

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051419\
 Data File : PR037881.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2019 08:45
 Operator : SM\MA
 Sample : K2625-07DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 09:33:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR051119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun May 12 00:51:44 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...	3.799	4.638	5892581	17498245	3.270	3.470
2)	SA Decachlor...	8.811	10.412	5304900	12193155	2.781	2.681
Target Compounds							
3)	L1 AR-1016-1	4.877	5.795	7138398	18585866	91.552	98.814
4)	L1 AR-1016-2	4.877	5.795	7138398	18585866	66.227	68.614
5)	L1 AR-1016-3	5.070	5.880	5303031	13750625	93.496	84.458
6)	L1 AR-1016-4	5.111	5.978	26259821	14773942	574.559	107.307 #
7)	L1 AR-1016-5	5.323	6.269	18540723	46846586	298.940	344.869
8)	L2 AR-1221-1	4.001	4.769	1146858	2214182	54.932	41.864
10)	L2 AR-1221-3	4.173	5.006	1650433	4610984	32.726	35.754
11)	L3 AR-1232-1	4.173	5.006	1650433	4610984	29.959	31.929
12)	L3 AR-1232-2	4.877	5.531	7138398	14056025	104.943	178.953 #
13)	L3 AR-1232-3	5.070	5.795	5303031	18585866	150.053	109.504 #
14)	L3 AR-1232-4	5.152	5.978	10651912	14773942	345.270	173.371 #
15)	L3 AR-1232-5	5.323	6.064	18540723	68156650	527.877	1130.712 #
16)	L4 AR-1242-1	4.877	5.795	7138398	18585866	117.643	127.792
17)	L4 AR-1242-2	4.877	5.795	7138398	18585866	85.690	88.409
18)	L4 AR-1242-3	5.070	5.880	5303031	13750625	119.255	107.852
19)	L4 AR-1242-4	5.152	5.978	10651912	14773942	248.542	138.158 #
20)	L4 AR-1242-5	5.639	6.708	11094266	55169990	178.288	445.985 #
21)	L5 AR-1248-1	4.877	5.795	7138398	18585866	149.675	163.308
22)	L5 AR-1248-2	5.111	6.064	26259821	68156650	425.574	439.772
23)	L5 AR-1248-3	5.152	6.269	10651912	46846586	168.182	257.035 #
24)	L5 AR-1248-4	5.323	6.642	18540723	143.5E6	230.081	656.595 #
25)	L5 AR-1248-5	5.673	6.708	77238968	55169990	908.983	265.035 #
26)	L6 AR-1254-1	5.639	6.642	11094266	143.5E6	74.941	595.843 #
27)	L6 AR-1254-2	5.818	6.857	69184784	231.5E6	537.284	606.496
28)	L6 AR-1254-3	6.184	7.222	17852731	269.1E6	80.873	636.729 #
29)	L6 AR-1254-4	6.402	7.505	9088280	201.3E6	60.032	651.624 #
30)	L6 AR-1254-5	6.813	7.920	14653196	234.8E6	74.785	702.902 #
31)	L7 AR-1260-1	6.352	7.383	55758031	102.9E6	464.618	415.714
32)	L7 AR-1260-2	6.538	7.635	55965777	130.4E6	357.026	443.394
33)	L7 AR-1260-3	6.691	7.988	48003889	39462540	363.097	180.743 #
34)	L7 AR-1260-4	7.164	8.215	10748747	101.2E6	100.882	396.089 #
35)	L7 AR-1260-5	7.383	8.551	15290681	69712552	54.429	134.189 #
36)	L8 AR-1262-1	6.936	7.988	6623344	39462540	99.081	124.900 #
37)	L8 AR-1262-2	7.383	8.551	15290681	69712552	46.816	111.884 #
38)	L8 AR-1262-3	7.691	8.891	6250173	43618308	49.893	104.065 #
39)	L8 AR-1262-4	7.753	8.947	22573713	20382321	97.084	63.874 #
40)	L8 AR-1262-5	8.253	9.639	5300705	11832858	49.410	47.523
41)	L9 AR-1268-1	7.691	8.891	6250173	43618308	14.344	43.535 #
42)	L9 AR-1268-2	7.753	8.947	22573713	20382321	57.400	22.547 #

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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
44) L9	AR-1268-4	8.253	9.639	5300705	11832858	41.317	34.800
45) L9	AR-1268-5	8.550	10.065	1979787	4620768	2.124	1.811

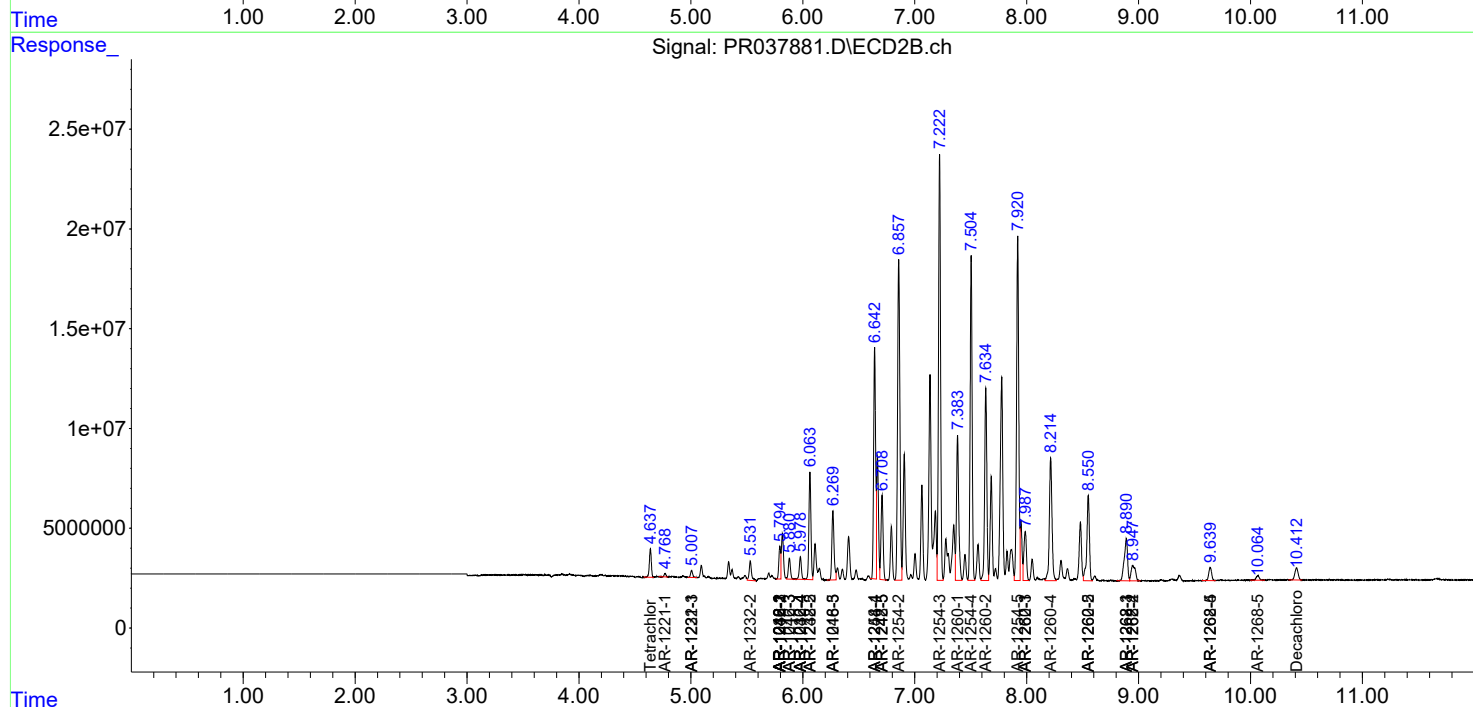
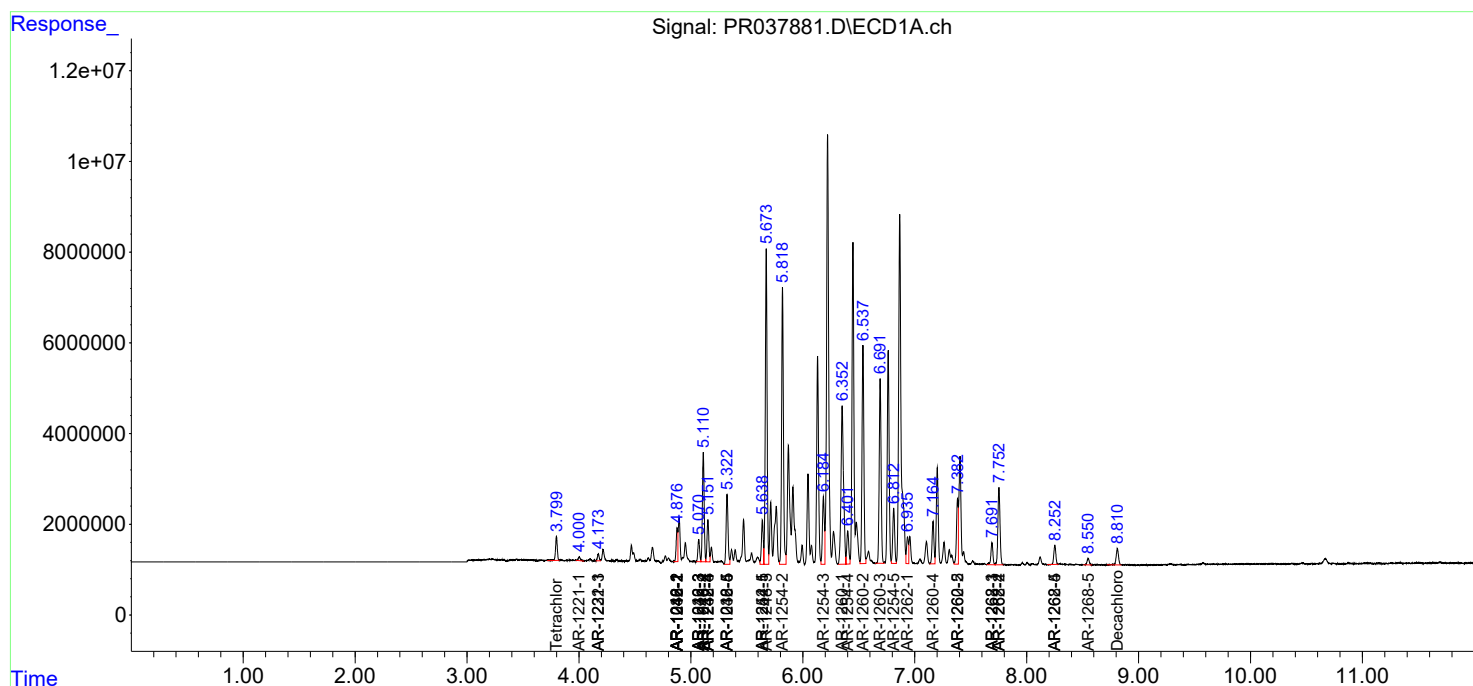
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

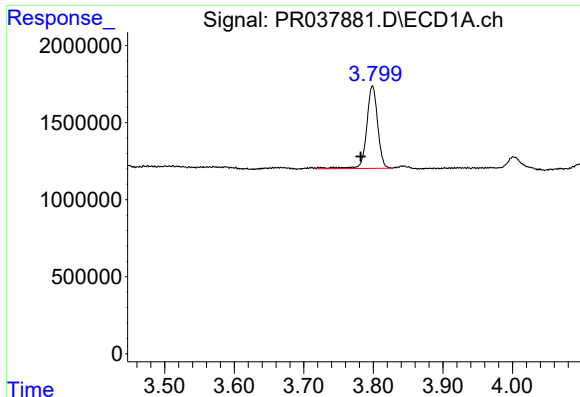
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

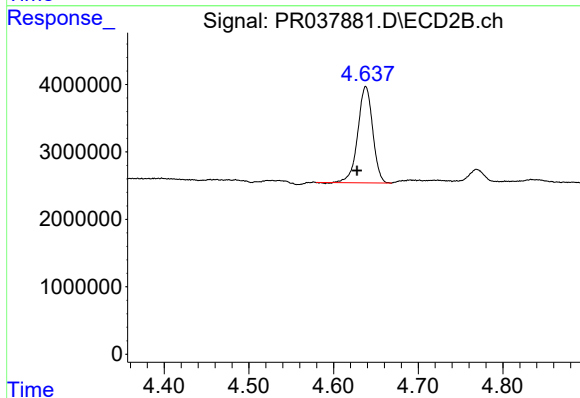




#1 Tetrachloro-m-xylene

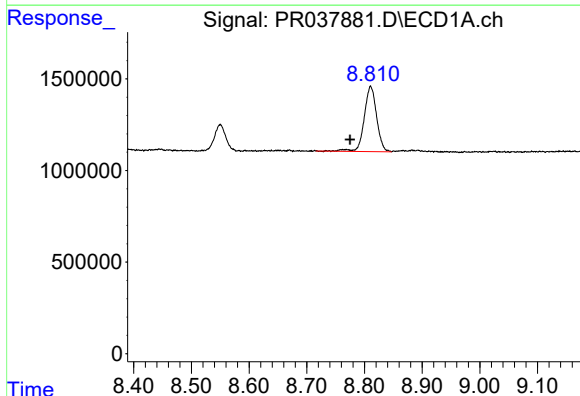
R.T.: 3.799 min
Delta R.T.: 0.017 min
Response: 5892581
Conc: 3.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



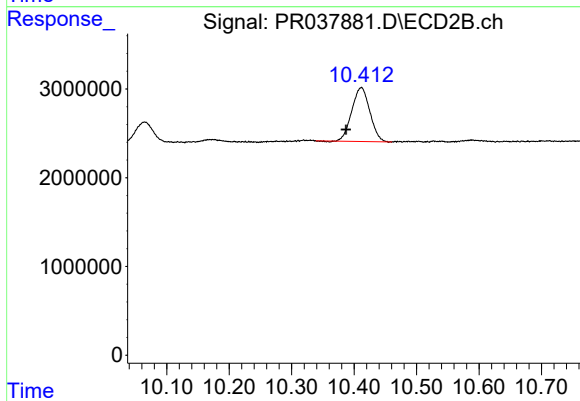
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.010 min
Response: 17498245
Conc: 3.47 ng/ml



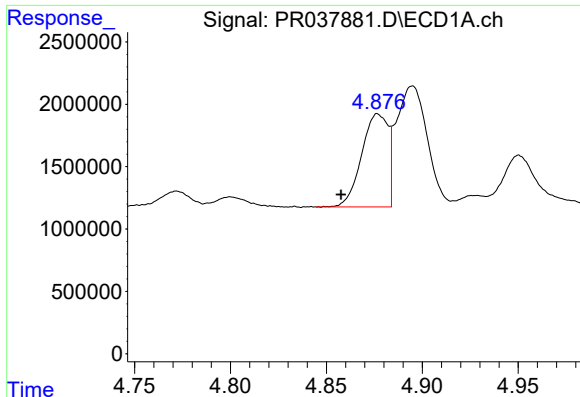
#2 Decachlorobiphenyl

R.T.: 8.811 min
Delta R.T.: 0.035 min
Response: 5304900
Conc: 2.78 ng/ml



#2 Decachlorobiphenyl

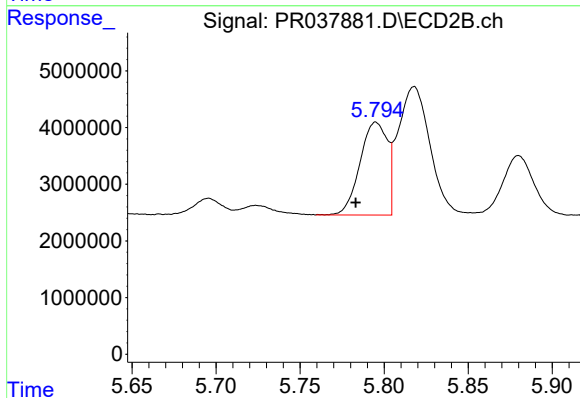
R.T.: 10.412 min
Delta R.T.: 0.024 min
Response: 12193155
Conc: 2.68 ng/ml



#3 AR-1016-1

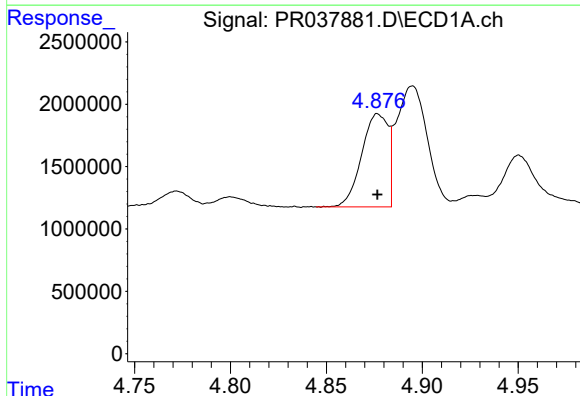
R.T.: 4.877 min
Delta R.T.: 0.019 min
Response: 7138398
Conc: 91.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



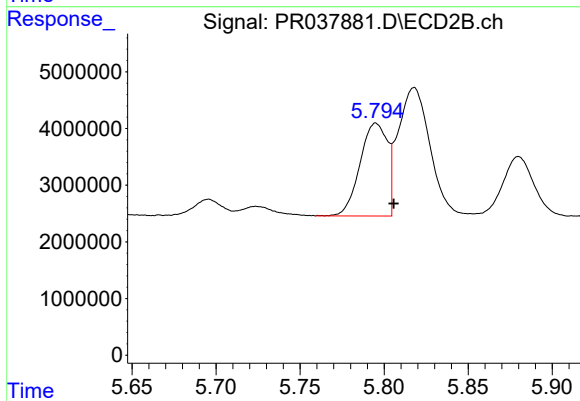
#3 AR-1016-1

R.T.: 5.795 min
Delta R.T.: 0.012 min
Response: 18585866
Conc: 98.81 ng/ml



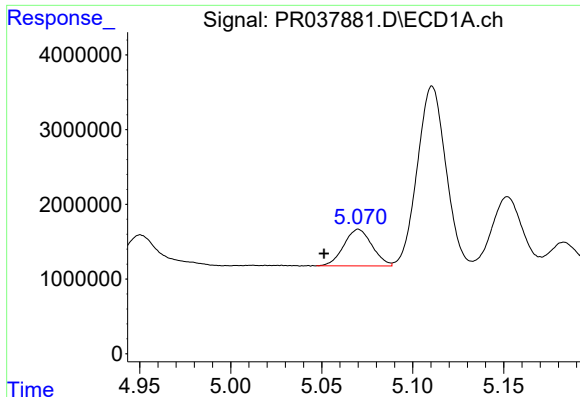
#4 AR-1016-2

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 7138398
Conc: 66.23 ng/ml



#4 AR-1016-2

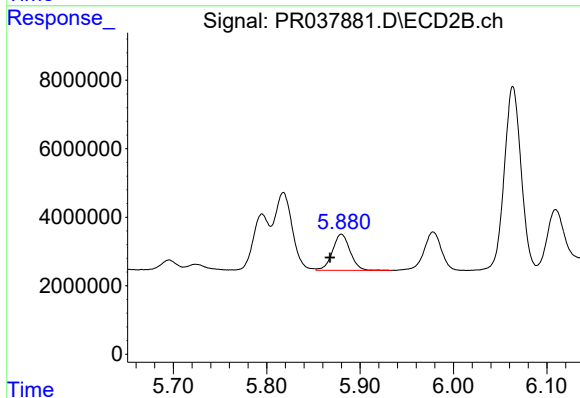
R.T.: 5.795 min
Delta R.T.: -0.011 min
Response: 18585866
Conc: 68.61 ng/ml



#5 AR-1016-3

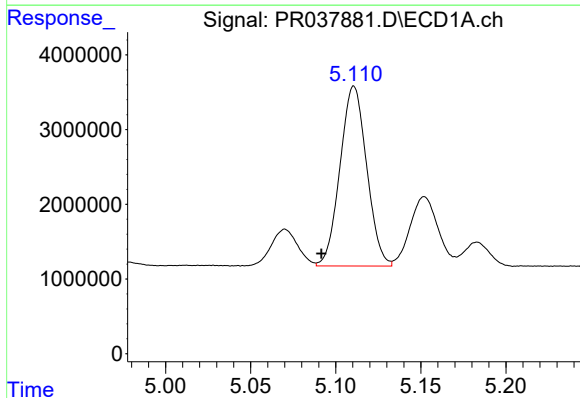
R.T.: 5.070 min
Delta R.T.: 0.019 min
Response: 5303031
Conc: 93.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



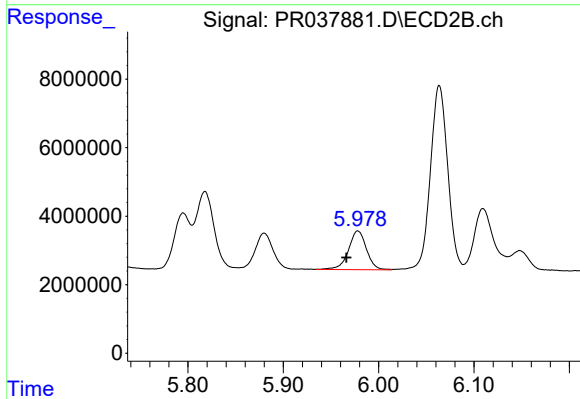
#5 AR-1016-3

R.T.: 5.880 min
Delta R.T.: 0.012 min
Response: 13750625
Conc: 84.46 ng/ml



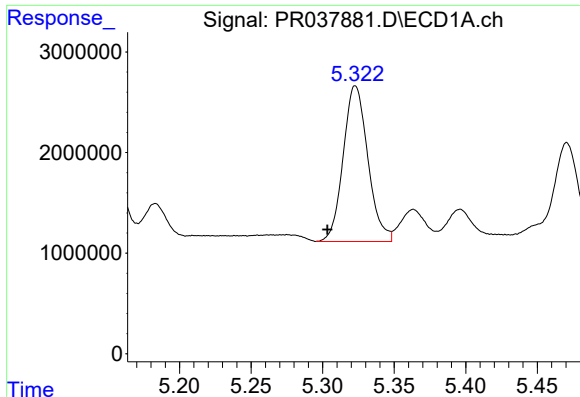
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: 0.019 min
Response: 26259821
Conc: 574.56 ng/ml



#6 AR-1016-4

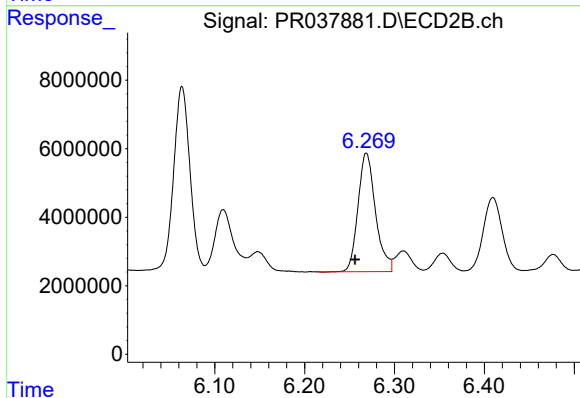
R.T.: 5.978 min
Delta R.T.: 0.012 min
Response: 14773942
Conc: 107.31 ng/ml



#7 AR-1016-5

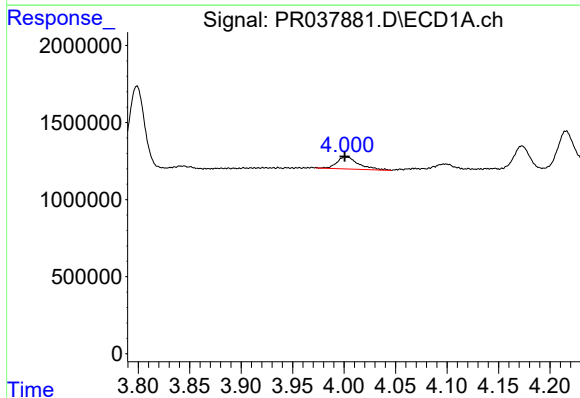
R.T.: 5.323 min
Delta R.T.: 0.020 min
Response: 18540723
Conc: 298.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



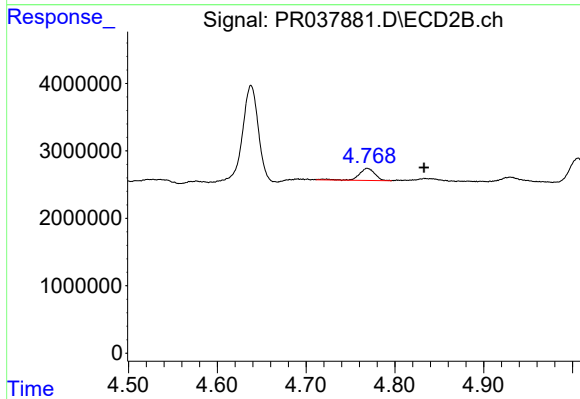
#7 AR-1016-5

R.T.: 6.269 min
Delta R.T.: 0.012 min
Response: 46846586
Conc: 344.87 ng/ml



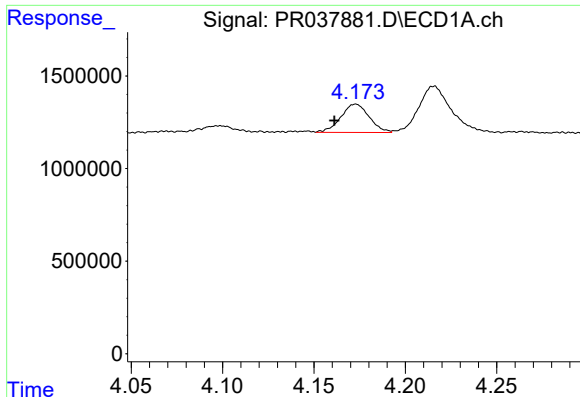
#8 AR-1221-1

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 1146858
Conc: 54.93 ng/ml



#8 AR-1221-1

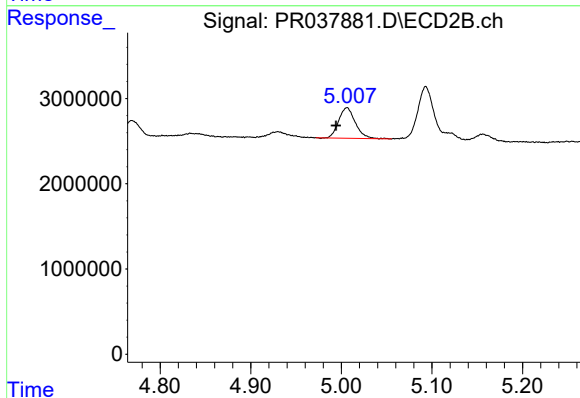
R.T.: 4.769 min
Delta R.T.: -0.064 min
Response: 2214182
Conc: 41.86 ng/ml



#10 AR-1221-3

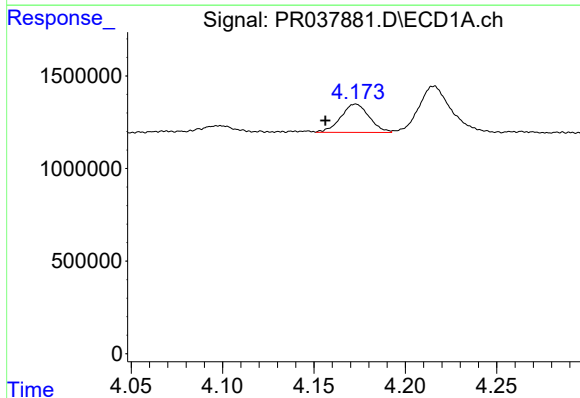
R.T.: 4.173 min
Delta R.T.: 0.012 min
Response: 1650433
Conc: 32.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



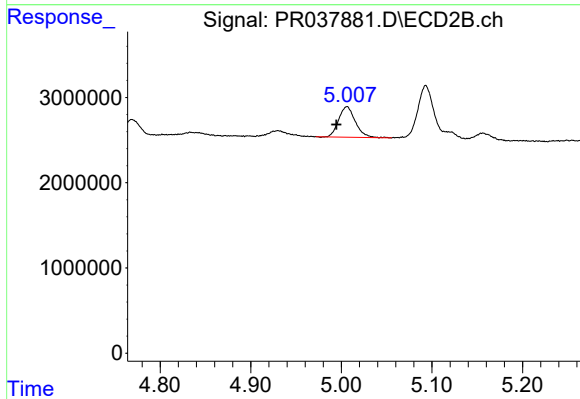
#10 AR-1221-3

R.T.: 5.006 min
Delta R.T.: 0.012 min
Response: 4610984
Conc: 35.75 ng/ml



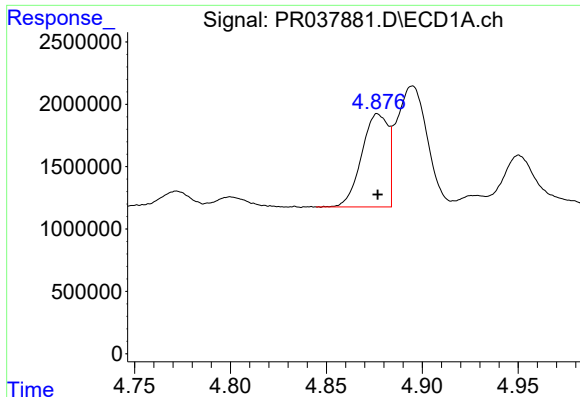
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: 0.017 min
Response: 1650433
Conc: 29.96 ng/ml



#11 AR-1232-1

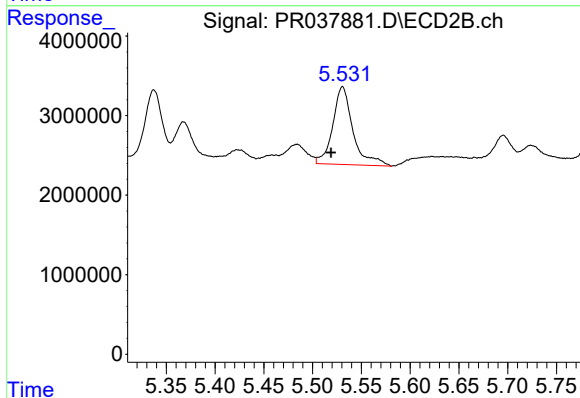
R.T.: 5.006 min
Delta R.T.: 0.012 min
Response: 4610984
Conc: 31.93 ng/ml



#12 AR-1232-2

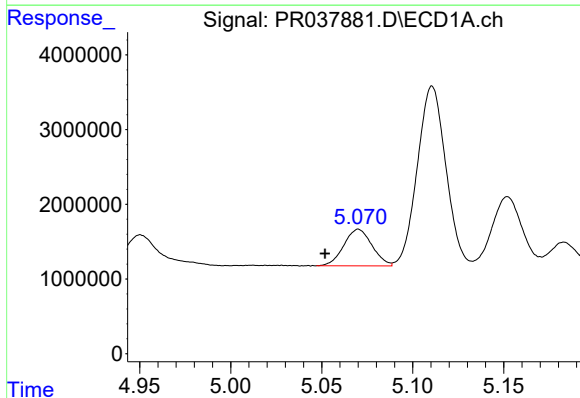
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 7138398
Conc: 104.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



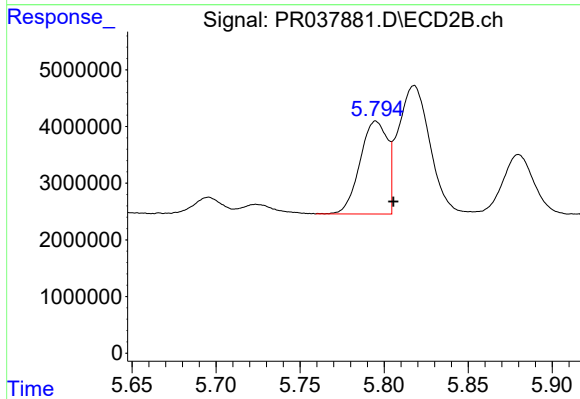
#12 AR-1232-2

R.T.: 5.531 min
Delta R.T.: 0.012 min
Response: 14056025
Conc: 178.95 ng/ml



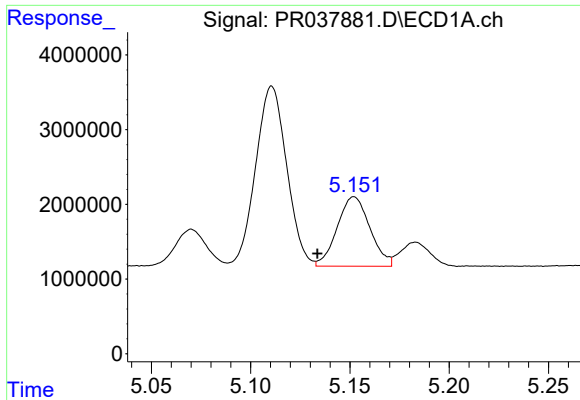
#13 AR-1232-3

R.T.: 5.070 min
Delta R.T.: 0.018 min
Response: 5303031
Conc: 150.05 ng/ml



#13 AR-1232-3

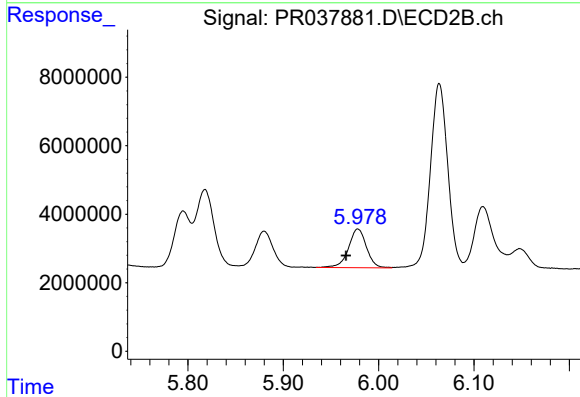
R.T.: 5.795 min
Delta R.T.: -0.011 min
Response: 18585866
Conc: 109.50 ng/ml



#14 AR-1232-4

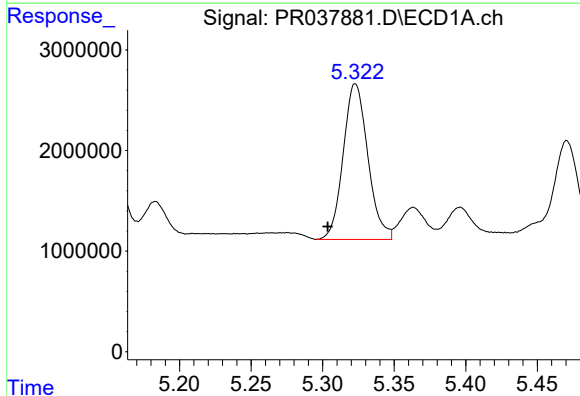
R.T.: 5.152 min
Delta R.T.: 0.018 min
Response: 10651912
Conc: 345.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



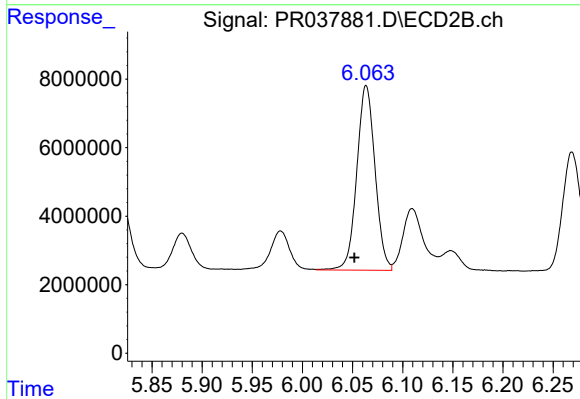
#14 AR-1232-4

R.T.: 5.978 min
Delta R.T.: 0.012 min
Response: 14773942
Conc: 173.37 ng/ml



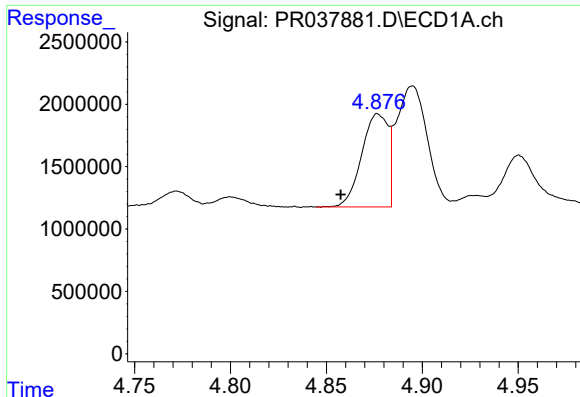
#15 AR-1232-5

R.T.: 5.323 min
Delta R.T.: 0.019 min
Response: 18540723
Conc: 527.88 ng/ml



#15 AR-1232-5

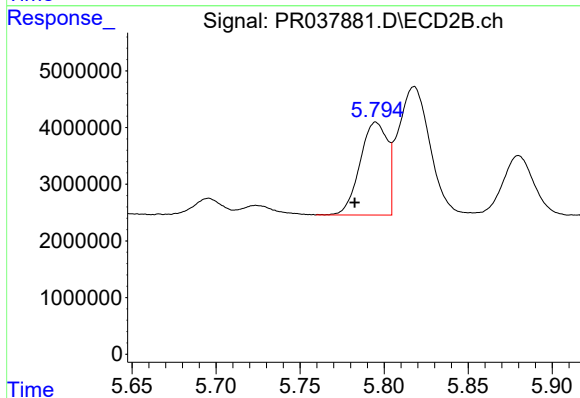
R.T.: 6.064 min
Delta R.T.: 0.012 min
Response: 68156650
Conc: 1130.71 ng/ml



#16 AR-1242-1

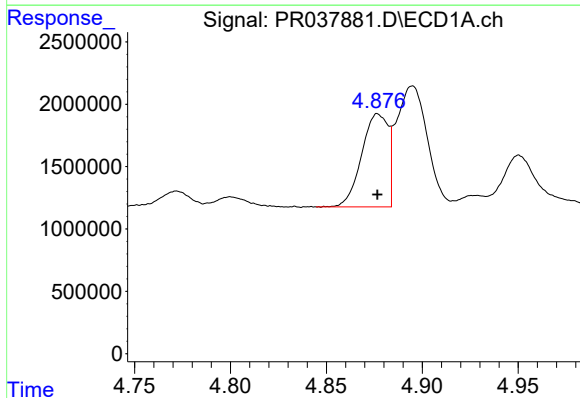
R.T.: 4.877 min
Delta R.T.: 0.019 min
Response: 7138398
Conc: 117.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



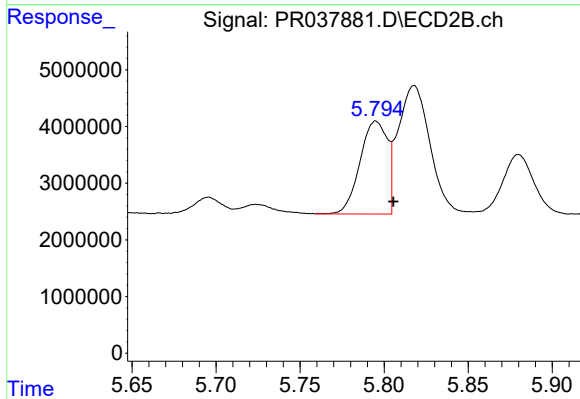
#16 AR-1242-1

R.T.: 5.795 min
Delta R.T.: 0.013 min
Response: 18585866
Conc: 127.79 ng/ml



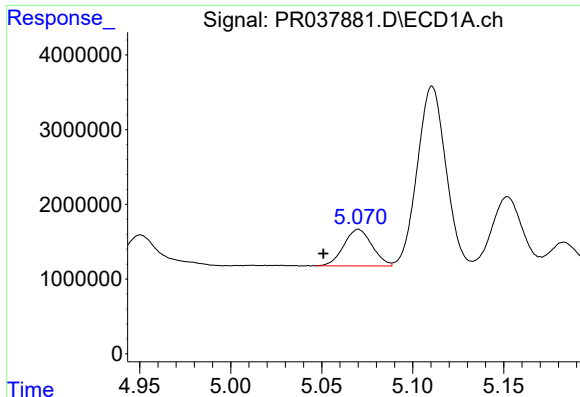
#17 AR-1242-2

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 7138398
Conc: 85.69 ng/ml



#17 AR-1242-2

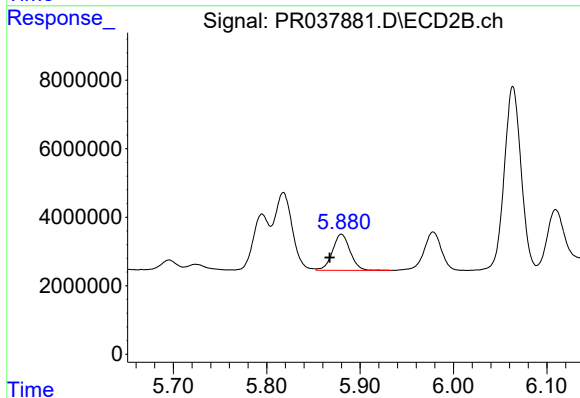
R.T.: 5.795 min
Delta R.T.: -0.010 min
Response: 18585866
Conc: 88.41 ng/ml



#18 AR-1242-3

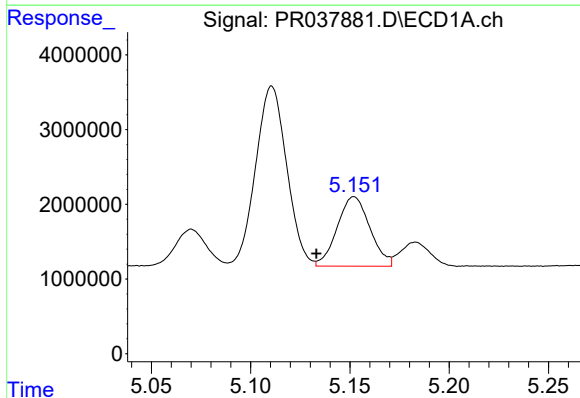
R.T.: 5.070 min
Delta R.T.: 0.019 min
Response: 5303031
Conc: 119.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



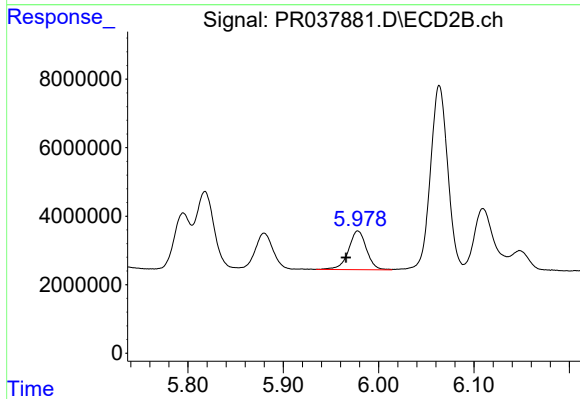
#18 AR-1242-3

R.T.: 5.880 min
Delta R.T.: 0.013 min
Response: 13750625
Conc: 107.85 ng/ml



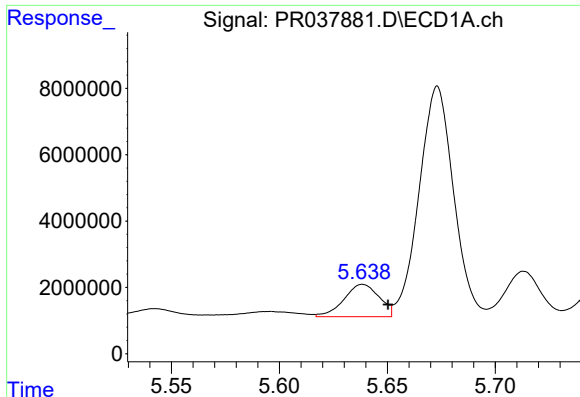
#19 AR-1242-4

R.T.: 5.152 min
Delta R.T.: 0.019 min
Response: 10651912
Conc: 248.54 ng/ml



#19 AR-1242-4

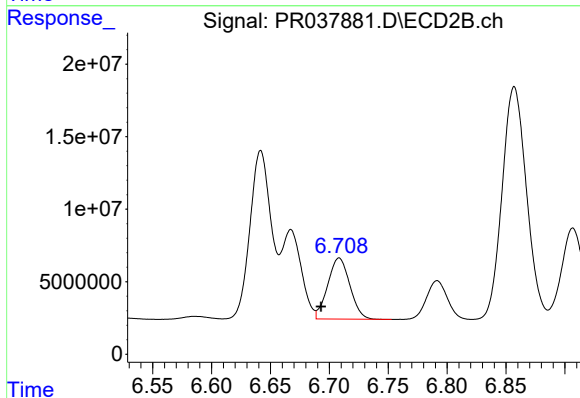
R.T.: 5.978 min
Delta R.T.: 0.012 min
Response: 14773942
Conc: 138.16 ng/ml



#20 AR-1242-5

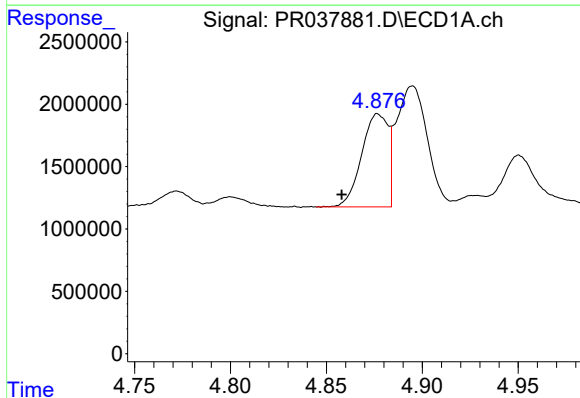
R.T.: 5.639 min
Delta R.T.: -0.012 min
Response: 11094266
Conc: 178.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



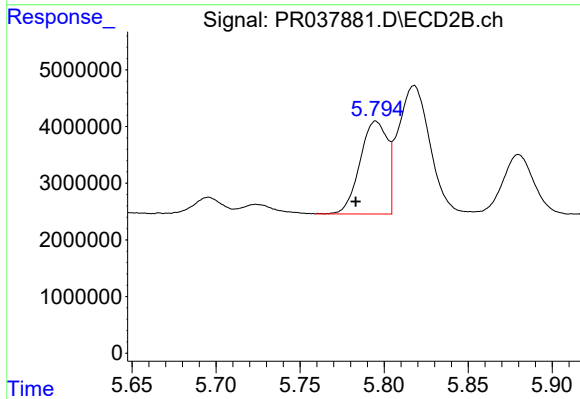
#20 AR-1242-5

R.T.: 6.708 min
Delta R.T.: 0.015 min
Response: 55169990
Conc: 445.98 ng/ml



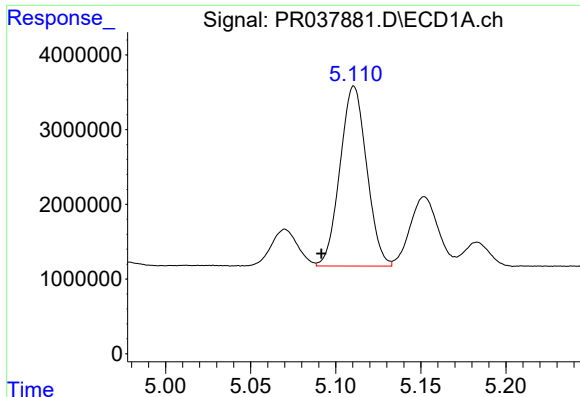
#21 AR-1248-1

R.T.: 4.877 min
Delta R.T.: 0.019 min
Response: 7138398
Conc: 149.67 ng/ml



#21 AR-1248-1

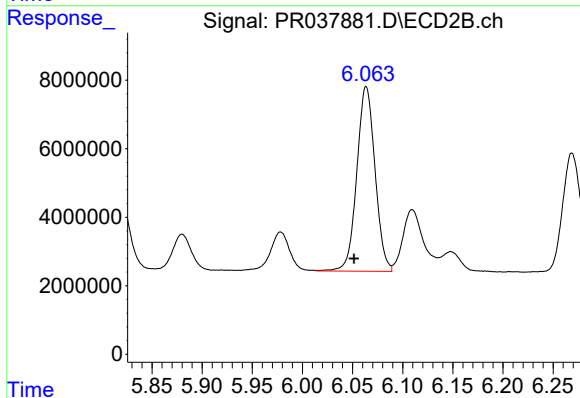
R.T.: 5.795 min
Delta R.T.: 0.012 min
Response: 18585866
Conc: 163.31 ng/ml



#22 AR-1248-2

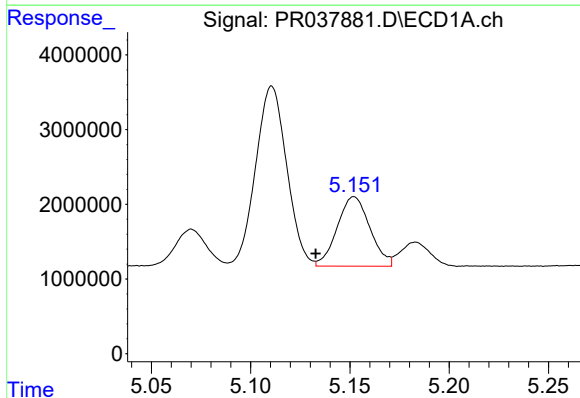
R.T.: 5.111 min
Delta R.T.: 0.019 min
Response: 26259821
Conc: 425.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



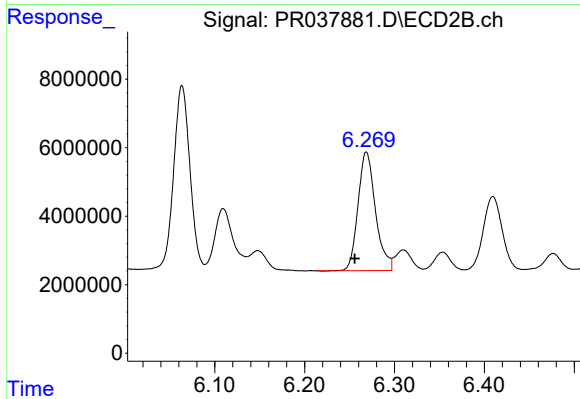
#22 AR-1248-2

R.T.: 6.064 min
Delta R.T.: 0.012 min
Response: 68156650
Conc: 439.77 ng/ml



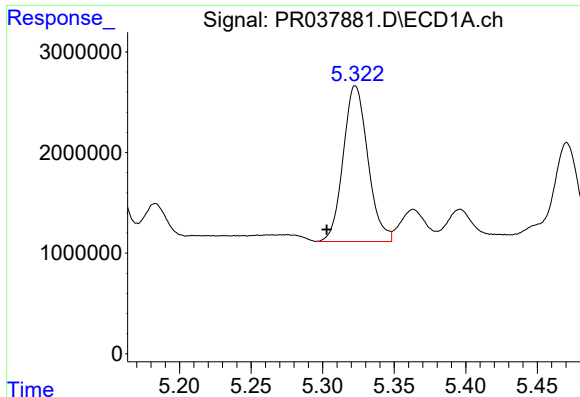
#23 AR-1248-3

R.T.: 5.152 min
Delta R.T.: 0.019 min
Response: 10651912
Conc: 168.18 ng/ml



#23 AR-1248-3

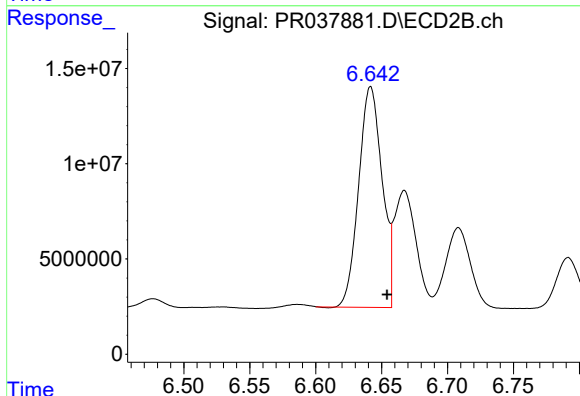
R.T.: 6.269 min
Delta R.T.: 0.013 min
Response: 46846586
Conc: 257.04 ng/ml



#24 AR-1248-4

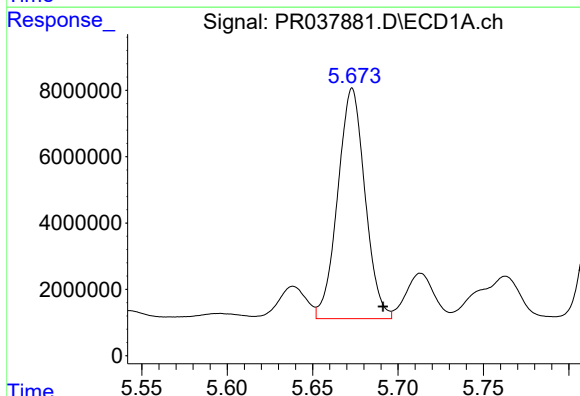
R.T.: 5.323 min
Delta R.T.: 0.020 min
Response: 18540723
Conc: 230.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



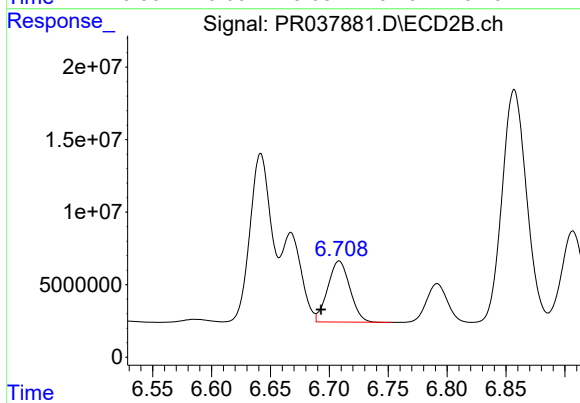
#24 AR-1248-4

R.T.: 6.642 min
Delta R.T.: -0.012 min
Response: 143506406
Conc: 656.59 ng/ml



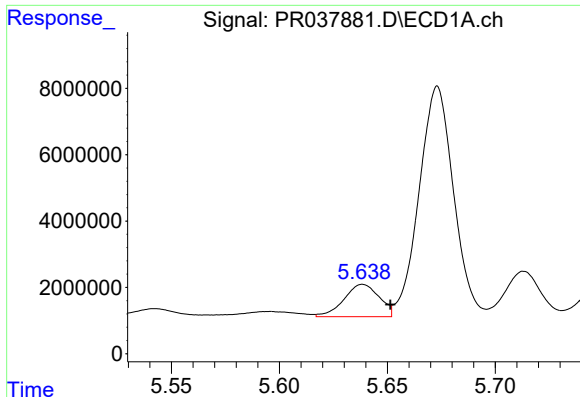
#25 AR-1248-5

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 77238968
Conc: 908.98 ng/ml



#25 AR-1248-5

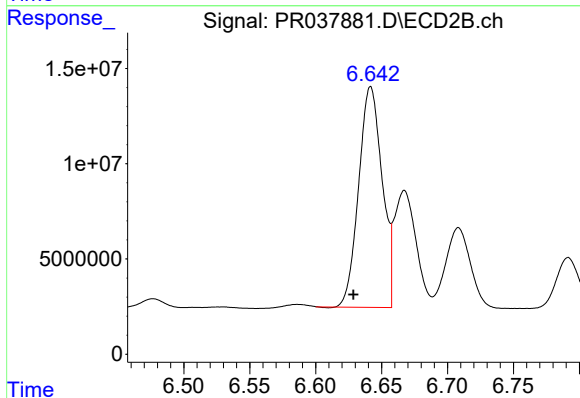
R.T.: 6.708 min
Delta R.T.: 0.015 min
Response: 55169990
Conc: 265.04 ng/ml



#26 AR-1254-1

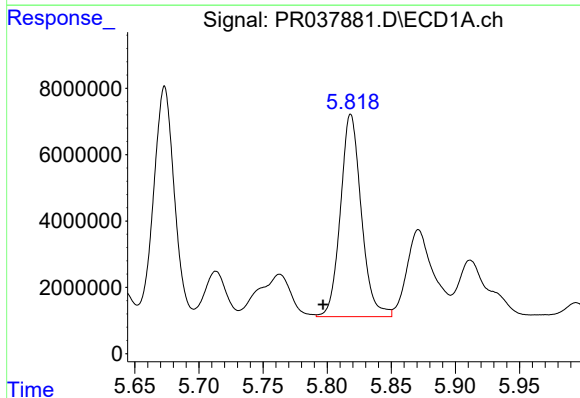
R.T.: 5.639 min
Delta R.T.: -0.013 min
Response: 11094266
Conc: 74.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



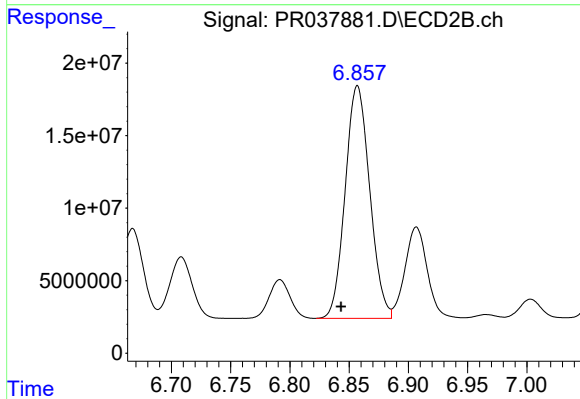
#26 AR-1254-1

R.T.: 6.642 min
Delta R.T.: 0.013 min
Response: 143506406
Conc: 595.84 ng/ml



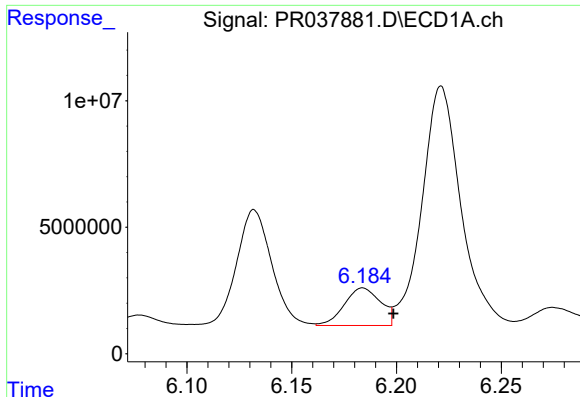
#27 AR-1254-2

R.T.: 5.818 min
Delta R.T.: 0.022 min
Response: 69184784
Conc: 537.28 ng/ml



#27 AR-1254-2

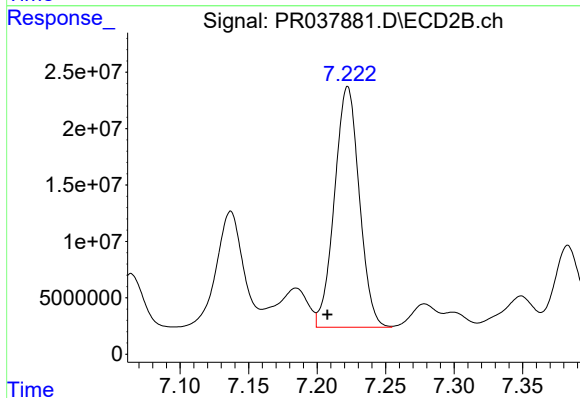
R.T.: 6.857 min
Delta R.T.: 0.014 min
Response: 231549486
Conc: 606.50 ng/ml



#28 AR-1254-3

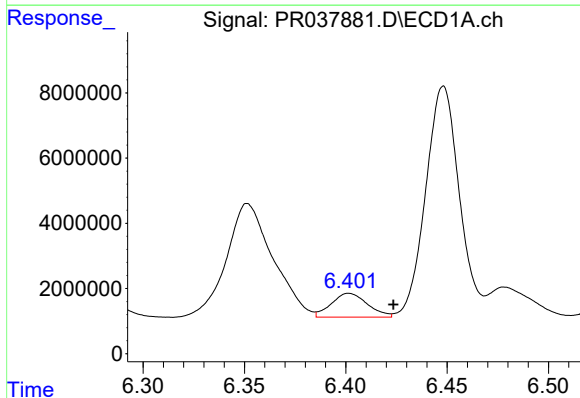
R.T.: 6.184 min
Delta R.T.: -0.015 min
Response: 17852731
Conc: 80.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



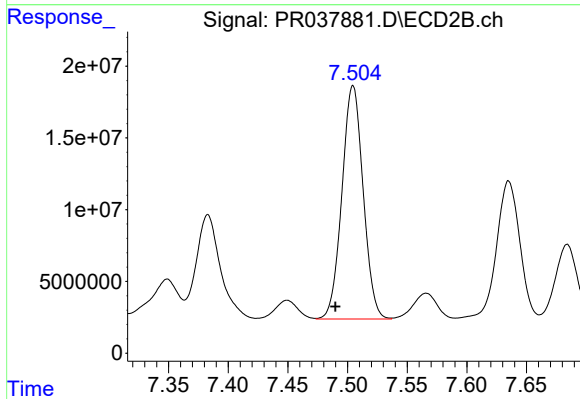
#28 AR-1254-3

R.T.: 7.222 min
Delta R.T.: 0.015 min
Response: 269089011
Conc: 636.73 ng/ml



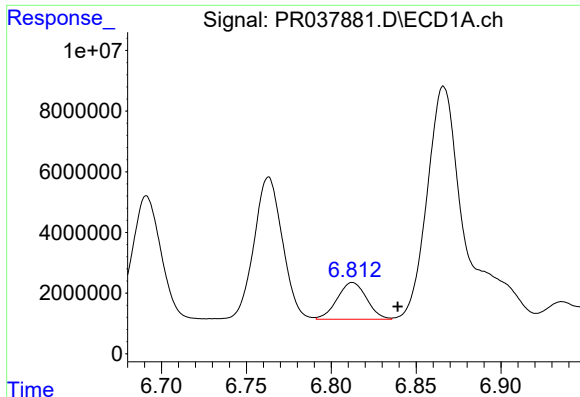
#29 AR-1254-4

R.T.: 6.402 min
Delta R.T.: -0.022 min
Response: 9088280
Conc: 60.03 ng/ml



#29 AR-1254-4

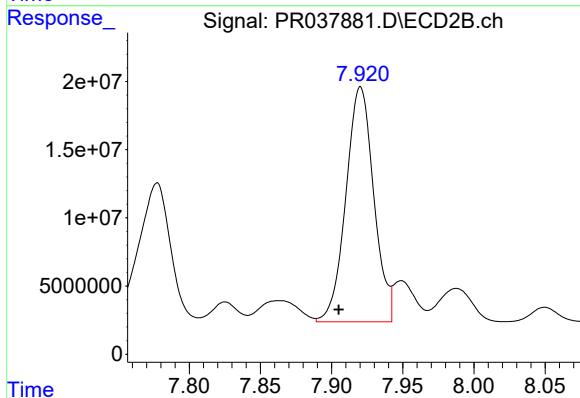
R.T.: 7.505 min
Delta R.T.: 0.015 min
Response: 201326445
Conc: 651.62 ng/ml



#30 AR-1254-5

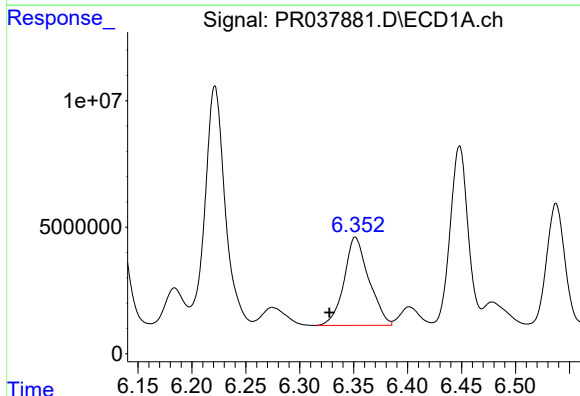
R.T.: 6.813 min
Delta R.T.: -0.027 min
Response: 14653196
Conc: 74.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



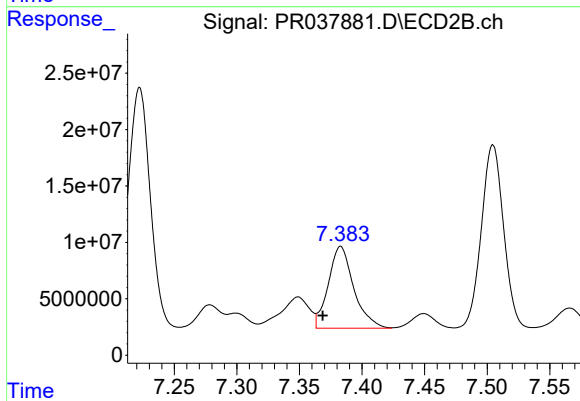
#30 AR-1254-5

R.T.: 7.920 min
Delta R.T.: 0.015 min
Response: 234830603
Conc: 702.90 ng/ml



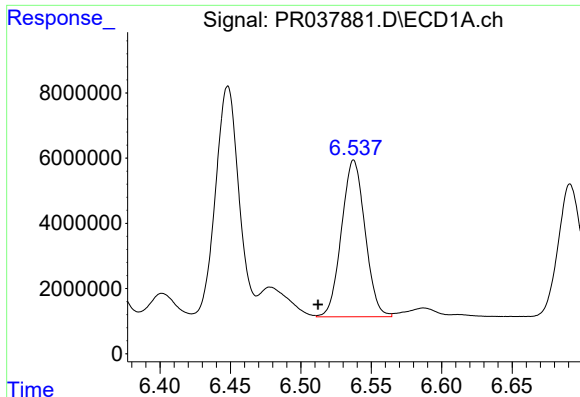
#31 AR-1260-1

R.T.: 6.352 min
Delta R.T.: 0.024 min
Response: 55758031
Conc: 464.62 ng/ml



#31 AR-1260-1

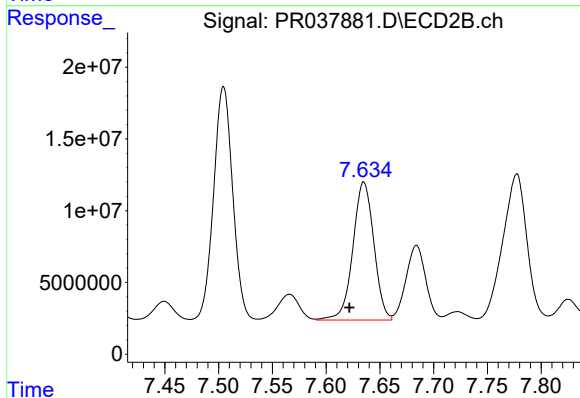
R.T.: 7.383 min
Delta R.T.: 0.014 min
Response: 102884004
Conc: 415.71 ng/ml



#32 AR-1260-2

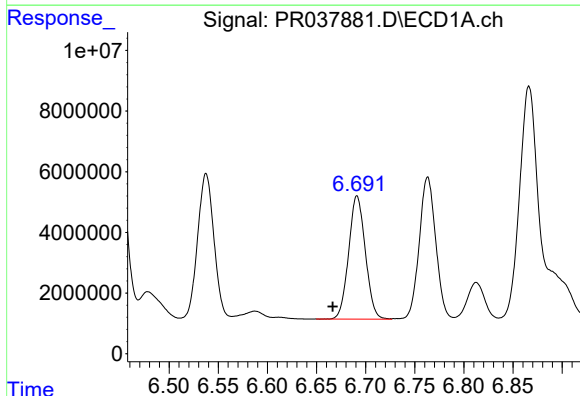
R.T.: 6.538 min
Delta R.T.: 0.025 min
Response: 55965777
Conc: 357.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



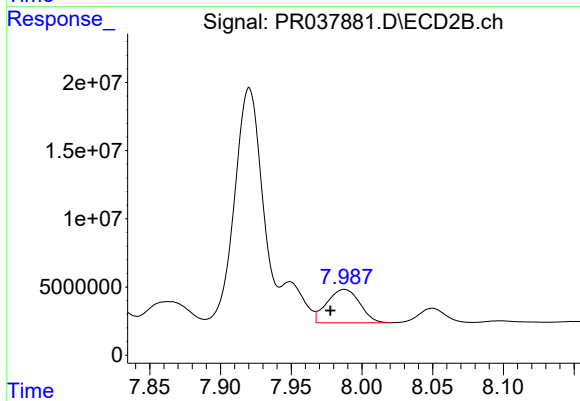
#32 AR-1260-2

R.T.: 7.635 min
Delta R.T.: 0.014 min
Response: 130418329
Conc: 443.39 ng/ml



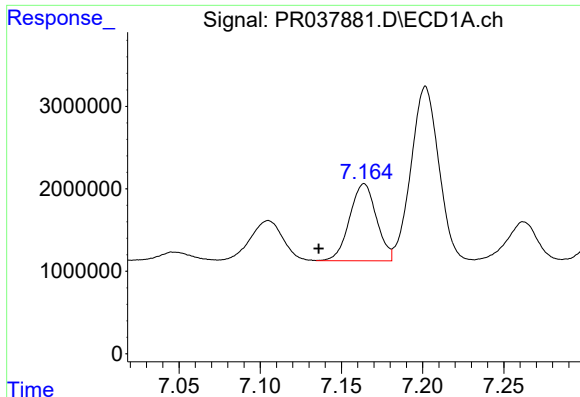
#33 AR-1260-3

R.T.: 6.691 min
Delta R.T.: 0.025 min
Response: 48003889
Conc: 363.10 ng/ml



#33 AR-1260-3

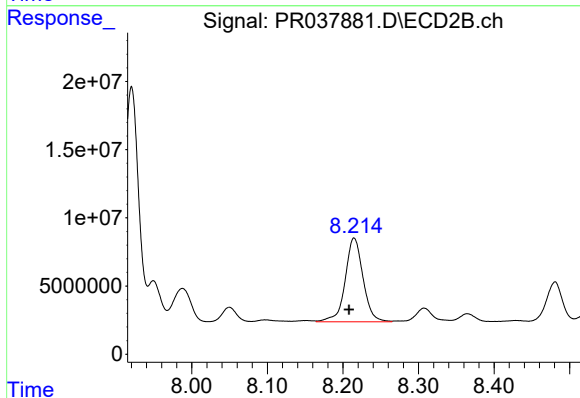
R.T.: 7.988 min
Delta R.T.: 0.010 min
Response: 39462540
Conc: 180.74 ng/ml



#34 AR-1260-4

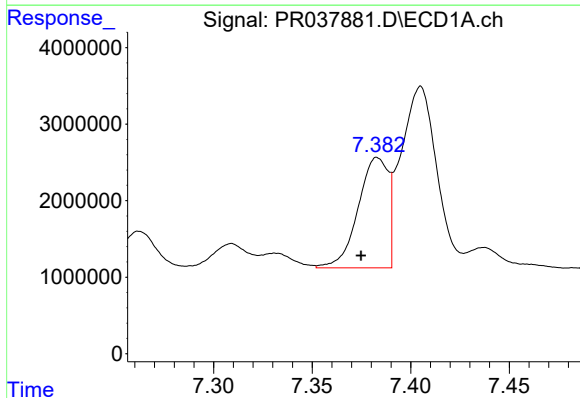
R.T.: 7.164 min
Delta R.T.: 0.028 min
Response: 10748747
Conc: 100.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



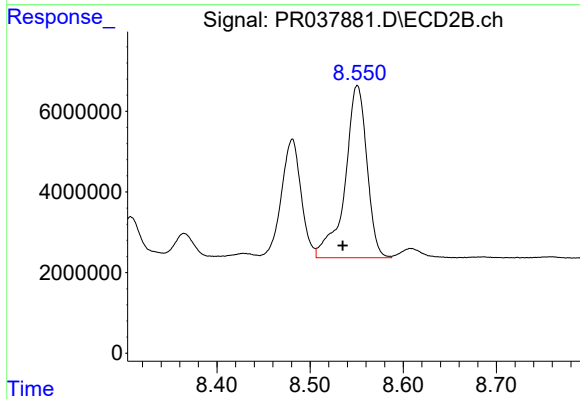
#34 AR-1260-4

R.T.: 8.215 min
Delta R.T.: 0.007 min
Response: 101208848
Conc: 396.09 ng/ml



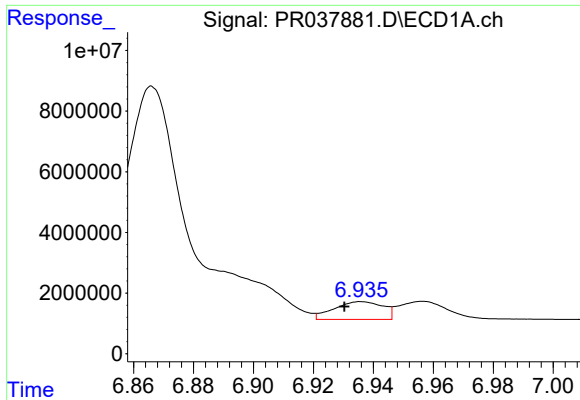
#35 AR-1260-5

R.T.: 7.383 min
Delta R.T.: 0.008 min
Response: 15290681
Conc: 54.43 ng/ml



#35 AR-1260-5

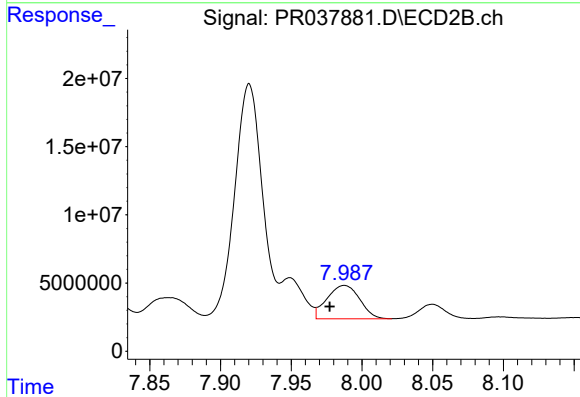
R.T.: 8.551 min
Delta R.T.: 0.016 min
Response: 69712552
Conc: 134.19 ng/ml



#36 AR-1262-1

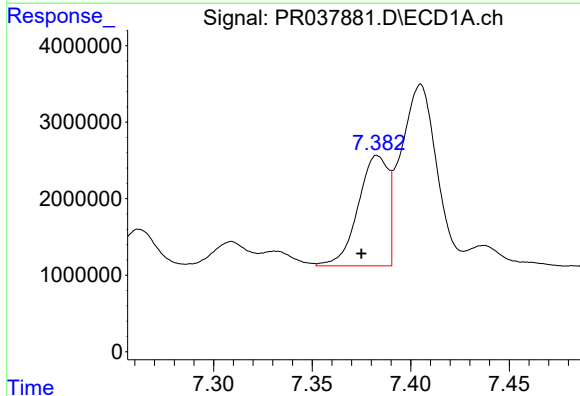
R.T.: 6.936 min
Delta R.T.: 0.006 min
Response: 6623344
Conc: 99.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



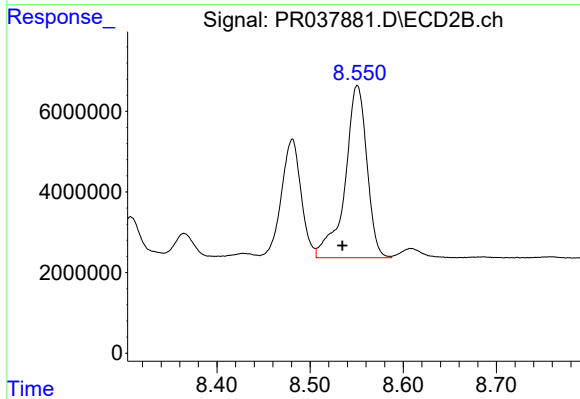
#36 AR-1262-1

R.T.: 7.988 min
Delta R.T.: 0.010 min
Response: 39462540
Conc: 124.90 ng/ml



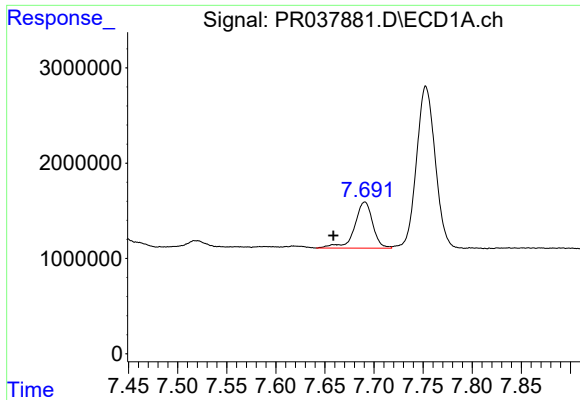
#37 AR-1262-2

R.T.: 7.383 min
Delta R.T.: 0.008 min
Response: 15290681
Conc: 46.82 ng/ml



#37 AR-1262-2

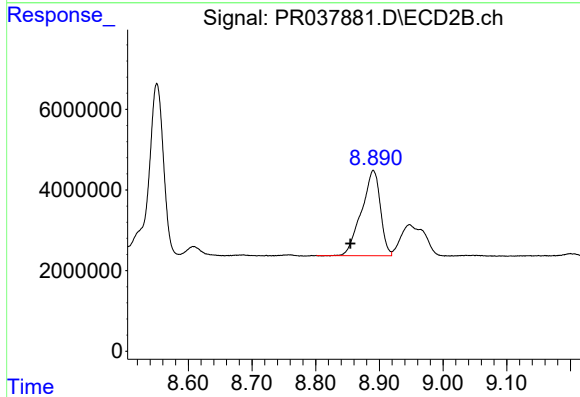
R.T.: 8.551 min
Delta R.T.: 0.016 min
Response: 69712552
Conc: 111.88 ng/ml



#38 AR-1262-3

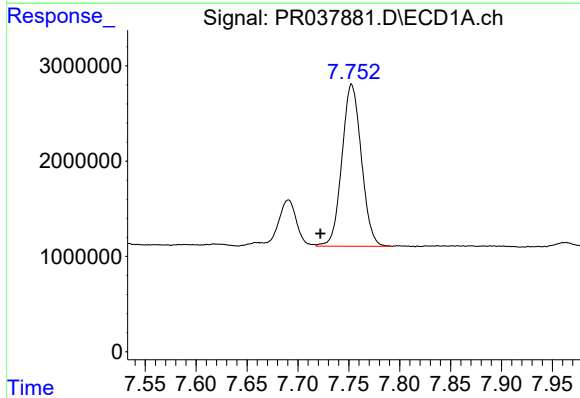
R.T.: 7.691 min
Delta R.T.: 0.032 min
Response: 6250173
Conc: 49.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



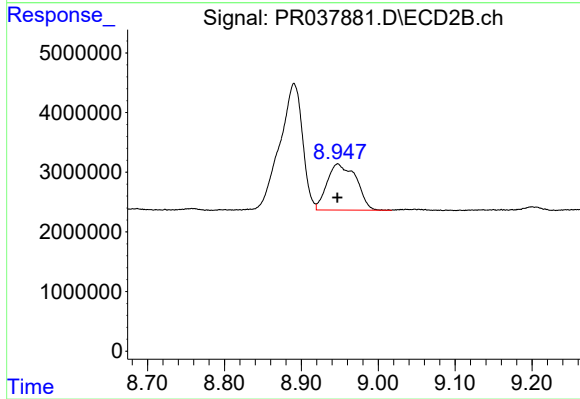
#38 AR-1262-3

R.T.: 8.891 min
Delta R.T.: 0.036 min
Response: 43618308
Conc: 104.07 ng/ml



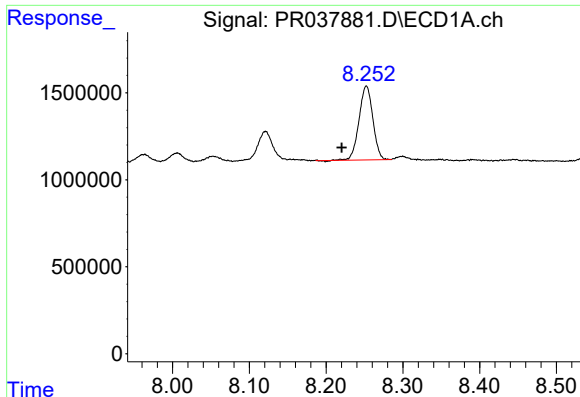
#39 AR-1262-4

R.T.: 7.753 min
Delta R.T.: 0.031 min
Response: 22573713
Conc: 97.08 ng/ml



#39 AR-1262-4

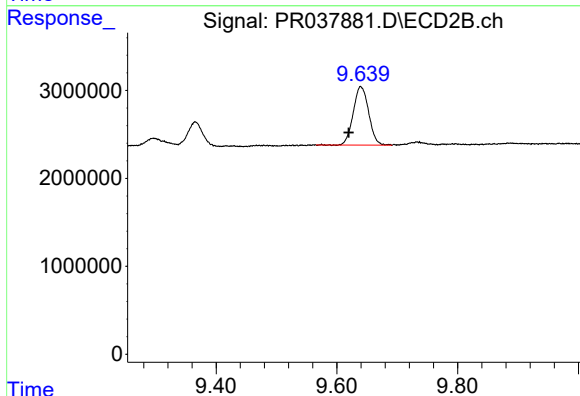
R.T.: 8.947 min
Delta R.T.: 0.000 min
Response: 20382321
Conc: 63.87 ng/ml



#40 AR-1262-5

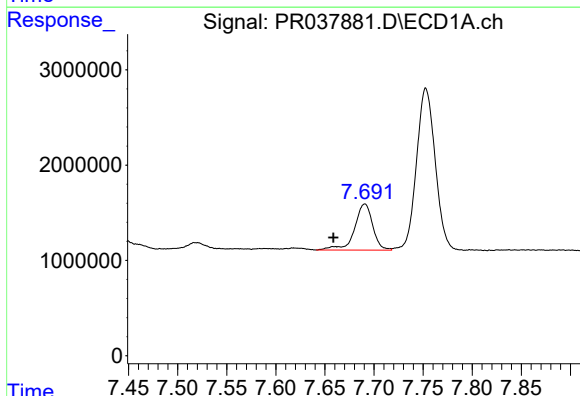
R.T.: 8.253 min
Delta R.T.: 0.032 min
Response: 5300705
Conc: 49.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



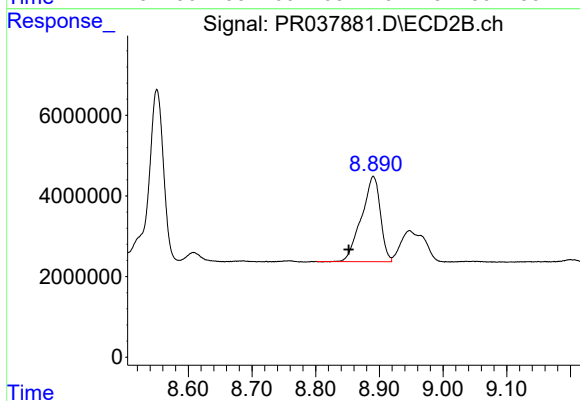
#40 AR-1262-5

R.T.: 9.639 min
Delta R.T.: 0.020 min
Response: 11832858
Conc: 47.52 ng/ml



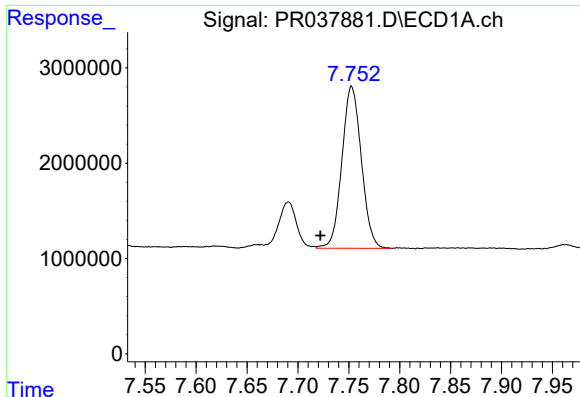
#41 AR-1268-1

R.T.: 7.691 min
Delta R.T.: 0.032 min
Response: 6250173
Conc: 14.34 ng/ml



#41 AR-1268-1

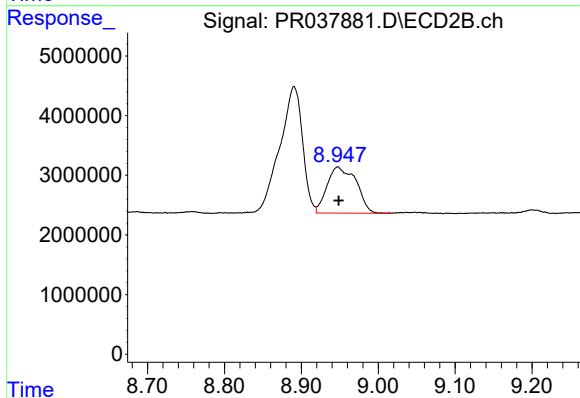
R.T.: 8.891 min
Delta R.T.: 0.039 min
Response: 43618308
Conc: 43.54 ng/ml



#42 AR-1268-2

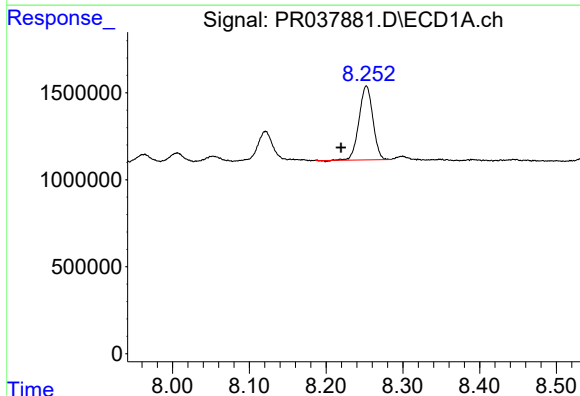
R.T.: 7.753 min
Delta R.T.: 0.031 min
Response: 22573713
Conc: 57.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



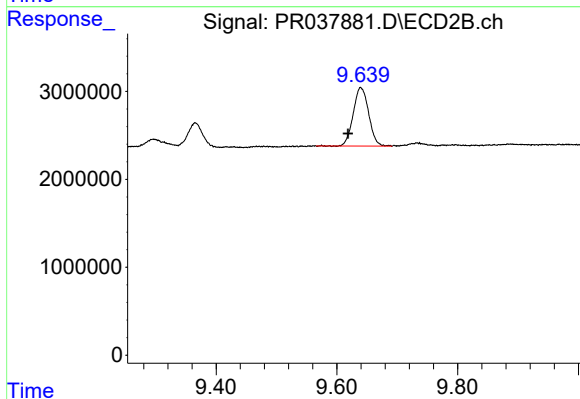
#42 AR-1268-2

R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 20382321
Conc: 22.55 ng/ml



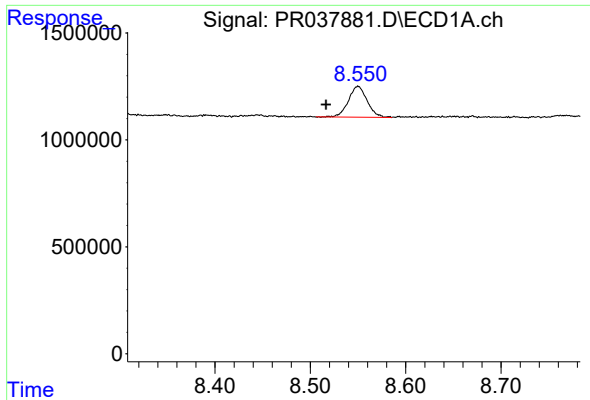
#44 AR-1268-4

R.T.: 8.253 min
Delta R.T.: 0.033 min
Response: 5300705
Conc: 41.32 ng/ml



#44 AR-1268-4

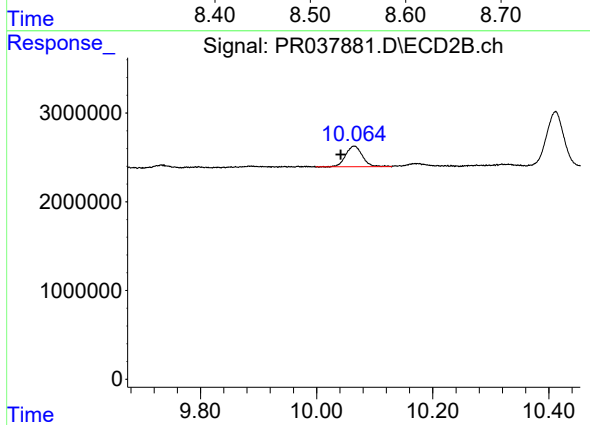
R.T.: 9.639 min
Delta R.T.: 0.021 min
Response: 11832858
Conc: 34.80 ng/ml



#45 AR-1268-5

R.T.: 8.550 min
Delta R.T.: 0.034 min
Response: 1979787
Conc: 2.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 10.065 min
Delta R.T.: 0.023 min
Response: 4620768
Conc: 1.81 ng/ml