

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083018\
 Data File : PQ031476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2018 11:14
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 11:27:17 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 22 08:49:07 2018
 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...	4.614	3.881	96212230	79426237	46.239	44.375
2)	SA Decachlor...	10.484	8.973	94686511	85099953	50.144	44.766
Target Compounds							
3)	L1 AR-1016-1	5.525	4.762	25098929	20385866	514.351	460.062
4)	L1 AR-1016-2	5.880	4.983	32084600	28958466	506.556	464.889
5)	L1 AR-1016-3	5.979	5.003	26986713	41511511	527.390	464.746
6)	L1 AR-1016-4	6.067	5.060	23819596	28334699	548.535	472.823
7)	L1 AR-1016-5	6.416	5.439	29824466	24780605	539.496	487.043
8)	L2 AR-1221-1	4.820	4.097	2741474	2116346	137.328	131.829
9)	L2 AR-1221-2	4.913	4.186	4581525	3326504	294.659	250.555
10)	L2 AR-1221-3	4.991	4.264	16752303	13996270	350.587	333.342
11)	L3 AR-1232-1	5.329	4.587	24521198	11060193	1257.421	1156.268
12)	L3 AR-1232-2	5.525	5.003	25098929	41511511	1370.369	1246.883
13)	L3 AR-1232-3	5.794	5.060	34500684	28334699	1318.113	1224.573
14)	L3 AR-1232-4	5.880	5.264	32084600	22008129	1251.685	1366.589
15)	L3 AR-1232-5	6.274	5.589	28205273	26061528	1550.842	1382.722
16)	L4 AR-1242-1	5.525	4.762	25098929	20385866	730.963	678.345
17)	L4 AR-1242-2	5.794	5.003	34500684	41511511	741.601	696.409
18)	L4 AR-1242-3	5.794	5.182	34500684	22390916	502.119	705.698 #
19)	L4 AR-1242-4	6.274	5.221	28205273	17634662	788.591	711.439
20)	L4 AR-1242-5	6.416	5.439	29824466	24780605	765.700	714.522
21)	L5 AR-1248-1	6.274	5.221	28205273	17634662	451.431	368.751
22)	L5 AR-1248-2	6.416	5.264	29824466	22008129	570.054	450.892
23)	L5 AR-1248-3	6.651	5.439	26816790	24780605	493.486	418.730
24)	L5 AR-1248-4	6.651	5.793	26816790	25030055	372.177	281.758
25)	L5 AR-1248-5	6.868	5.834	23540930	5751074	327.310	95.020 #
26)	L6 AR-1254-1	6.651	5.793	26816790	25030055	318.850	233.230 #
27)	L6 AR-1254-2	6.868	5.939	23540930	17902702	177.567	190.521
28)	L6 AR-1254-3	7.153	6.361	3876119	43704895	48.054	273.000 #
29)	L6 AR-1254-4	7.525	6.575	7779110	2922765	72.832	29.429 #
30)	L6 AR-1254-5	7.943	6.994	83325184	71267397	731.083	512.265 #
31)	L7 AR-1260-1	7.401	6.477	60894015	54177659	568.254	499.811
32)	L7 AR-1260-2	7.657	6.662	71747632	65328261	561.085	500.548
33)	L7 AR-1260-3	7.943	7.030	83325184	53115232	557.308	499.632
34)	L7 AR-1260-4	8.584	7.531	118.3E6	118.9E6	556.407	494.151
35)	L7 AR-1260-5	8.927	7.881	71189286	82255157	531.397	473.781
36)	L8 AR-1262-1	7.401	6.477	60894015	54177659	692.138	623.742
37)	L8 AR-1262-2	7.657	6.662	71747632	65328261	696.330	623.753
38)	L8 AR-1262-3	7.943	7.030	83325184	53115232	839.103	361.338 #
39)	L8 AR-1262-4	8.214	7.293	8577077	49786938	66.746	374.884 #
40)	L8 AR-1262-5	8.584	7.531	118.3E6	118.9E6	472.371	425.918
41)	L9 AR-1268-1	8.927	7.817	71189286	23881822	289.318	89.585 #

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 Acq On : 29 Aug 2018 11:14
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

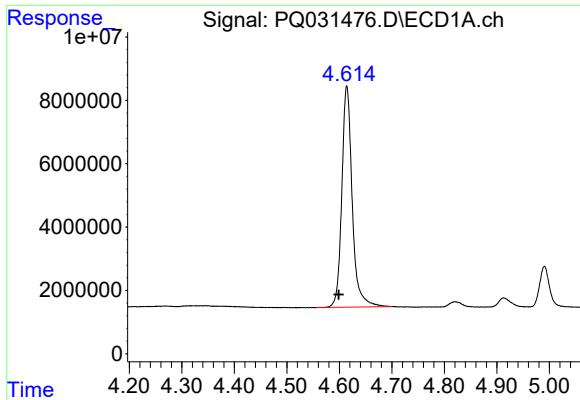
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 11:27:17 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
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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	8.987	7.881	41714935	82255157	187.434	340.157 #
43) L9	AR-1268-3	9.245	8.091	2008412	1591684	10.692	7.902 #
44) L9	AR-1268-4	9.693	8.390	28713941	25582136	348.793	287.956
45) L9	AR-1268-5	10.129	8.698	7378277	6704078	12.223	10.312

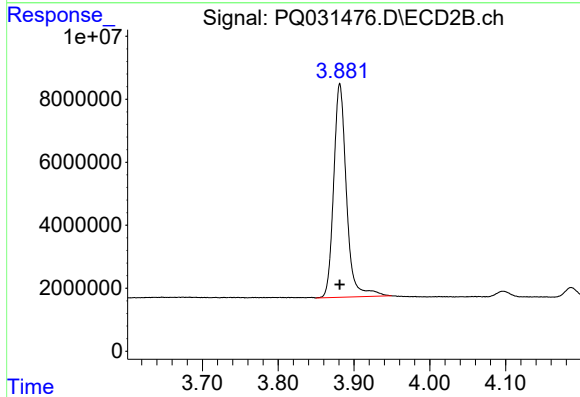
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

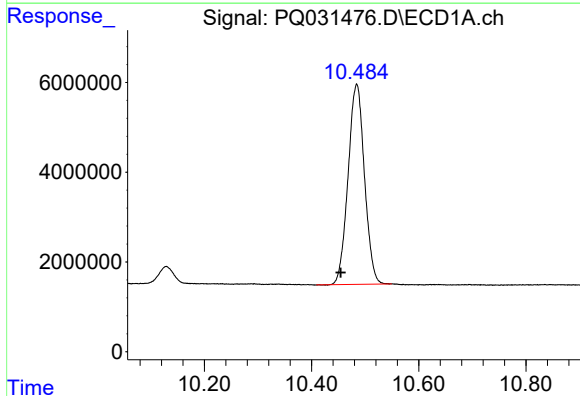
R.T.: 4.614 min
Delta R.T.: 0.015 min
Response: 96212230
Conc: 46.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



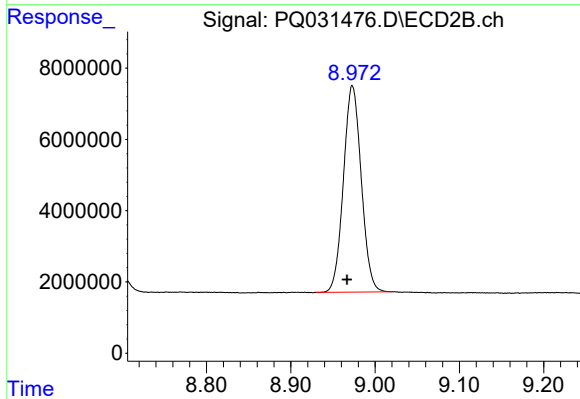
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 79426237
Conc: 44.38 ng/ml



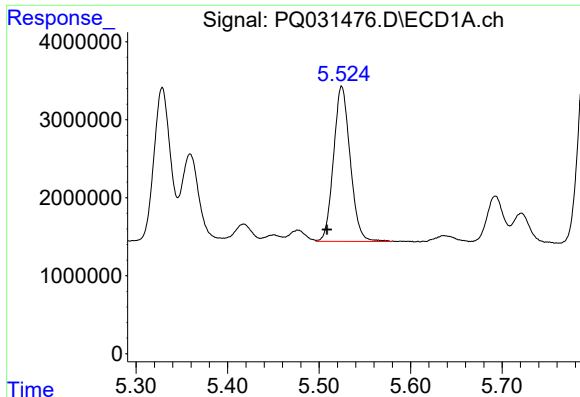
#2 Decachlorobiphenyl

R.T.: 10.484 min
Delta R.T.: 0.030 min
Response: 94686511
Conc: 50.14 ng/ml



#2 Decachlorobiphenyl

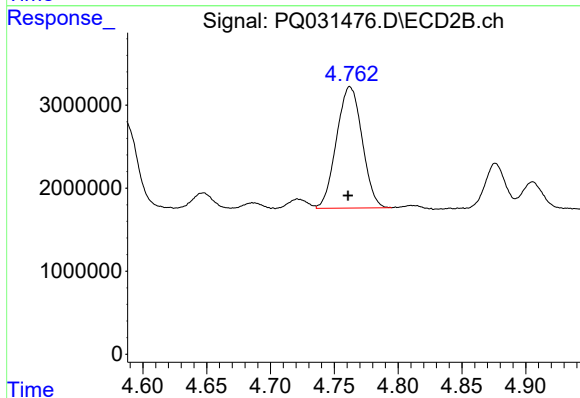
R.T.: 8.973 min
Delta R.T.: 0.006 min
Response: 85099953
Conc: 44.77 ng/ml



#3 AR-1016-1

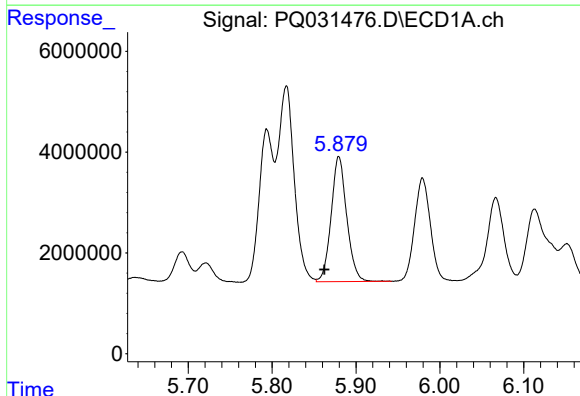
R.T.: 5.525 min
Delta R.T.: 0.016 min
Response: 25098929
Conc: 514.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



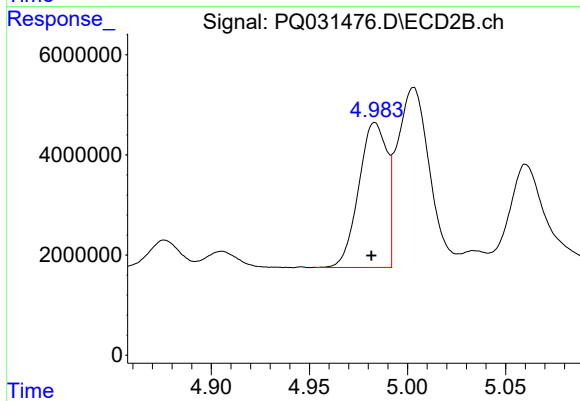
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: 0.001 min
Response: 20385866
Conc: 460.06 ng/ml



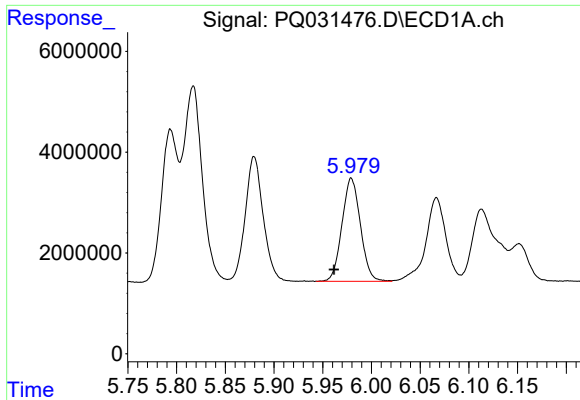
#4 AR-1016-2

R.T.: 5.880 min
Delta R.T.: 0.017 min
Response: 32084600
Conc: 506.56 ng/ml



#4 AR-1016-2

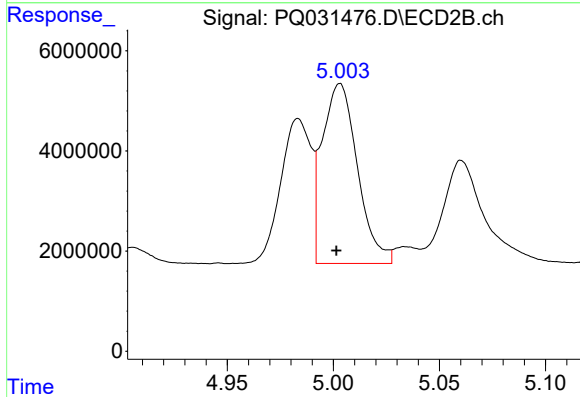
R.T.: 4.983 min
Delta R.T.: 0.002 min
Response: 28958466
Conc: 464.89 ng/ml



#5 AR-1016-3

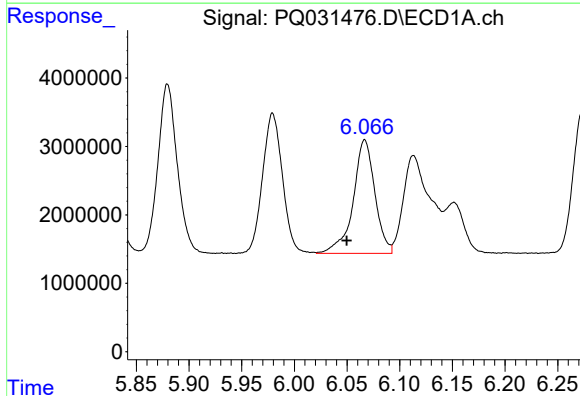
R.T.: 5.979 min
Delta R.T.: 0.017 min
Response: 26986713
Conc: 527.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



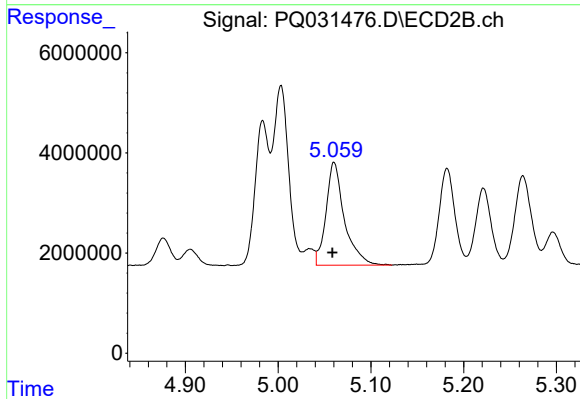
#5 AR-1016-3

R.T.: 5.003 min
Delta R.T.: 0.002 min
Response: 41511511
Conc: 464.75 ng/ml



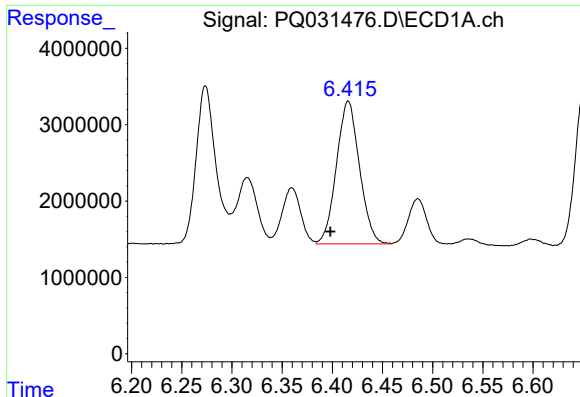
#6 AR-1016-4

R.T.: 6.067 min
Delta R.T.: 0.017 min
Response: 23819596
Conc: 548.54 ng/ml



#6 AR-1016-4

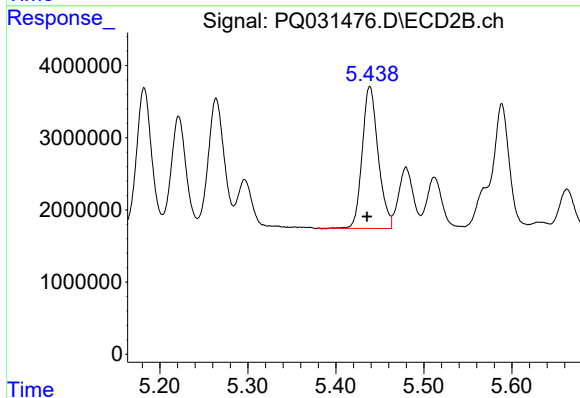
R.T.: 5.060 min
Delta R.T.: 0.002 min
Response: 28334699
Conc: 472.82 ng/ml



#7 AR-1016-5

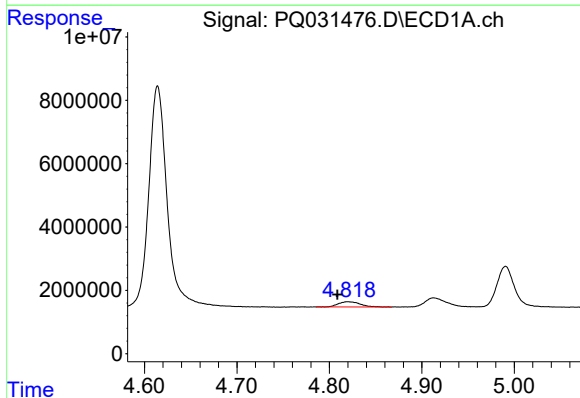
R.T.: 6.416 min
Delta R.T.: 0.018 min
Response: 29824466
Conc: 539.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



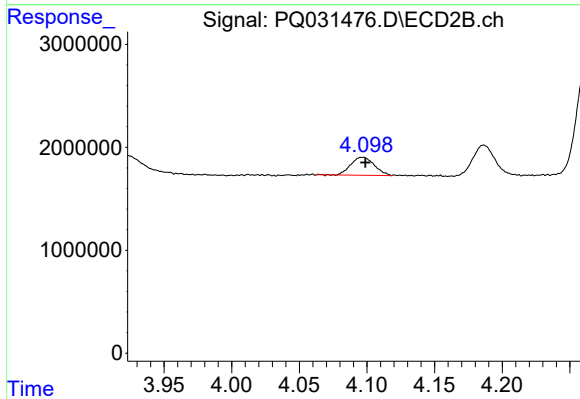
#7 AR-1016-5

R.T.: 5.439 min
Delta R.T.: 0.003 min
Response: 24780605
Conc: 487.04 ng/ml



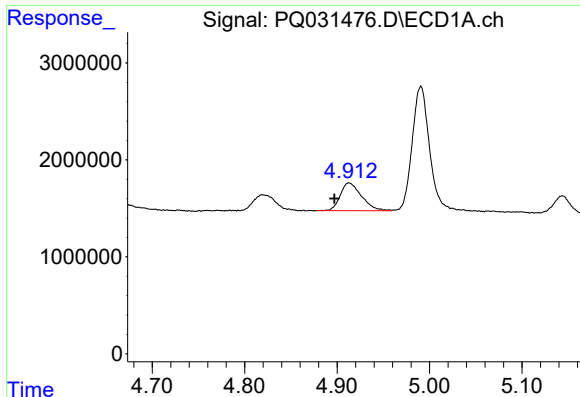
#8 AR-1221-1

R.T.: 4.820 min
Delta R.T.: 0.011 min
Response: 2741474
Conc: 137.33 ng/ml



#8 AR-1221-1

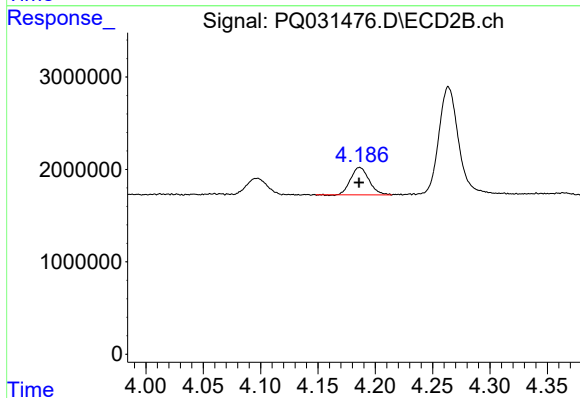
R.T.: 4.097 min
Delta R.T.: -0.002 min
Response: 2116346
Conc: 131.83 ng/ml



#9 AR-1221-2

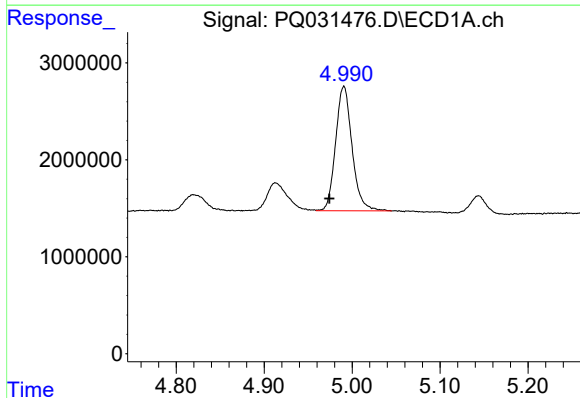
R.T.: 4.913 min
Delta R.T.: 0.016 min
Response: 4581525
Conc: 294.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



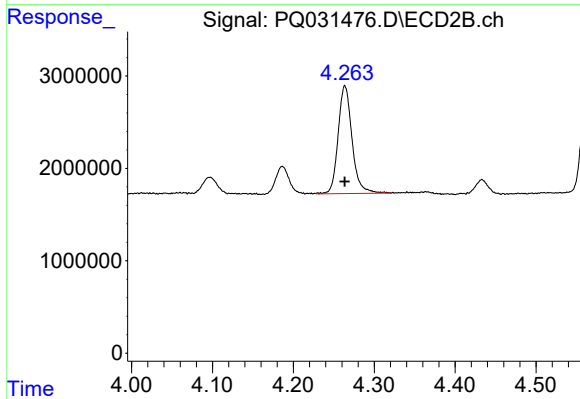
#9 AR-1221-2

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 3326504
Conc: 250.55 ng/ml



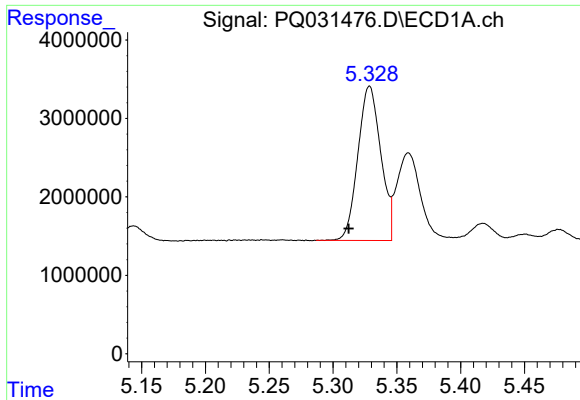
#10 AR-1221-3

R.T.: 4.991 min
Delta R.T.: 0.016 min
Response: 16752303
Conc: 350.59 ng/ml



#10 AR-1221-3

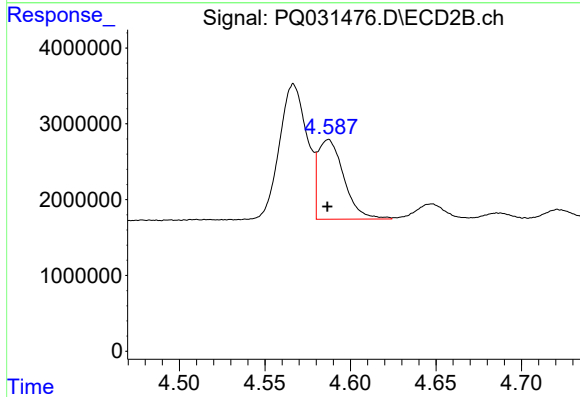
R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 13996270
Conc: 333.34 ng/ml



#11 AR-1232-1

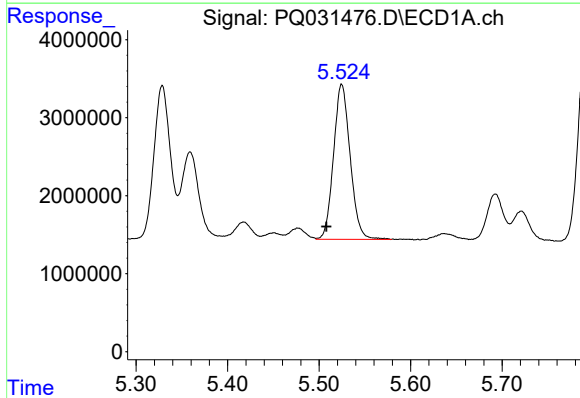
R.T.: 5.329 min
Delta R.T.: 0.016 min
Response: 24521198
Conc: 1257.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



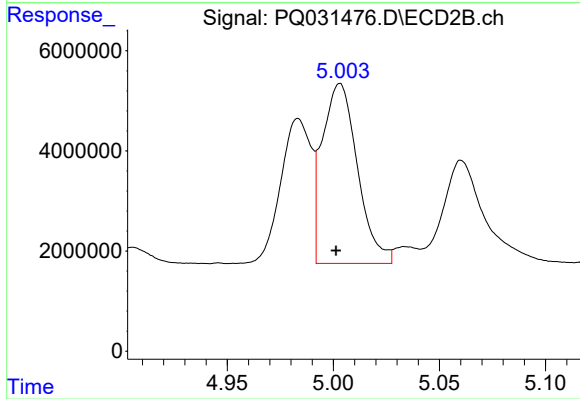
#11 AR-1232-1

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 11060193
Conc: 1156.27 ng/ml



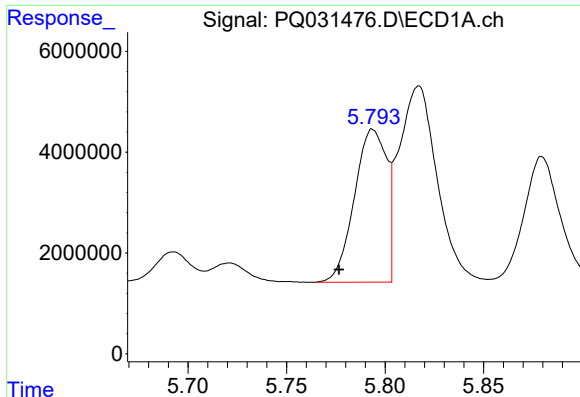
#12 AR-1232-2

R.T.: 5.525 min
Delta R.T.: 0.017 min
Response: 25098929
Conc: 1370.37 ng/ml



#12 AR-1232-2

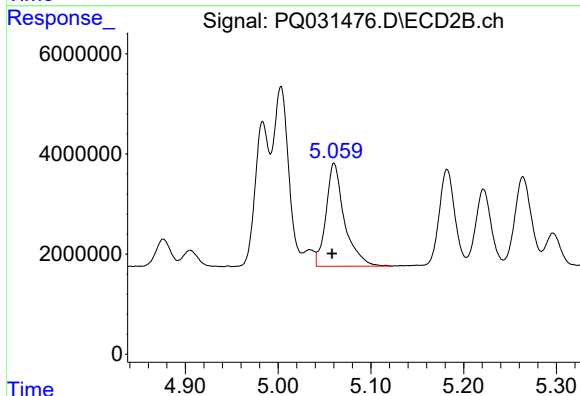
R.T.: 5.003 min
Delta R.T.: 0.002 min
Response: 41511511
Conc: 1246.88 ng/ml



#13 AR-1232-3

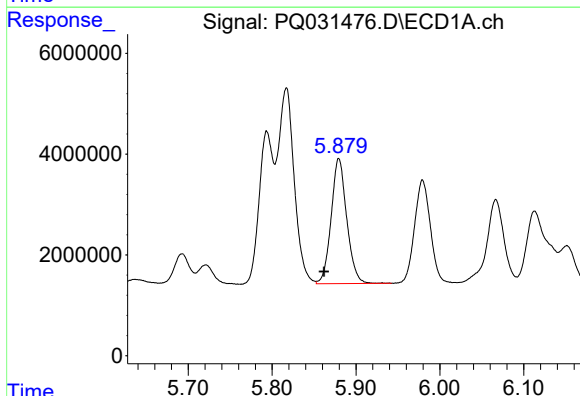
R.T.: 5.794 min
Delta R.T.: 0.017 min
Response: 34500684
Conc: 1318.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



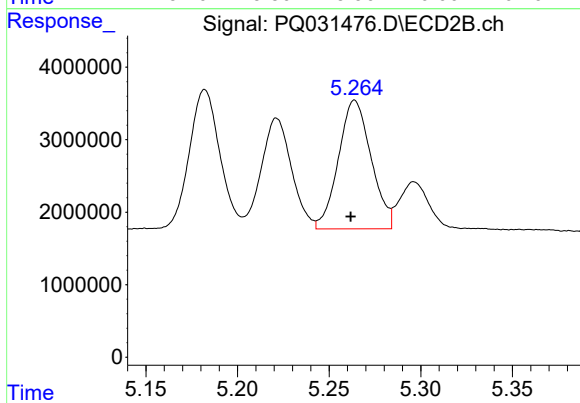
#13 AR-1232-3

R.T.: 5.060 min
Delta R.T.: 0.002 min
Response: 28334699
Conc: 1224.57 ng/ml



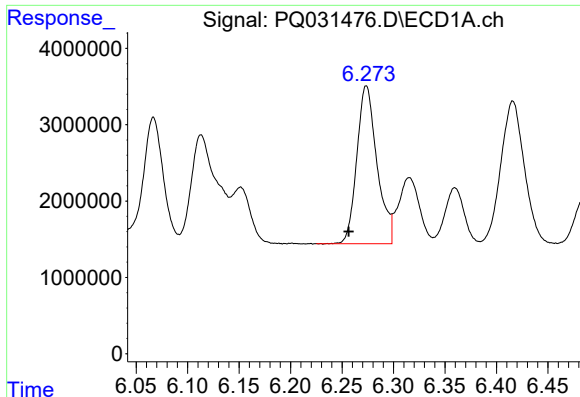
#14 AR-1232-4

R.T.: 5.880 min
Delta R.T.: 0.018 min
Response: 32084600
Conc: 1251.68 ng/ml



#14 AR-1232-4

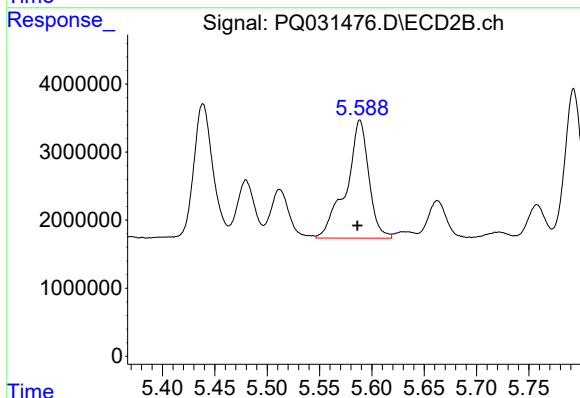
R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 22008129
Conc: 1366.59 ng/ml



#15 AR-1232-5

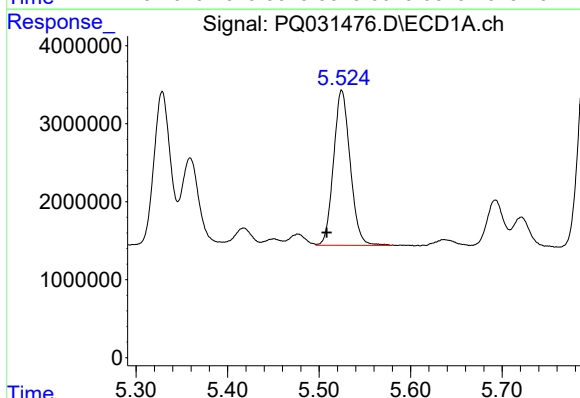
R.T.: 6.274 min
Delta R.T.: 0.017 min
Response: 28205273
Conc: 1550.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



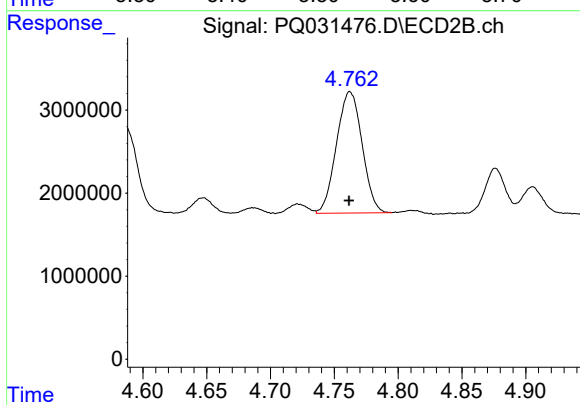
#15 AR-1232-5

R.T.: 5.589 min
Delta R.T.: 0.002 min
Response: 26061528
Conc: 1382.72 ng/ml



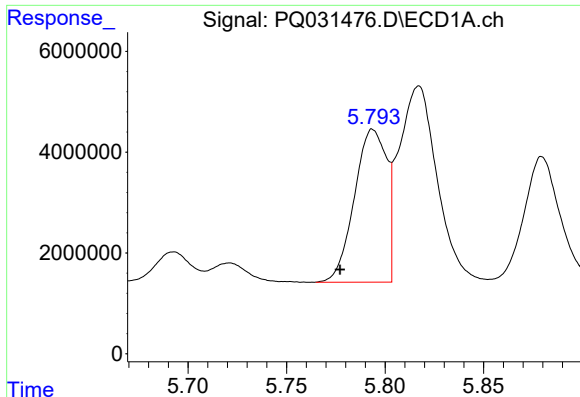
#16 AR-1242-1

R.T.: 5.525 min
Delta R.T.: 0.017 min
Response: 25098929
Conc: 730.96 ng/ml



#16 AR-1242-1

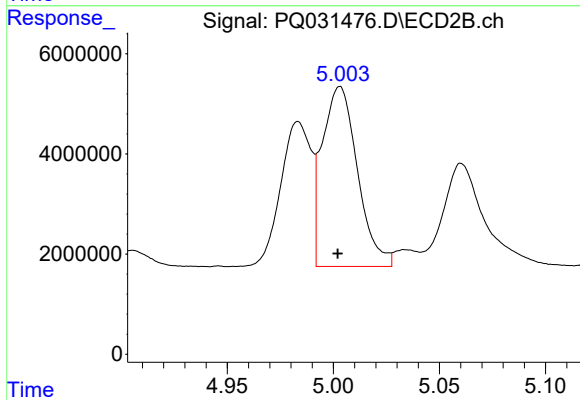
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 20385866
Conc: 678.35 ng/ml



#17 AR-1242-2

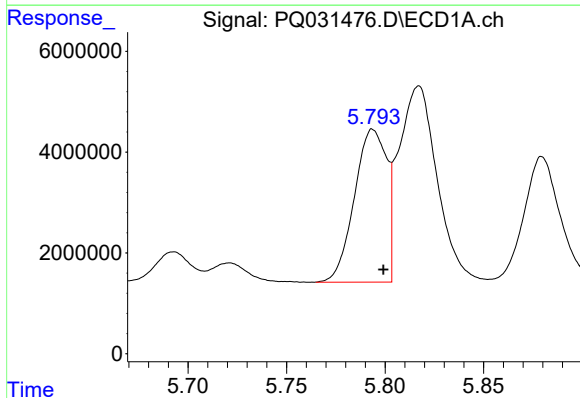
R.T.: 5.794 min
Delta R.T.: 0.017 min
Response: 34500684
Conc: 741.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



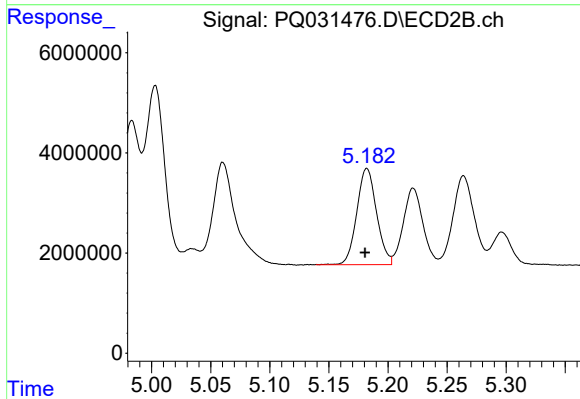
#17 AR-1242-2

R.T.: 5.003 min
Delta R.T.: 0.001 min
Response: 41511511
Conc: 696.41 ng/ml



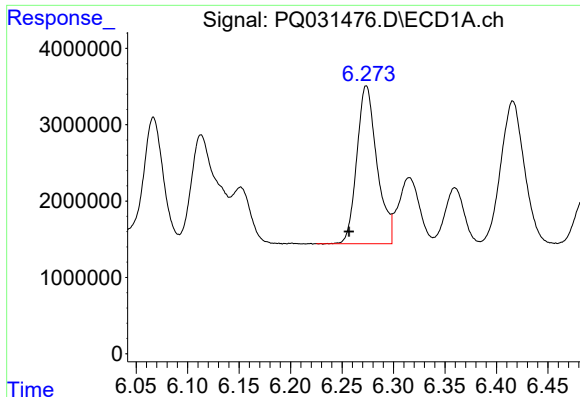
#18 AR-1242-3

R.T.: 5.794 min
Delta R.T.: -0.005 min
Response: 34500684
Conc: 502.12 ng/ml



#18 AR-1242-3

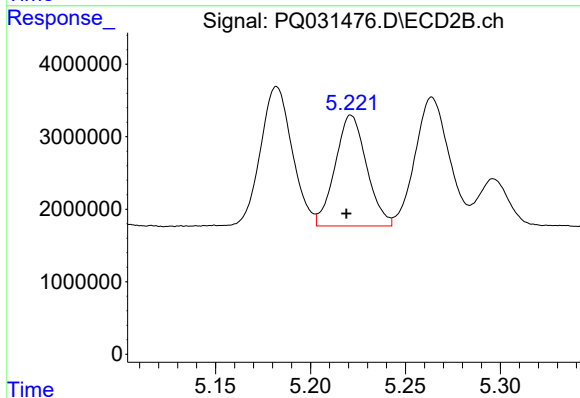
R.T.: 5.182 min
Delta R.T.: 0.001 min
Response: 22390916
Conc: 705.70 ng/ml



#19 AR-1242-4

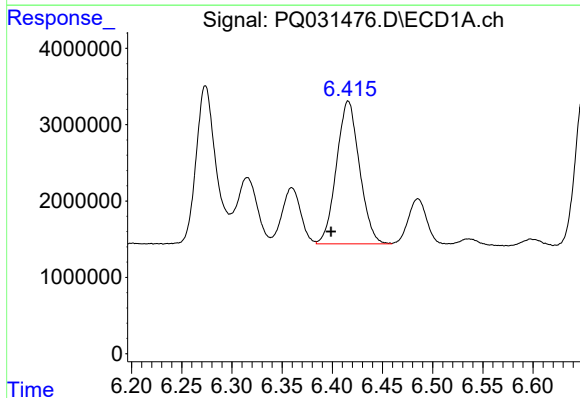
R.T.: 6.274 min
Delta R.T.: 0.017 min
Response: 28205273
Conc: 788.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



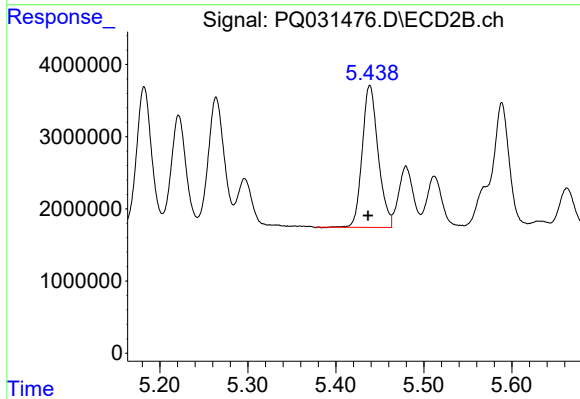
#19 AR-1242-4

R.T.: 5.221 min
Delta R.T.: 0.002 min
Response: 17634662
Conc: 711.44 ng/ml



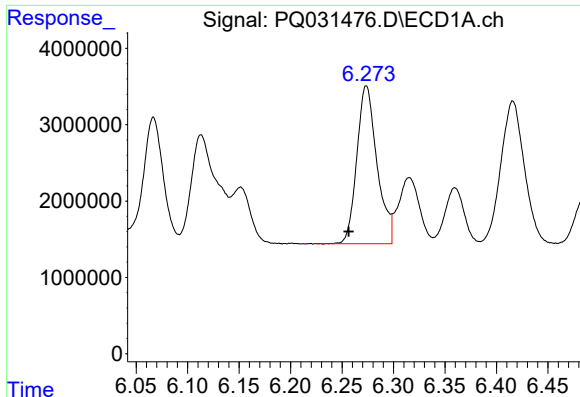
#20 AR-1242-5

R.T.: 6.416 min
Delta R.T.: 0.017 min
Response: 29824466
Conc: 765.70 ng/ml



#20 AR-1242-5

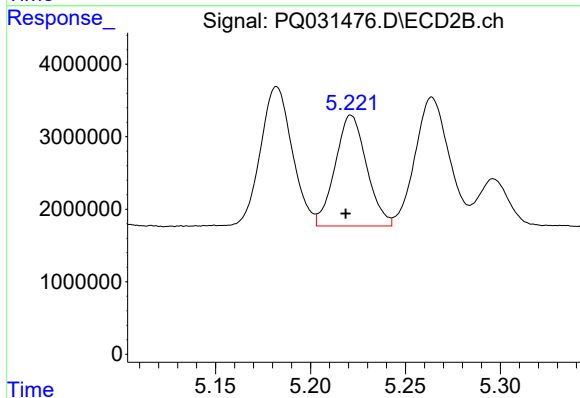
R.T.: 5.439 min
Delta R.T.: 0.002 min
Response: 24780605
Conc: 714.52 ng/ml



#21 AR-1248-1

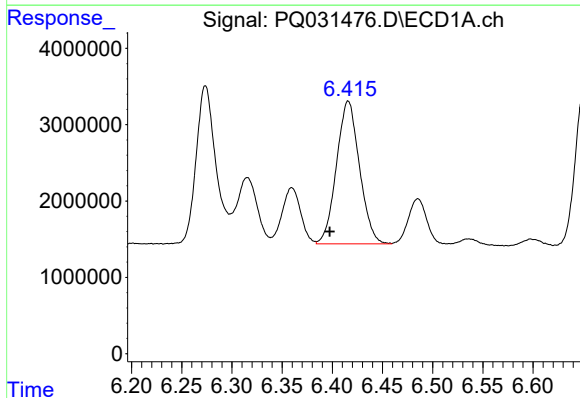
R.T.: 6.274 min
Delta R.T.: 0.017 min
Response: 28205273
Conc: 451.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



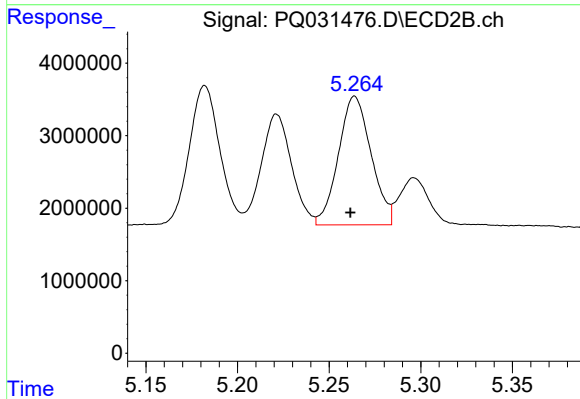
#21 AR-1248-1

R.T.: 5.221 min
Delta R.T.: 0.003 min
Response: 17634662
Conc: 368.75 ng/ml



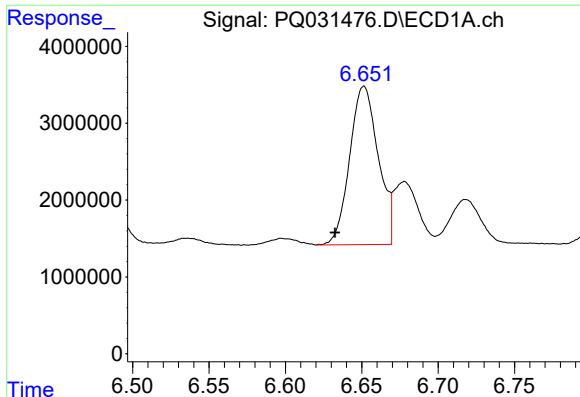
#22 AR-1248-2

R.T.: 6.416 min
Delta R.T.: 0.018 min
Response: 29824466
Conc: 570.05 ng/ml



#22 AR-1248-2

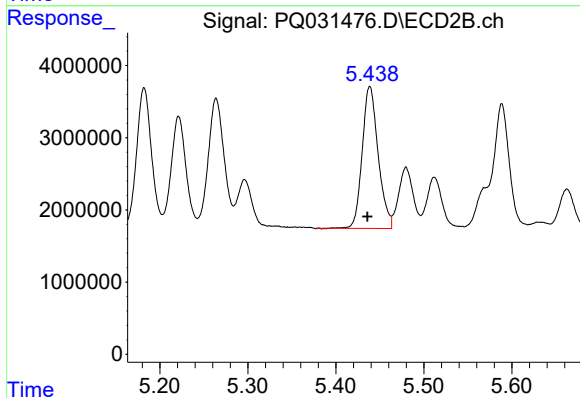
R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 22008129
Conc: 450.89 ng/ml



#23 AR-1248-3

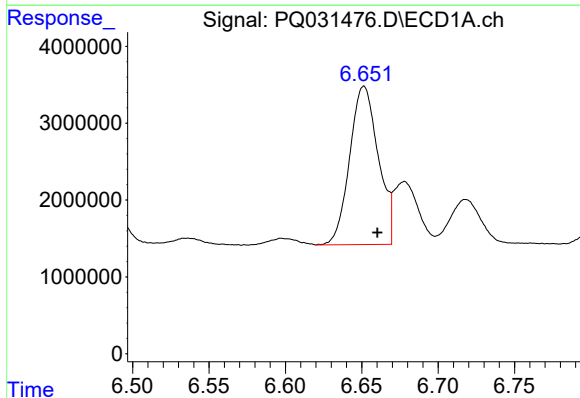
R.T.: 6.651 min
Delta R.T.: 0.019 min
Response: 26816790
Conc: 493.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



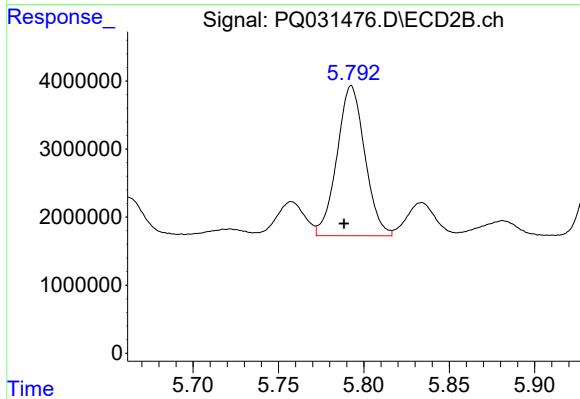
#23 AR-1248-3

R.T.: 5.439 min
Delta R.T.: 0.003 min
Response: 24780605
Conc: 418.73 ng/ml



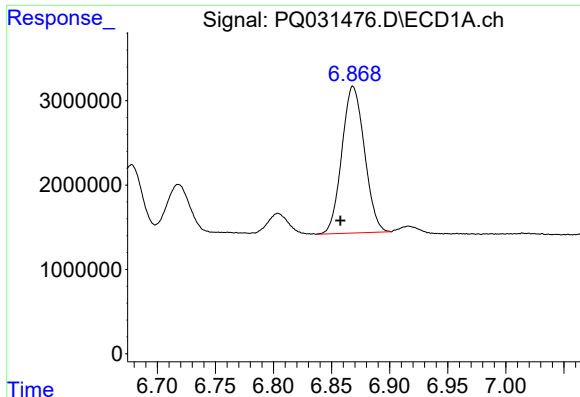
#24 AR-1248-4

R.T.: 6.651 min
Delta R.T.: -0.009 min
Response: 26816790
Conc: 372.18 ng/ml



#24 AR-1248-4

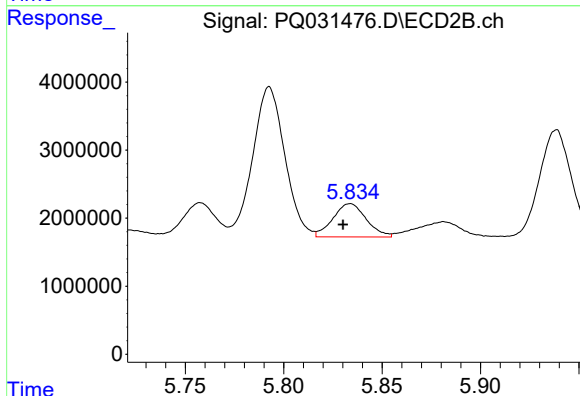
R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 25030055
Conc: 281.76 ng/ml



#25 AR-1248-5

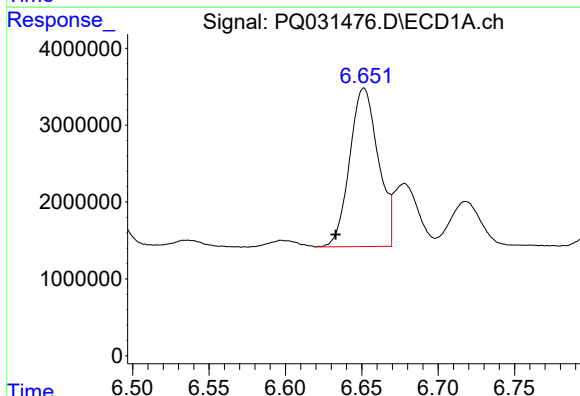
R.T.: 6.868 min
Delta R.T.: 0.011 min
Response: 23540930
Conc: 327.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



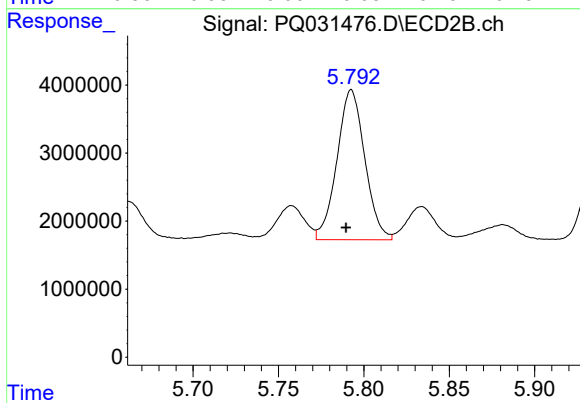
#25 AR-1248-5

R.T.: 5.834 min
Delta R.T.: 0.004 min
Response: 5751074
Conc: 95.02 ng/ml



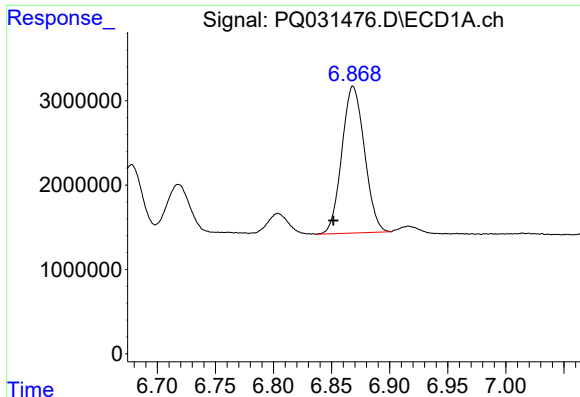
#26 AR-1254-1

R.T.: 6.651 min
Delta R.T.: 0.018 min
Response: 26816790
Conc: 318.85 ng/ml



#26 AR-1254-1

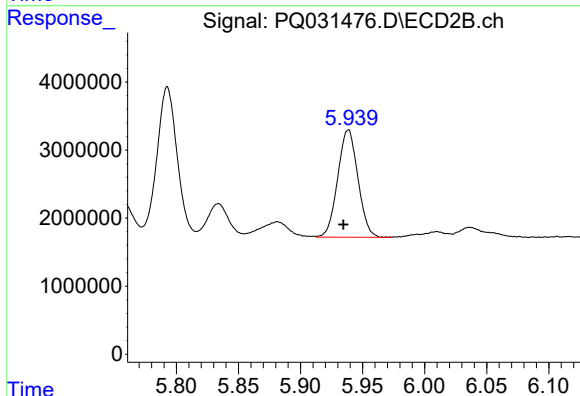
R.T.: 5.793 min
Delta R.T.: 0.003 min
Response: 25030055
Conc: 233.23 ng/ml



#27 AR-1254-2

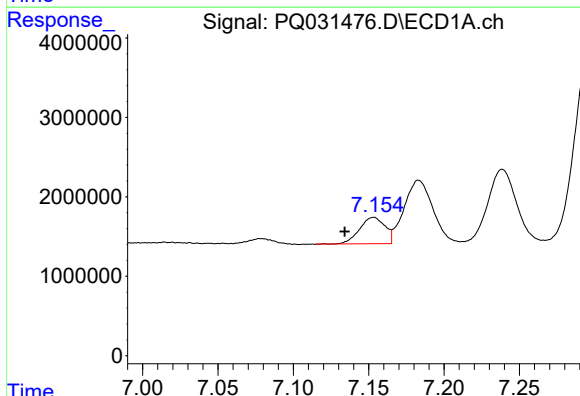
R.T.: 6.868 min
Delta R.T.: 0.017 min
Response: 23540930
Conc: 177.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



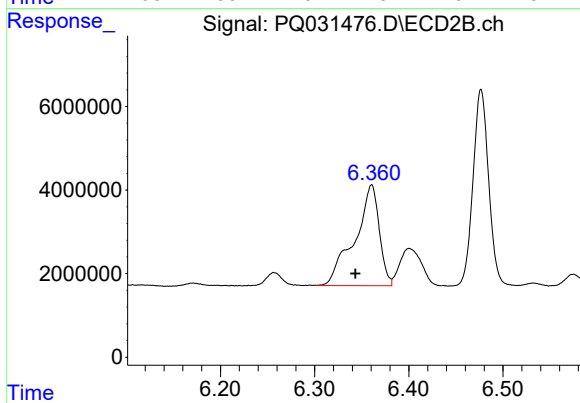
#27 AR-1254-2

R.T.: 5.939 min
Delta R.T.: 0.004 min
Response: 17902702
Conc: 190.52 ng/ml



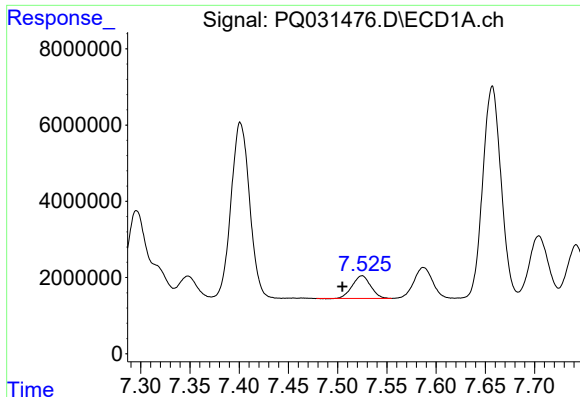
#28 AR-1254-3

R.T.: 7.153 min
Delta R.T.: 0.019 min
Response: 3876119
Conc: 48.05 ng/ml



#28 AR-1254-3

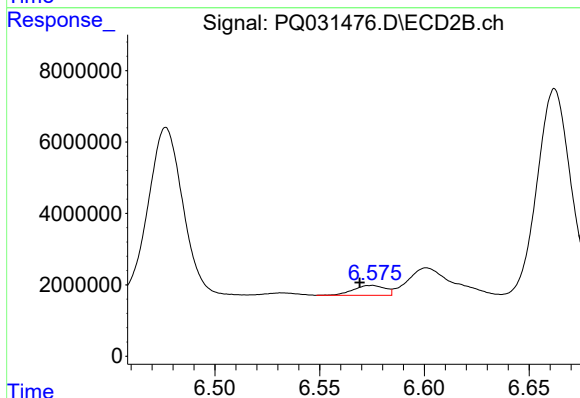
R.T.: 6.361 min
Delta R.T.: 0.017 min
Response: 43704895
Conc: 273.00 ng/ml



#29 AR-1254-4

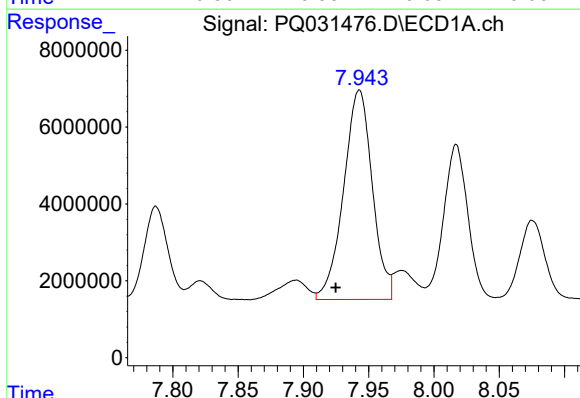
R.T.: 7.525 min
Delta R.T.: 0.020 min
Response: 7779110
Conc: 72.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



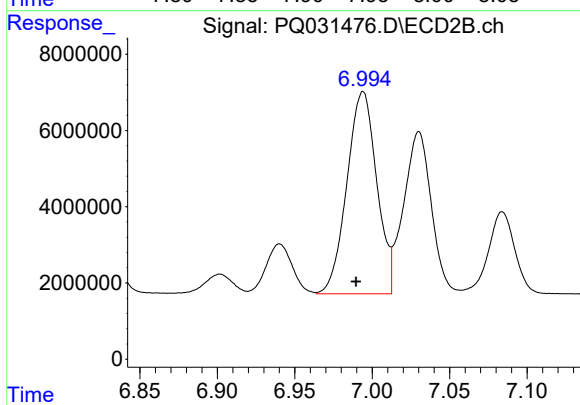
#29 AR-1254-4

R.T.: 6.575 min
Delta R.T.: 0.005 min
Response: 2922765
Conc: 29.43 ng/ml



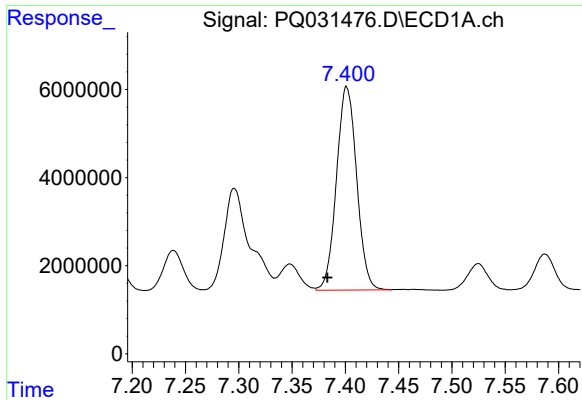
#30 AR-1254-5

R.T.: 7.943 min
Delta R.T.: 0.018 min
Response: 83325184
Conc: 731.08 ng/ml



#30 AR-1254-5

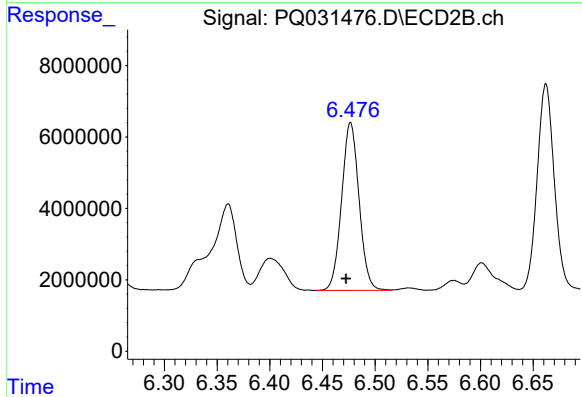
R.T.: 6.994 min
Delta R.T.: 0.005 min
Response: 71267397
Conc: 512.26 ng/ml



#31 AR-1260-1

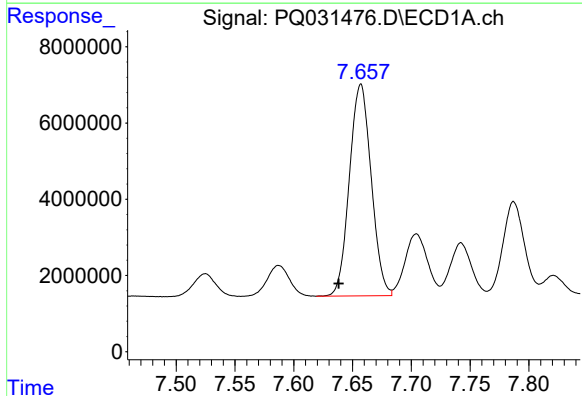
R.T.: 7.401 min
Delta R.T.: 0.018 min
Response: 60894015
Conc: 568.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



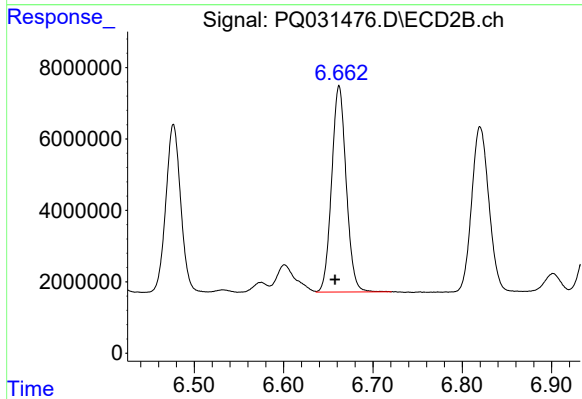
#31 AR-1260-1

R.T.: 6.477 min
Delta R.T.: 0.004 min
Response: 54177659
Conc: 499.81 ng/ml



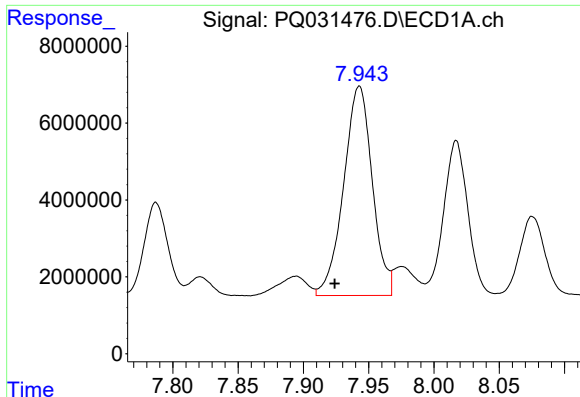
#32 AR-1260-2

R.T.: 7.657 min
Delta R.T.: 0.019 min
Response: 71747632
Conc: 561.09 ng/ml



#32 AR-1260-2

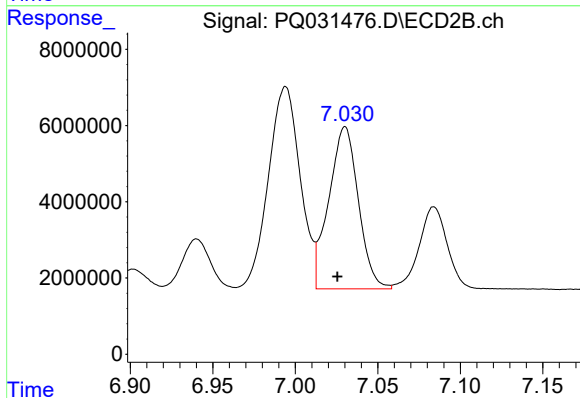
R.T.: 6.662 min
Delta R.T.: 0.004 min
Response: 65328261
Conc: 500.55 ng/ml



#33 AR-1260-3

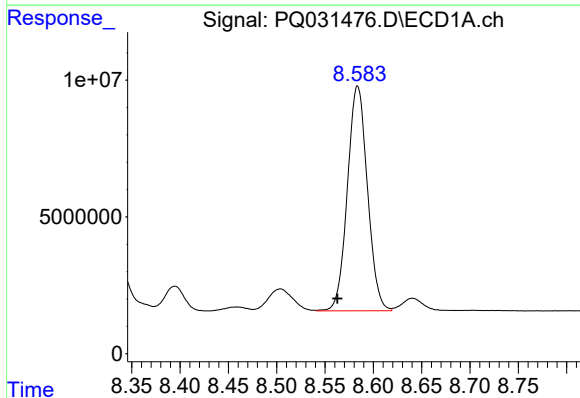
R.T.: 7.943 min
Delta R.T.: 0.019 min
Response: 83325184
Conc: 557.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



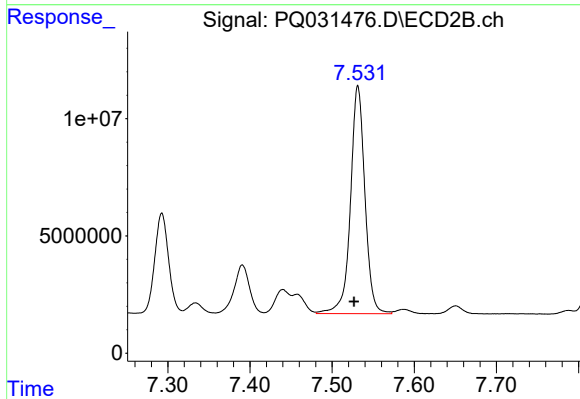
#33 AR-1260-3

R.T.: 7.030 min
Delta R.T.: 0.005 min
Response: 53115232
Conc: 499.63 ng/ml



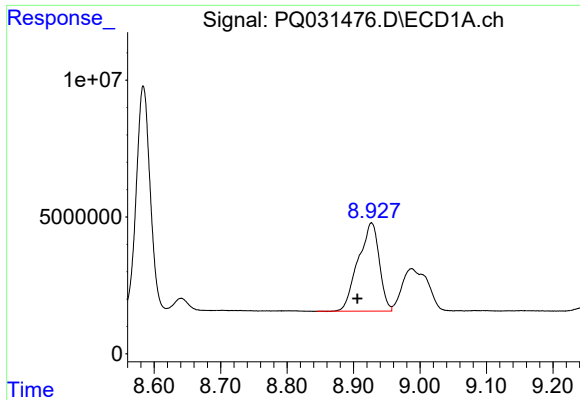
#34 AR-1260-4

R.T.: 8.584 min
Delta R.T.: 0.021 min
Response: 118347951
Conc: 556.41 ng/ml



#34 AR-1260-4

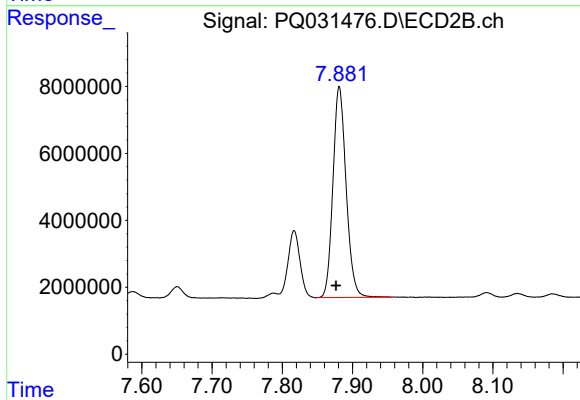
R.T.: 7.531 min
Delta R.T.: 0.004 min
Response: 118920211
Conc: 494.15 ng/ml



#35 AR-1260-5

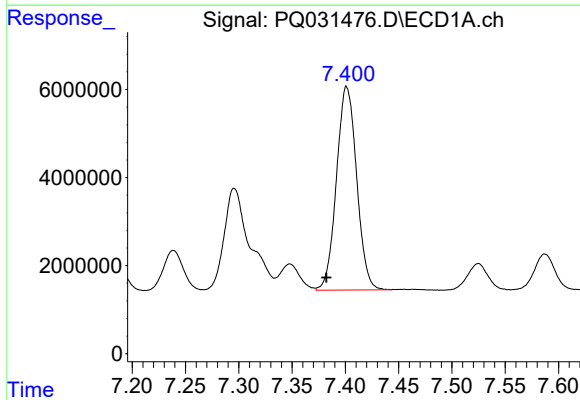
R.T.: 8.927 min
Delta R.T.: 0.021 min
Response: 71189286
Conc: 531.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



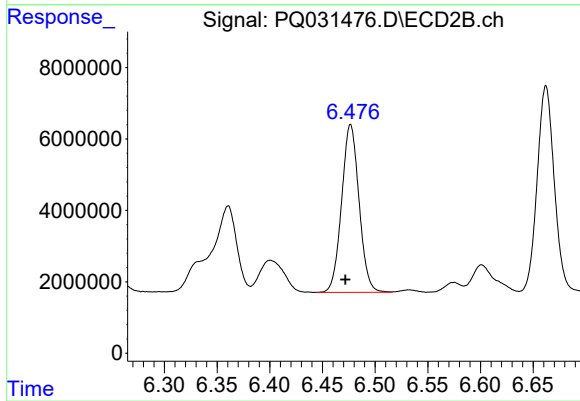
#35 AR-1260-5

R.T.: 7.881 min
Delta R.T.: 0.005 min
Response: 82255157
Conc: 473.78 ng/ml



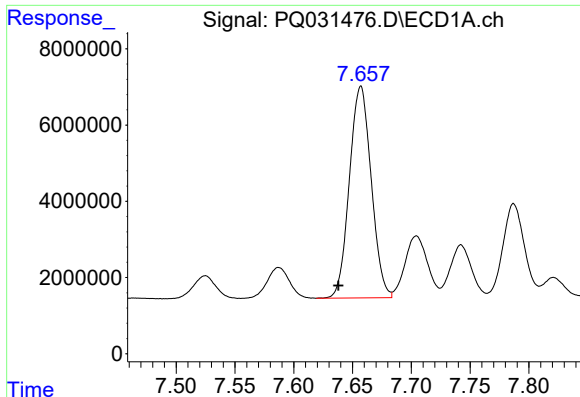
#36 AR-1262-1

R.T.: 7.401 min
Delta R.T.: 0.019 min
Response: 60894015
Conc: 692.14 ng/ml



#36 AR-1262-1

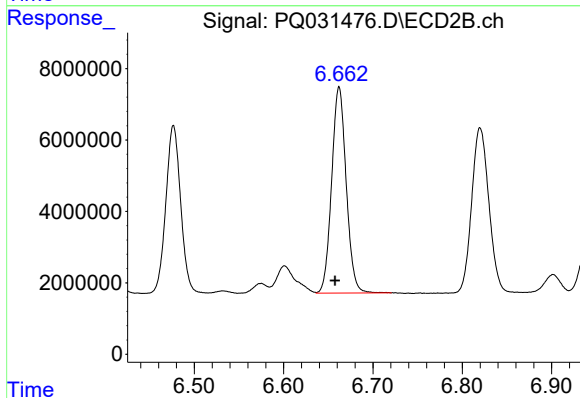
R.T.: 6.477 min
Delta R.T.: 0.005 min
Response: 54177659
Conc: 623.74 ng/ml



#37 AR-1262-2

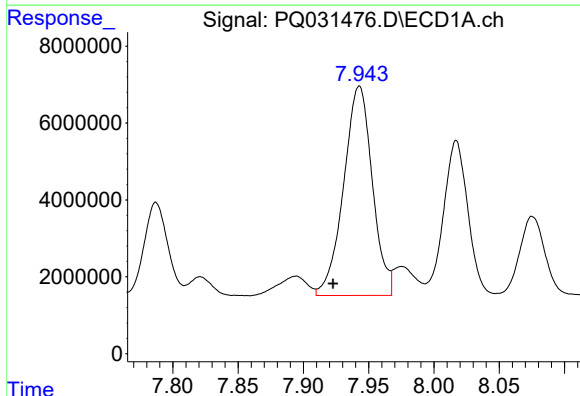
R.T.: 7.657 min
Delta R.T.: 0.019 min
Response: 71747632
Conc: 696.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



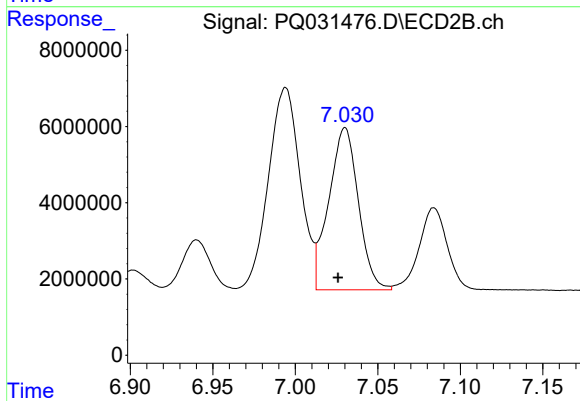
#37 AR-1262-2

R.T.: 6.662 min
Delta R.T.: 0.005 min
Response: 65328261
Conc: 623.75 ng/ml



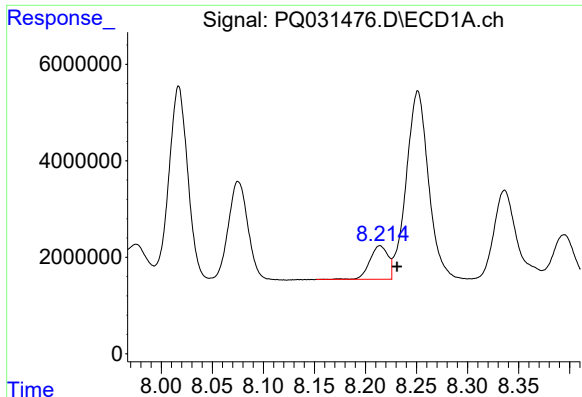
#38 AR-1262-3

R.T.: 7.943 min
Delta R.T.: 0.020 min
Response: 83325184
Conc: 839.10 ng/ml



#38 AR-1262-3

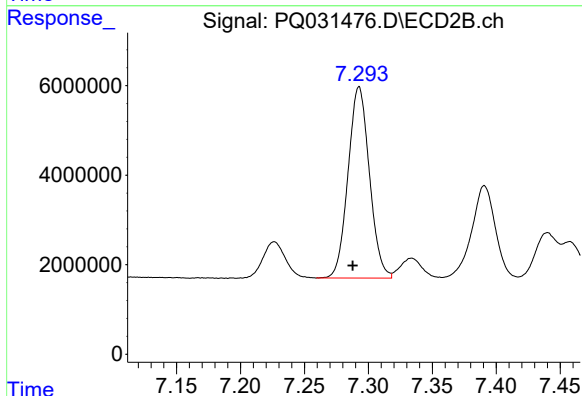
R.T.: 7.030 min
Delta R.T.: 0.004 min
Response: 53115232
Conc: 361.34 ng/ml



#39 AR-1262-4

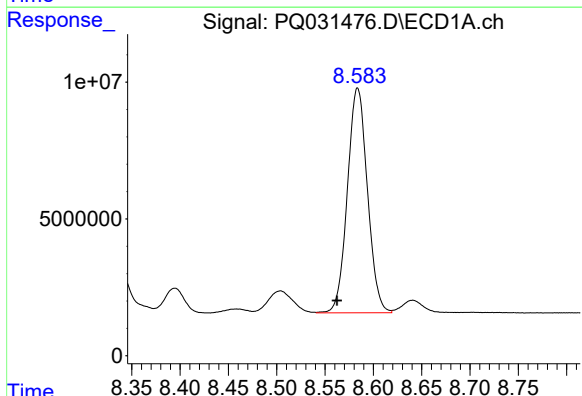
R.T.: 8.214 min
Delta R.T.: -0.017 min
Response: 8577077
Conc: 66.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



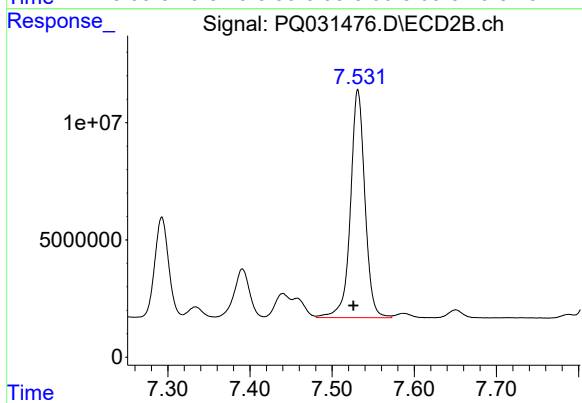
#39 AR-1262-4

R.T.: 7.293 min
Delta R.T.: 0.005 min
Response: 49786938
Conc: 374.88 ng/ml



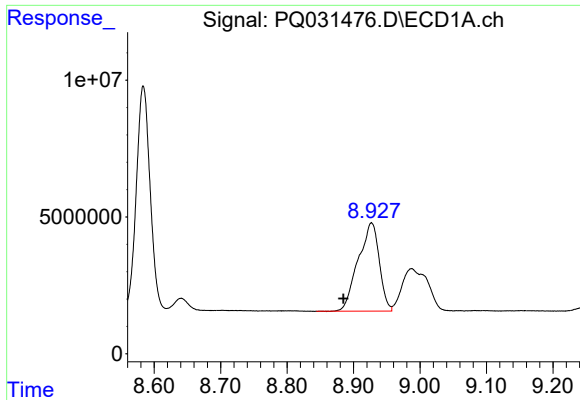
#40 AR-1262-5

R.T.: 8.584 min
Delta R.T.: 0.021 min
Response: 118347951
Conc: 472.37 ng/ml



#40 AR-1262-5

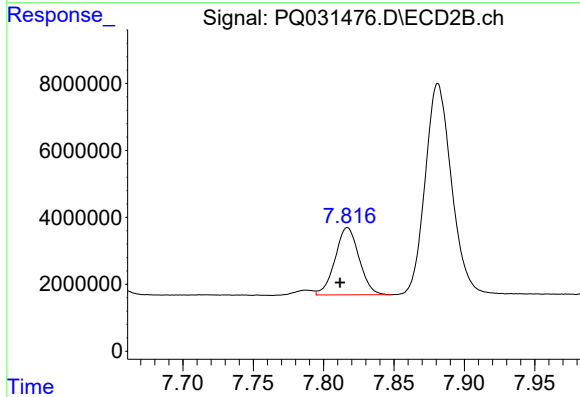
R.T.: 7.531 min
Delta R.T.: 0.005 min
Response: 118920211
Conc: 425.92 ng/ml



#41 AR-1268-1

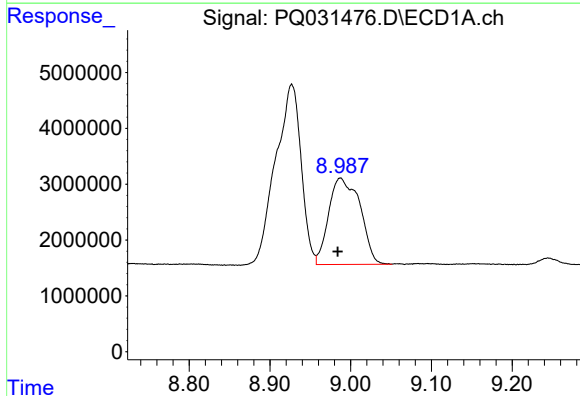
R.T.: 8.927 min
Delta R.T.: 0.042 min
Response: 71189286
Conc: 289.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



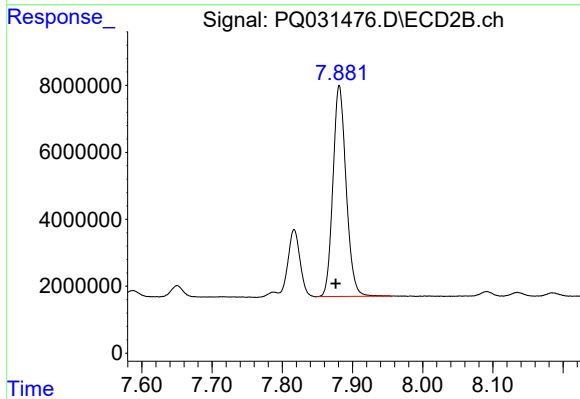
#41 AR-1268-1

R.T.: 7.817 min
Delta R.T.: 0.005 min
Response: 23881822
Conc: 89.58 ng/ml



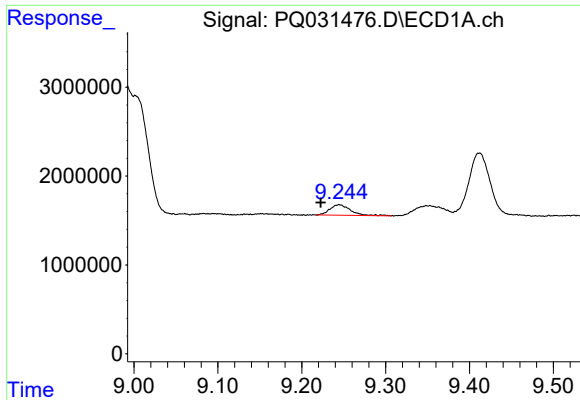
#42 AR-1268-2

R.T.: 8.987 min
Delta R.T.: 0.003 min
Response: 41714935
Conc: 187.43 ng/ml



#42 AR-1268-2

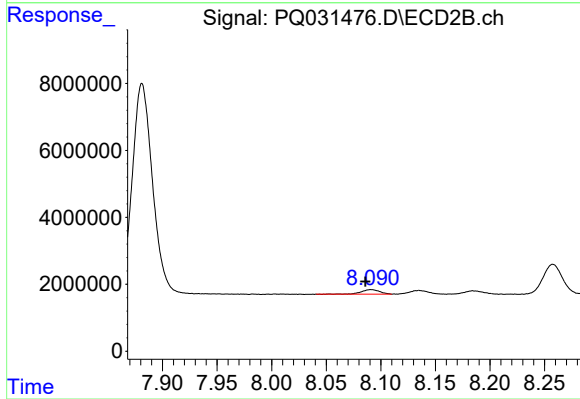
R.T.: 7.881 min
Delta R.T.: 0.005 min
Response: 82255157
Conc: 340.16 ng/ml



#43 AR-1268-3

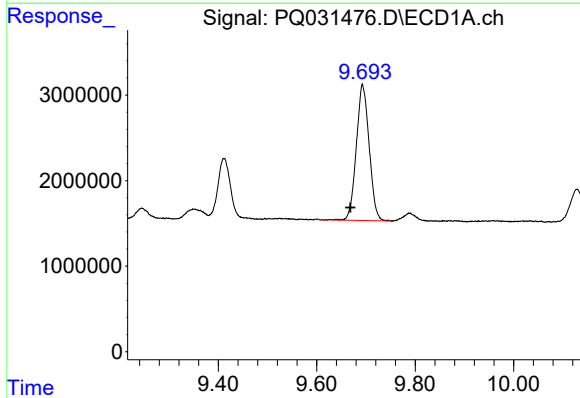
R.T.: 9.245 min
Delta R.T.: 0.022 min
Response: 2008412
Conc: 10.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



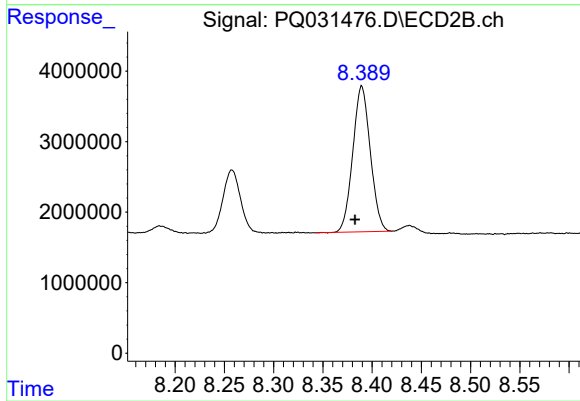
#43 AR-1268-3

R.T.: 8.091 min
Delta R.T.: 0.005 min
Response: 1591684
Conc: 7.90 ng/ml



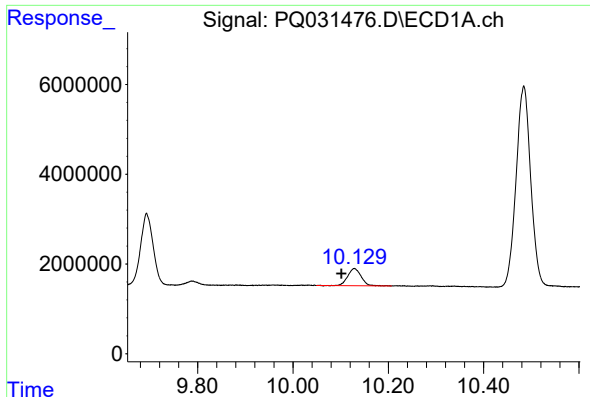
#44 AR-1268-4

R.T.: 9.693 min
Delta R.T.: 0.024 min
Response: 28713941
Conc: 348.79 ng/ml



#44 AR-1268-4

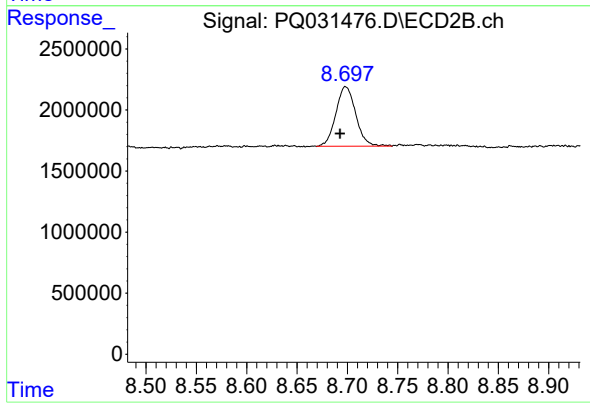
R.T.: 8.390 min
Delta R.T.: 0.007 min
Response: 25582136
Conc: 287.96 ng/ml



#45 AR-1268-5

R.T.: 10.129 min
Delta R.T.: 0.027 min
Response: 7378277
Conc: 12.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.698 min
Delta R.T.: 0.006 min
Response: 6704078
Conc: 10.31 ng/ml