

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030719\
 Data File : PQ037865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2019 12:54
 Operator : SM\SJ
 Sample : K1721-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF8B9MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 23:34:29 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...	4.210	3.651	140.7E6	75910738	24.741	28.820
2)	SA Decachlor...	9.650	8.529	167.9E6	75194757	33.235	32.411
Target Compounds							
3)	L1 AR-1016-1	5.371	4.723	128.3E6	70569606	444.055	457.412
4)	L1 AR-1016-2	5.371	4.723	128.3E6	70569606	287.197	293.985
5)	L1 AR-1016-3	5.432	4.897	74501510	34867931	283.454	286.347
6)	L1 AR-1016-4	5.532	4.935	61348606	27160725	279.044	290.818
7)	L1 AR-1016-5	5.852	5.145	22509228	34166795	104.716	272.775 #
8)	L2 AR-1221-1	4.416	3.855	6933343	4522780	110.649	132.921
9)	L2 AR-1221-2	4.507	3.942	9263747	5127430	210.367	213.781
10)	L2 AR-1221-3	4.582	4.015	42960249	23278333	279.493	275.267
11)	L3 AR-1232-1	4.582	4.015	42960249	23278333	376.441	376.049
12)	L3 AR-1232-2	5.148	4.723	5528979	70569606	94.573	1027.024 #
13)	L3 AR-1232-3	5.371	4.897	128.3E6	34867931	1027.450	1001.250
14)	L3 AR-1232-4	5.532	4.975	61348606	33197342	960.024	1125.880
15)	L3 AR-1232-5	5.655	5.145	52256437	34166795	1145.796	1005.383
16)	L4 AR-1242-1	5.371	4.723	128.3E6	70569606	782.404	785.613
17)	L4 AR-1242-2	5.371	4.723	128.3E6	70569606	509.201	517.509
18)	L4 AR-1242-3	5.432	4.897	74501510	34867931	492.533	494.360
19)	L4 AR-1242-4	5.532	4.975	61348606	33197342	487.370	483.825
20)	L4 AR-1242-5	6.248	5.487	7272846	26262378	52.407	300.384 #
21)	L5 AR-1248-1	5.371	4.723	128.3E6	70569606	1090.484	1057.884
22)	L5 AR-1248-2	5.655	4.935	52256437	27160725	304.598	300.445
23)	L5 AR-1248-3	5.852	4.975	22509228	33197342	115.859	359.694 #
24)	L5 AR-1248-4	6.248	5.145	7272846	34166795	31.987	301.083 #
25)	L5 AR-1248-5	6.248	5.529	7272846	3706412	33.676	33.759
26)	L6 AR-1254-1	6.211	5.487	8729462	26262378	41.217	158.386 #
27)	L6 AR-1254-2	6.442	5.631	2924212	24673197	8.720	173.251 #
28)	L6 AR-1254-3	6.805	6.037	64705620	40351933	186.440	176.857
29)	L6 AR-1254-4	7.094	6.279	18155455	12608040	65.602	73.414
30)	L6 AR-1254-5	7.481	6.693	16365366	47664487	59.213	246.166 #
31)	L7 AR-1260-1	6.911	6.152	96535105	58510690	217.264	230.781
32)	L7 AR-1260-2	7.215	6.339	33581471	68427600	58.080	222.622 #
33)	L7 AR-1260-3	7.574	6.489	39519514	63079319	88.461	222.128 #
34)	L7 AR-1260-4	7.745	6.950	79435549	41900291	181.362	190.376
35)	L7 AR-1260-5	8.094	7.194	9960948	100.6E6	9.938	190.570 #
36)	L8 AR-1262-1	7.574	6.693	39519514	47664487	98.940	227.752 #
37)	L8 AR-1262-2	8.094	7.194	9960948	100.6E6	14.379	271.606 #
38)	L8 AR-1262-3	8.359	7.466	33993370	17302947	113.529	118.383
39)	L8 AR-1262-4	8.407	7.534	42101461	70270455	119.820	263.500 #
40)	L8 AR-1262-5	9.098	8.026	3098601	19161857	12.993	164.015 #
41)	L9 AR-1268-1	8.359	7.466	33993370	17302947	25.357	26.415

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 Acq On : 07 Mar 2019 12:54
 Operator : SM\SJ
 Sample : K1721-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

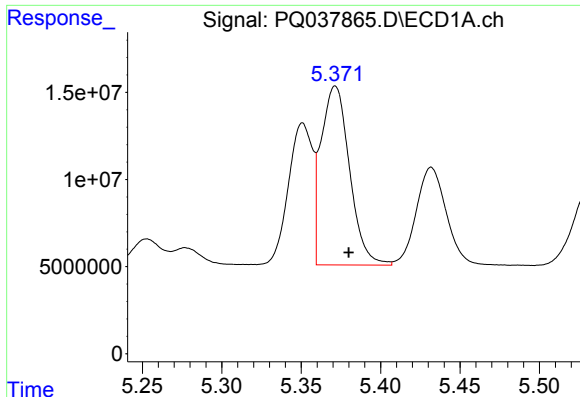
Instrument :
 ECD_Q
 ClientSampleId :
 BF8B9MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 23:34:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
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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	8.407	7.534	42101461	70270455	34.177	117.500 #
43) L9	AR-1268-3	8.610	7.725	3456632	1719288	3.155	3.453
44) L9	AR-1268-4	9.098	8.026	3098601	19161857	7.769	97.764 #
45) L9	AR-1268-5	9.372	8.298	13879820	6564991	4.270	4.266

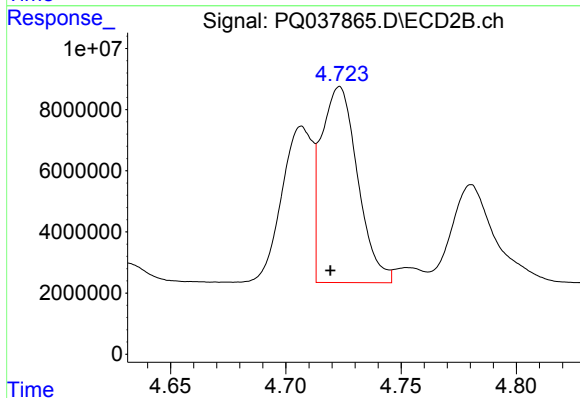
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

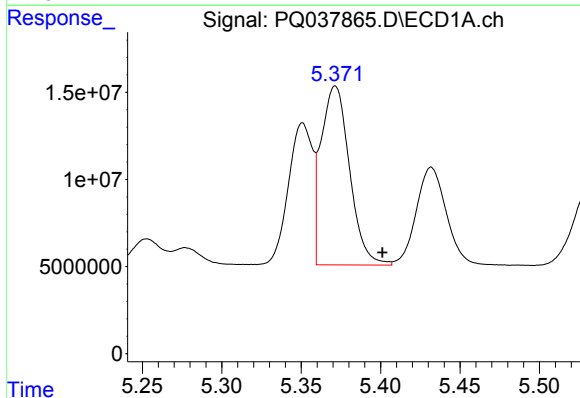
R.T.: 5.371 min
Delta R.T.: -0.008 min
Response: 128343019
Conc: 444.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



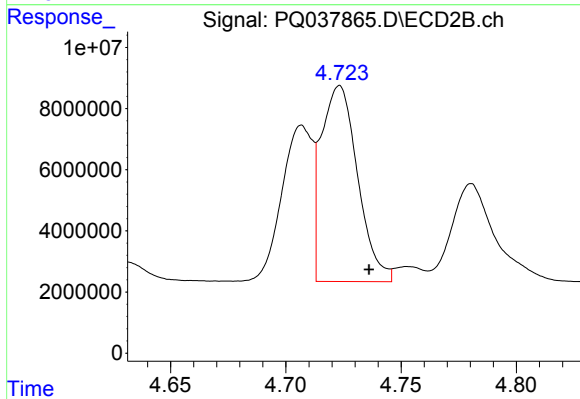
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.004 min
Response: 70569606
Conc: 457.41 ng/ml



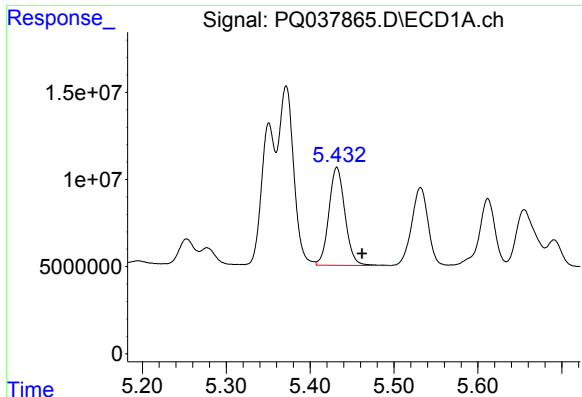
#4 AR-1016-2

R.T.: 5.371 min
Delta R.T.: -0.030 min
Response: 128343019
Conc: 287.20 ng/ml



#4 AR-1016-2

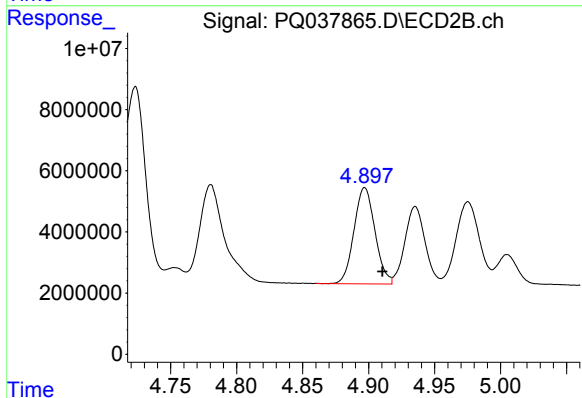
R.T.: 4.723 min
Delta R.T.: -0.013 min
Response: 70569606
Conc: 293.99 ng/ml



#5 AR-1016-3

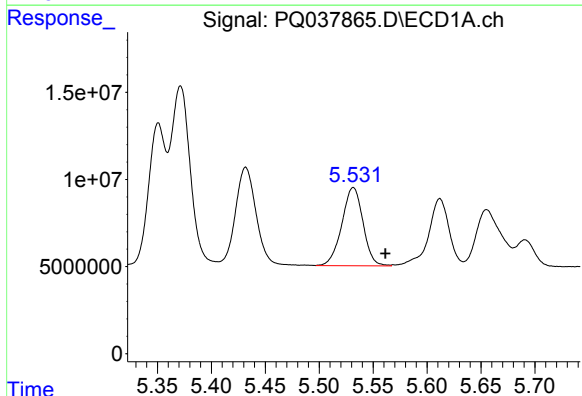
R.T.: 5.432 min
Delta R.T.: -0.030 min
Response: 74501510
Conc: 283.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



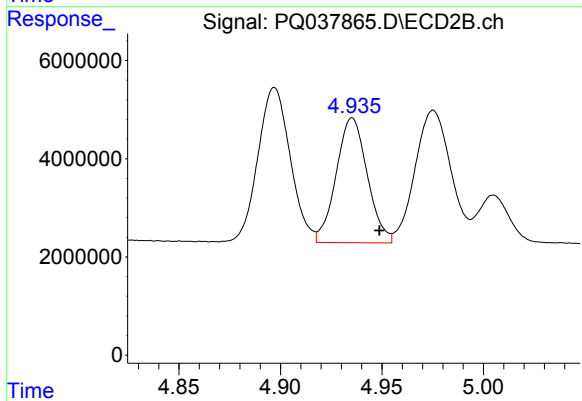
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: -0.013 min
Response: 34867931
Conc: 286.35 ng/ml



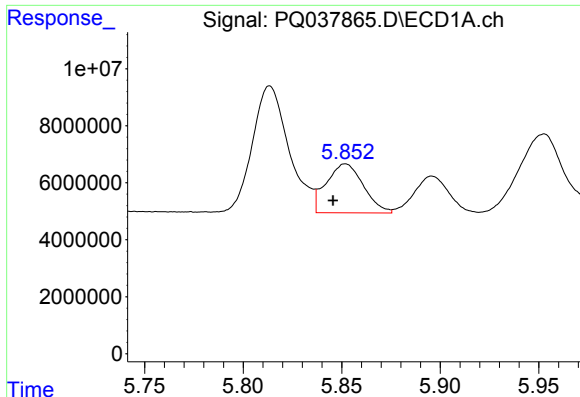
#6 AR-1016-4

R.T.: 5.532 min
Delta R.T.: -0.030 min
Response: 61348606
Conc: 279.04 ng/ml



#6 AR-1016-4

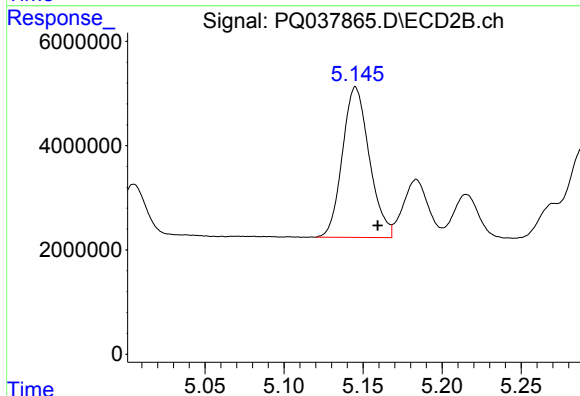
R.T.: 4.935 min
Delta R.T.: -0.013 min
Response: 27160725
Conc: 290.82 ng/ml



#7 AR-1016-5

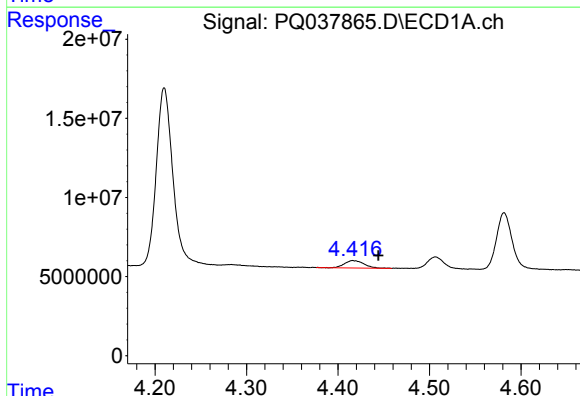
R.T.: 5.852 min
Delta R.T.: 0.006 min
Response: 22509228
Conc: 104.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



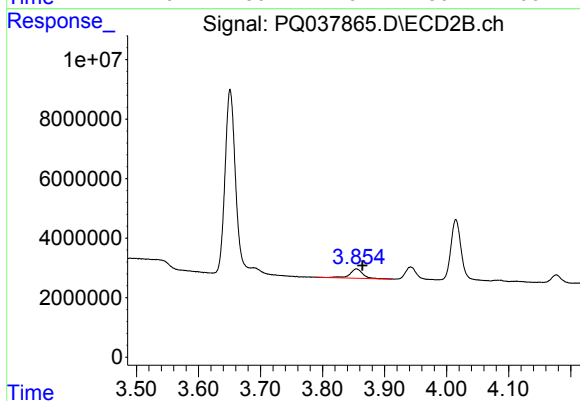
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 34166795
Conc: 272.77 ng/ml



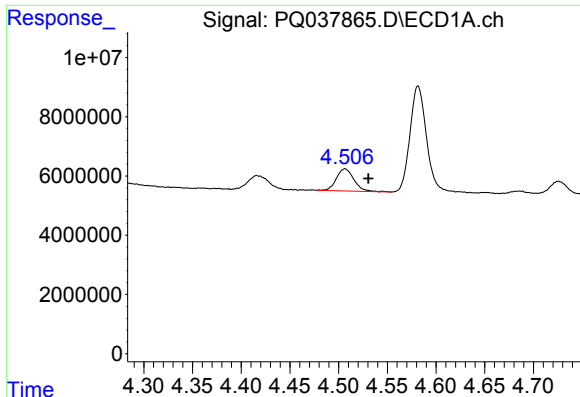
#8 AR-1221-1

R.T.: 4.416 min
Delta R.T.: -0.028 min
Response: 6933343
Conc: 110.65 ng/ml



#8 AR-1221-1

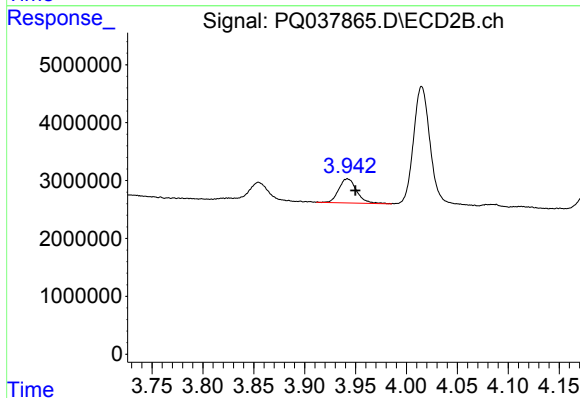
R.T.: 3.855 min
Delta R.T.: -0.010 min
Response: 4522780
Conc: 132.92 ng/ml



#9 AR-1221-2

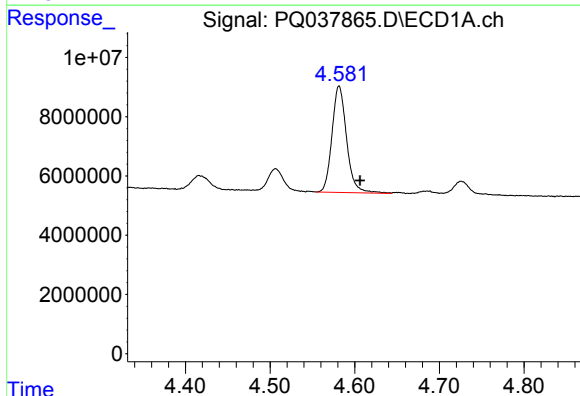
R.T.: 4.507 min
Delta R.T.: -0.024 min
Response: 9263747
Conc: 210.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



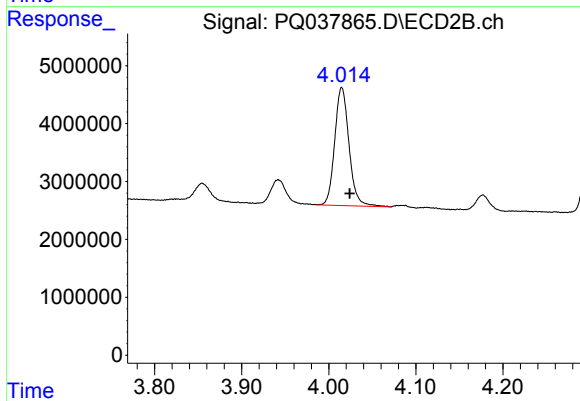
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: -0.008 min
Response: 5127430
Conc: 213.78 ng/ml



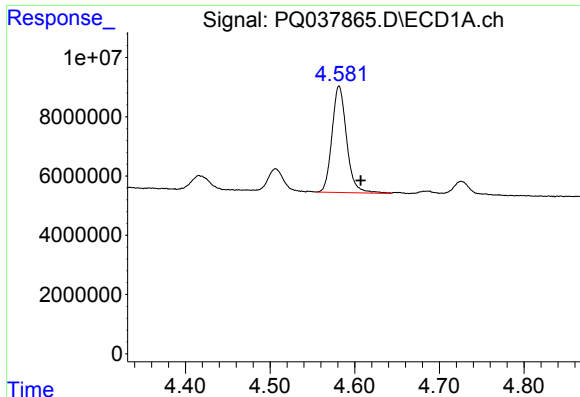
#10 AR-1221-3

R.T.: 4.582 min
Delta R.T.: -0.025 min
Response: 42960249
Conc: 279.49 ng/ml



#10 AR-1221-3

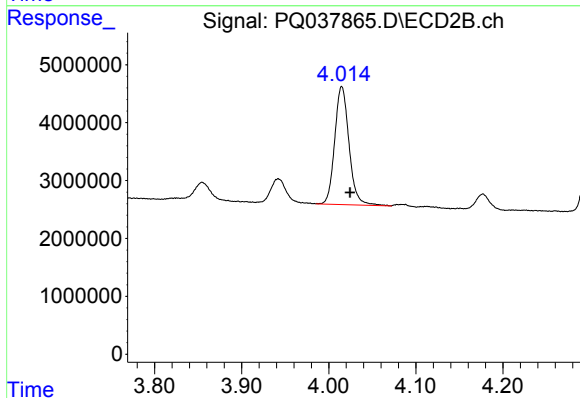
R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 23278333
Conc: 275.27 ng/ml



#11 AR-1232-1

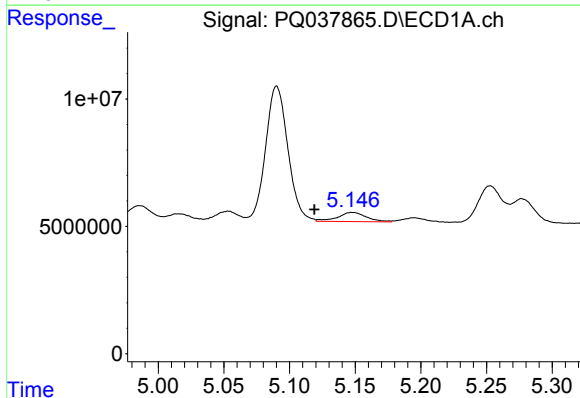
R.T.: 4.582 min
Delta R.T.: -0.025 min
Response: 42960249
Conc: 376.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



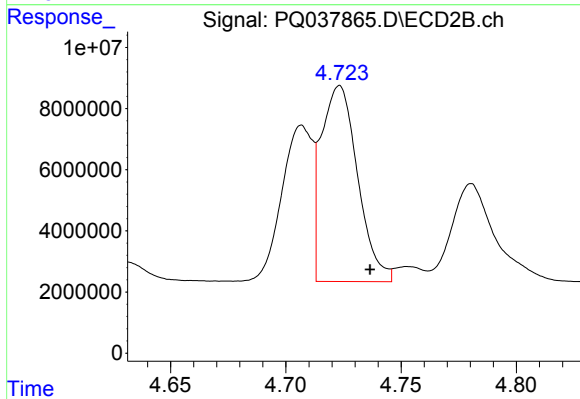
#11 AR-1232-1

R.T.: 4.015 min
Delta R.T.: -0.010 min
Response: 23278333
Conc: 376.05 ng/ml



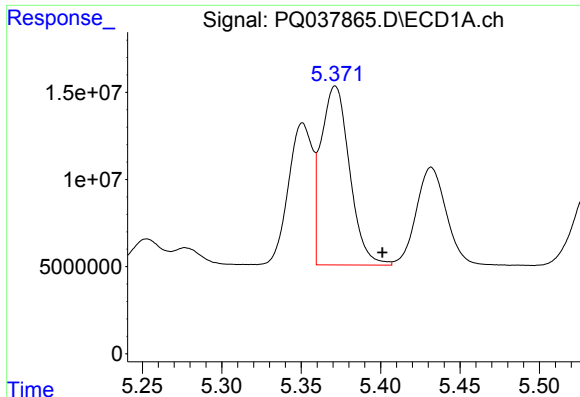
#12 AR-1232-2

R.T.: 5.148 min
Delta R.T.: 0.029 min
Response: 5528979
Conc: 94.57 ng/ml



#12 AR-1232-2

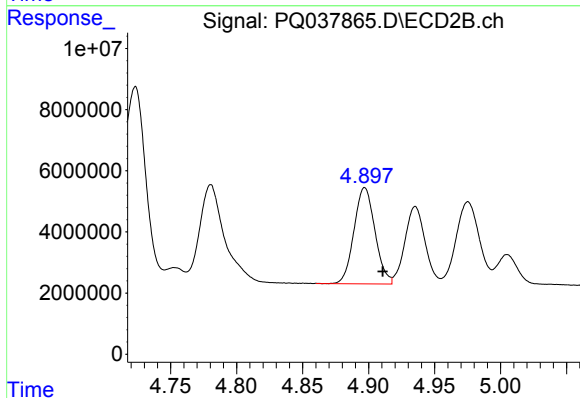
R.T.: 4.723 min
Delta R.T.: -0.013 min
Response: 70569606
Conc: 1027.02 ng/ml



#13 AR-1232-3

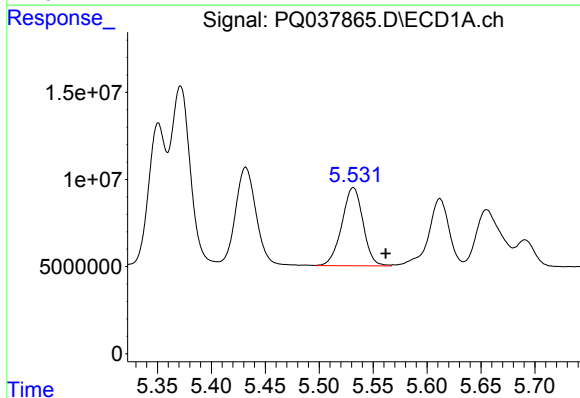
R.T.: 5.371 min
Delta R.T.: -0.030 min
Response: 128343019
Conc: 1027.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



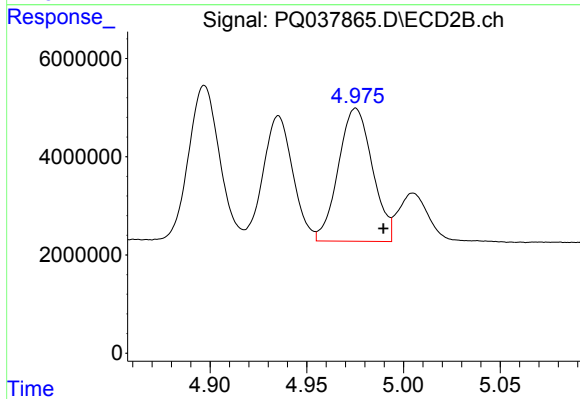
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: -0.014 min
Response: 34867931
Conc: 1001.25 ng/ml



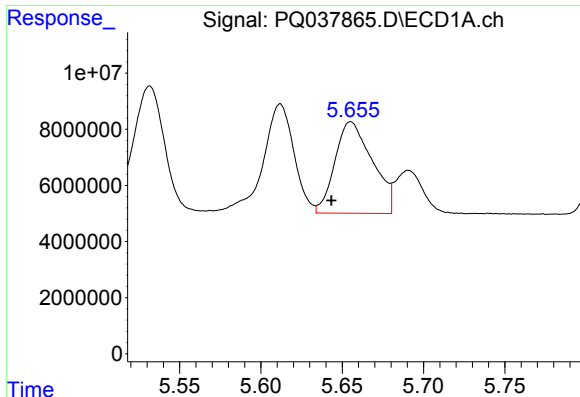
#14 AR-1232-4

R.T.: 5.532 min
Delta R.T.: -0.030 min
Response: 61348606
Conc: 960.02 ng/ml



#14 AR-1232-4

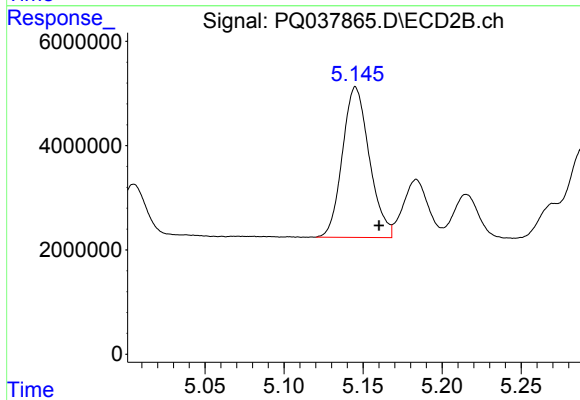
R.T.: 4.975 min
Delta R.T.: -0.014 min
Response: 33197342
Conc: 1125.88 ng/ml



#15 AR-1232-5

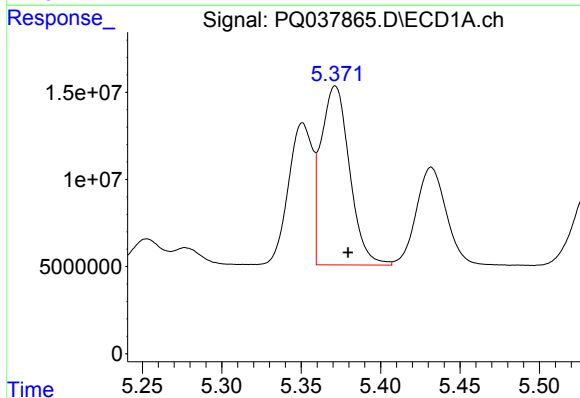
R.T.: 5.655 min
Delta R.T.: 0.012 min
Response: 52256437
Conc: 1145.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



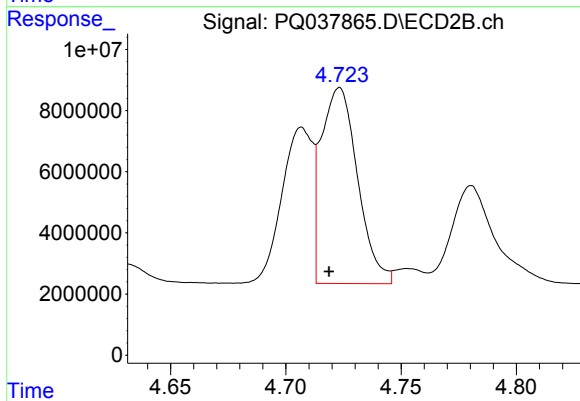
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 34166795
Conc: 1005.38 ng/ml



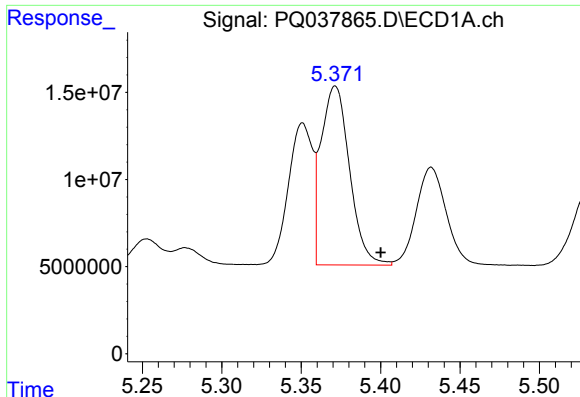
#16 AR-1242-1

R.T.: 5.371 min
Delta R.T.: -0.008 min
Response: 128343019
Conc: 782.40 ng/ml



#16 AR-1242-1

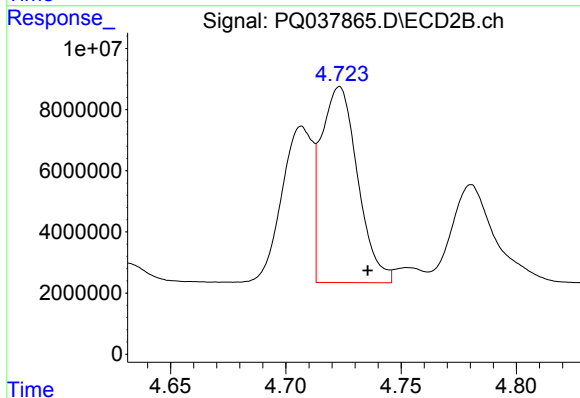
R.T.: 4.723 min
Delta R.T.: 0.004 min
Response: 70569606
Conc: 785.61 ng/ml



#17 AR-1242-2

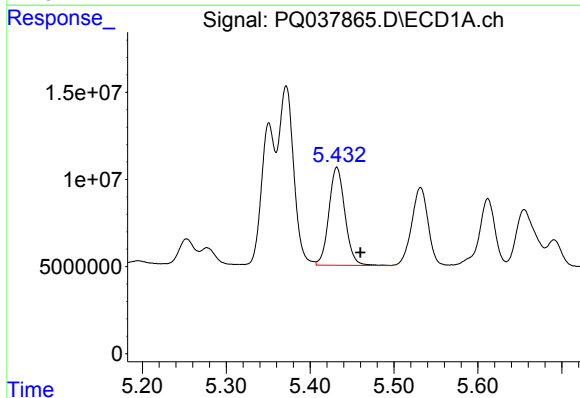
R.T.: 5.371 min
Delta R.T.: -0.029 min
Response: 128343019
Conc: 509.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



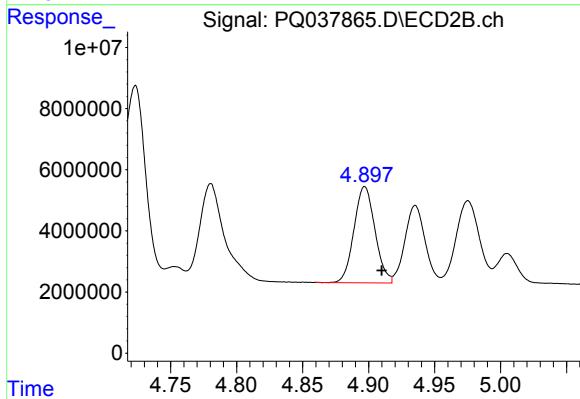
#17 AR-1242-2

R.T.: 4.723 min
Delta R.T.: -0.012 min
Response: 70569606
Conc: 517.51 ng/ml



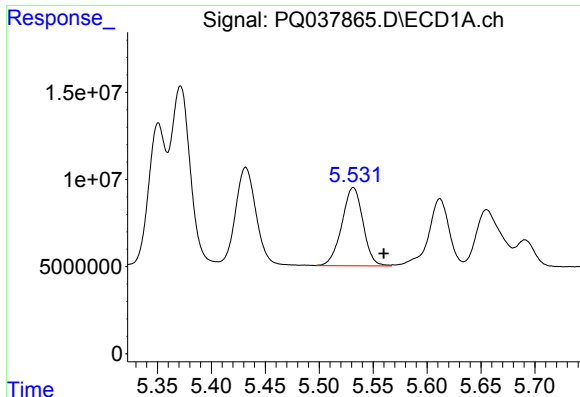
#18 AR-1242-3

R.T.: 5.432 min
Delta R.T.: -0.028 min
Response: 74501510
Conc: 492.53 ng/ml



#18 AR-1242-3

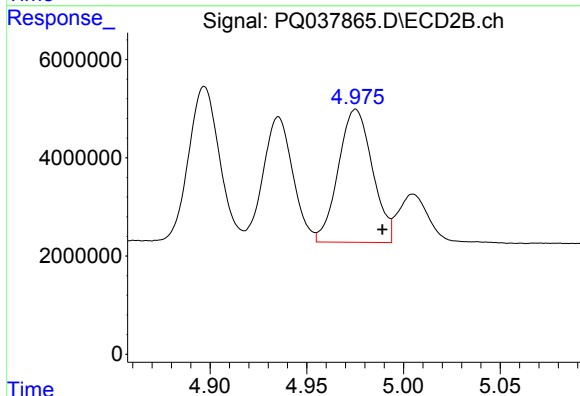
R.T.: 4.897 min
Delta R.T.: -0.013 min
Response: 34867931
Conc: 494.36 ng/ml



#19 AR-1242-4

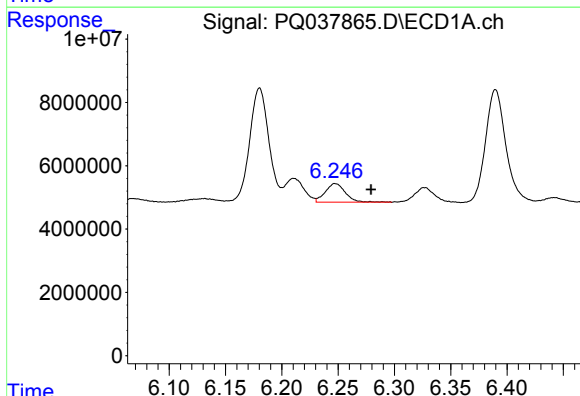
R.T.: 5.532 min
Delta R.T.: -0.028 min
Response: 61348606
Conc: 487.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



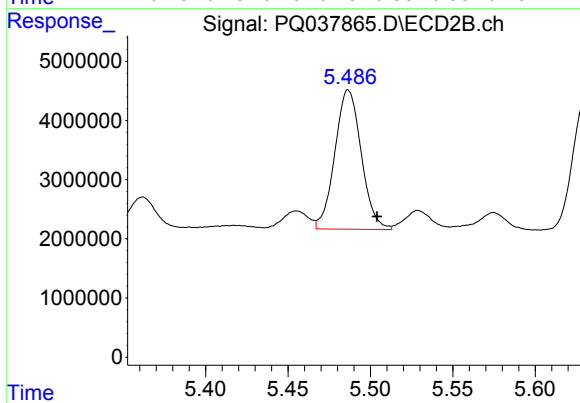
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.014 min
Response: 33197342
Conc: 483.83 ng/ml



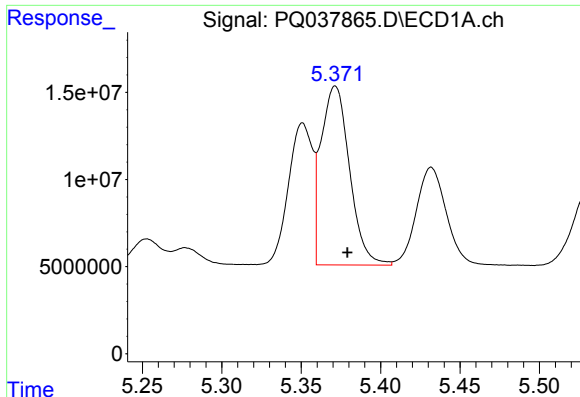
#20 AR-1242-5

R.T.: 6.248 min
Delta R.T.: -0.032 min
Response: 7272846
Conc: 52.41 ng/ml



#20 AR-1242-5

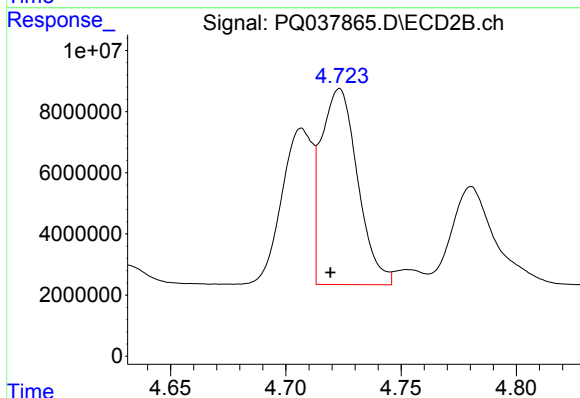
R.T.: 5.487 min
Delta R.T.: -0.017 min
Response: 26262378
Conc: 300.38 ng/ml



#21 AR-1248-1

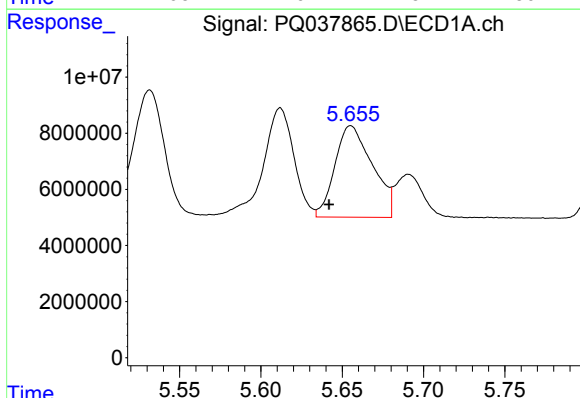
R.T.: 5.371 min
Delta R.T.: -0.008 min
Response: 128343019
Conc: 1090.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



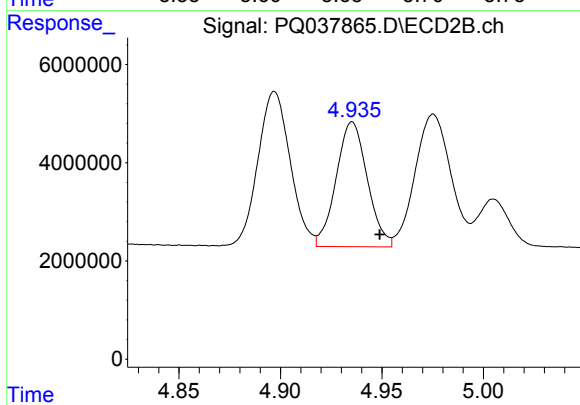
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: 0.004 min
Response: 70569606
Conc: 1057.88 ng/ml



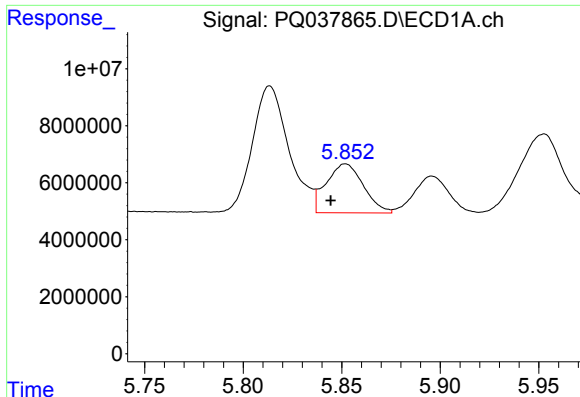
#22 AR-1248-2

R.T.: 5.655 min
Delta R.T.: 0.013 min
Response: 52256437
Conc: 304.60 ng/ml



#22 AR-1248-2

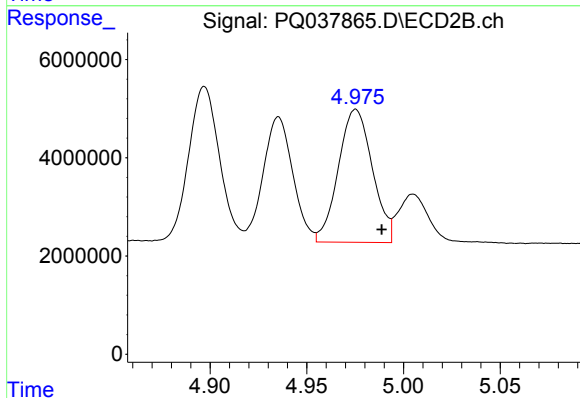
R.T.: 4.935 min
Delta R.T.: -0.014 min
Response: 27160725
Conc: 300.45 ng/ml



#23 AR-1248-3

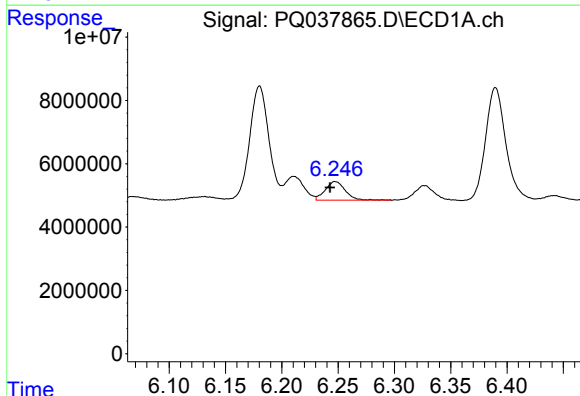
R.T.: 5.852 min
Delta R.T.: 0.007 min
Response: 22509228
Conc: 115.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



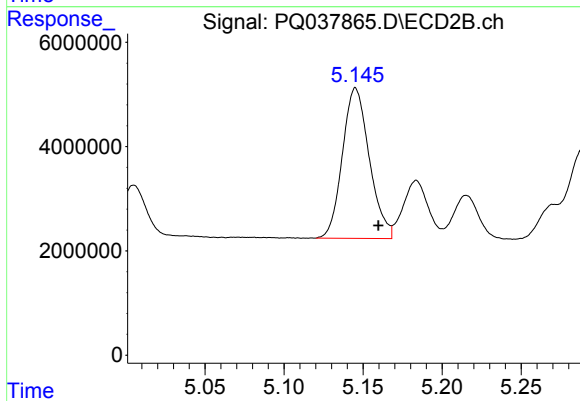
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.013 min
Response: 33197342
Conc: 359.69 ng/ml



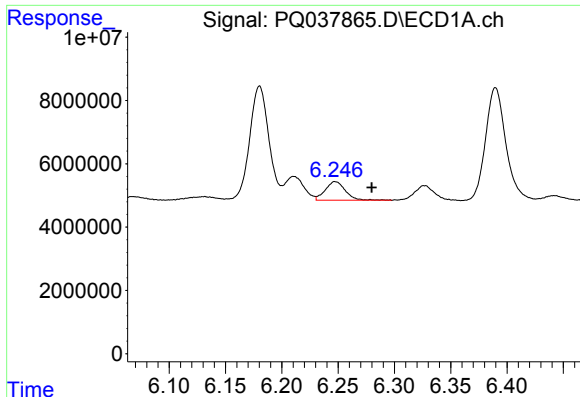
#24 AR-1248-4

R.T.: 6.248 min
Delta R.T.: 0.005 min
Response: 7272846
Conc: 31.99 ng/ml



#24 AR-1248-4

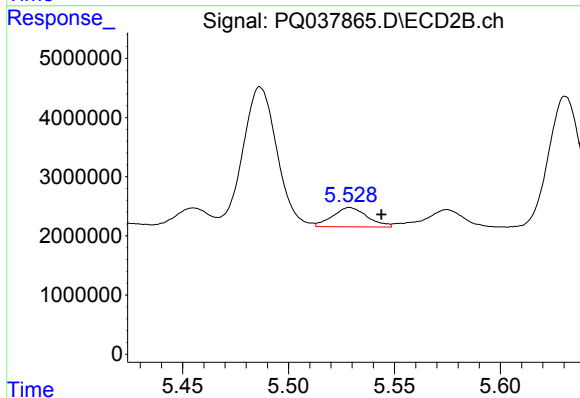
R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 34166795
Conc: 301.08 ng/ml



#25 AR-1248-5

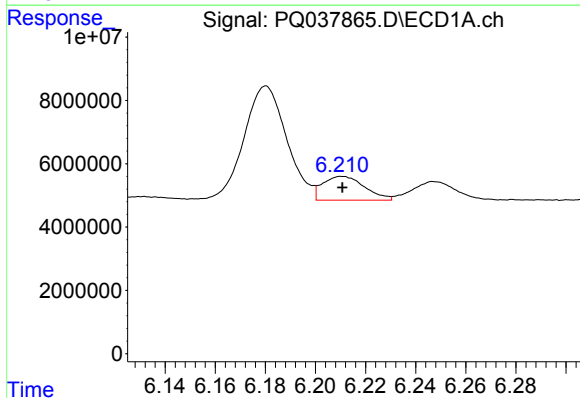
R.T.: 6.248 min
Delta R.T.: -0.032 min
Response: 7272846
Conc: 33.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



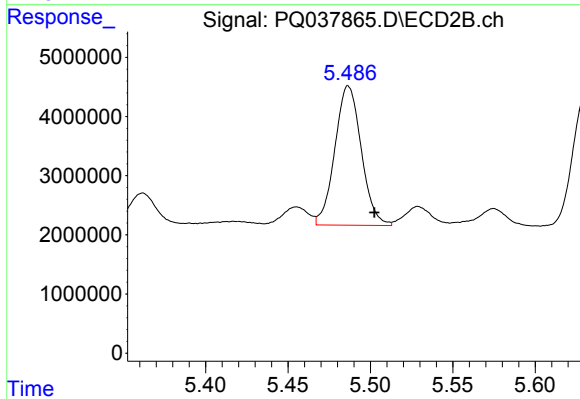
#25 AR-1248-5

R.T.: 5.529 min
Delta R.T.: -0.015 min
Response: 3706412
Conc: 33.76 ng/ml



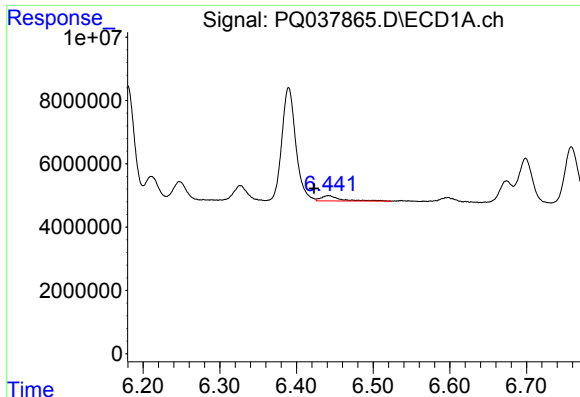
#26 AR-1254-1

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 8729462
Conc: 41.22 ng/ml



#26 AR-1254-1

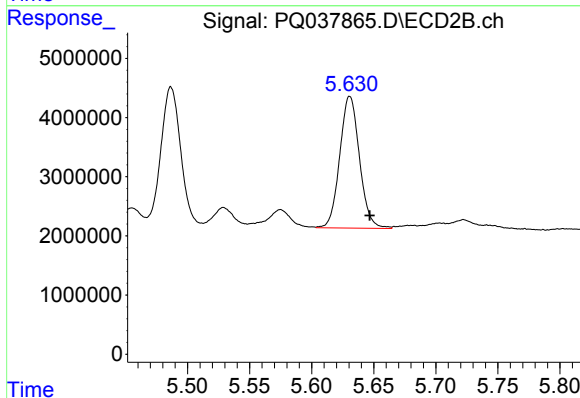
R.T.: 5.487 min
Delta R.T.: -0.016 min
Response: 26262378
Conc: 158.39 ng/ml



#27 AR-1254-2

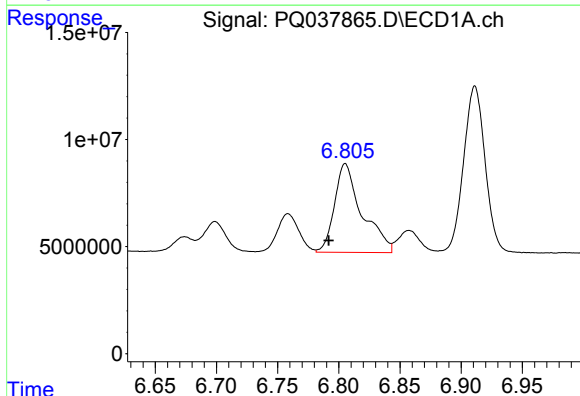
R.T.: 6.442 min
Delta R.T.: 0.019 min
Response: 2924212
Conc: 8.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



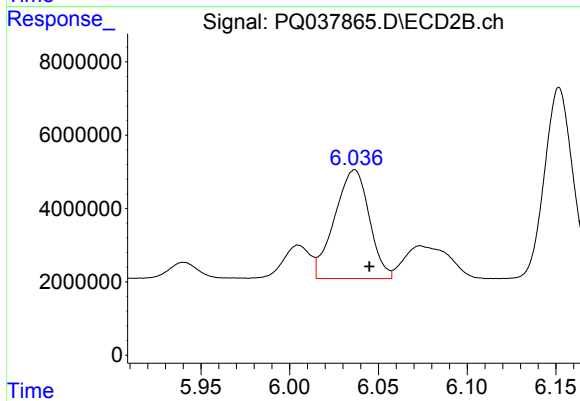
#27 AR-1254-2

R.T.: 5.631 min
Delta R.T.: -0.016 min
Response: 24673197
Conc: 173.25 ng/ml



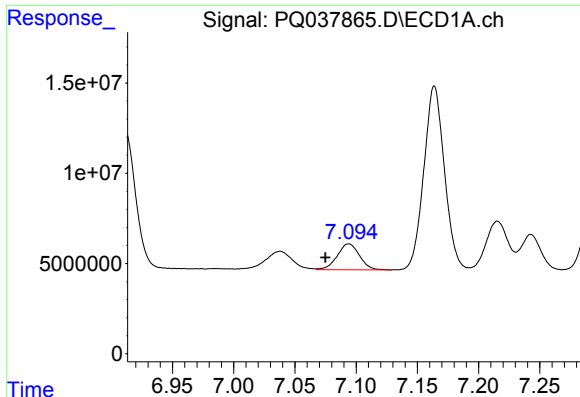
#28 AR-1254-3

R.T.: 6.805 min
Delta R.T.: 0.014 min
Response: 64705620
Conc: 186.44 ng/ml



#28 AR-1254-3

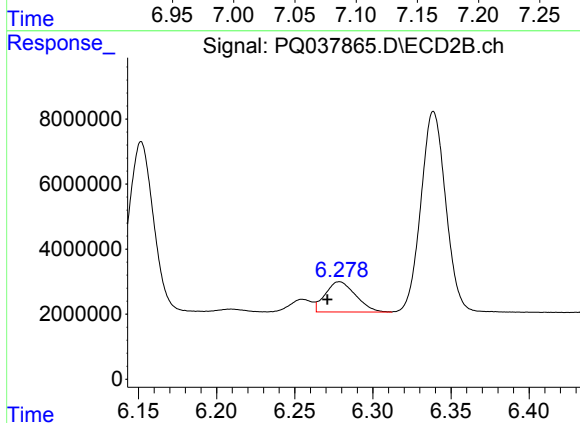
R.T.: 6.037 min
Delta R.T.: -0.008 min
Response: 40351933
Conc: 176.86 ng/ml



#29 AR-1254-4

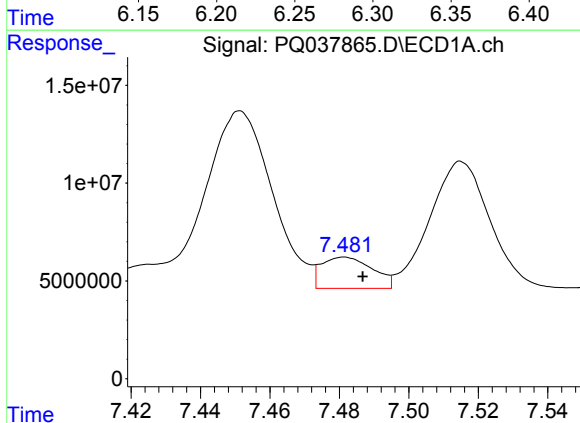
R.T.: 7.094 min
Delta R.T.: 0.019 min
Response: 18155455
Conc: 65.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



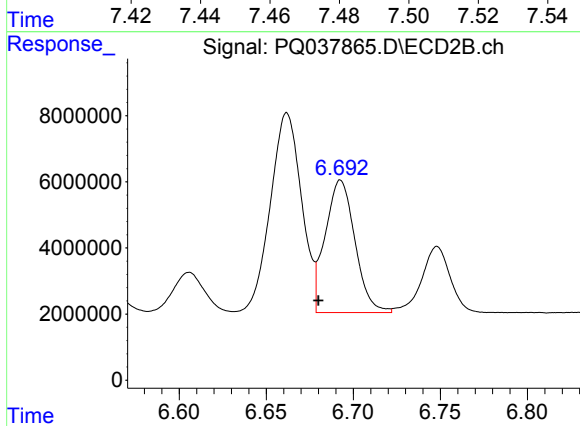
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: 0.008 min
Response: 12608040
Conc: 73.41 ng/ml



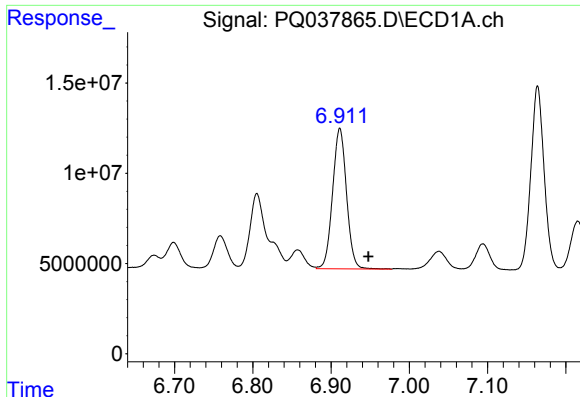
#30 AR-1254-5

R.T.: 7.481 min
Delta R.T.: -0.005 min
Response: 16365366
Conc: 59.21 ng/ml



#30 AR-1254-5

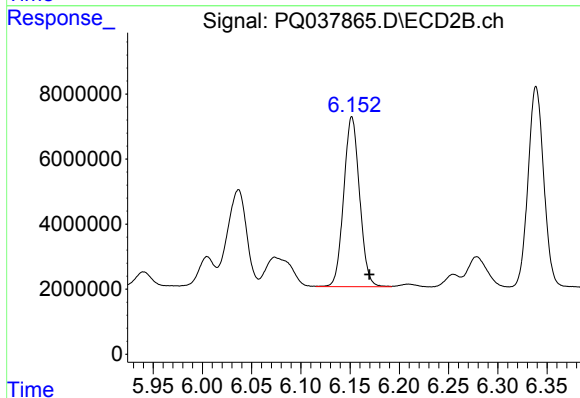
R.T.: 6.693 min
Delta R.T.: 0.013 min
Response: 47664487
Conc: 246.17 ng/ml



#31 AR-1260-1

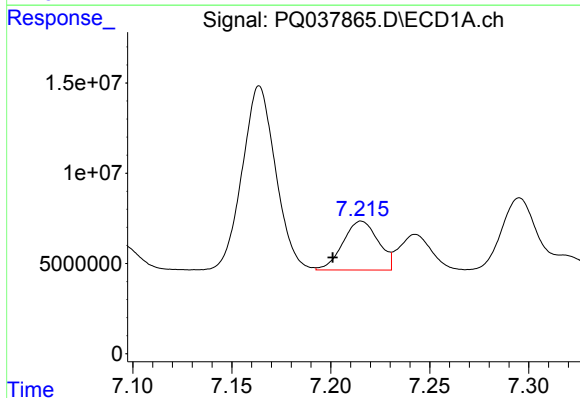
R.T.: 6.911 min
Delta R.T.: -0.036 min
Response: 96535105
Conc: 217.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



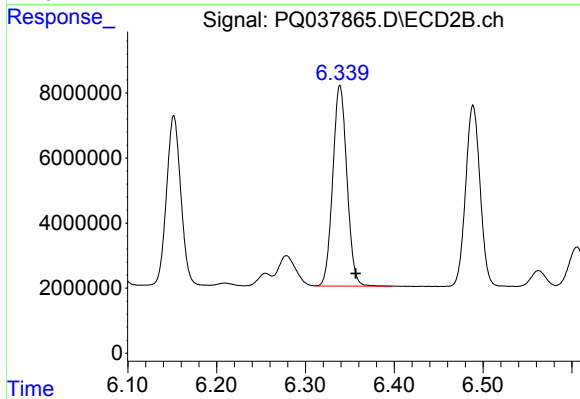
#31 AR-1260-1

R.T.: 6.152 min
Delta R.T.: -0.018 min
Response: 58510690
Conc: 230.78 ng/ml



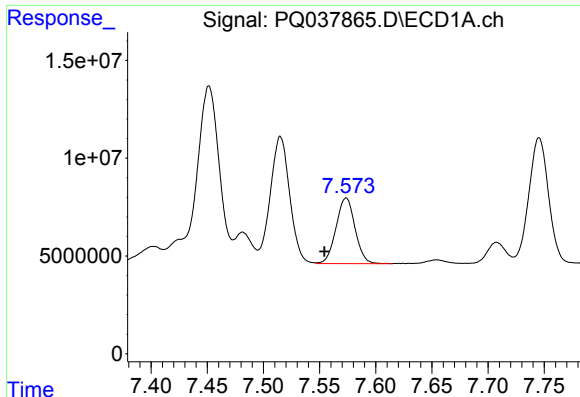
#32 AR-1260-2

R.T.: 7.215 min
Delta R.T.: 0.015 min
Response: 33581471
Conc: 58.08 ng/ml



#32 AR-1260-2

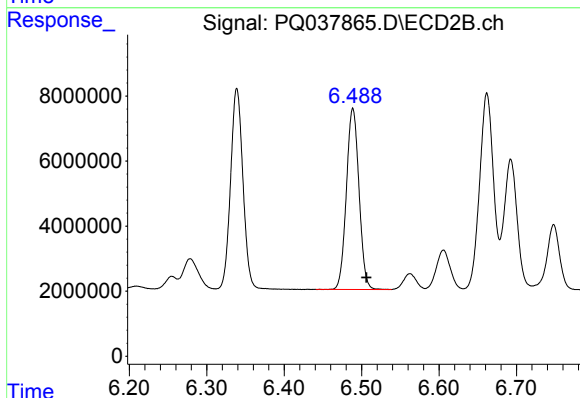
R.T.: 6.339 min
Delta R.T.: -0.018 min
Response: 68427600
Conc: 222.62 ng/ml



#33 AR-1260-3

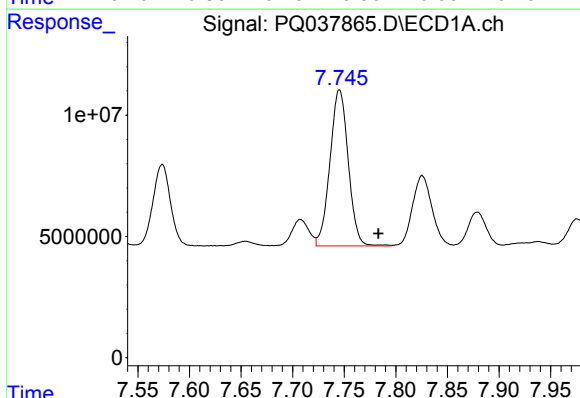
R.T.: 7.574 min
Delta R.T.: 0.019 min
Response: 39519514
Conc: 88.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



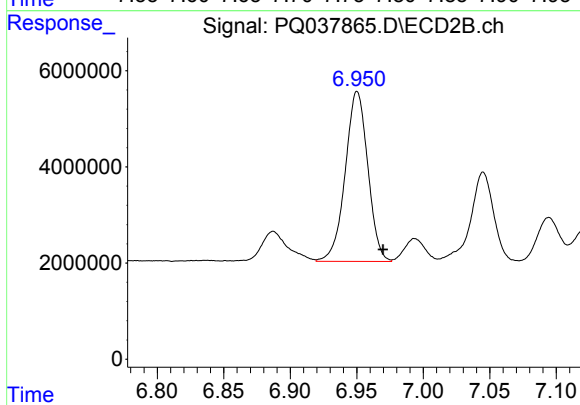
#33 AR-1260-3

R.T.: 6.489 min
Delta R.T.: -0.018 min
Response: 63079319
Conc: 222.13 ng/ml



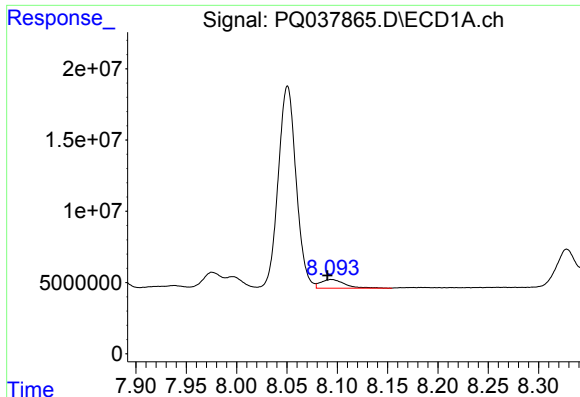
#34 AR-1260-4

R.T.: 7.745 min
Delta R.T.: -0.038 min
Response: 79435549
Conc: 181.36 ng/ml



#34 AR-1260-4

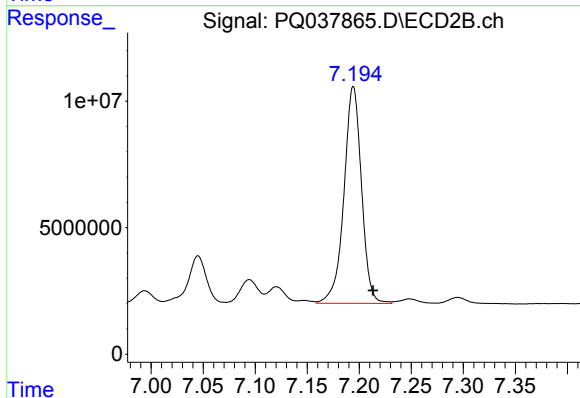
R.T.: 6.950 min
Delta R.T.: -0.019 min
Response: 41900291
Conc: 190.38 ng/ml



#35 AR-1260-5

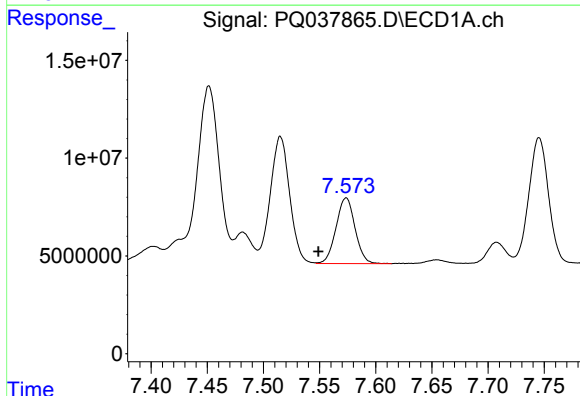
R.T.: 8.094 min
Delta R.T.: 0.004 min
Response: 9960948
Conc: 9.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



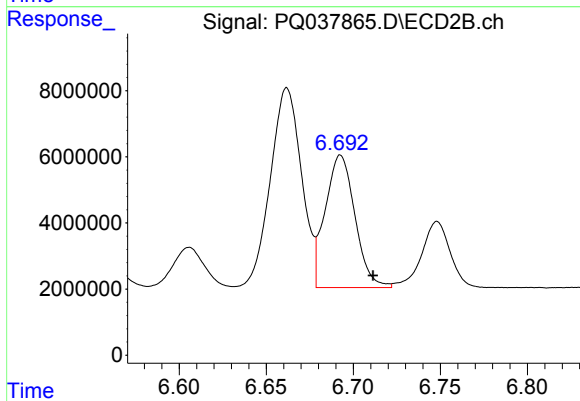
#35 AR-1260-5

R.T.: 7.194 min
Delta R.T.: -0.019 min
Response: 100618031
Conc: 190.57 ng/ml



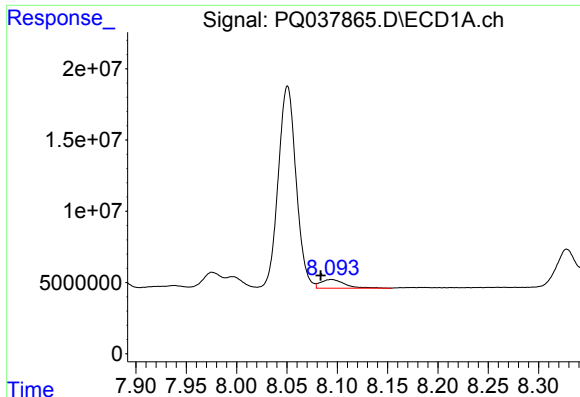
#36 AR-1262-1

R.T.: 7.574 min
Delta R.T.: 0.025 min
Response: 39519514
Conc: 98.94 ng/ml



#36 AR-1262-1

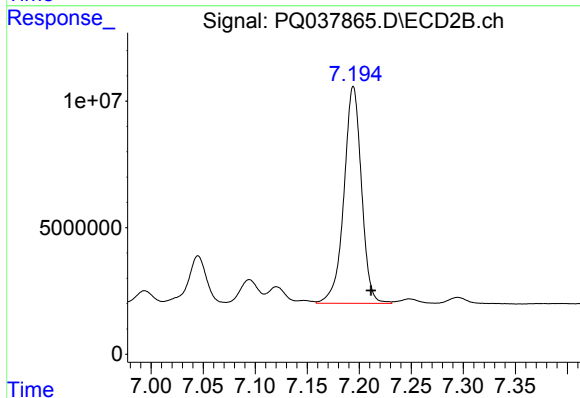
R.T.: 6.693 min
Delta R.T.: -0.019 min
Response: 47664487
Conc: 227.75 ng/ml



#37 AR-1262-2

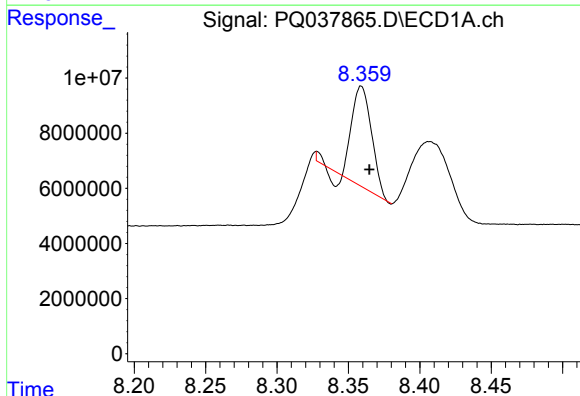
R.T.: 8.094 min
Delta R.T.: 0.011 min
Response: 9960948
Conc: 14.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



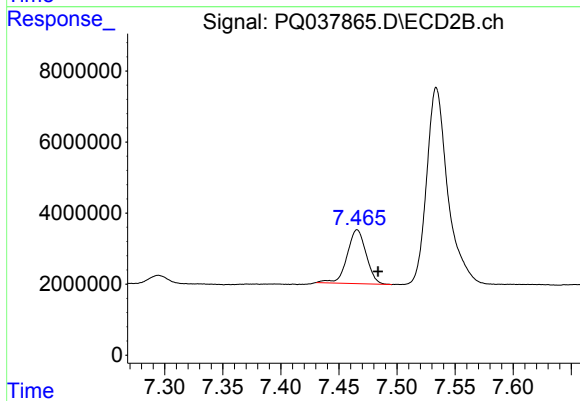
#37 AR-1262-2

R.T.: 7.194 min
Delta R.T.: -0.017 min
Response: 100618031
Conc: 271.61 ng/ml



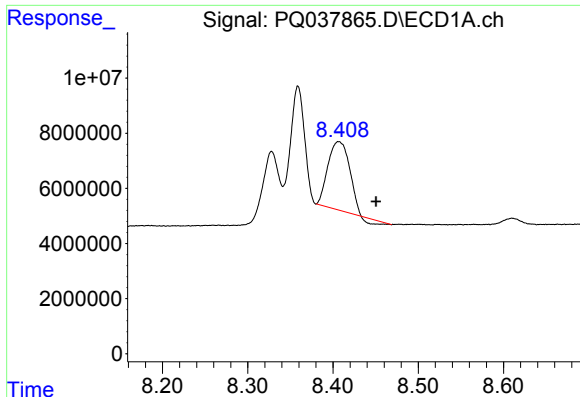
#38 AR-1262-3

R.T.: 8.359 min
Delta R.T.: -0.006 min
Response: 33993370
Conc: 113.53 ng/ml



#38 AR-1262-3

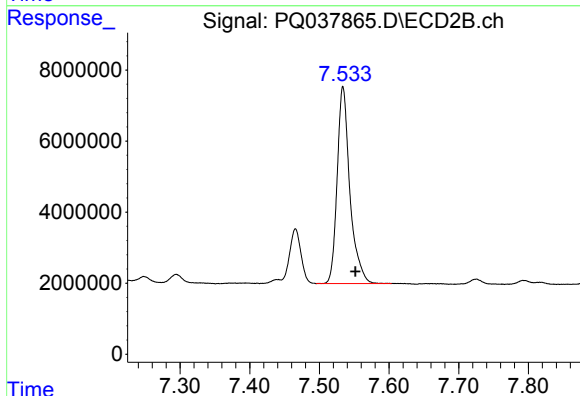
R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 17302947
Conc: 118.38 ng/ml



#39 AR-1262-4

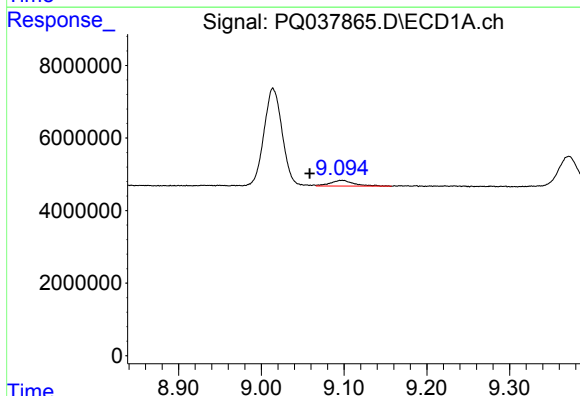
R.T.: 8.407 min
Delta R.T.: -0.044 min
Response: 42101461
Conc: 119.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



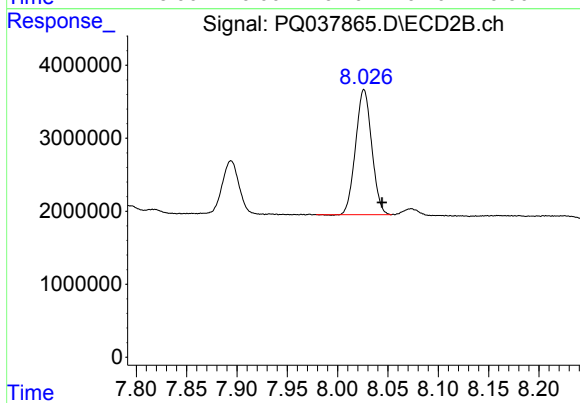
#39 AR-1262-4

R.T.: 7.534 min
Delta R.T.: -0.018 min
Response: 70270455
Conc: 263.50 ng/ml



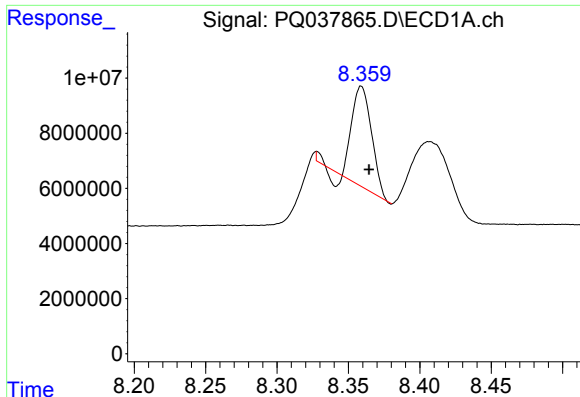
#40 AR-1262-5

R.T.: 9.098 min
Delta R.T.: 0.039 min
Response: 3098601
Conc: 12.99 ng/ml



#40 AR-1262-5

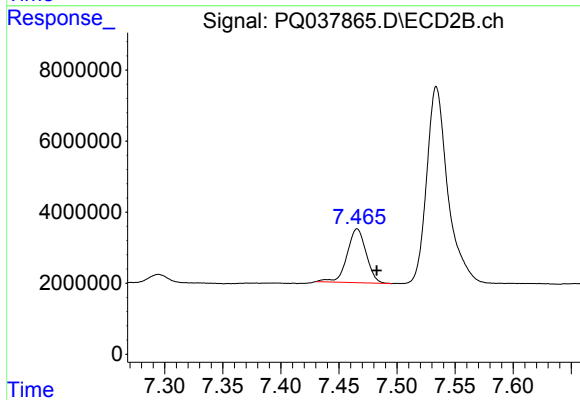
R.T.: 8.026 min
Delta R.T.: -0.018 min
Response: 19161857
Conc: 164.02 ng/ml



#41 AR-1268-1

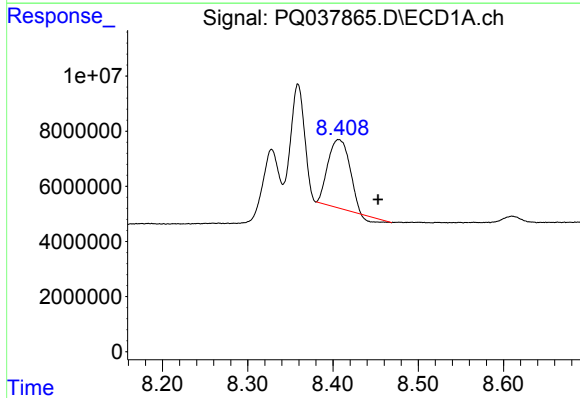
R.T.: 8.359 min
Delta R.T.: -0.005 min
Response: 33993370
Conc: 25.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



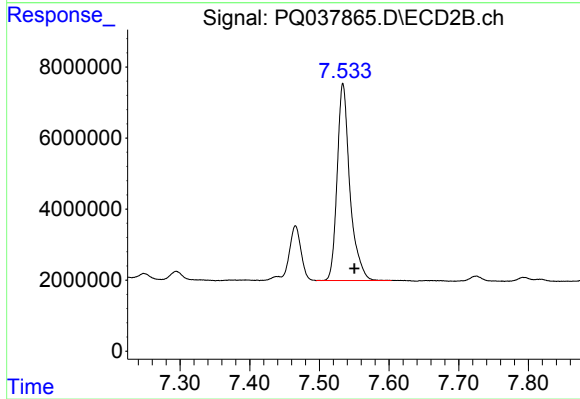
#41 AR-1268-1

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 17302947
Conc: 26.41 ng/ml



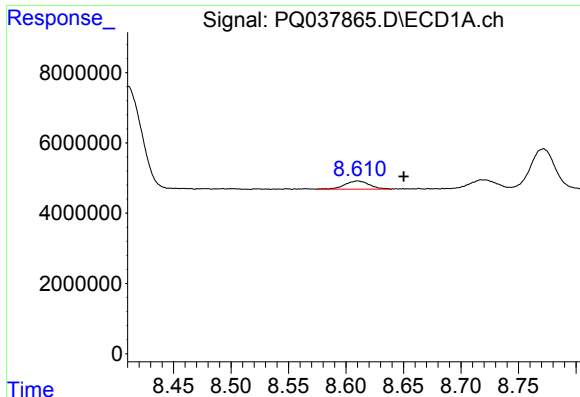
#42 AR-1268-2

R.T.: 8.407 min
Delta R.T.: -0.046 min
Response: 42101461
Conc: 34.18 ng/ml



#42 AR-1268-2

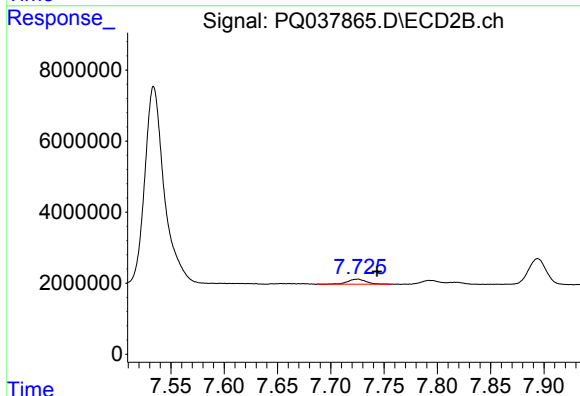
R.T.: 7.534 min
Delta R.T.: -0.017 min
Response: 70270455
Conc: 117.50 ng/ml



#43 AR-1268-3

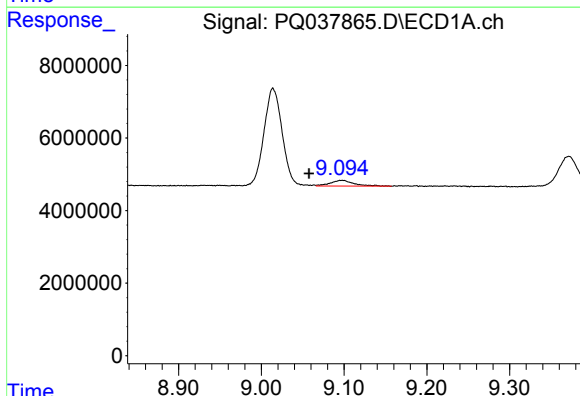
R.T.: 8.610 min
Delta R.T.: -0.040 min
Response: 3456632
Conc: 3.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



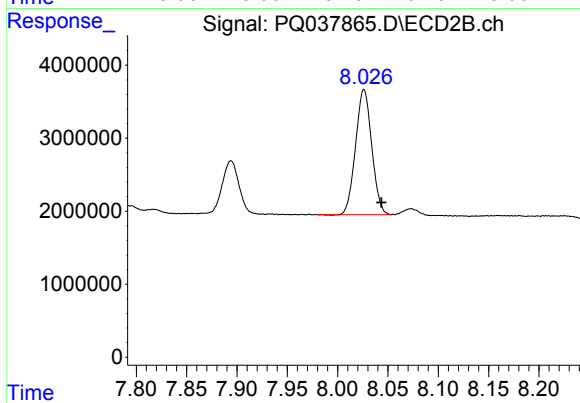
#43 AR-1268-3

R.T.: 7.725 min
Delta R.T.: -0.018 min
Response: 1719288
Conc: 3.45 ng/ml



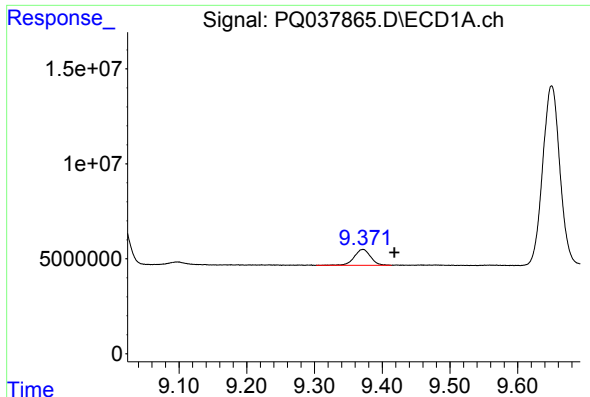
#44 AR-1268-4

R.T.: 9.098 min
Delta R.T.: 0.041 min
Response: 3098601
Conc: 7.77 ng/ml



#44 AR-1268-4

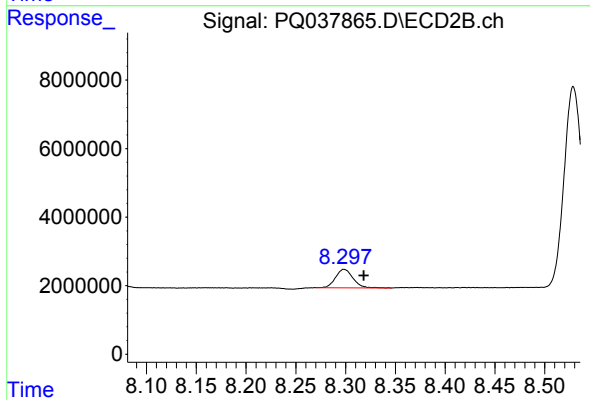
R.T.: 8.026 min
Delta R.T.: -0.017 min
Response: 19161857
Conc: 97.76 ng/ml



#45 AR-1268-5

R.T.: 9.372 min
Delta R.T.: -0.046 min
Response: 13879820
Conc: 4.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF8B9MSD



#45 AR-1268-5

R.T.: 8.298 min
Delta R.T.: -0.020 min
Response: 6564991
Conc: 4.27 ng/ml