

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030419\
 Data File : PQ037743.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2019 11:47
 Operator : SM\SJ
 Sample : K1622-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5H7MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:43:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.216	3.651	89687523	44638111	15.767	16.947
2)	SA Decachlor...	9.671	8.536	115.6E6	56496030	22.880	24.351
Target Compounds							
3)	L1 AR-1016-1	5.381	4.726	89619883	49710631	310.076	322.210
4)	L1 AR-1016-2	5.381	4.726	89619883	49710631	200.545	207.089
5)	L1 AR-1016-3	5.440	4.900	52559625	24747319	199.973	203.234
6)	L1 AR-1016-4	5.540	4.938	42908313	19402591	195.169	207.749
7)	L1 AR-1016-5	5.862	5.149	15843113	24346255	73.705	194.371 #
8)	L2 AR-1221-1	4.423	3.856	6305226	2616174	100.625	76.887
9)	L2 AR-1221-2	4.513	3.942	6982390	3609147	158.561	150.478
10)	L2 AR-1221-3	4.588	4.016	30045006	16692924	195.468	197.395
11)	L3 AR-1232-1	4.588	4.016	30045006	16692924	263.271	269.665
12)	L3 AR-1232-2	5.099	4.726	44764979	49710631	765.705	723.456
13)	L3 AR-1232-3	5.381	4.900	89619883	24747319	717.452	710.632
14)	L3 AR-1232-4	5.540	4.978	42908313	23679496	671.458	803.085
15)	L3 AR-1232-5	5.664	5.149	36980767	24346255	810.856	716.407
16)	L4 AR-1242-1	5.381	4.726	89619883	49710631	546.340	553.401
17)	L4 AR-1242-2	5.381	4.726	89619883	49710631	355.567	364.544
18)	L4 AR-1242-3	5.440	4.900	52559625	24747319	347.474	350.870
19)	L4 AR-1242-4	5.540	4.978	42908313	23679496	340.876	345.110
20)	L4 AR-1242-5	6.258	5.491	5131605	19274607	36.978	220.459 #
21)	L5 AR-1248-1	5.381	4.726	89619883	49710631	761.468	745.194
22)	L5 AR-1248-2	5.621	4.938	35741422	19402591	208.333	214.627
23)	L5 AR-1248-3	5.862	4.978	15843113	23679496	81.547	256.568 #
24)	L5 AR-1248-4	6.258	5.149	5131605	24346255	22.569	214.543 #
25)	L5 AR-1248-5	6.258	5.532	5131605	2723029	23.761	24.802
26)	L6 AR-1254-1	6.222	5.491	6392511	19274607	30.183	116.243 #
27)	L6 AR-1254-2	6.400	5.635	33042618	17683832	98.537	124.173 #
28)	L6 AR-1254-3	6.770	6.041	16156525	30763580	46.553	134.833 #
29)	L6 AR-1254-4	7.049	6.260	10323460	3217292	37.302	18.734 #
30)	L6 AR-1254-5	7.494	6.666	12368769	58586372	44.752	302.572 #
31)	L7 AR-1260-1	6.922	6.156	72897797	44608877	164.065	175.949
32)	L7 AR-1260-2	7.176	6.344	93034568	52533168	160.905	170.911
33)	L7 AR-1260-3	7.528	6.493	61943565	49072300	138.656	172.803
34)	L7 AR-1260-4	7.757	6.956	63369021	33543517	144.680	152.407
35)	L7 AR-1260-5	8.108	7.199	7329300	79746299	7.312	151.039 #
36)	L8 AR-1262-1	7.528	6.698	61943565	37873351	155.081	180.968
37)	L8 AR-1262-2	8.064	7.199	139.3E6	79746299	201.131	215.266
38)	L8 AR-1262-3	8.373	7.471	49605457	15029535	165.669	102.829 #
39)	L8 AR-1262-4	8.420	7.540	46235371	55506514	131.585	208.138 #
40)	L8 AR-1262-5	9.031	8.032	32411833	15473930	135.905	132.448
41)	L9 AR-1268-1	8.373	7.471	49605457	15029535	37.002	22.944 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030419\
 Data File : PQ037743.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2019 11:47
 Operator : SM\SJ
 Sample : K1622-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

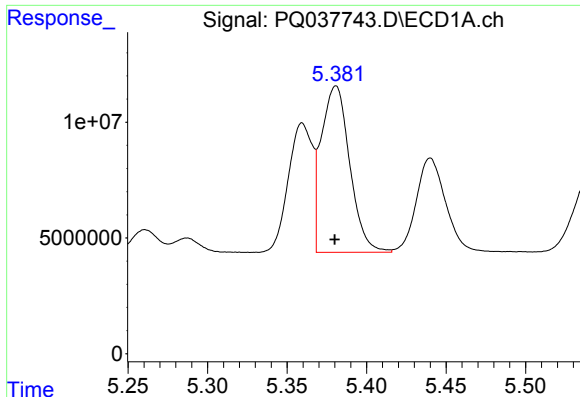
Instrument :
 ECD_Q
 ClientSampleId :
 BF5H7MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:43:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 2019
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 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.420	7.540	46235371	55506514	37.533	92.813 #
43) L9	AR-1268-3	8.625	7.731	3106233	1337639	2.835	2.687
44) L9	AR-1268-4	9.031	8.032	32411833	15473930	81.261	78.948
45) L9	AR-1268-5	9.390	8.306	10904076	5108429	3.354	3.320

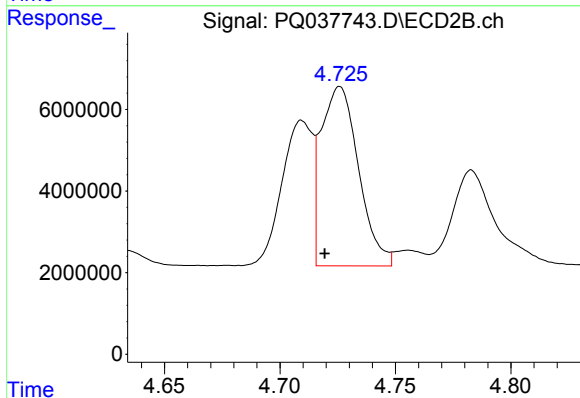
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

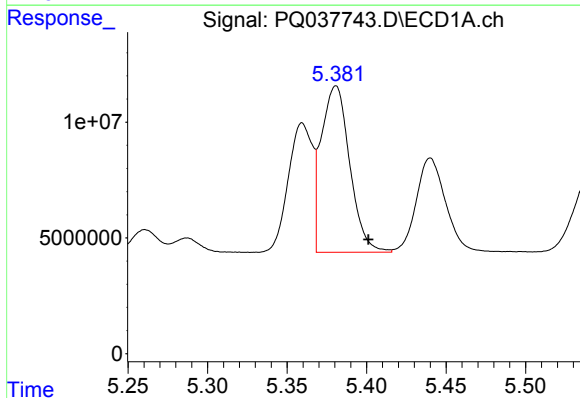
R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 89619883
Conc: 310.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



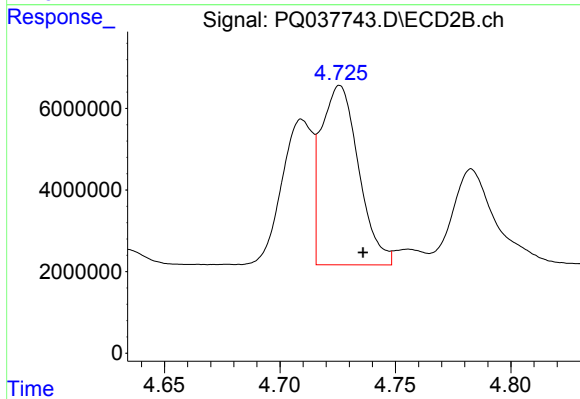
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 49710631
Conc: 322.21 ng/ml



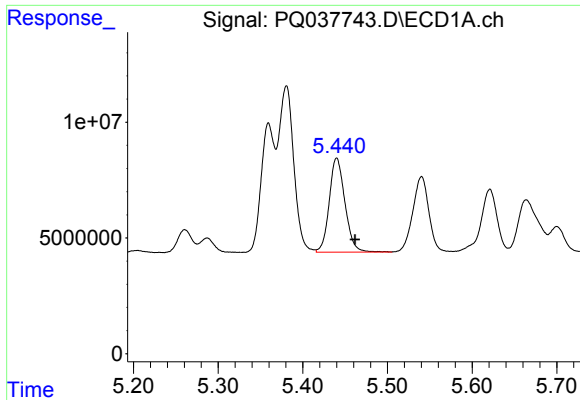
#4 AR-1016-2

R.T.: 5.381 min
Delta R.T.: -0.020 min
Response: 89619883
Conc: 200.55 ng/ml



#4 AR-1016-2

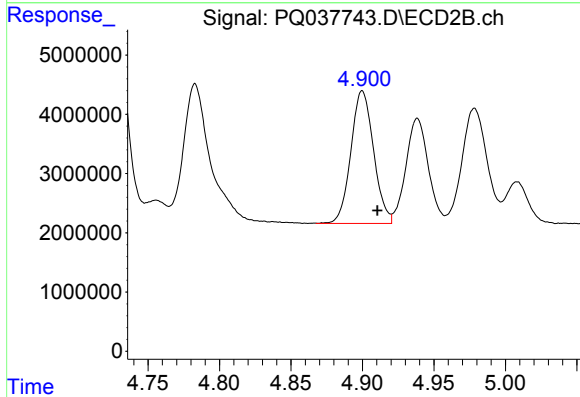
R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 49710631
Conc: 207.09 ng/ml



#5 AR-1016-3

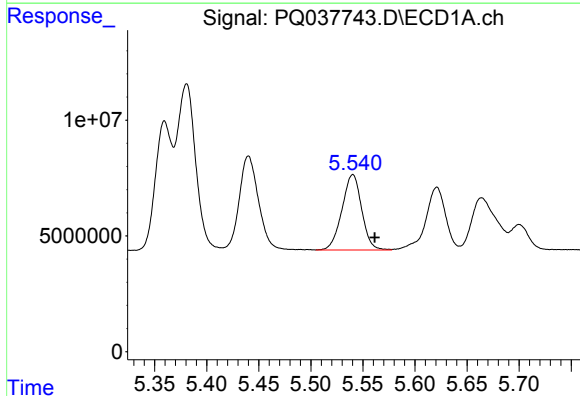
R.T.: 5.440 min
Delta R.T.: -0.022 min
Response: 52559625
Conc: 199.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



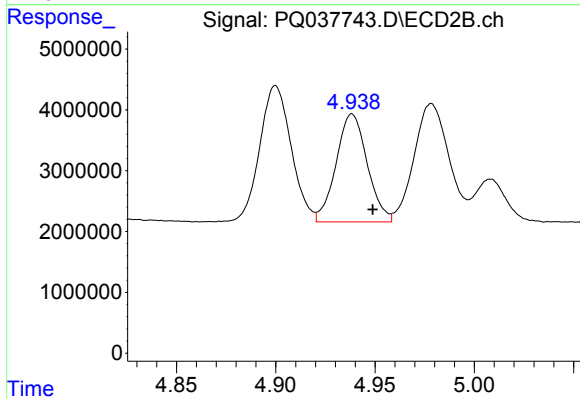
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.011 min
Response: 24747319
Conc: 203.23 ng/ml



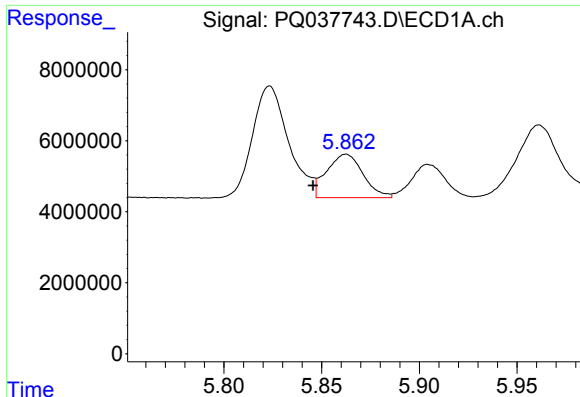
#6 AR-1016-4

R.T.: 5.540 min
Delta R.T.: -0.021 min
Response: 42908313
Conc: 195.17 ng/ml



#6 AR-1016-4

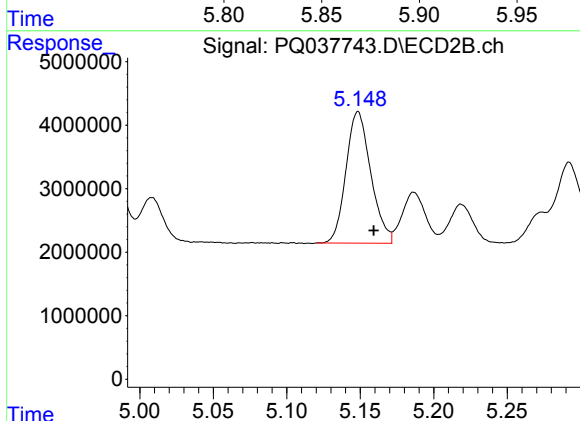
R.T.: 4.938 min
Delta R.T.: -0.010 min
Response: 19402591
Conc: 207.75 ng/ml



#7 AR-1016-5

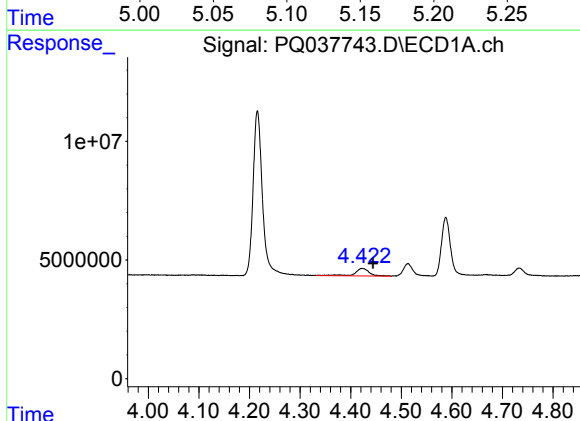
R.T.: 5.862 min
Delta R.T.: 0.017 min
Response: 15843113
Conc: 73.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



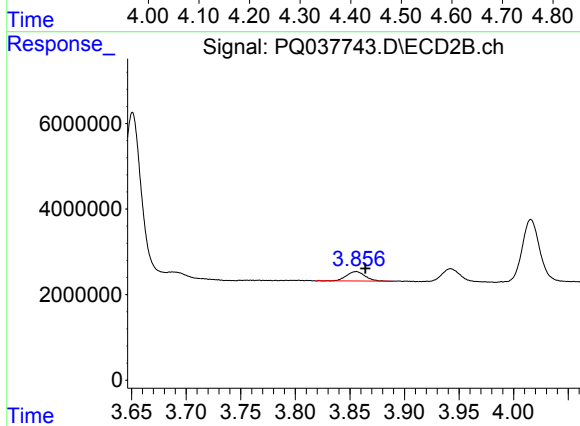
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 24346255
Conc: 194.37 ng/ml



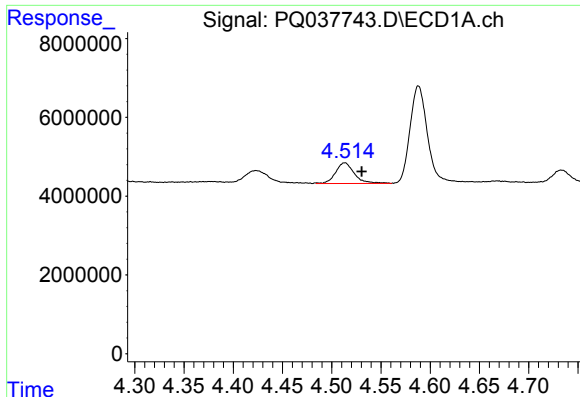
#8 AR-1221-1

R.T.: 4.423 min
Delta R.T.: -0.021 min
Response: 6305226
Conc: 100.62 ng/ml



#8 AR-1221-1

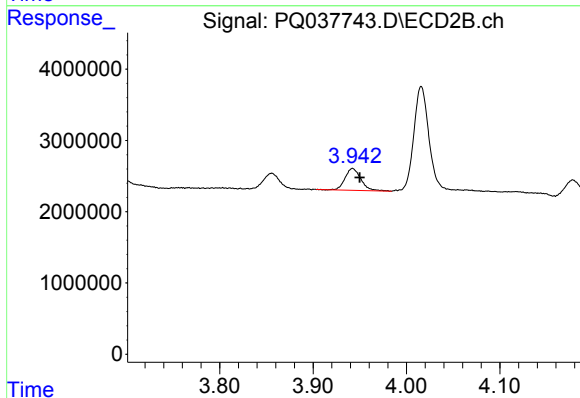
R.T.: 3.856 min
Delta R.T.: -0.009 min
Response: 2616174
Conc: 76.89 ng/ml



#9 AR-1221-2

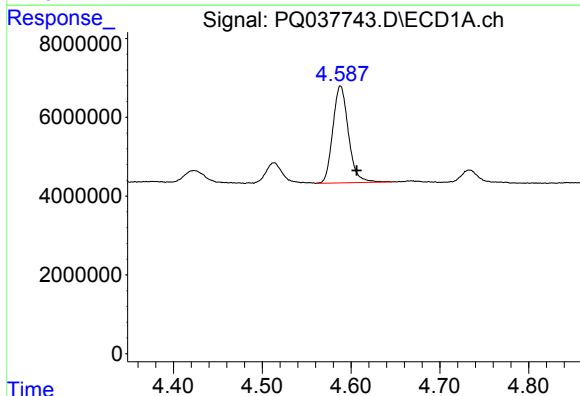
R.T.: 4.513 min
Delta R.T.: -0.017 min
Response: 6982390
Conc: 158.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



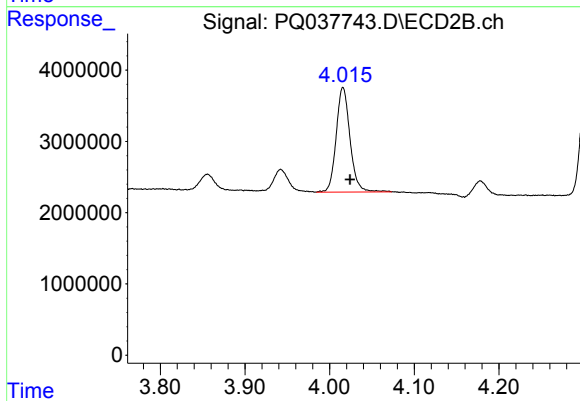
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: -0.008 min
Response: 3609147
Conc: 150.48 ng/ml



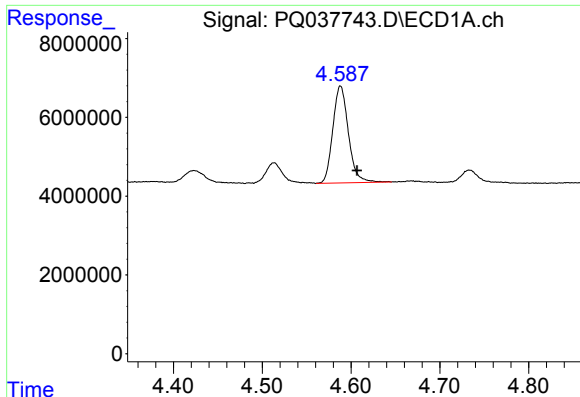
#10 AR-1221-3

R.T.: 4.588 min
Delta R.T.: -0.018 min
Response: 30045006
Conc: 195.47 ng/ml



#10 AR-1221-3

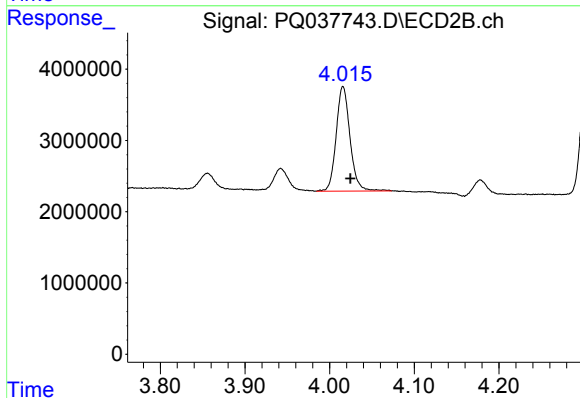
R.T.: 4.016 min
Delta R.T.: -0.008 min
Response: 16692924
Conc: 197.39 ng/ml



#11 AR-1232-1

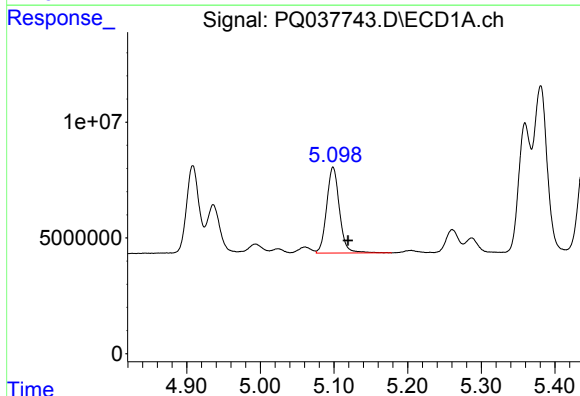
R.T.: 4.588 min
Delta R.T.: -0.019 min
Response: 30045006
Conc: 263.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



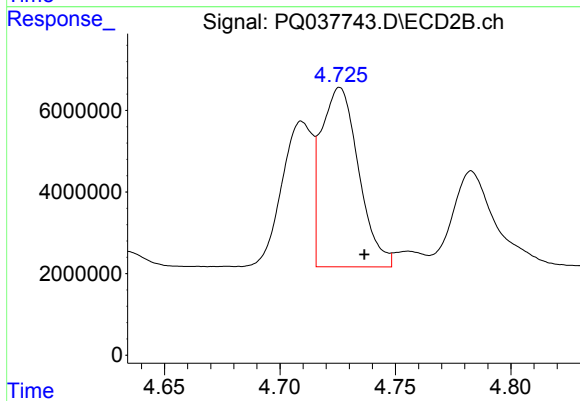
#11 AR-1232-1

R.T.: 4.016 min
Delta R.T.: -0.009 min
Response: 16692924
Conc: 269.67 ng/ml



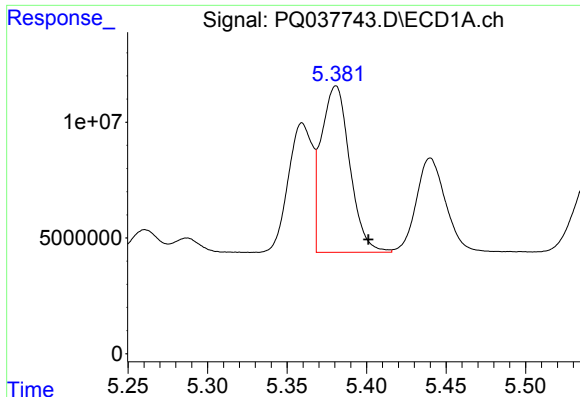
#12 AR-1232-2

R.T.: 5.099 min
Delta R.T.: -0.020 min
Response: 44764979
Conc: 765.71 ng/ml



#12 AR-1232-2

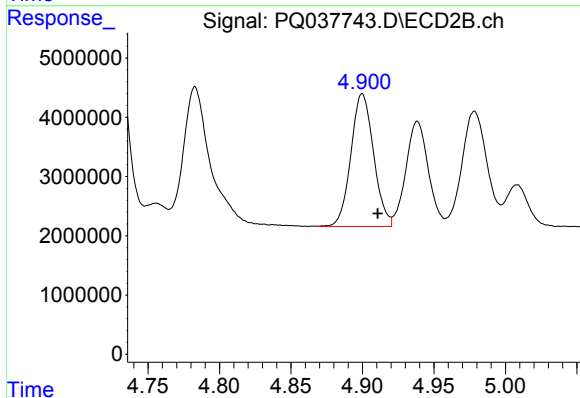
R.T.: 4.726 min
Delta R.T.: -0.011 min
Response: 49710631
Conc: 723.46 ng/ml



#13 AR-1232-3

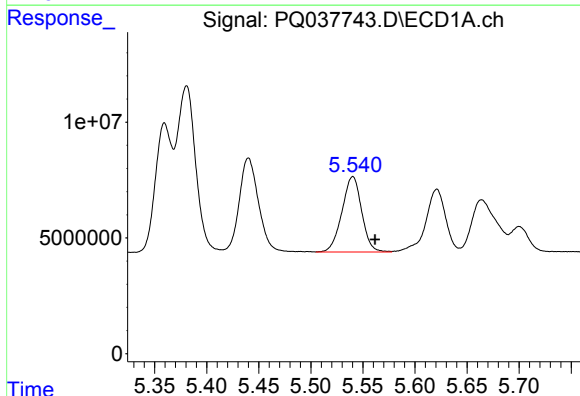
R.T.: 5.381 min
Delta R.T.: -0.020 min
Response: 89619883
Conc: 717.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



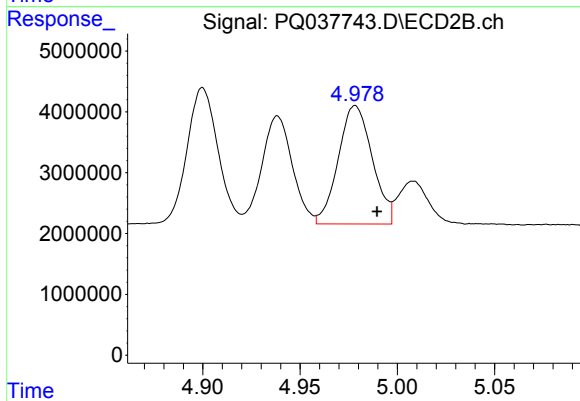
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.011 min
Response: 24747319
Conc: 710.63 ng/ml



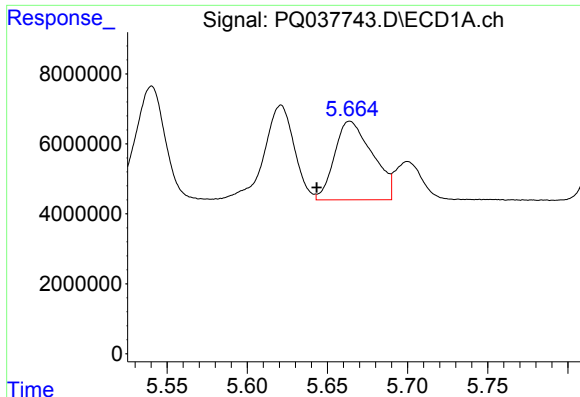
#14 AR-1232-4

R.T.: 5.540 min
Delta R.T.: -0.021 min
Response: 42908313
Conc: 671.46 ng/ml



#14 AR-1232-4

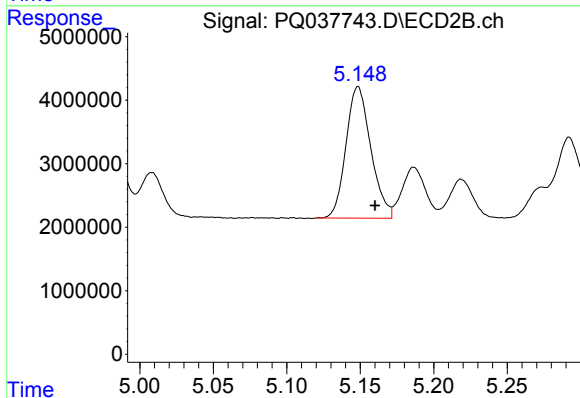
R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 23679496
Conc: 803.08 ng/ml



#15 AR-1232-5

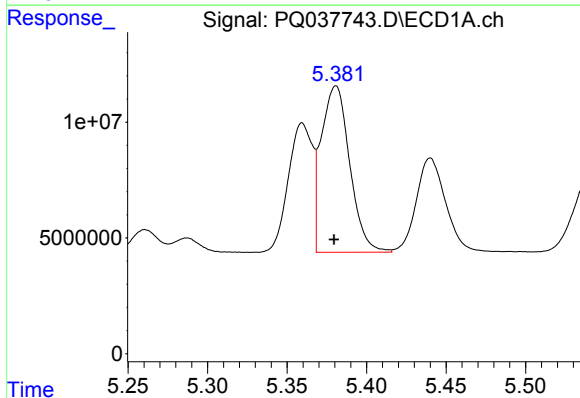
R.T.: 5.664 min
Delta R.T.: 0.021 min
Response: 36980767
Conc: 810.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



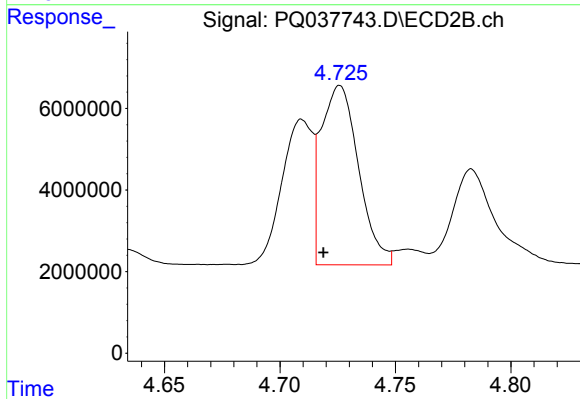
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.012 min
Response: 24346255
Conc: 716.41 ng/ml



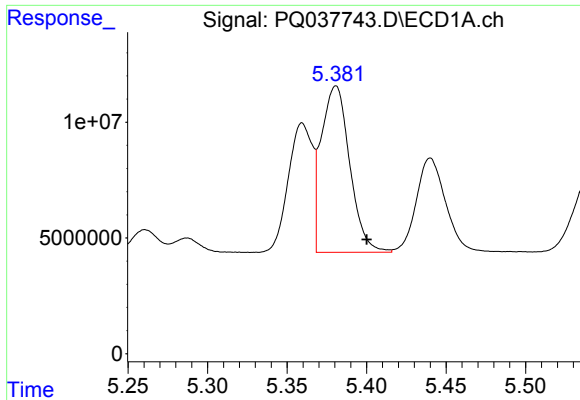
#16 AR-1242-1

R.T.: 5.381 min
Delta R.T.: 0.001 min
Response: 89619883
Conc: 546.34 ng/ml



#16 AR-1242-1

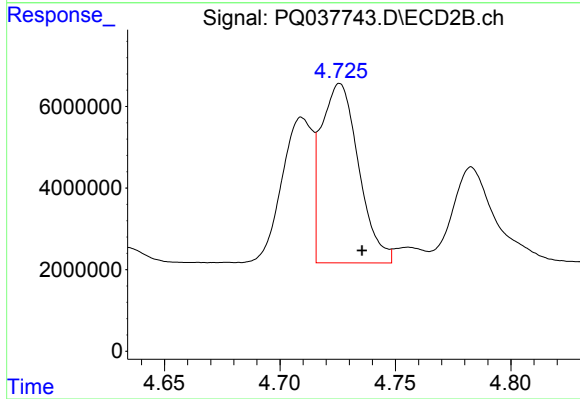
R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 49710631
Conc: 553.40 ng/ml



#17 AR-1242-2

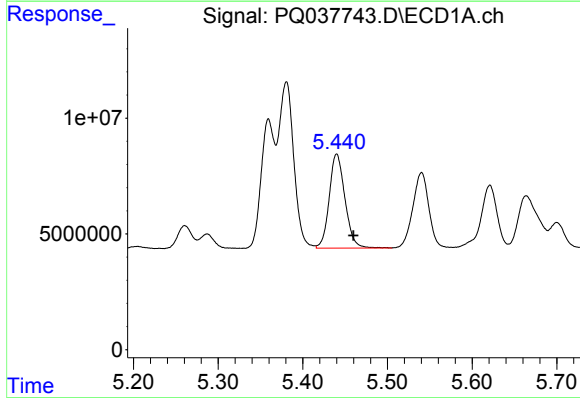
R.T.: 5.381 min
Delta R.T.: -0.019 min
Response: 89619883
Conc: 355.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



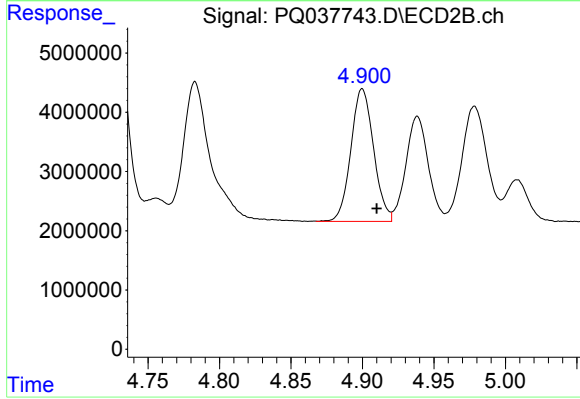
#17 AR-1242-2

R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 49710631
Conc: 364.54 ng/ml



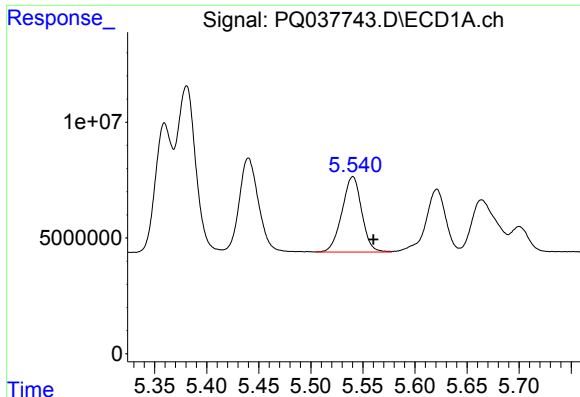
#18 AR-1242-3

R.T.: 5.440 min
Delta R.T.: -0.020 min
Response: 52559625
Conc: 347.47 ng/ml



#18 AR-1242-3

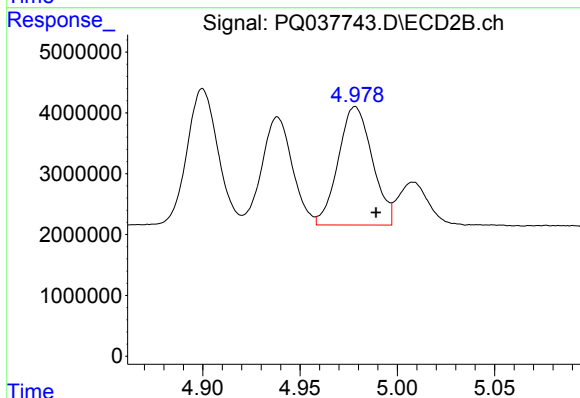
R.T.: 4.900 min
Delta R.T.: -0.010 min
Response: 24747319
Conc: 350.87 ng/ml



#19 AR-1242-4

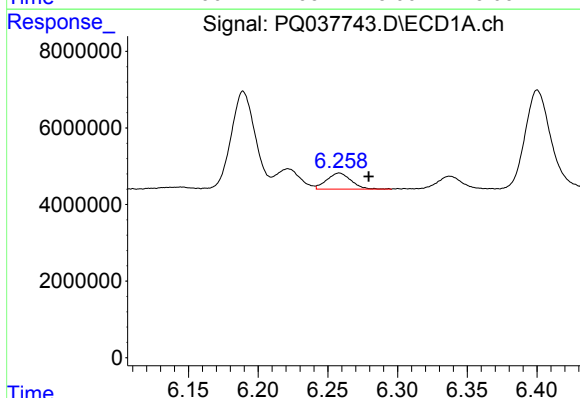
R.T.: 5.540 min
Delta R.T.: -0.020 min
Response: 42908313
Conc: 340.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



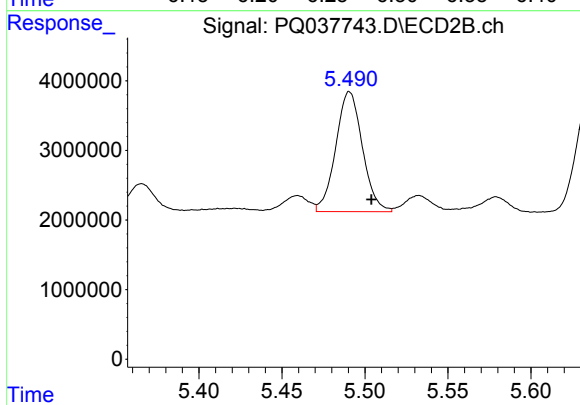
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 23679496
Conc: 345.11 ng/ml



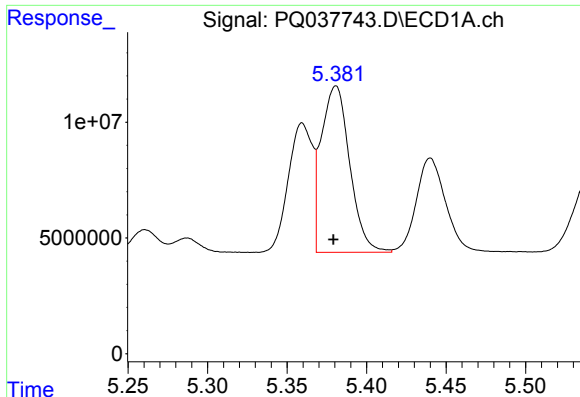
#20 AR-1242-5

R.T.: 6.258 min
Delta R.T.: -0.021 min
Response: 5131605
Conc: 36.98 ng/ml



#20 AR-1242-5

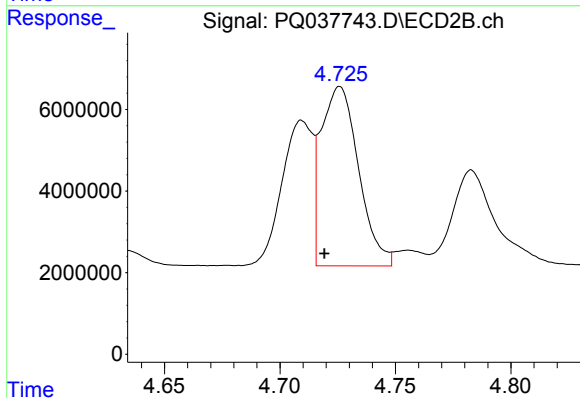
R.T.: 5.491 min
Delta R.T.: -0.013 min
Response: 19274607
Conc: 220.46 ng/ml



#21 AR-1248-1

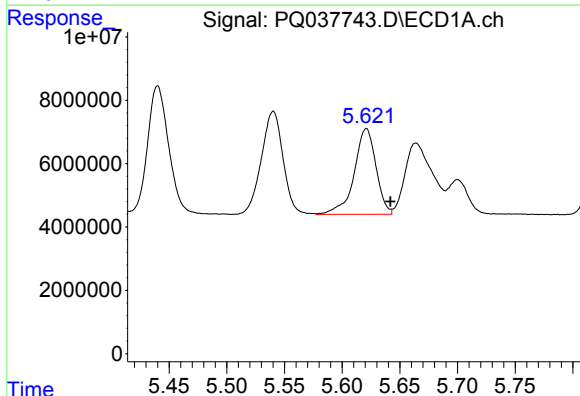
R.T.: 5.381 min
Delta R.T.: 0.002 min
Response: 89619883
Conc: 761.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



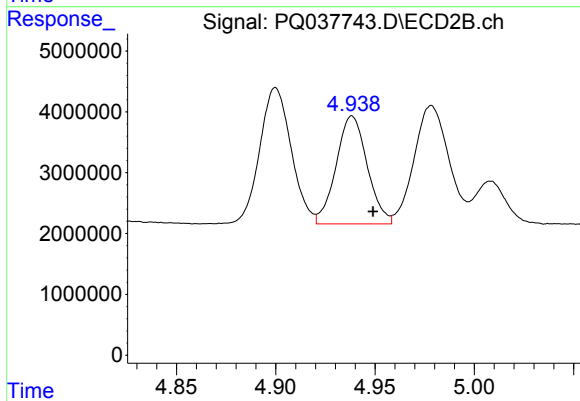
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 49710631
Conc: 745.19 ng/ml



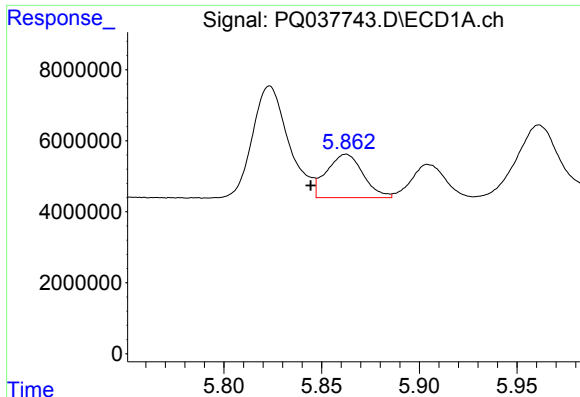
#22 AR-1248-2

R.T.: 5.621 min
Delta R.T.: -0.021 min
Response: 35741422
Conc: 208.33 ng/ml



#22 AR-1248-2

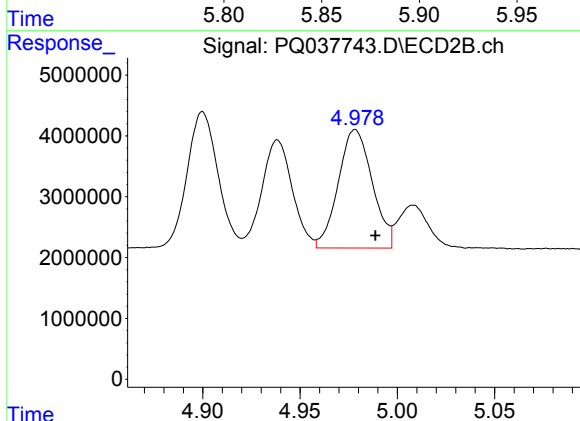
R.T.: 4.938 min
Delta R.T.: -0.010 min
Response: 19402591
Conc: 214.63 ng/ml



#23 AR-1248-3

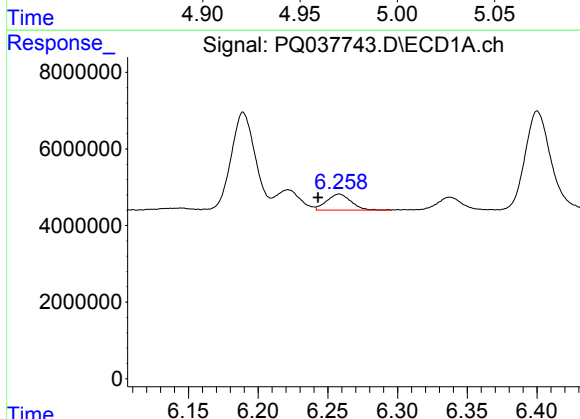
R.T.: 5.862 min
Delta R.T.: 0.018 min
Response: 15843113
Conc: 81.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



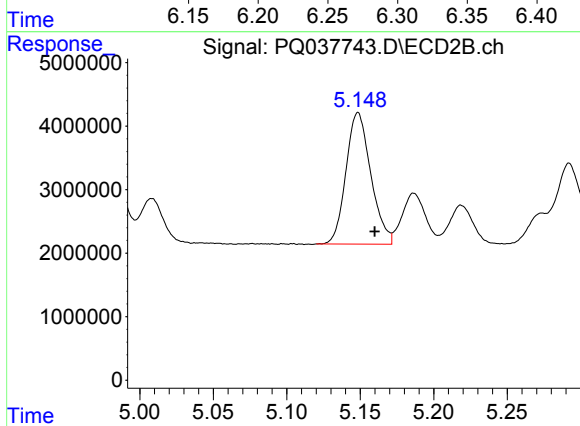
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.010 min
Response: 23679496
Conc: 256.57 ng/ml



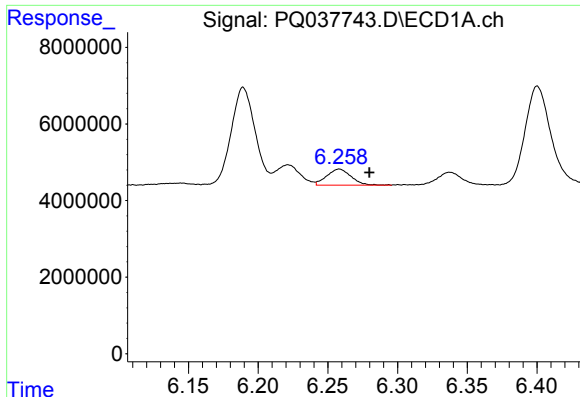
#24 AR-1248-4

R.T.: 6.258 min
Delta R.T.: 0.015 min
Response: 5131605
Conc: 22.57 ng/ml



#24 AR-1248-4

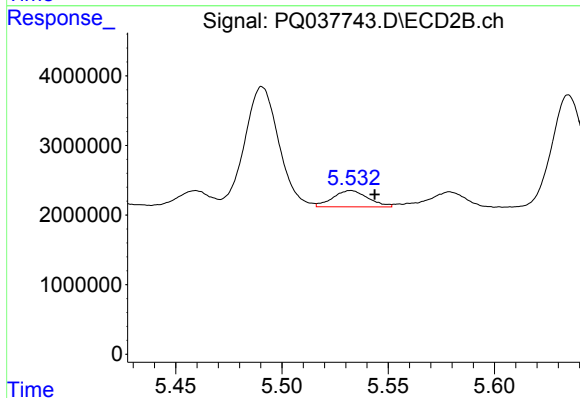
R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 24346255
Conc: 214.54 ng/ml



#25 AR-1248-5

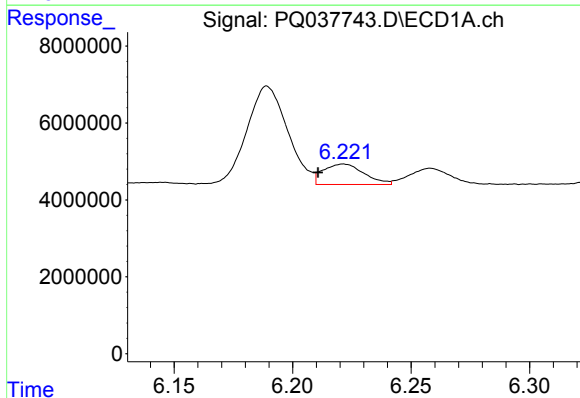
R.T.: 6.258 min
Delta R.T.: -0.022 min
Response: 5131605
Conc: 23.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



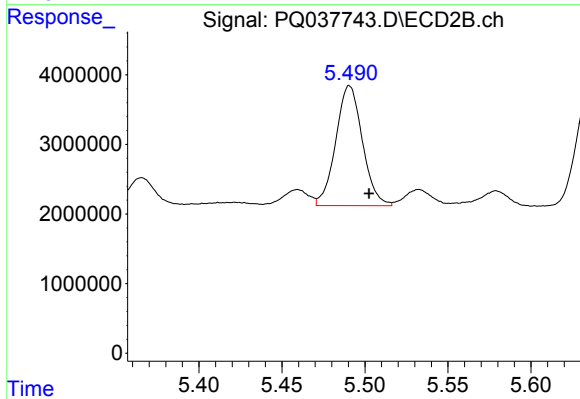
#25 AR-1248-5

R.T.: 5.532 min
Delta R.T.: -0.011 min
Response: 2723029
Conc: 24.80 ng/ml



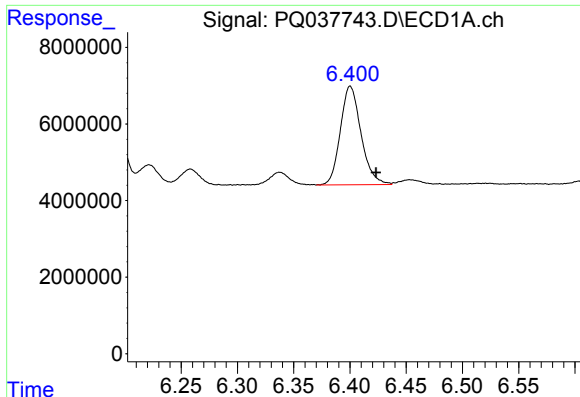
#26 AR-1254-1

R.T.: 6.222 min
Delta R.T.: 0.011 min
Response: 6392511
Conc: 30.18 ng/ml



#26 AR-1254-1

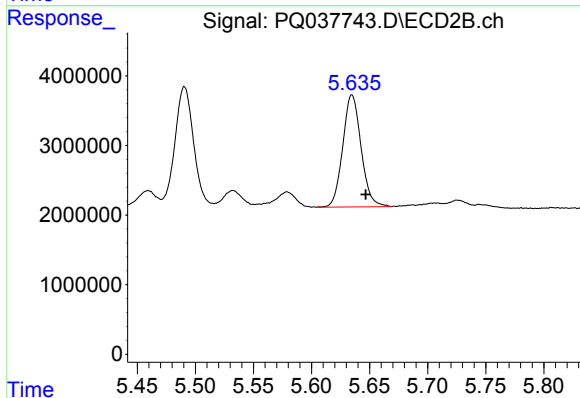
R.T.: 5.491 min
Delta R.T.: -0.012 min
Response: 19274607
Conc: 116.24 ng/ml



#27 AR-1254-2

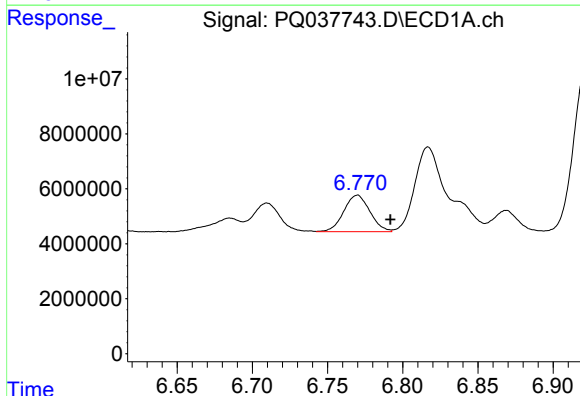
R.T.: 6.400 min
Delta R.T.: -0.023 min
Response: 33042618
Conc: 98.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



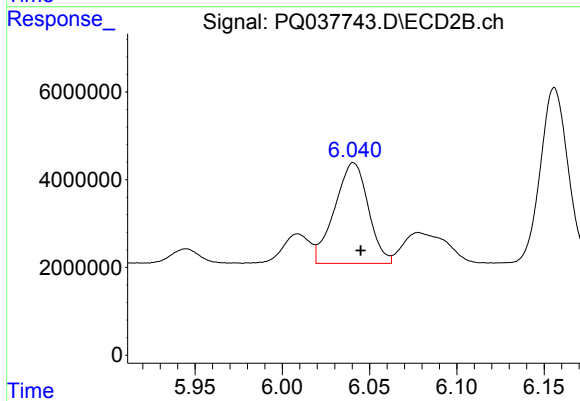
#27 AR-1254-2

R.T.: 5.635 min
Delta R.T.: -0.012 min
Response: 17683832
Conc: 124.17 ng/ml



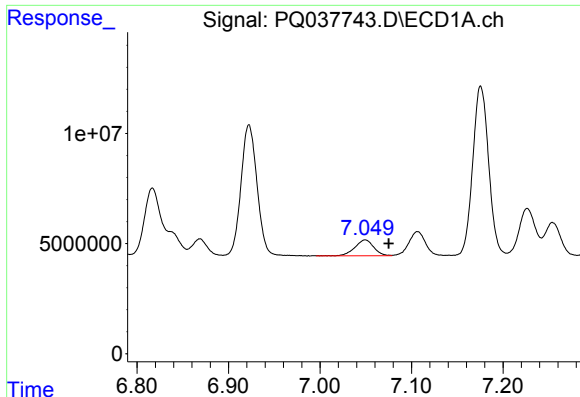
#28 AR-1254-3

R.T.: 6.770 min
Delta R.T.: -0.022 min
Response: 16156525
Conc: 46.55 ng/ml



#28 AR-1254-3

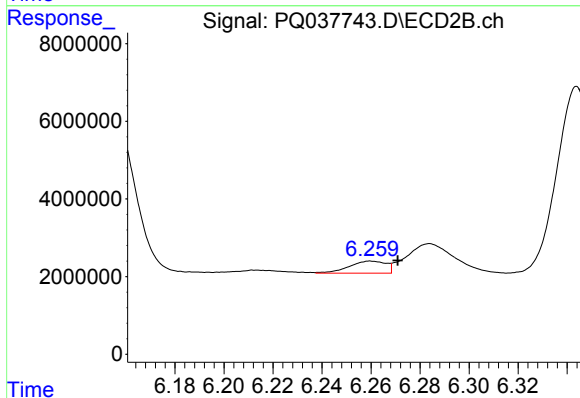
R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 30763580
Conc: 134.83 ng/ml



#29 AR-1254-4

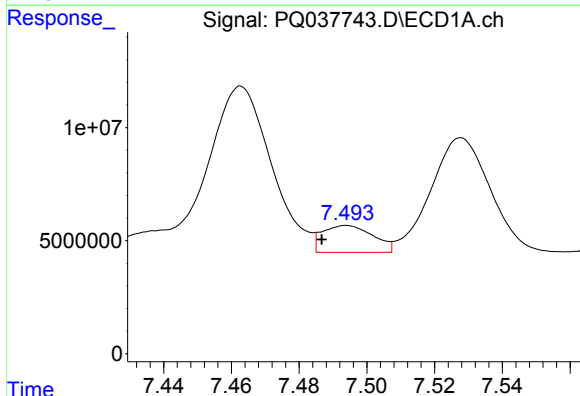
R.T.: 7.049 min
Delta R.T.: -0.025 min
Response: 10323460
Conc: 37.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



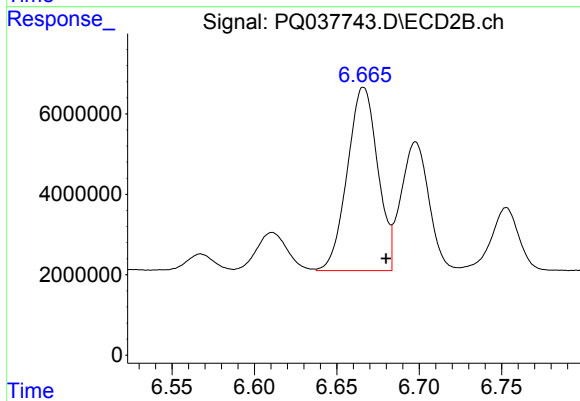
#29 AR-1254-4

R.T.: 6.260 min
Delta R.T.: -0.011 min
Response: 3217292
Conc: 18.73 ng/ml



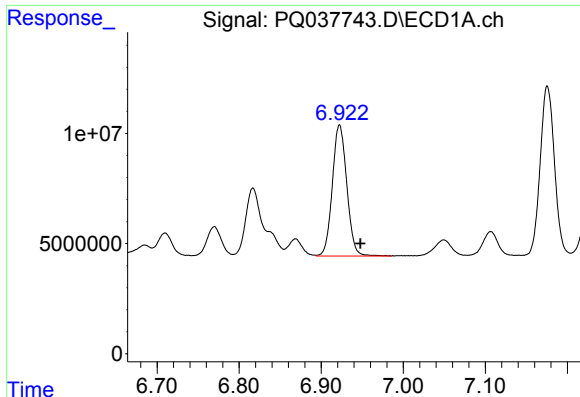
#30 AR-1254-5

R.T.: 7.494 min
Delta R.T.: 0.007 min
Response: 12368769
Conc: 44.75 ng/ml



#30 AR-1254-5

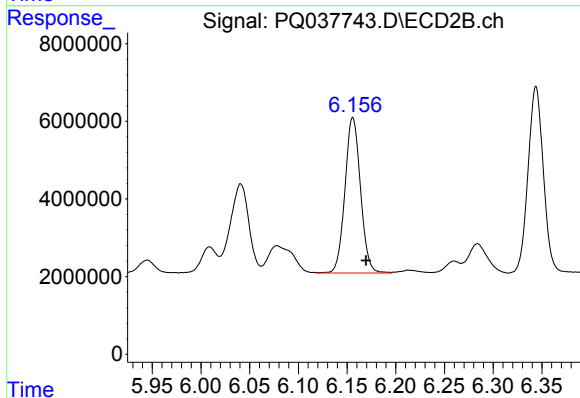
R.T.: 6.666 min
Delta R.T.: -0.014 min
Response: 58586372
Conc: 302.57 ng/ml



#31 AR-1260-1

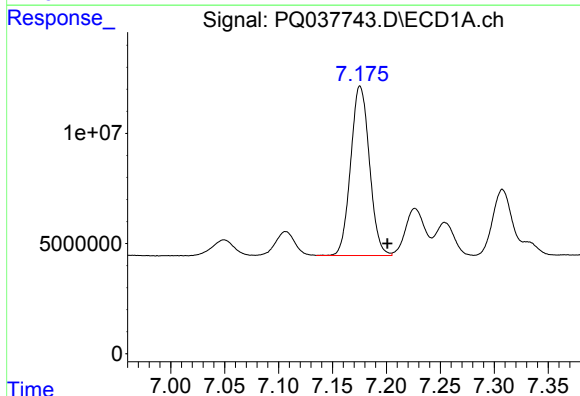
R.T.: 6.922 min
Delta R.T.: -0.025 min
Response: 72897797
Conc: 164.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



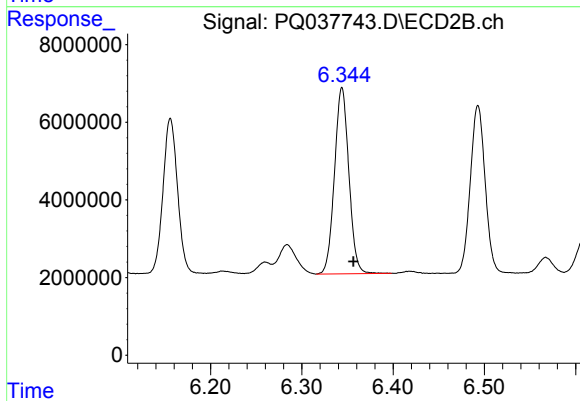
#31 AR-1260-1

R.T.: 6.156 min
Delta R.T.: -0.014 min
Response: 44608877
Conc: 175.95 ng/ml



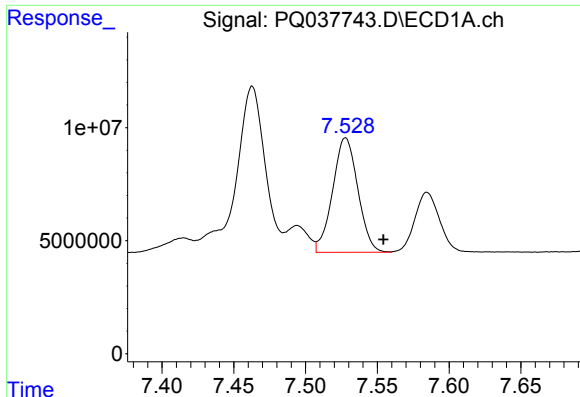
#32 AR-1260-2

R.T.: 7.176 min
Delta R.T.: -0.025 min
Response: 93034568
Conc: 160.91 ng/ml



#32 AR-1260-2

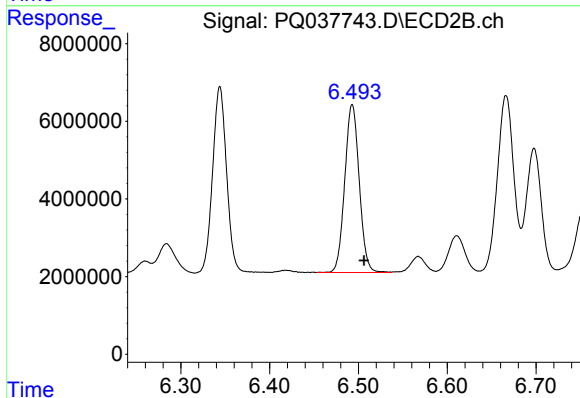
R.T.: 6.344 min
Delta R.T.: -0.013 min
Response: 52533168
Conc: 170.91 ng/ml



#33 AR-1260-3

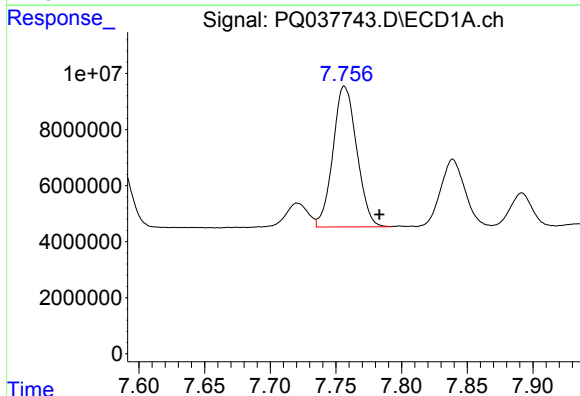
R.T.: 7.528 min
Delta R.T.: -0.026 min
Response: 61943565
Conc: 138.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



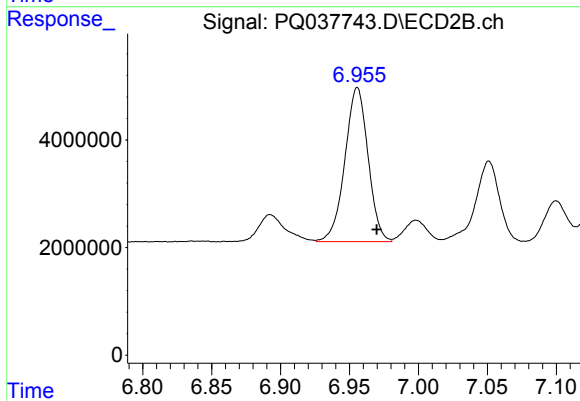
#33 AR-1260-3

R.T.: 6.493 min
Delta R.T.: -0.013 min
Response: 49072300
Conc: 172.80 ng/ml



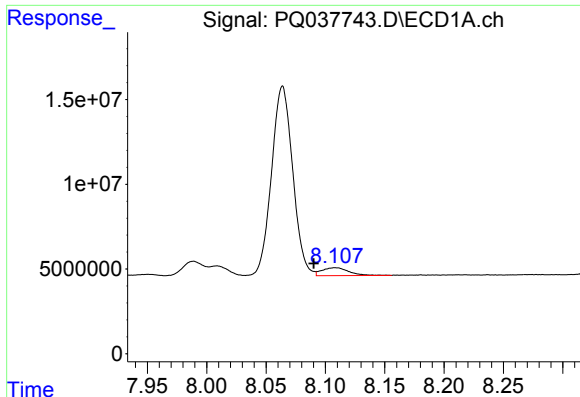
#34 AR-1260-4

R.T.: 7.757 min
Delta R.T.: -0.027 min
Response: 63369021
Conc: 144.68 ng/ml



#34 AR-1260-4

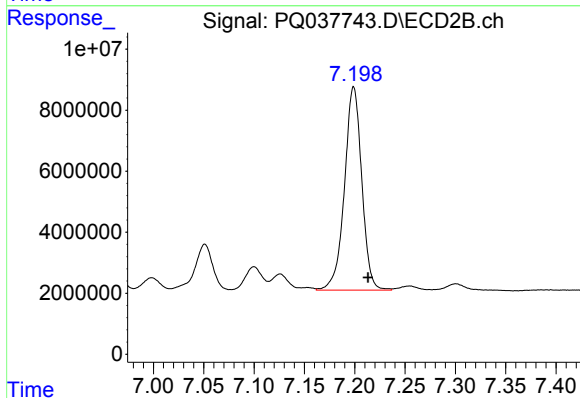
R.T.: 6.956 min
Delta R.T.: -0.014 min
Response: 33543517
Conc: 152.41 ng/ml



#35 AR-1260-5

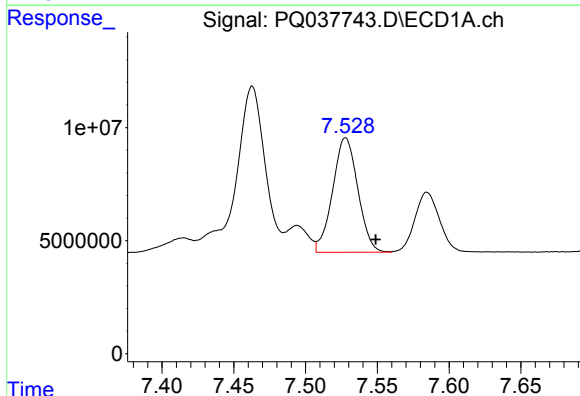
R.T.: 8.108 min
Delta R.T.: 0.018 min
Response: 7329300
Conc: 7.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



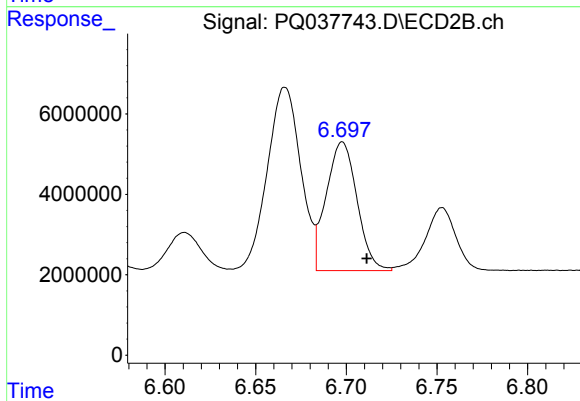
#35 AR-1260-5

R.T.: 7.199 min
Delta R.T.: -0.014 min
Response: 79746299
Conc: 151.04 ng/ml



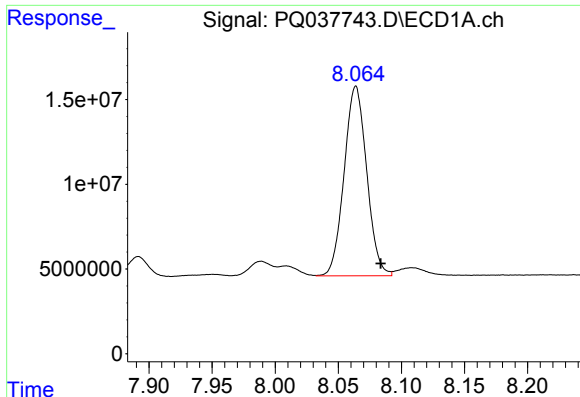
#36 AR-1262-1

R.T.: 7.528 min
Delta R.T.: -0.021 min
Response: 61943565
Conc: 155.08 ng/ml



#36 AR-1262-1

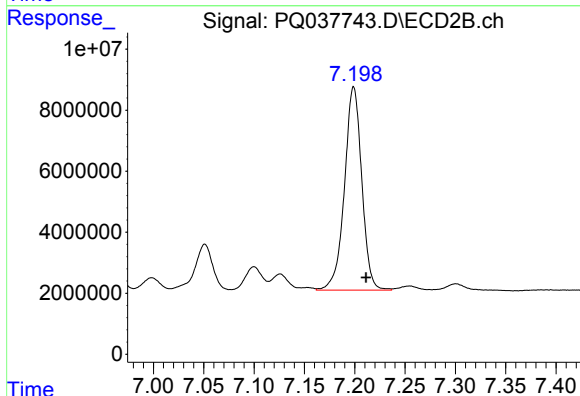
R.T.: 6.698 min
Delta R.T.: -0.013 min
Response: 37873351
Conc: 180.97 ng/ml



#37 AR-1262-2

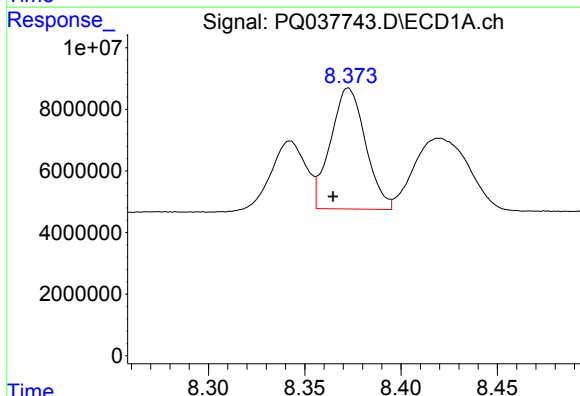
R.T.: 8.064 min
Delta R.T.: -0.020 min
Response: 139331601
Conc: 201.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



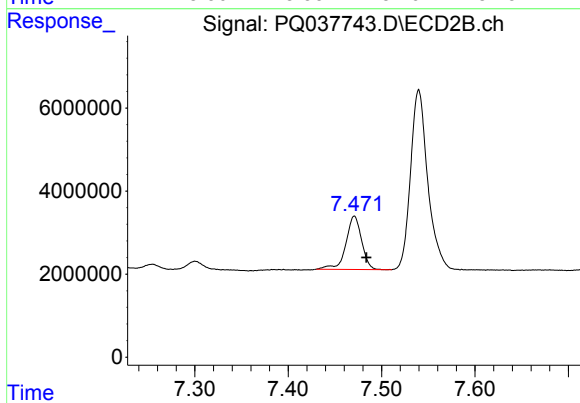
#37 AR-1262-2

R.T.: 7.199 min
Delta R.T.: -0.012 min
Response: 79746299
Conc: 215.27 ng/ml



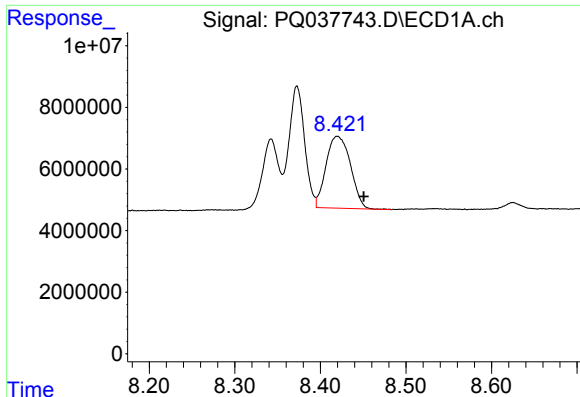
#38 AR-1262-3

R.T.: 8.373 min
Delta R.T.: 0.008 min
Response: 49605457
Conc: 165.67 ng/ml



#38 AR-1262-3

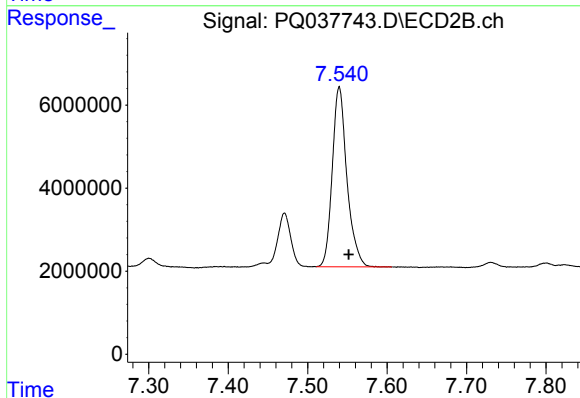
R.T.: 7.471 min
Delta R.T.: -0.013 min
Response: 15029535
Conc: 102.83 ng/ml



#39 AR-1262-4

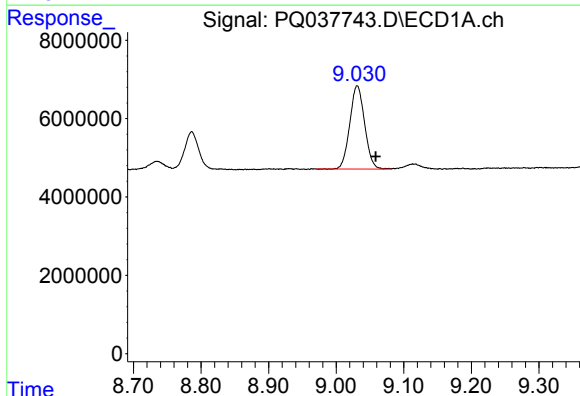
R.T.: 8.420 min
Delta R.T.: -0.031 min
Response: 46235371
Conc: 131.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



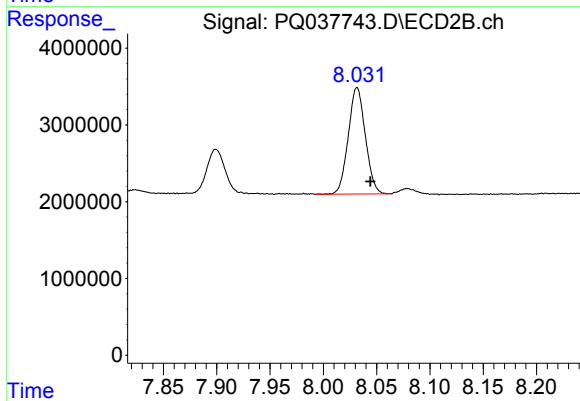
#39 AR-1262-4

R.T.: 7.540 min
Delta R.T.: -0.012 min
Response: 55506514
Conc: 208.14 ng/ml



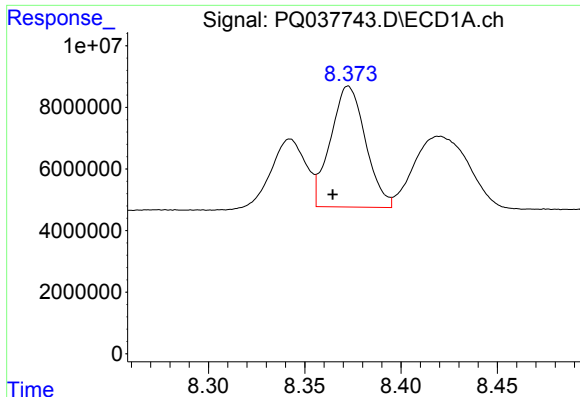
#40 AR-1262-5

R.T.: 9.031 min
Delta R.T.: -0.028 min
Response: 32411833
Conc: 135.90 ng/ml



#40 AR-1262-5

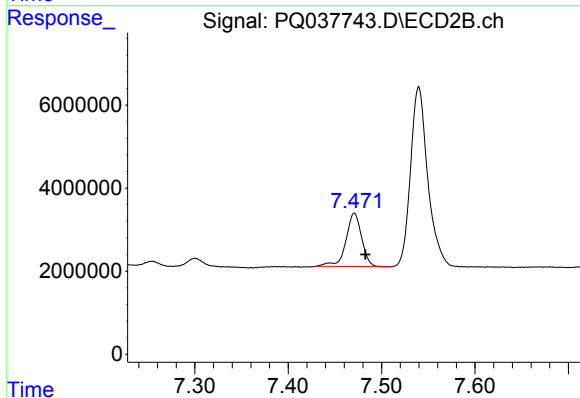
R.T.: 8.032 min
Delta R.T.: -0.013 min
Response: 15473930
Conc: 132.45 ng/ml



#41 AR-1268-1

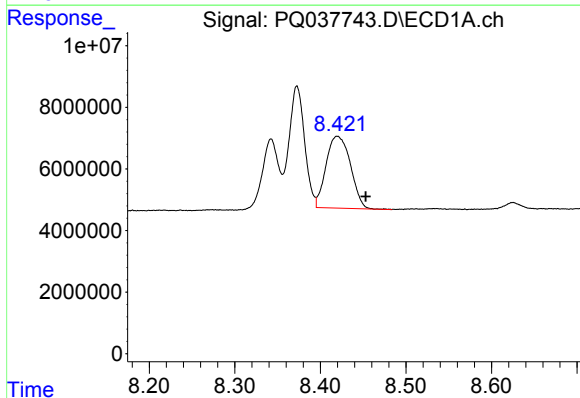
R.T.: 8.373 min
Delta R.T.: 0.008 min
Response: 49605457
Conc: 37.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



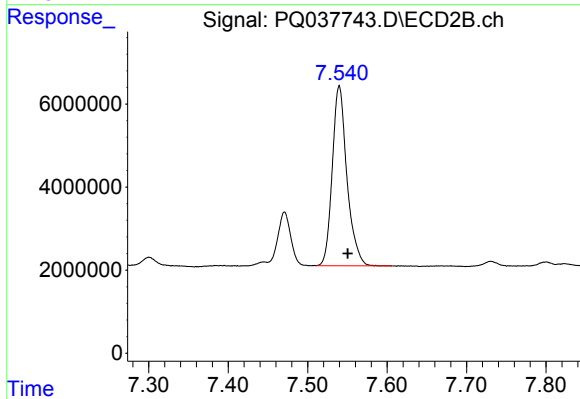
#41 AR-1268-1

R.T.: 7.471 min
Delta R.T.: -0.012 min
Response: 15029535
Conc: 22.94 ng/ml



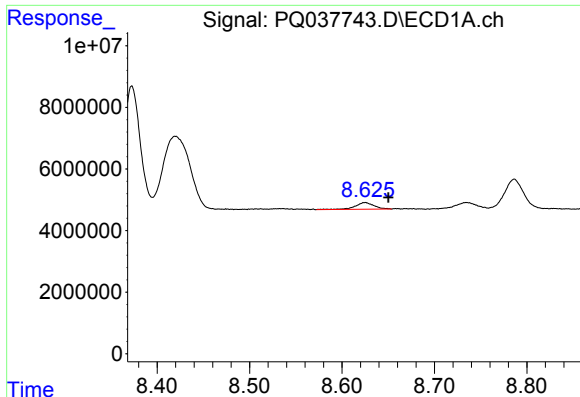
#42 AR-1268-2

R.T.: 8.420 min
Delta R.T.: -0.033 min
Response: 46235371
Conc: 37.53 ng/ml



#42 AR-1268-2

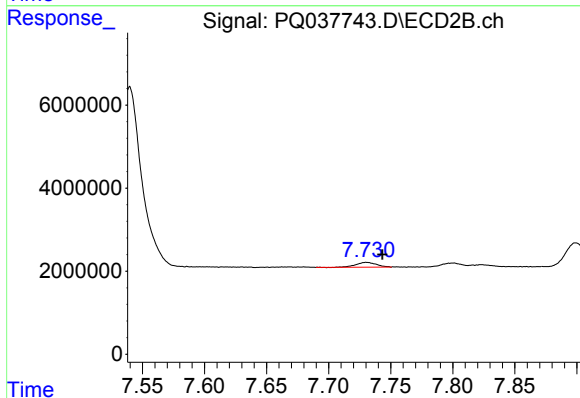
R.T.: 7.540 min
Delta R.T.: -0.011 min
Response: 55506514
Conc: 92.81 ng/ml



#43 AR-1268-3

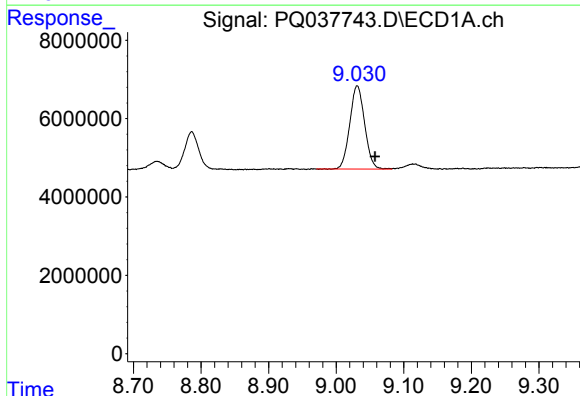
R.T.: 8.625 min
Delta R.T.: -0.025 min
Response: 3106233
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



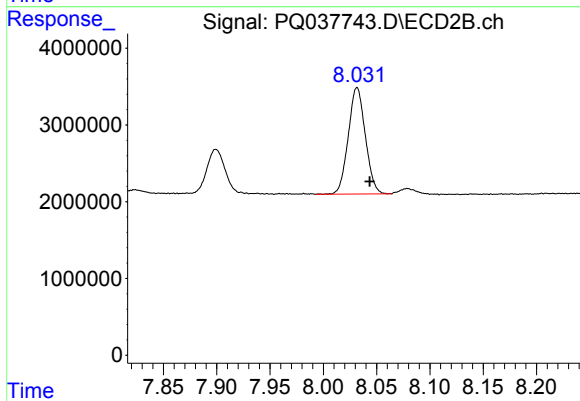
#43 AR-1268-3

R.T.: 7.731 min
Delta R.T.: -0.013 min
Response: 1337639
Conc: 2.69 ng/ml



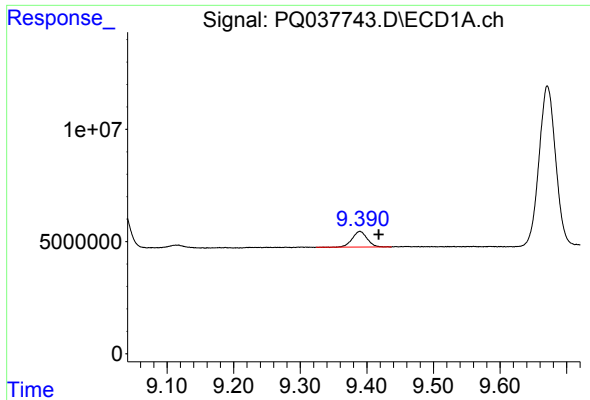
#44 AR-1268-4

R.T.: 9.031 min
Delta R.T.: -0.026 min
Response: 32411833
Conc: 81.26 ng/ml



#44 AR-1268-4

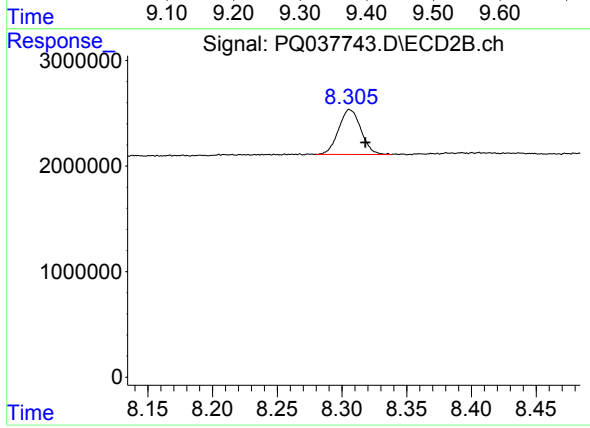
R.T.: 8.032 min
Delta R.T.: -0.012 min
Response: 15473930
Conc: 78.95 ng/ml



#45 AR-1268-5

R.T.: 9.390 min
Delta R.T.: -0.028 min
Response: 10904076
Conc: 3.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MSD



#45 AR-1268-5

R.T.: 8.306 min
Delta R.T.: -0.012 min
Response: 5108429
Conc: 3.32 ng/ml