

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030619\
 Data File : PQ037842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2019 19:58
 Operator : SM\SJ
 Sample : K1662-10MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFC63MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 23:57:49 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...	4.208	3.647	74382518	37131964	13.076	14.097
2)	SA Decachlor...	0.000	8.529	0	38172922	N.D.	16.454 #
Target Compounds							
3)	L1 AR-1016-1	5.371	4.721	96055777	52810265	332.344	342.301
4)	L1 AR-1016-2	5.431	4.721	54987049	52810265	123.046	220.002 #
5)	L1 AR-1016-3	5.431	4.896	54987049	25888169	209.208	212.603
6)	L1 AR-1016-4	5.530	4.934	45488355	21169961	206.904	226.673
7)	L1 AR-1016-5	5.852	5.144	16581922	25346264	77.142	202.355 #
8)	L2 AR-1221-1	4.417	3.852	5473253	2947901	87.347	86.636
9)	L2 AR-1221-2	4.504	3.938	6691131	3883307	151.947	161.909
10)	L2 AR-1221-3	4.580	4.012	31975082	17620694	208.025	208.366
11)	L3 AR-1232-1	4.580	4.012	31975082	17620694	280.183	284.653
12)	L3 AR-1232-2	5.089	4.721	50457915	52810265	863.083	768.566
13)	L3 AR-1232-3	5.431	4.896	54987049	25888169	440.199	743.392 #
14)	L3 AR-1232-4	5.530	5.004	45488355	8438896	711.832	286.203 #
15)	L3 AR-1232-5	5.655	5.144	38572944	25346264	845.766	745.833
16)	L4 AR-1242-1	5.371	4.721	96055777	52810265	585.575	587.908
17)	L4 AR-1242-2	5.371	4.721	96055777	52810265	381.101	387.274
18)	L4 AR-1242-3	5.431	4.896	54987049	25888169	363.522	367.045
19)	L4 AR-1242-4	5.530	5.004	45488355	8438896	361.372	122.990 #
20)	L4 AR-1242-5	6.247	5.486	8087614	22567016	58.278	258.117 #
21)	L5 AR-1248-1	5.371	4.721	96055777	52810265	816.151	791.660
22)	L5 AR-1248-2	5.655	4.934	38572944	21169961	224.838	234.177
23)	L5 AR-1248-3	5.852	4.974	16581922	24759939	85.350	268.275 #
24)	L5 AR-1248-4	6.247	5.144	8087614	25346264	35.570	223.355 #
25)	L5 AR-1248-5	6.247	5.528	8087614	3804624	37.448	34.654
26)	L6 AR-1254-1	6.211	5.486	8116803	22567016	38.325	136.100 #
27)	L6 AR-1254-2	6.441	5.630	6907642	21058602	20.599	147.870 #
28)	L6 AR-1254-3	6.805	6.034	51667821	39988157	148.874	175.263
29)	L6 AR-1254-4	7.095	6.278	15241303	11626869	55.072	67.701
30)	L6 AR-1254-5	7.483	6.693	17608816	42395672	63.712	218.955 #
31)	L7 AR-1260-1	6.912	6.151	80574165	45326338	181.342	178.779
32)	L7 AR-1260-2	7.215	6.338	31252117	56871248	54.051	185.025 #
33)	L7 AR-1260-3	7.573	6.488	36020679	52818883	80.630	185.996 #
34)	L7 AR-1260-4	7.745	6.951	75049879	36311909	171.349	164.985
35)	L7 AR-1260-5	8.092	7.194	9033505	85782961	9.012	162.472 #
36)	L8 AR-1262-1	7.573	6.693	36020679	42395672	90.181	202.577 #
37)	L8 AR-1262-2	8.092	7.194	9033505	85782961	13.040	231.561 #
38)	L8 AR-1262-3	8.359	7.466	30041128	24601676	100.330	168.319 #
39)	L8 AR-1262-4	8.412	7.533	60997907	67936618	173.599	254.749 #
40)	L8 AR-1262-5	9.095	8.026	2571607	22508848	10.783	192.664 #
41)	L9 AR-1268-1	8.359	7.466	30041128	24601676	22.409	37.557 #

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 Acq On : 06 Mar 2019 19:58
 Operator : SM\SJ
 Sample : K1662-10MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

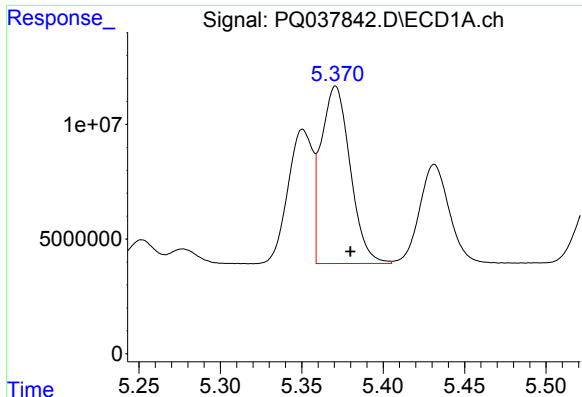
Instrument :
 ECD_Q
 ClientSampleId :
 BFC63MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 23:57:49 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	8.412	7.533	60997907	67936618	49.517	113.598 #
43) L9	AR-1268-3	8.610	7.725	8798354	4002068	8.029	8.039
44) L9	AR-1268-4	9.095	8.026	2571607	22508848	6.447	114.841 #
45) L9	AR-1268-5	9.370	8.299	36200967	17010232	11.136	11.054

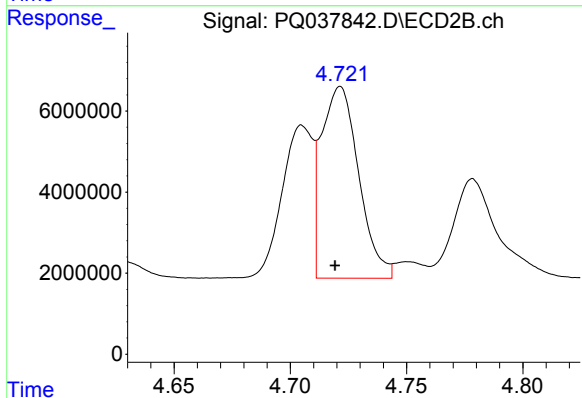
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

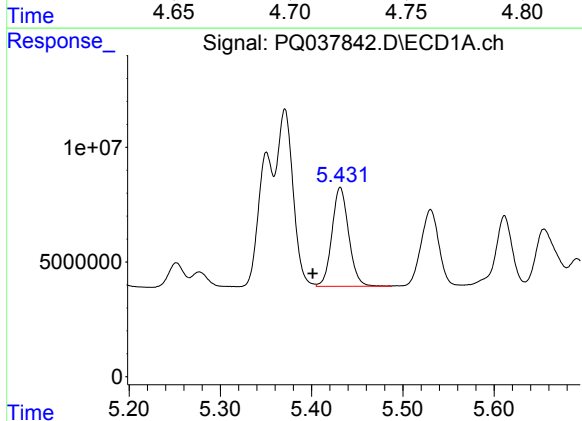
R.T.: 5.371 min
Delta R.T.: -0.009 min
Response: 96055777
Conc: 332.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



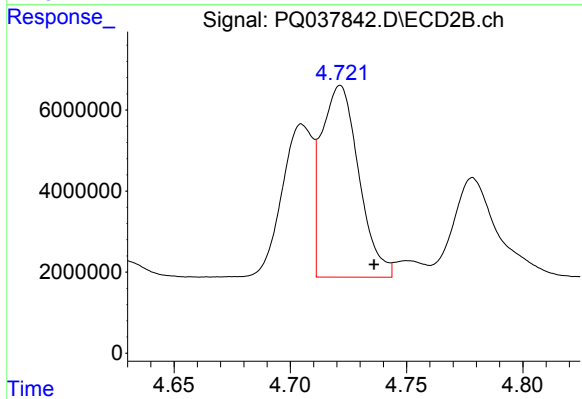
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 52810265
Conc: 342.30 ng/ml



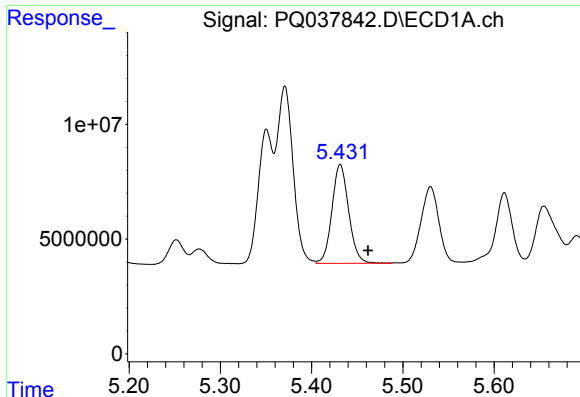
#4 AR-1016-2

R.T.: 5.431 min
Delta R.T.: 0.030 min
Response: 54987049
Conc: 123.05 ng/ml



#4 AR-1016-2

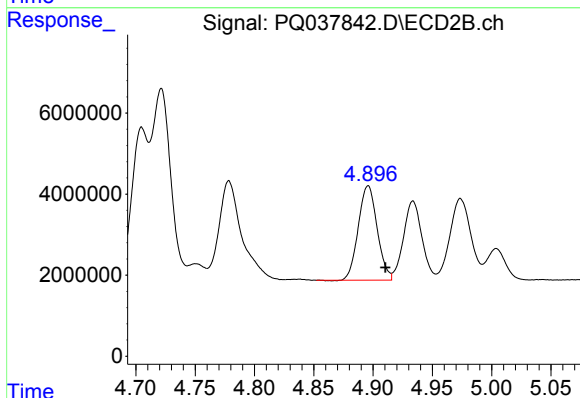
R.T.: 4.721 min
Delta R.T.: -0.015 min
Response: 52810265
Conc: 220.00 ng/ml



#5 AR-1016-3

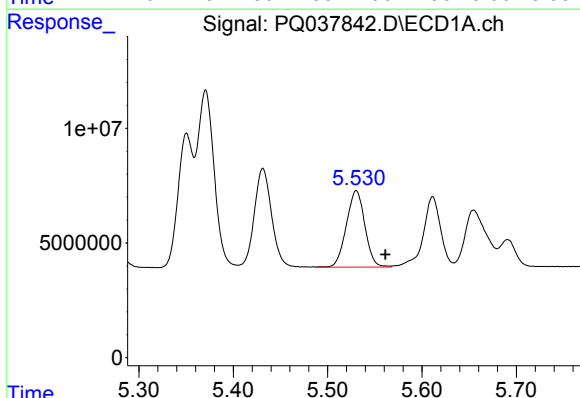
R.T.: 5.431 min
Delta R.T.: -0.030 min
Response: 54987049
Conc: 209.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



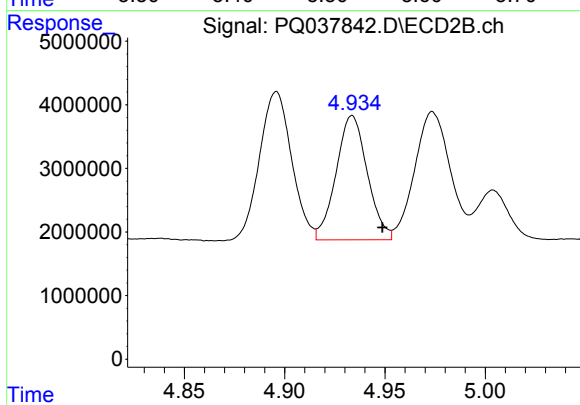
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: -0.015 min
Response: 25888169
Conc: 212.60 ng/ml



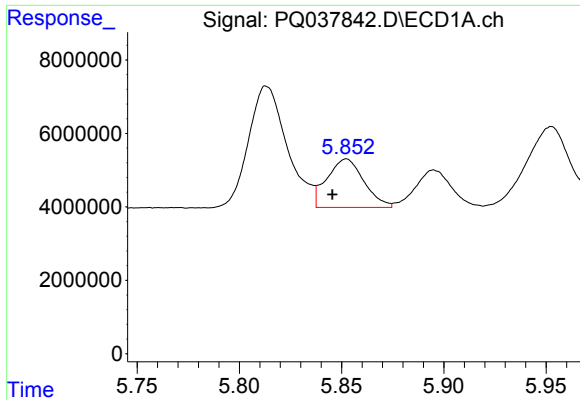
#6 AR-1016-4

R.T.: 5.530 min
Delta R.T.: -0.031 min
Response: 45488355
Conc: 206.90 ng/ml



#6 AR-1016-4

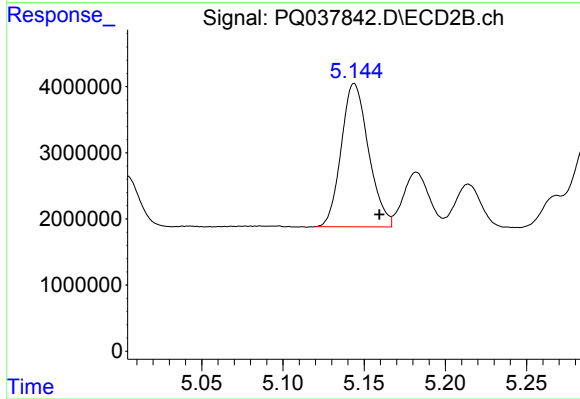
R.T.: 4.934 min
Delta R.T.: -0.015 min
Response: 21169961
Conc: 226.67 ng/ml



#7 AR-1016-5

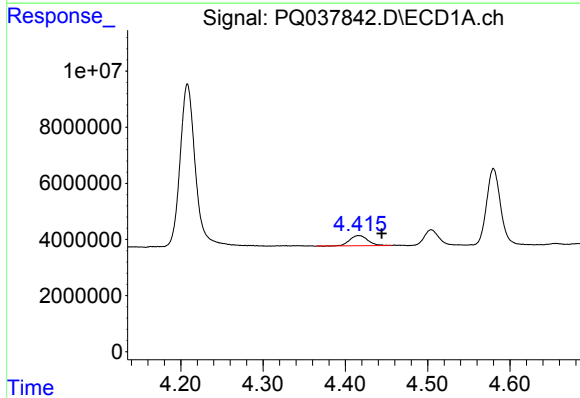
R.T.: 5.852 min
Delta R.T.: 0.007 min
Response: 16581922
Conc: 77.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



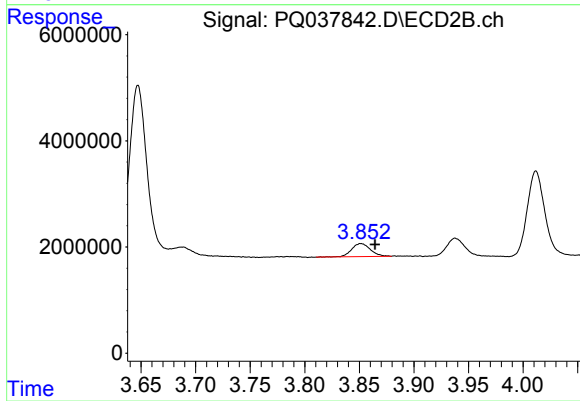
#7 AR-1016-5

R.T.: 5.144 min
Delta R.T.: -0.015 min
Response: 25346264
Conc: 202.35 ng/ml



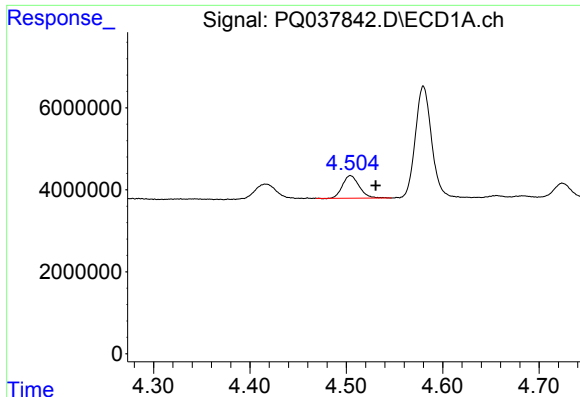
#8 AR-1221-1

R.T.: 4.417 min
Delta R.T.: -0.028 min
Response: 5473253
Conc: 87.35 ng/ml



#8 AR-1221-1

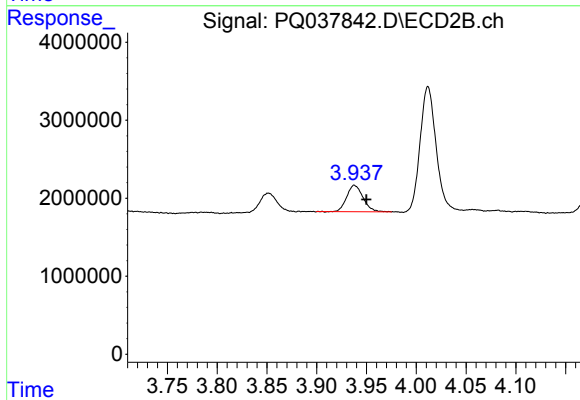
R.T.: 3.852 min
Delta R.T.: -0.013 min
Response: 2947901
Conc: 86.64 ng/ml



#9 AR-1221-2

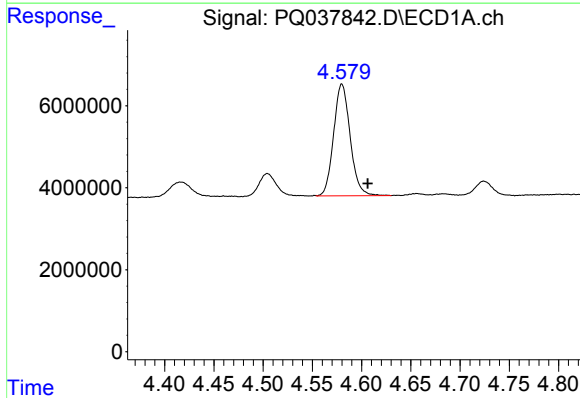
R.T.: 4.504 min
Delta R.T.: -0.026 min
Response: 6691131
Conc: 151.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



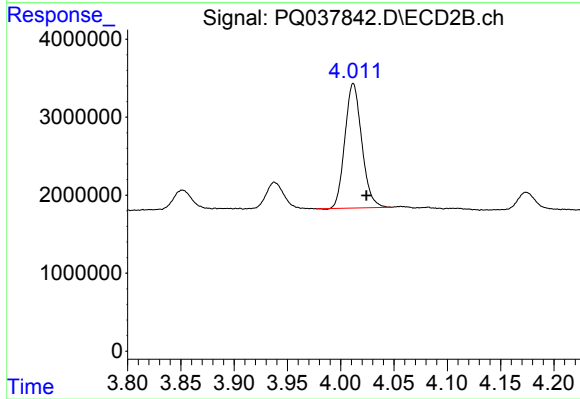
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: -0.012 min
Response: 3883307
Conc: 161.91 ng/ml



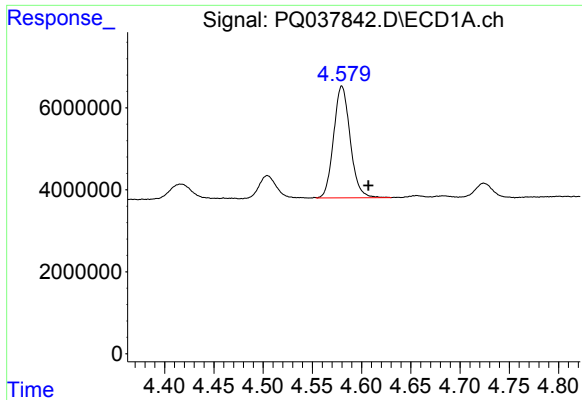
#10 AR-1221-3

R.T.: 4.580 min
Delta R.T.: -0.026 min
Response: 31975082
Conc: 208.03 ng/ml



#10 AR-1221-3

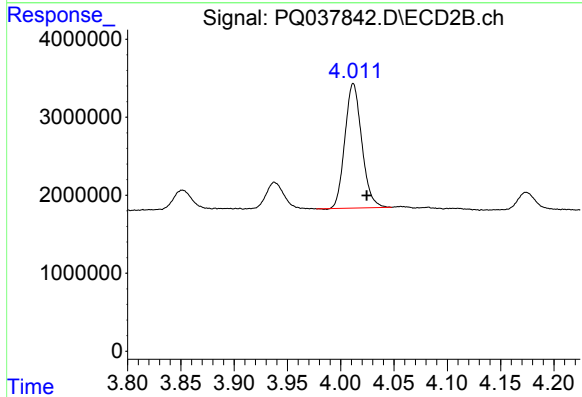
R.T.: 4.012 min
Delta R.T.: -0.012 min
Response: 17620694
Conc: 208.37 ng/ml



#11 AR-1232-1

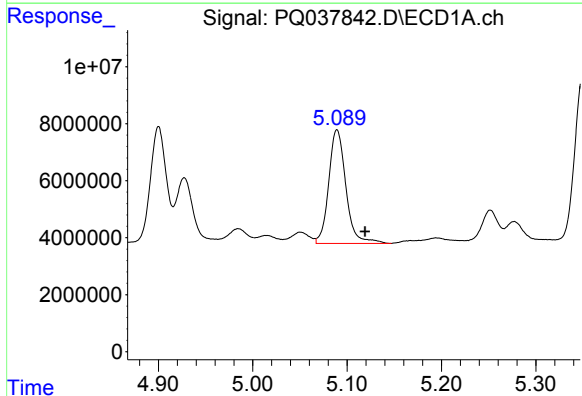
R.T.: 4.580 min
Delta R.T.: -0.027 min
Response: 31975082
Conc: 280.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



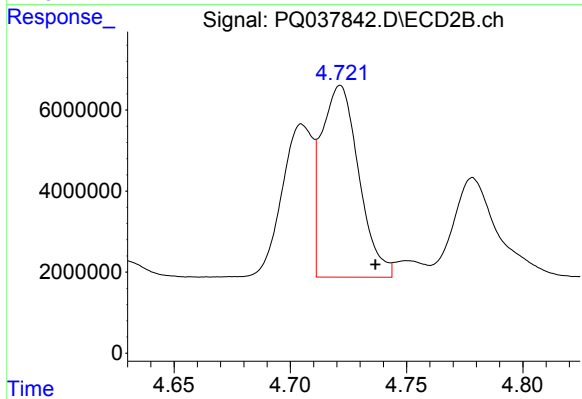
#11 AR-1232-1

R.T.: 4.012 min
Delta R.T.: -0.013 min
Response: 17620694
Conc: 284.65 ng/ml



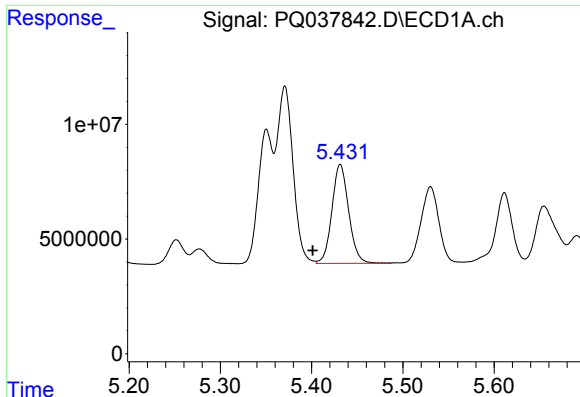
#12 AR-1232-2

R.T.: 5.089 min
Delta R.T.: -0.030 min
Response: 50457915
Conc: 863.08 ng/ml



#12 AR-1232-2

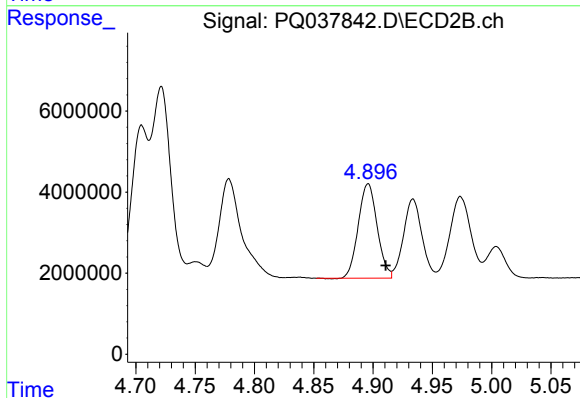
R.T.: 4.721 min
Delta R.T.: -0.015 min
Response: 52810265
Conc: 768.57 ng/ml



#13 AR-1232-3

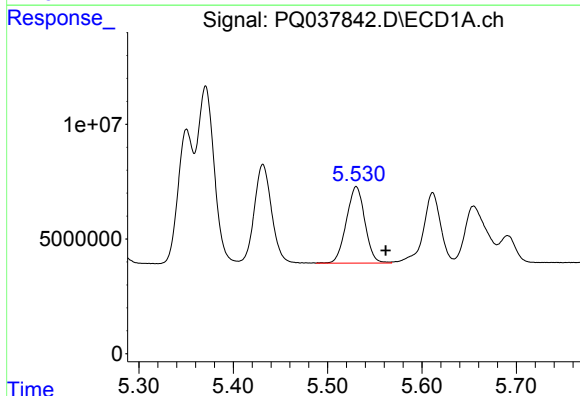
R.T.: 5.431 min
Delta R.T.: 0.030 min
Response: 54987049
Conc: 440.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



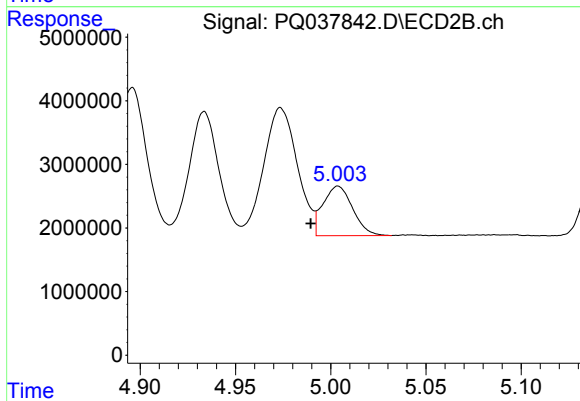
#13 AR-1232-3

R.T.: 4.896 min
Delta R.T.: -0.015 min
Response: 25888169
Conc: 743.39 ng/ml



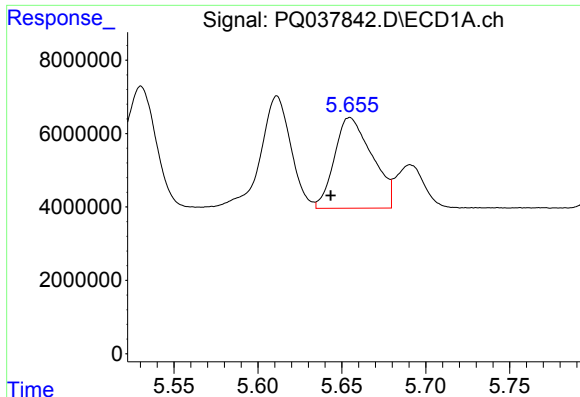
#14 AR-1232-4

R.T.: 5.530 min
Delta R.T.: -0.031 min
Response: 45488355
Conc: 711.83 ng/ml



#14 AR-1232-4

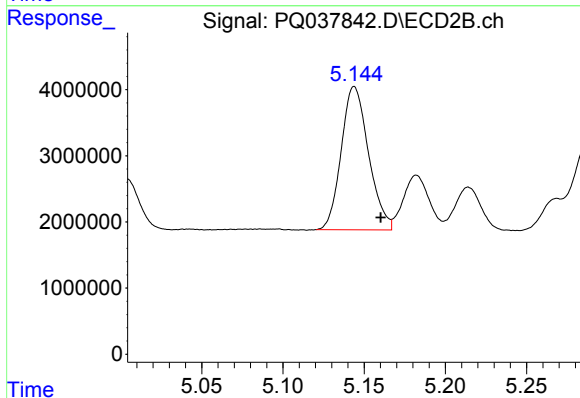
R.T.: 5.004 min
Delta R.T.: 0.014 min
Response: 8438896
Conc: 286.20 ng/ml



#15 AR-1232-5

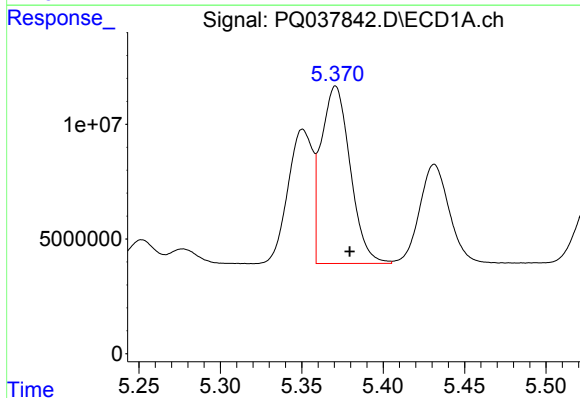
R.T.: 5.655 min
Delta R.T.: 0.011 min
Response: 38572944
Conc: 845.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



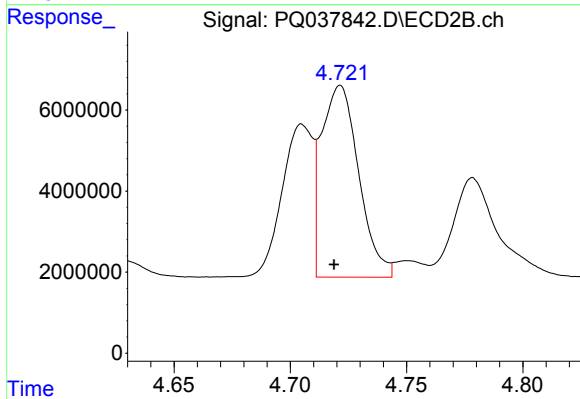
#15 AR-1232-5

R.T.: 5.144 min
Delta R.T.: -0.016 min
Response: 25346264
Conc: 745.83 ng/ml



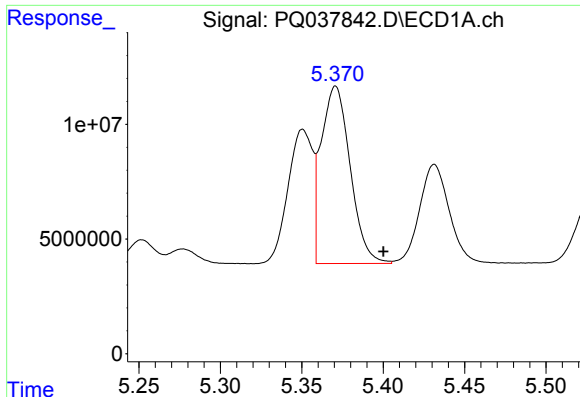
#16 AR-1242-1

R.T.: 5.371 min
Delta R.T.: -0.009 min
Response: 96055777
Conc: 585.57 ng/ml



#16 AR-1242-1

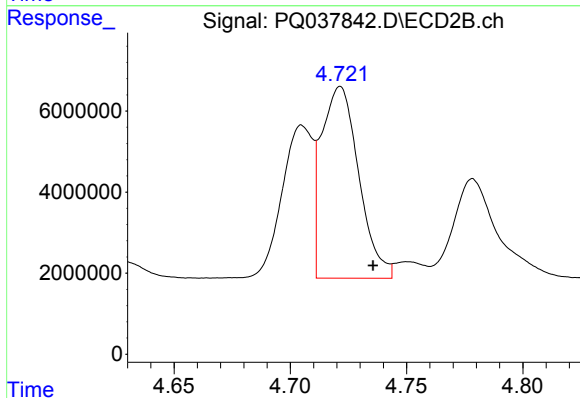
R.T.: 4.721 min
Delta R.T.: 0.003 min
Response: 52810265
Conc: 587.91 ng/ml



#17 AR-1242-2

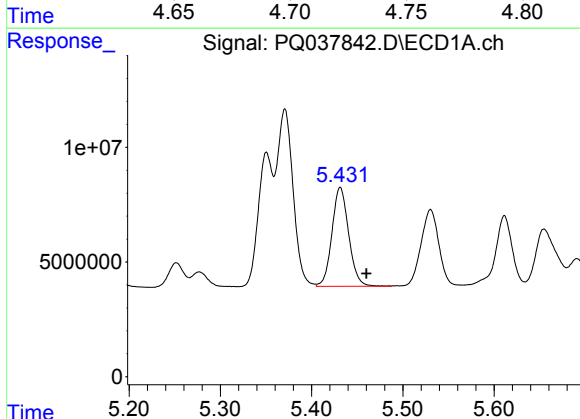
R.T.: 5.371 min
Delta R.T.: -0.029 min
Response: 96055777
Conc: 381.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



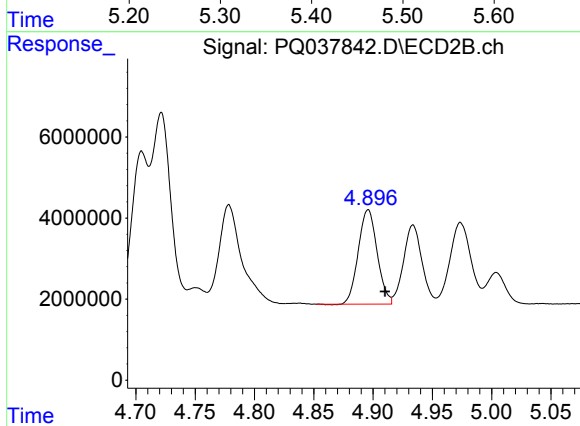
#17 AR-1242-2

R.T.: 4.721 min
Delta R.T.: -0.014 min
Response: 52810265
Conc: 387.27 ng/ml



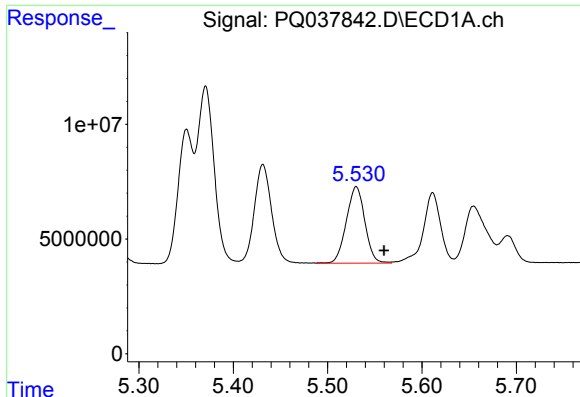
#18 AR-1242-3

R.T.: 5.431 min
Delta R.T.: -0.029 min
Response: 54987049
Conc: 363.52 ng/ml



#18 AR-1242-3

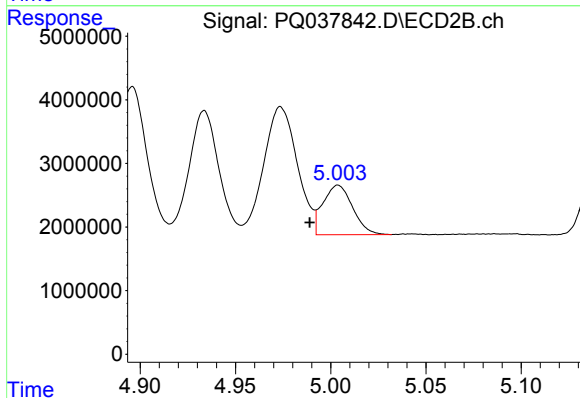
R.T.: 4.896 min
Delta R.T.: -0.014 min
Response: 25888169
Conc: 367.04 ng/ml



#19 AR-1242-4

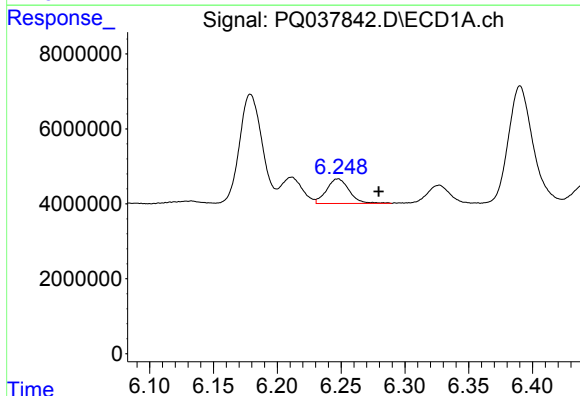
R.T.: 5.530 min
Delta R.T.: -0.030 min
Response: 45488355
Conc: 361.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



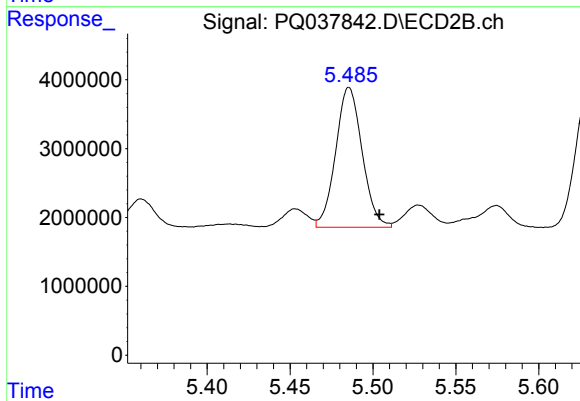
#19 AR-1242-4

R.T.: 5.004 min
Delta R.T.: 0.015 min
Response: 8438896
Conc: 122.99 ng/ml



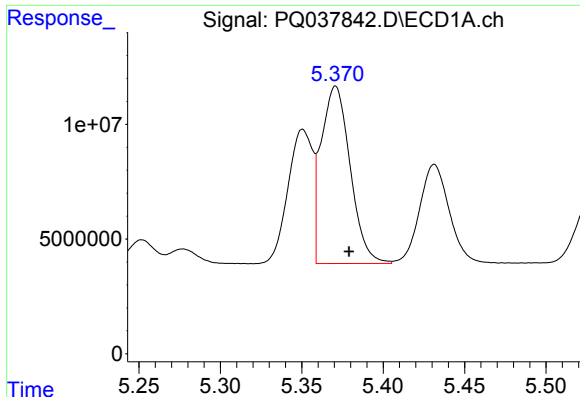
#20 AR-1242-5

R.T.: 6.247 min
Delta R.T.: -0.032 min
Response: 8087614
Conc: 58.28 ng/ml



#20 AR-1242-5

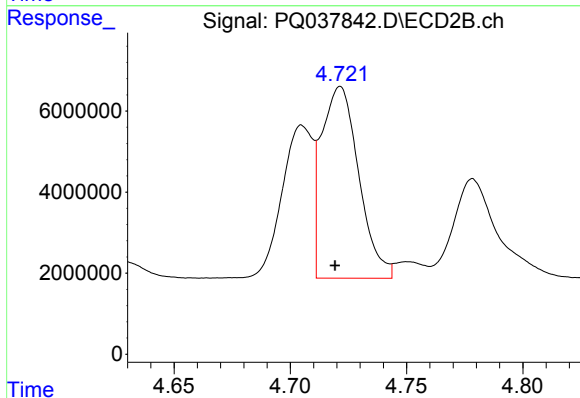
R.T.: 5.486 min
Delta R.T.: -0.018 min
Response: 22567016
Conc: 258.12 ng/ml



#21 AR-1248-1

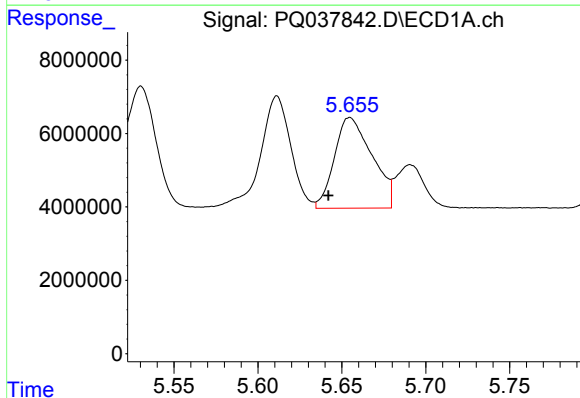
R.T.: 5.371 min
Delta R.T.: -0.008 min
Response: 96055777
Conc: 816.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



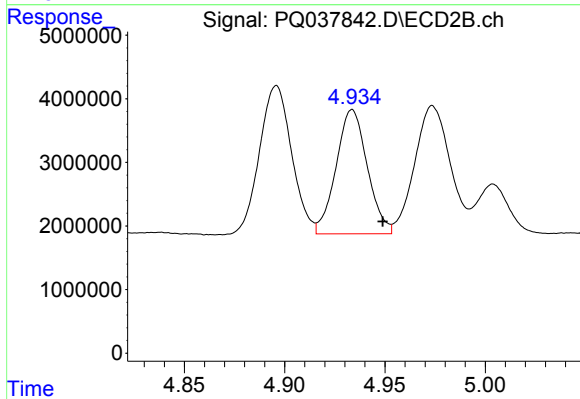
#21 AR-1248-1

R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 52810265
Conc: 791.66 ng/ml



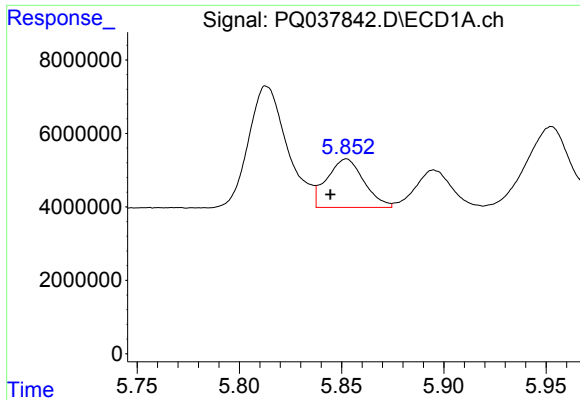
#22 AR-1248-2

R.T.: 5.655 min
Delta R.T.: 0.013 min
Response: 38572944
Conc: 224.84 ng/ml



#22 AR-1248-2

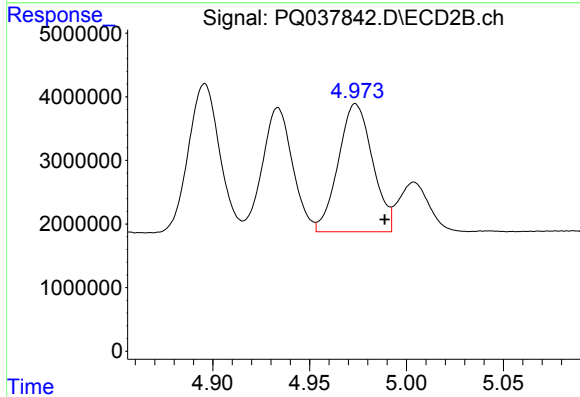
R.T.: 4.934 min
Delta R.T.: -0.015 min
Response: 21169961
Conc: 234.18 ng/ml



#23 AR-1248-3

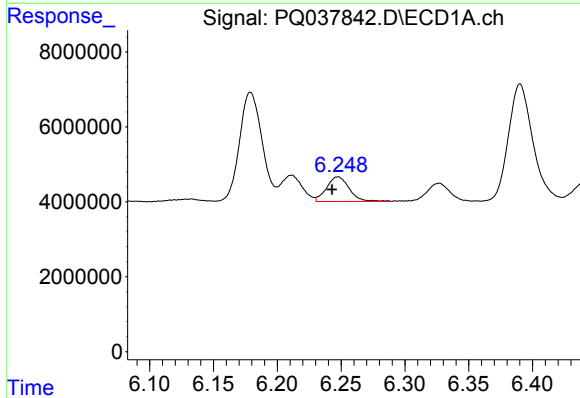
R.T.: 5.852 min
Delta R.T.: 0.008 min
Response: 16581922
Conc: 85.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



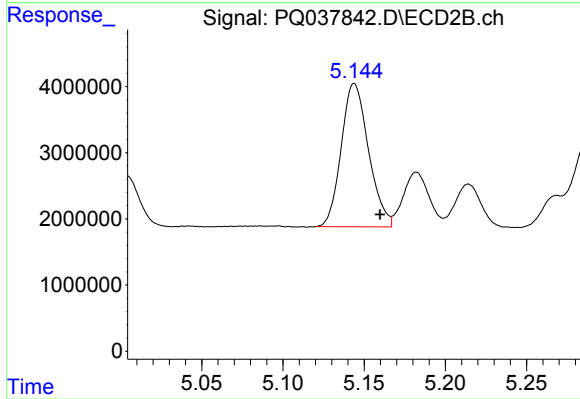
#23 AR-1248-3

R.T.: 4.974 min
Delta R.T.: -0.015 min
Response: 24759939
Conc: 268.27 ng/ml



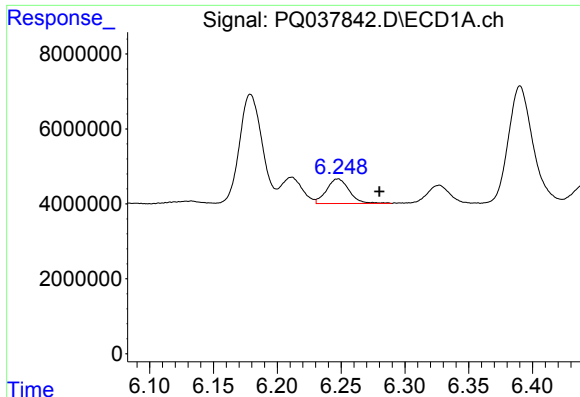
#24 AR-1248-4

R.T.: 6.247 min
Delta R.T.: 0.004 min
Response: 8087614
Conc: 35.57 ng/ml



#24 AR-1248-4

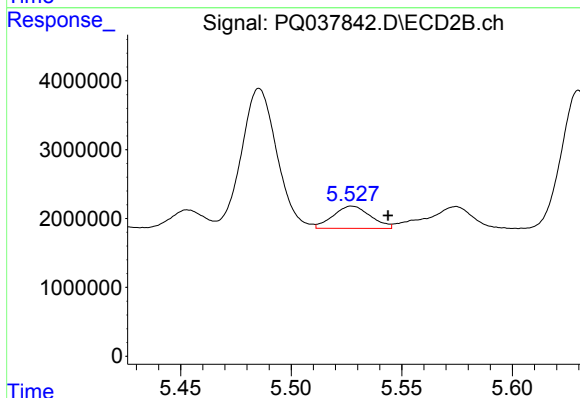
R.T.: 5.144 min
Delta R.T.: -0.016 min
Response: 25346264
Conc: 223.36 ng/ml



#25 AR-1248-5

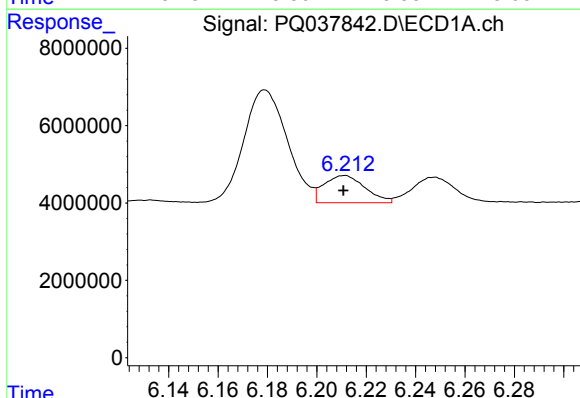
R.T.: 6.247 min
Delta R.T.: -0.032 min
Response: 8087614
Conc: 37.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



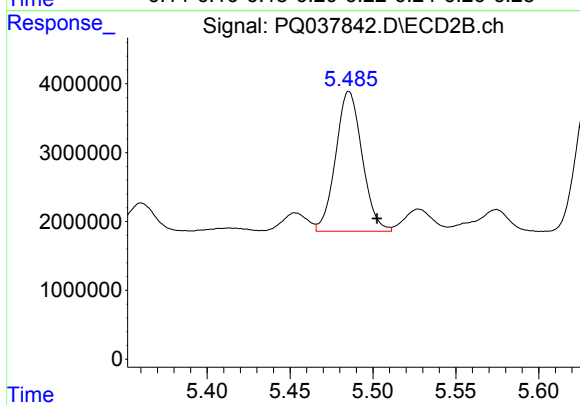
#25 AR-1248-5

R.T.: 5.528 min
Delta R.T.: -0.016 min
Response: 3804624
Conc: 34.65 ng/ml



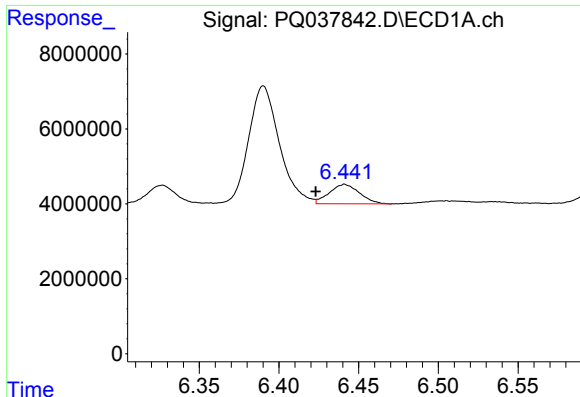
#26 AR-1254-1

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 8116803
Conc: 38.32 ng/ml



#26 AR-1254-1

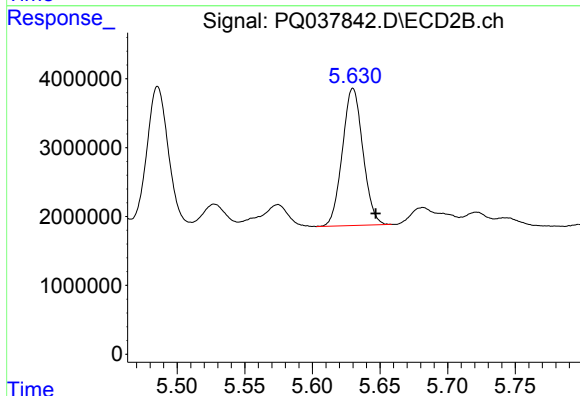
R.T.: 5.486 min
Delta R.T.: -0.017 min
Response: 22567016
Conc: 136.10 ng/ml



#27 AR-1254-2

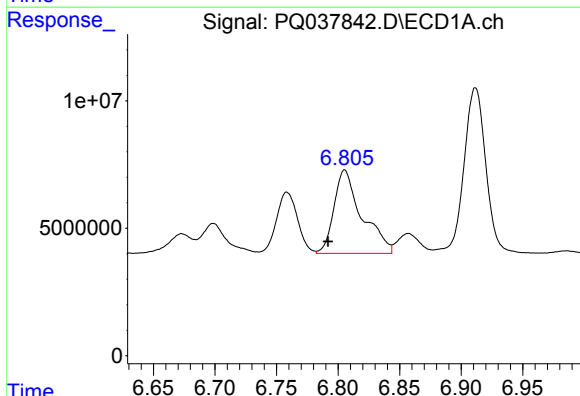
R.T.: 6.441 min
Delta R.T.: 0.018 min
Response: 6907642
Conc: 20.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



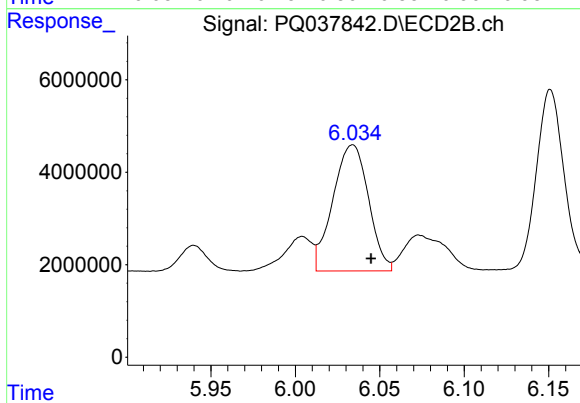
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: -0.017 min
Response: 21058602
Conc: 147.87 ng/ml



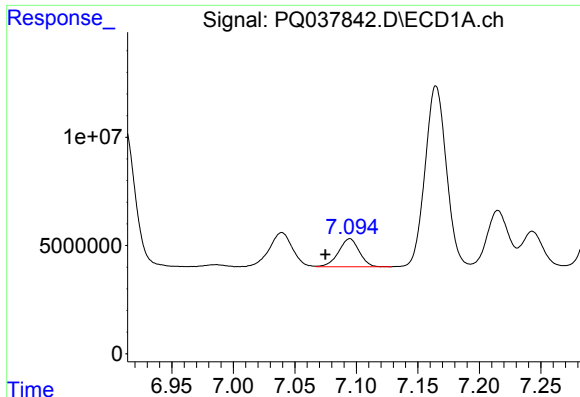
#28 AR-1254-3

R.T.: 6.805 min
Delta R.T.: 0.014 min
Response: 51667821
Conc: 148.87 ng/ml



#28 AR-1254-3

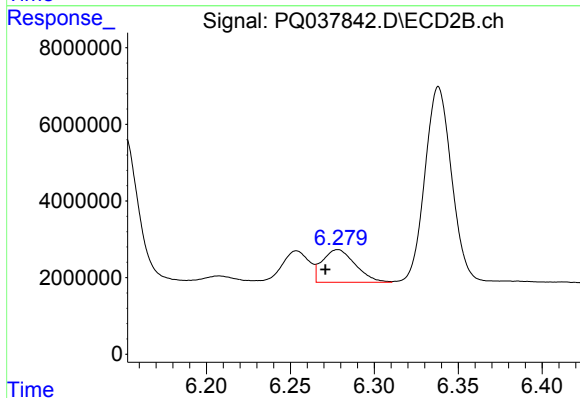
R.T.: 6.034 min
Delta R.T.: -0.011 min
Response: 39988157
Conc: 175.26 ng/ml



#29 AR-1254-4

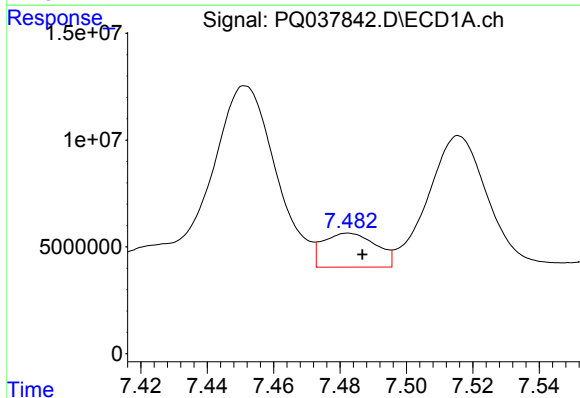
R.T.: 7.095 min
Delta R.T.: 0.020 min
Response: 15241303
Conc: 55.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



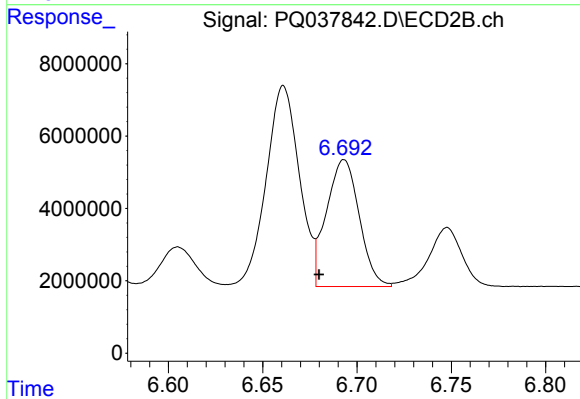
#29 AR-1254-4

R.T.: 6.278 min
Delta R.T.: 0.007 min
Response: 11626869
Conc: 67.70 ng/ml



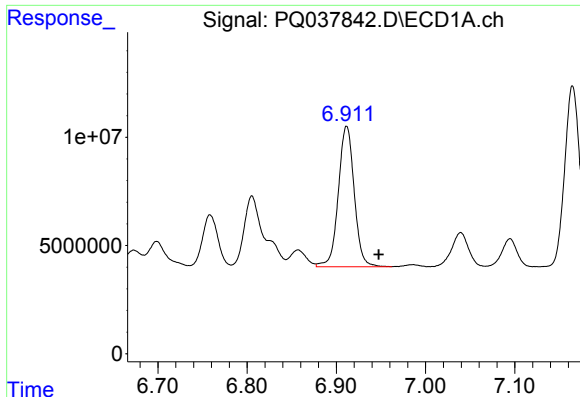
#30 AR-1254-5

R.T.: 7.483 min
Delta R.T.: -0.004 min
Response: 17608816
Conc: 63.71 ng/ml



#30 AR-1254-5

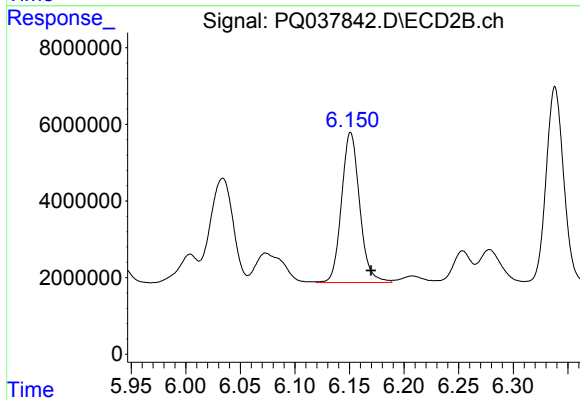
R.T.: 6.693 min
Delta R.T.: 0.013 min
Response: 42395672
Conc: 218.95 ng/ml



#31 AR-1260-1

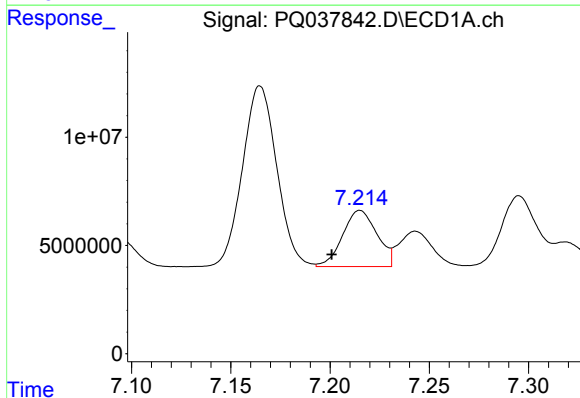
R.T.: 6.912 min
Delta R.T.: -0.036 min
Response: 80574165
Conc: 181.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



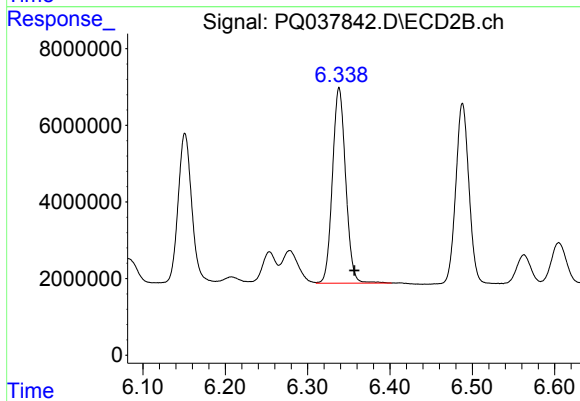
#31 AR-1260-1

R.T.: 6.151 min
Delta R.T.: -0.019 min
Response: 45326338
Conc: 178.78 ng/ml



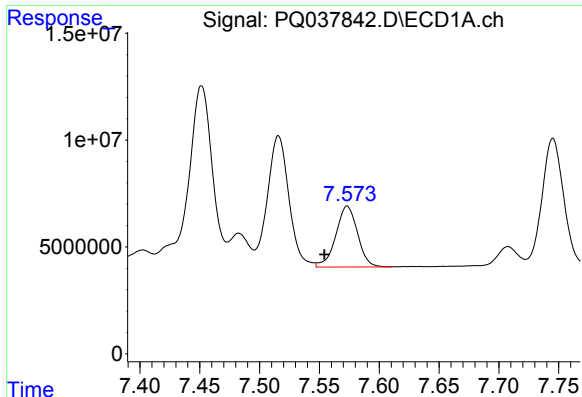
#32 AR-1260-2

R.T.: 7.215 min
Delta R.T.: 0.014 min
Response: 31252117
Conc: 54.05 ng/ml



#32 AR-1260-2

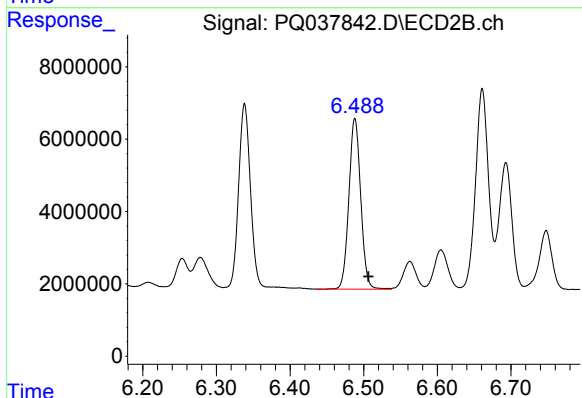
R.T.: 6.338 min
Delta R.T.: -0.018 min
Response: 56871248
Conc: 185.02 ng/ml



#33 AR-1260-3

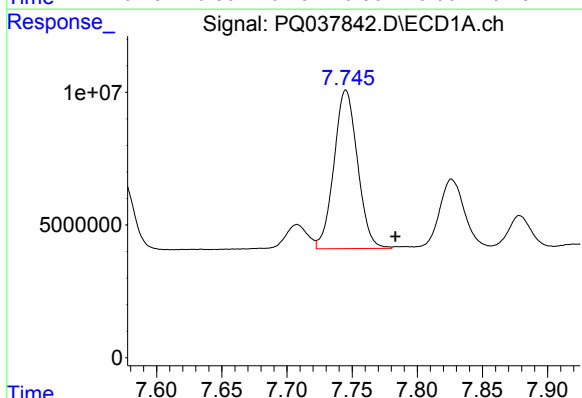
R.T.: 7.573 min
Delta R.T.: 0.019 min
Response: 36020679
Conc: 80.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



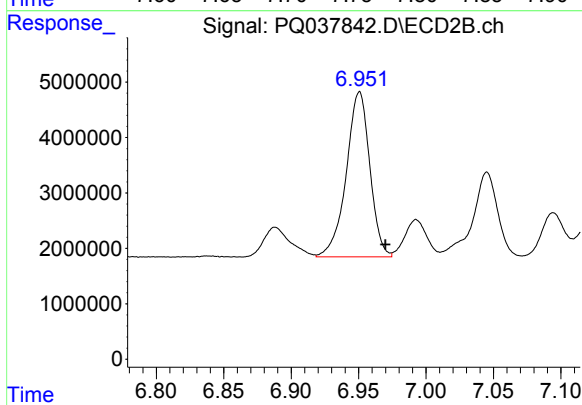
#33 AR-1260-3

R.T.: 6.488 min
Delta R.T.: -0.018 min
Response: 52818883
Conc: 186.00 ng/ml



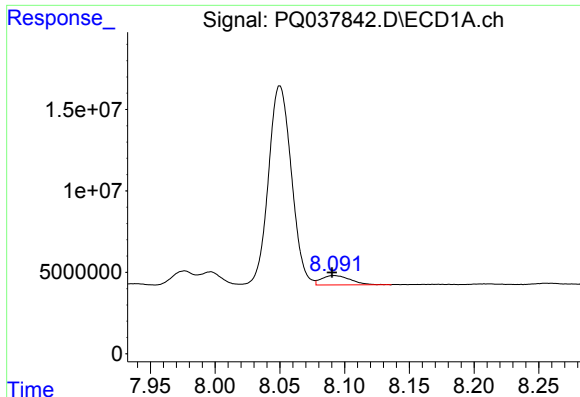
#34 AR-1260-4

R.T.: 7.745 min
Delta R.T.: -0.038 min
Response: 75049879
Conc: 171.35 ng/ml



#34 AR-1260-4

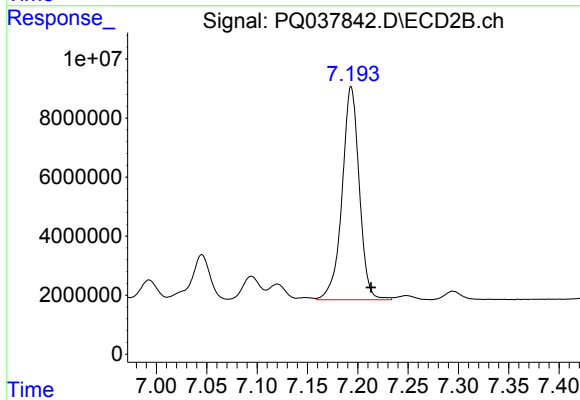
R.T.: 6.951 min
Delta R.T.: -0.019 min
Response: 36311909
Conc: 164.99 ng/ml



#35 AR-1260-5

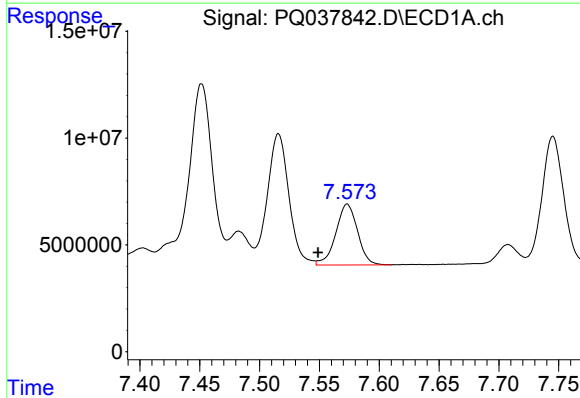
R.T.: 8.092 min
Delta R.T.: 0.001 min
Response: 9033505
Conc: 9.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



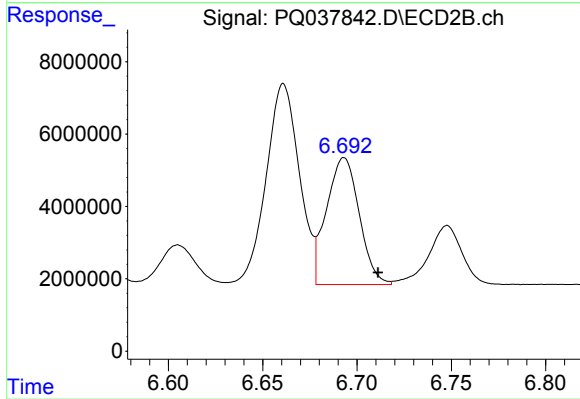
#35 AR-1260-5

R.T.: 7.194 min
Delta R.T.: -0.020 min
Response: 85782961
Conc: 162.47 ng/ml



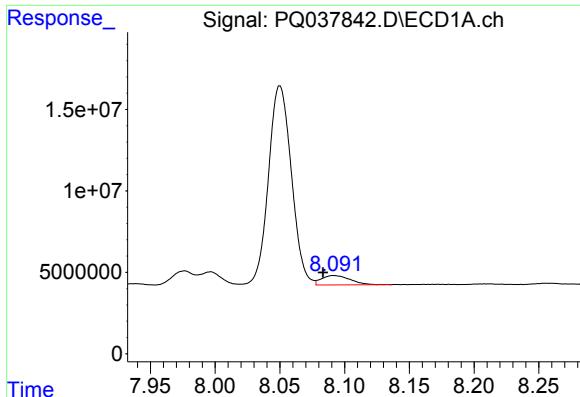
#36 AR-1262-1

R.T.: 7.573 min
Delta R.T.: 0.024 min
Response: 36020679
Conc: 90.18 ng/ml



#36 AR-1262-1

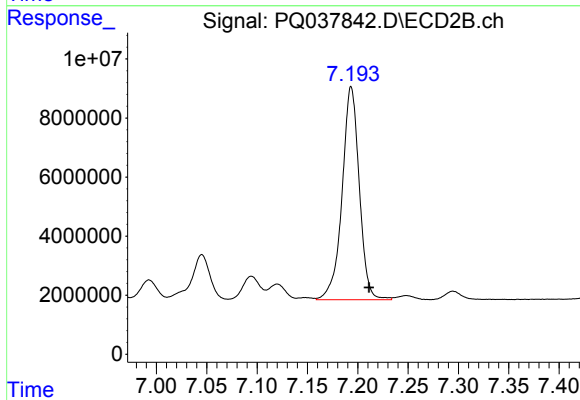
R.T.: 6.693 min
Delta R.T.: -0.018 min
Response: 42395672
Conc: 202.58 ng/ml



#37 AR-1262-2

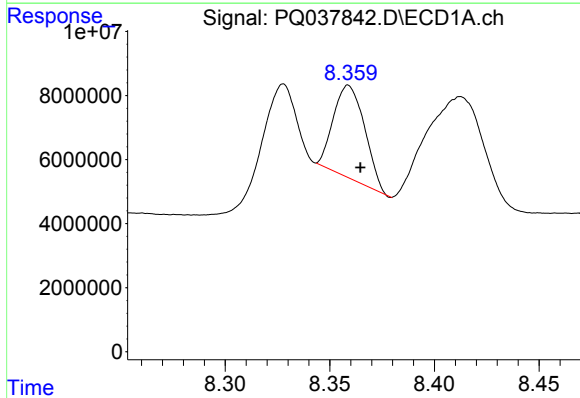
R.T.: 8.092 min
Delta R.T.: 0.008 min
Response: 9033505
Conc: 13.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



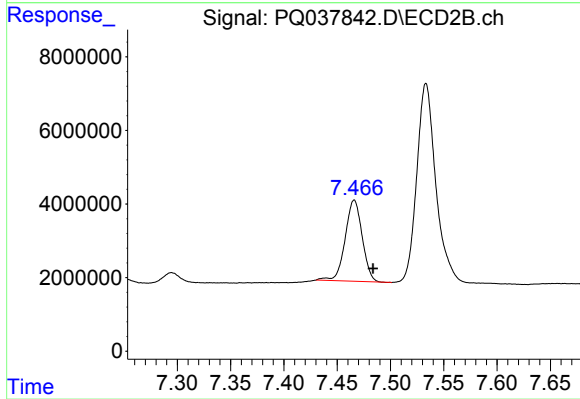
#37 AR-1262-2

R.T.: 7.194 min
Delta R.T.: -0.018 min
Response: 85782961
Conc: 231.56 ng/ml



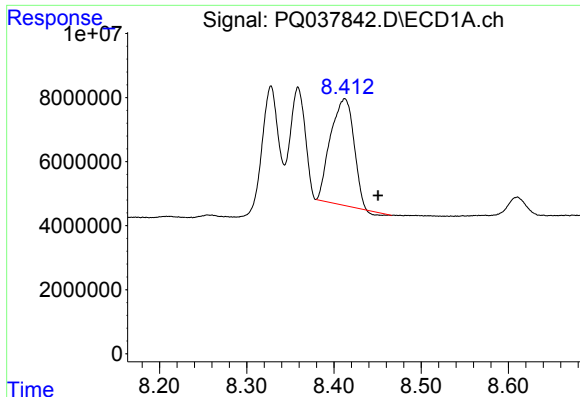
#38 AR-1262-3

R.T.: 8.359 min
Delta R.T.: -0.006 min
Response: 30041128
Conc: 100.33 ng/ml



#38 AR-1262-3

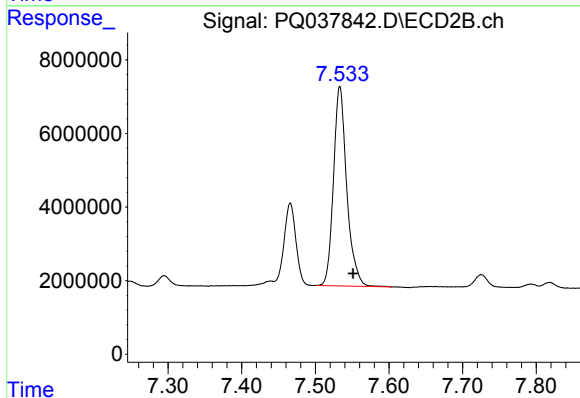
R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 24601676
Conc: 168.32 ng/ml



#39 AR-1262-4

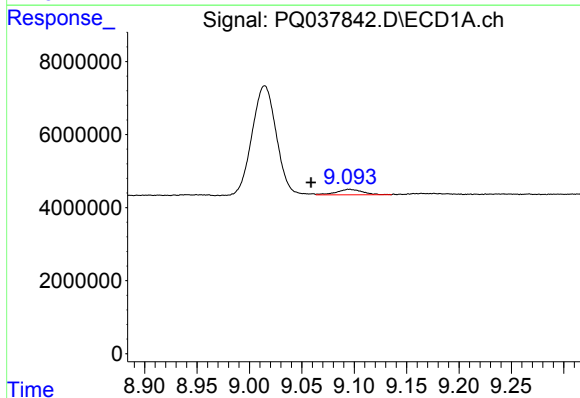
R.T.: 8.412 min
Delta R.T.: -0.038 min
Response: 60997907
Conc: 173.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



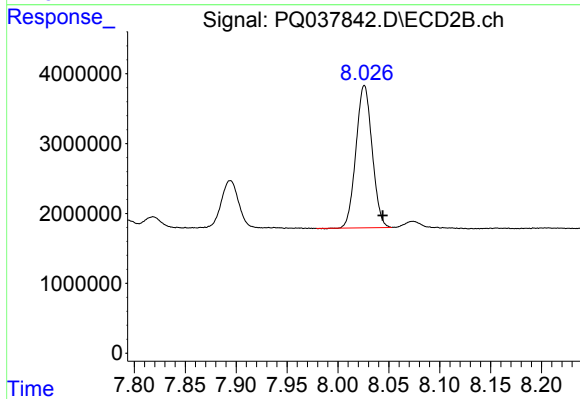
#39 AR-1262-4

R.T.: 7.533 min
Delta R.T.: -0.018 min
Response: 67936618
Conc: 254.75 ng/ml



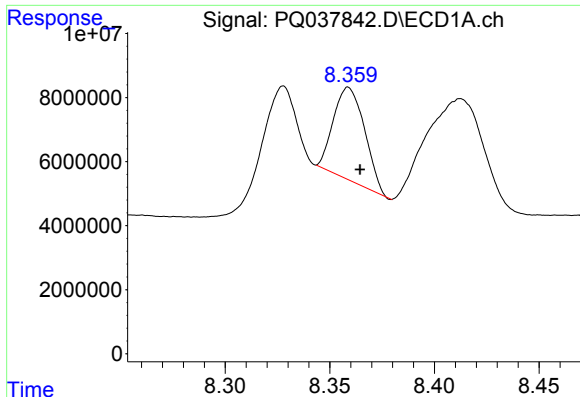
#40 AR-1262-5

R.T.: 9.095 min
Delta R.T.: 0.036 min
Response: 2571607
Conc: 10.78 ng/ml



#40 AR-1262-5

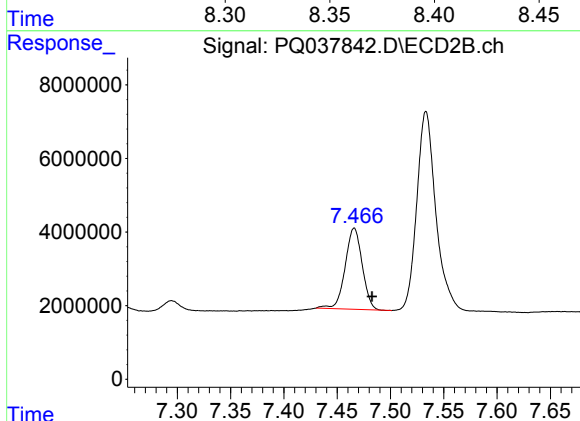
R.T.: 8.026 min
Delta R.T.: -0.018 min
Response: 22508848
Conc: 192.66 ng/ml



#41 AR-1268-1

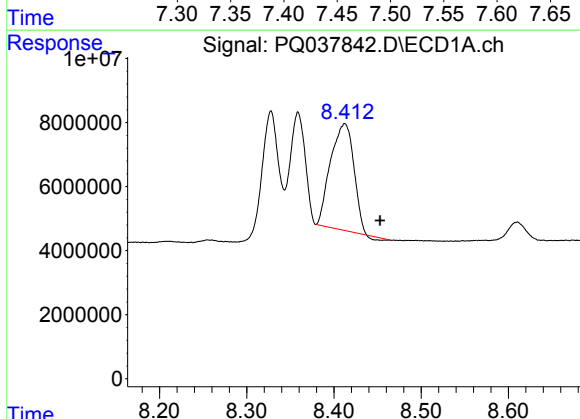
R.T.: 8.359 min
Delta R.T.: -0.006 min
Response: 30041128
Conc: 22.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



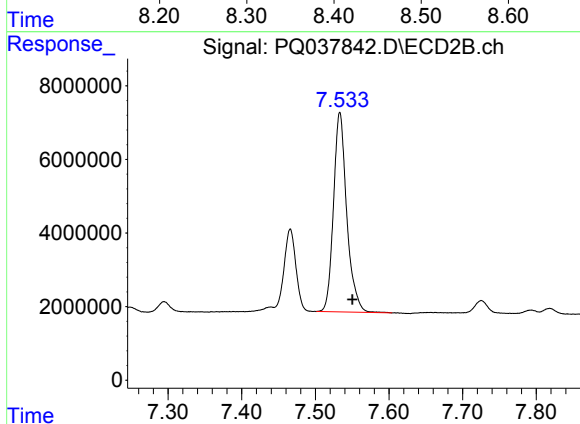
#41 AR-1268-1

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 24601676
Conc: 37.56 ng/ml



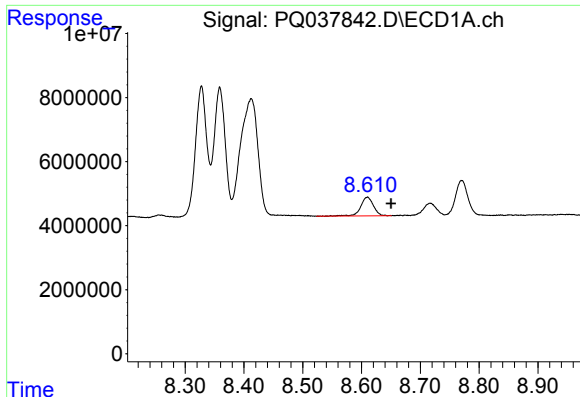
#42 AR-1268-2

R.T.: 8.412 min
Delta R.T.: -0.040 min
Response: 60997907
Conc: 49.52 ng/ml



#42 AR-1268-2

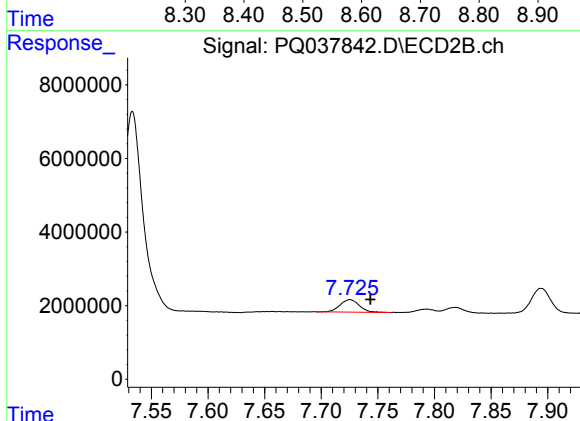
R.T.: 7.533 min
Delta R.T.: -0.017 min
Response: 67936618
Conc: 113.60 ng/ml



#43 AR-1268-3

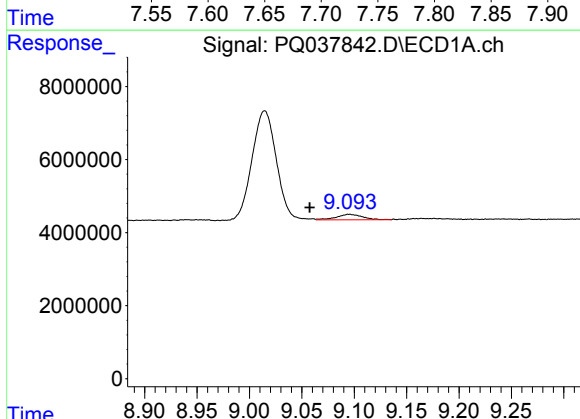
R.T.: 8.610 min
Delta R.T.: -0.040 min
Response: 8798354
Conc: 8.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



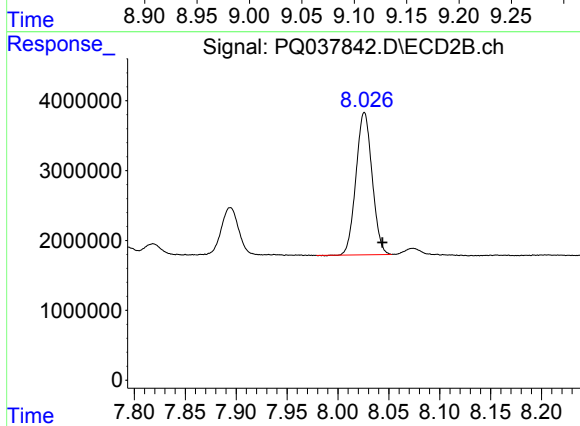
#43 AR-1268-3

R.T.: 7.725 min
Delta R.T.: -0.018 min
Response: 4002068
Conc: 8.04 ng/ml



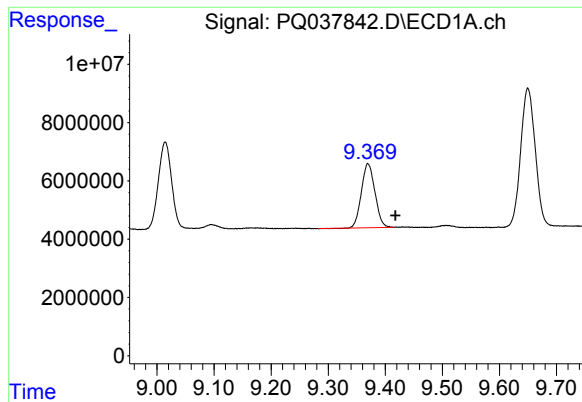
#44 AR-1268-4

R.T.: 9.095 min
Delta R.T.: 0.038 min
Response: 2571607
Conc: 6.45 ng/ml



#44 AR-1268-4

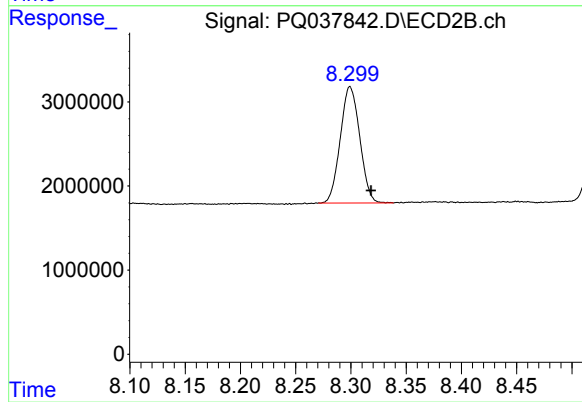
R.T.: 8.026 min
Delta R.T.: -0.018 min
Response: 22508848
Conc: 114.84 ng/ml



#45 AR-1268-5

R.T.: 9.370 min
Delta R.T.: -0.048 min
Response: 36200967
Conc: 11.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC63MS



#45 AR-1268-5

R.T.: 8.299 min
Delta R.T.: -0.019 min
Response: 17010232
Conc: 11.05 ng/ml