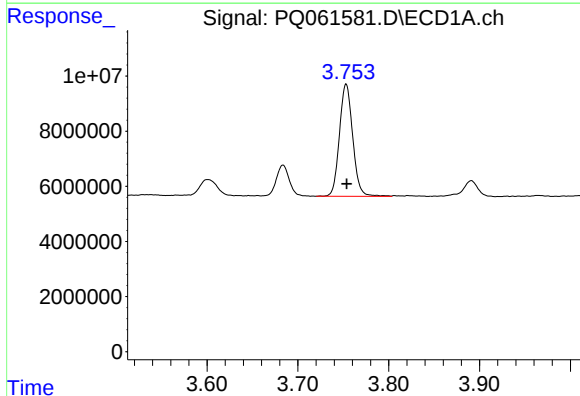
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 11092471
Conc: 262.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



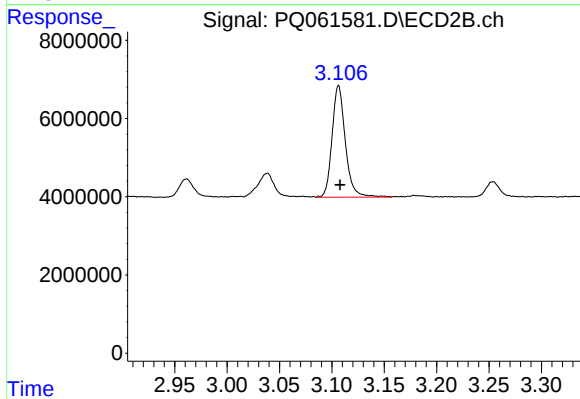
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: -0.001 min
Response: 6740500
Conc: 244.73 ng/ml



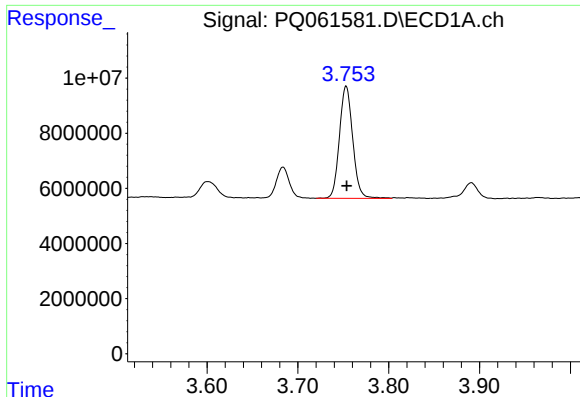
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 41493855
Conc: 316.55 ng/ml



#10 AR-1221-3

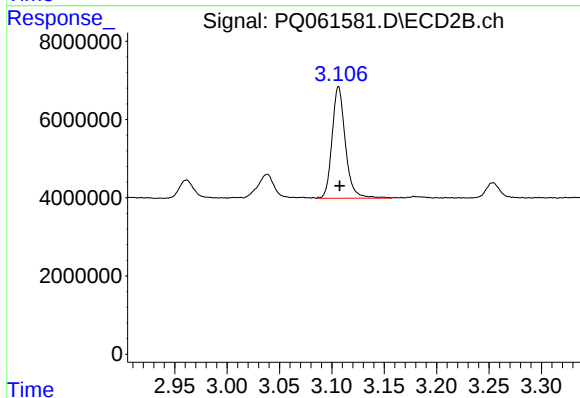
R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 25210203
Conc: 297.50 ng/ml



#11 AR-1232-1

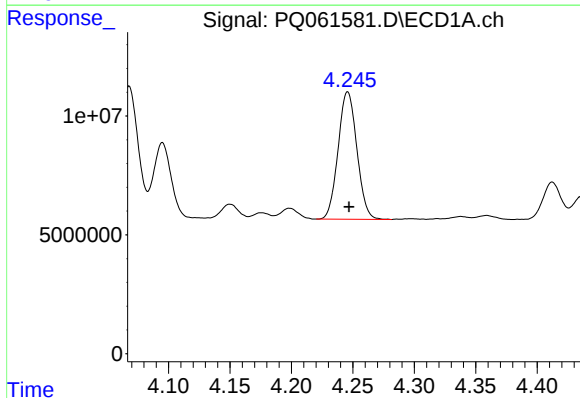
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 41493855
Conc: 434.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



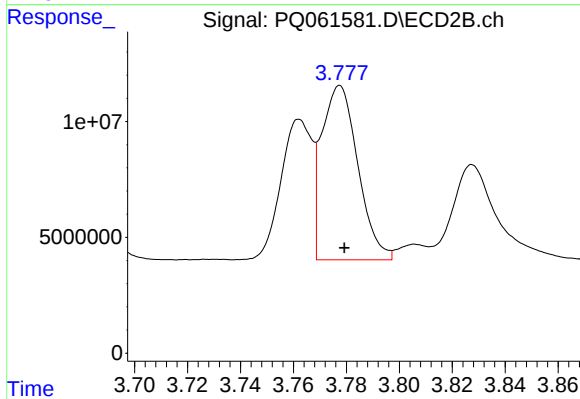
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 25210203
Conc: 409.37 ng/ml



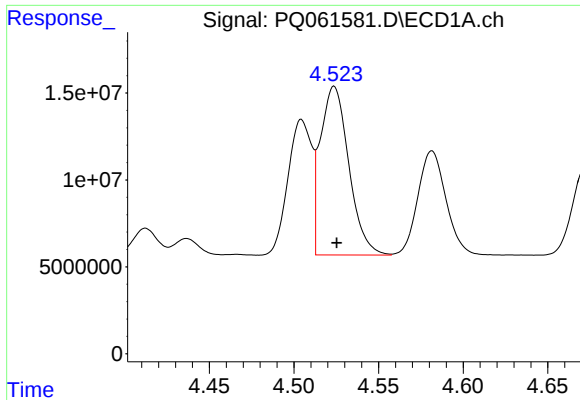
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: -0.001 min
Response: 57080901
Conc: 1039.05 ng/ml



#12 AR-1232-2

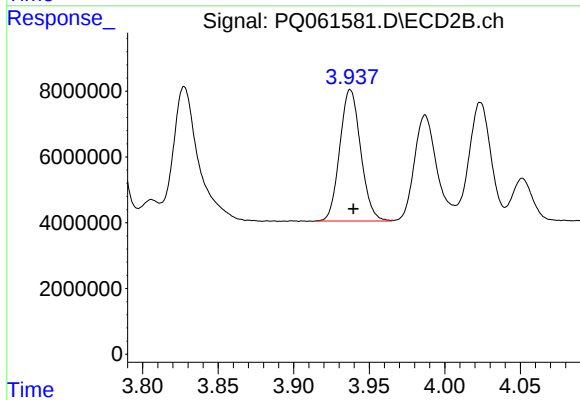
R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 71540141
Conc: 1038.35 ng/ml



#13 AR-1232-3

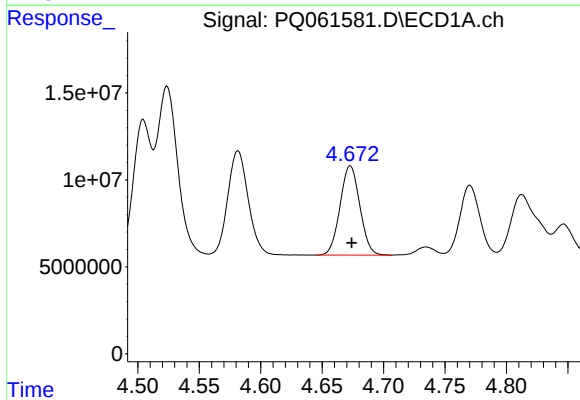
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 113478308
Conc: 1086.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



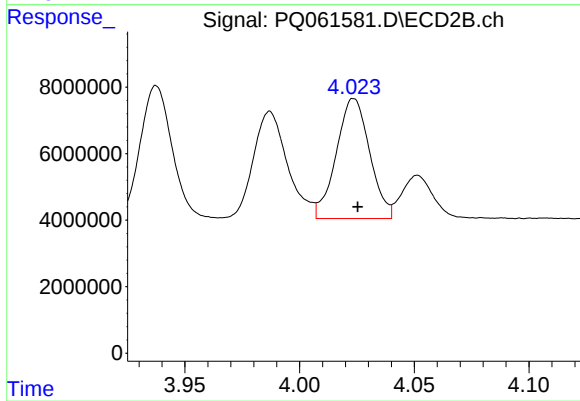
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 38487930
Conc: 1064.37 ng/ml



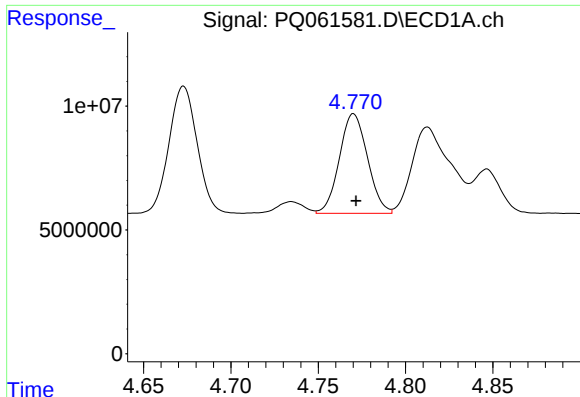
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 57476536
Conc: 1083.29 ng/ml



#14 AR-1232-4

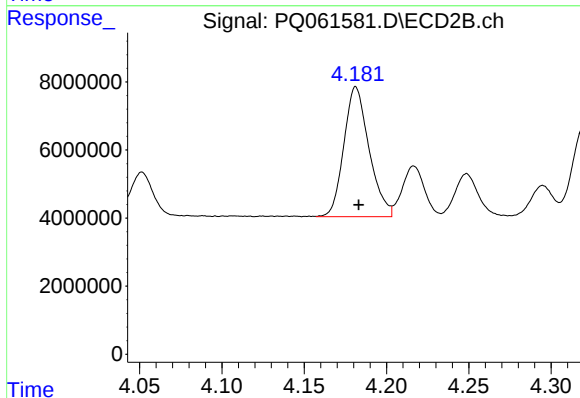
R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 36682227
Conc: 1138.11 ng/ml



#15 AR-1232-5

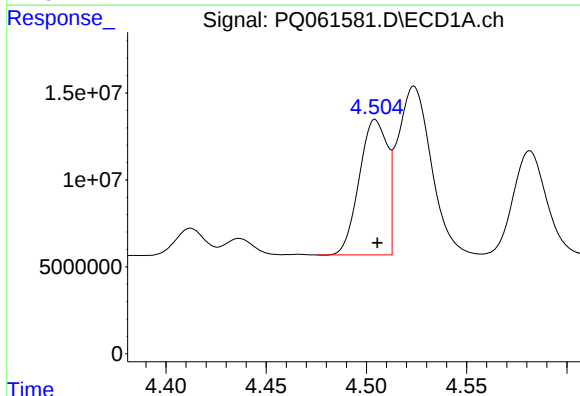
R.T.: 4.770 min
Delta R.T.: -0.001 min
Response: 45061354
Conc: 1194.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



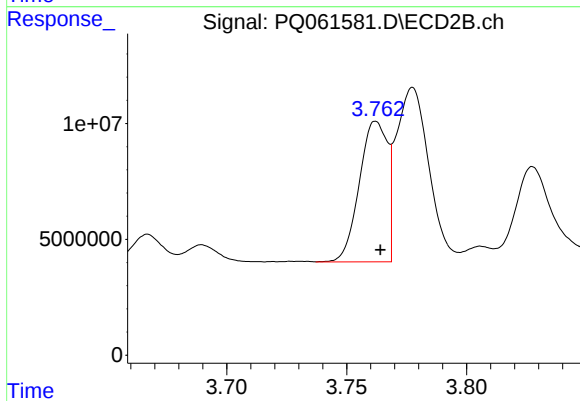
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 40673833
Conc: 1061.31 ng/ml



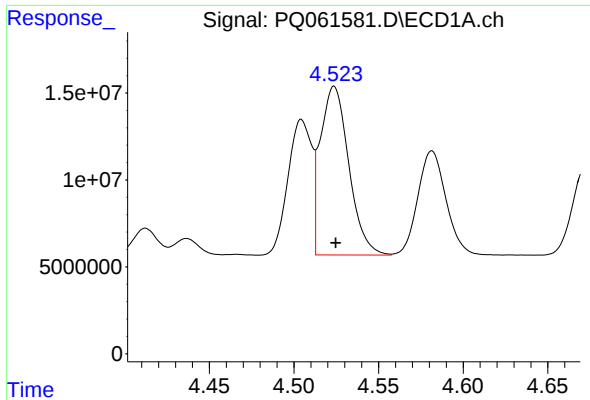
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: -0.001 min
Response: 76152331
Conc: 671.13 ng/ml



#16 AR-1242-1

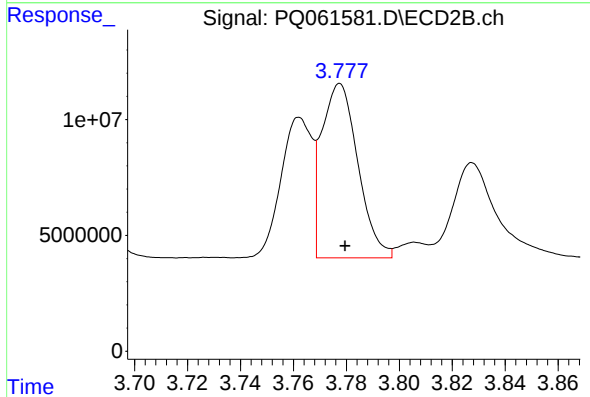
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 49433777
Conc: 645.44 ng/ml



#17 AR-1242-2

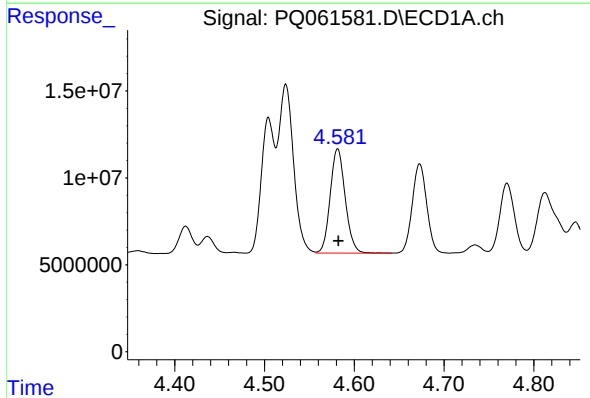
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 113478308
Conc: 668.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



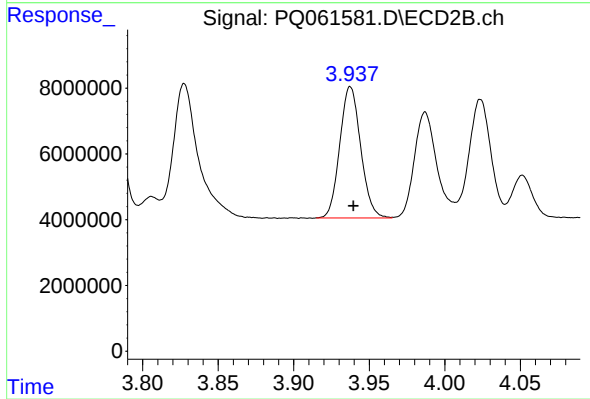
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 71540141
Conc: 645.53 ng/ml



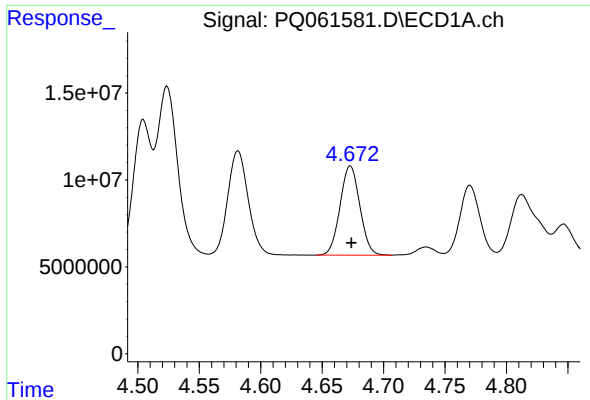
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 69627391
Conc: 650.84 ng/ml



#18 AR-1242-3

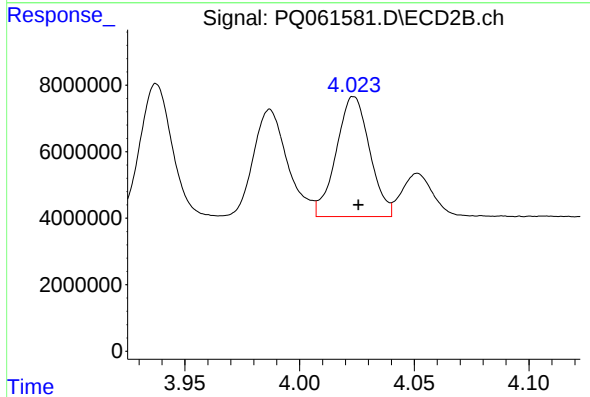
R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 38487930
Conc: 650.33 ng/ml



#19 AR-1242-4

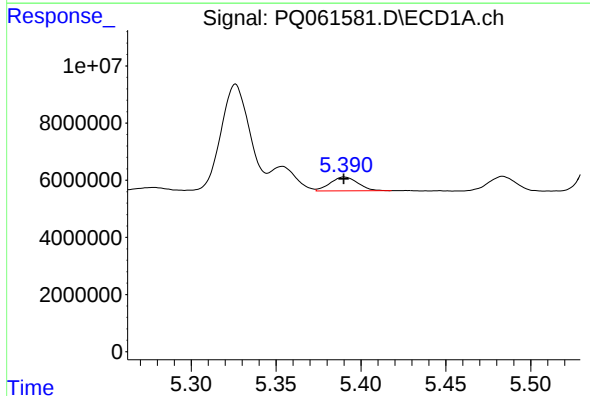
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 57476536
Conc: 662.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



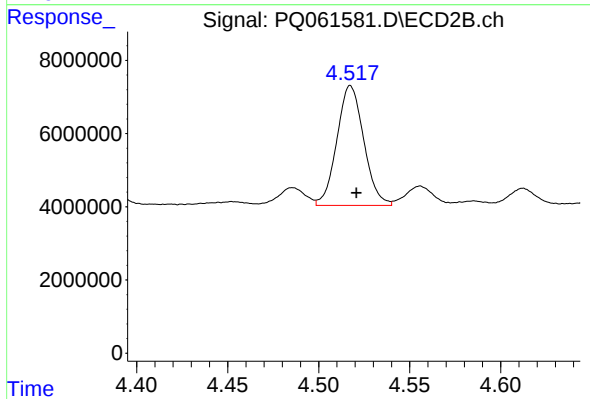
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 36682227
Conc: 612.54 ng/ml



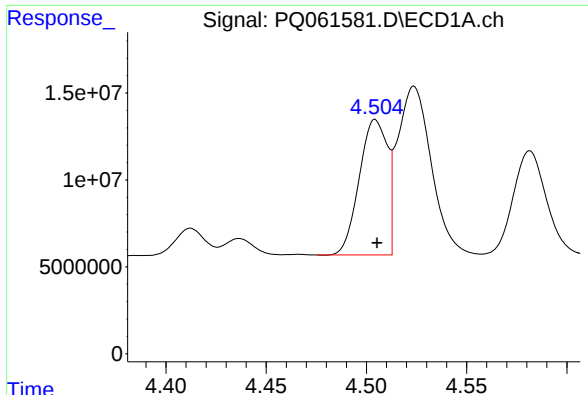
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 5534450
Conc: 62.40 ng/ml



#20 AR-1242-5

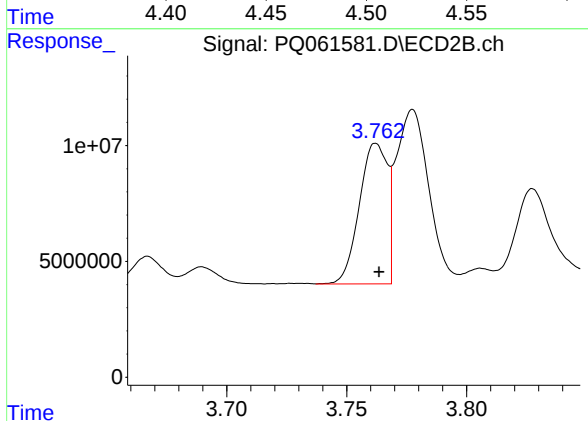
R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 33659704
Conc: 420.38 ng/ml



#21 AR-1248-1

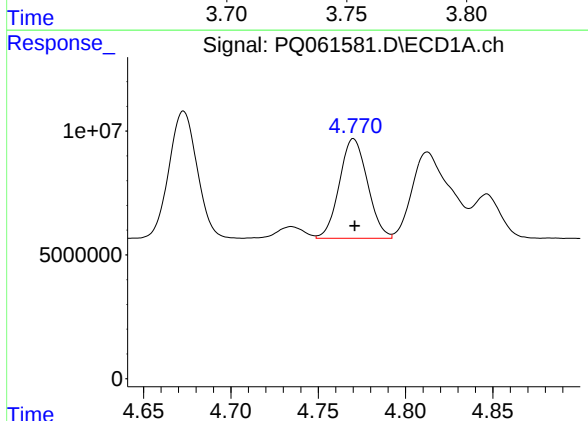
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 76152331
Conc: 845.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



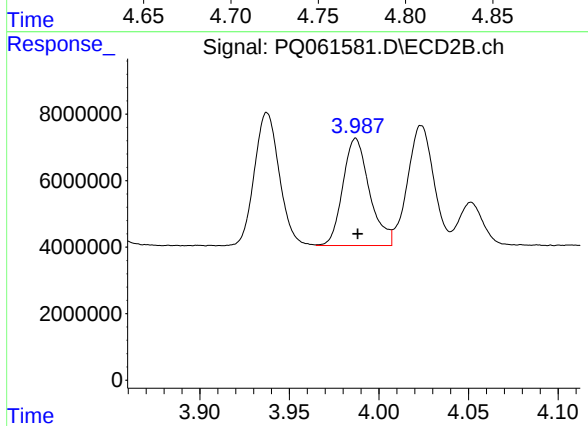
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 49433777
Conc: 794.30 ng/ml



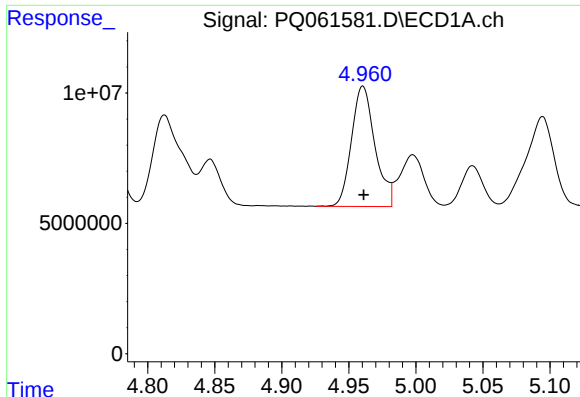
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 45061354
Conc: 354.46 ng/ml



#22 AR-1248-2

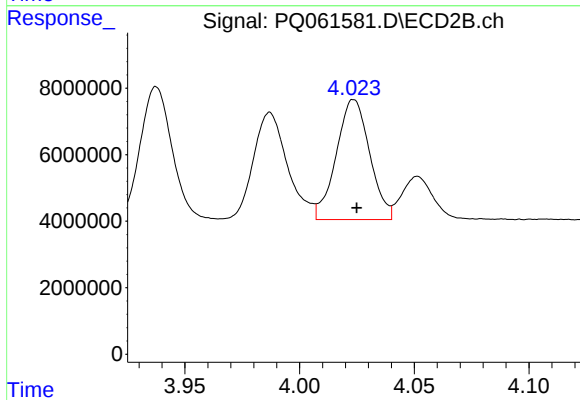
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 33423101
Conc: 345.79 ng/ml



#23 AR-1248-3

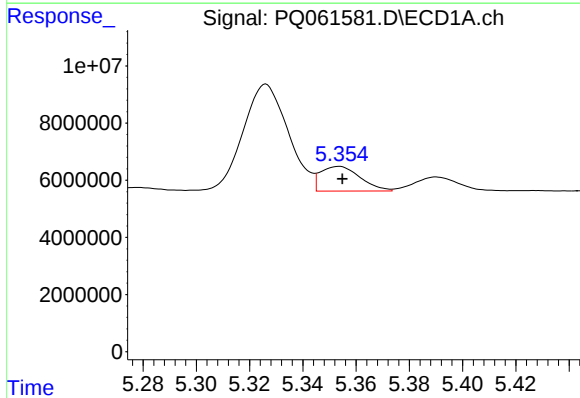
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 56152349
Conc: 364.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



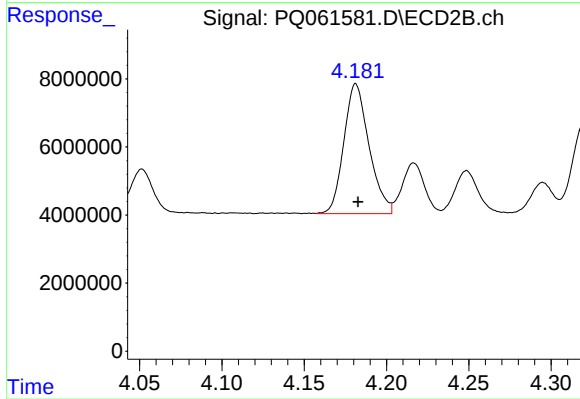
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 36682227
Conc: 401.28 ng/ml



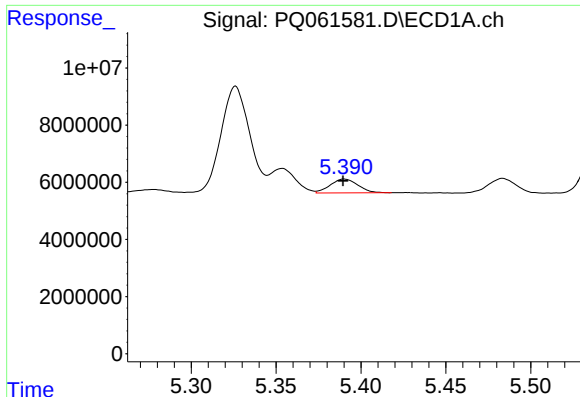
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.001 min
Response: 8967261
Conc: 52.83 ng/ml



#24 AR-1248-4

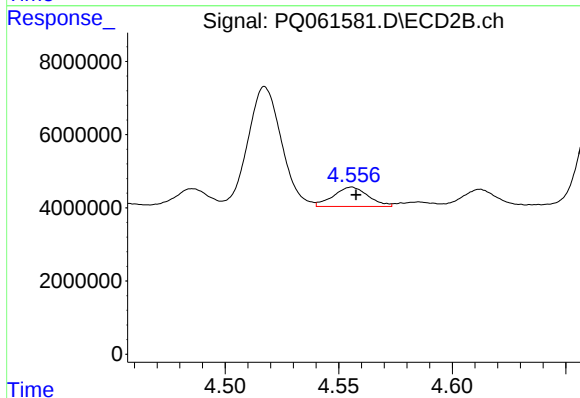
R.T.: 4.181 min
Delta R.T.: -0.001 min
Response: 40673833
Conc: 359.21 ng/ml



#25 AR-1248-5

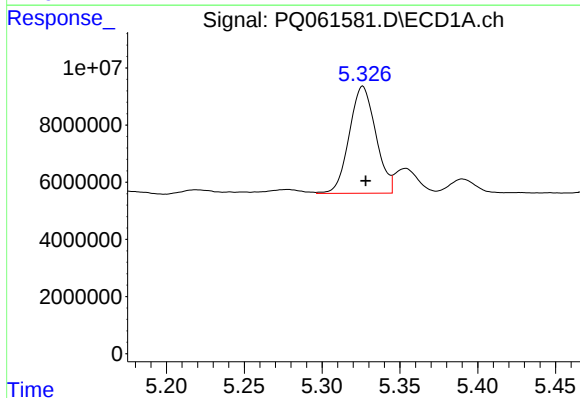
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 5534450
Conc: 33.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



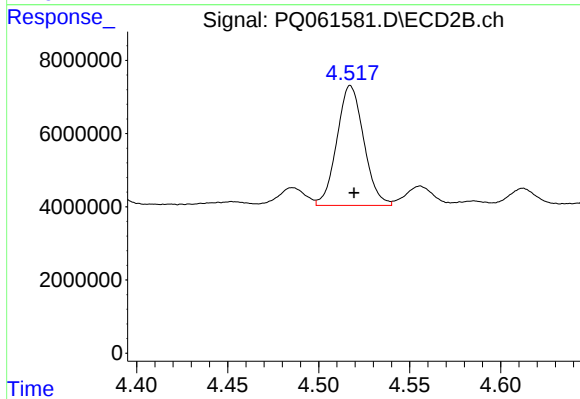
#25 AR-1248-5

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 5658519
Conc: 51.38 ng/ml



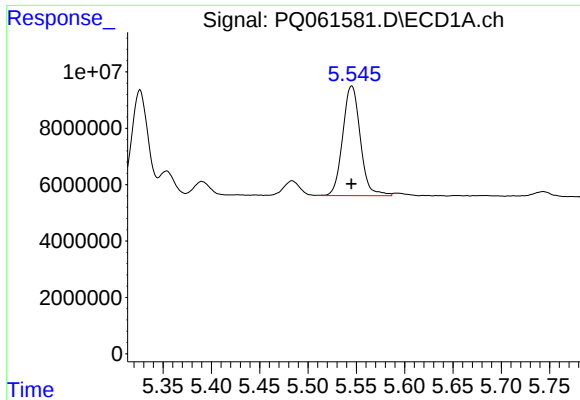
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: -0.002 min
Response: 44479068
Conc: 260.41 ng/ml



#26 AR-1254-1

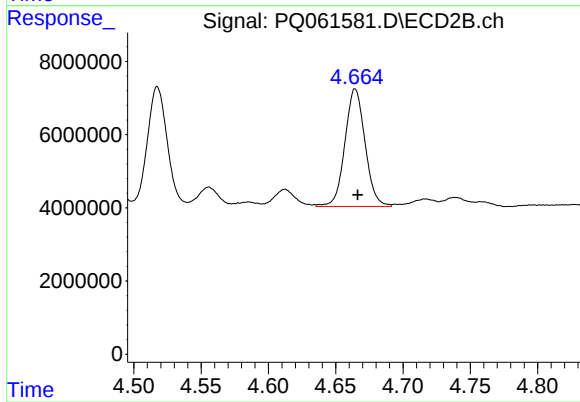
R.T.: 4.517 min
Delta R.T.: -0.002 min
Response: 33659704
Conc: 204.69 ng/ml



#27 AR-1254-2

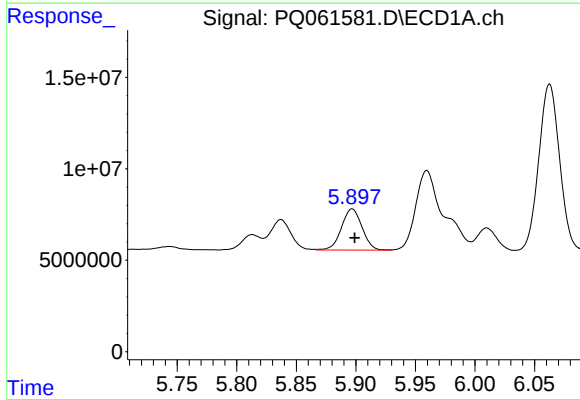
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 49232320
Conc: 184.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



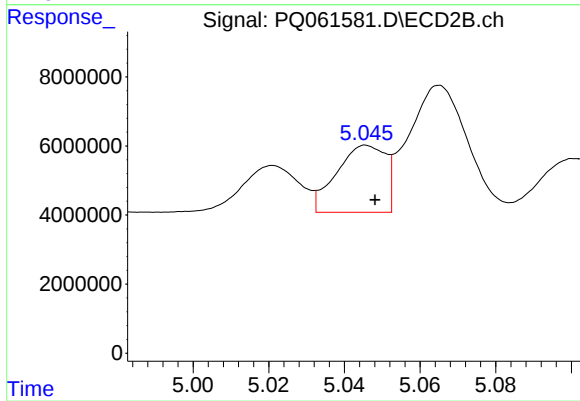
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 33607941
Conc: 223.45 ng/ml



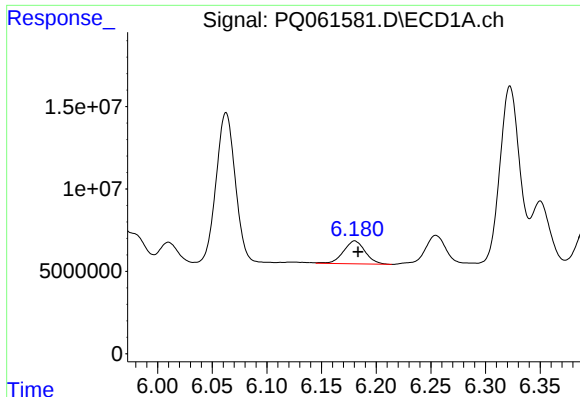
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 27048379
Conc: 96.79 ng/ml



#28 AR-1254-3

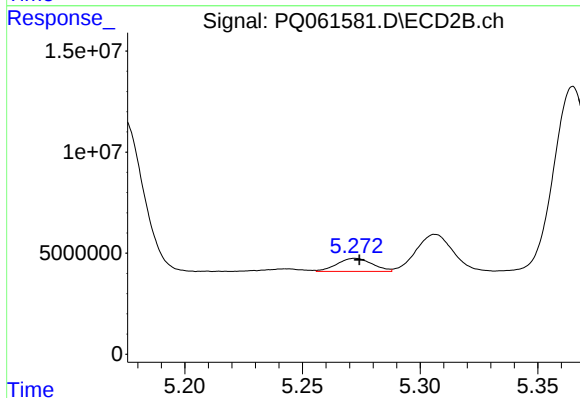
R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 17426462
Conc: 74.89 ng/ml



#29 AR-1254-4

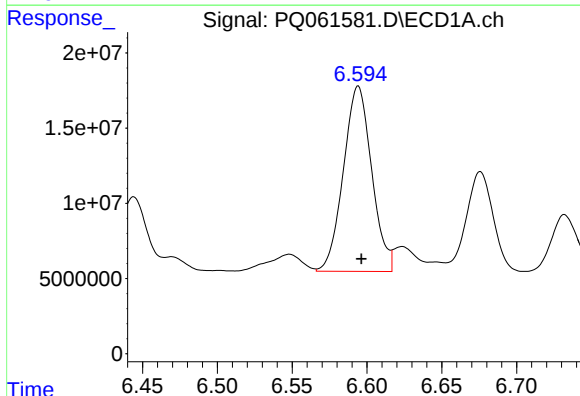
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 19170643
Conc: 93.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



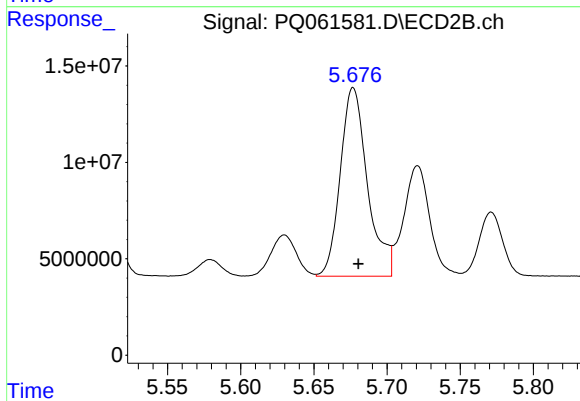
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 6751851
Conc: 47.00 ng/ml



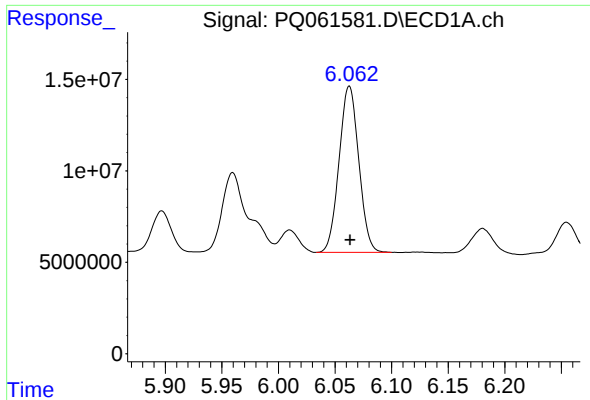
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 162001687
Conc: 686.79 ng/ml



#30 AR-1254-5

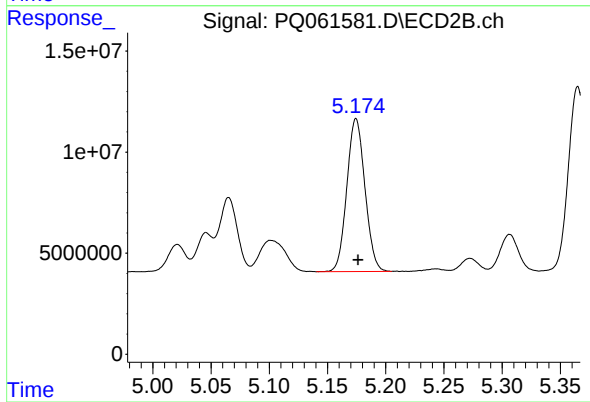
R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 126698064
Conc: 555.43 ng/ml



#31 AR-1260-1

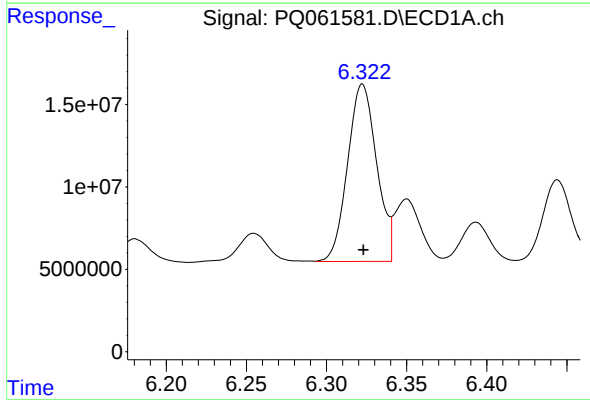
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 109968900
Conc: 494.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



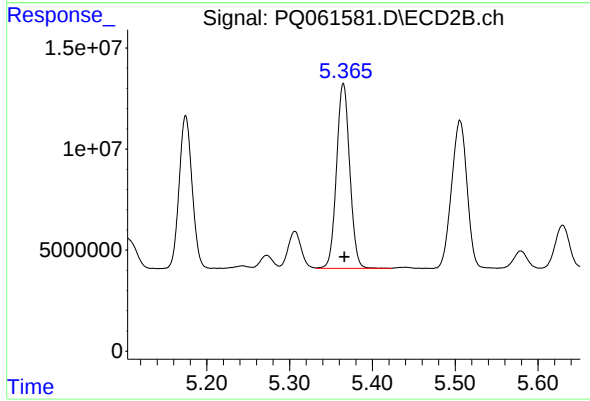
#31 AR-1260-1

R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 81928065
Conc: 476.30 ng/ml



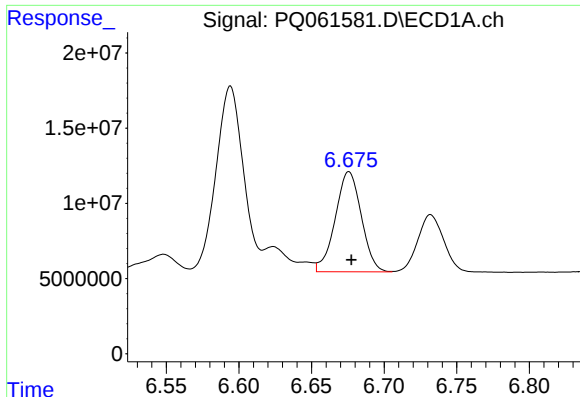
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 135538182
Conc: 509.46 ng/ml



#32 AR-1260-2

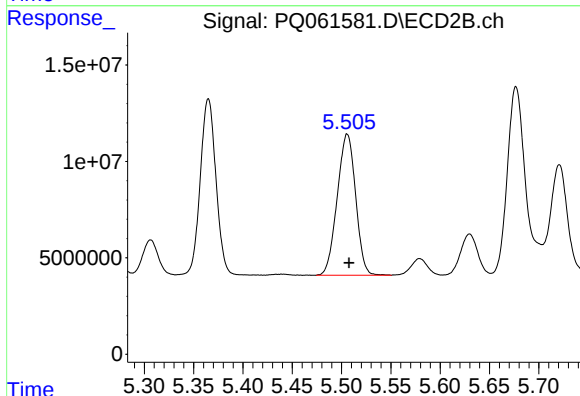
R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 101717632
Conc: 490.84 ng/ml



#33 AR-1260-3

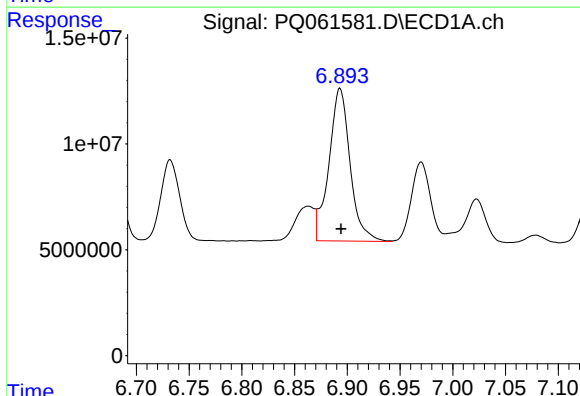
R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 83223068
Conc: 494.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



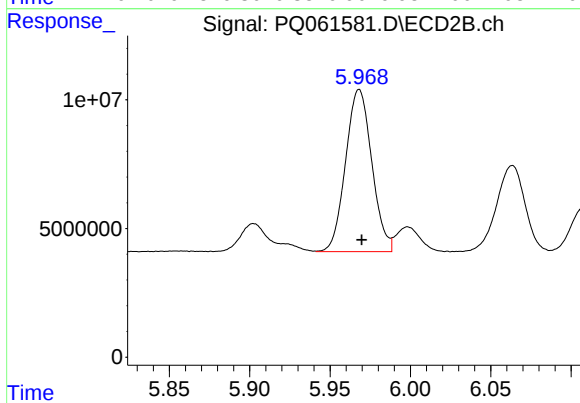
#33 AR-1260-3

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 95279902
Conc: 479.73 ng/ml



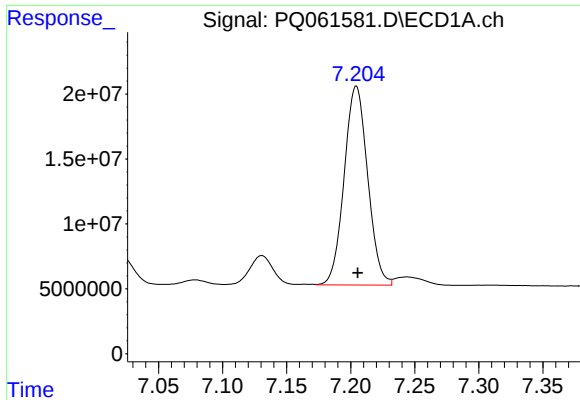
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: -0.001 min
Response: 100772647
Conc: 502.12 ng/ml



#34 AR-1260-4

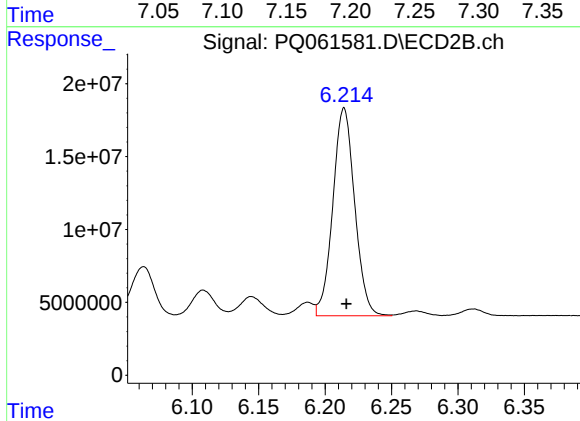
R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 71544502
Conc: 486.35 ng/ml



#35 AR-1260-5

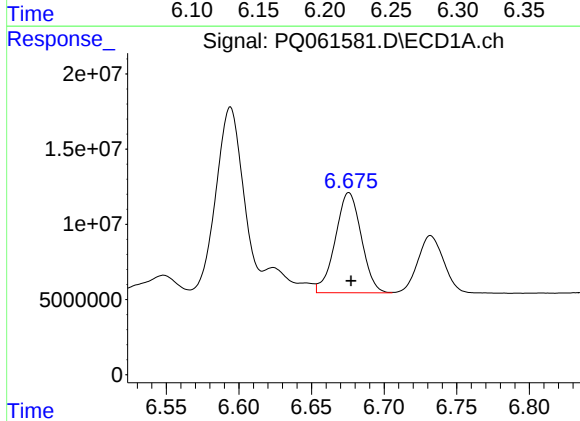
R.T.: 7.204 min
Delta R.T.: -0.001 min
Response: 195553604
Conc: 513.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



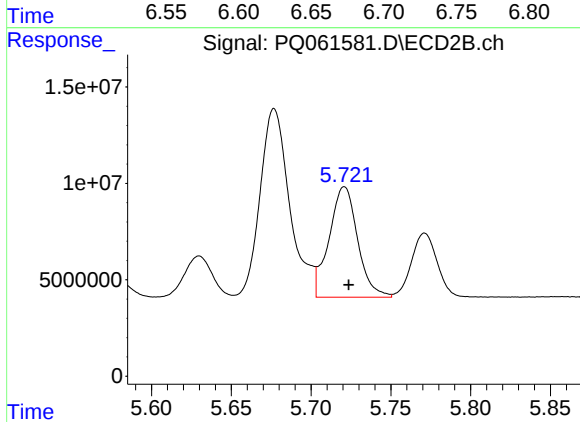
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 163132858
Conc: 502.40 ng/ml



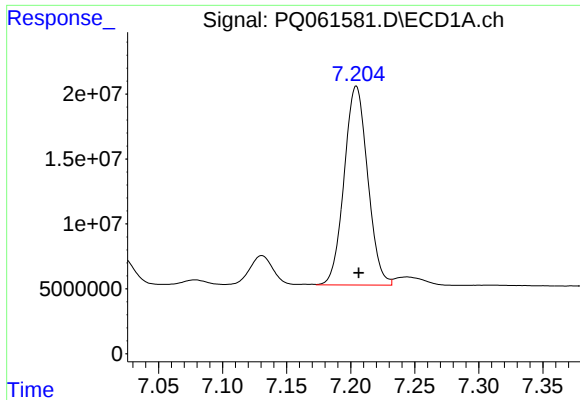
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 83223068
Conc: 277.97 ng/ml



#36 AR-1262-1

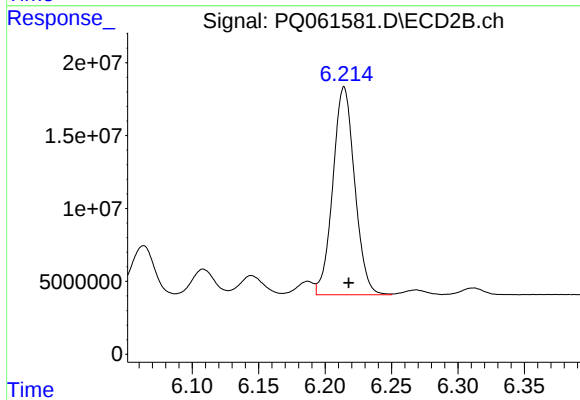
R.T.: 5.721 min
Delta R.T.: -0.003 min
Response: 71426542
Conc: 294.73 ng/ml



#37 AR-1262-2

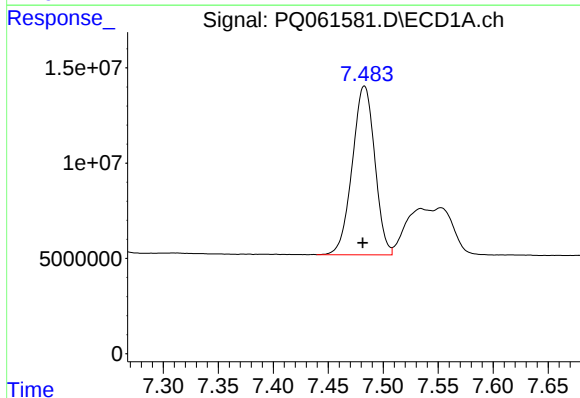
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 195553604
Conc: 387.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



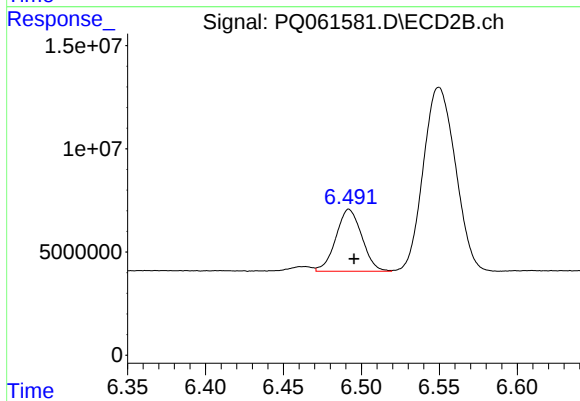
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 163132858
Conc: 373.26 ng/ml



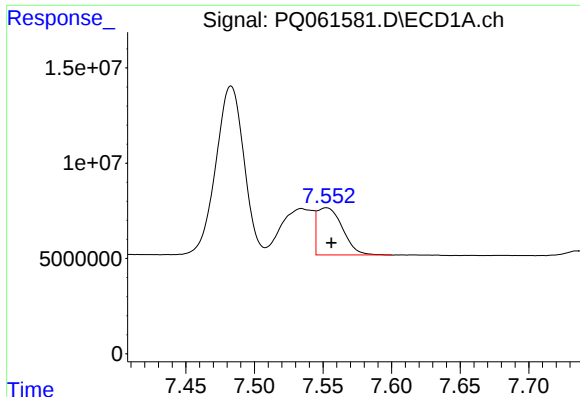
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.001 min
Response: 126284280
Conc: 373.68 ng/ml



#38 AR-1262-3

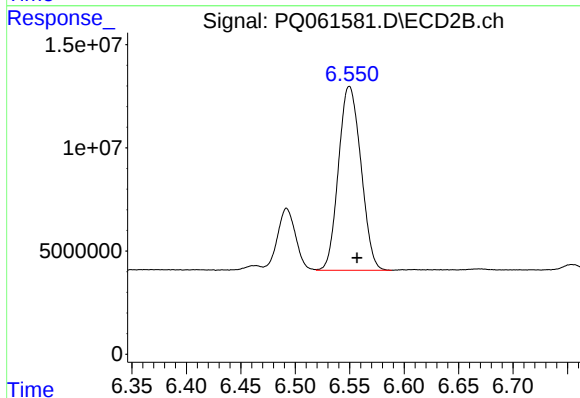
R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 34761129
Conc: 192.88 ng/ml



#39 AR-1262-4

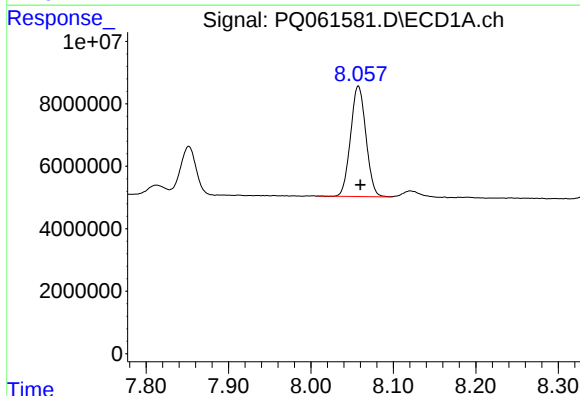
R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 31830806
Conc: 123.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



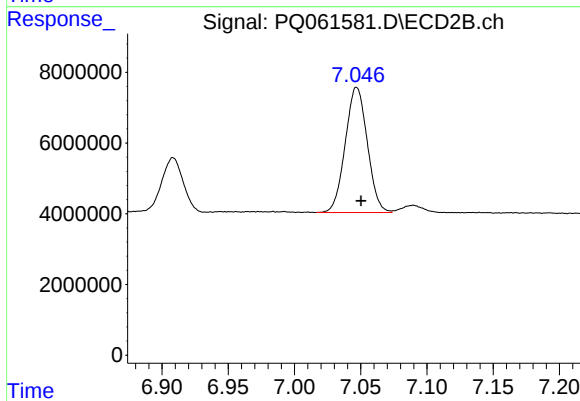
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: -0.007 min
Response: 127955834
Conc: 385.84 ng/ml



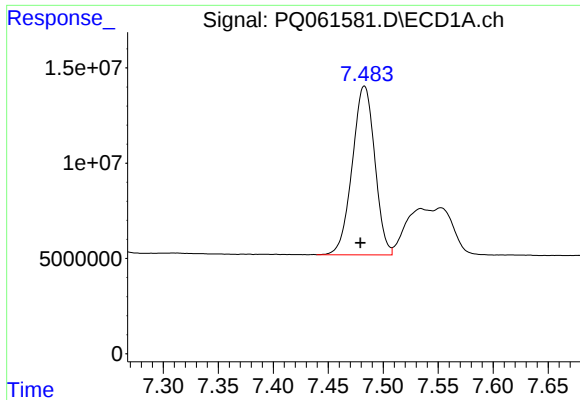
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.003 min
Response: 45818435
Conc: 269.03 ng/ml



#40 AR-1262-5

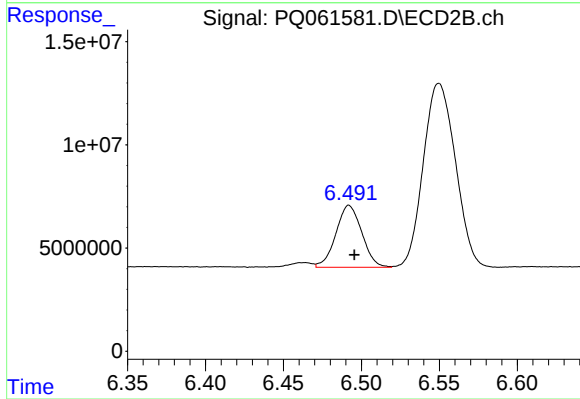
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 41110616
Conc: 256.27 ng/ml



#41 AR-1268-1

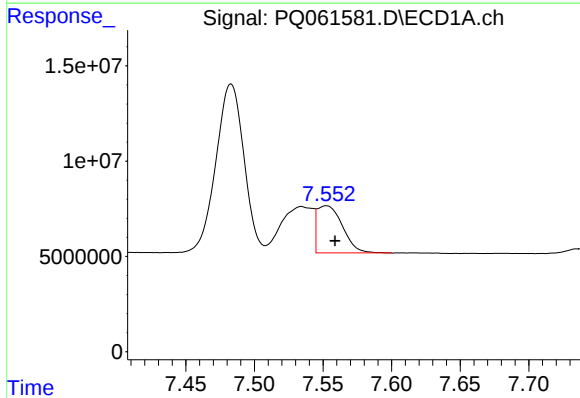
R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 126284280
Conc: 229.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



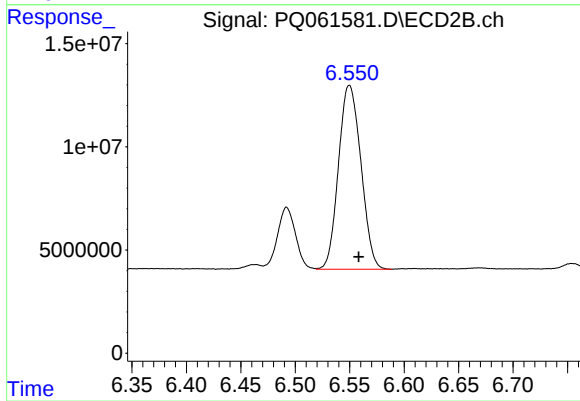
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 34761129
Conc: 70.75 ng/ml



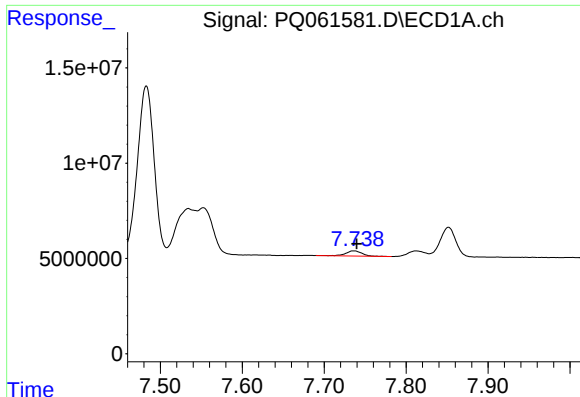
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.006 min
Response: 31830806
Conc: 64.60 ng/ml



#42 AR-1268-2

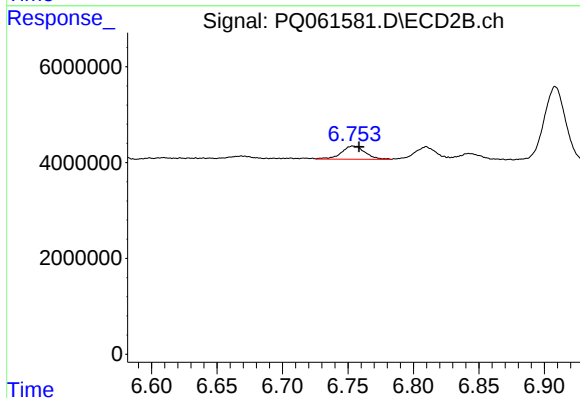
R.T.: 6.550 min
Delta R.T.: -0.009 min
Response: 127955834
Conc: 287.61 ng/ml



#43 AR-1268-3

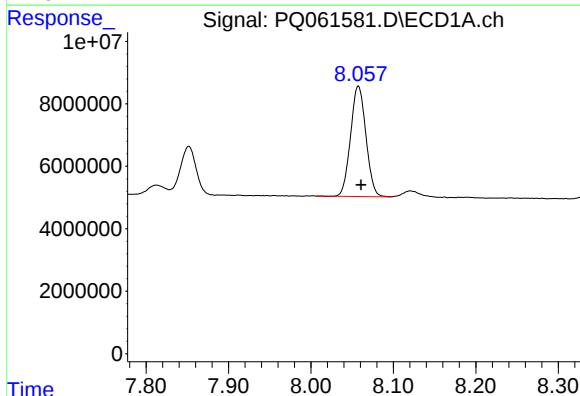
R.T.: 7.736 min
Delta R.T.: -0.003 min
Response: 3669442
Conc: 8.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



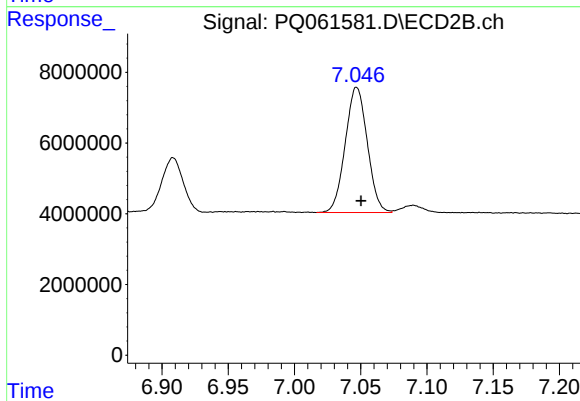
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 3488776
Conc: 8.91 ng/ml



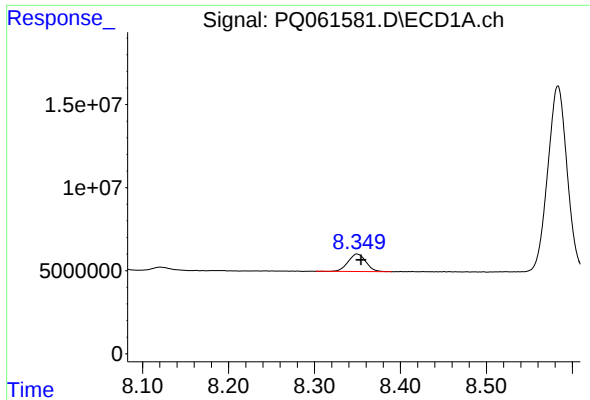
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.004 min
Response: 45818435
Conc: 258.85 ng/ml



#44 AR-1268-4

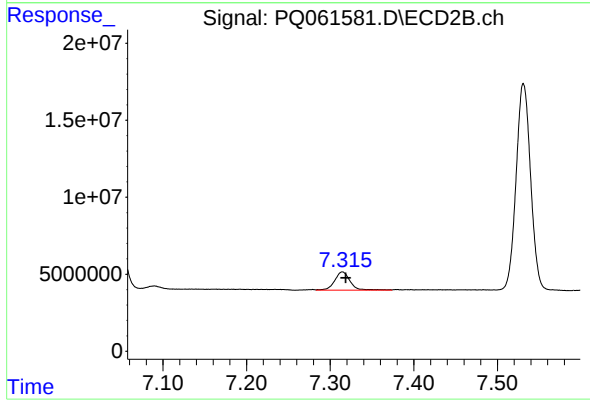
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 41110616
Conc: 244.88 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: -0.004 min
Response: 15153409
Conc: 12.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 15387163
Conc: 12.41 ng/ml