

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021919\
 Data File : PQ037394.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2019 13:43
 Operator : SM\SJ
 Sample : K1517-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 16:15:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 13 16:51:51 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.258	3.668	107.4E6	55061125	18.424	18.172
2)	SA Decachlor...	9.755	8.570	22033724	35187421	4.499	16.190 #
Target Compounds							
3)	L1 AR-1016-1	5.427	4.747	59408779	31143712	335.588	331.224
4)	L1 AR-1016-2	5.427	4.747	59408779	31143712	218.422	221.461
5)	L1 AR-1016-3	5.487	4.922	35994975	16135699	225.628	229.570
6)	L1 AR-1016-4	5.587	4.960	29289447	12911946	217.159	233.293
7)	L1 AR-1016-5	5.911	5.171	10514873	8925462	81.147	123.586 #
8)	L2 AR-1221-1	4.465	3.873	3106644	1723415	31.305	33.346
9)	L2 AR-1221-2	4.556	3.961	4816153	2839186	69.660	78.425
10)	L2 AR-1221-3	4.631	4.034	18491055	10311075	75.980	80.992
11)	L3 AR-1232-1	4.631	4.034	18491055	10311075	190.677	201.020
12)	L3 AR-1232-2	5.144	4.747	28848290	31143712	579.774	567.856
13)	L3 AR-1232-3	5.427	4.922	59408779	16135699	562.883	602.879
14)	L3 AR-1232-4	5.587	5.001	29289447	15676454	592.405	679.174
15)	L3 AR-1232-5	5.712	5.171	24976620	8925462	692.933	357.869 #
16)	L4 AR-1242-1	5.427	4.747	59408779	31143712	509.952	500.589
17)	L4 AR-1242-2	5.427	4.747	59408779	31143712	323.928	323.818
18)	L4 AR-1242-3	5.487	4.922	35994975	16135699	333.727	339.325
19)	L4 AR-1242-4	5.587	5.001	29289447	15676454	331.503	347.446
20)	L4 AR-1242-5	6.307	5.514	3744867	13164110	37.605	231.879 #
21)	L5 AR-1248-1	5.427	4.747	59408779	31143712	530.516	523.373
22)	L5 AR-1248-2	5.712	4.960	24976620	12911946	158.515	161.077
23)	L5 AR-1248-3	5.911	5.001	10514873	15676454	59.649	193.403 #
24)	L5 AR-1248-4	6.307	5.171	3744867	8925462	18.385	91.120 #
25)	L5 AR-1248-5	6.307	5.556	3744867	2195794	19.355	22.768
26)	L6 AR-1254-1	6.270	5.514	4434459	13164110	7.697	31.123 #
27)	L6 AR-1254-2	6.501	5.659	1534994	12011190	1.694	33.604 #
28)	L6 AR-1254-3	6.868	6.066	33065101	20277979	33.706	34.384
29)	L6 AR-1254-4	7.159	6.308	9471634	7122284	12.811	16.977 #
30)	L6 AR-1254-5	7.546	6.692	7835592	37096787	10.317	77.813 #
31)	L7 AR-1260-1	6.975	6.181	50319871	29418610	192.274	208.942
32)	L7 AR-1260-2	7.279	6.369	18093848	33833955	54.399	194.719 #
33)	L7 AR-1260-3	7.638	6.519	20957627	29237769	97.676	182.921 #
34)	L7 AR-1260-4	7.811	6.982	43301196	21725584	180.699	207.345
35)	L7 AR-1260-5	8.162	7.226	4260265	46966528	8.581	182.811 #
36)	L8 AR-1262-1	7.638	6.724	20957627	23623329	48.608	111.914 #
37)	L8 AR-1262-2	8.162	7.226	4260265	46966528	5.747	129.333 #
38)	L8 AR-1262-3	8.432	7.499	18027363	8907790	57.807	63.518
39)	L8 AR-1262-4	8.478	7.567	23407313	33405995	64.159	131.467 #
40)	L8 AR-1262-5	9.101	8.060	19380163	8855732	85.547	85.177
41)	L9 AR-1268-1	8.432	7.499	18027363	8907790	23.562	24.825

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 Operator : SM\SJ
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 Misc :
 ALS Vial : 62 Sample Multiplier: 1

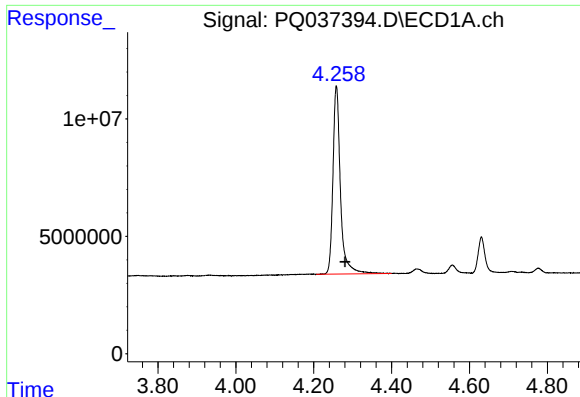
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 16:15:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.478	7.567	23407313	33405995	33.354	102.984 #
44) L9	AR-1268-4	9.101	8.060	19380163	8855732	85.167	83.338
45) L9	AR-1268-5	0.000	8.337	0	3203927	N.D.	3.871 #

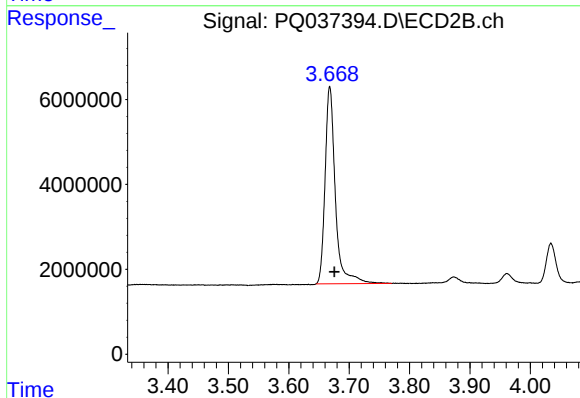
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

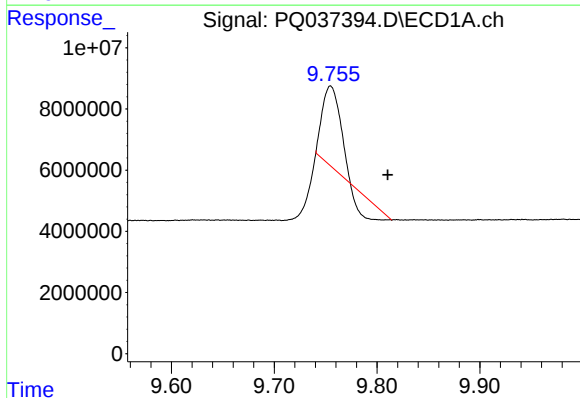
R.T.: 4.258 min
Delta R.T.: -0.022 min
Response: 107448851
Conc: 18.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



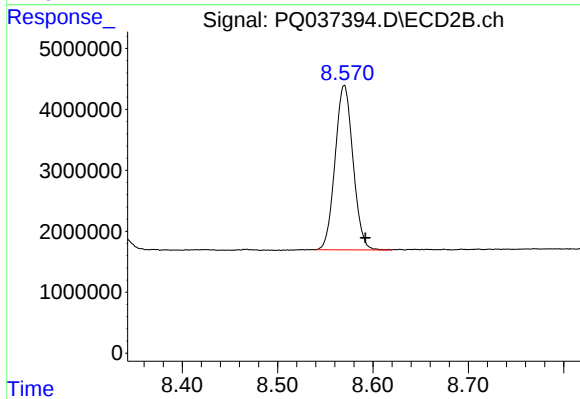
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: -0.008 min
Response: 55061125
Conc: 18.17 ng/ml



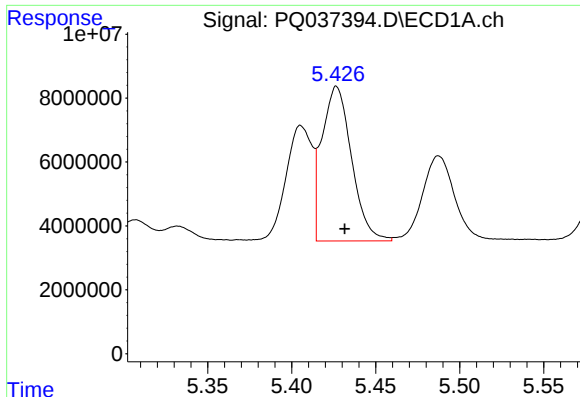
#2 Decachlorobiphenyl

R.T.: 9.755 min
Delta R.T.: -0.056 min
Response: 22033724
Conc: 4.50 ng/ml



#2 Decachlorobiphenyl

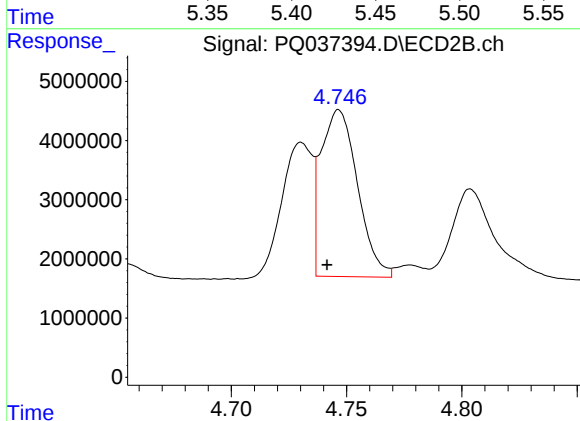
R.T.: 8.570 min
Delta R.T.: -0.022 min
Response: 35187421
Conc: 16.19 ng/ml



#3 AR-1016-1

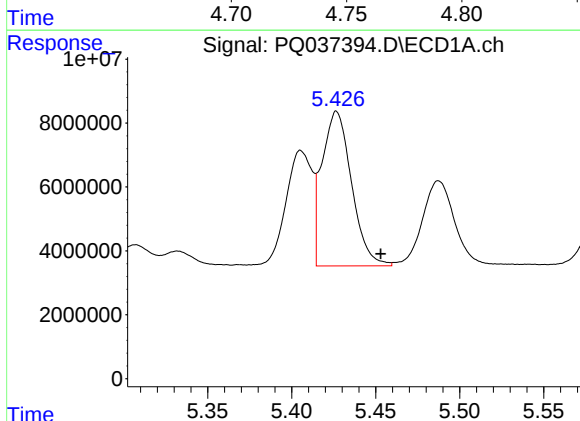
R.T.: 5.427 min
Delta R.T.: -0.005 min
Response: 59408779
Conc: 335.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



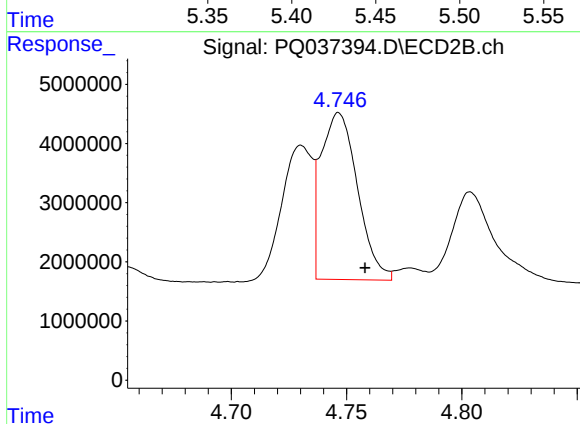
#3 AR-1016-1

R.T.: 4.747 min
Delta R.T.: 0.005 min
Response: 31143712
Conc: 331.22 ng/ml



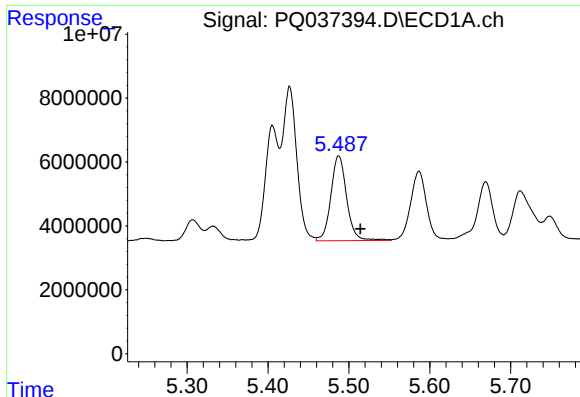
#4 AR-1016-2

R.T.: 5.427 min
Delta R.T.: -0.026 min
Response: 59408779
Conc: 218.42 ng/ml



#4 AR-1016-2

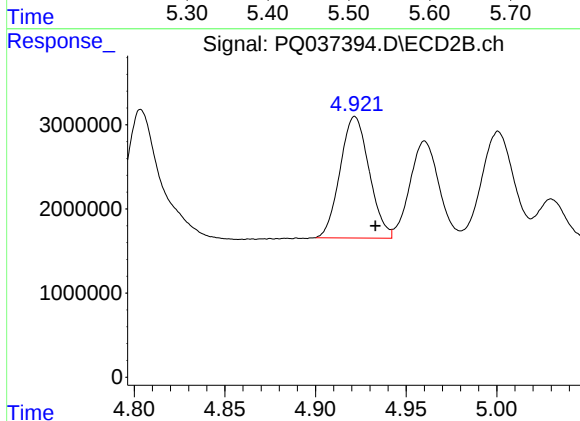
R.T.: 4.747 min
Delta R.T.: -0.011 min
Response: 31143712
Conc: 221.46 ng/ml



#5 AR-1016-3

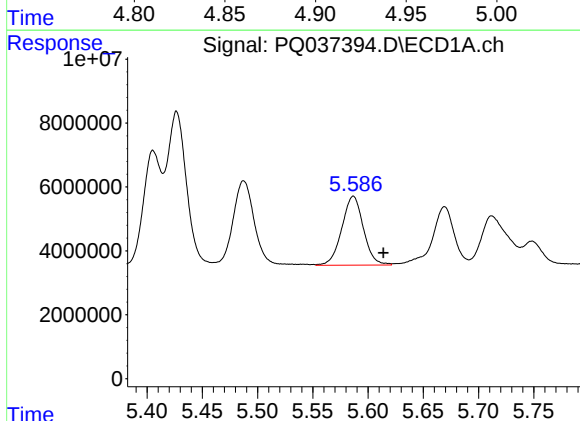
R.T.: 5.487 min
Delta R.T.: -0.027 min
Response: 35994975
Conc: 225.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



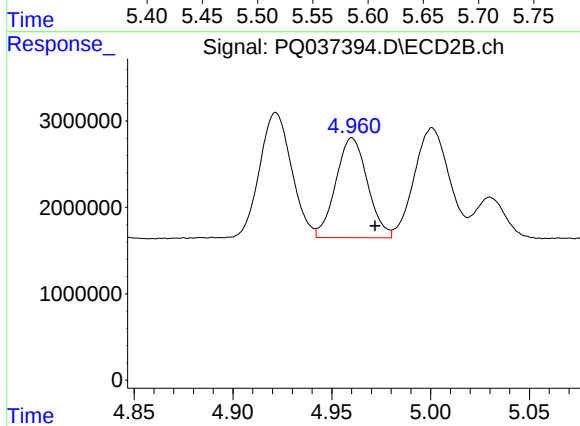
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: -0.011 min
Response: 16135699
Conc: 229.57 ng/ml



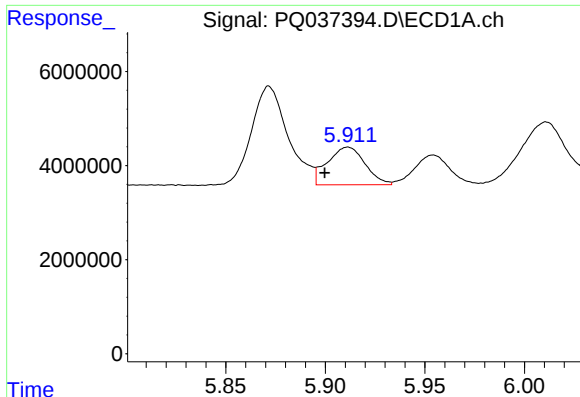
#6 AR-1016-4

R.T.: 5.587 min
Delta R.T.: -0.027 min
Response: 29289447
Conc: 217.16 ng/ml



#6 AR-1016-4

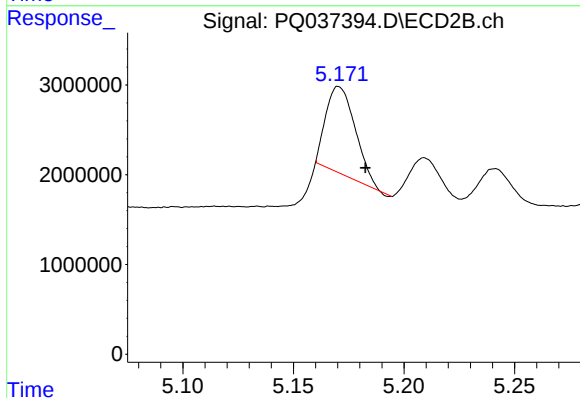
R.T.: 4.960 min
Delta R.T.: -0.012 min
Response: 12911946
Conc: 233.29 ng/ml



#7 AR-1016-5

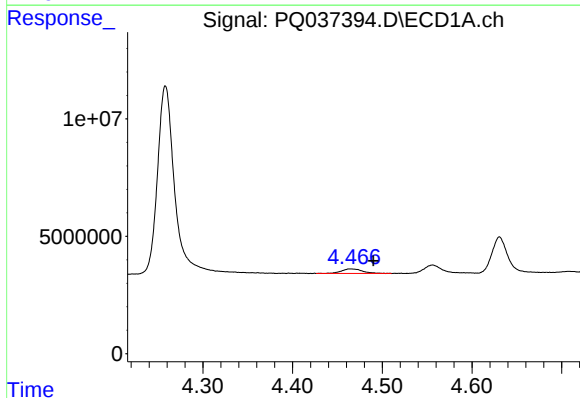
R.T.: 5.911 min
Delta R.T.: 0.012 min
Response: 10514873
Conc: 81.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



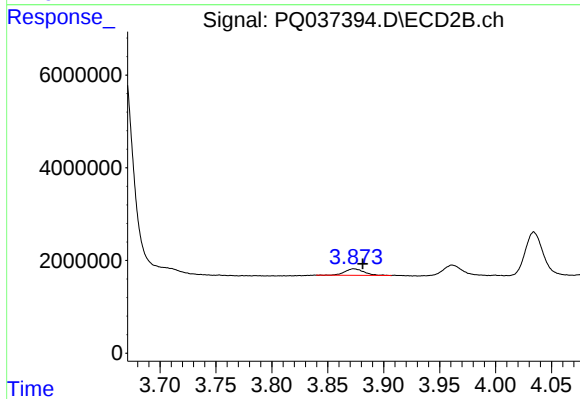
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.012 min
Response: 8925462
Conc: 123.59 ng/ml



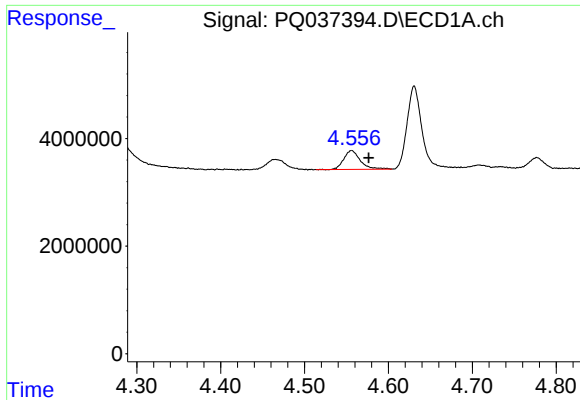
#8 AR-1221-1

R.T.: 4.465 min
Delta R.T.: -0.025 min
Response: 3106644
Conc: 31.30 ng/ml



#8 AR-1221-1

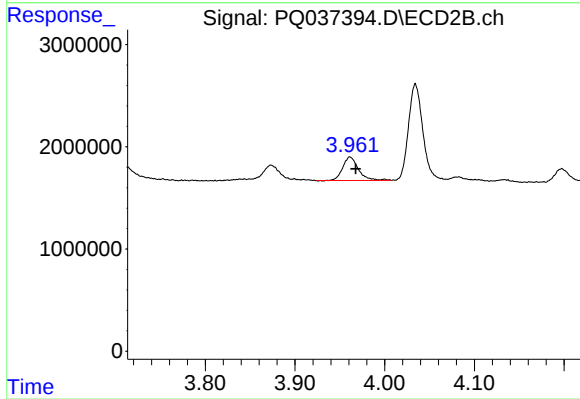
R.T.: 3.873 min
Delta R.T.: -0.008 min
Response: 1723415
Conc: 33.35 ng/ml



#9 AR-1221-2

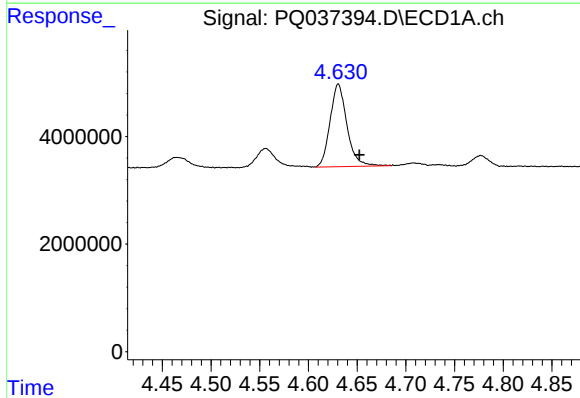
R.T.: 4.556 min
Delta R.T.: -0.020 min
Response: 4816153
Conc: 69.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



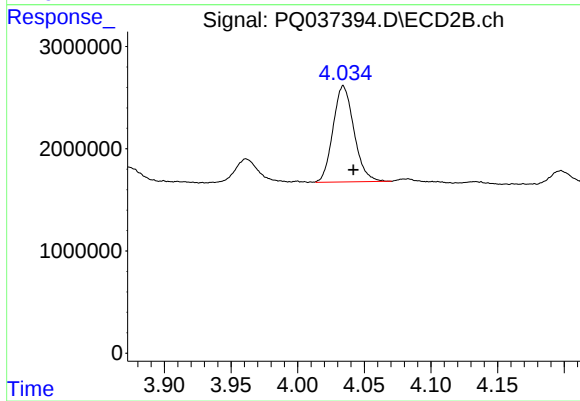
#9 AR-1221-2

R.T.: 3.961 min
Delta R.T.: -0.006 min
Response: 2839186
Conc: 78.43 ng/ml



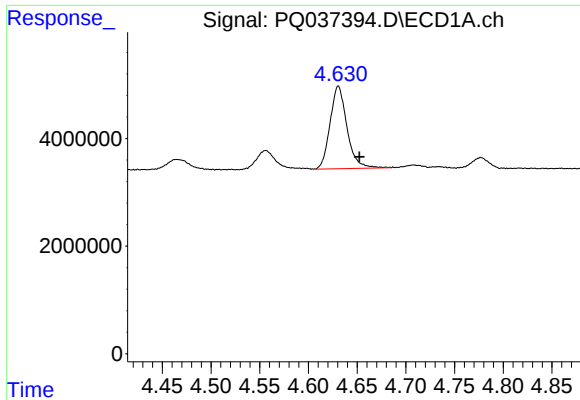
#10 AR-1221-3

R.T.: 4.631 min
Delta R.T.: -0.022 min
Response: 18491055
Conc: 75.98 ng/ml



#10 AR-1221-3

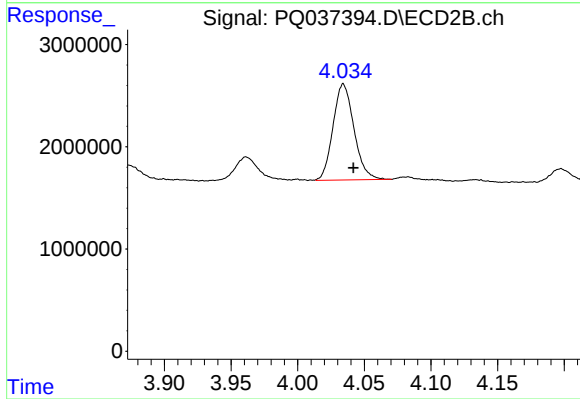
R.T.: 4.034 min
Delta R.T.: -0.008 min
Response: 10311075
Conc: 80.99 ng/ml



#11 AR-1232-1

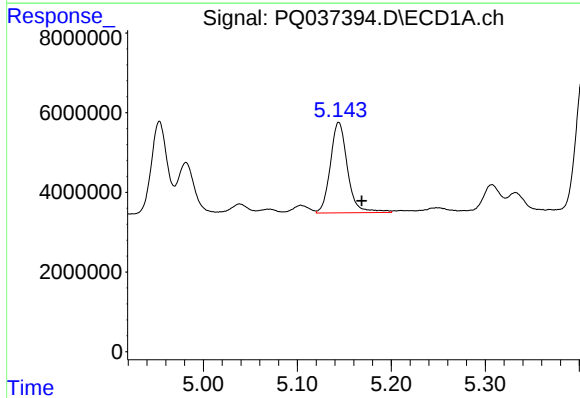
R.T.: 4.631 min
Delta R.T.: -0.022 min
Response: 18491055
Conc: 190.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



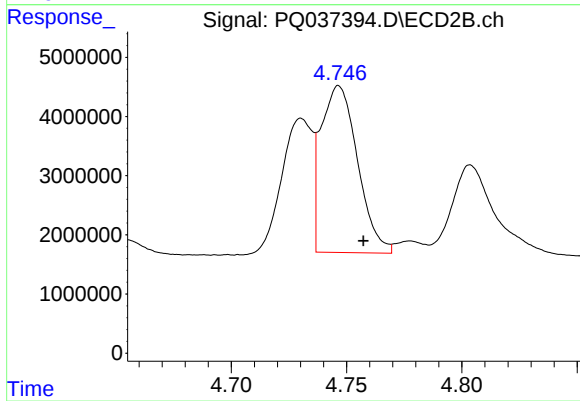
#11 AR-1232-1

R.T.: 4.034 min
Delta R.T.: -0.008 min
Response: 10311075
Conc: 201.02 ng/ml



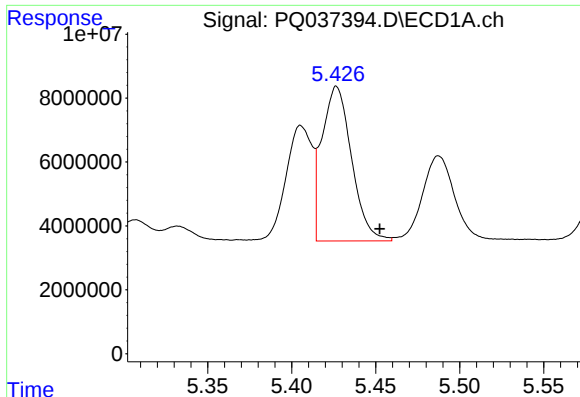
#12 AR-1232-2

R.T.: 5.144 min
Delta R.T.: -0.025 min
Response: 28848290
Conc: 579.77 ng/ml



#12 AR-1232-2

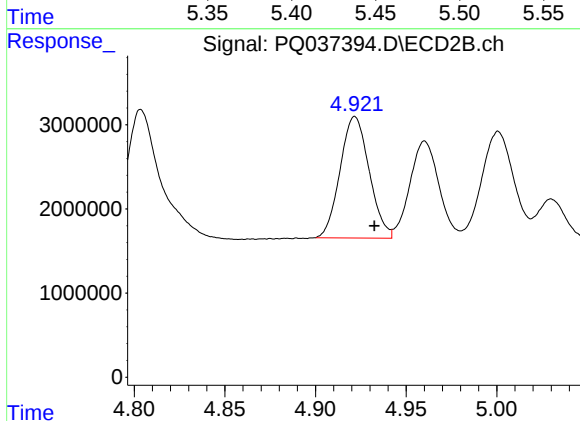
R.T.: 4.747 min
Delta R.T.: -0.011 min
Response: 31143712
Conc: 567.86 ng/ml



#13 AR-1232-3

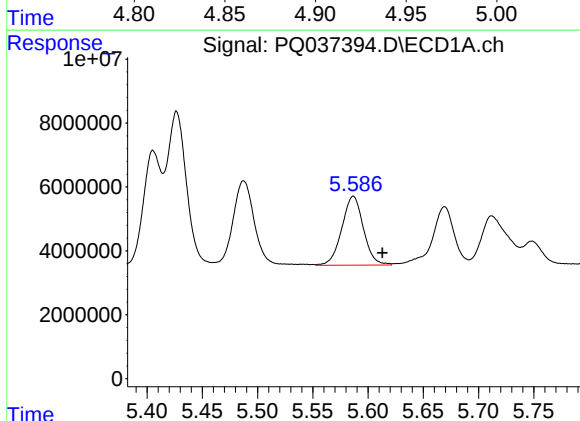
R.T.: 5.427 min
Delta R.T.: -0.026 min
Response: 59408779
Conc: 562.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



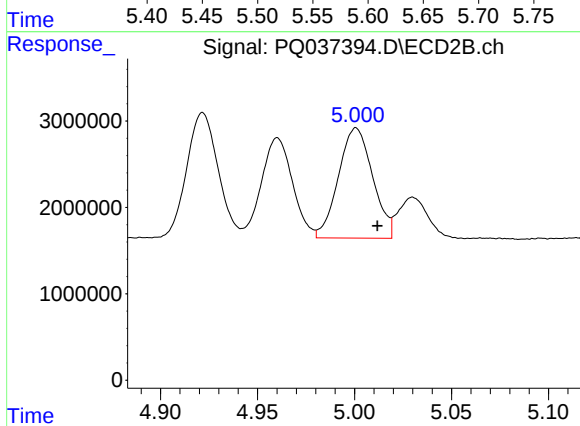
#13 AR-1232-3

R.T.: 4.922 min
Delta R.T.: -0.011 min
Response: 16135699
Conc: 602.88 ng/ml



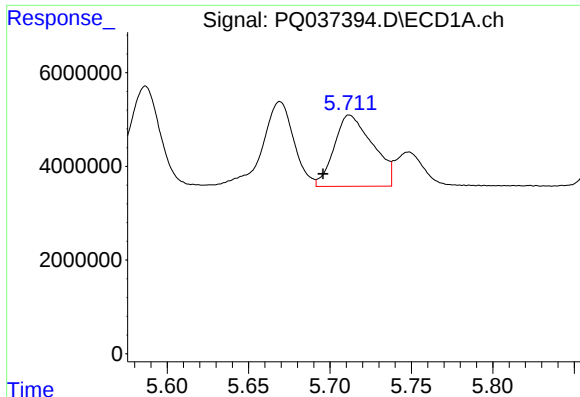
#14 AR-1232-4

R.T.: 5.587 min
Delta R.T.: -0.026 min
Response: 29289447
Conc: 592.40 ng/ml



#14 AR-1232-4

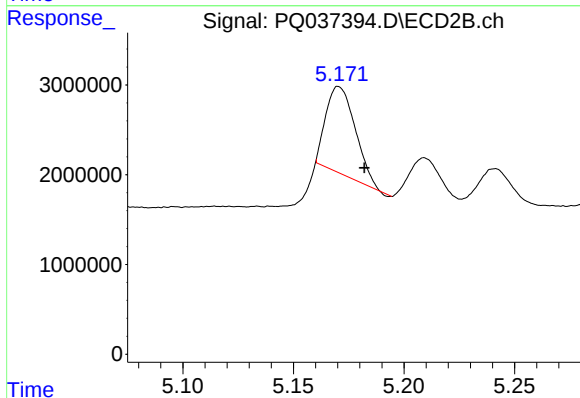
R.T.: 5.001 min
Delta R.T.: -0.011 min
Response: 15676454
Conc: 679.17 ng/ml



#15 AR-1232-5

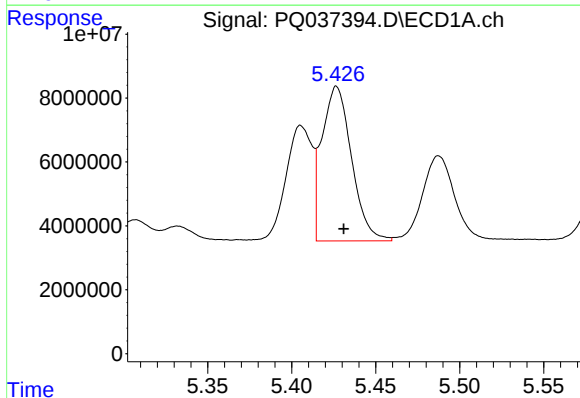
R.T.: 5.712 min
Delta R.T.: 0.016 min
Response: 24976620
Conc: 692.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



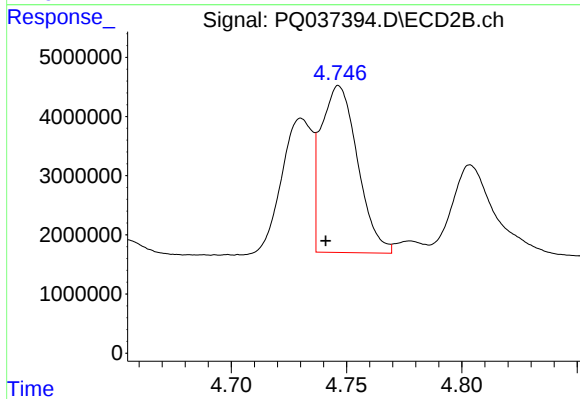
#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: -0.012 min
Response: 8925462
Conc: 357.87 ng/ml



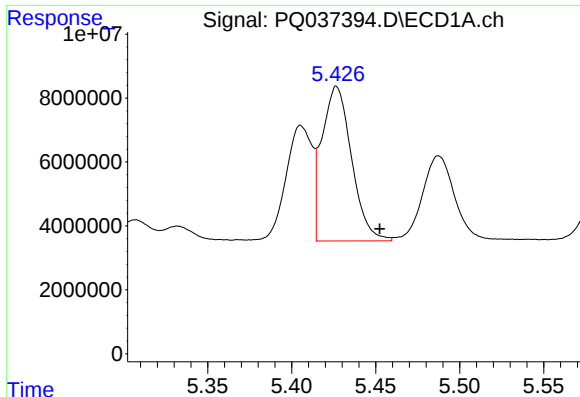
#16 AR-1242-1

R.T.: 5.427 min
Delta R.T.: -0.004 min
Response: 59408779
Conc: 509.95 ng/ml



#16 AR-1242-1

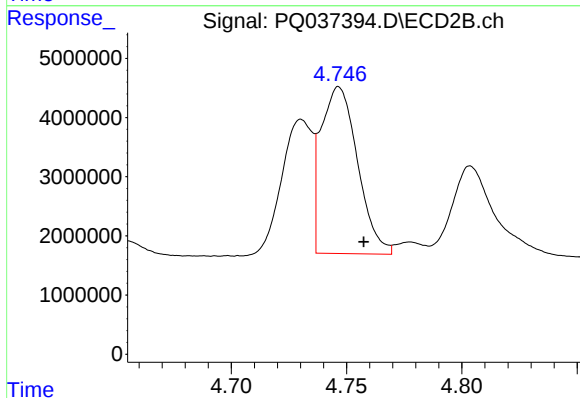
R.T.: 4.747 min
Delta R.T.: 0.006 min
Response: 31143712
Conc: 500.59 ng/ml



#17 AR-1242-2

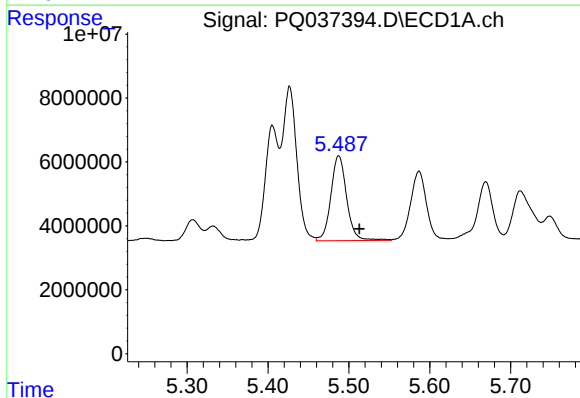
R.T.: 5.427 min
Delta R.T.: -0.026 min
Response: 59408779
Conc: 323.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



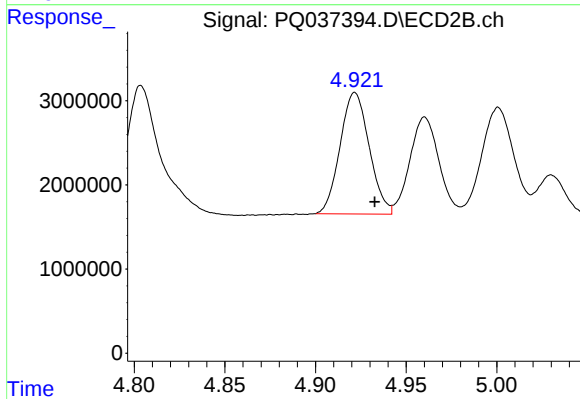
#17 AR-1242-2

R.T.: 4.747 min
Delta R.T.: -0.011 min
Response: 31143712
Conc: 323.82 ng/ml



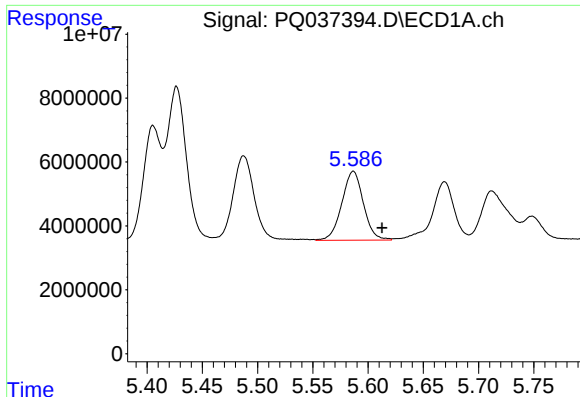
#18 AR-1242-3

R.T.: 5.487 min
Delta R.T.: -0.025 min
Response: 35994975
Conc: 333.73 ng/ml



#18 AR-1242-3

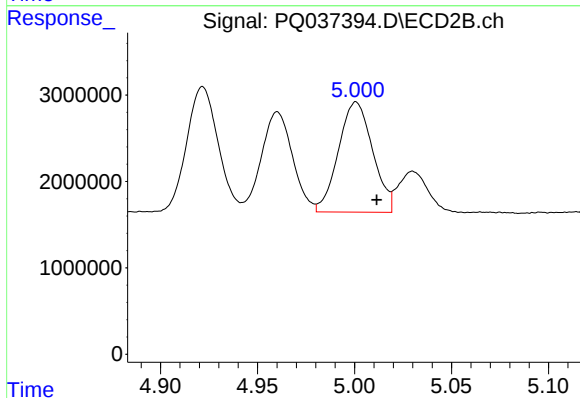
R.T.: 4.922 min
Delta R.T.: -0.011 min
Response: 16135699
Conc: 339.33 ng/ml



#19 AR-1242-4

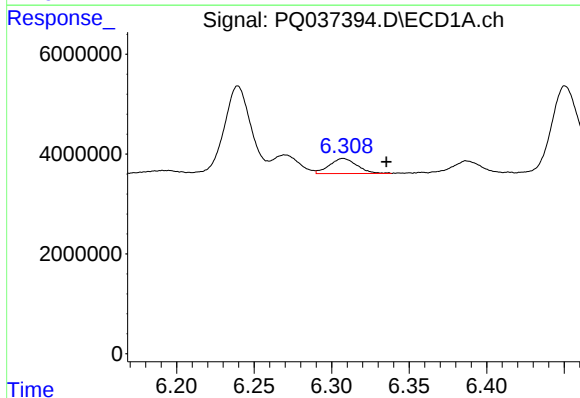
R.T.: 5.587 min
Delta R.T.: -0.026 min
Response: 29289447
Conc: 331.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



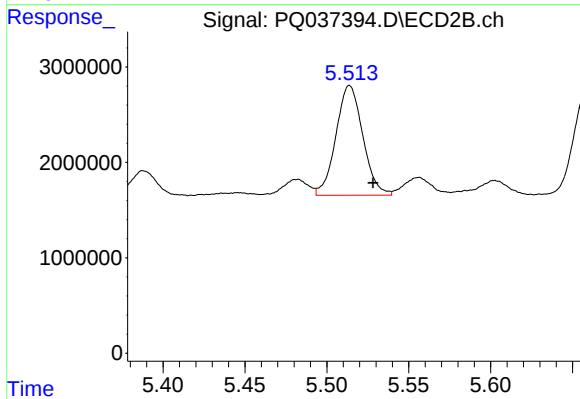
#19 AR-1242-4

R.T.: 5.001 min
Delta R.T.: -0.011 min
Response: 15676454
Conc: 347.45 ng/ml



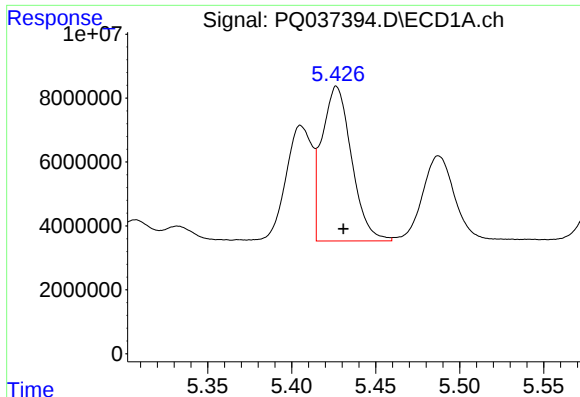
#20 AR-1242-5

R.T.: 6.307 min
Delta R.T.: -0.028 min
Response: 3744867
Conc: 37.60 ng/ml



#20 AR-1242-5

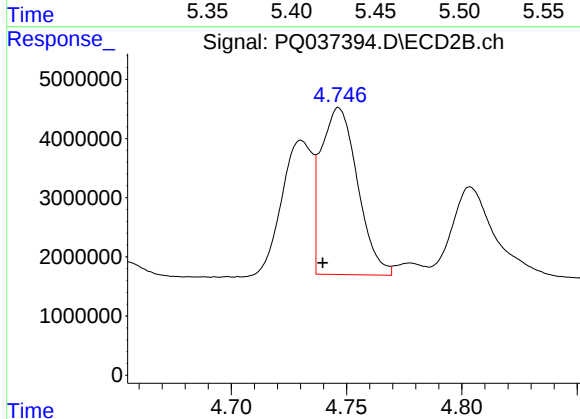
R.T.: 5.514 min
Delta R.T.: -0.014 min
Response: 13164110
Conc: 231.88 ng/ml



#21 AR-1248-1

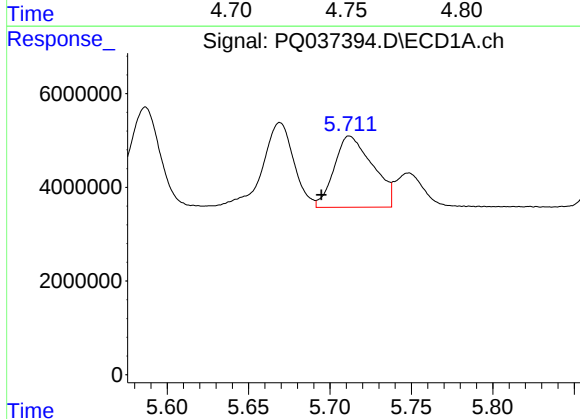
R.T.: 5.427 min
Delta R.T.: -0.004 min
Response: 59408779
Conc: 530.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



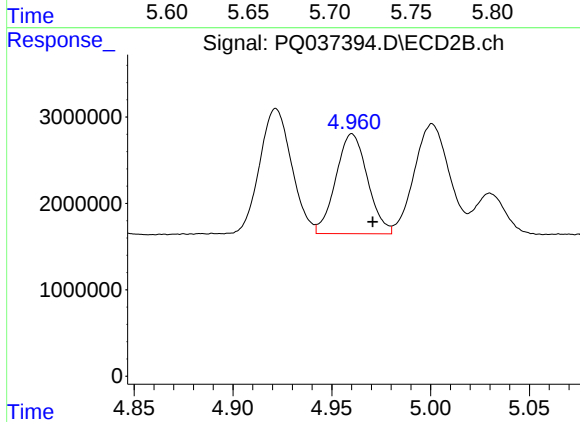
#21 AR-1248-1

R.T.: 4.747 min
Delta R.T.: 0.007 min
Response: 31143712
Conc: 523.37 ng/ml



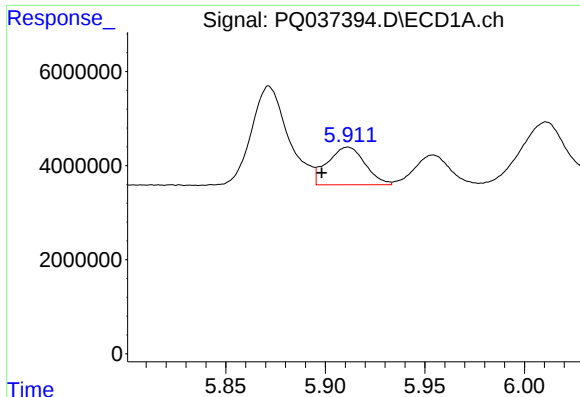
#22 AR-1248-2

R.T.: 5.712 min
Delta R.T.: 0.017 min
Response: 24976620
Conc: 158.52 ng/ml



#22 AR-1248-2

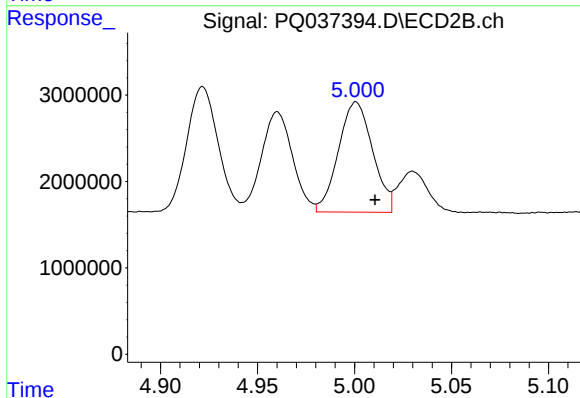
R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 12911946
Conc: 161.08 ng/ml



#23 AR-1248-3

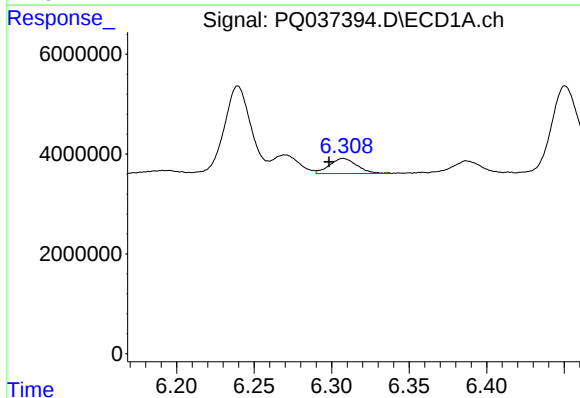
R.T.: 5.911 min
Delta R.T.: 0.013 min
Response: 10514873
Conc: 59.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



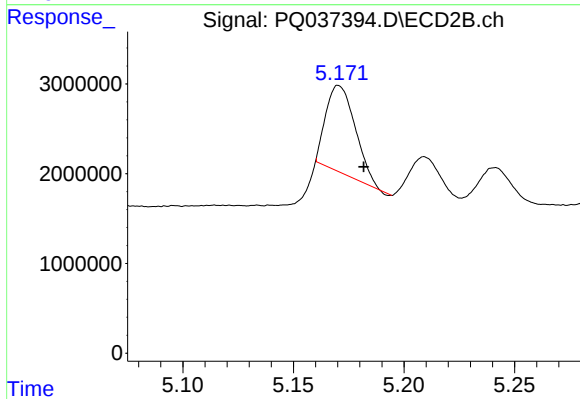
#23 AR-1248-3

R.T.: 5.001 min
Delta R.T.: -0.010 min
Response: 15676454
Conc: 193.40 ng/ml



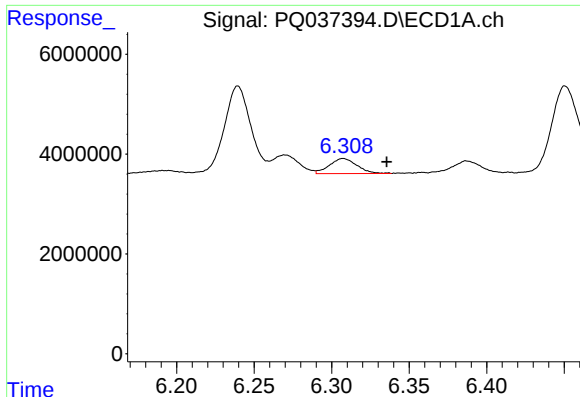
#24 AR-1248-4

R.T.: 6.307 min
Delta R.T.: 0.009 min
Response: 3744867
Conc: 18.39 ng/ml



#24 AR-1248-4

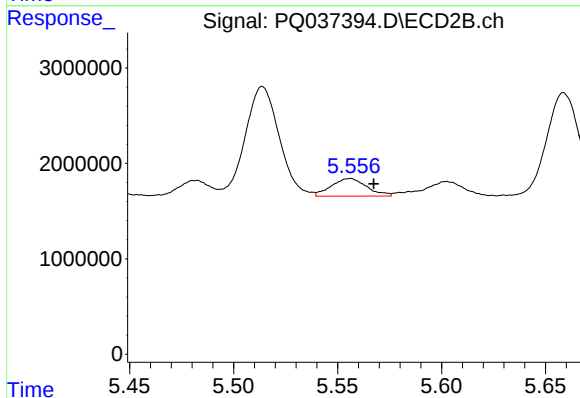
R.T.: 5.171 min
Delta R.T.: -0.011 min
Response: 8925462
Conc: 91.12 ng/ml



#25 AR-1248-5

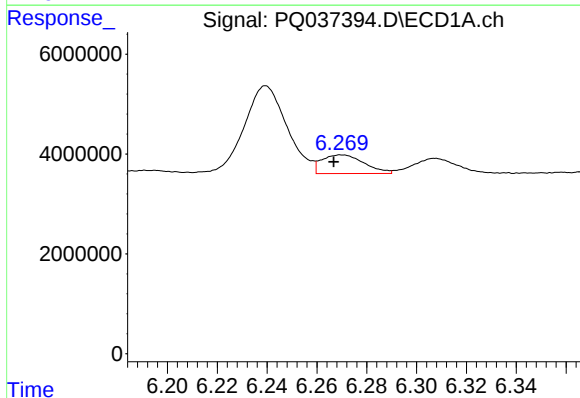
R.T.: 6.307 min
Delta R.T.: -0.028 min
Response: 3744867
Conc: 19.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



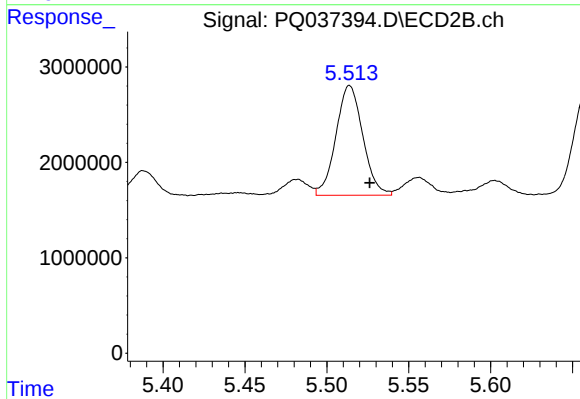
#25 AR-1248-5

R.T.: 5.556 min
Delta R.T.: -0.011 min
Response: 2195794
Conc: 22.77 ng/ml



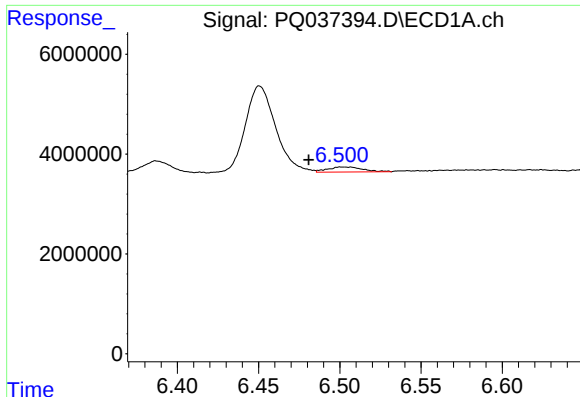
#26 AR-1254-1

R.T.: 6.270 min
Delta R.T.: 0.003 min
Response: 4434459
Conc: 7.70 ng/ml



#26 AR-1254-1

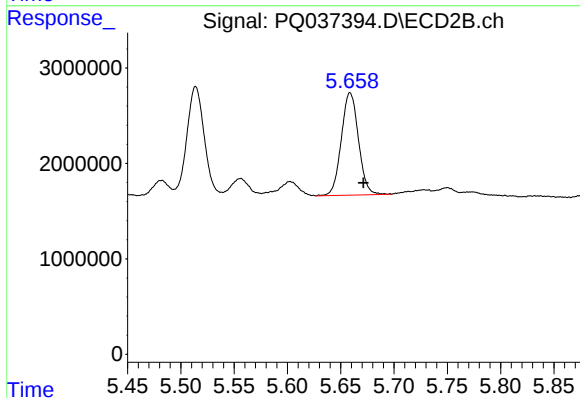
R.T.: 5.514 min
Delta R.T.: -0.012 min
Response: 13164110
Conc: 31.12 ng/ml



#27 AR-1254-2

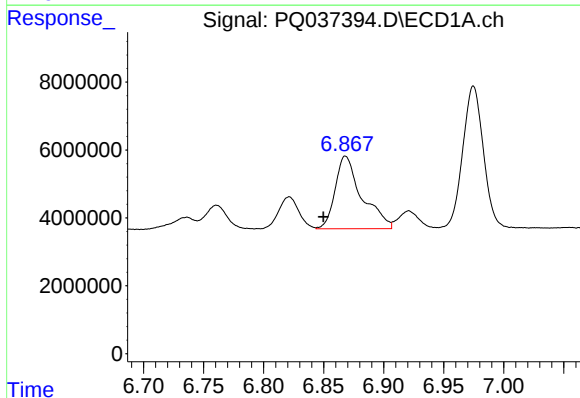
R.T.: 6.501 min
Delta R.T.: 0.021 min
Response: 1534994
Conc: 1.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



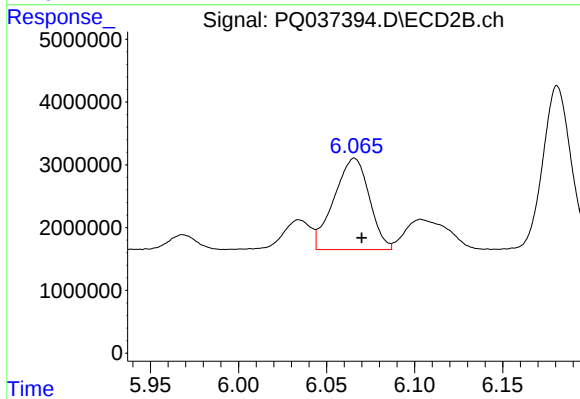
#27 AR-1254-2

R.T.: 5.659 min
Delta R.T.: -0.013 min
Response: 12011190
Conc: 33.60 ng/ml



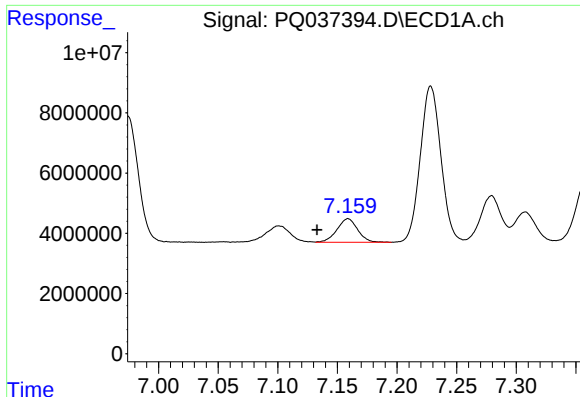
#28 AR-1254-3

R.T.: 6.868 min
Delta R.T.: 0.018 min
Response: 33065101
Conc: 33.71 ng/ml



#28 AR-1254-3

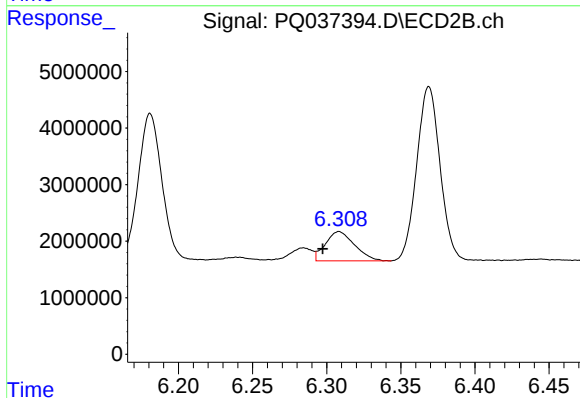
R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 20277979
Conc: 34.38 ng/ml



#29 AR-1254-4

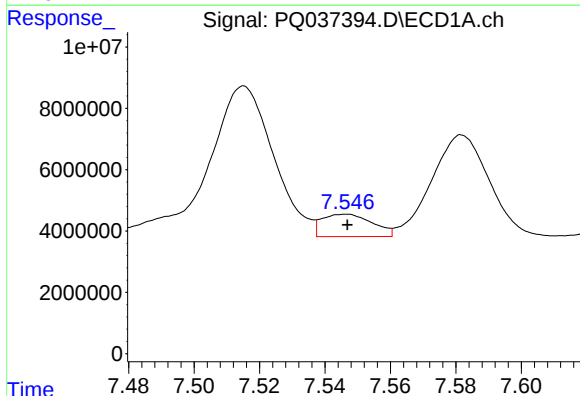
R.T.: 7.159 min
Delta R.T.: 0.026 min
Response: 9471634
Conc: 12.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



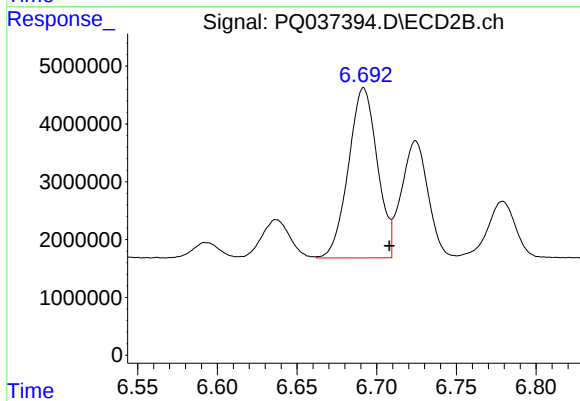
#29 AR-1254-4

R.T.: 6.308 min
Delta R.T.: 0.011 min
Response: 7122284
Conc: 16.98 ng/ml



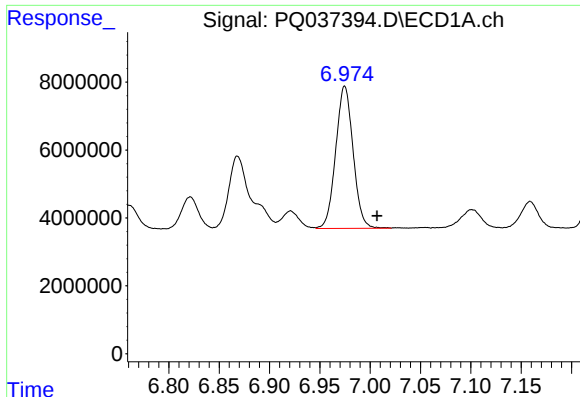
#30 AR-1254-5

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 7835592
Conc: 10.32 ng/ml



#30 AR-1254-5

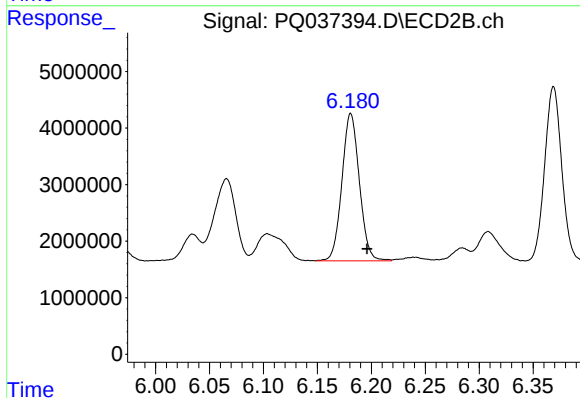
R.T.: 6.692 min
Delta R.T.: -0.016 min
Response: 37096787
Conc: 77.81 ng/ml



#31 AR-1260-1

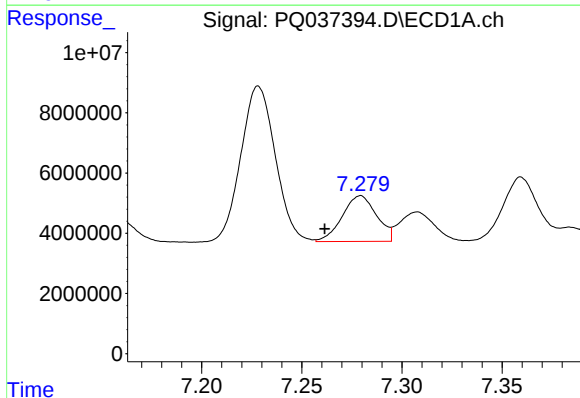
R.T.: 6.975 min
Delta R.T.: -0.032 min
Response: 50319871
Conc: 192.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



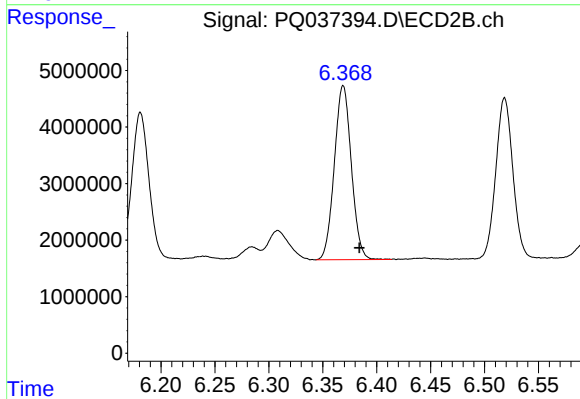
#31 AR-1260-1

R.T.: 6.181 min
Delta R.T.: -0.015 min
Response: 29418610
Conc: 208.94 ng/ml



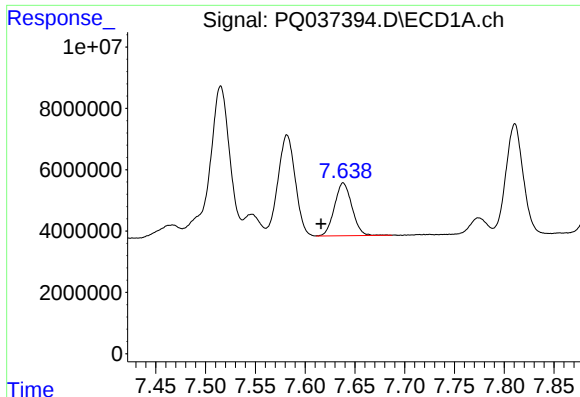
#32 AR-1260-2

R.T.: 7.279 min
Delta R.T.: 0.018 min
Response: 18093848
Conc: 54.40 ng/ml



#32 AR-1260-2

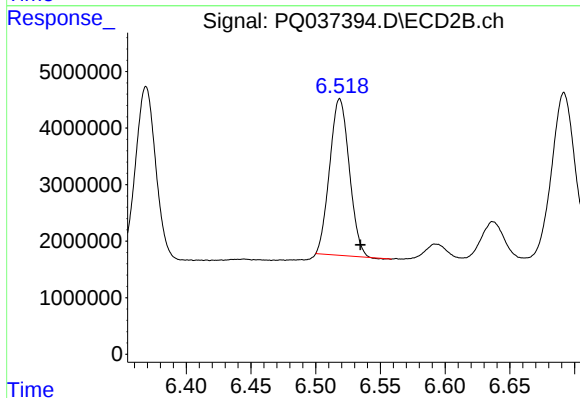
R.T.: 6.369 min
Delta R.T.: -0.015 min
Response: 33833955
Conc: 194.72 ng/ml



#33 AR-1260-3

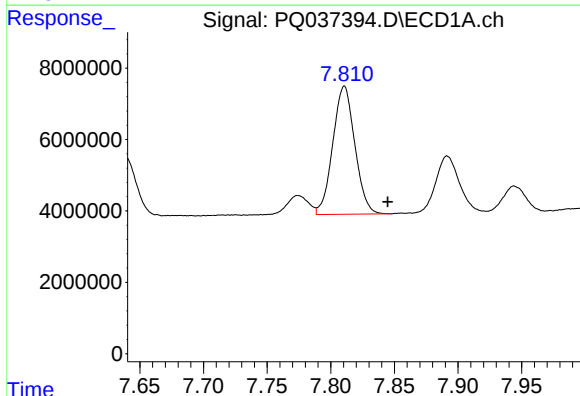
R.T.: 7.638 min
Delta R.T.: 0.022 min
Response: 20957627
Conc: 97.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



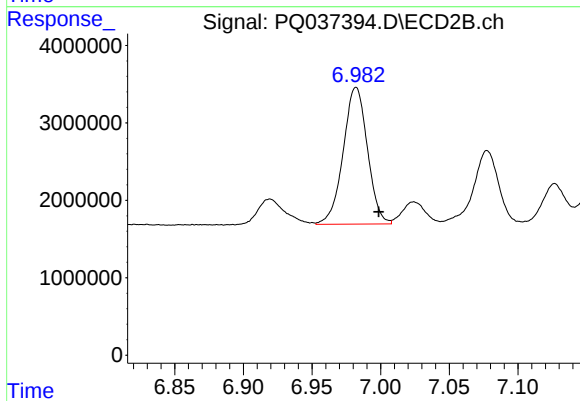
#33 AR-1260-3

R.T.: 6.519 min
Delta R.T.: -0.016 min
Response: 29237769
Conc: 182.92 ng/ml



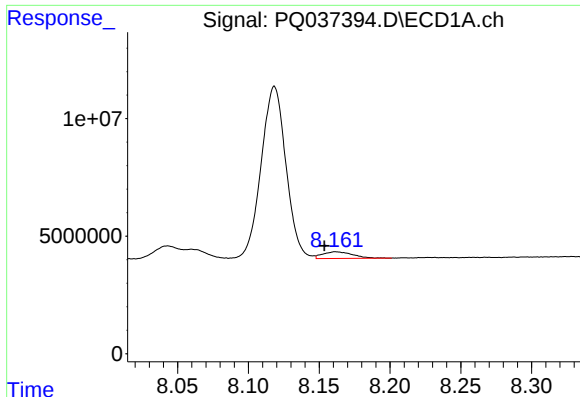
#34 AR-1260-4

R.T.: 7.811 min
Delta R.T.: -0.034 min
Response: 43301196
Conc: 180.70 ng/ml



#34 AR-1260-4

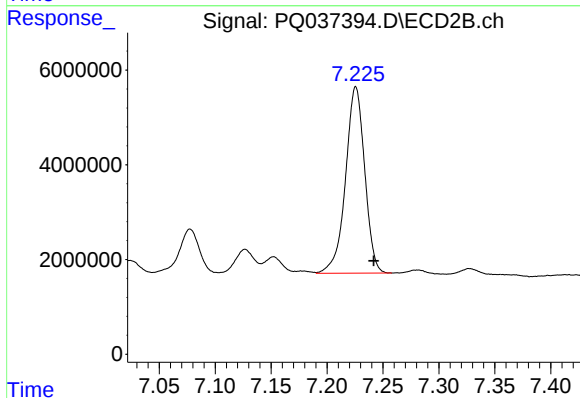
R.T.: 6.982 min
Delta R.T.: -0.017 min
Response: 21725584
Conc: 207.34 ng/ml



#35 AR-1260-5

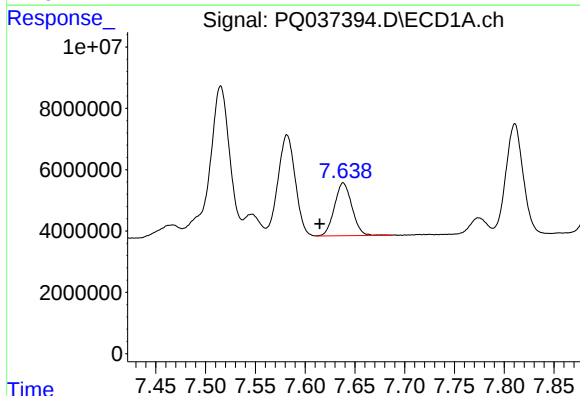
R.T.: 8.162 min
Delta R.T.: 0.008 min
Response: 4260265
Conc: 8.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



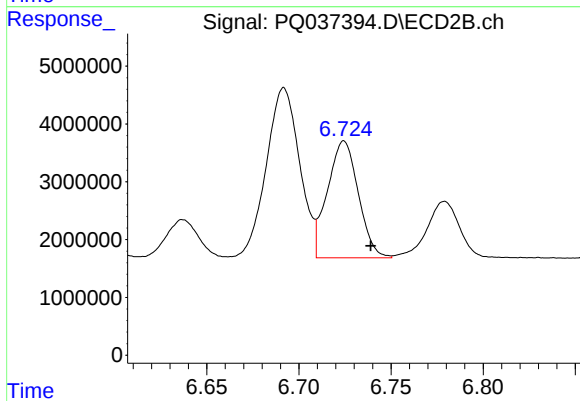
#35 AR-1260-5

R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 46966528
Conc: 182.81 ng/ml



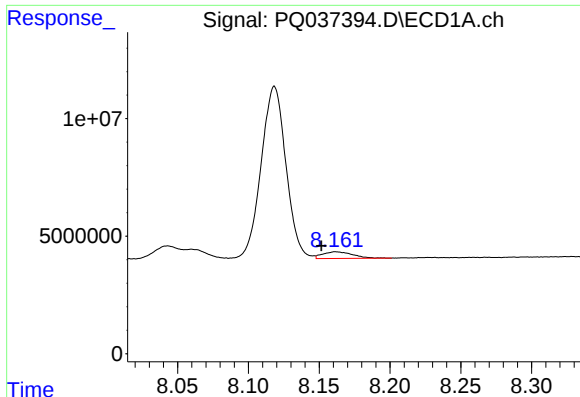
#36 AR-1262-1

R.T.: 7.638 min
Delta R.T.: 0.024 min
Response: 20957627
Conc: 48.61 ng/ml



#36 AR-1262-1

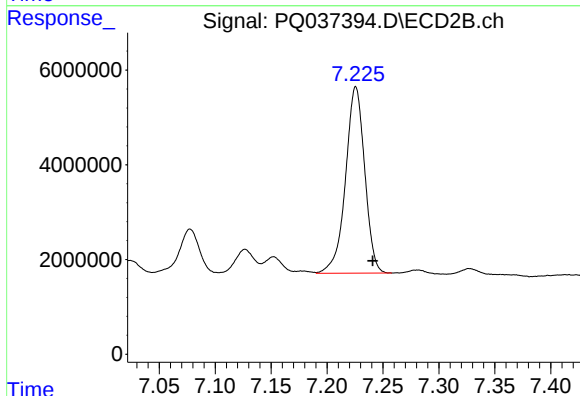
R.T.: 6.724 min
Delta R.T.: -0.015 min
Response: 23623329
Conc: 111.91 ng/ml



#37 AR-1262-2

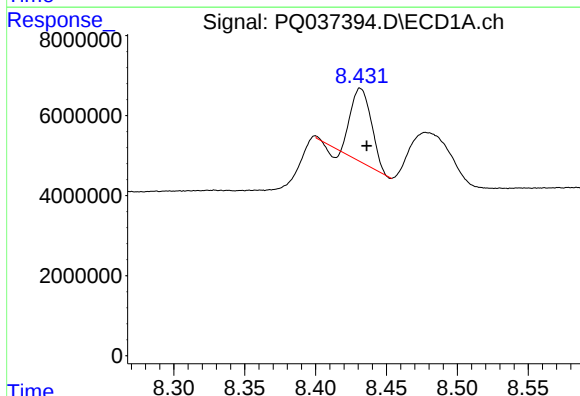
R.T.: 8.162 min
Delta R.T.: 0.010 min
Response: 4260265
Conc: 5.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



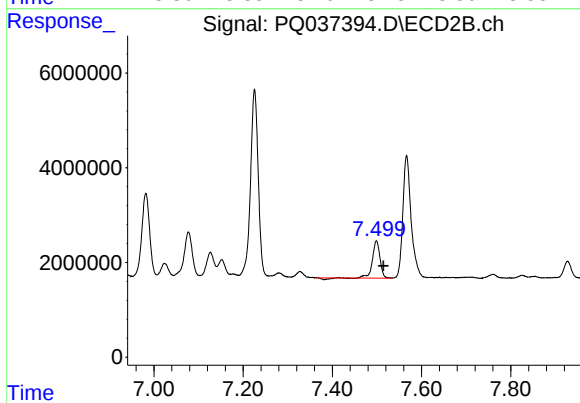
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.015 min
Response: 46966528
Conc: 129.33 ng/ml



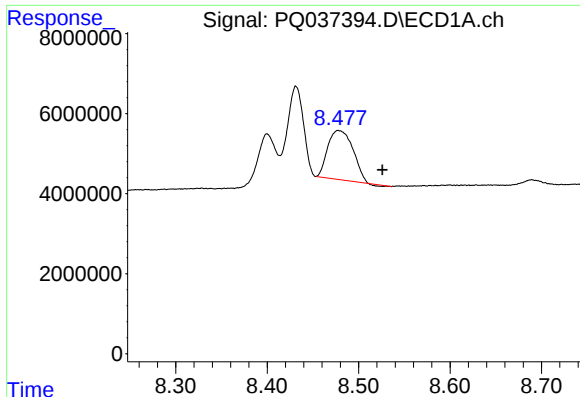
#38 AR-1262-3

R.T.: 8.432 min
Delta R.T.: -0.004 min
Response: 18027363
Conc: 57.81 ng/ml



#38 AR-1262-3

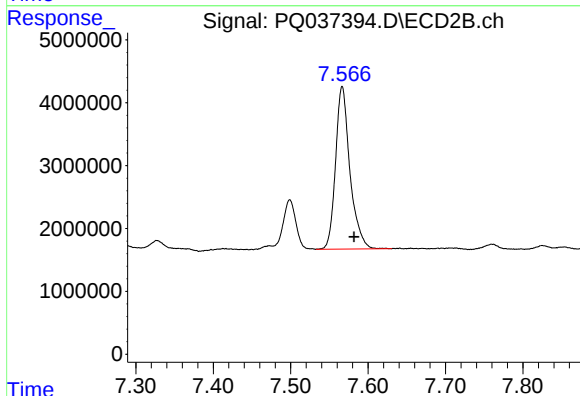
R.T.: 7.499 min
Delta R.T.: -0.015 min
Response: 8907790
Conc: 63.52 ng/ml



#39 AR-1262-4

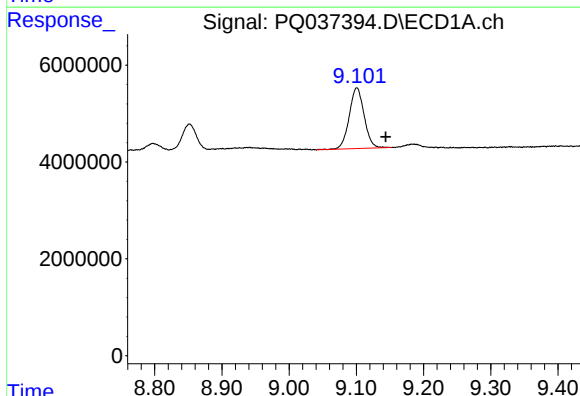
R.T.: 8.478 min
Delta R.T.: -0.048 min
Response: 23407313
Conc: 64.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



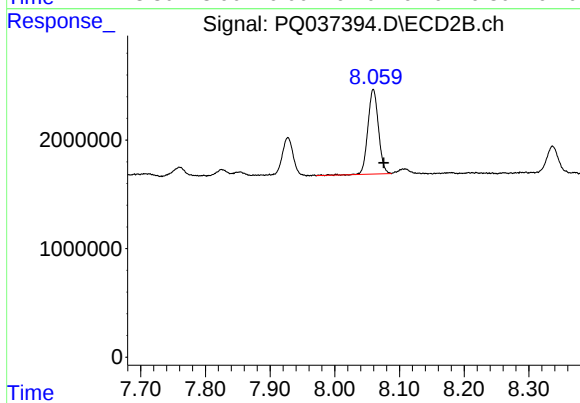
#39 AR-1262-4

R.T.: 7.567 min
Delta R.T.: -0.015 min
Response: 33405995
Conc: 131.47 ng/ml



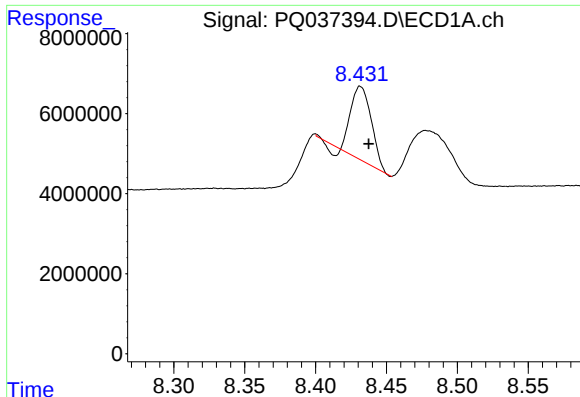
#40 AR-1262-5

R.T.: 9.101 min
Delta R.T.: -0.043 min
Response: 19380163
Conc: 85.55 ng/ml



#40 AR-1262-5

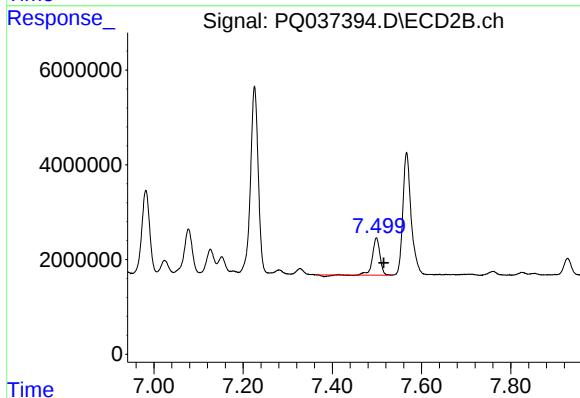
R.T.: 8.060 min
Delta R.T.: -0.016 min
Response: 8855732
Conc: 85.18 ng/ml



#41 AR-1268-1

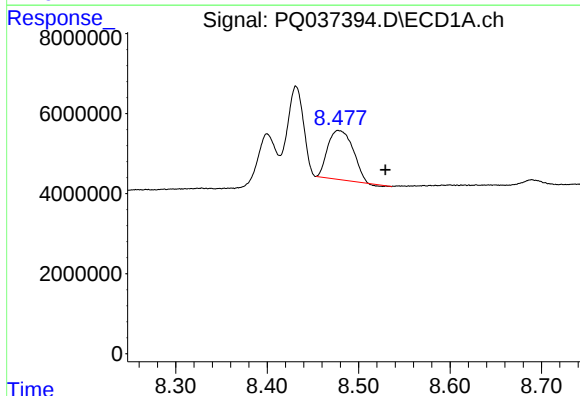
R.T.: 8.432 min
Delta R.T.: -0.006 min
Response: 18027363
Conc: 23.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



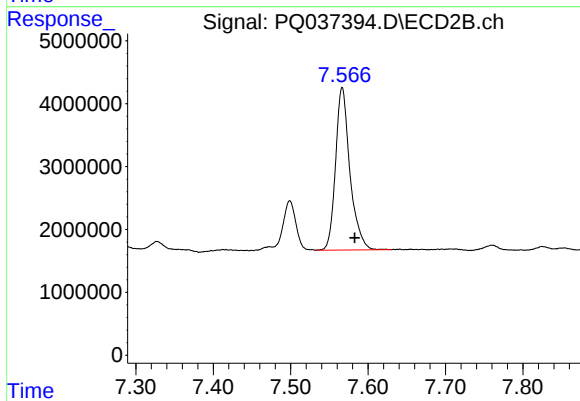
#41 AR-1268-1

R.T.: 7.499 min
Delta R.T.: -0.016 min
Response: 8907790
Conc: 24.82 ng/ml



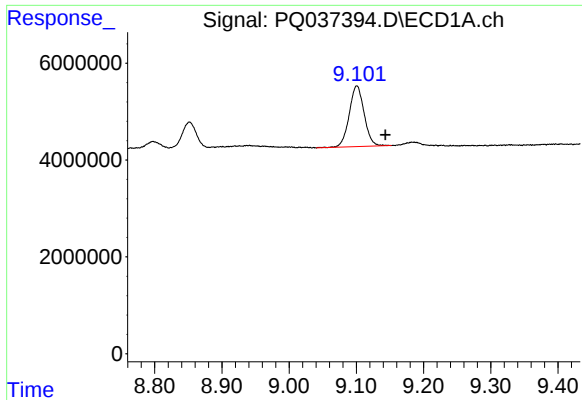
#42 AR-1268-2

R.T.: 8.478 min
Delta R.T.: -0.051 min
Response: 23407313
Conc: 33.35 ng/ml



#42 AR-1268-2

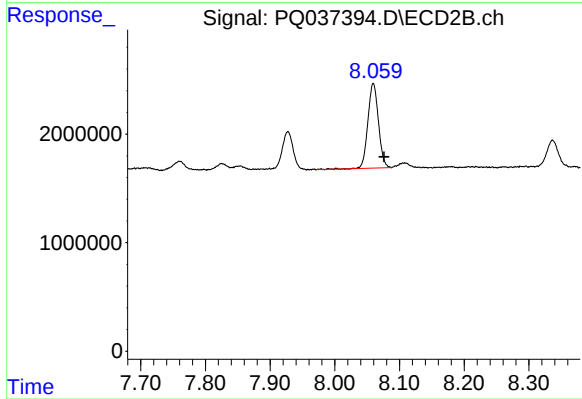
R.T.: 7.567 min
Delta R.T.: -0.016 min
Response: 33405995
Conc: 102.98 ng/ml



#44 AR-1268-4

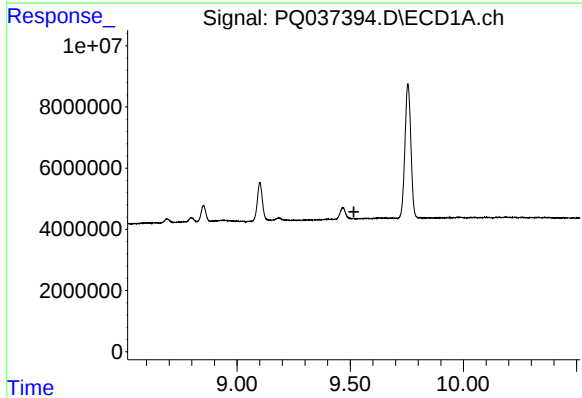
R.T.: 9.101 min
Delta R.T.: -0.043 min
Response: 19380163
Conc: 85.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



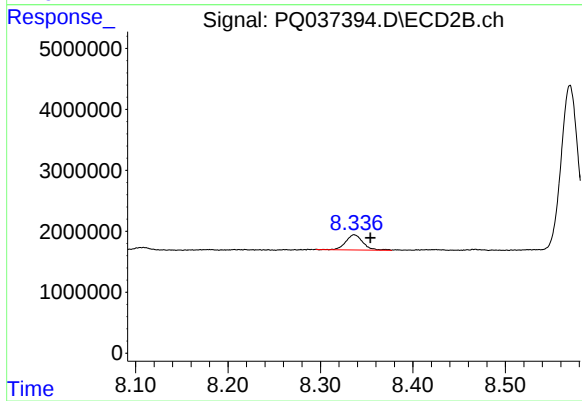
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: -0.016 min
Response: 8855732
Conc: 83.34 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.516 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: -0.018 min
Response: 3203927
Conc: 3.87 ng/ml