

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091123\
 Data File : PP059844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2023 02:12
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 04:40:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 12 04:36:26 2023
 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...	4.380	3.604	80330795	114.5E6	51.699	51.652
2)	SA Decachlor...	10.152	8.619	61565283	89217890	50.386	48.913
Target Compounds							
3)	L1 AR-1016-1	5.557	4.691	25022399	35687667	499.577	496.955
4)	L1 AR-1016-2	5.580	4.710	36300587	52869457	502.502	501.166
5)	L1 AR-1016-3	5.642	4.885	23052997	28366824	505.746	507.531
6)	L1 AR-1016-4	5.741	4.929	18900170	24061328	509.328	504.697
7)	L1 AR-1016-5	6.037	5.141	18410341	30360283	511.583	505.828
8)	L2 AR-1221-1	4.586	3.817	3248646	4497369	165.915	159.551
9)	L2 AR-1221-2	4.677	3.903	4545702	5679057	311.297	282.806
10)	L2 AR-1221-3	4.754	3.979	14925943	20896233	356.722	342.179
11)	L3 AR-1232-1	4.754	3.979	14925943	20896233	431.538	418.783
12)	L3 AR-1232-2	5.287	4.710	20698082	52869457	1096.820	1100.235
13)	L3 AR-1232-3	5.580	4.885	36300587	28366824	1096.411	1110.464
14)	L3 AR-1232-4	5.741	4.970	18900170	29236196	1131.108	1205.989
15)	L3 AR-1232-5	5.878	5.141	17068344	30360283	1240.407	1172.246
16)	L4 AR-1242-1	5.557	4.691	25022399	35687667	564.339	570.056
17)	L4 AR-1242-2	5.580	4.710	36300587	52869457	567.880	575.254
18)	L4 AR-1242-3	5.642	4.885	23052997	28366824	574.717	582.232
19)	L4 AR-1242-4	5.741	4.970	18900170	29236196	576.076	570.228
20)	L4 AR-1242-5	6.482	5.494	4929139	28916409	161.483	487.430 #
21)	L5 AR-1248-1	5.557	4.691	25022399	35687667	785.935	780.830
22)	L5 AR-1248-2	5.833	4.929	16764727	24061328	367.588	349.158
23)	L5 AR-1248-3	6.037	4.970	18410341	29236196	371.269	406.233
24)	L5 AR-1248-4	6.442	5.141	5613589	30360283	114.107	367.935 #
25)	L5 AR-1248-5	6.482	5.537	4929139	7363450	101.560	97.295
26)	L6 AR-1254-1	6.416	5.494	15679192	28916409	297.145	244.516
27)	L6 AR-1254-2	6.635	5.644	13117981	21282531	171.858	203.831
28)	L6 AR-1254-3	7.003	6.063f	5898565	38360492	76.381	242.011 #
29)	L6 AR-1254-4	7.290	6.279	3739416	2810367	71.747	30.448 #
30)	L6 AR-1254-5	7.710	6.695	39022197	68427491	659.486	487.721 #
31)	L7 AR-1260-1	7.169	6.177	31332396	56869468	500.829	484.194
32)	L7 AR-1260-2	7.427	6.369	34469173	66289306	493.326	479.746
33)	L7 AR-1260-3	7.788	6.520	28329419	62461914	501.501	485.797
34)	L7 AR-1260-4	8.014	6.993	31085768	51795745	491.794	488.003
35)	L7 AR-1260-5	8.332	7.239	54861311	110.1E6	497.404	485.798
36)	L8 AR-1262-1	7.788	6.787	28329419	29517010	373.258	476.900 #
37)	L8 AR-1262-2	8.332	6.993	54861311	51795745	462.011	405.983
38)	L8 AR-1262-3	8.657	7.521	35805564	26022769	416.778	265.586 #
39)	L8 AR-1262-4	8.736	7.584	10771699	77782594	158.222	452.291 #
40)	L8 AR-1262-5	9.391	8.083	14385560	26318704	325.785	350.468
41)	L9 AR-1268-1	8.657	7.521	35805564	26022769	226.554	90.312 #

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 ALS Vial : 5 Sample Multiplier: 1

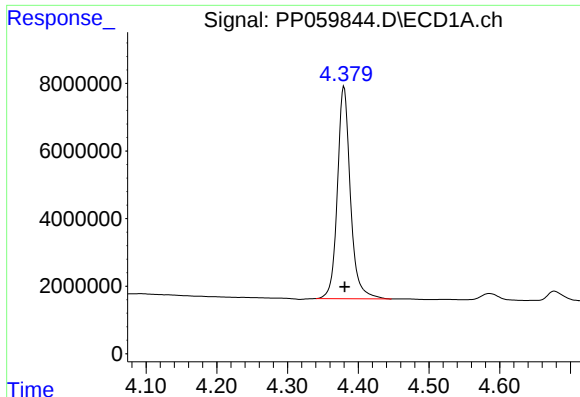
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 04:40:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091123.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	8.736	7.584	10771699	77782594	77.130	299.295 #
43) L9	AR-1268-3	8.966	7.791	871406	1517620	6.563	6.739
44) L9	AR-1268-4	9.391	8.083	14385560	26318704	310.890	308.823
45) L9	AR-1268-5	9.810	8.369	4900142	7954559	12.241	13.040

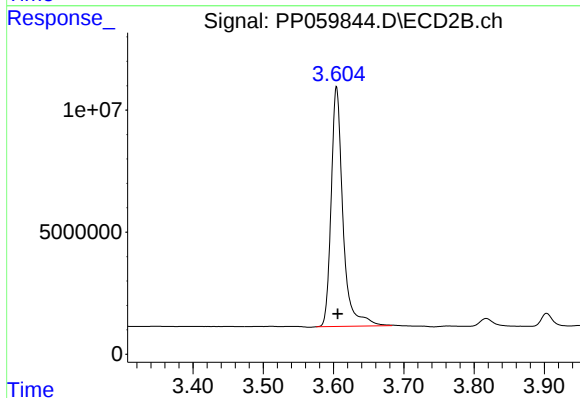
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

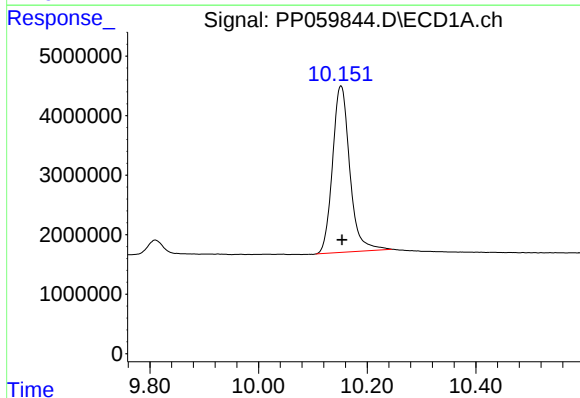
R.T.: 4.380 min
Delta R.T.: -0.001 min
Response: 80330795
Conc: 51.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



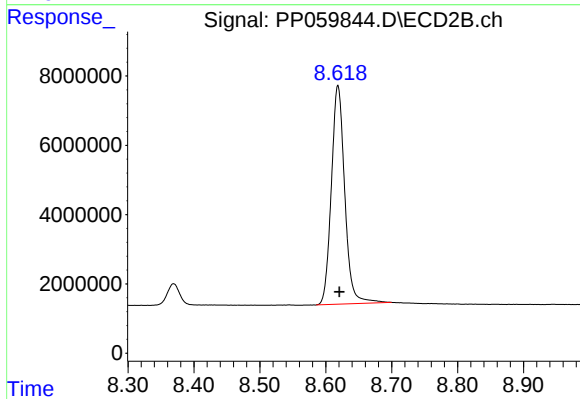
#1 Tetrachloro-m-xylene

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 114523552
Conc: 51.65 ng/ml



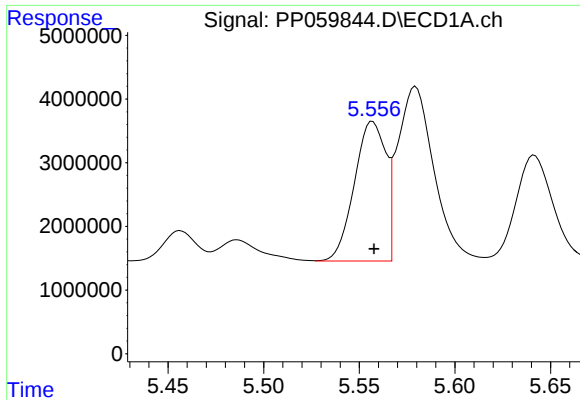
#2 Decachlorobiphenyl

R.T.: 10.152 min
Delta R.T.: -0.002 min
Response: 61565283
Conc: 50.39 ng/ml



#2 Decachlorobiphenyl

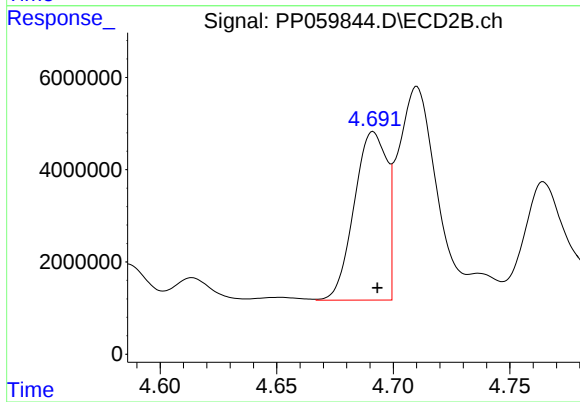
R.T.: 8.619 min
Delta R.T.: -0.002 min
Response: 89217890
Conc: 48.91 ng/ml



#3 AR-1016-1

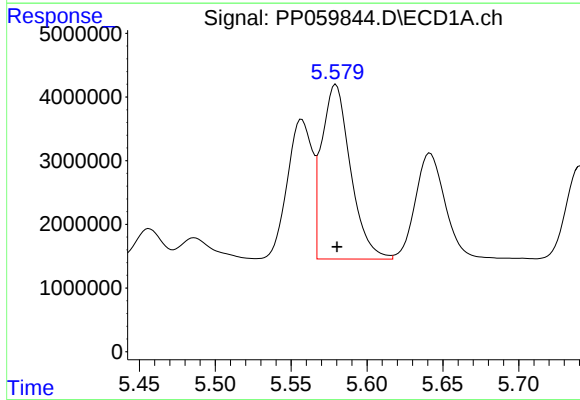
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 25022399
Conc: 499.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



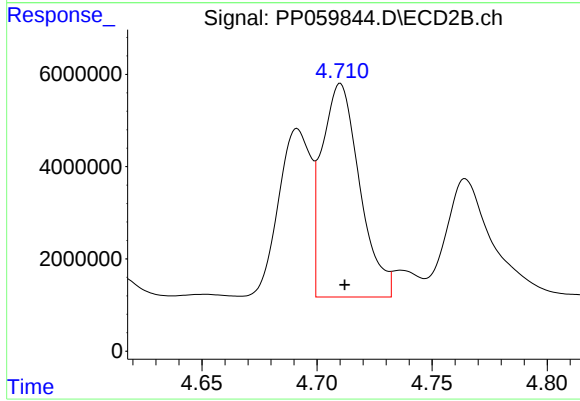
#3 AR-1016-1

R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 35687667
Conc: 496.96 ng/ml



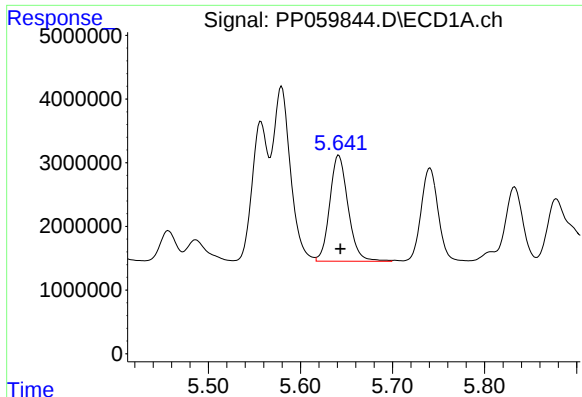
#4 AR-1016-2

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 36300587
Conc: 502.50 ng/ml



#4 AR-1016-2

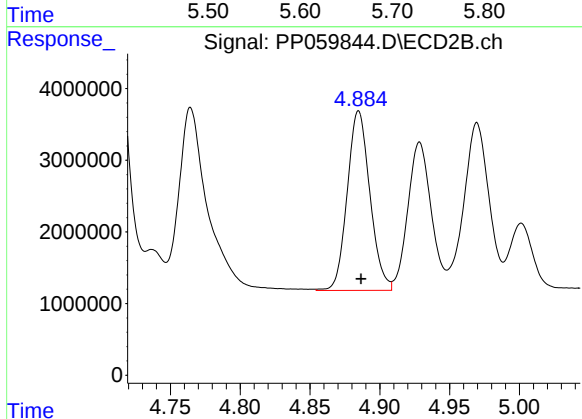
R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 52869457
Conc: 501.17 ng/ml



#5 AR-1016-3

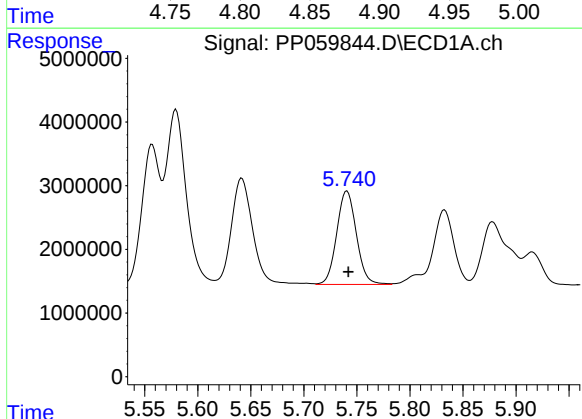
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 23052997
Conc: 505.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



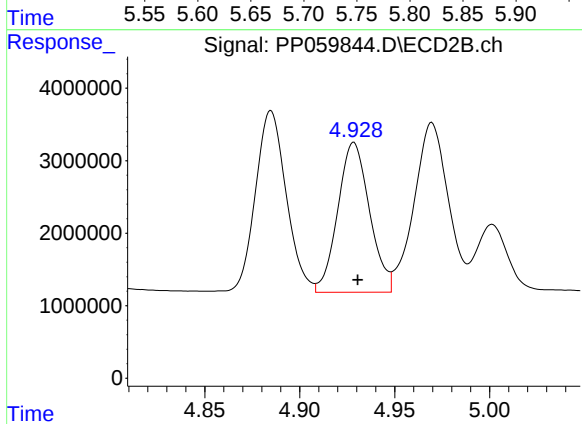
#5 AR-1016-3

R.T.: 4.885 min
Delta R.T.: -0.002 min
Response: 28366824
Conc: 507.53 ng/ml



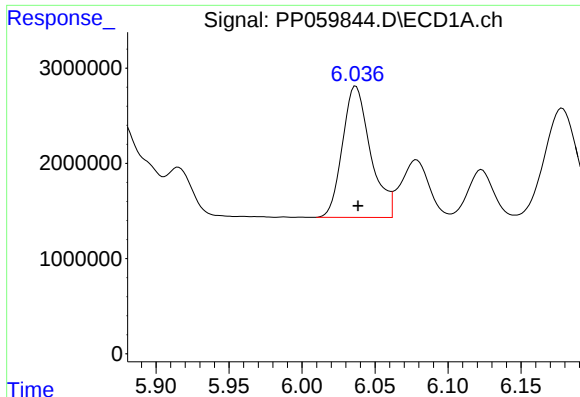
#6 AR-1016-4

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 18900170
Conc: 509.33 ng/ml



#6 AR-1016-4

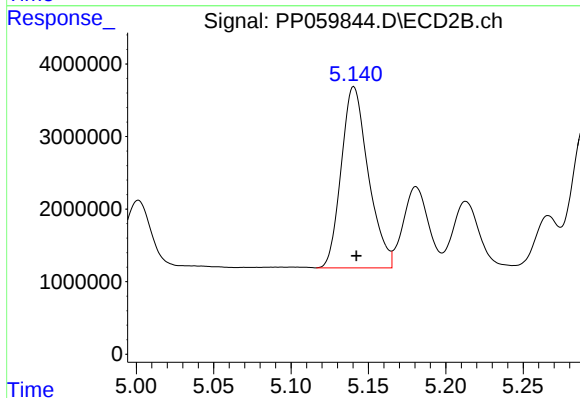
R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 24061328
Conc: 504.70 ng/ml



#7 AR-1016-5

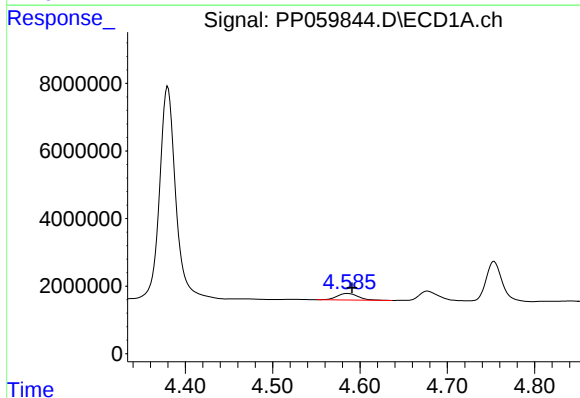
R.T.: 6.037 min
Delta R.T.: -0.001 min
Response: 18410341
Conc: 511.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



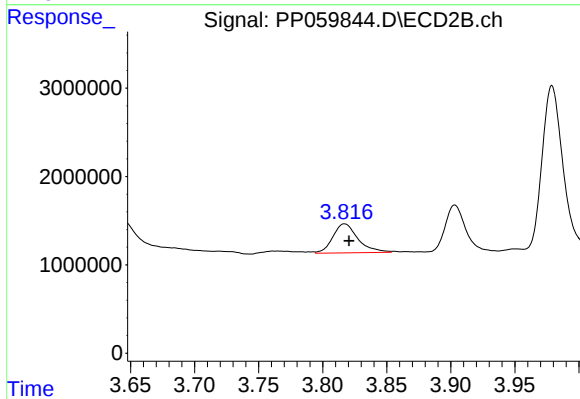
#7 AR-1016-5

R.T.: 5.141 min
Delta R.T.: -0.002 min
Response: 30360283
Conc: 505.83 ng/ml



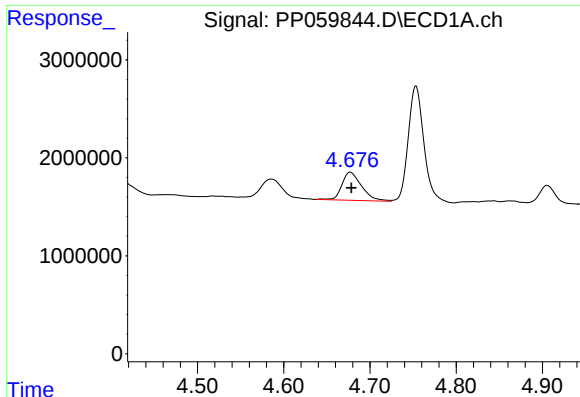
#8 AR-1221-1

R.T.: 4.586 min
Delta R.T.: -0.005 min
Response: 3248646
Conc: 165.92 ng/ml



#8 AR-1221-1

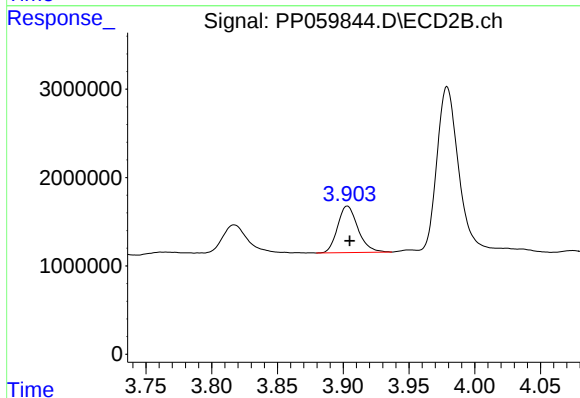
R.T.: 3.817 min
Delta R.T.: -0.003 min
Response: 4497369
Conc: 159.55 ng/ml



#9 AR-1221-2

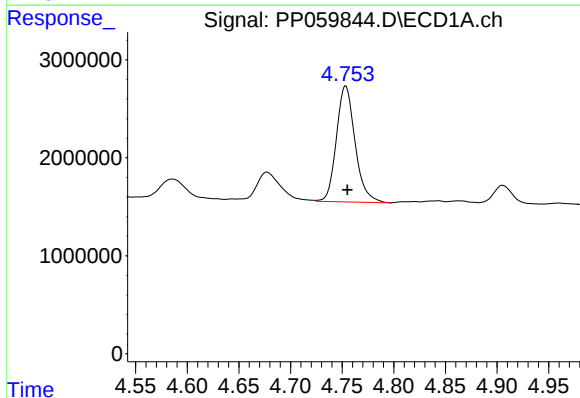
R.T.: 4.677 min
Delta R.T.: -0.001 min
Response: 4545702
Conc: 311.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



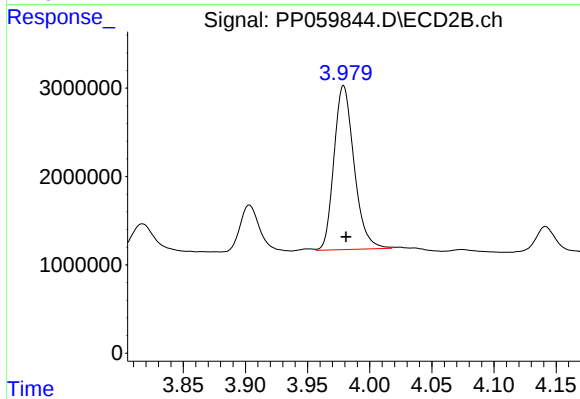
#9 AR-1221-2

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 5679057
Conc: 282.81 ng/ml



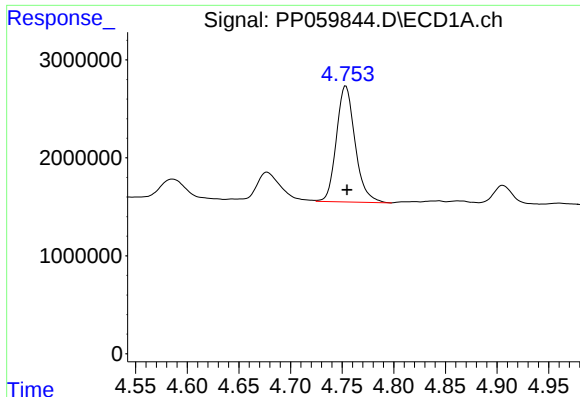
#10 AR-1221-3

R.T.: 4.754 min
Delta R.T.: -0.001 min
Response: 14925943
Conc: 356.72 ng/ml



#10 AR-1221-3

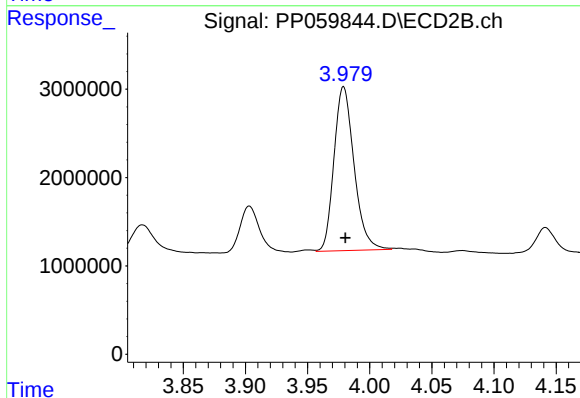
R.T.: 3.979 min
Delta R.T.: -0.002 min
Response: 20896233
Conc: 342.18 ng/ml



#11 AR-1232-1

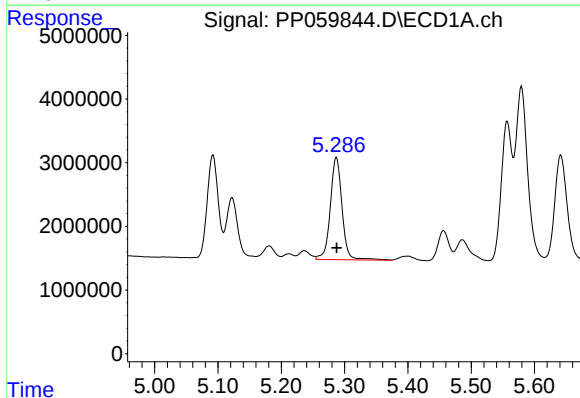
R.T.: 4.754 min
Delta R.T.: -0.001 min
Response: 14925943
Conc: 431.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



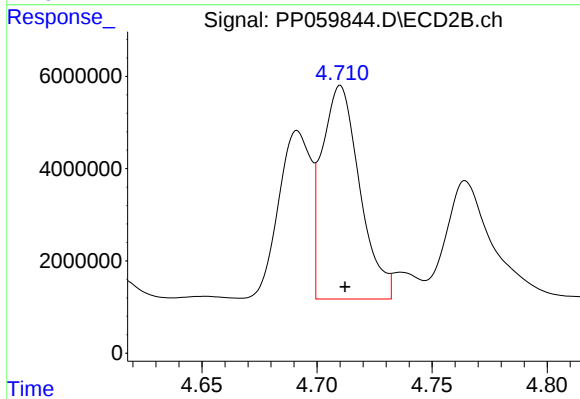
#11 AR-1232-1

R.T.: 3.979 min
Delta R.T.: -0.001 min
Response: 20896233
Conc: 418.78 ng/ml



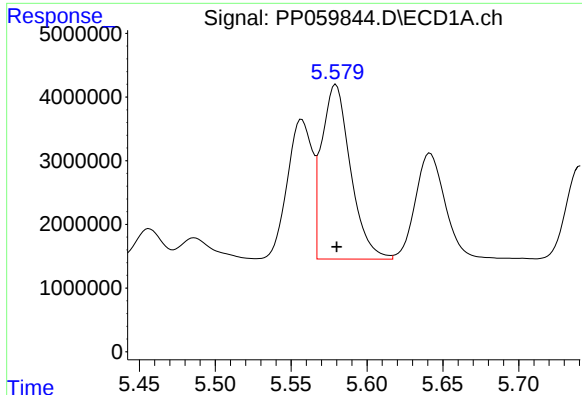
#12 AR-1232-2

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 20698082
Conc: 1096.82 ng/ml



#12 AR-1232-2

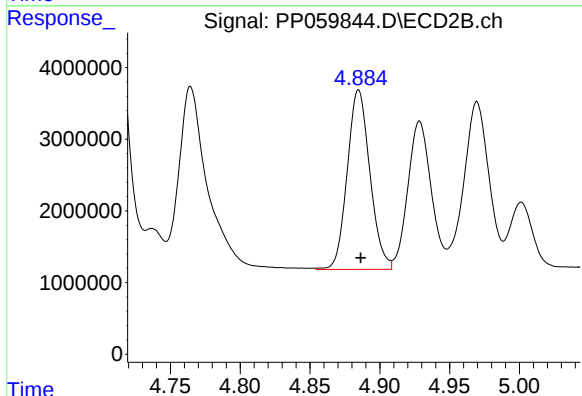
R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 52869457
Conc: 1100.23 ng/ml



#13 AR-1232-3

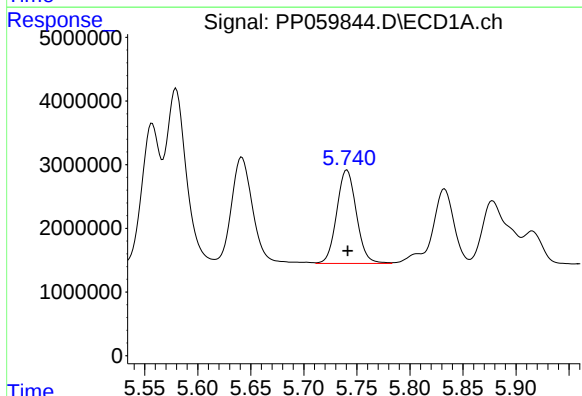
R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 36300587
Conc: 1096.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



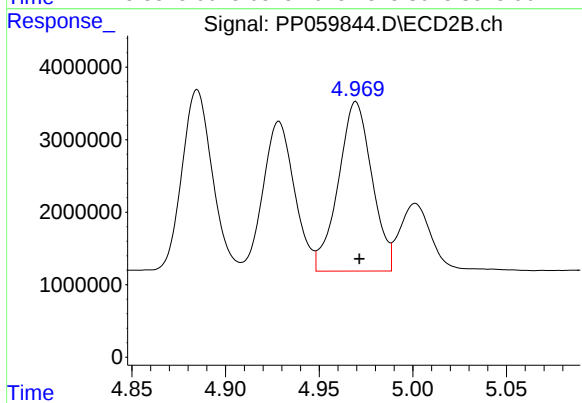
#13 AR-1232-3

R.T.: 4.885 min
Delta R.T.: -0.001 min
Response: 28366824
Conc: 1110.46 ng/ml



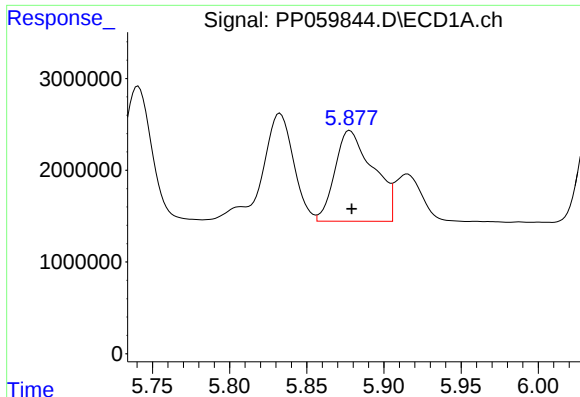
#14 AR-1232-4

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 18900170
Conc: 1131.11 ng/ml



#14 AR-1232-4

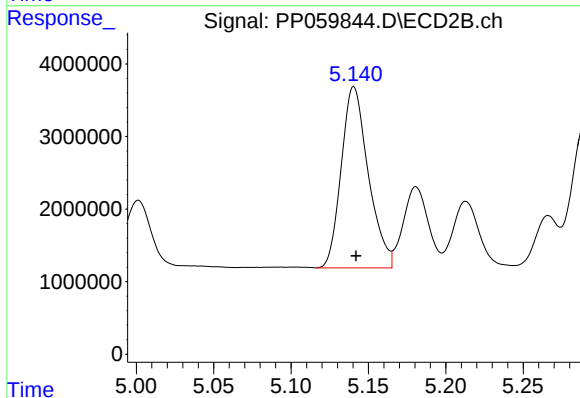
R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 29236196
Conc: 1205.99 ng/ml



#15 AR-1232-5

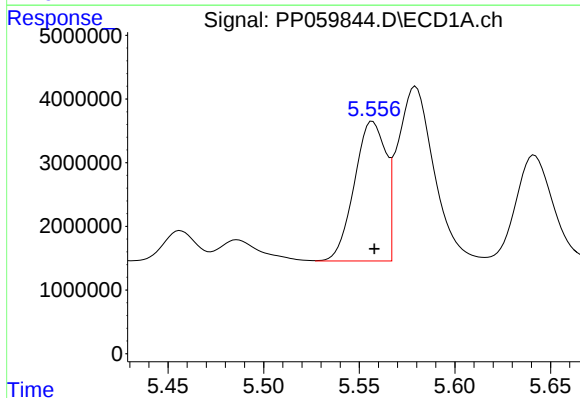
R.T.: 5.878 min
Delta R.T.: -0.001 min
Response: 17068344
Conc: 1240.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



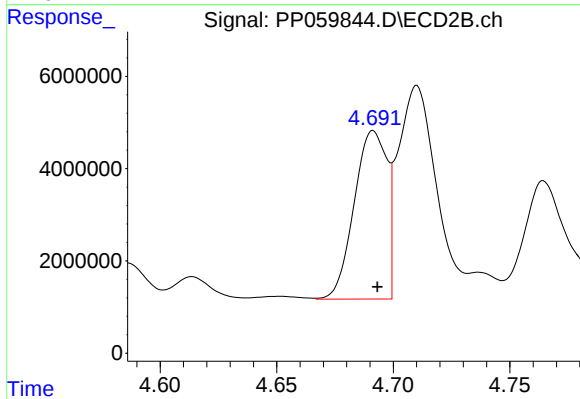
#15 AR-1232-5

R.T.: 5.141 min
Delta R.T.: -0.001 min
Response: 30360283
Conc: 1172.25 ng/ml



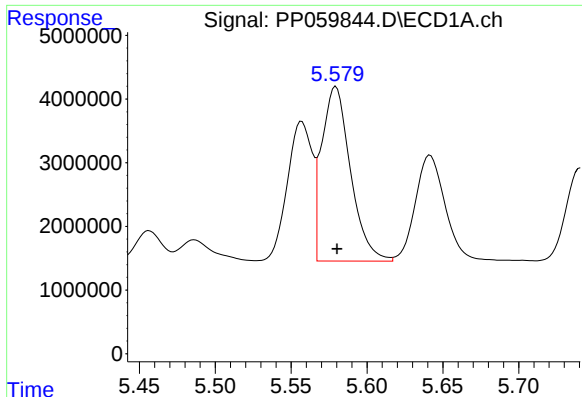
#16 AR-1242-1

R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 25022399
Conc: 564.34 ng/ml



#16 AR-1242-1

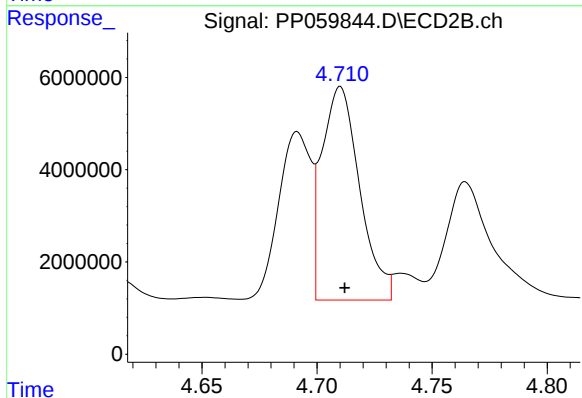
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 35687667
Conc: 570.06 ng/ml



#17 AR-1242-2

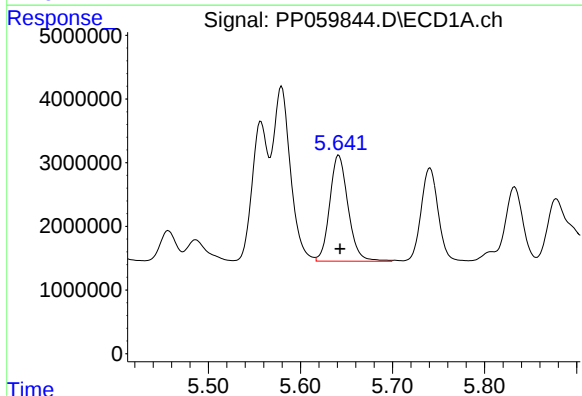
R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 36300587
Conc: 567.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



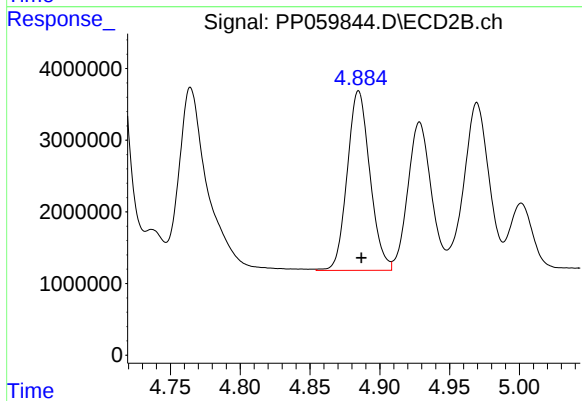
#17 AR-1242-2

R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 52869457
Conc: 575.25 ng/ml



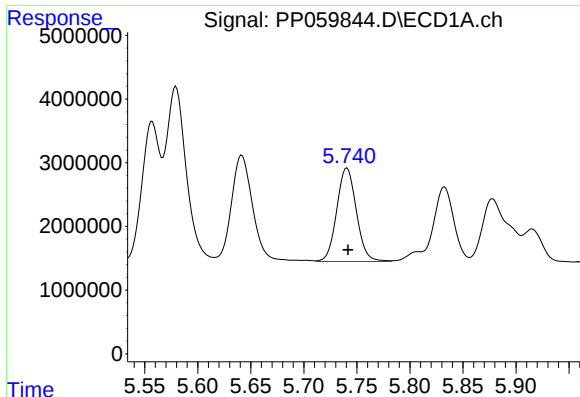
#18 AR-1242-3

R.T.: 5.642 min
Delta R.T.: -0.001 min
Response: 23052997
Conc: 574.72 ng/ml



#18 AR-1242-3

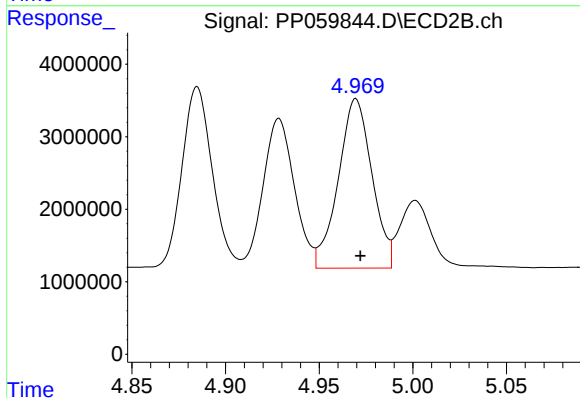
R.T.: 4.885 min
Delta R.T.: -0.002 min
Response: 28366824
Conc: 582.23 ng/ml



#19 AR-1242-4

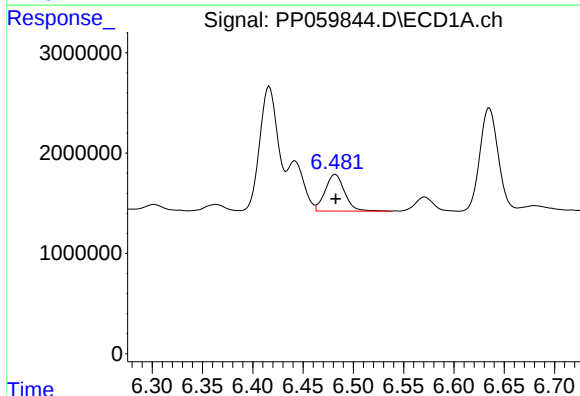
R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 18900170
Conc: 576.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



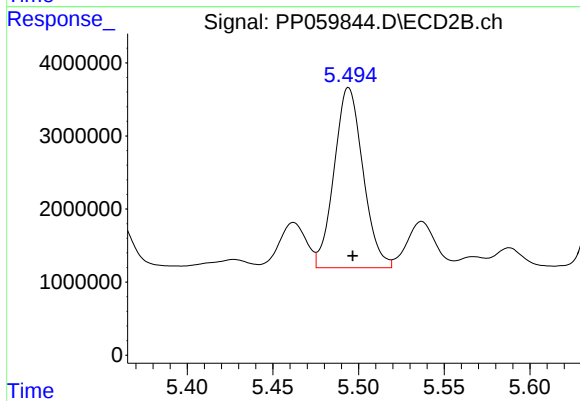
#19 AR-1242-4

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 29236196
Conc: 570.23 ng/ml



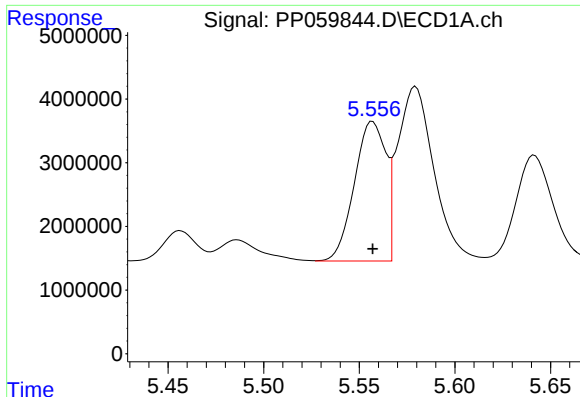
#20 AR-1242-5

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 4929139
Conc: 161.48 ng/ml



#20 AR-1242-5

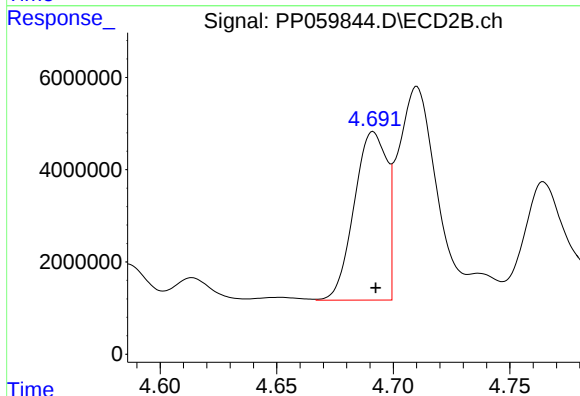
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 28916409
Conc: 487.43 ng/ml



#21 AR-1248-1

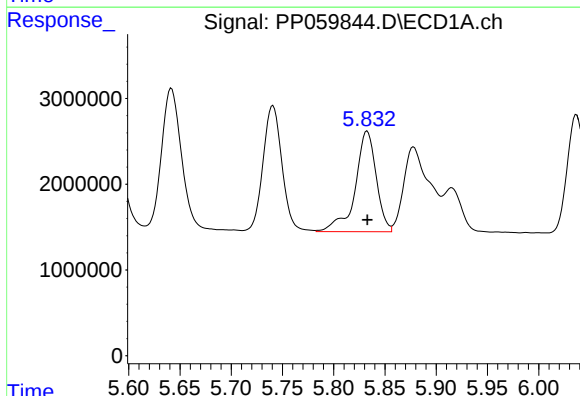
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 25022399
Conc: 785.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



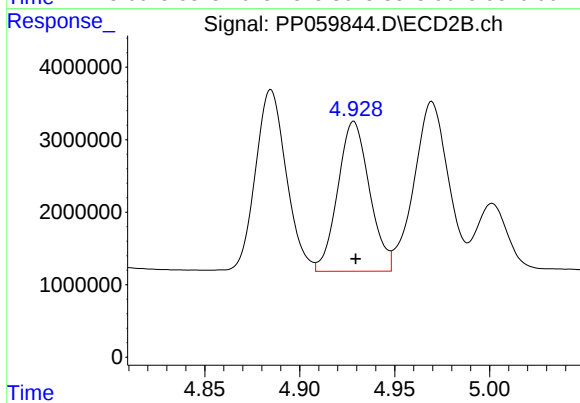
#21 AR-1248-1

R.T.: 4.691 min
Delta R.T.: -0.001 min
Response: 35687667
Conc: 780.83 ng/ml



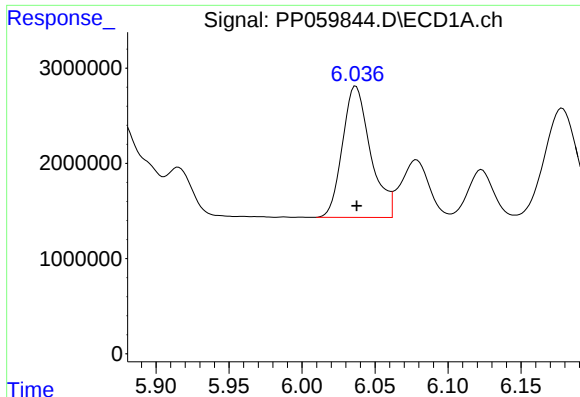
#22 AR-1248-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 16764727
Conc: 367.59 ng/ml



#22 AR-1248-2

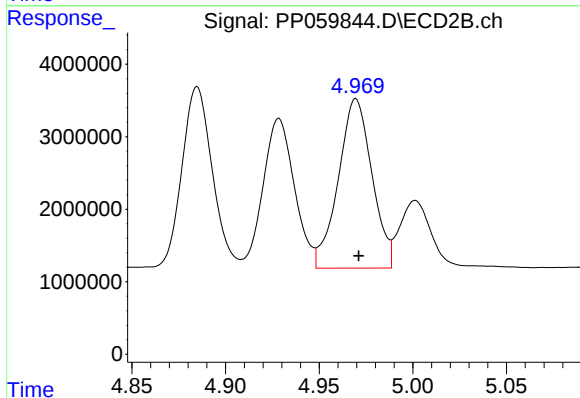
R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 24061328
Conc: 349.16 ng/ml



#23 AR-1248-3

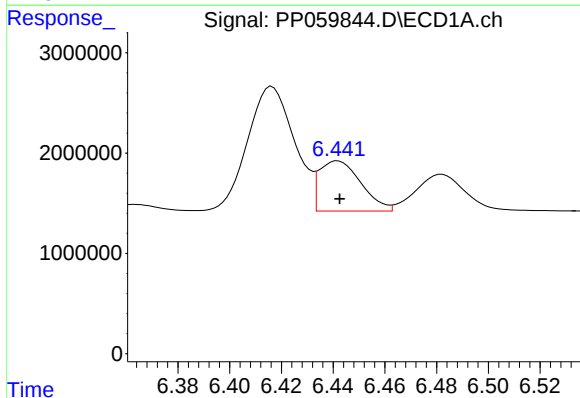
R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 18410341
Conc: 371.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



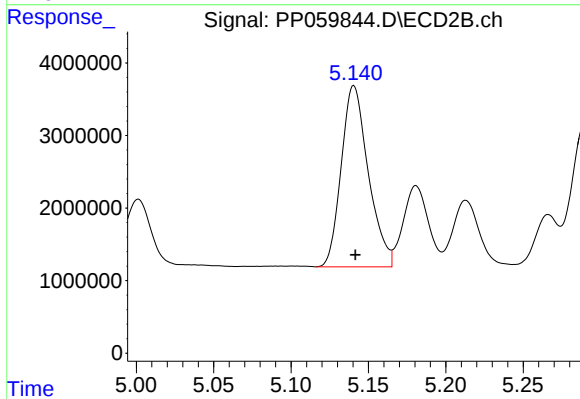
#23 AR-1248-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 29236196
Conc: 406.23 ng/ml



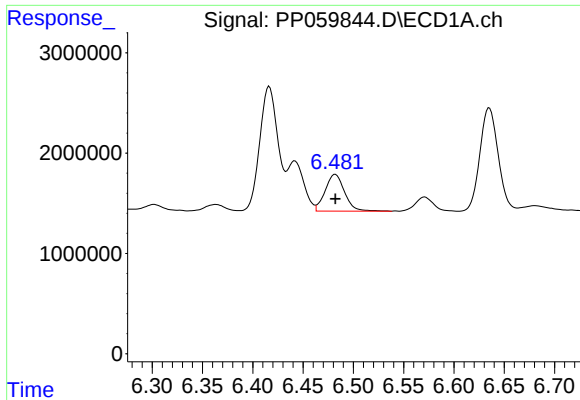
#24 AR-1248-4

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 5613589
Conc: 114.11 ng/ml



#24 AR-1248-4

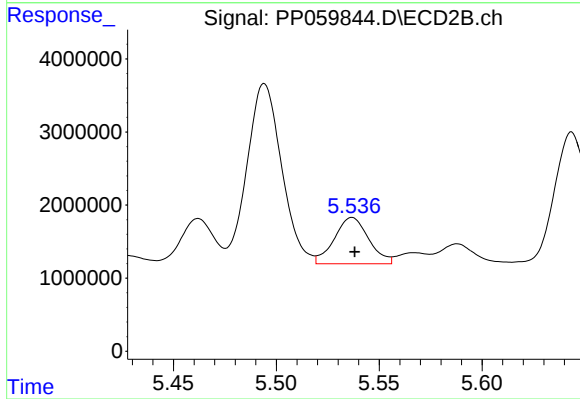
R.T.: 5.141 min
Delta R.T.: -0.001 min
Response: 30360283
Conc: 367.94 ng/ml



#25 AR-1248-5

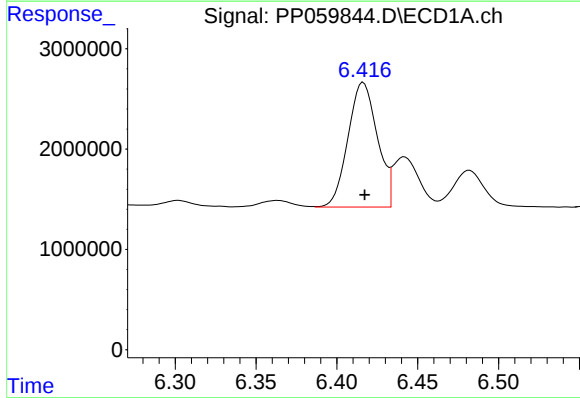
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 4929139
Conc: 101.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



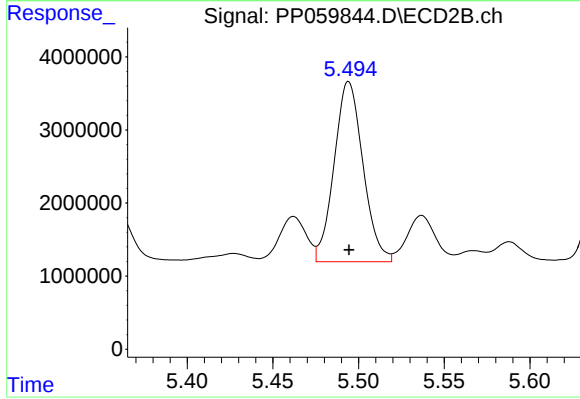
#25 AR-1248-5

R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 7363450
Conc: 97.30 ng/ml



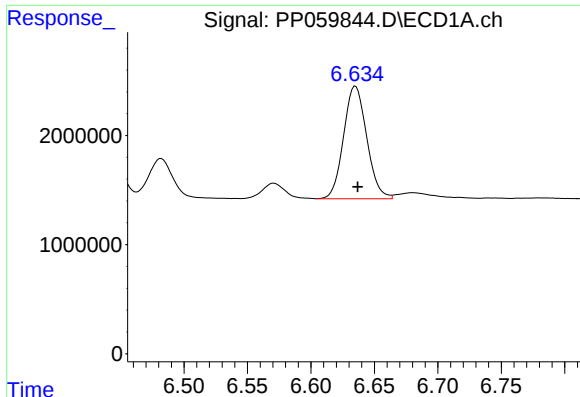
#26 AR-1254-1

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 15679192
Conc: 297.14 ng/ml



#26 AR-1254-1

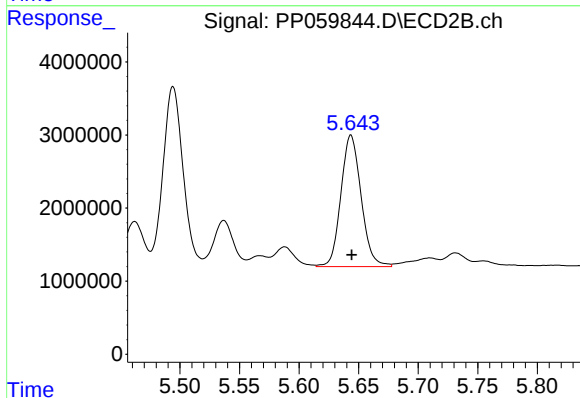
R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 28916409
Conc: 244.52 ng/ml



#27 AR-1254-2

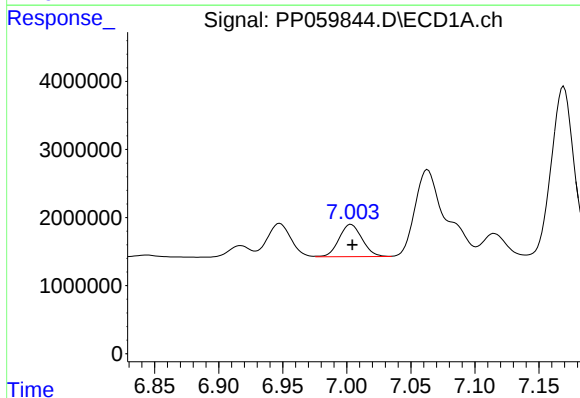
R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 13117981
Conc: 171.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



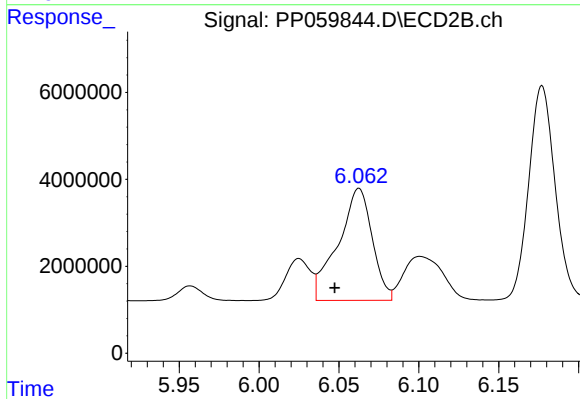
#27 AR-1254-2

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 21282531
Conc: 203.83 ng/ml



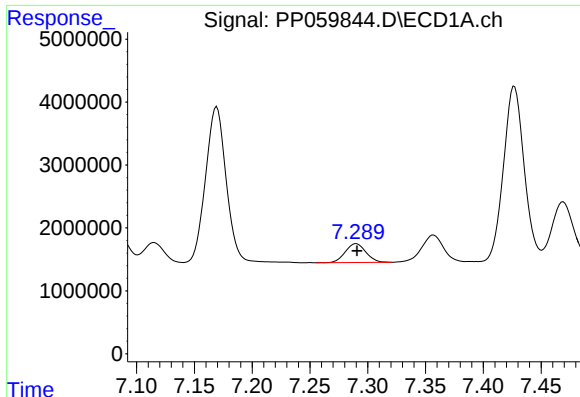
#28 AR-1254-3

R.T.: 7.003 min
Delta R.T.: -0.001 min
Response: 5898565
Conc: 76.38 ng/ml



#28 AR-1254-3

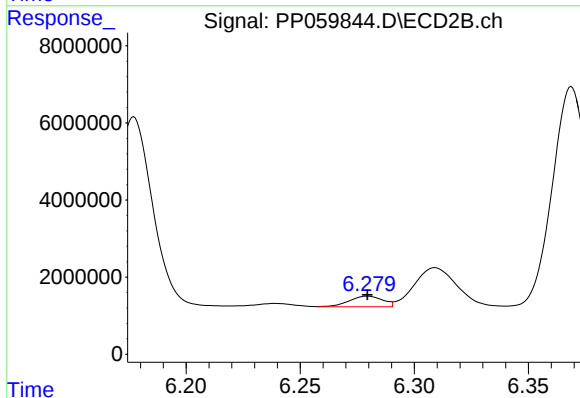
R.T.: 6.063 min
Delta R.T.: 0.015 min
Response: 38360492
Conc: 242.01 ng/ml



#29 AR-1254-4

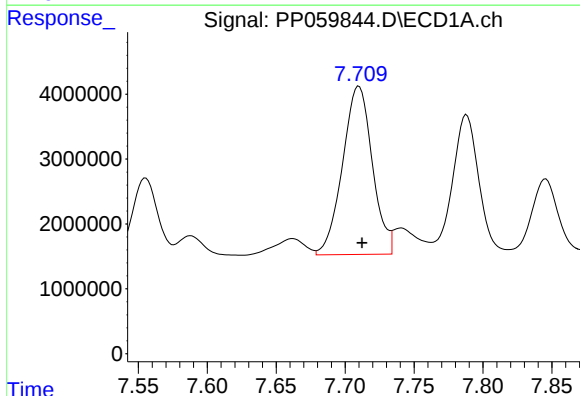
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 3739416
Conc: 71.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



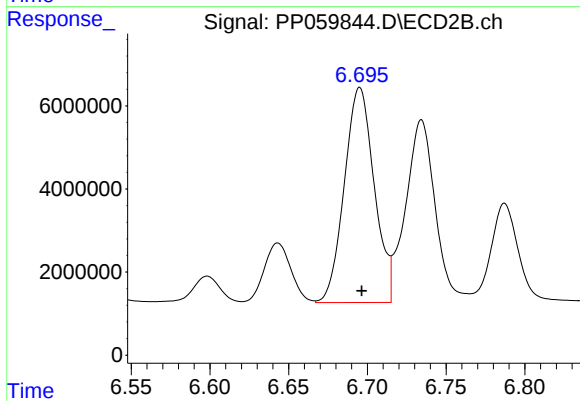
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 2810367
Conc: 30.45 ng/ml



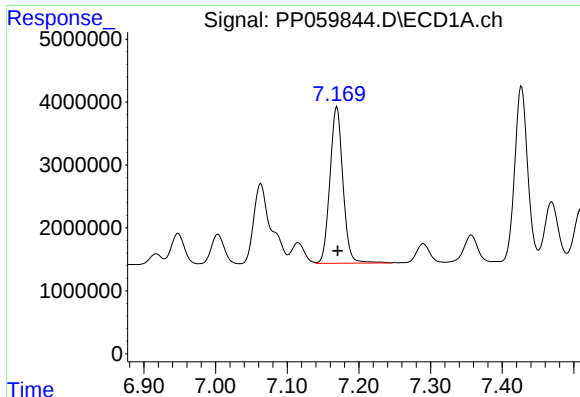
#30 AR-1254-5

R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 39022197
Conc: 659.49 ng/ml



#30 AR-1254-5

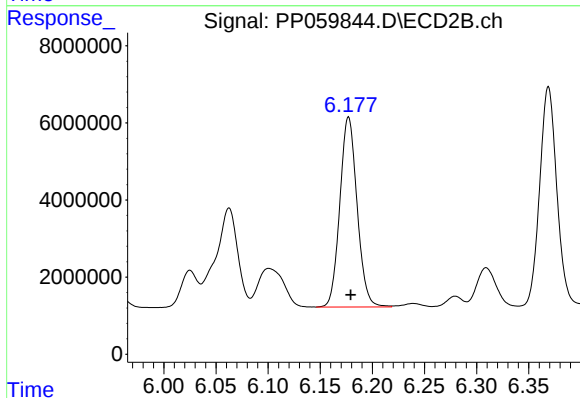
R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 68427491
Conc: 487.72 ng/ml



#31 AR-1260-1

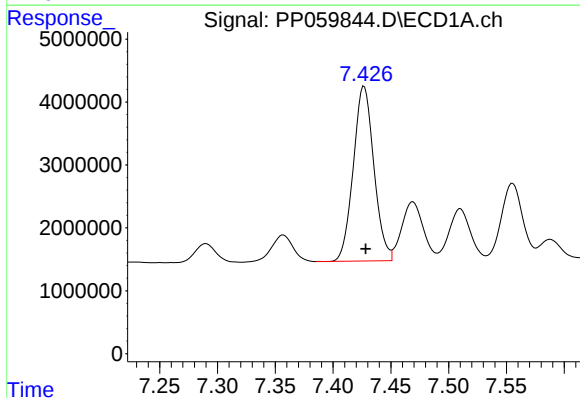
R.T.: 7.169 min
Delta R.T.: -0.001 min
Response: 31332396
Conc: 500.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



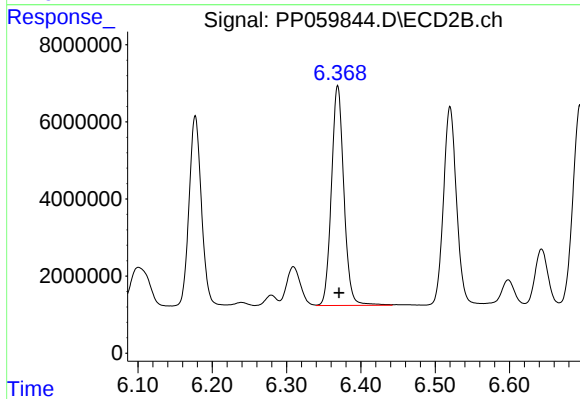
#31 AR-1260-1

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 56869468
Conc: 484.19 ng/ml



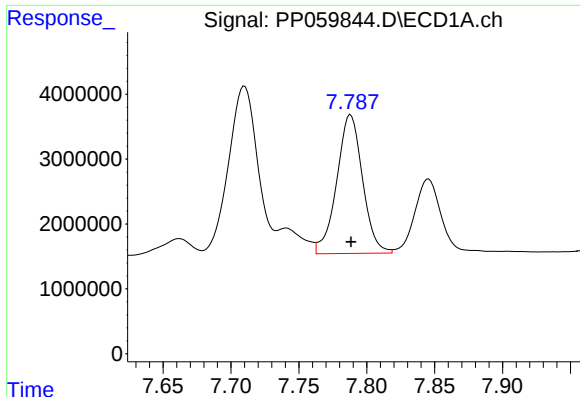
#32 AR-1260-2

R.T.: 7.427 min
Delta R.T.: -0.001 min
Response: 34469173
Conc: 493.33 ng/ml



#32 AR-1260-2

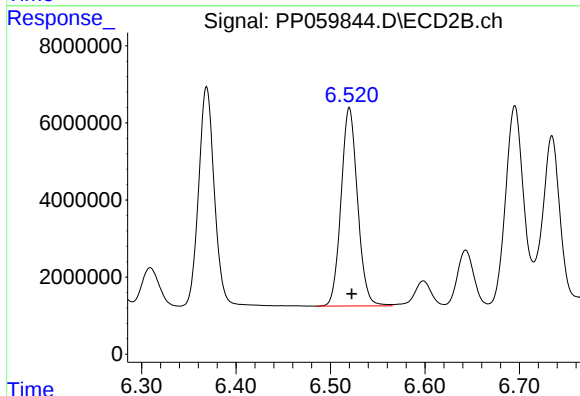
R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 66289306
Conc: 479.75 ng/ml



#33 AR-1260-3

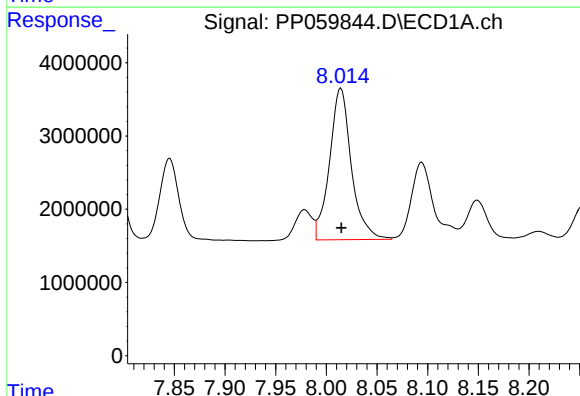
R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 28329419
Conc: 501.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



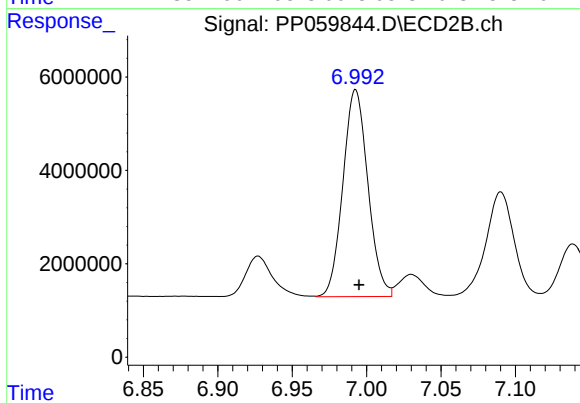
#33 AR-1260-3

R.T.: 6.520 min
Delta R.T.: -0.002 min
Response: 62461914
Conc: 485.80 ng/ml



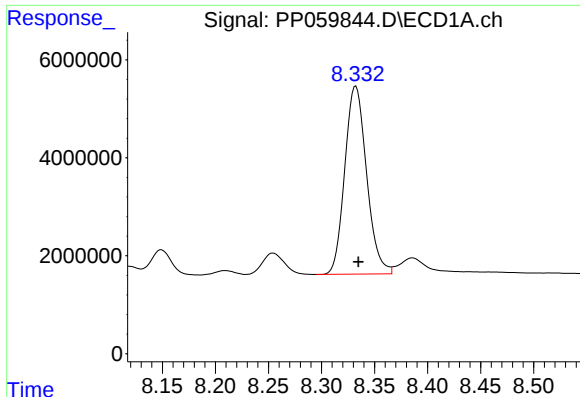
#34 AR-1260-4

R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 31085768
Conc: 491.79 ng/ml



#34 AR-1260-4

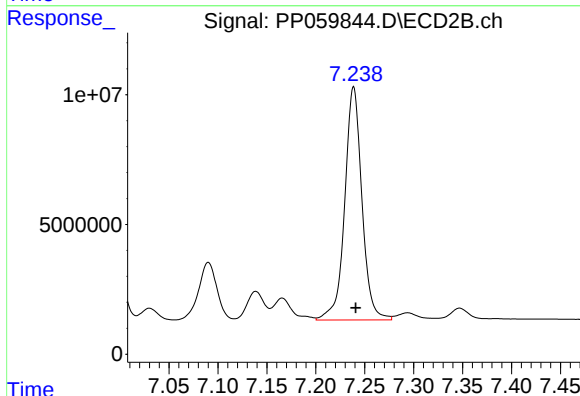
R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 51795745
Conc: 488.00 ng/ml



#35 AR-1260-5

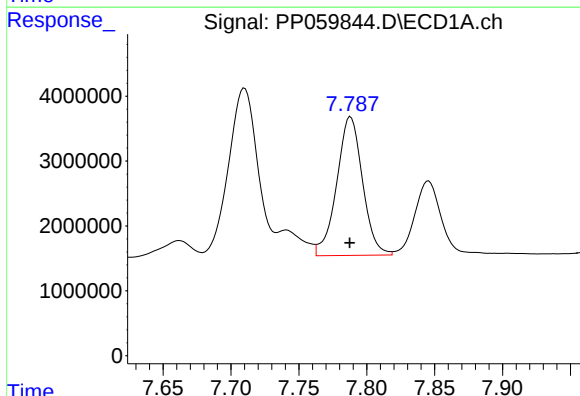
R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 54861311
Conc: 497.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



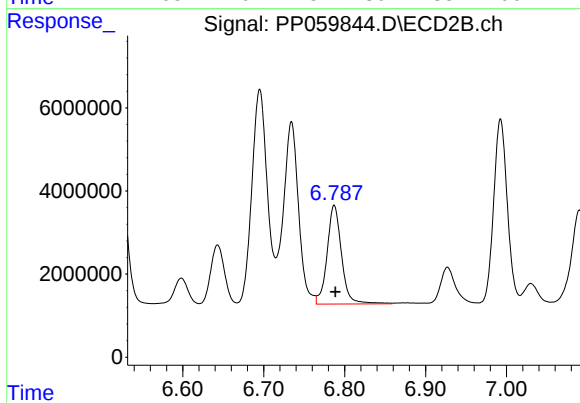
#35 AR-1260-5

R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 110061215
Conc: 485.80 ng/ml



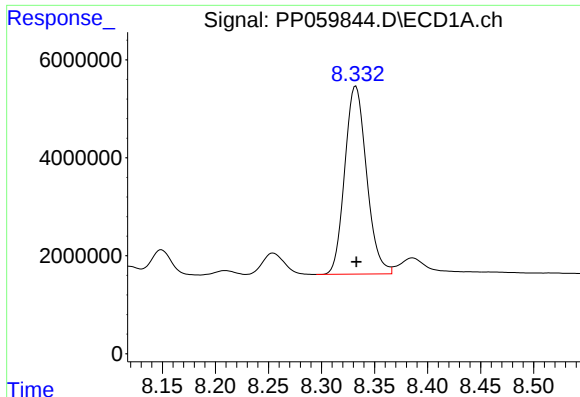
#36 AR-1262-1

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 28329419
Conc: 373.26 ng/ml



#36 AR-1262-1

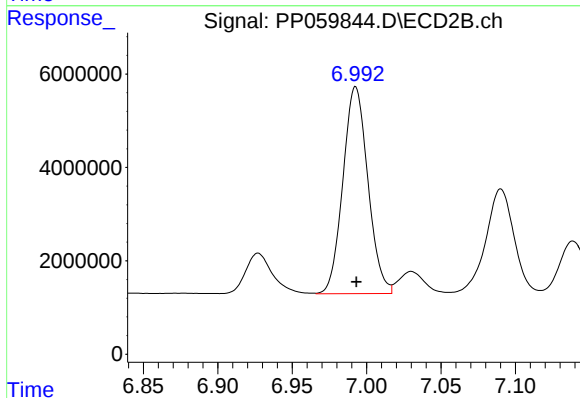
R.T.: 6.787 min
Delta R.T.: -0.001 min
Response: 29517010
Conc: 476.90 ng/ml



#37 AR-1262-2

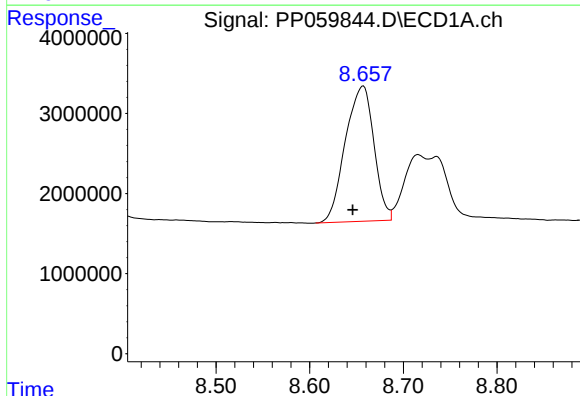
R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 54861311
Conc: 462.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



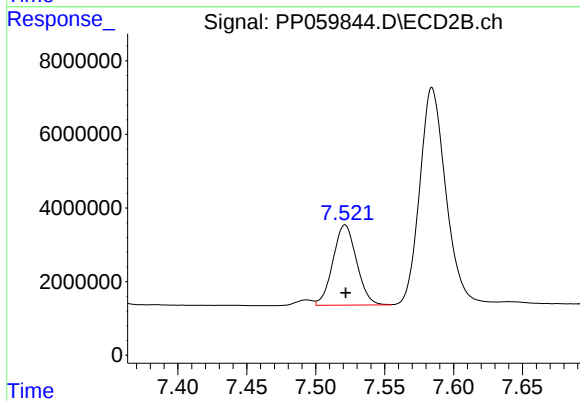
#37 AR-1262-2

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 51795745
Conc: 405.98 ng/ml



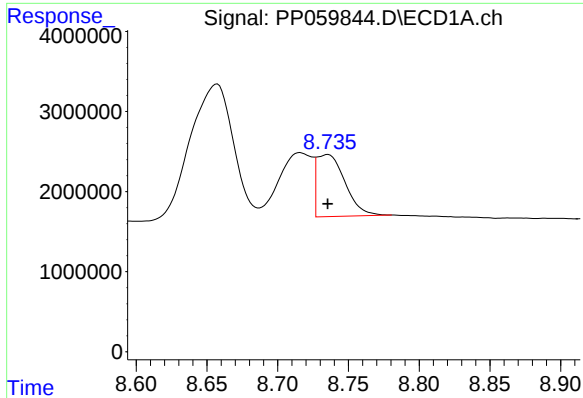
#38 AR-1262-3

R.T.: 8.657 min
Delta R.T.: 0.011 min
Response: 35805564
Conc: 416.78 ng/ml



#38 AR-1262-3

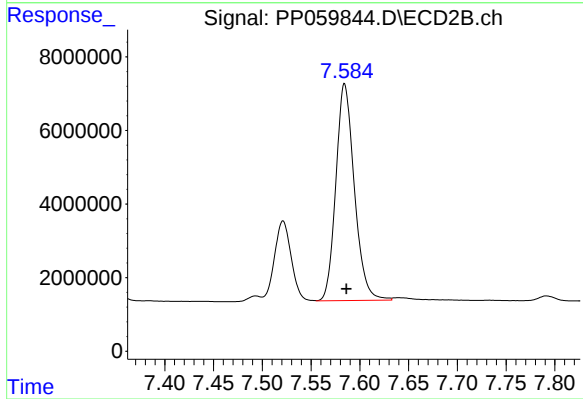
R.T.: 7.521 min
Delta R.T.: 0.000 min
Response: 26022769
Conc: 265.59 ng/ml



#39 AR-1262-4

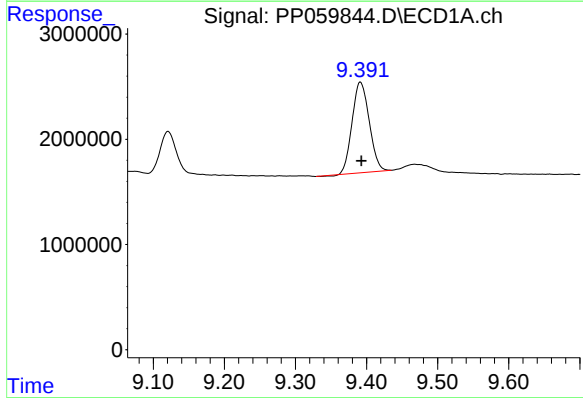
R.T.: 8.736 min
Delta R.T.: 0.000 min
Response: 10771699
Conc: 158.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



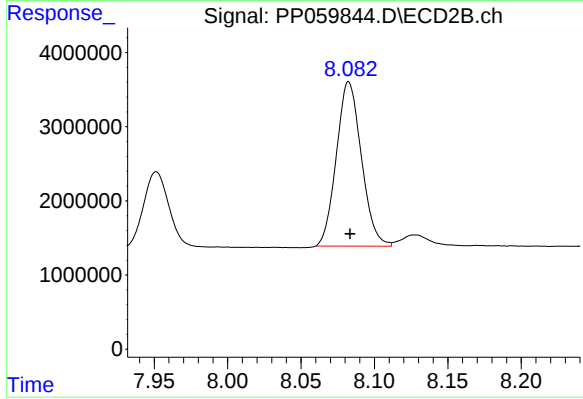
#39 AR-1262-4

R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 77782594
Conc: 452.29 ng/ml



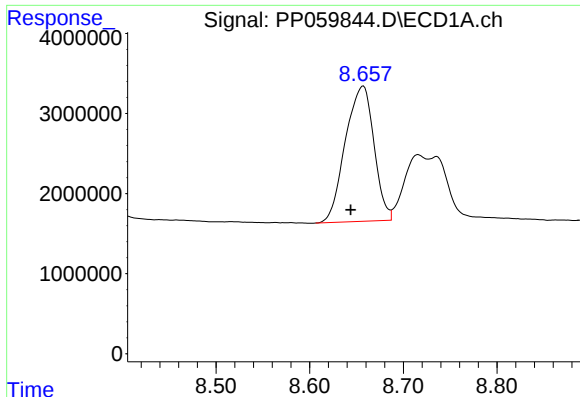
#40 AR-1262-5

R.T.: 9.391 min
Delta R.T.: -0.001 min
Response: 14385560
Conc: 325.79 ng/ml



#40 AR-1262-5

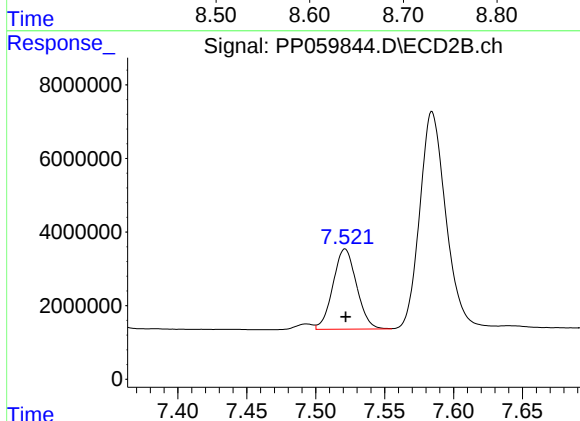
R.T.: 8.083 min
Delta R.T.: 0.000 min
Response: 26318704
Conc: 350.47 ng/ml



#41 AR-1268-1

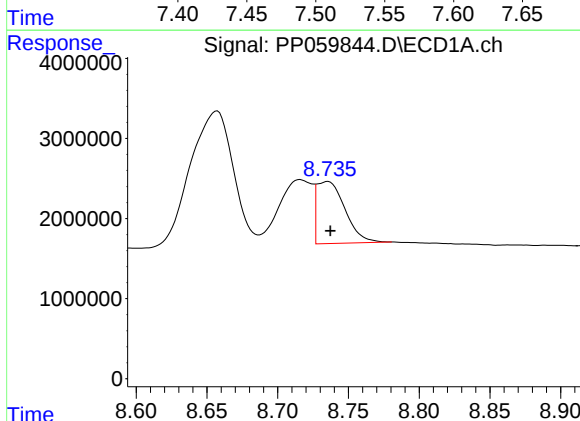
R.T.: 8.657 min
Delta R.T.: 0.013 min
Response: 35805564
Conc: 226.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



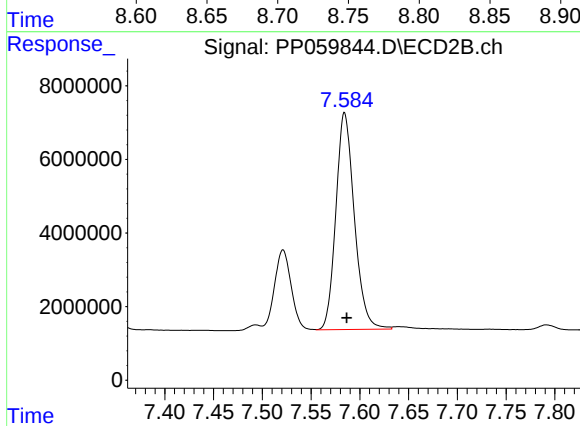
#41 AR-1268-1

R.T.: 7.521 min
Delta R.T.: 0.000 min
Response: 26022769
Conc: 90.31 ng/ml



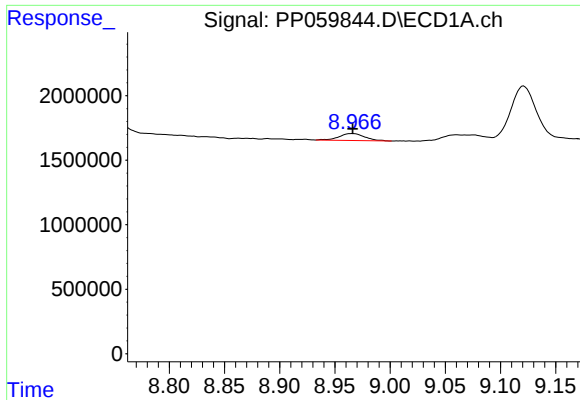
#42 AR-1268-2

R.T.: 8.736 min
Delta R.T.: -0.002 min
Response: 10771699
Conc: 77.13 ng/ml



#42 AR-1268-2

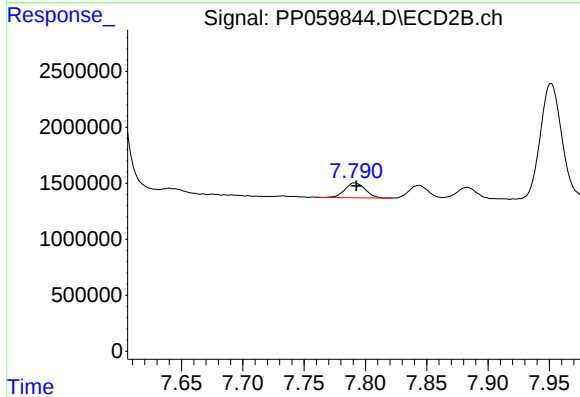
R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 77782594
Conc: 299.30 ng/ml



#43 AR-1268-3

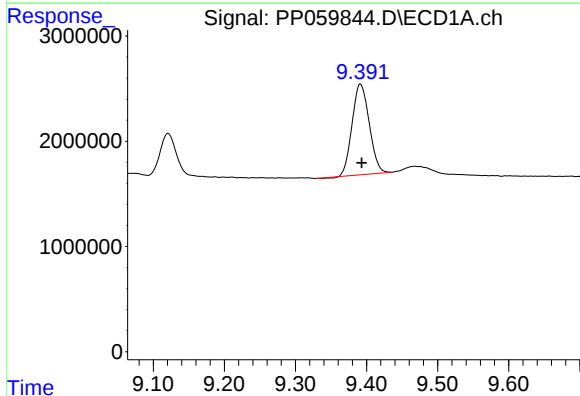
R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 871406
Conc: 6.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



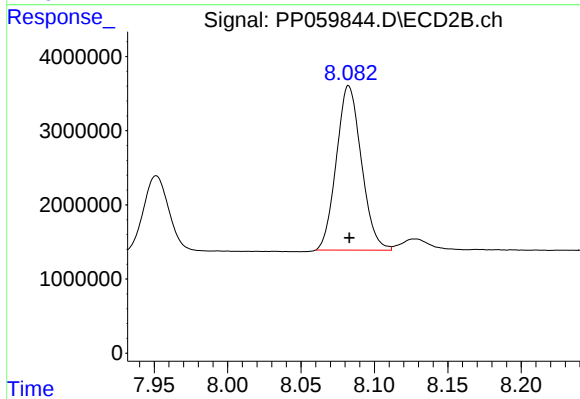
#43 AR-1268-3

R.T.: 7.791 min
Delta R.T.: -0.001 min
Response: 1517620
Conc: 6.74 ng/ml



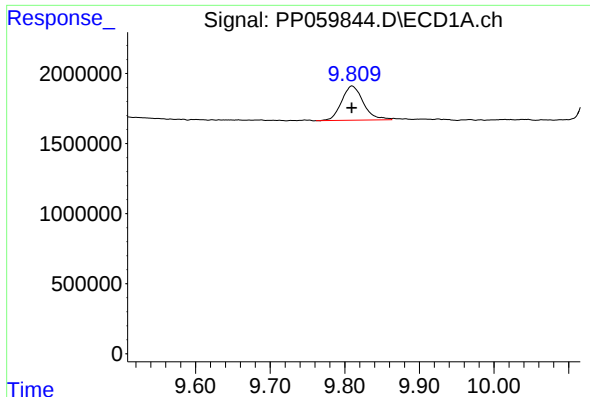
#44 AR-1268-4

R.T.: 9.391 min
Delta R.T.: -0.002 min
Response: 14385560
Conc: 310.89 ng/ml



#44 AR-1268-4

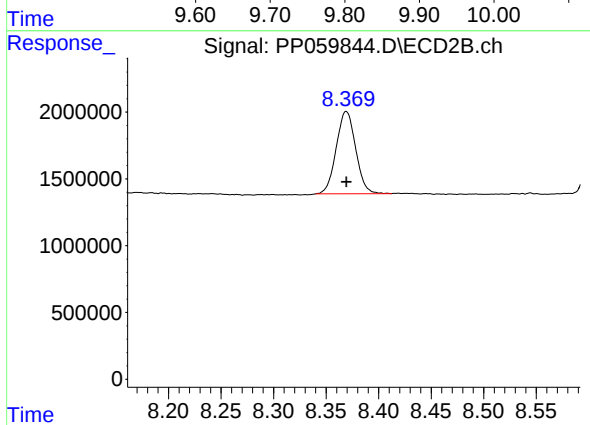
R.T.: 8.083 min
Delta R.T.: 0.000 min
Response: 26318704
Conc: 308.82 ng/ml



#45 AR-1268-5

R.T.: 9.810 min
Delta R.T.: 0.000 min
Response: 4900142
Conc: 12.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 7954559
Conc: 13.04 ng/ml