

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041023\
 Data File : PQ060882.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 12:03
 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: Apr 10 22:47:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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	2.762	353.9E6	166.5E6	45.086	42.351
2)	SA Decachlor...	8.584	7.540	269.6E6	196.0E6	47.772	41.583
Target Compounds							
3)	L1 AR-1016-1	4.505	3.766	124.7E6	63947982	448.009	446.713
4)	L1 AR-1016-2	4.524	3.782	189.1E6	93019353	454.979	441.892
5)	L1 AR-1016-3	4.582	3.942	120.9E6	49219028	463.656	443.867
6)	L1 AR-1016-4	4.674	3.991	100.5E6	40596919	464.582	430.977
7)	L1 AR-1016-5	4.961	4.186	98700094	51690582	443.486	438.510
8)	L2 AR-1221-1	3.602	2.964	15997112	6596842	160.415	135.507
9)	L2 AR-1221-2	3.684	3.041	24090921	10322718	319.948	277.885
10)	L2 AR-1221-3	3.754	3.109	77666954	35755660	349.130	314.741
11)	L3 AR-1232-1	3.754	3.109	77666954	35755660	454.412	413.093
12)	L3 AR-1232-2	4.247	3.782	96865557	93019353	977.156	978.900
13)	L3 AR-1232-3	4.524	3.942	189.1E6	49219028	1008.175	986.396
14)	L3 AR-1232-4	4.674	4.028	100.5E6	45204648	1017.409	1061.529
15)	L3 AR-1232-5	4.771	4.186	75816334	51690582	1116.261	1005.138
16)	L4 AR-1242-1	4.505	3.766	124.7E6	63947982	588.539	574.094
17)	L4 AR-1242-2	4.524	3.782	189.1E6	93019353	600.297	574.778
18)	L4 AR-1242-3	4.582	3.942	120.9E6	49219028	600.017	581.937
19)	L4 AR-1242-4	4.674	4.028	100.5E6	45204648	587.296	545.935
20)	L4 AR-1242-5	5.391	4.523	19584532	52118836	115.661	456.918 #
21)	L5 AR-1248-1	4.505	3.766	124.7E6	63947982	738.380	724.992
22)	L5 AR-1248-2	4.771	3.991	75816334	40596919	331.236	311.403
23)	L5 AR-1248-3	4.961	4.028	98700094	45204648	352.233	360.070
24)	L5 AR-1248-4	5.354	4.186	33095701	51690582	106.310	331.789 #
25)	L5 AR-1248-5	5.391	4.560	19584532	16547720	65.322	107.877 #
26)	L6 AR-1254-1	5.327	4.523	95240802	52118836	299.221	224.548
27)	L6 AR-1254-2	5.545	4.670	81566920	38157355	165.601	181.780
28)	L6 AR-1254-3	5.898	5.052	38878520	15940544	76.905	48.287 #
29)	L6 AR-1254-4	6.180	5.278	21094451	6178934	56.334	29.519 #
30)	L6 AR-1254-5	6.593	5.683	252.2E6	144.2E6	596.499	441.037 #
31)	L7 AR-1260-1	6.063	5.181	183.4E6	101.8E6	476.991	439.300
32)	L7 AR-1260-2	6.323	5.371	218.4E6	135.2E6	476.863	471.656
33)	L7 AR-1260-3	6.676	5.512	162.3E6	117.3E6	560.734	430.359
34)	L7 AR-1260-4	6.893	5.975	182.2E6	100.1E6	528.992	495.188
35)	L7 AR-1260-5	7.204	6.221	354.7E6	229.0E6	542.775	494.969
36)	L8 AR-1262-1	6.676	5.727	162.3E6	100.3E6	341.090	315.913
37)	L8 AR-1262-2	7.204	6.221	354.7E6	229.0E6	453.788	392.892
38)	L8 AR-1262-3	7.482	6.500	224.5E6	54807150	426.549	230.474 #
39)	L8 AR-1262-4	7.554	6.558	140.9E6	175.4E6	341.839	396.721
40)	L8 AR-1262-5	8.058	7.054	93766717	63905580	346.632	302.107
41)	L9 AR-1268-1	7.482	6.500	224.5E6	54807150	258.030	81.521 #

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 Acq On : 10 Apr 2023 12:03
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

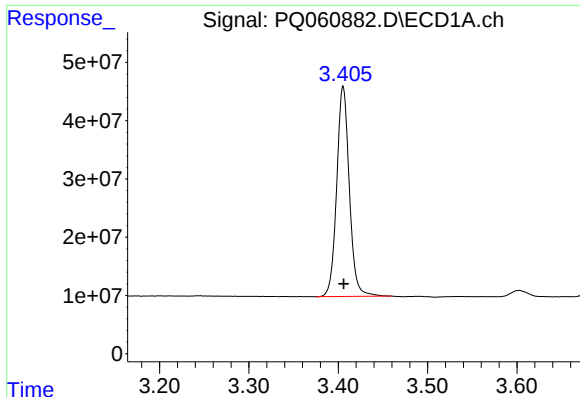
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:47:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.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	7.554	6.558	140.9E6	175.4E6	177.744	283.801 #
43) L9	AR-1268-3	7.736	6.763	4857748	4798409	7.320	8.857
44) L9	AR-1268-4	8.058	7.054	93766717	63905580	317.968	274.060
45) L9	AR-1268-5	8.350	7.323	26099902	20753632	13.826	11.874

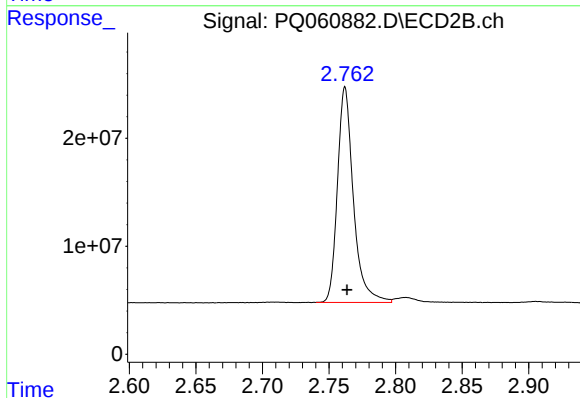
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

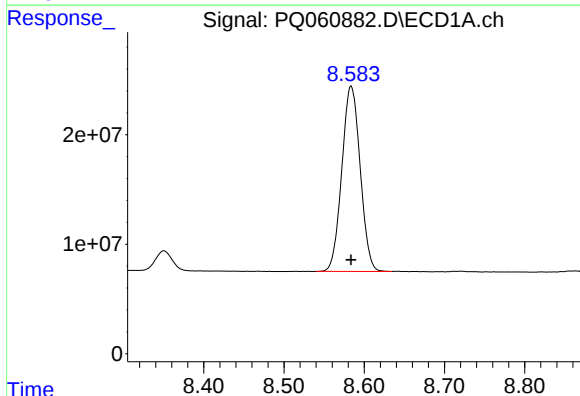
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 353933916
Conc: 45.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



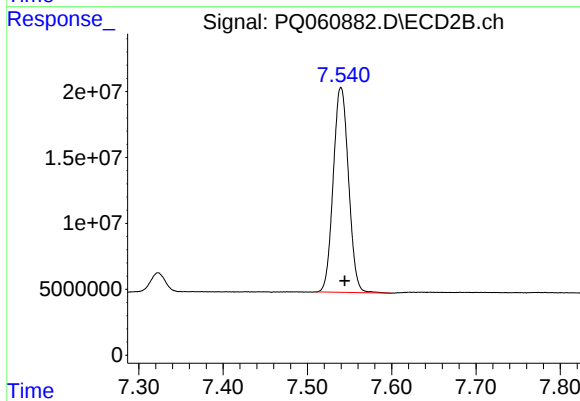
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: -0.002 min
Response: 166462876
Conc: 42.35 ng/ml



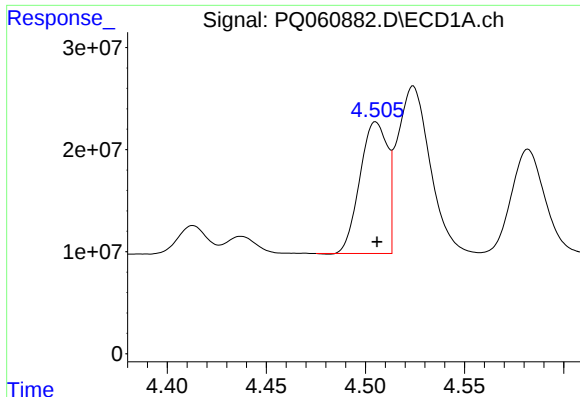
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 269582666
Conc: 47.77 ng/ml



#2 Decachlorobiphenyl

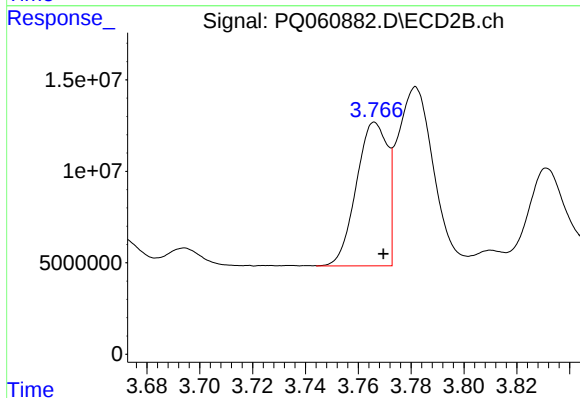
R.T.: 7.540 min
Delta R.T.: -0.004 min
Response: 195977939
Conc: 41.58 ng/ml



#3 AR-1016-1

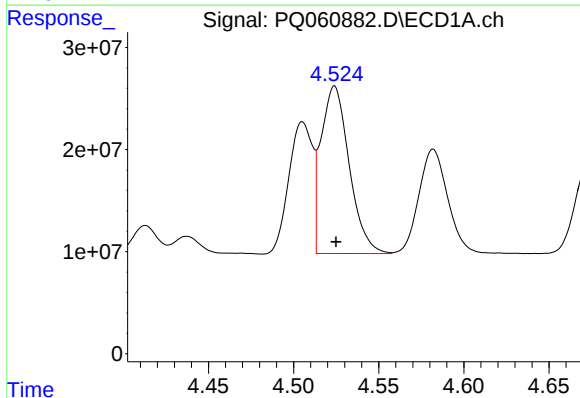
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 124657114
Conc: 448.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



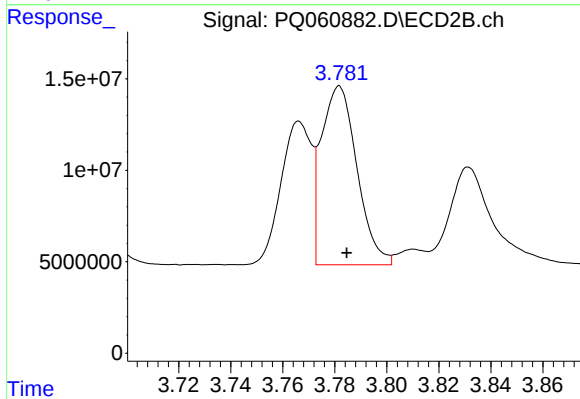
#3 AR-1016-1

R.T.: 3.766 min
Delta R.T.: -0.003 min
Response: 63947982
Conc: 446.71 ng/ml



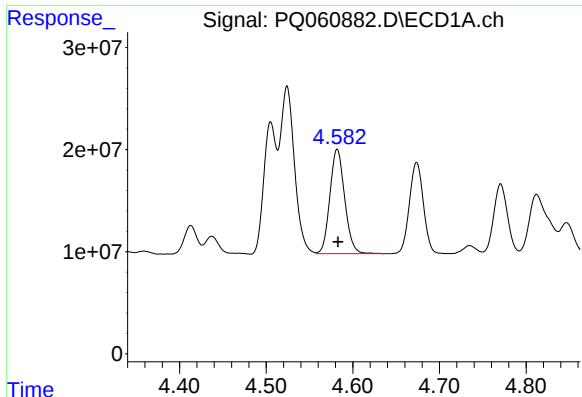
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 189088237
Conc: 454.98 ng/ml



#4 AR-1016-2

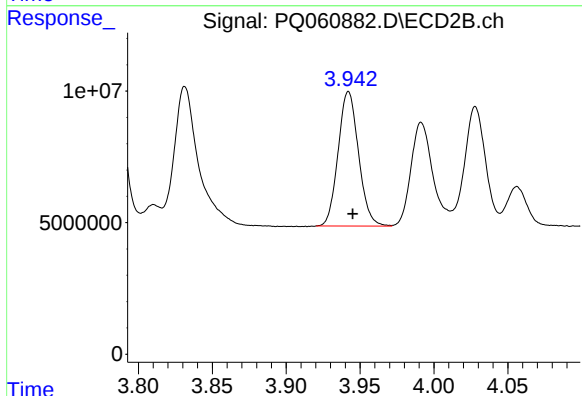
R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 93019353
Conc: 441.89 ng/ml



#5 AR-1016-3

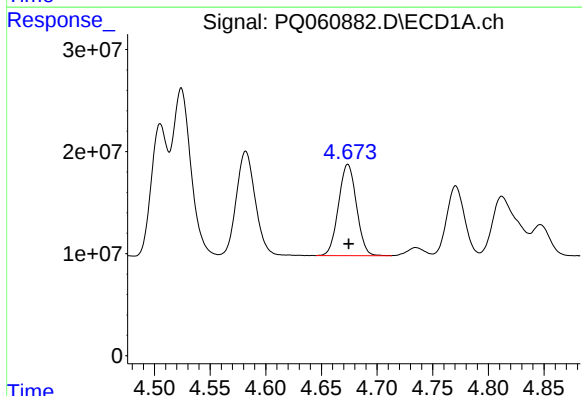
R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 120947188
Conc: 463.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



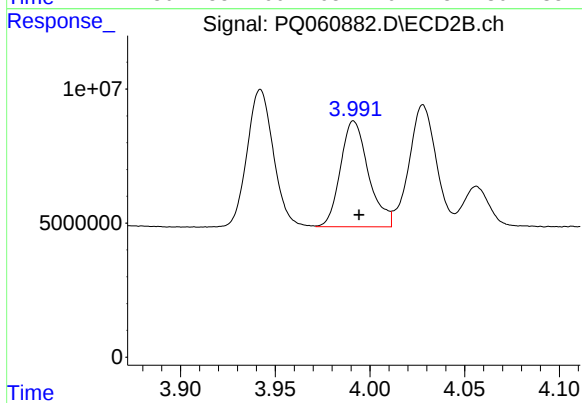
#5 AR-1016-3

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 49219028
Conc: 443.87 ng/ml



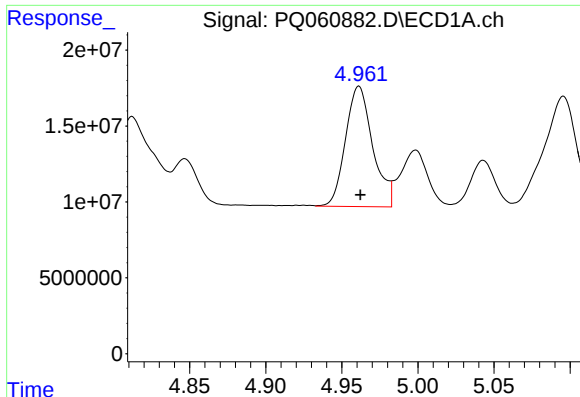
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 100476644
Conc: 464.58 ng/ml



#6 AR-1016-4

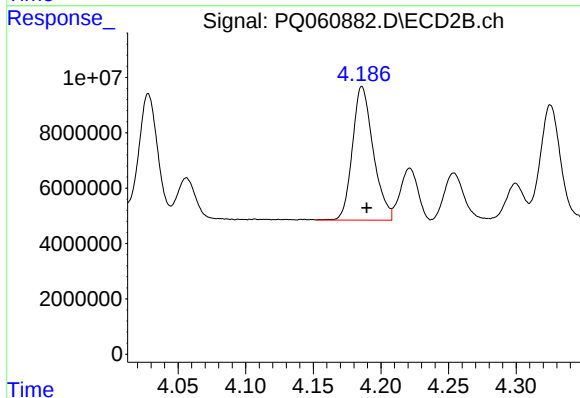
R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 40596919
Conc: 430.98 ng/ml



#7 AR-1016-5

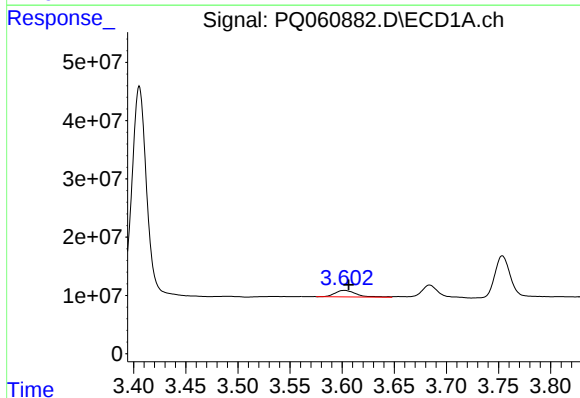
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 98700094
Conc: 443.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



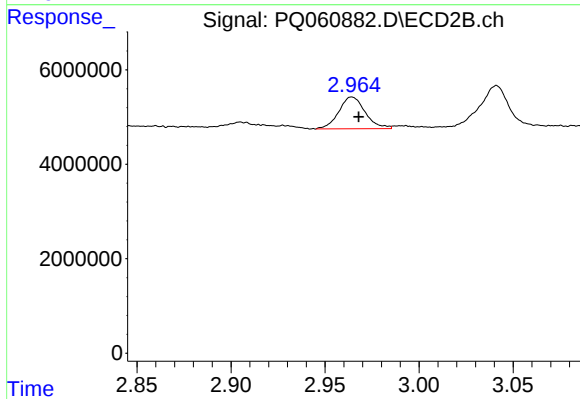
#7 AR-1016-5

R.T.: 4.186 min
Delta R.T.: -0.003 min
Response: 51690582
Conc: 438.51 ng/ml



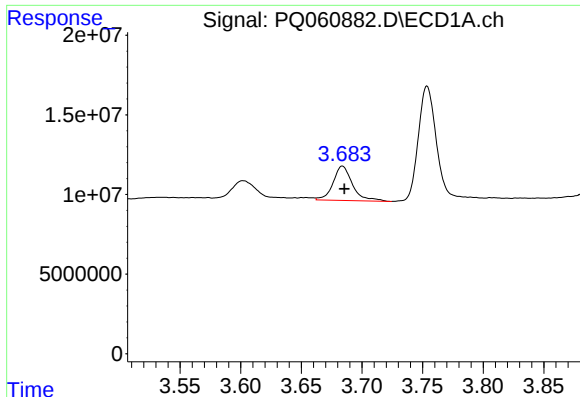
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.004 min
Response: 15997112
Conc: 160.41 ng/ml



#8 AR-1221-1

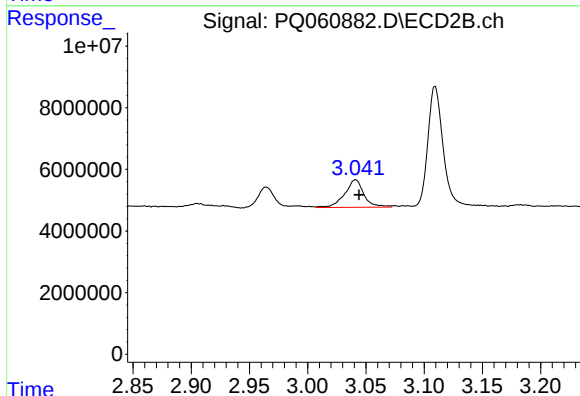
R.T.: 2.964 min
Delta R.T.: -0.004 min
Response: 6596842
Conc: 135.51 ng/ml



#9 AR-1221-2

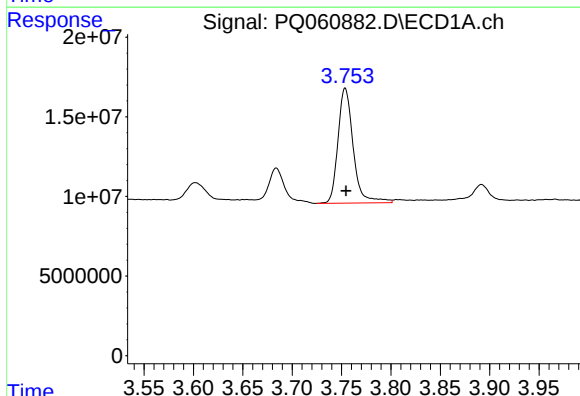
R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 24090921
Conc: 319.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



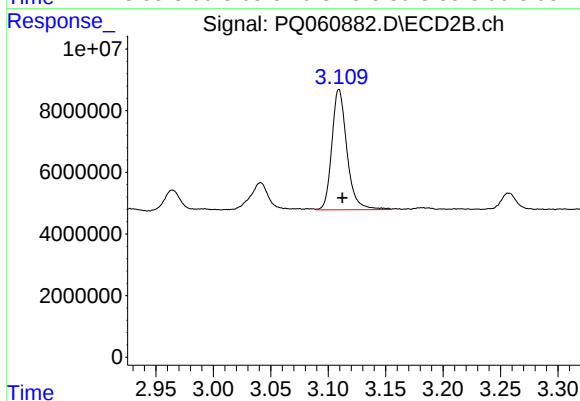
#9 AR-1221-2

R.T.: 3.041 min
Delta R.T.: -0.003 min
Response: 10322718
Conc: 277.89 ng/ml



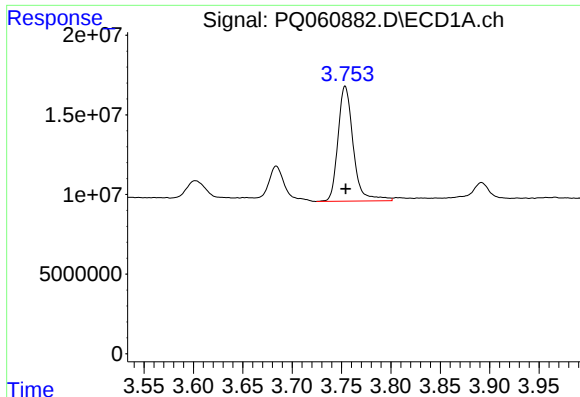
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: -0.001 min
Response: 77666954
Conc: 349.13 ng/ml



#10 AR-1221-3

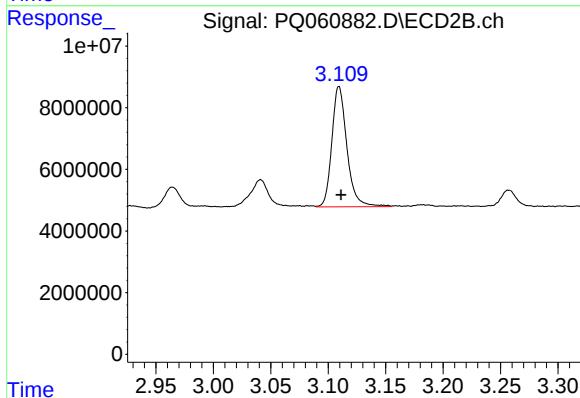
R.T.: 3.109 min
Delta R.T.: -0.003 min
Response: 35755660
Conc: 314.74 ng/ml



#11 AR-1232-1

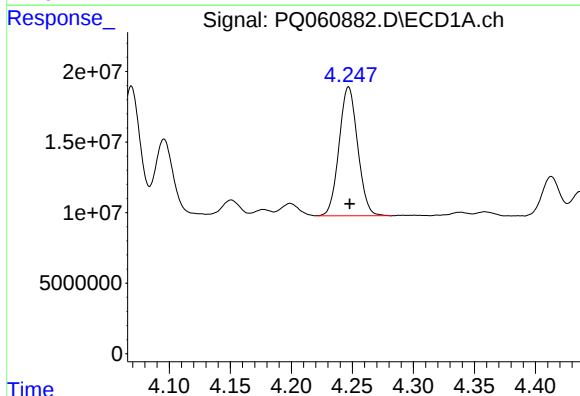
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 77666954
Conc: 454.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



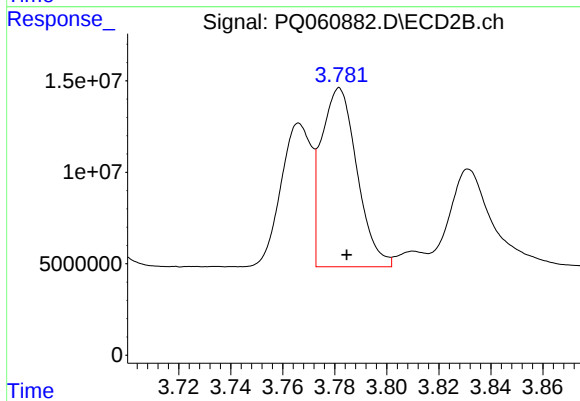
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: -0.002 min
Response: 35755660
Conc: 413.09 ng/ml



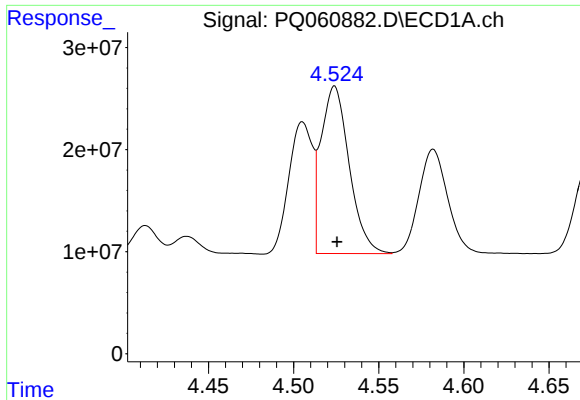
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 96865557
Conc: 977.16 ng/ml



#12 AR-1232-2

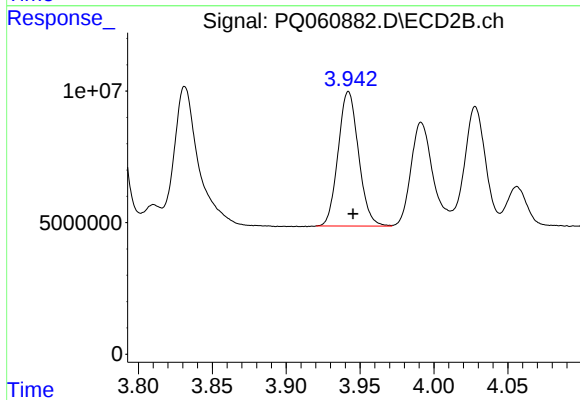
R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 93019353
Conc: 978.90 ng/ml



#13 AR-1232-3

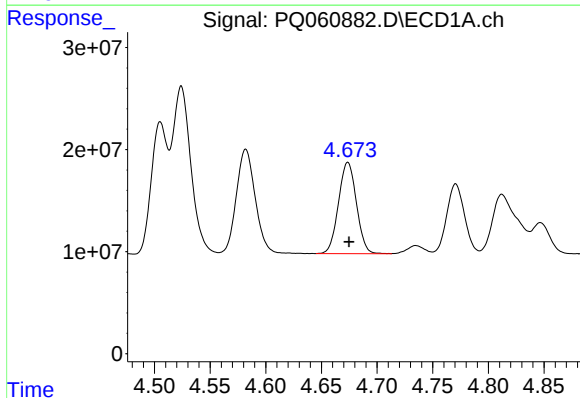
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 189088237
Conc: 1008.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



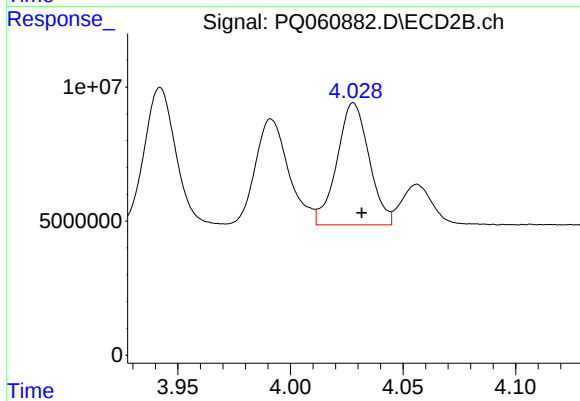
#13 AR-1232-3

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 49219028
Conc: 986.40 ng/ml



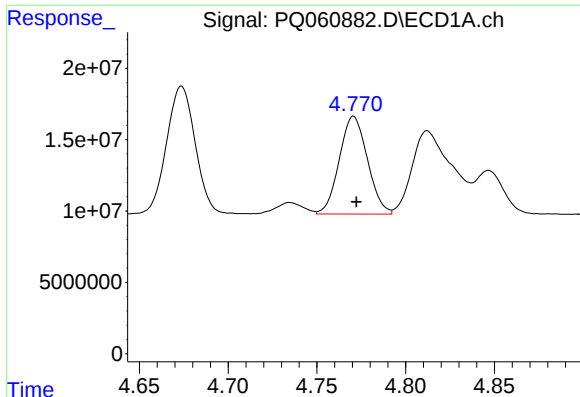
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: -0.001 min
Response: 100476644
Conc: 1017.41 ng/ml



#14 AR-1232-4

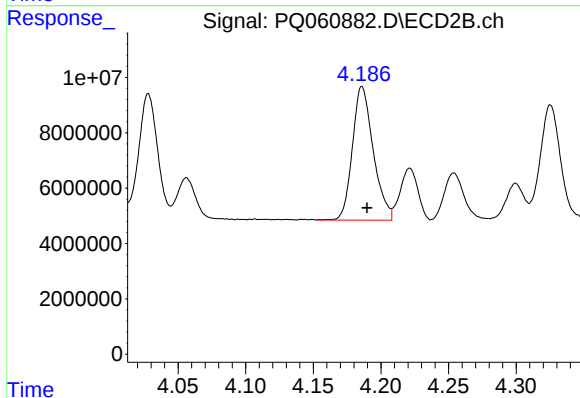
R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 45204648
Conc: 1061.53 ng/ml



#15 AR-1232-5

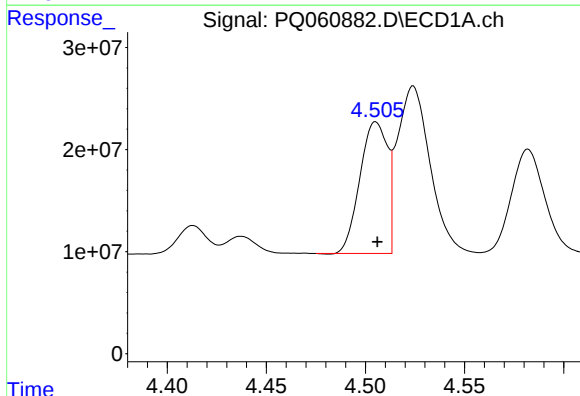
R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 75816334
Conc: 1116.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



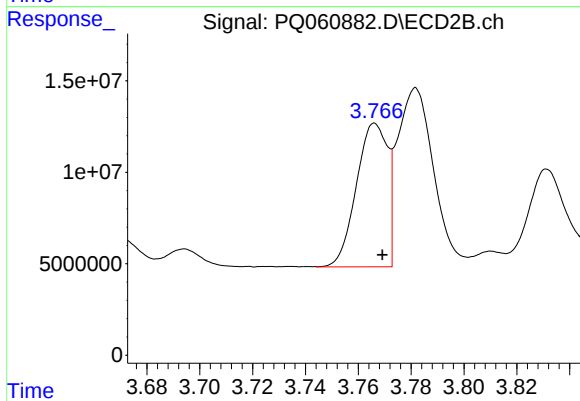
#15 AR-1232-5

R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 51690582
Conc: 1005.14 ng/ml



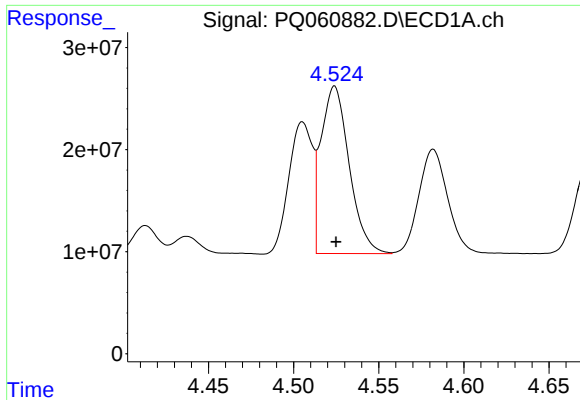
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 124657114
Conc: 588.54 ng/ml



#16 AR-1242-1

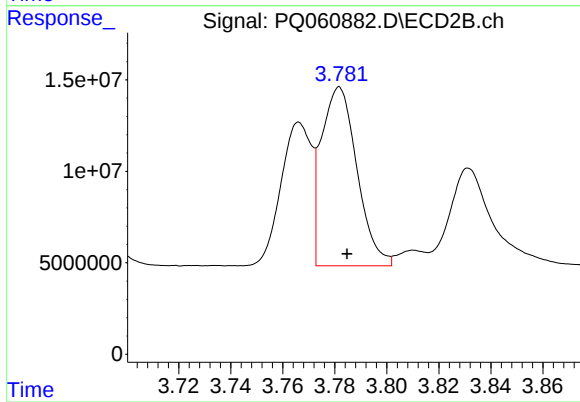
R.T.: 3.766 min
Delta R.T.: -0.003 min
Response: 63947982
Conc: 574.09 ng/ml



#17 AR-1242-2

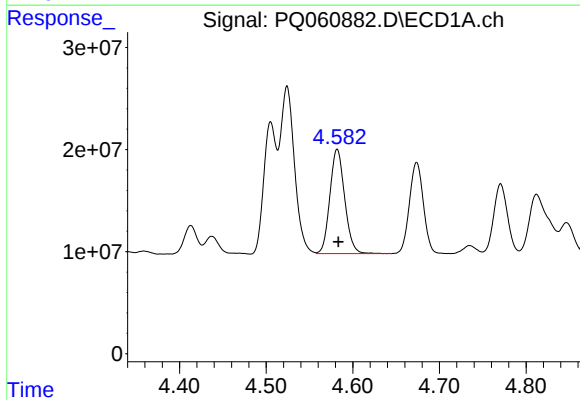
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 189088237
Conc: 600.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



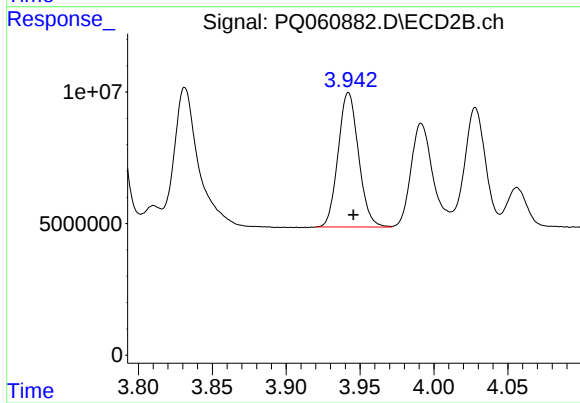
#17 AR-1242-2

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 93019353
Conc: 574.78 ng/ml



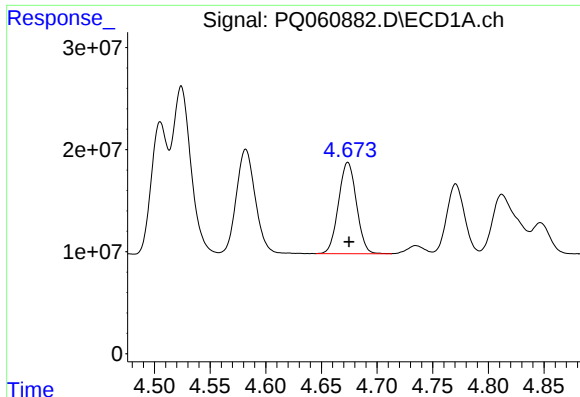
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 120947188
Conc: 600.02 ng/ml



#18 AR-1242-3

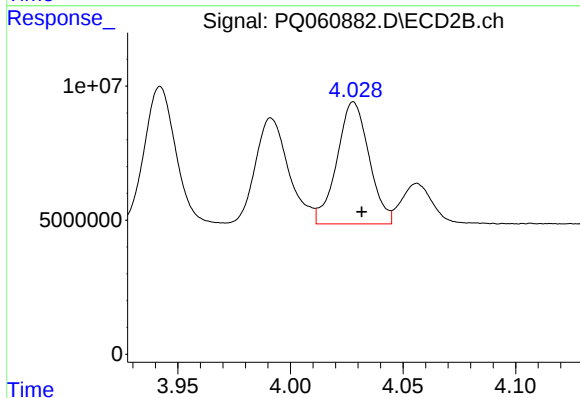
R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 49219028
Conc: 581.94 ng/ml



#19 AR-1242-4

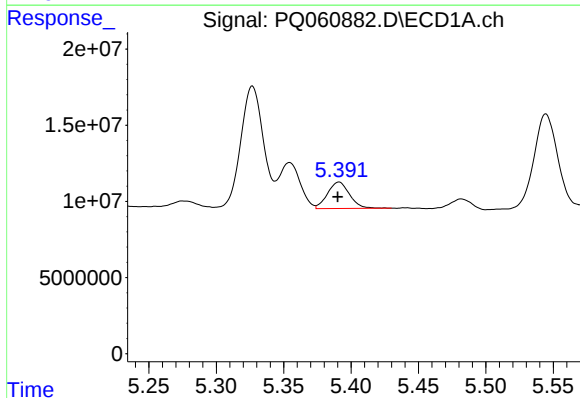
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 100476644
Conc: 587.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



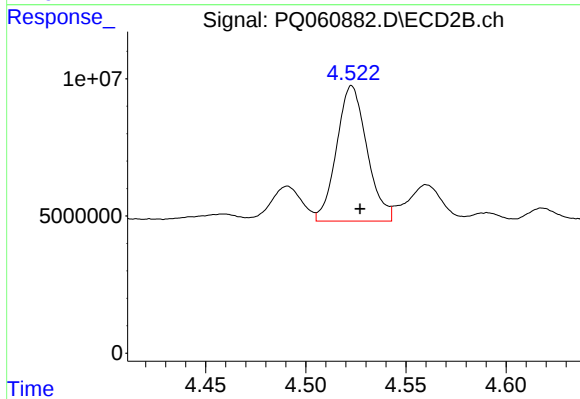
#19 AR-1242-4

R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 45204648
Conc: 545.94 ng/ml



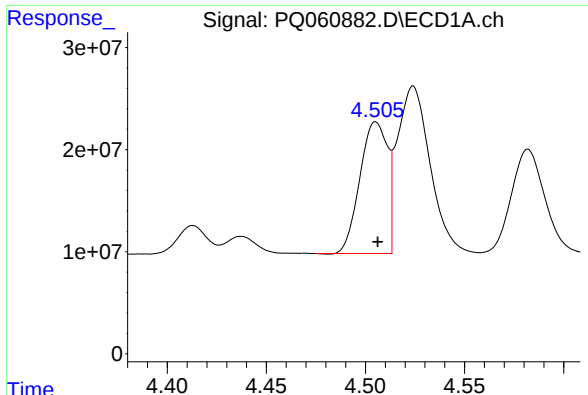
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.001 min
Response: 19584532
Conc: 115.66 ng/ml



#20 AR-1242-5

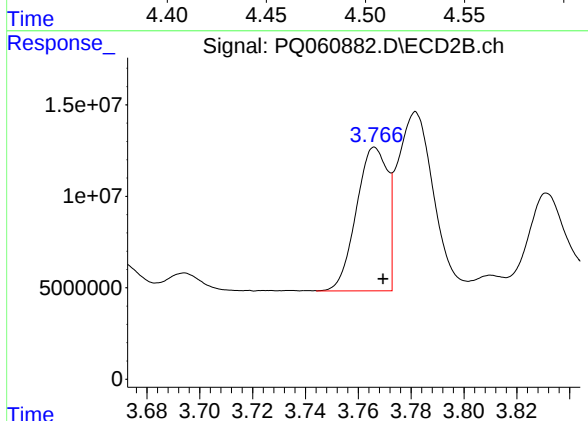
R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 52118836
Conc: 456.92 ng/ml



#21 AR-1248-1

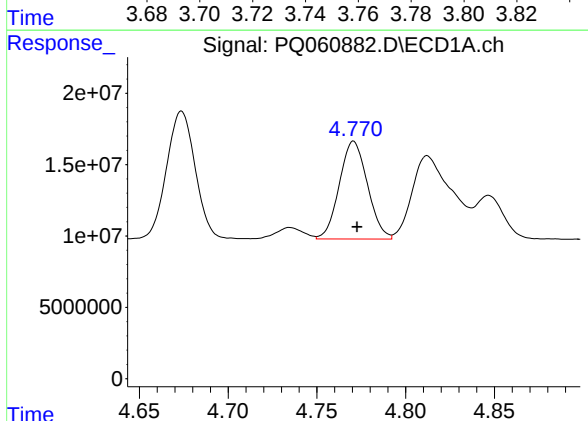
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 124657114
Conc: 738.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



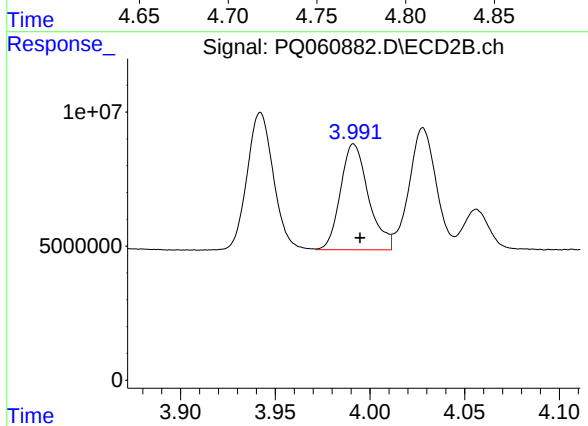
#21 AR-1248-1

R.T.: 3.766 min
Delta R.T.: -0.003 min
Response: 63947982
Conc: 724.99 ng/ml



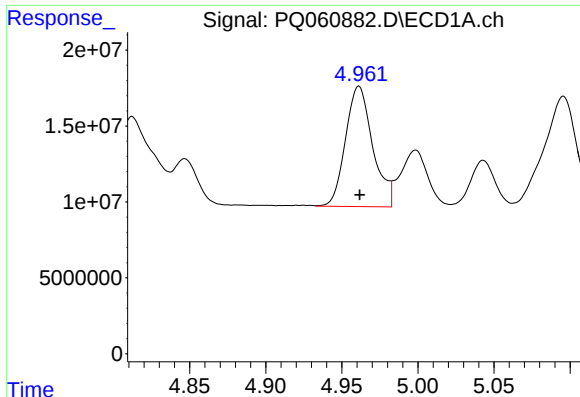
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 75816334
Conc: 331.24 ng/ml



#22 AR-1248-2

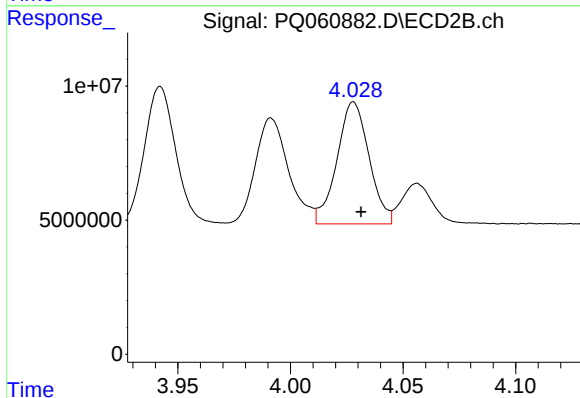
R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 40596919
Conc: 311.40 ng/ml



#23 AR-1248-3

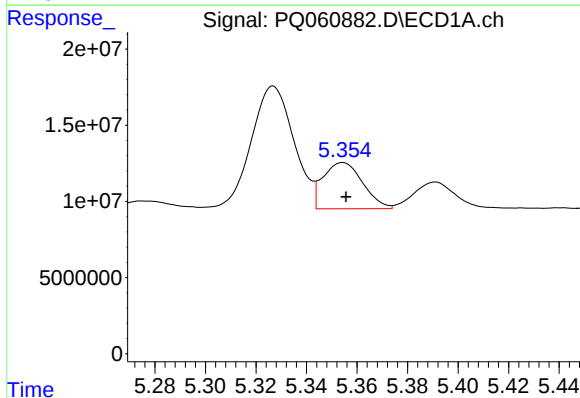
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 98700094
Conc: 352.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



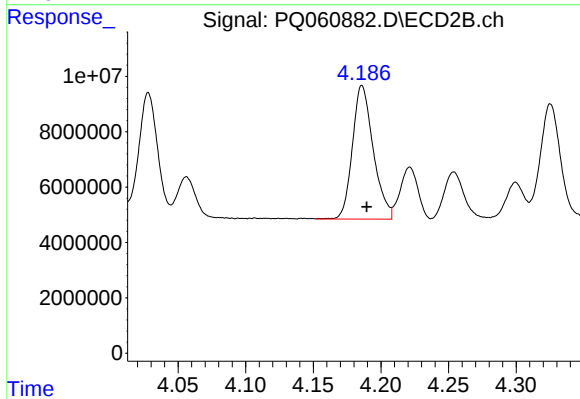
#23 AR-1248-3

R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 45204648
Conc: 360.07 ng/ml



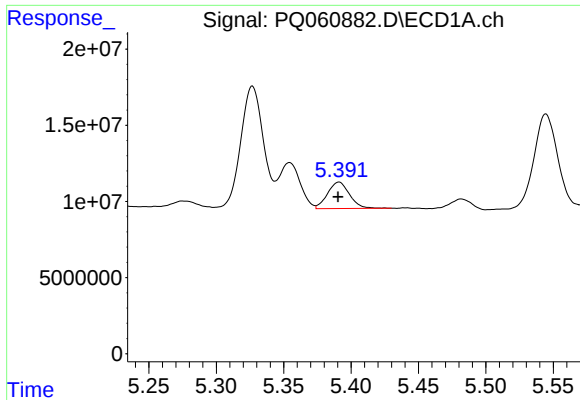
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.001 min
Response: 33095701
Conc: 106.31 ng/ml



#24 AR-1248-4

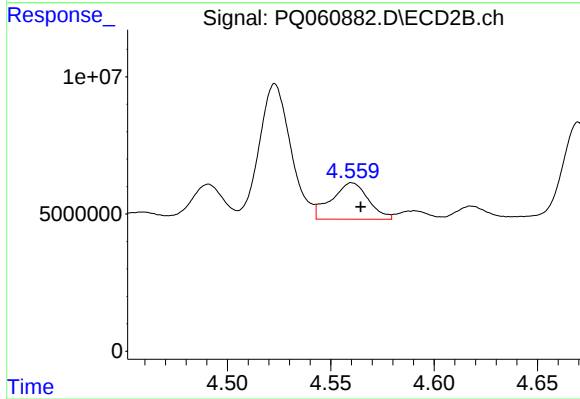
R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 51690582
Conc: 331.79 ng/ml



#25 AR-1248-5

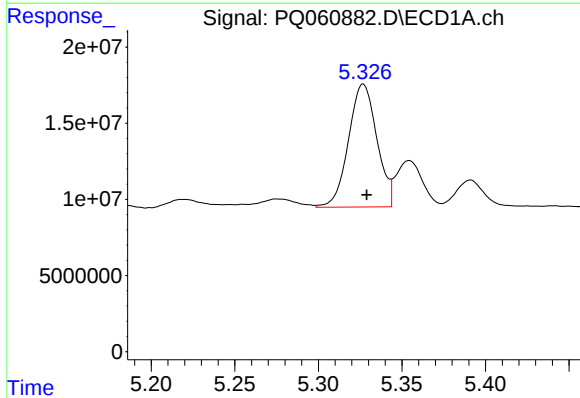
R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 19584532
Conc: 65.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



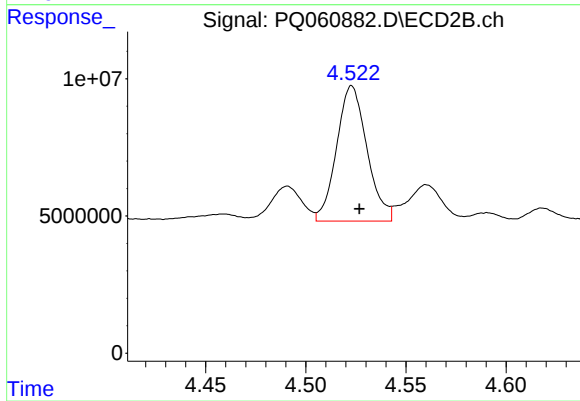
#25 AR-1248-5

R.T.: 4.560 min
Delta R.T.: -0.004 min
Response: 16547720
Conc: 107.88 ng/ml



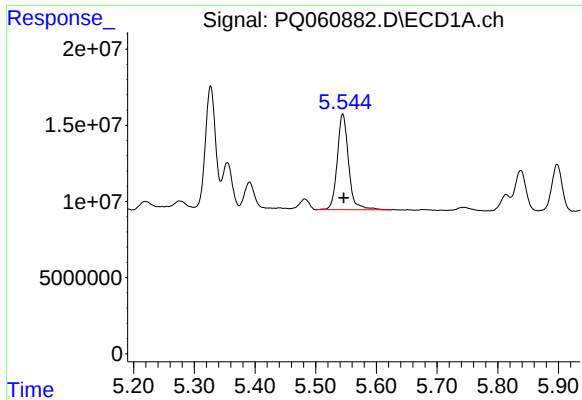
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 95240802
Conc: 299.22 ng/ml



#26 AR-1254-1

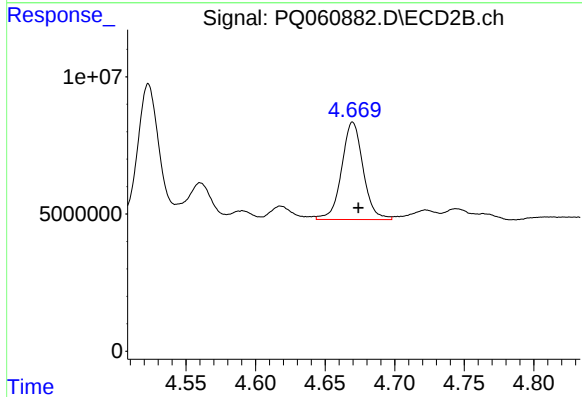
R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 52118836
Conc: 224.55 ng/ml



#27 AR-1254-2

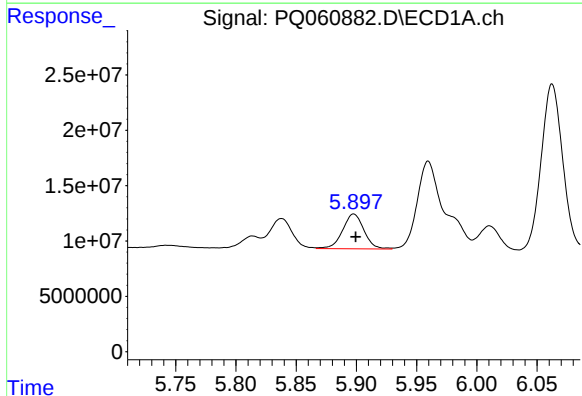
R.T.: 5.545 min
Delta R.T.: -0.001 min
Response: 81566920
Conc: 165.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



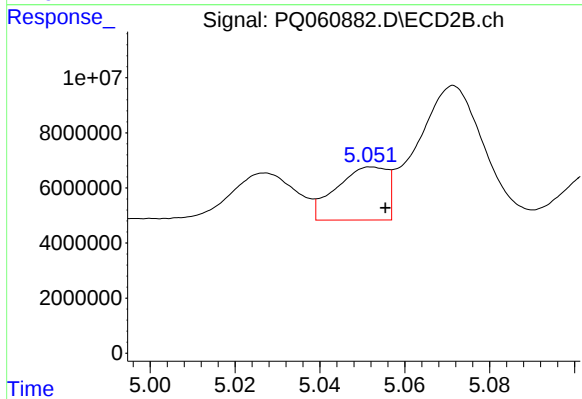
#27 AR-1254-2

R.T.: 4.670 min
Delta R.T.: -0.004 min
Response: 38157355
Conc: 181.78 ng/ml



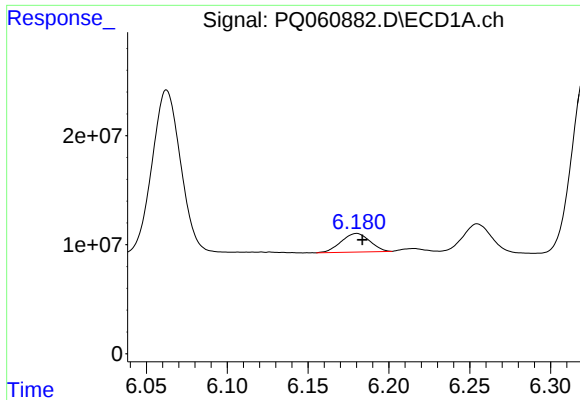
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 38878520
Conc: 76.90 ng/ml



#28 AR-1254-3

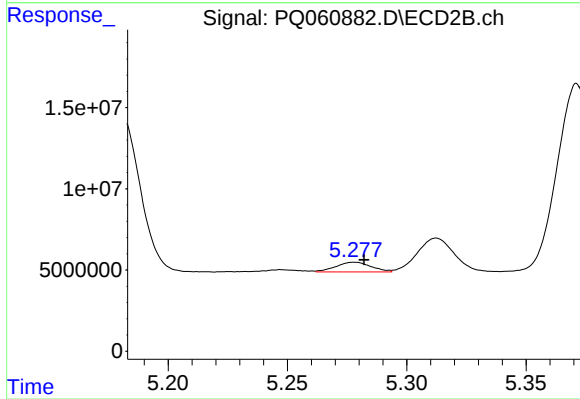
R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 15940544
Conc: 48.29 ng/ml



#29 AR-1254-4

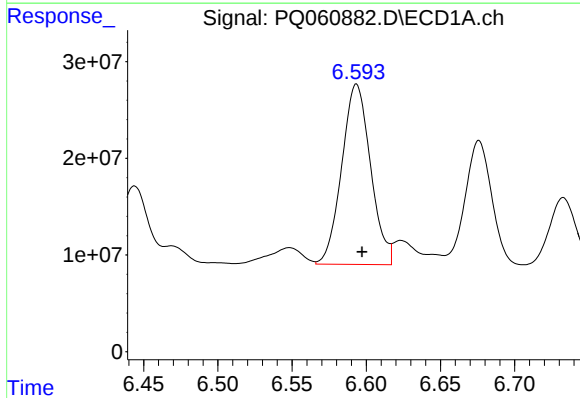
R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 21094451
Conc: 56.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



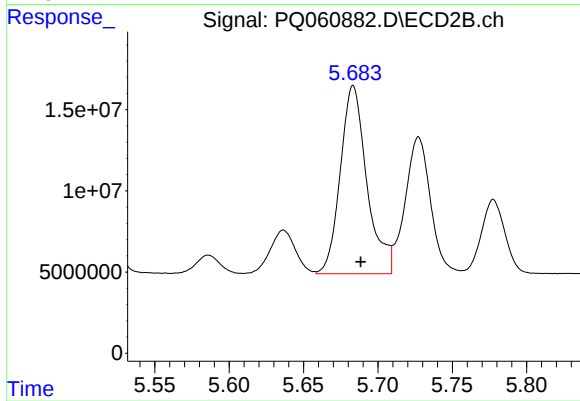
#29 AR-1254-4

R.T.: 5.278 min
Delta R.T.: -0.004 min
Response: 6178934
Conc: 29.52 ng/ml



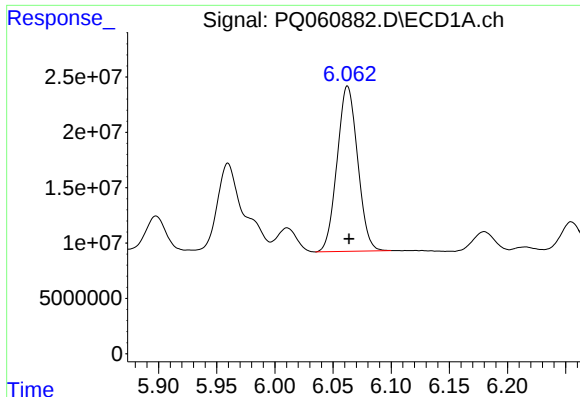
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.004 min
Response: 252237210
Conc: 596.50 ng/ml



#30 AR-1254-5

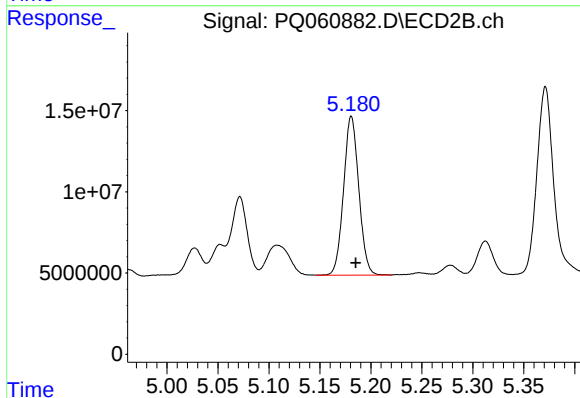
R.T.: 5.683 min
Delta R.T.: -0.005 min
Response: 144244019
Conc: 441.04 ng/ml



#31 AR-1260-1

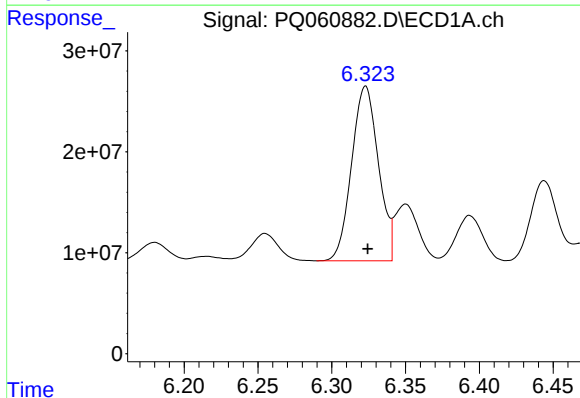
R.T.: 6.063 min
Delta R.T.: -0.001 min
Response: 183387770
Conc: 476.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



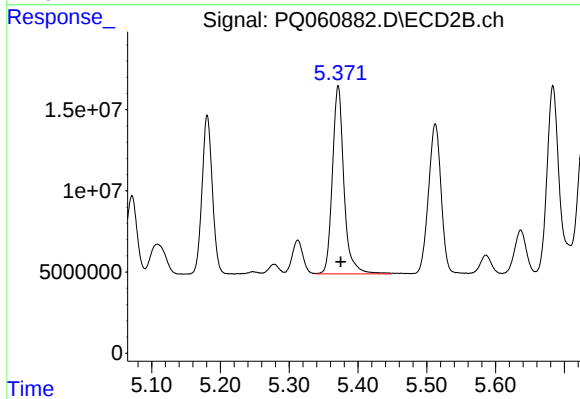
#31 AR-1260-1

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 101769806
Conc: 439.30 ng/ml



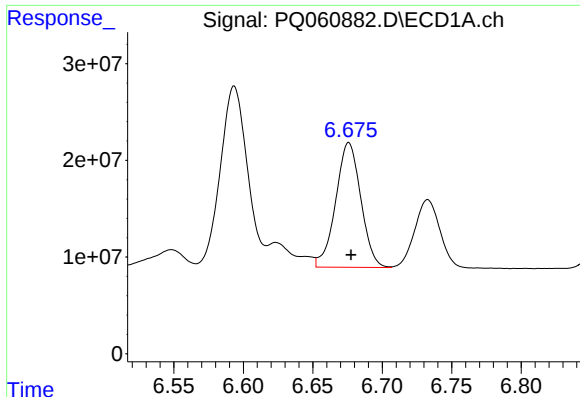
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 218405294
Conc: 476.86 ng/ml



#32 AR-1260-2

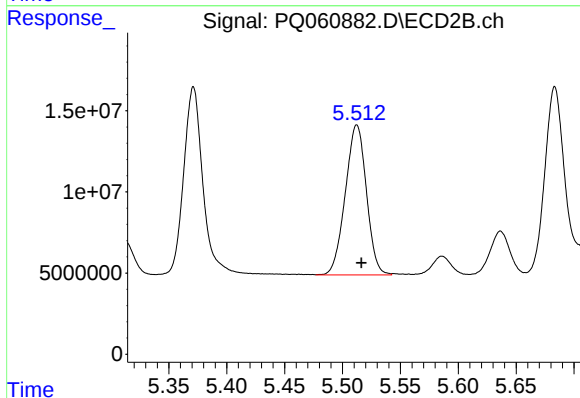
R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 135164877
Conc: 471.66 ng/ml



#33 AR-1260-3

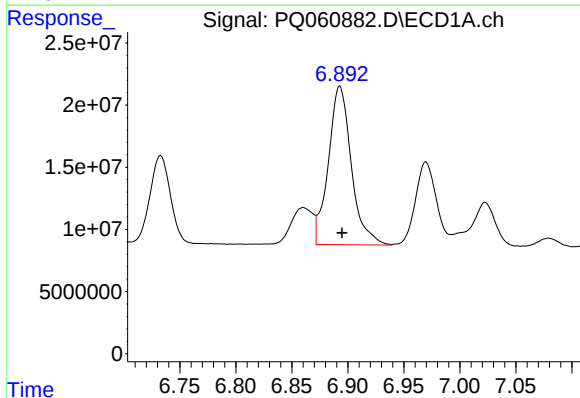
R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 162341620
Conc: 560.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



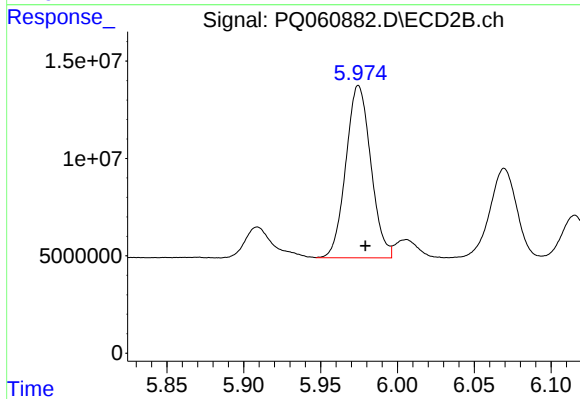
#33 AR-1260-3

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 117306549
Conc: 430.36 ng/ml



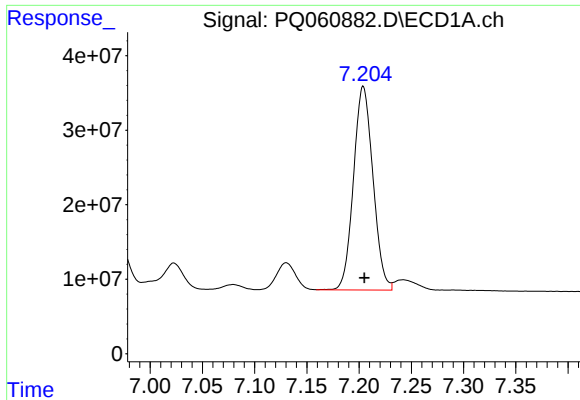
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: -0.002 min
Response: 182155390
Conc: 528.99 ng/ml



#34 AR-1260-4

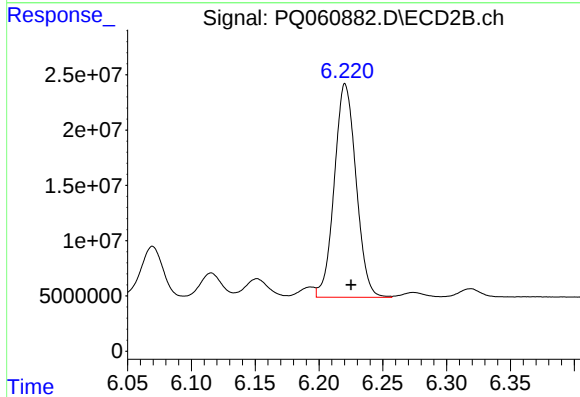
R.T.: 5.975 min
Delta R.T.: -0.004 min
Response: 100136453
Conc: 495.19 ng/ml



#35 AR-1260-5

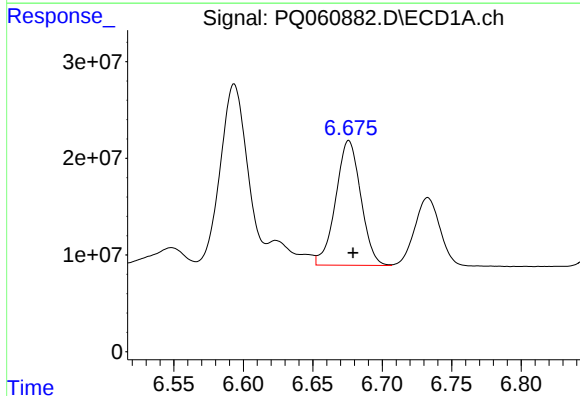
R.T.: 7.204 min
Delta R.T.: -0.001 min
Response: 354739289
Conc: 542.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



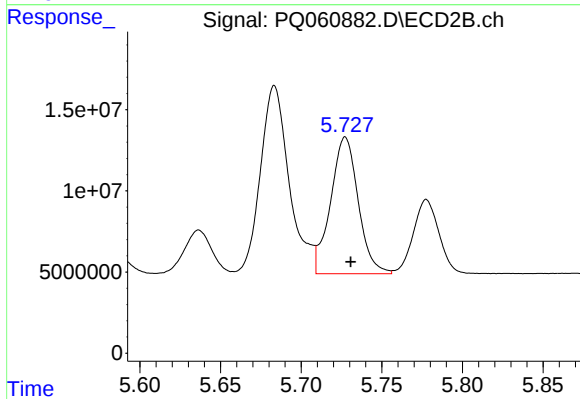
#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.005 min
Response: 229043510
Conc: 494.97 ng/ml



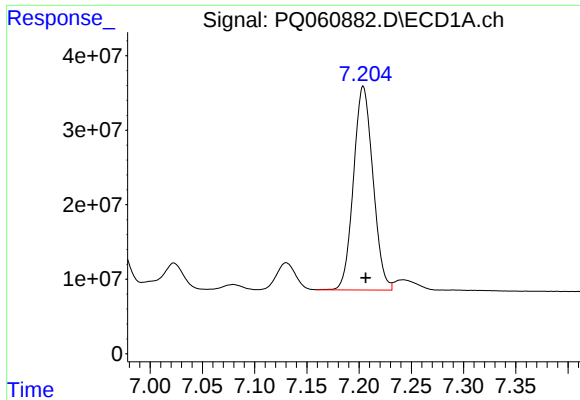
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 162341620
Conc: 341.09 ng/ml



#36 AR-1262-1

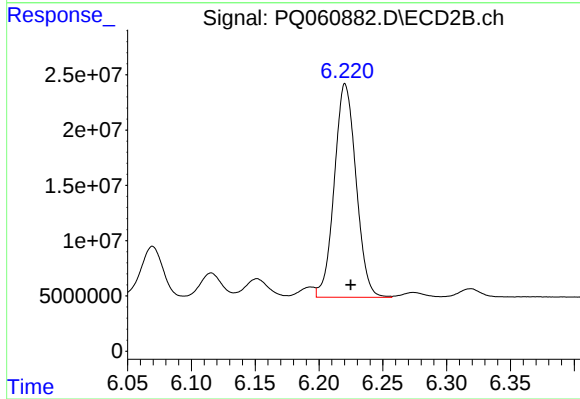
R.T.: 5.727 min
Delta R.T.: -0.003 min
Response: 100347013
Conc: 315.91 ng/ml



#37 AR-1262-2

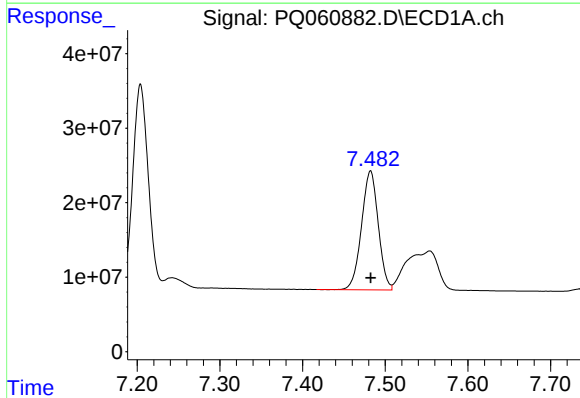
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 354739289
Conc: 453.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



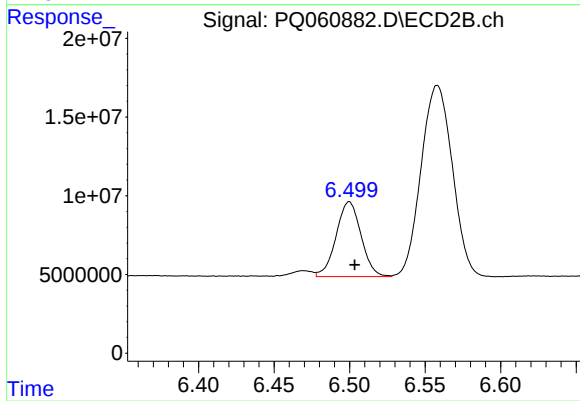
#37 AR-1262-2

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 229043510
Conc: 392.89 ng/ml



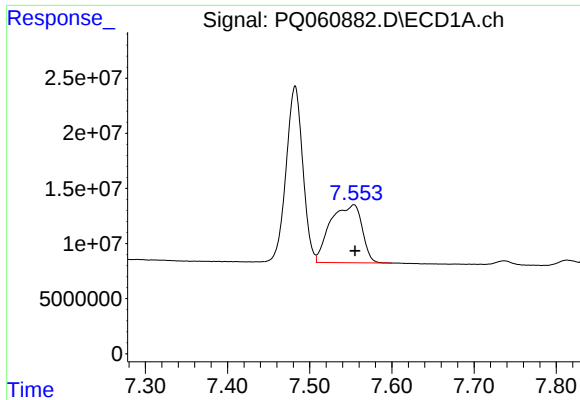
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 224489978
Conc: 426.55 ng/ml



#38 AR-1262-3

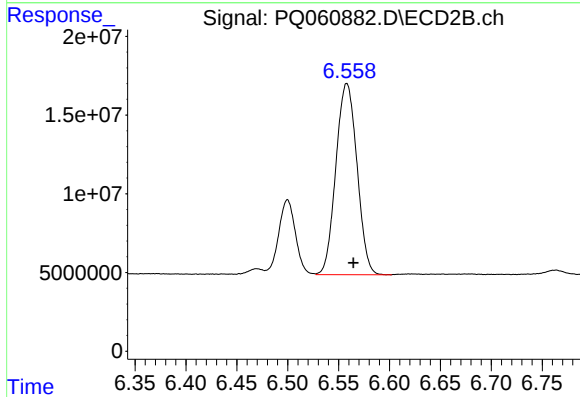
R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 54807150
Conc: 230.47 ng/ml



#39 AR-1262-4

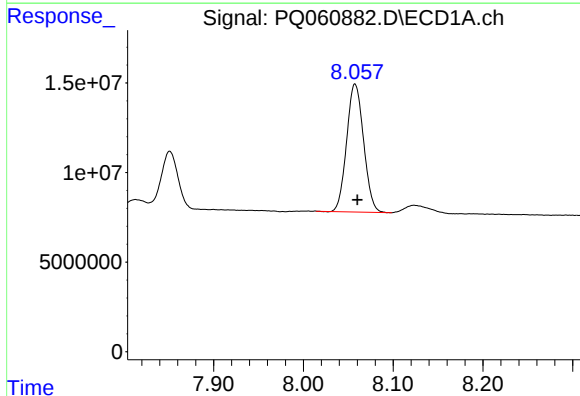
R.T.: 7.554 min
Delta R.T.: -0.001 min
Response: 140859846
Conc: 341.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



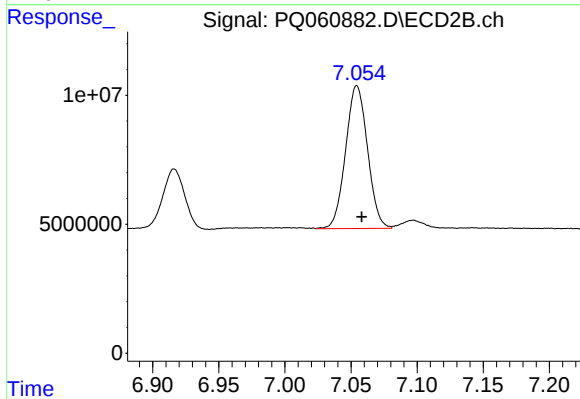
#39 AR-1262-4

R.T.: 6.558 min
Delta R.T.: -0.006 min
Response: 175434109
Conc: 396.72 ng/ml



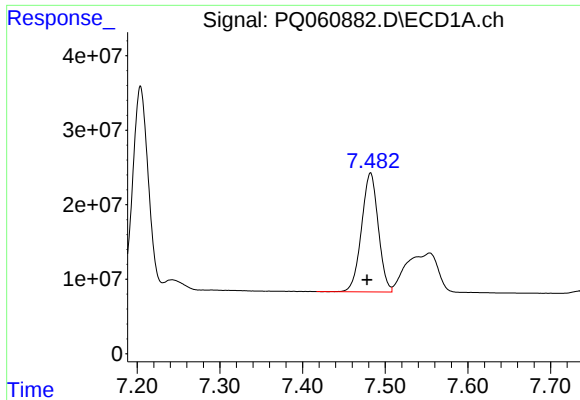
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 93766717
Conc: 346.63 ng/ml



#40 AR-1262-5

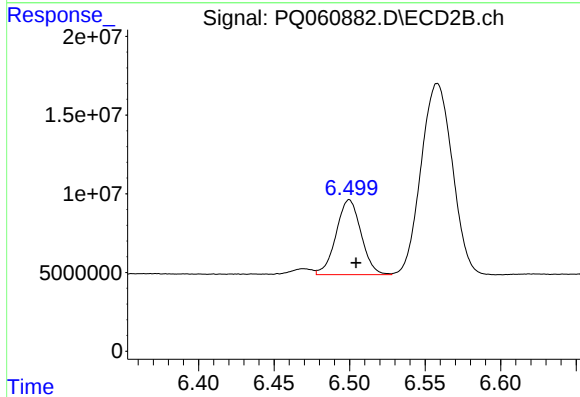
R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 63905580
Conc: 302.11 ng/ml



#41 AR-1268-1

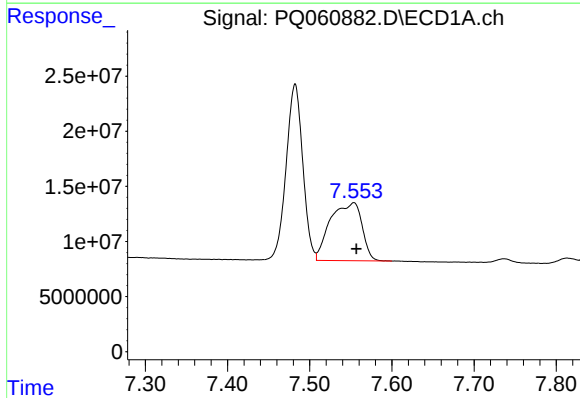
R.T.: 7.482 min
Delta R.T.: 0.004 min
Response: 224489978
Conc: 258.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



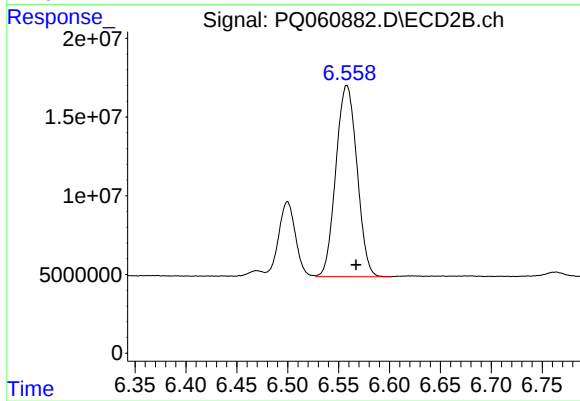
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: -0.005 min
Response: 54807150
Conc: 81.52 ng/ml



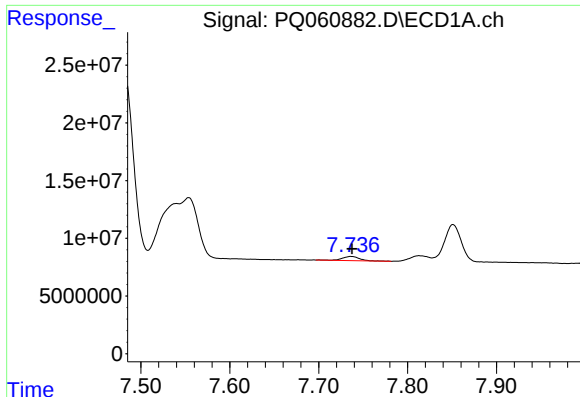
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.003 min
Response: 140859846
Conc: 177.74 ng/ml



#42 AR-1268-2

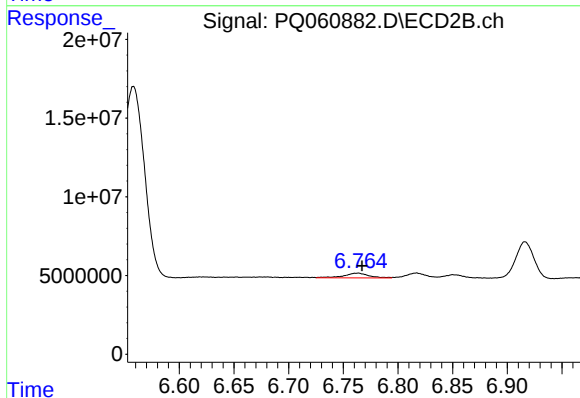
R.T.: 6.558 min
Delta R.T.: -0.009 min
Response: 175434109
Conc: 283.80 ng/ml



#43 AR-1268-3

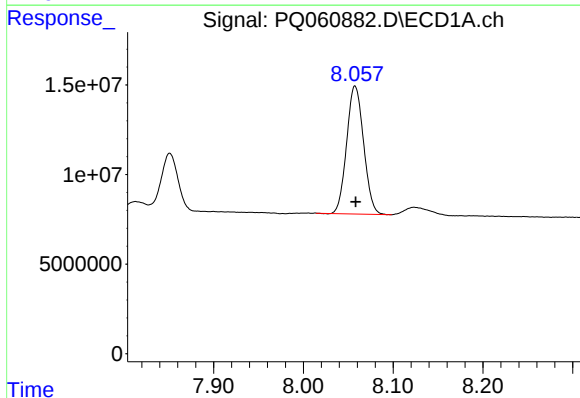
R.T.: 7.736 min
Delta R.T.: -0.001 min
Response: 4857748
Conc: 7.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



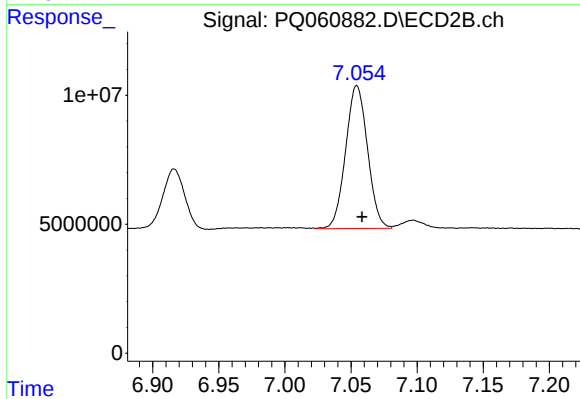
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: -0.004 min
Response: 4798409
Conc: 8.86 ng/ml



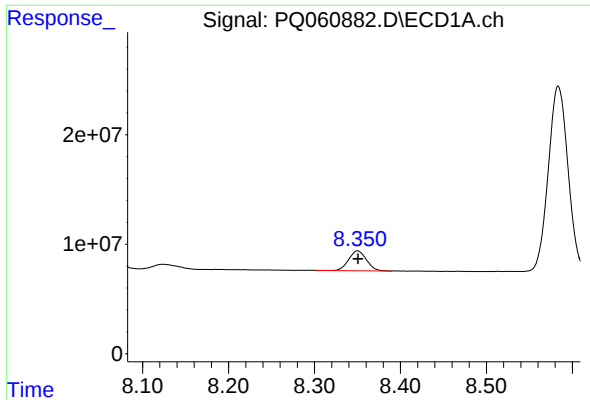
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 93766717
Conc: 317.97 ng/ml



#44 AR-1268-4

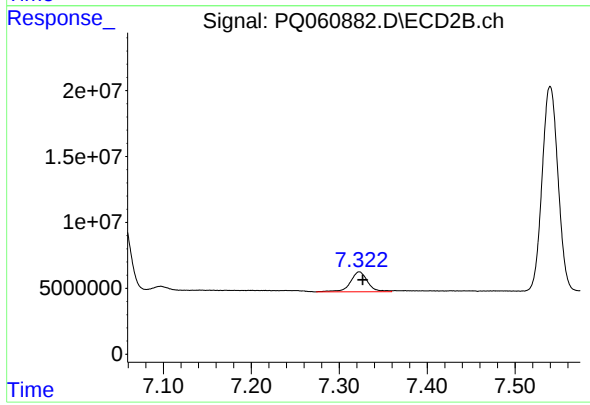
R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 63905580
Conc: 274.06 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 26099902
Conc: 13.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.323 min
Delta R.T.: -0.004 min
Response: 20753632
Conc: 11.87 ng/ml