

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030419\
 Data File : PQ037761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2019 16:47
 Operator : SM\SJ
 Sample : K1661-12MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFC76MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:49:23 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	3.653	148.3E6	78533711	26.079	29.815
2)	SA Decachlor...	9.670	8.537	177.6E6	91315998	35.171	39.360
Target Compounds							
3)	L1 AR-1016-1	5.380	4.726	136.4E6	77889807	471.987	504.859
4)	L1 AR-1016-2	5.380	4.726	136.4E6	77889807	305.263	324.481
5)	L1 AR-1016-3	5.440	4.900	79534648	38074669	302.604	312.682
6)	L1 AR-1016-4	5.539	4.938	65635338	29822944	298.543	319.323
7)	L1 AR-1016-5	5.861	5.148	24009593	37802203	111.696	301.798 #
8)	L2 AR-1221-1	4.424	3.857	8640676	4002755	137.896	117.638
9)	L2 AR-1221-2	4.513	3.943	10489946	5199464	238.213	216.784
10)	L2 AR-1221-3	4.588	4.017	44899656	24630476	292.111	291.257
11)	L3 AR-1232-1	4.588	4.017	44899656	24630476	393.435	397.892
12)	L3 AR-1232-2	5.098	4.726	70582200	77889807	1207.309	1133.558
13)	L3 AR-1232-3	5.380	4.900	136.4E6	38074669	1092.080	1093.334
14)	L3 AR-1232-4	5.539	4.978	65635338	36639637	1027.106	1242.625
15)	L3 AR-1232-5	5.663	5.148	55945332	37802203	1226.680	1112.358
16)	L4 AR-1242-1	5.380	4.726	136.4E6	77889807	831.620	867.104
17)	L4 AR-1242-2	5.380	4.726	136.4E6	77889807	541.231	571.190
18)	L4 AR-1242-3	5.440	4.900	79534648	38074669	525.807	539.826
19)	L4 AR-1242-4	5.539	4.978	65635338	36639637	521.425	533.994
20)	L4 AR-1242-5	6.257	5.490	8197253	29407102	59.069	336.353 #
21)	L5 AR-1248-1	5.380	4.726	136.4E6	77889807	1159.079	1167.618
22)	L5 AR-1248-2	5.663	4.938	55945332	29822944	326.100	329.894
23)	L5 AR-1248-3	5.861	4.978	24009593	36639637	123.581	396.991 #
24)	L5 AR-1248-4	6.257	5.148	8197253	37802203	36.053	333.119 #
25)	L5 AR-1248-5	6.257	5.532	8197253	3989362	37.956	36.336
26)	L6 AR-1254-1	6.220	5.490	10340183	29407102	48.823	177.352 #
27)	L6 AR-1254-2	6.400	5.634	50494330	27174111	150.580	190.812 #
28)	L6 AR-1254-3	6.769	6.040	24035960	46294784	69.256	202.904 #
29)	L6 AR-1254-4	7.049	6.259	15829520	3983406	57.197	23.195 #
30)	L6 AR-1254-5	7.492	6.666	18588321	86390021	67.256	446.166 #
31)	L7 AR-1260-1	6.921	6.156	109.9E6	67314673	247.401	265.506
32)	L7 AR-1260-2	7.225	6.344	39200193	78643145	67.798	255.857 #
33)	L7 AR-1260-3	7.527	6.493	90517969	73046677	202.618	257.227 #
34)	L7 AR-1260-4	7.757	6.956	90169249	48084097	205.869	218.473
35)	L7 AR-1260-5	8.107	7.199	10407603	114.2E6	10.383	216.343 #
36)	L8 AR-1262-1	7.527	6.697	90517969	54497803	226.619	260.404
37)	L8 AR-1262-2	8.063	7.199	195.9E6	114.2E6	282.742	308.339
38)	L8 AR-1262-3	8.372	7.471	68660042	20532586	229.307	140.479 #
39)	L8 AR-1262-4	8.418	7.540	64411738	79248211	183.314	297.165 #
40)	L8 AR-1262-5	9.031	8.032	44981786	21551924	188.611	184.473
41)	L9 AR-1268-1	8.372	7.471	68660042	20532586	51.215	31.345 #

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 ALS Vial : 29 Sample Multiplier: 1

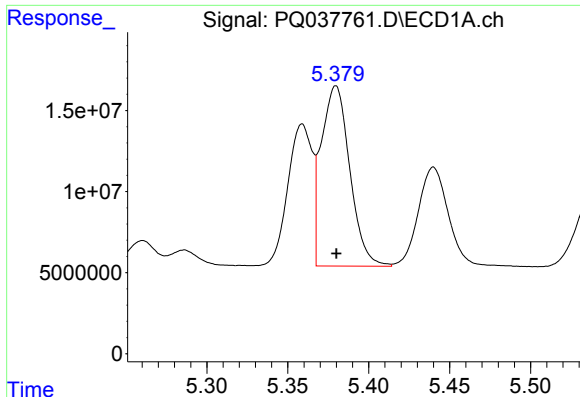
Instrument :
 ECD_Q
 ClientSampleId :
 BFC76MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:49:23 2019
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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	8.418	7.540	64411738	79248211	52.288	132.512 #
43) L9	AR-1268-3	8.625	7.731	4599679	1883456	4.198	3.783
44) L9	AR-1268-4	9.031	8.032	44981786	21551924	112.776	109.958
45) L9	AR-1268-5	9.388	8.307	15542467	7175772	4.781	4.663

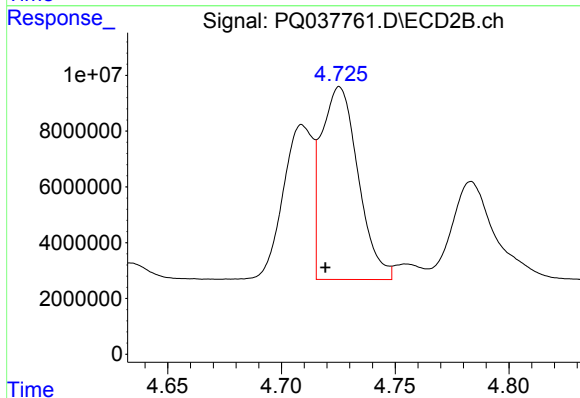
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

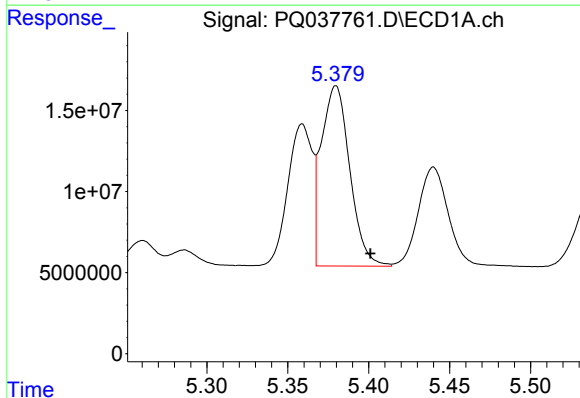
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 136416162
Conc: 471.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



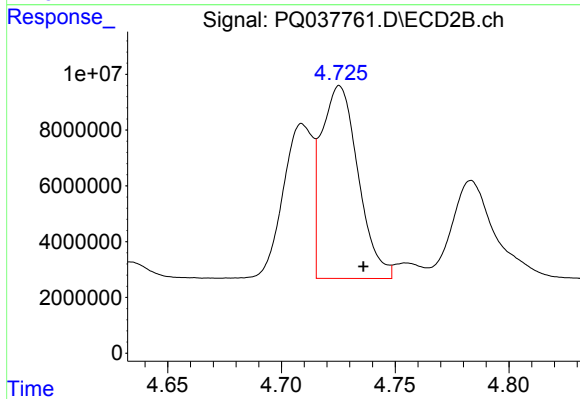
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 77889807
Conc: 504.86 ng/ml



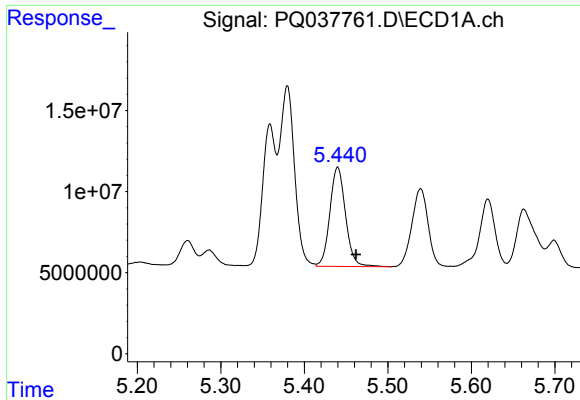
#4 AR-1016-2

R.T.: 5.380 min
Delta R.T.: -0.021 min
Response: 136416162
Conc: 305.26 ng/ml



#4 AR-1016-2

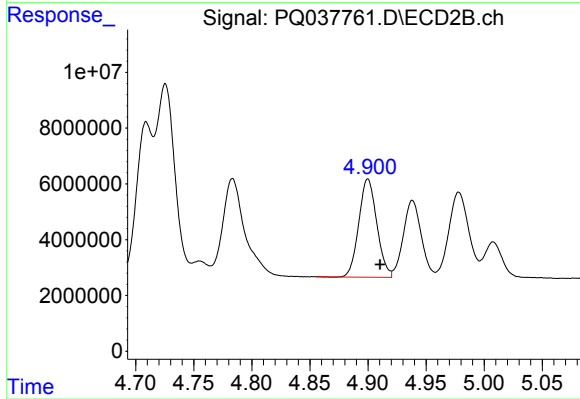
R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 77889807
Conc: 324.48 ng/ml



#5 AR-1016-3

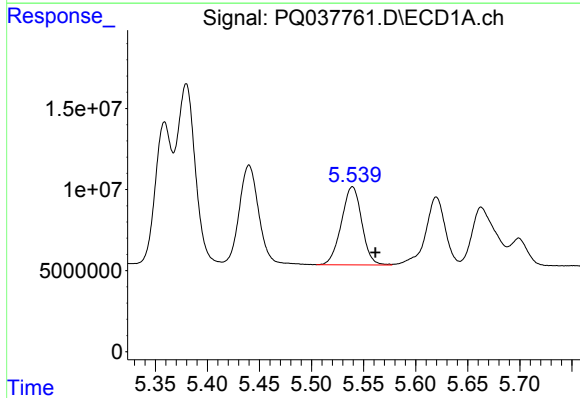
R.T.: 5.440 min
Delta R.T.: -0.022 min
Response: 79534648
Conc: 302.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



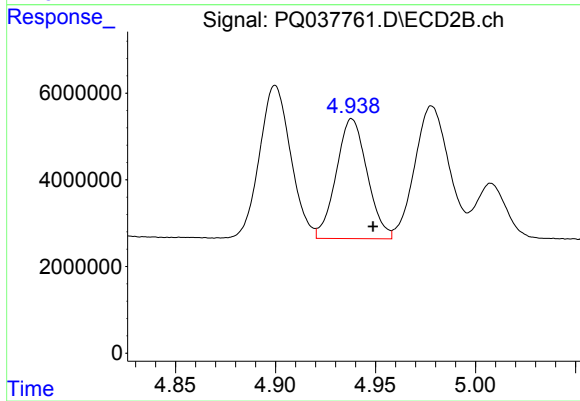
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.011 min
Response: 38074669
Conc: 312.68 ng/ml



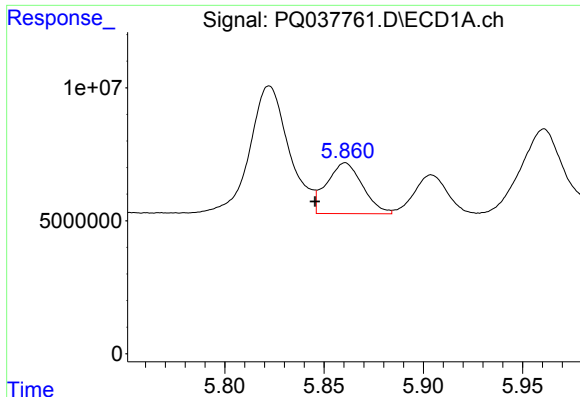
#6 AR-1016-4

R.T.: 5.539 min
Delta R.T.: -0.022 min
Response: 65635338
Conc: 298.54 ng/ml



#6 AR-1016-4

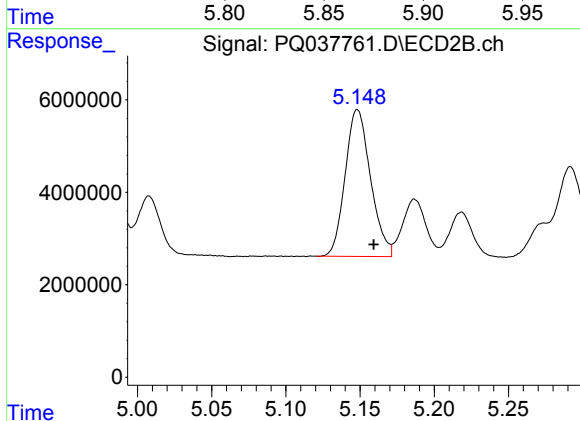
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 29822944
Conc: 319.32 ng/ml



#7 AR-1016-5

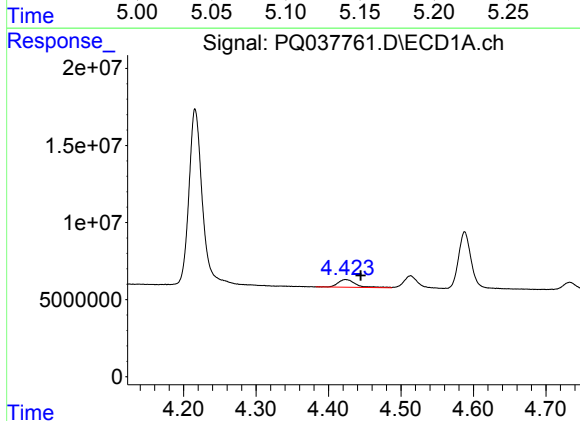
R.T.: 5.861 min
Delta R.T.: 0.015 min
Response: 24009593
Conc: 111.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



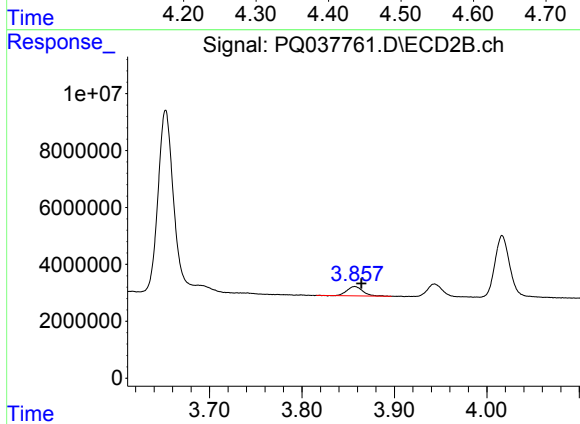
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.011 min
Response: 37802203
Conc: 301.80 ng/ml



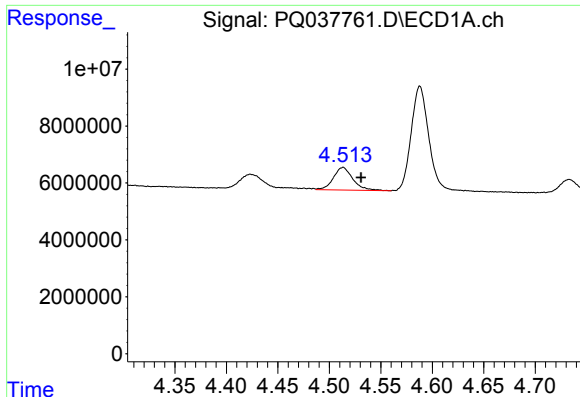
#8 AR-1221-1

R.T.: 4.424 min
Delta R.T.: -0.021 min
Response: 8640676
Conc: 137.90 ng/ml



#8 AR-1221-1

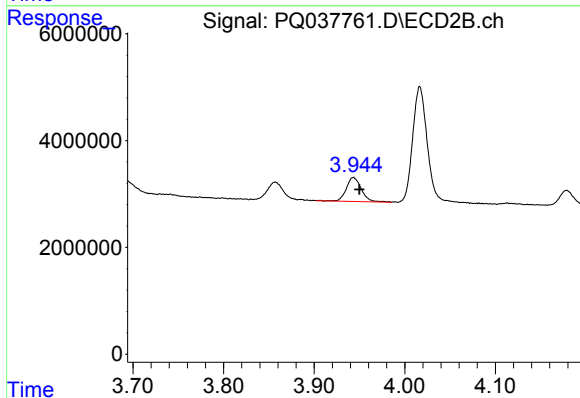
R.T.: 3.857 min
Delta R.T.: -0.007 min
Response: 4002755
Conc: 117.64 ng/ml



#9 AR-1221-2

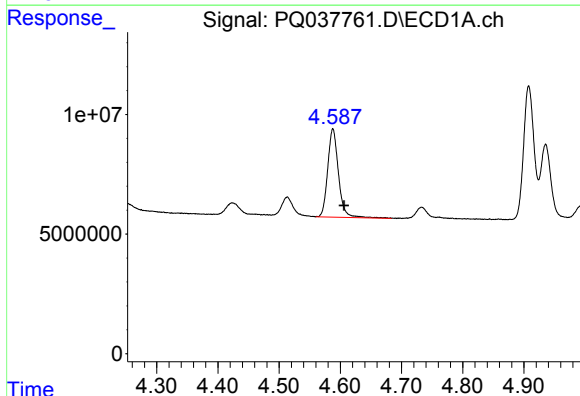
R.T.: 4.513 min
Delta R.T.: -0.017 min
Response: 10489946
Conc: 238.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



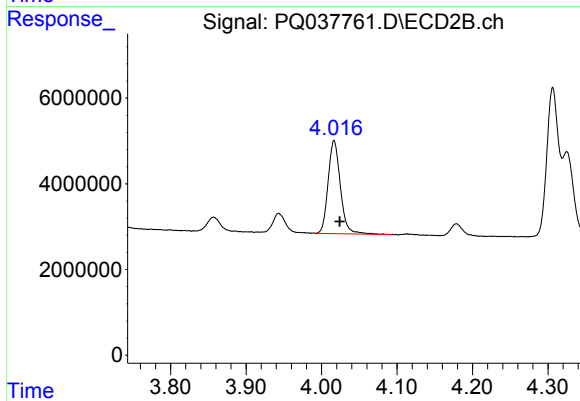
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: -0.007 min
Response: 5199464
Conc: 216.78 ng/ml



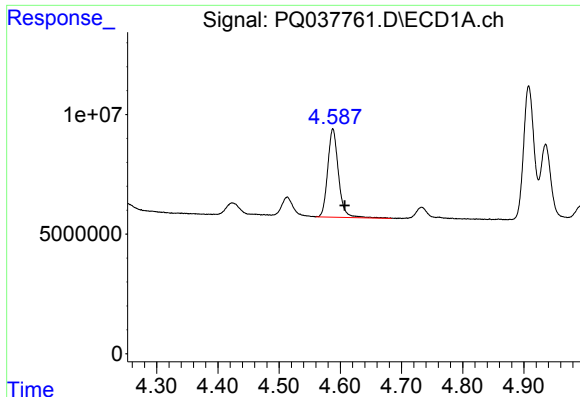
#10 AR-1221-3

R.T.: 4.588 min
Delta R.T.: -0.018 min
Response: 44899656
Conc: 292.11 ng/ml



#10 AR-1221-3

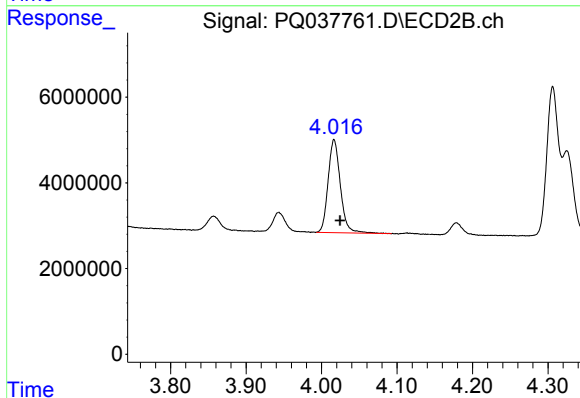
R.T.: 4.017 min
Delta R.T.: -0.007 min
Response: 24630476
Conc: 291.26 ng/ml



#11 AR-1232-1

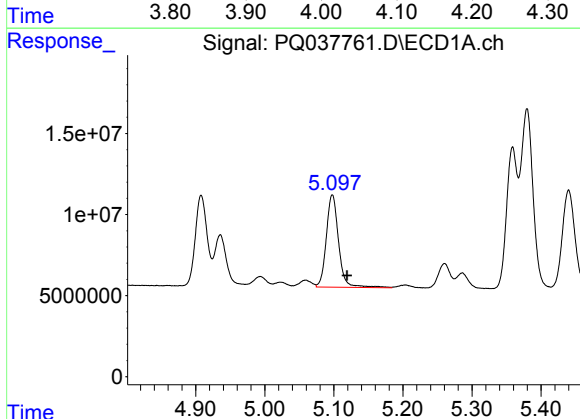
R.T.: 4.588 min
Delta R.T.: -0.019 min
Response: 44899656
Conc: 393.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



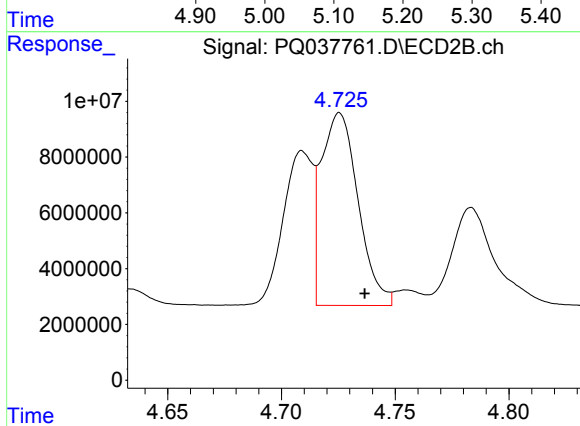
#11 AR-1232-1

R.T.: 4.017 min
Delta R.T.: -0.008 min
Response: 24630476
Conc: 397.89 ng/ml



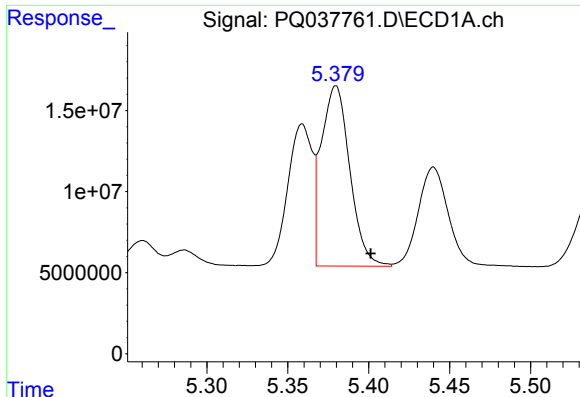
#12 AR-1232-2

R.T.: 5.098 min
Delta R.T.: -0.021 min
Response: 70582200
Conc: 1207.31 ng/ml



#12 AR-1232-2

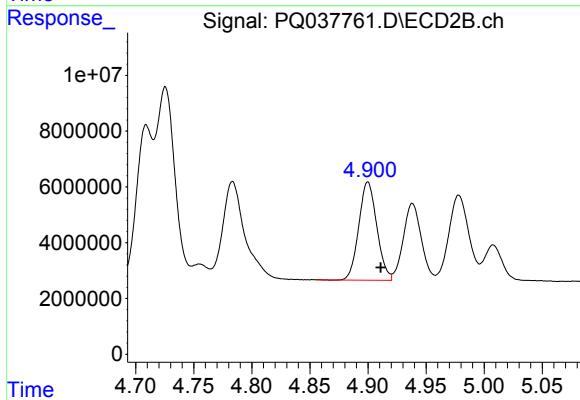
R.T.: 4.726 min
Delta R.T.: -0.011 min
Response: 77889807
Conc: 1133.56 ng/ml



#13 AR-1232-3

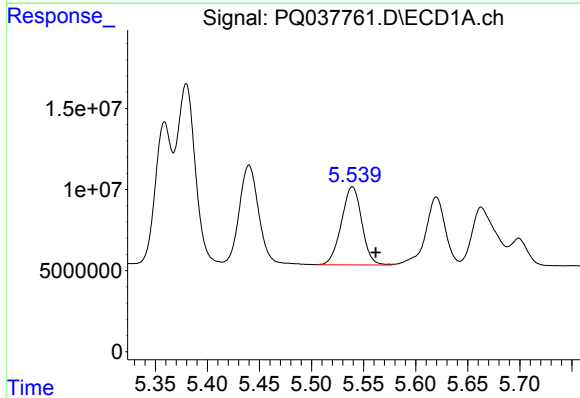
R.T.: 5.380 min
Delta R.T.: -0.021 min
Response: 136416162
Conc: 1092.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



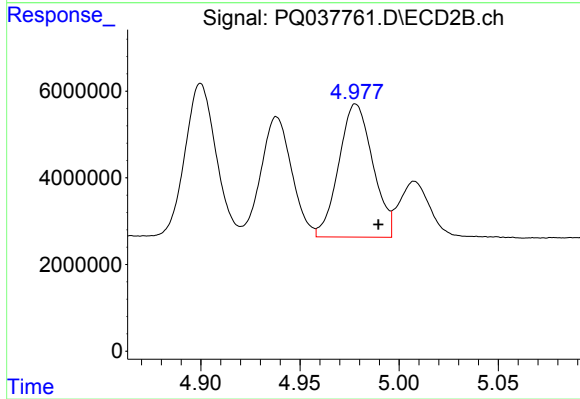
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.011 min
Response: 38074669
Conc: 1093.33 ng/ml



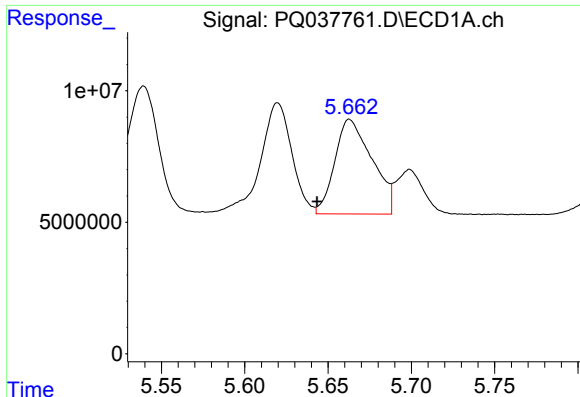
#14 AR-1232-4

R.T.: 5.539 min
Delta R.T.: -0.022 min
Response: 65635338
Conc: 1027.11 ng/ml



#14 AR-1232-4

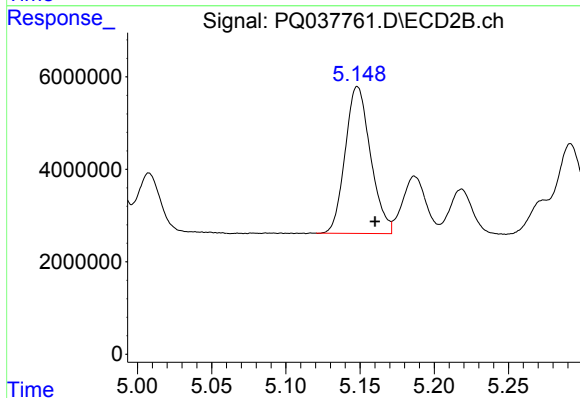
R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 36639637
Conc: 1242.62 ng/ml



#15 AR-1232-5

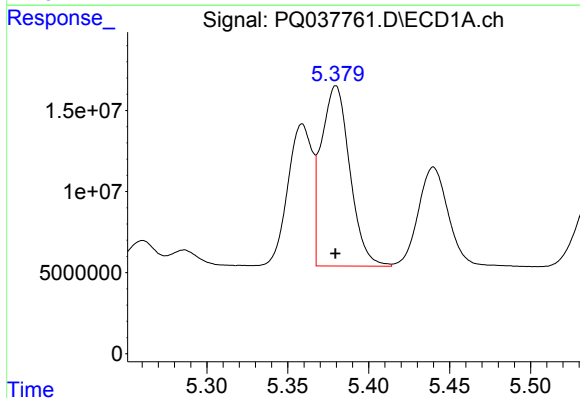
R.T.: 5.663 min
Delta R.T.: 0.020 min
Response: 55945332
Conc: 1226.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



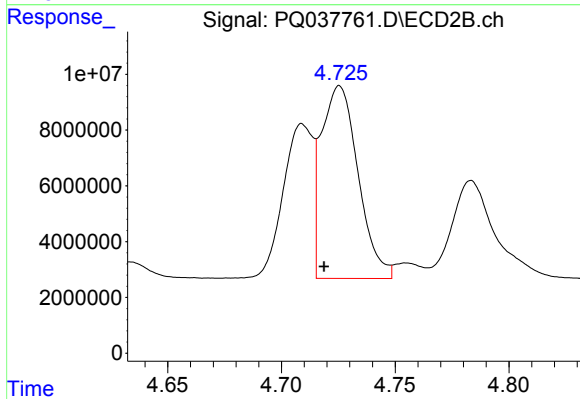
#15 AR-1232-5

R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 37802203
Conc: 1112.36 ng/ml



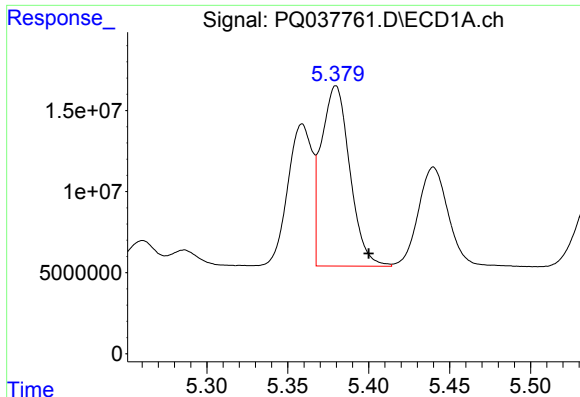
#16 AR-1242-1

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 136416162
Conc: 831.62 ng/ml



#16 AR-1242-1

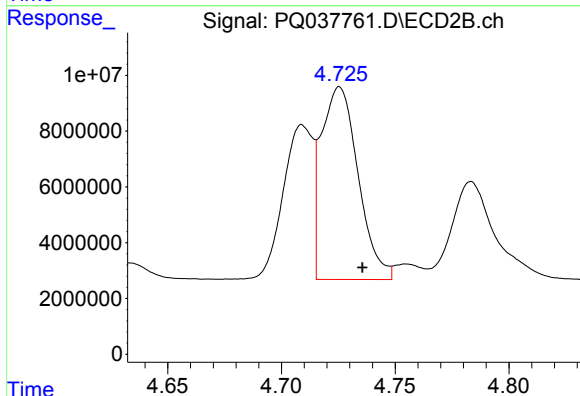
R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 77889807
Conc: 867.10 ng/ml



#17 AR-1242-2

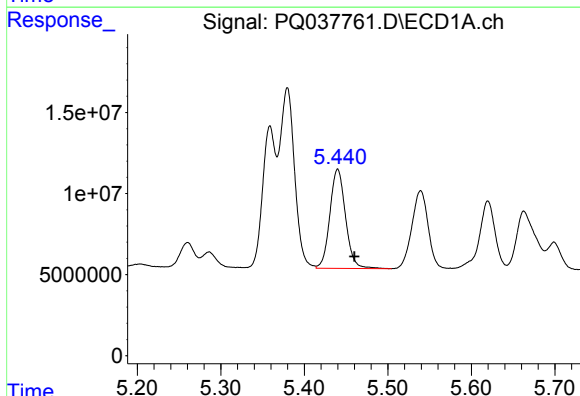
R.T.: 5.380 min
Delta R.T.: -0.020 min
Response: 136416162
Conc: 541.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



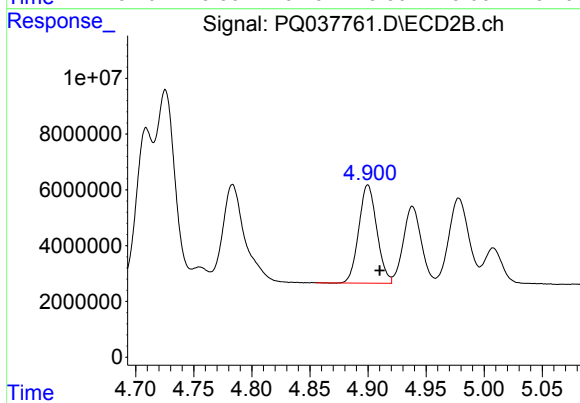
#17 AR-1242-2

R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 77889807
Conc: 571.19 ng/ml



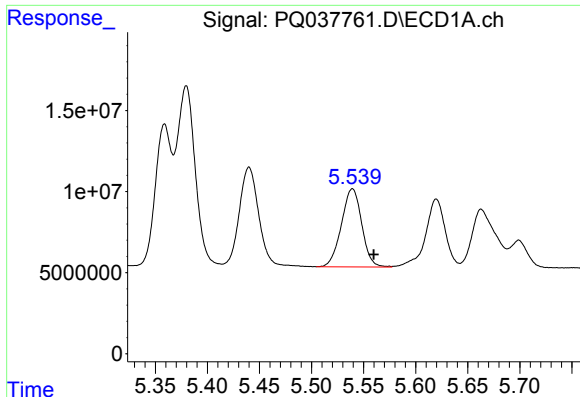
#18 AR-1242-3

R.T.: 5.440 min
Delta R.T.: -0.020 min
Response: 79534648
Conc: 525.81 ng/ml



#18 AR-1242-3

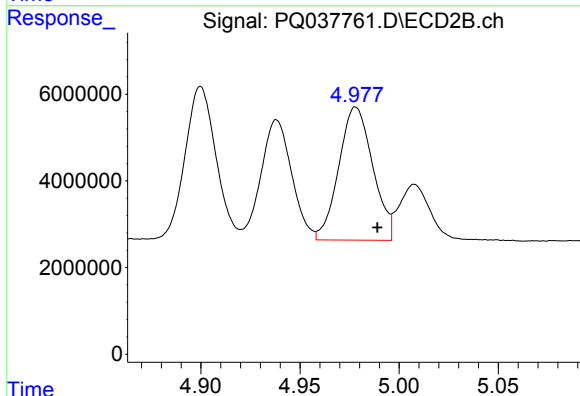
R.T.: 4.900 min
Delta R.T.: -0.010 min
Response: 38074669
Conc: 539.83 ng/ml



#19 AR-1242-4

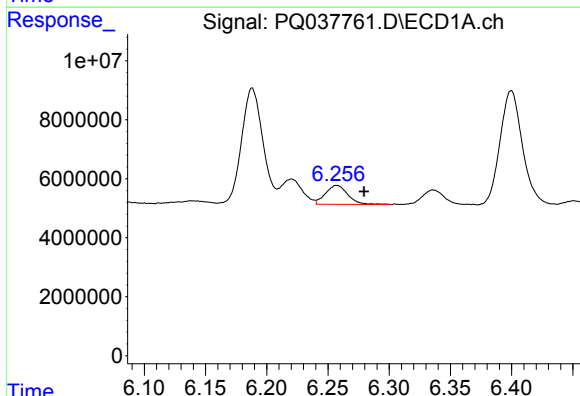
R.T.: 5.539 min
Delta R.T.: -0.021 min
Response: 65635338
Conc: 521.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



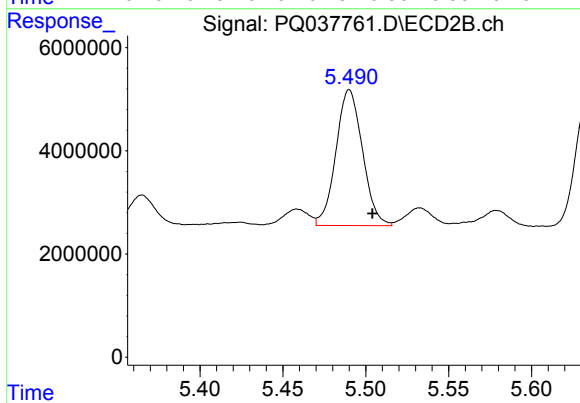
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 36639637
Conc: 533.99 ng/ml



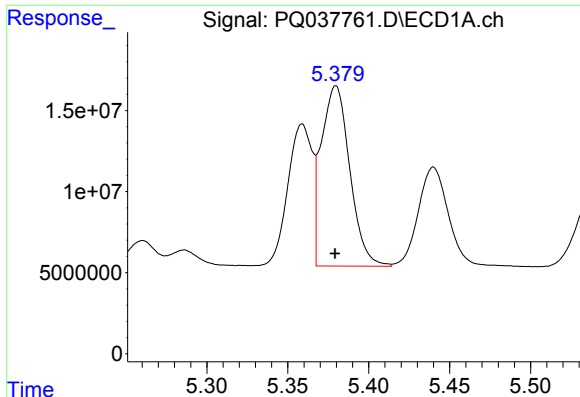
#20 AR-1242-5

R.T.: 6.257 min
Delta R.T.: -0.022 min
Response: 8197253
Conc: 59.07 ng/ml



#20 AR-1242-5

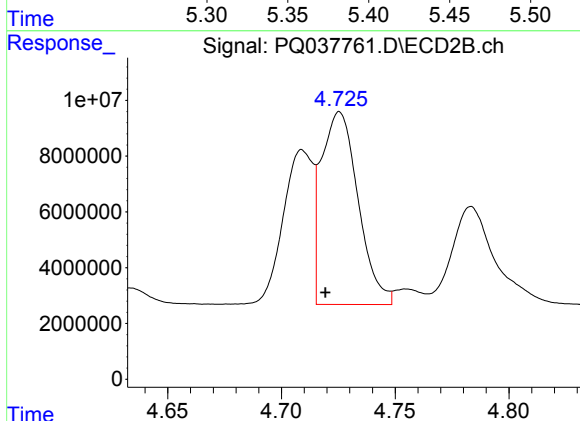
R.T.: 5.490 min
Delta R.T.: -0.014 min
Response: 29407102
Conc: 336.35 ng/ml



#21 AR-1248-1

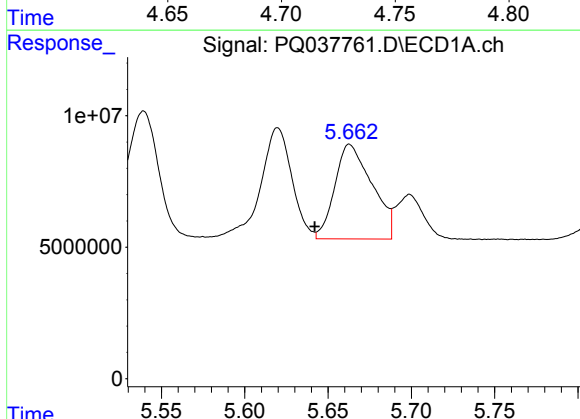
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 136416162
Conc: 1159.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



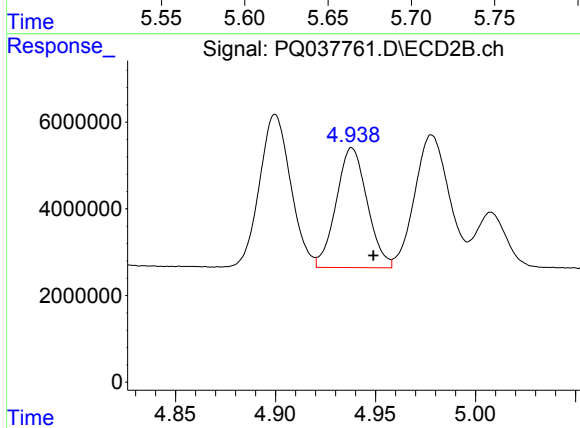
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 77889807
Conc: 1167.62 ng/ml



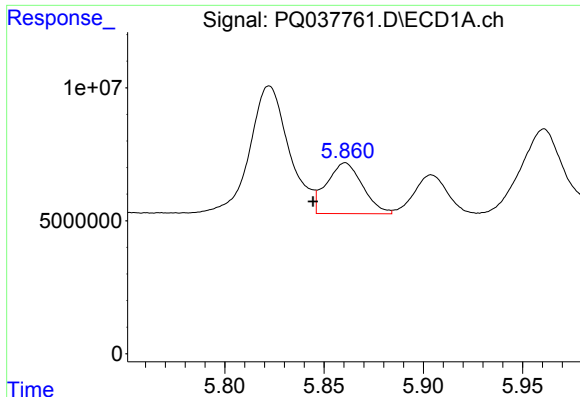
#22 AR-1248-2

R.T.: 5.663 min
Delta R.T.: 0.021 min
Response: 55945332
Conc: 326.10 ng/ml



#22 AR-1248-2

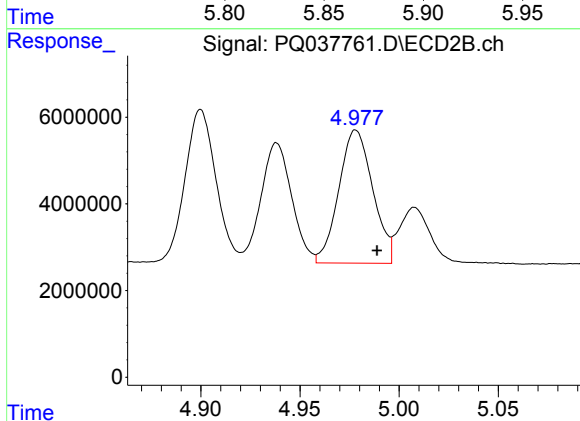
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 29822944
Conc: 329.89 ng/ml



#23 AR-1248-3

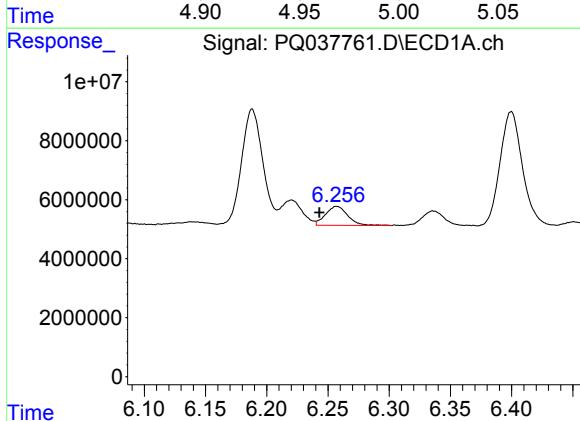
R.T.: 5.861 min
Delta R.T.: 0.016 min
Response: 24009593
Conc: 123.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



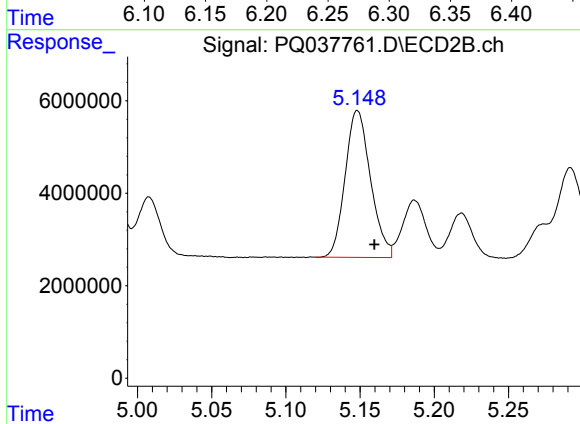
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 36639637
Conc: 396.99 ng/ml



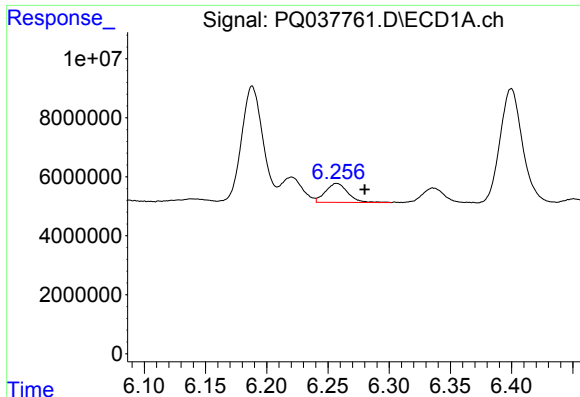
#24 AR-1248-4

R.T.: 6.257 min
Delta R.T.: 0.014 min
Response: 8197253
Conc: 36.05 ng/ml



#24 AR-1248-4

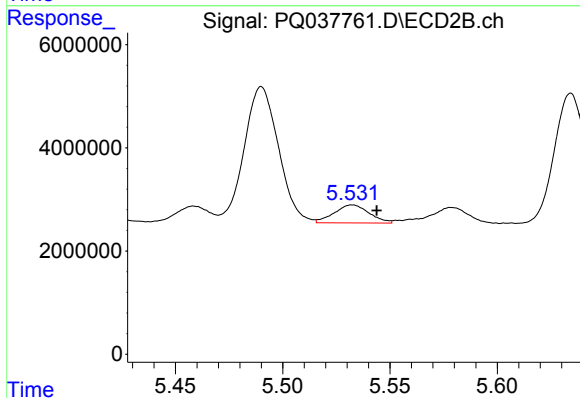
R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 37802203
Conc: 333.12 ng/ml



#25 AR-1248-5

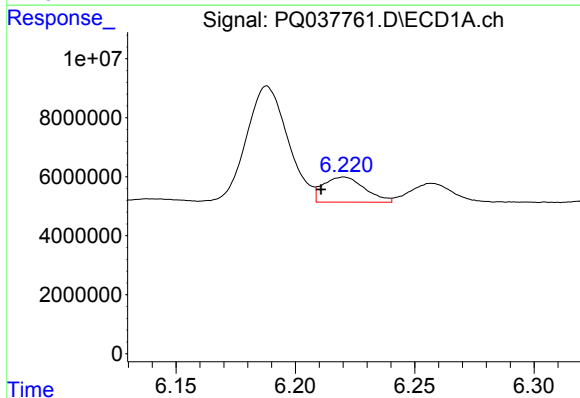
R.T.: 6.257 min
Delta R.T.: -0.023 min
Response: 8197253
Conc: 37.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



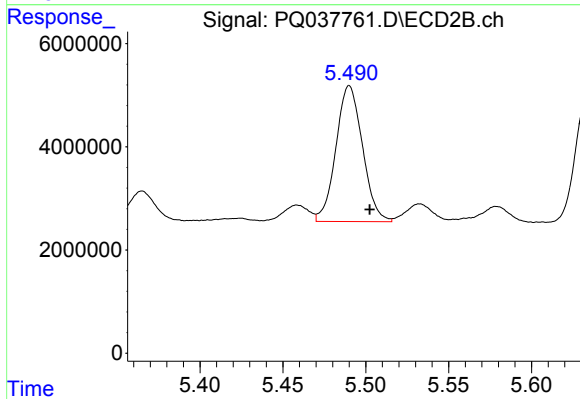
#25 AR-1248-5

R.T.: 5.532 min
Delta R.T.: -0.011 min
Response: 3989362
Conc: 36.34 ng/ml



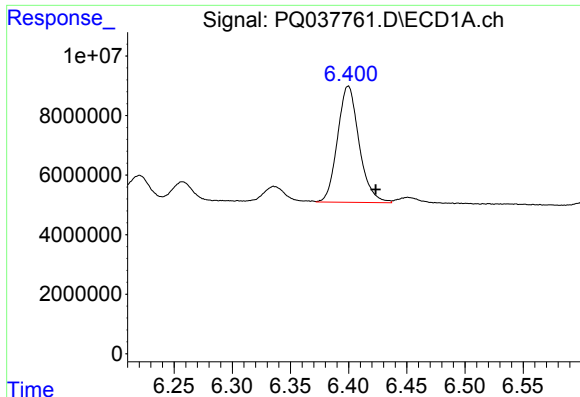
#26 AR-1254-1

R.T.: 6.220 min
Delta R.T.: 0.010 min
Response: 10340183
Conc: 48.82 ng/ml



#26 AR-1254-1

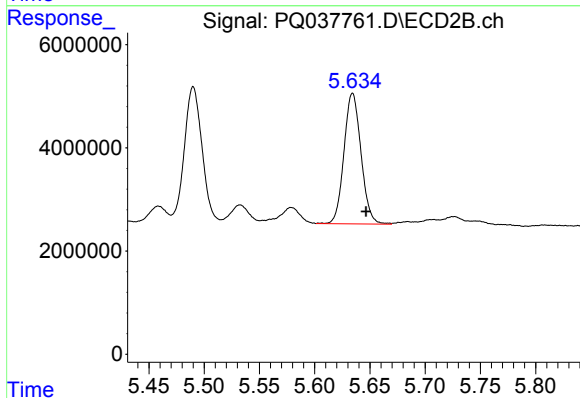
R.T.: 5.490 min
Delta R.T.: -0.012 min
Response: 29407102
Conc: 177.35 ng/ml



#27 AR-1254-2

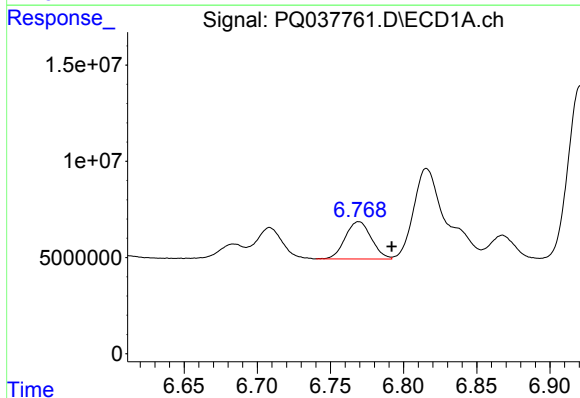
R.T.: 6.400 min
Delta R.T.: -0.023 min
Response: 50494330
Conc: 150.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



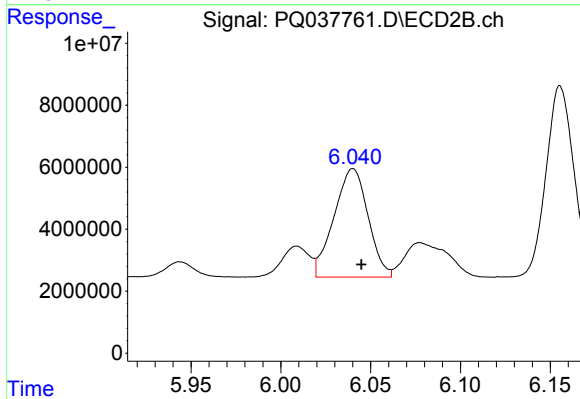
#27 AR-1254-2

R.T.: 5.634 min
Delta R.T.: -0.012 min
Response: 27174111
Conc: 190.81 ng/ml



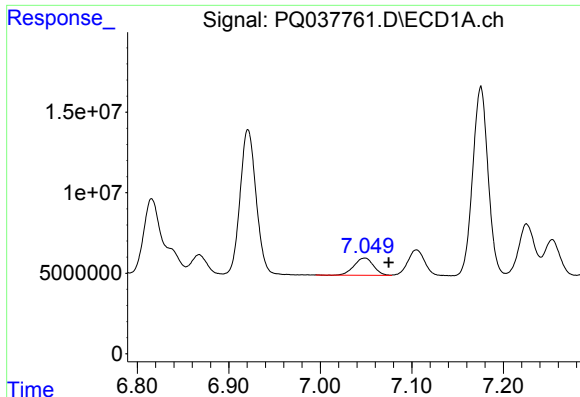
#28 AR-1254-3

R.T.: 6.769 min
Delta R.T.: -0.022 min
Response: 24035960
Conc: 69.26 ng/ml



#28 AR-1254-3

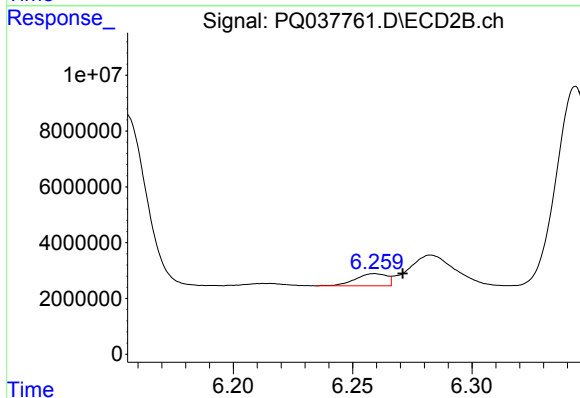
R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 46294784
Conc: 202.90 ng/ml



#29 AR-1254-4

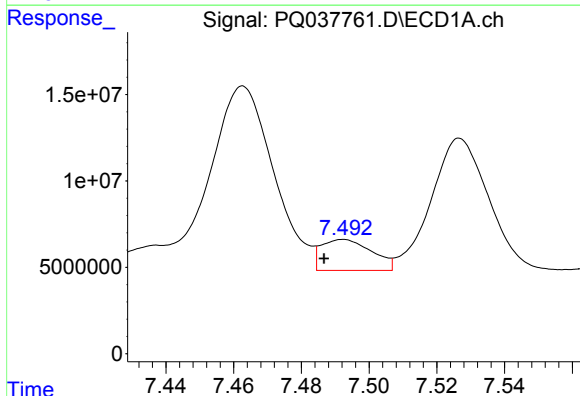
R.T.: 7.049 min
Delta R.T.: -0.026 min
Response: 15829520
Conc: 57.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



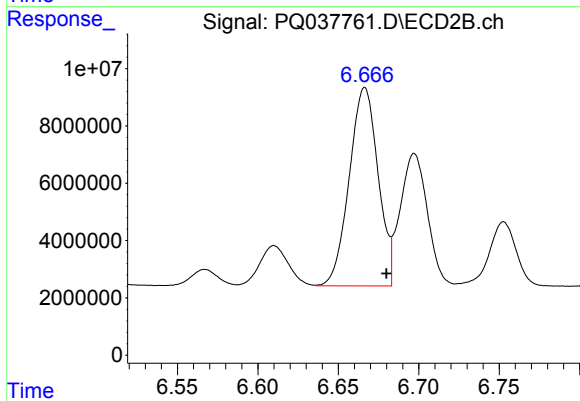
#29 AR-1254-4

R.T.: 6.259 min
Delta R.T.: -0.012 min
Response: 3983406
Conc: 23.19 ng/ml



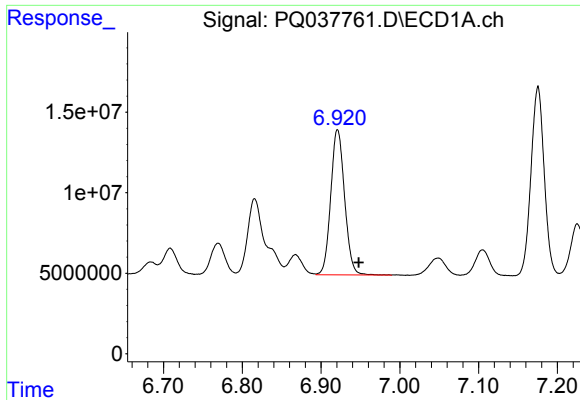
#30 AR-1254-5

R.T.: 7.492 min
Delta R.T.: 0.006 min
Response: 18588321
Conc: 67.26 ng/ml



#30 AR-1254-5

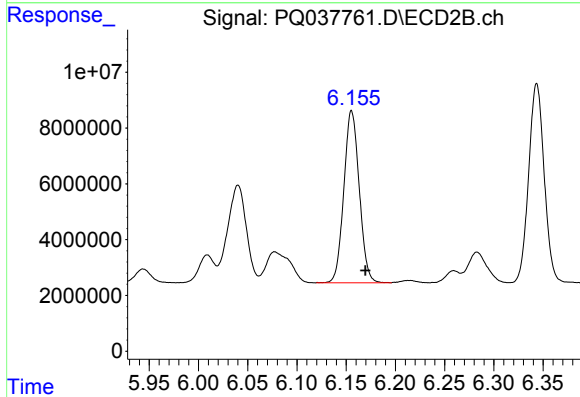
R.T.: 6.666 min
Delta R.T.: -0.013 min
Response: 86390021
Conc: 446.17 ng/ml



#31 AR-1260-1

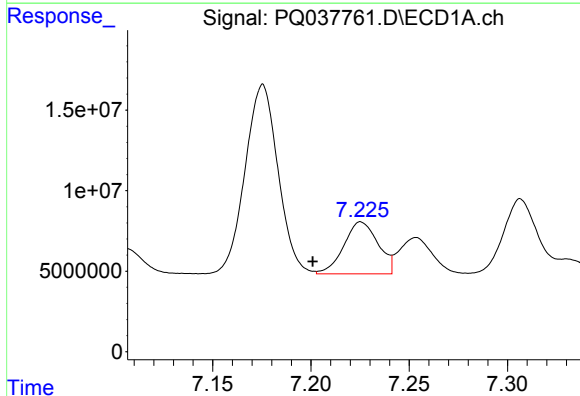
R.T.: 6.921 min
Delta R.T.: -0.027 min
Response: 109925875
Conc: 247.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



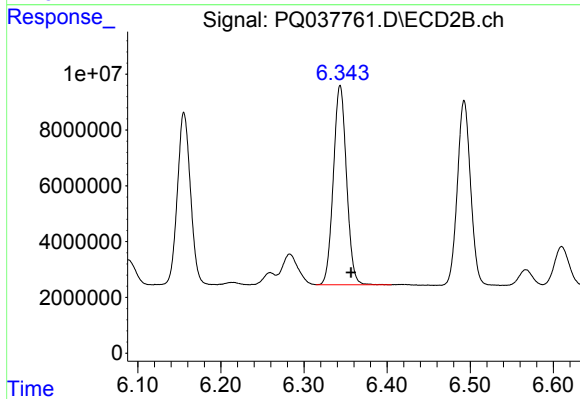
#31 AR-1260-1

R.T.: 6.156 min
Delta R.T.: -0.014 min
Response: 67314673
Conc: 265.51 ng/ml



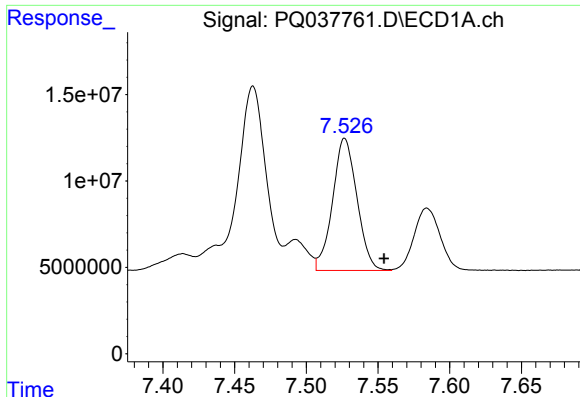
#32 AR-1260-2

R.T.: 7.225 min
Delta R.T.: 0.024 min
Response: 39200193
Conc: 67.80 ng/ml



#32 AR-1260-2

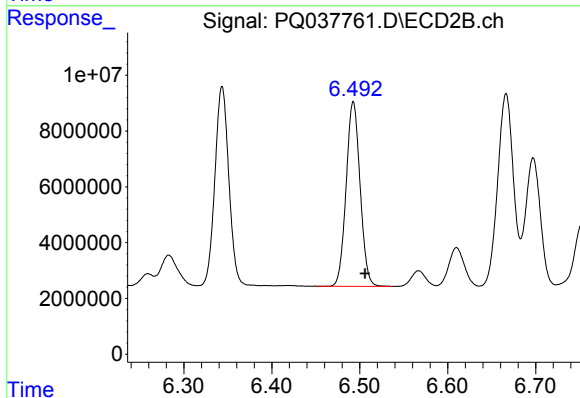
R.T.: 6.344 min
Delta R.T.: -0.013 min
Response: 78643145
Conc: 255.86 ng/ml



#33 AR-1260-3

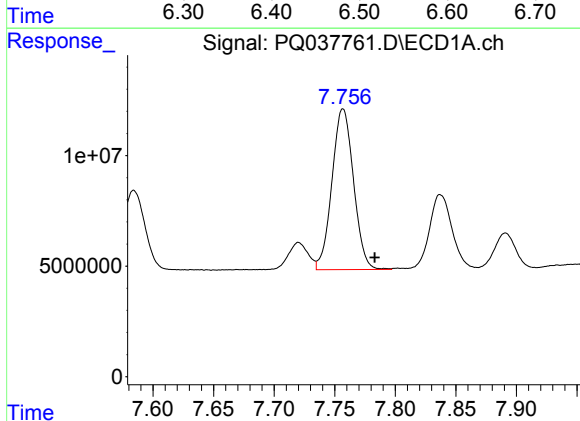
R.T.: 7.527 min
Delta R.T.: -0.027 min
Response: 90517969
Conc: 202.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



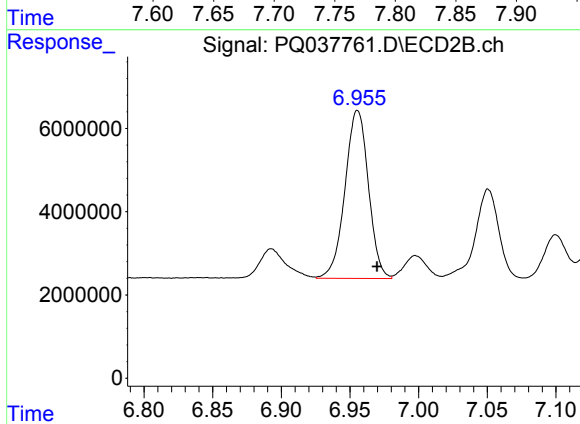
#33 AR-1260-3

R.T.: 6.493 min
Delta R.T.: -0.014 min
Response: 73046677
Conc: 257.23 ng/ml



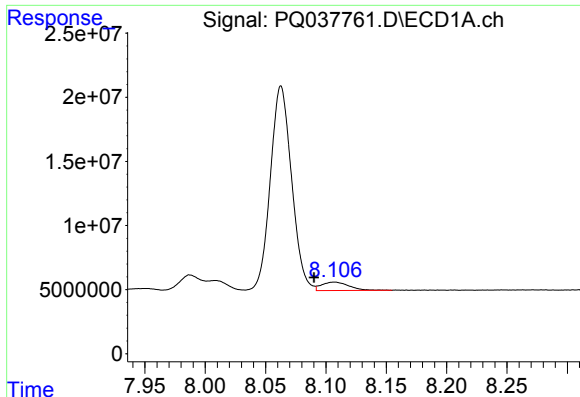
#34 AR-1260-4

R.T.: 7.757 min
Delta R.T.: -0.026 min
Response: 90169249
Conc: 205.87 ng/ml



#34 AR-1260-4

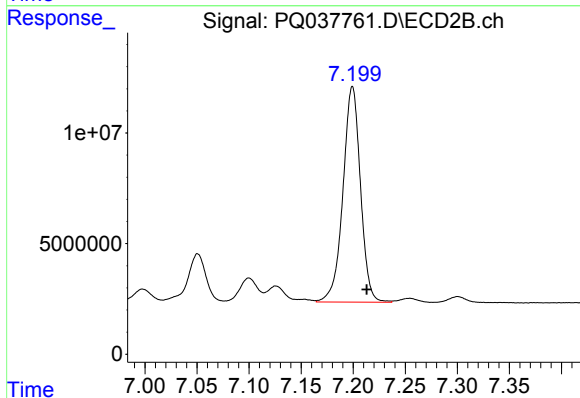
R.T.: 6.956 min
Delta R.T.: -0.014 min
Response: 48084097
Conc: 218.47 ng/ml



#35 AR-1260-5

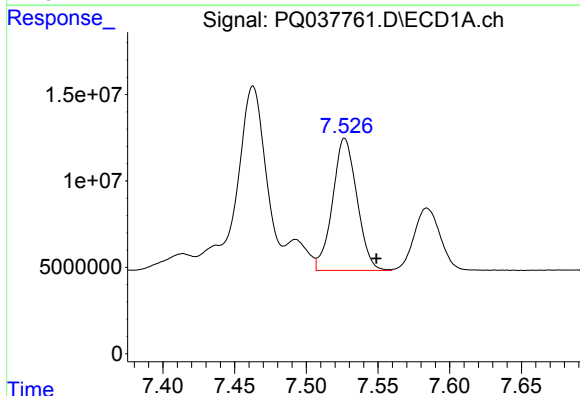
R.T.: 8.107 min
Delta R.T.: 0.017 min
Response: 10407603
Conc: 10.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



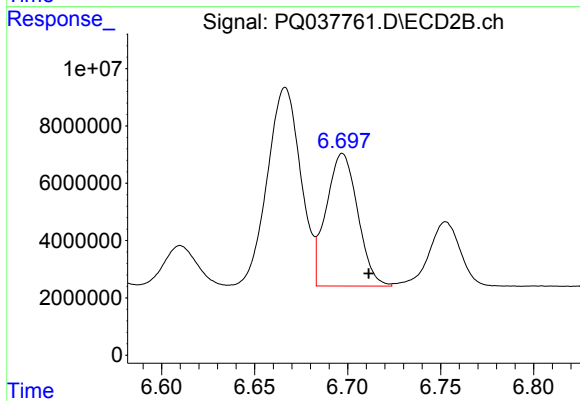
#35 AR-1260-5

R.T.: 7.199 min
Delta R.T.: -0.014 min
Response: 114225816
Conc: 216.34 ng/ml



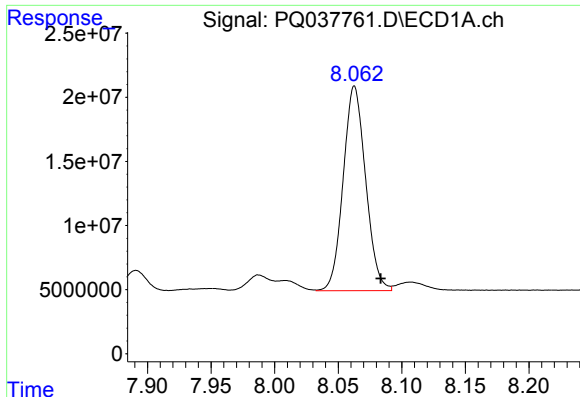
#36 AR-1262-1

R.T.: 7.527 min
Delta R.T.: -0.022 min
Response: 90517969
Conc: 226.62 ng/ml



#36 AR-1262-1

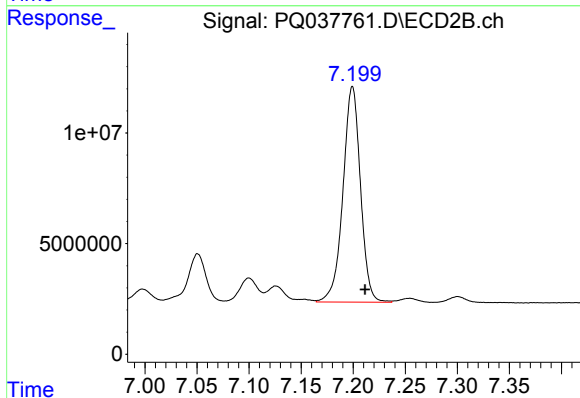
R.T.: 6.697 min
Delta R.T.: -0.014 min
Response: 54497803
Conc: 260.40 ng/ml



#37 AR-1262-2

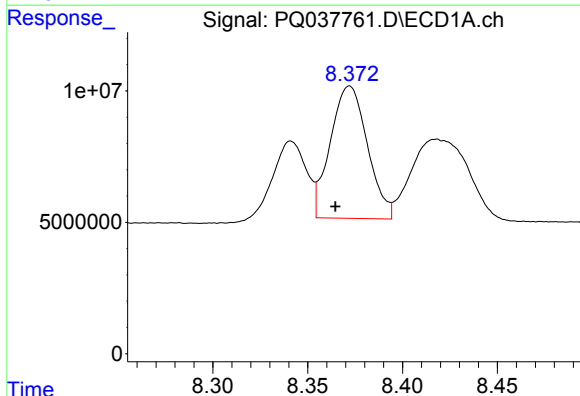
R.T.: 8.063 min
Delta R.T.: -0.021 min
Response: 195866828
Conc: 282.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



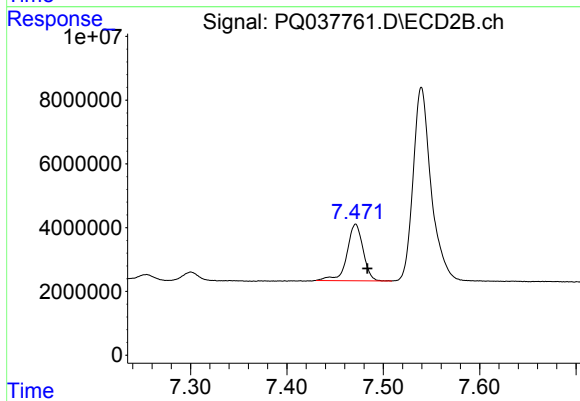
#37 AR-1262-2

R.T.: 7.199 min
Delta R.T.: -0.012 min
Response: 114225816
Conc: 308.34 ng/ml



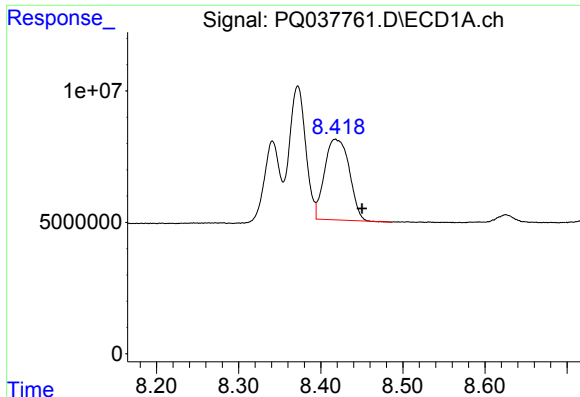
#38 AR-1262-3

R.T.: 8.372 min
Delta R.T.: 0.007 min
Response: 68660042
Conc: 229.31 ng/ml



#38 AR-1262-3

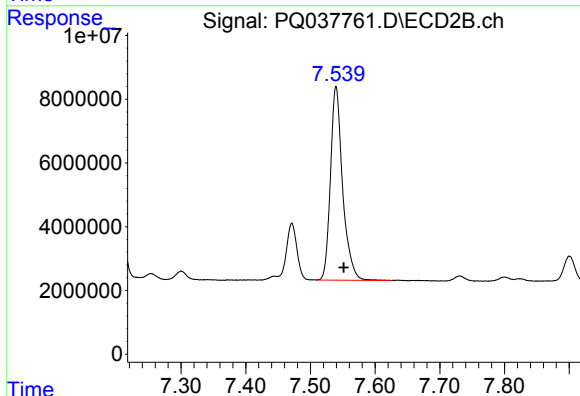
R.T.: 7.471 min
Delta R.T.: -0.012 min
Response: 20532586
Conc: 140.48 ng/ml



#39 AR-1262-4

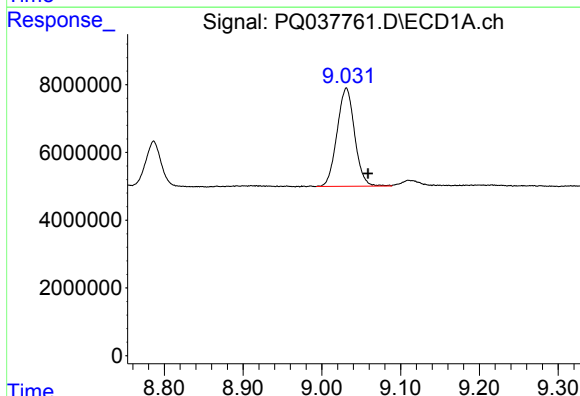
R.T.: 8.418 min
Delta R.T.: -0.033 min
Response: 64411738
Conc: 183.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



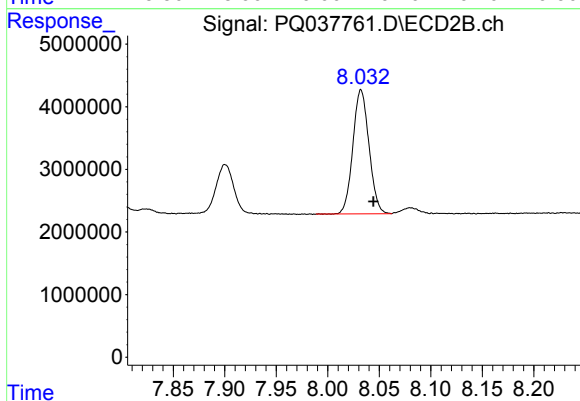
#39 AR-1262-4

R.T.: 7.540 min
Delta R.T.: -0.012 min
Response: 79248211
Conc: 297.16 ng/ml



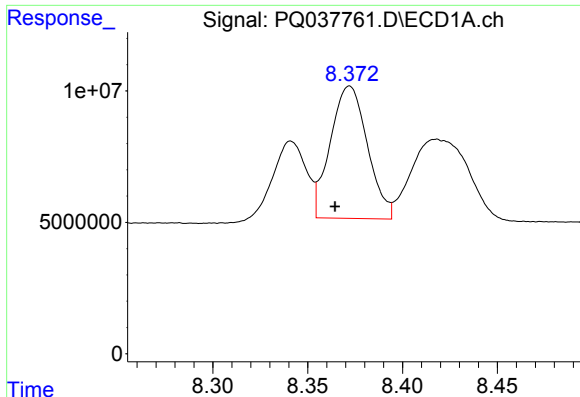
#40 AR-1262-5

R.T.: 9.031 min
Delta R.T.: -0.027 min
Response: 44981786
Conc: 188.61 ng/ml



#40 AR-1262-5

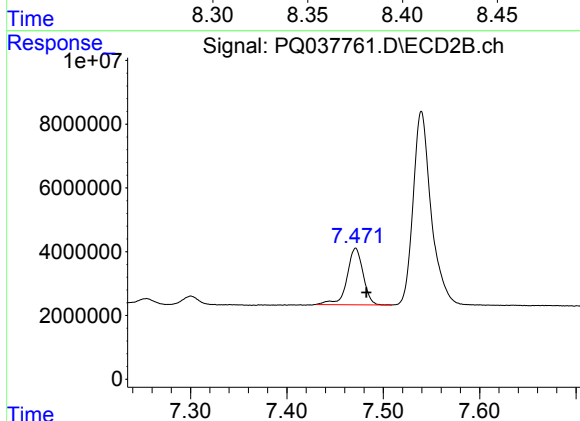
R.T.: 8.032 min
Delta R.T.: -0.012 min
Response: 21551924
Conc: 184.47 ng/ml



#41 AR-1268-1

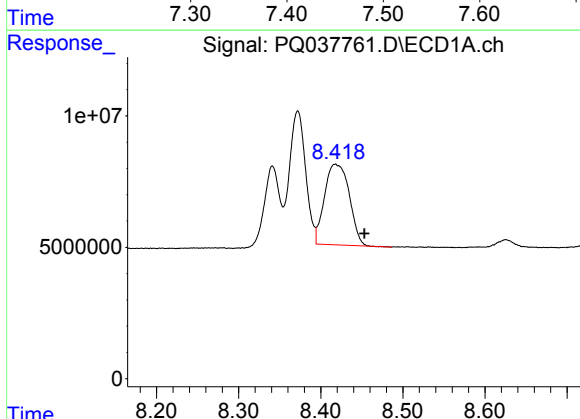
R.T.: 8.372 min
Delta R.T.: 0.008 min
Response: 68660042
Conc: 51.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



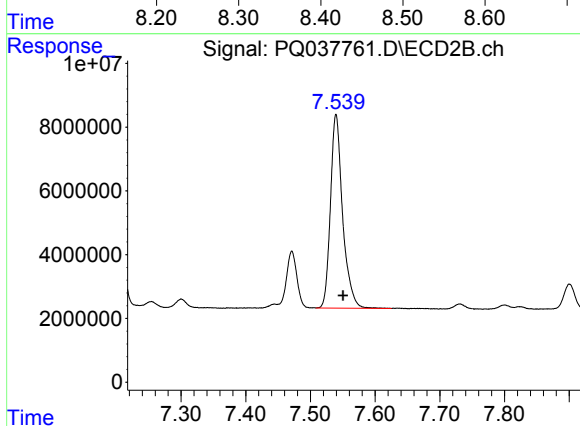
#41 AR-1268-1

R.T.: 7.471 min
Delta R.T.: -0.011 min
Response: 20532586
Conc: 31.35 ng/ml



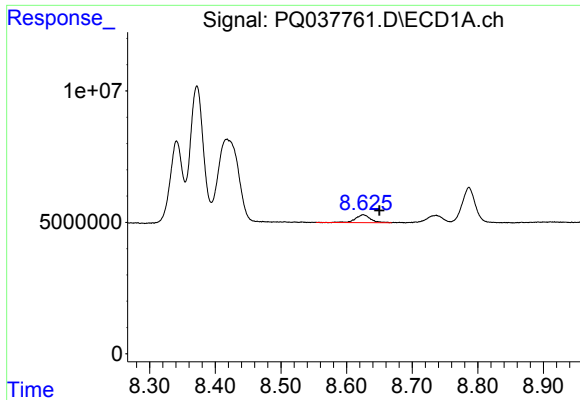
#42 AR-1268-2

R.T.: 8.418 min
Delta R.T.: -0.035 min
Response: 64411738
Conc: 52.29 ng/ml



#42 AR-1268-2

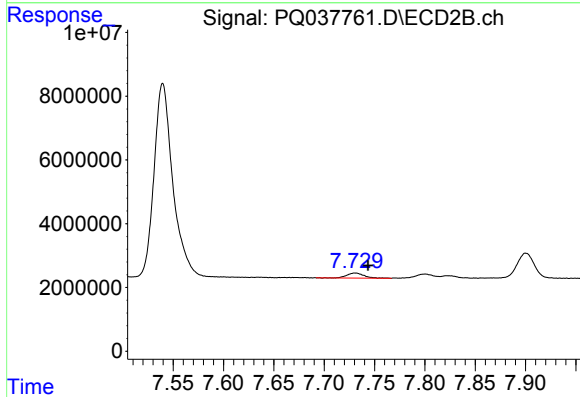
R.T.: 7.540 min
Delta R.T.: -0.011 min
Response: 79248211
Conc: 132.51 ng/ml



#43 AR-1268-3

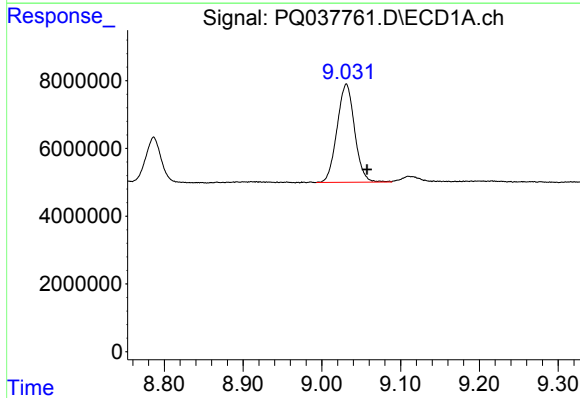
R.T.: 8.625 min
Delta R.T.: -0.025 min
Response: 4599679
Conc: 4.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



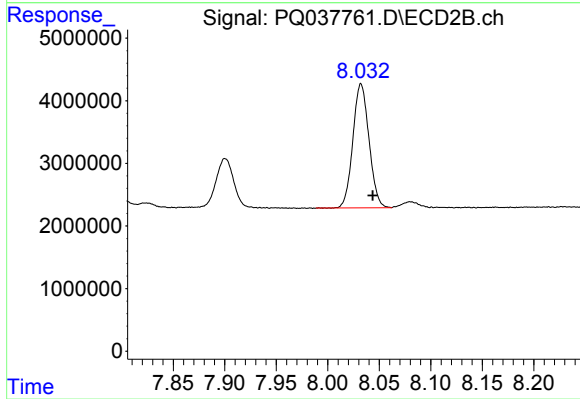
#43 AR-1268-3

R.T.: 7.731 min
Delta R.T.: -0.013 min
Response: 1883456
Conc: 3.78 ng/ml



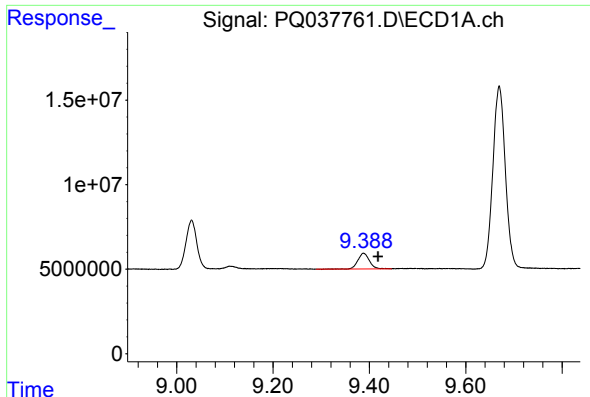
#44 AR-1268-4

R.T.: 9.031 min
Delta R.T.: -0.026 min
Response: 44981786
Conc: 112.78 ng/ml



#44 AR-1268-4

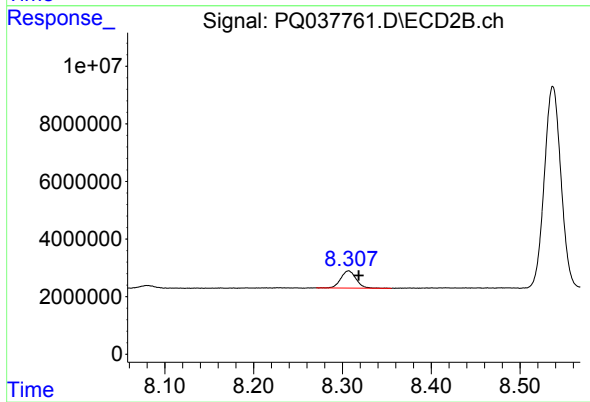
R.T.: 8.032 min
Delta R.T.: -0.011 min
Response: 21551924
Conc: 109.96 ng/ml



#45 AR-1268-5

R.T.: 9.388 min
Delta R.T.: -0.030 min
Response: 15542467
Conc: 4.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MSD



#45 AR-1268-5

R.T.: 8.307 min
Delta R.T.: -0.011 min
Response: 7175772
Conc: 4.66 ng/ml