

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059793.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Aug 2019 9:13
 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 09:26:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.127	3.496	1809636	1771384	51.685	49.211
2)	SA Decachlor...	9.597	8.357	2882099	2317872	54.175	57.485
Target Compounds							
3)	L1 AR-1016-1	5.277	4.546	779297	620760	485.884	459.162
4)	L1 AR-1016-2	5.298	4.563	1153203	933658	482.009	466.128
5)	L1 AR-1016-3	5.358	4.736	710191	500799	476.790	462.906
6)	L1 AR-1016-4	0.000	4.776	0	409713	N.D.	453.728 #
7)	L1 AR-1016-5	5.782	4.984	-201894	424767	N.D.	368.744 #
8)	L2 AR-1221-1	4.336	3.700	69089	55778	163.150	138.963
9)	L2 AR-1221-2	4.424	3.786	97615	77761	300.544	255.269
10)	L2 AR-1221-3	4.499	3.858	355240	313747	337.724	320.658
11)	L3 AR-1232-1	4.499	3.858	355240	313747	285.005	275.186
12)	L3 AR-1232-2	5.056	4.592	2609	80169	3.694	62.948 #
13)	L3 AR-1232-3	5.298	4.736	1153203	500799	753.055	735.484
14)	L3 AR-1232-4	5.543	4.846	273566	167012	349.883	273.765
15)	L3 AR-1232-5	5.586	5.023	526633	144465	876.072	212.219 #
16)	L4 AR-1242-1	5.298	4.563	1153203	933658	908.379	907.645
17)	L4 AR-1242-2	5.298	4.592	1153203	80169	621.454	52.636 #
18)	L4 AR-1242-3	5.358	4.736	710191	500799	607.603	599.399
19)	L4 AR-1242-4	5.543	4.846	273566	167012	282.646	200.162 #
20)	L4 AR-1242-5	6.180	5.367	115819	64532	92.169	57.690 #
21)	L5 AR-1248-1	5.277	4.546	779297	620760	777.313	749.688
22)	L5 AR-1248-2	5.543	4.776	273566	409713	188.549	355.306 #
23)	L5 AR-1248-3	5.782	4.816	-201894	490470	N.D.	412.941 #
24)	L5 AR-1248-4	6.143	4.984	140266	424767	68.620	292.321 #
25)	L5 AR-1248-5	6.180	5.367	115819	64532	58.404	45.087
26)	L6 AR-1254-1	6.113	5.327	491415	412330	235.531	173.847 #
27)	L6 AR-1254-2	6.328	5.472	539477	373370	161.702	177.939
28)	L6 AR-1254-3	6.694	5.878	325770	775012	91.806	230.486 #
29)	L6 AR-1254-4	6.976	6.094	258236	106135	87.670	51.476 #
30)	L6 AR-1254-5	7.392	6.502	2147251	1443563	694.365	464.920 #
31)	L7 AR-1260-1	6.852	5.992	1338219	1055973	496.405	463.368
32)	L7 AR-1260-2	7.108	6.181	1804763	1399194	486.396	477.561
33)	L7 AR-1260-3	7.462	6.329	1666820	1253228	508.746	473.070
34)	L7 AR-1260-4	7.688	6.791	1725241	1112557	561.726	491.721
35)	L7 AR-1260-5	7.996	7.034	3812800	2902709	538.462	527.447
36)	L8 AR-1262-1	7.462	6.536	1666820	1335496	343.469	358.277
37)	L8 AR-1262-2	8.038	7.034	392803	2902709	50.908	493.738 #
38)	L8 AR-1262-3	8.297	7.308	1426100	732729	279.501	288.366
39)	L8 AR-1262-4	8.343	7.374	1824038	2112614	473.195	478.081
40)	L8 AR-1262-5	8.950	7.912	1285378	-251105	500.817	N.D. #
41)	L9 AR-1268-1	8.297	7.308	1426100	732729	151.541	102.898 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

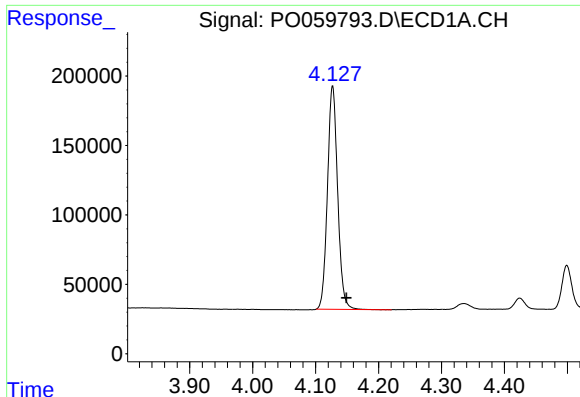
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 09:26:09 2019
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 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	8.343	7.374	1824038	2112614	231.398	327.638 #
43) L9	AR-1268-3	8.557	7.569	165593	51111	23.492	9.341 #
44) L9	AR-1268-4	8.950	7.912	1285378	-251105	462.359	N.D. #
45) L9	AR-1268-5	9.369	8.132	18535	112913	1.005	7.771 #

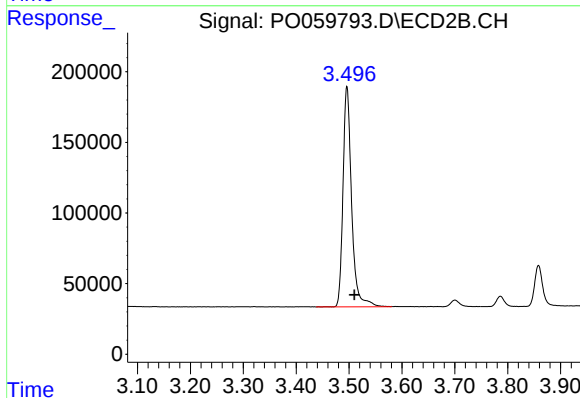
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

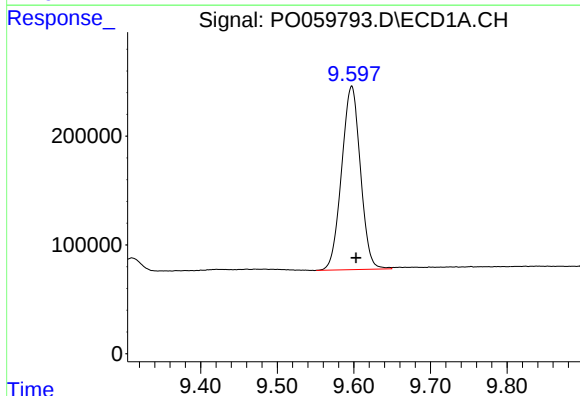
R.T.: 4.127 min
Delta R.T.: -0.022 min
Response: 1809636
Conc: 51.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



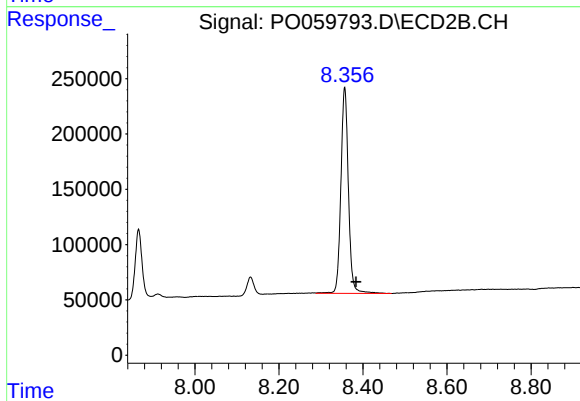
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.014 min
Response: 1771384
Conc: 49.21 ng/ml



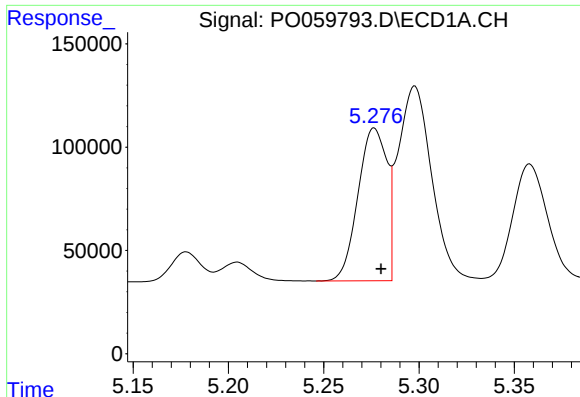
#2 Decachlorobiphenyl

R.T.: 9.597 min
Delta R.T.: -0.006 min
Response: 2882099
Conc: 54.17 ng/ml



#2 Decachlorobiphenyl

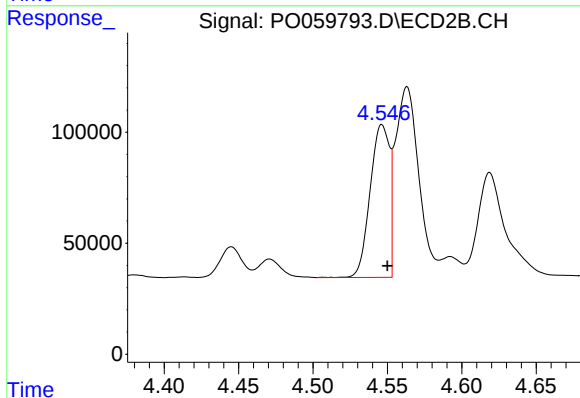
R.T.: 8.357 min
Delta R.T.: -0.027 min
Response: 2317872
Conc: 57.49 ng/ml



#3 AR-1016-1

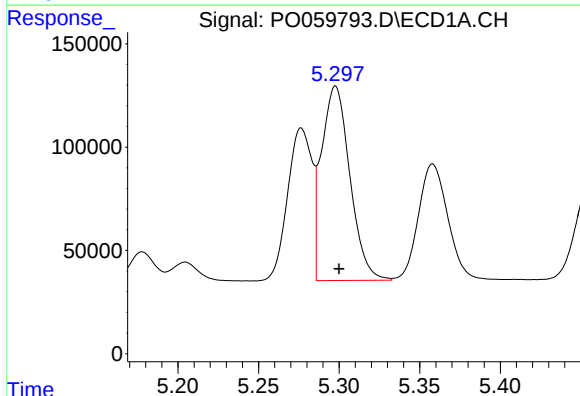
R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 779297
Conc: 485.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



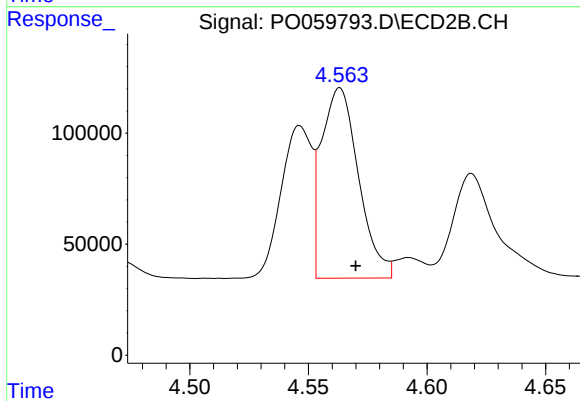
#3 AR-1016-1

R.T.: 4.546 min
Delta R.T.: -0.004 min
Response: 620760
Conc: 459.16 ng/ml



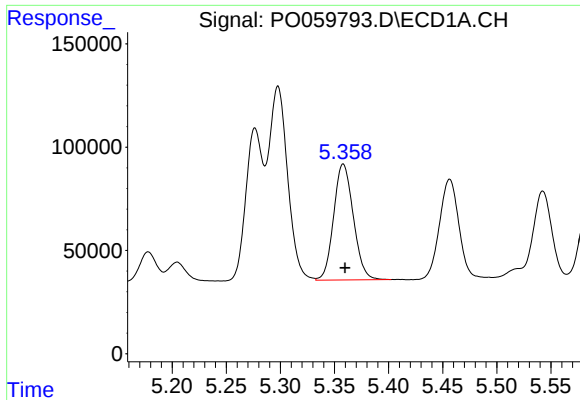
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: -0.002 min
Response: 1153203
Conc: 482.01 ng/ml



#4 AR-1016-2

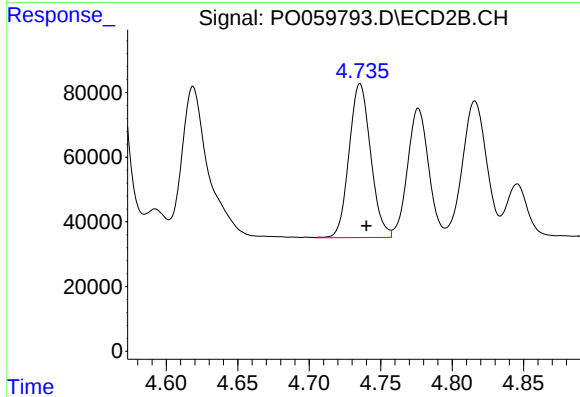
R.T.: 4.563 min
Delta R.T.: -0.007 min
Response: 933658
Conc: 466.13 ng/ml



#5 AR-1016-3

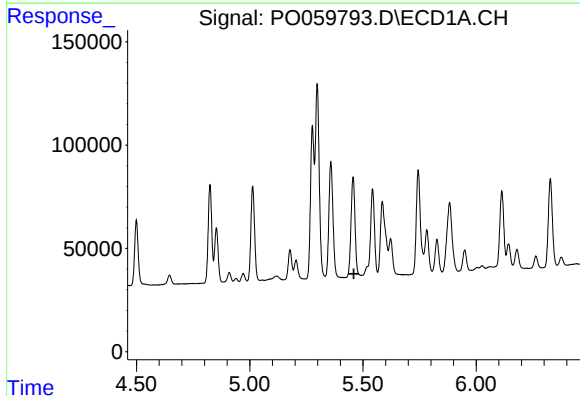
R.T.: 5.358 min
Delta R.T.: -0.002 min
Response: 710191
Conc: 476.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



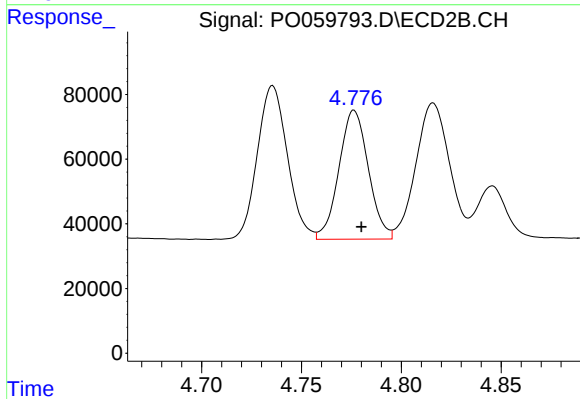
#5 AR-1016-3

R.T.: 4.736 min
Delta R.T.: -0.004 min
Response: 500799
Conc: 462.91 ng/ml



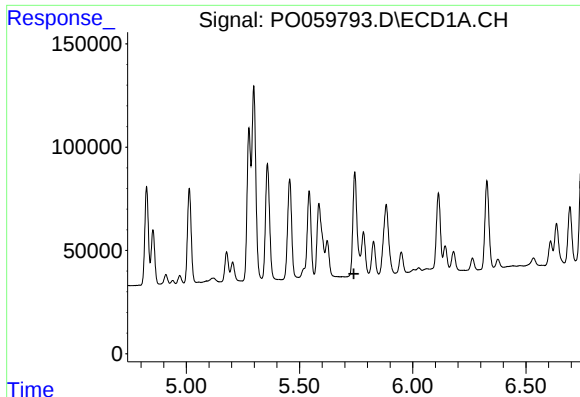
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



#6 AR-1016-4

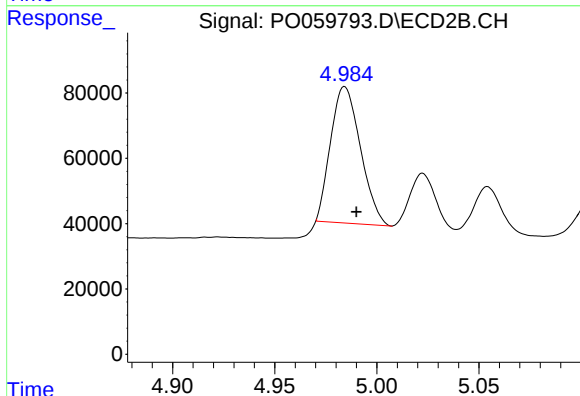
R.T.: 4.776 min
Delta R.T.: -0.004 min
Response: 409713
Conc: 453.73 ng/ml



#7 AR-1016-5

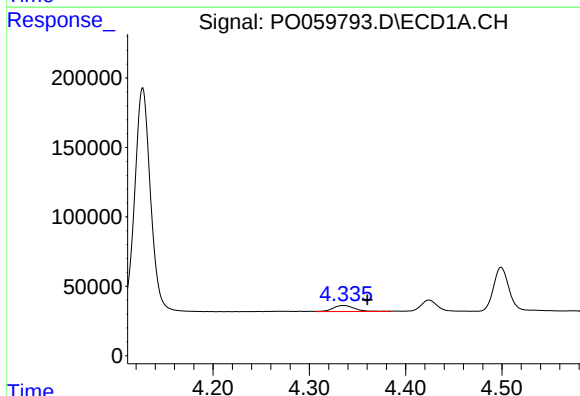
R.T.: 5.782 min
Delta R.T.: 0.042 min
Response: -201894
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



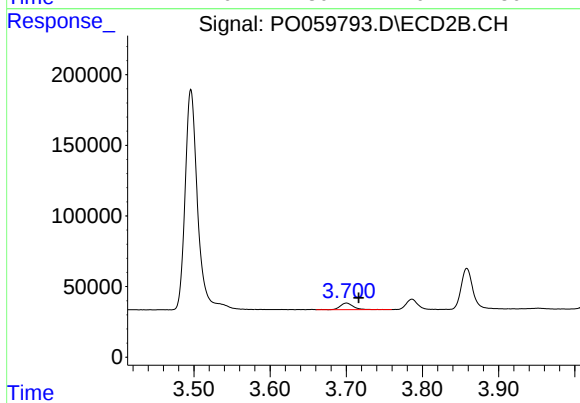
#7 AR-1016-5

R.T.: 4.984 min
Delta R.T.: -0.006 min
Response: 424767
Conc: 368.74 ng/ml



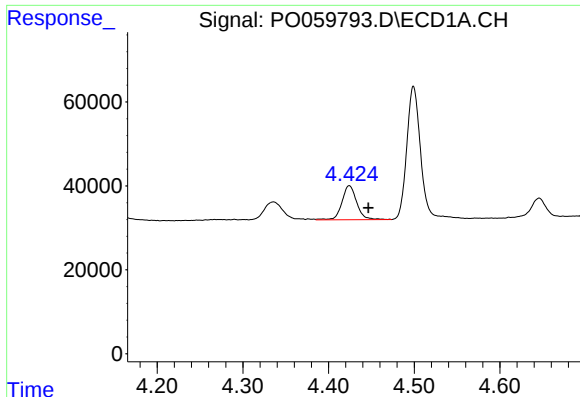
#8 AR-1221-1

R.T.: 4.336 min
Delta R.T.: -0.025 min
Response: 69089
Conc: 163.15 ng/ml



#8 AR-1221-1

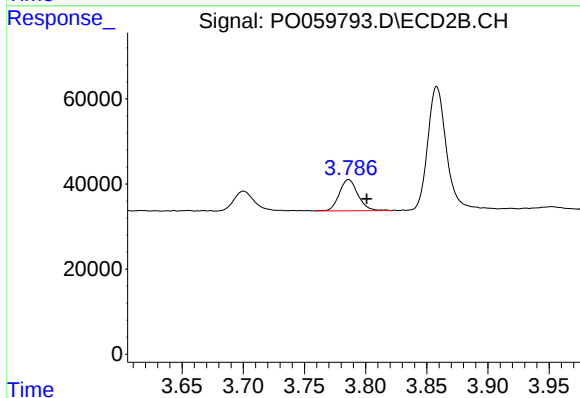
R.T.: 3.700 min
Delta R.T.: -0.016 min
Response: 55778
Conc: 138.96 ng/ml



#9 AR-1221-2

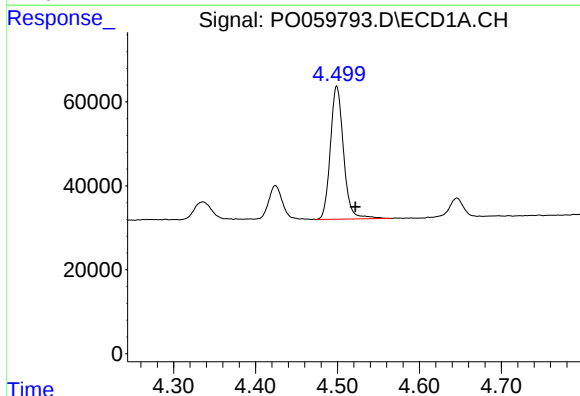
R.T.: 4.424 min
Delta R.T.: -0.022 min
Response: 97615
Conc: 300.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



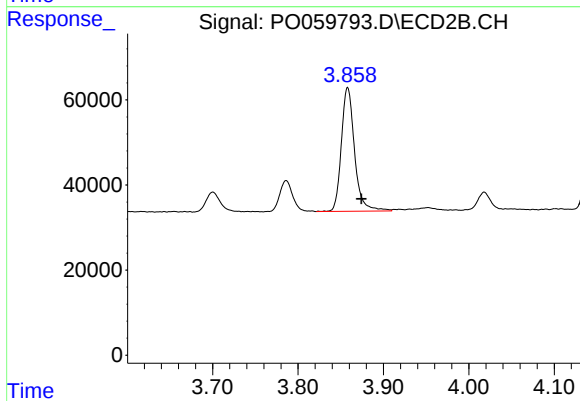
#9 AR-1221-2

R.T.: 3.786 min
Delta R.T.: -0.015 min
Response: 77761
Conc: 255.27 ng/ml



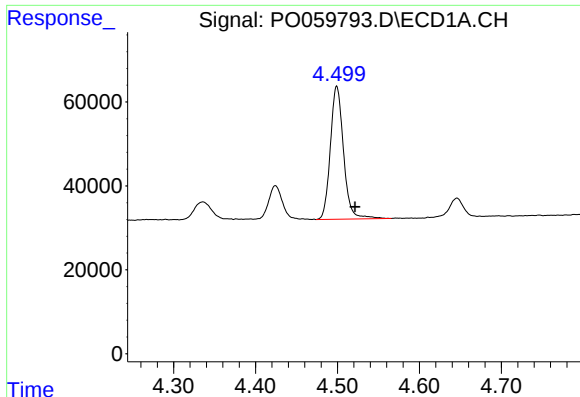
#10 AR-1221-3

R.T.: 4.499 min
Delta R.T.: -0.023 min
Response: 355240
Conc: 337.72 ng/ml



#10 AR-1221-3

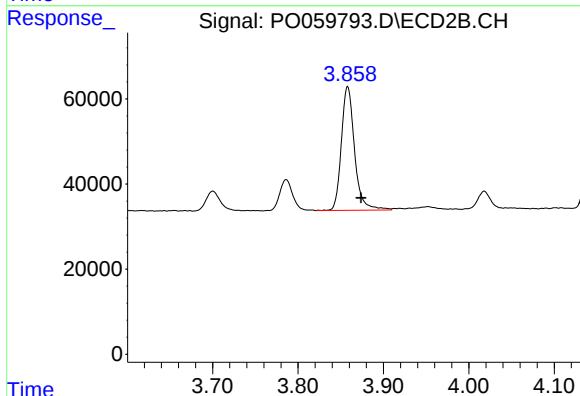
R.T.: 3.858 min
Delta R.T.: -0.016 min
Response: 313747
Conc: 320.66 ng/ml



#11 AR-1232-1

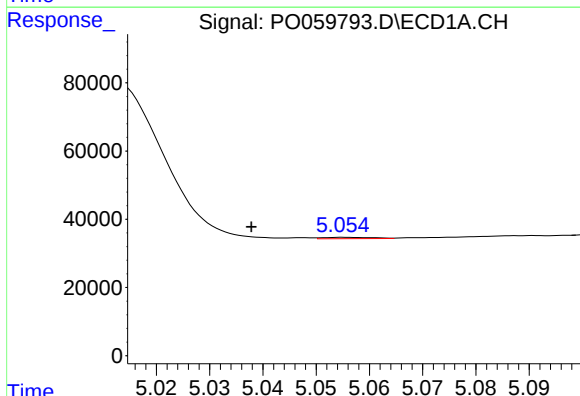
R.T.: 4.499 min
Delta R.T.: -0.022 min
Response: 355240
Conc: 285.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



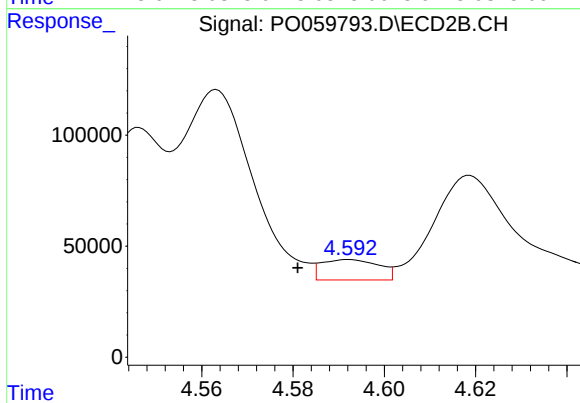
#11 AR-1232-1

R.T.: 3.858 min
Delta R.T.: -0.016 min
Response: 313747
Conc: 275.19 ng/ml



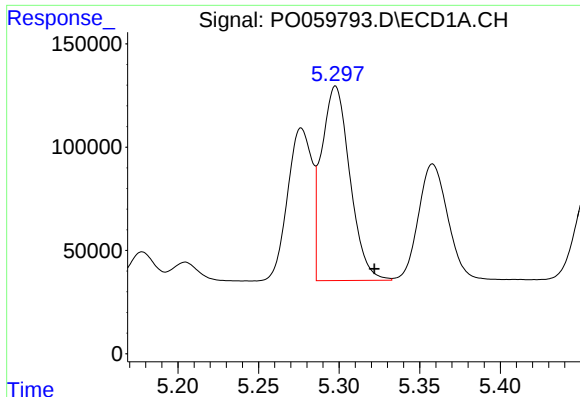
#12 AR-1232-2

R.T.: 5.056 min
Delta R.T.: 0.018 min
Response: 2609
Conc: 3.69 ng/ml



#12 AR-1232-2

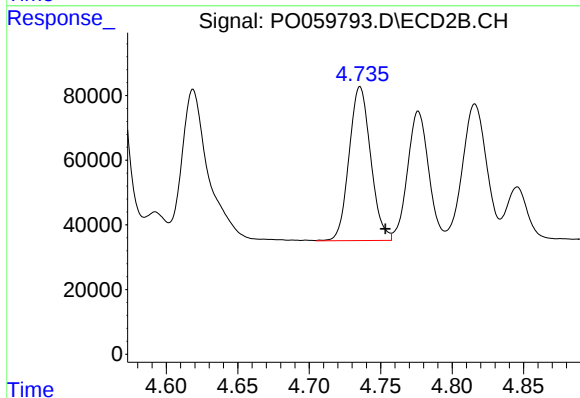
R.T.: 4.592 min
Delta R.T.: 0.011 min
Response: 80169
Conc: 62.95 ng/ml



#13 AR-1232-3

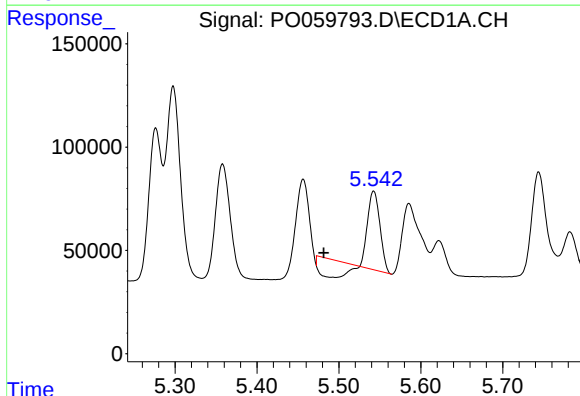
R.T.: 5.298 min
Delta R.T.: -0.024 min
Response: 1153203
Conc: 753.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



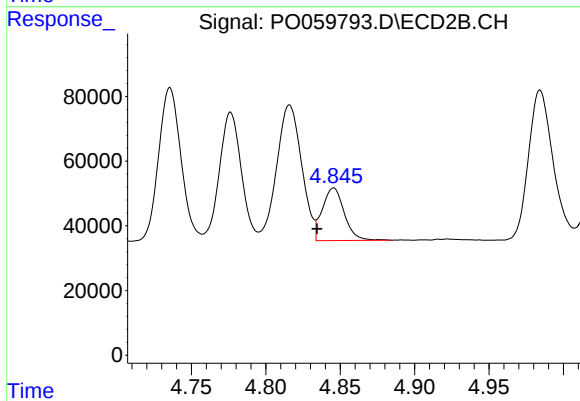
#13 AR-1232-3

R.T.: 4.736 min
Delta R.T.: -0.018 min
Response: 500799
Conc: 735.48 ng/ml



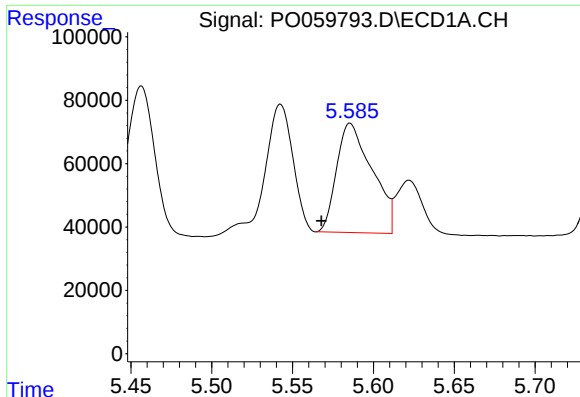
#14 AR-1232-4

R.T.: 5.543 min
Delta R.T.: 0.061 min
Response: 273566
Conc: 349.88 ng/ml



#14 AR-1232-4

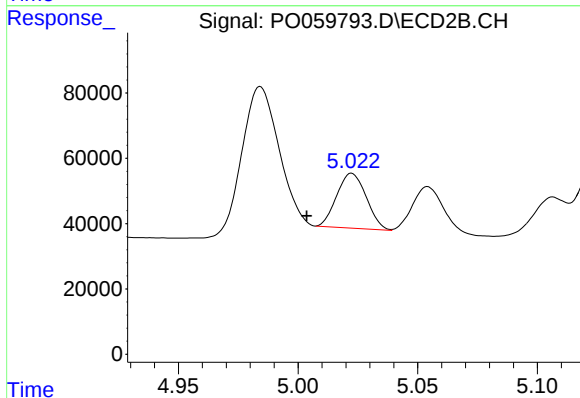
R.T.: 4.846 min
Delta R.T.: 0.011 min
Response: 167012
Conc: 273.76 ng/ml



#15 AR-1232-5

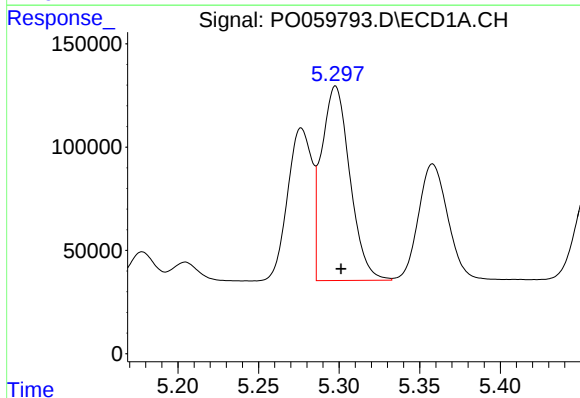
R.T.: 5.586 min
Delta R.T.: 0.018 min
Response: 526633
Conc: 876.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



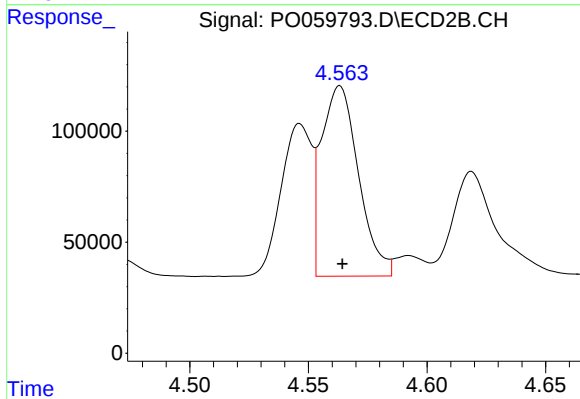
#15 AR-1232-5

R.T.: 5.023 min
Delta R.T.: 0.019 min
Response: 144465
Conc: 212.22 ng/ml



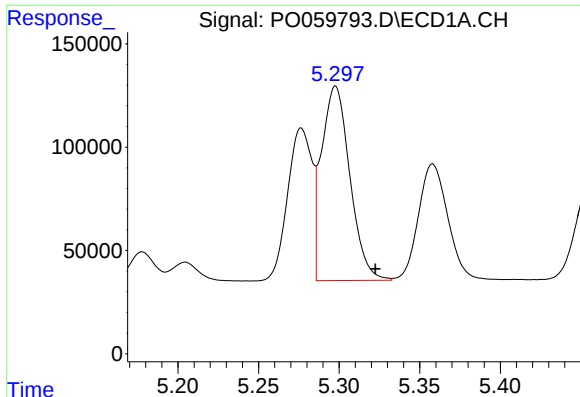
#16 AR-1242-1

R.T.: 5.298 min
Delta R.T.: -0.003 min
Response: 1153203
Conc: 908.38 ng/ml



#16 AR-1242-1

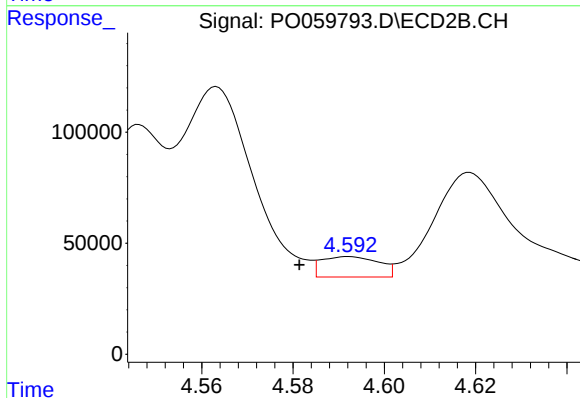
R.T.: 4.563 min
Delta R.T.: -0.001 min
Response: 933658
Conc: 907.65 ng/ml



#17 AR-1242-2

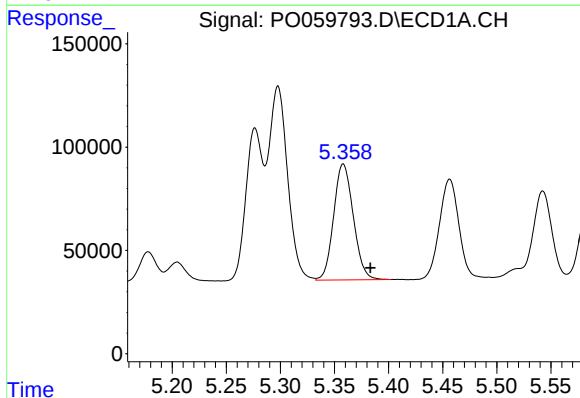
R.T.: 5.298 min
Delta R.T.: -0.025 min
Response: 1153203
Conc: 621.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



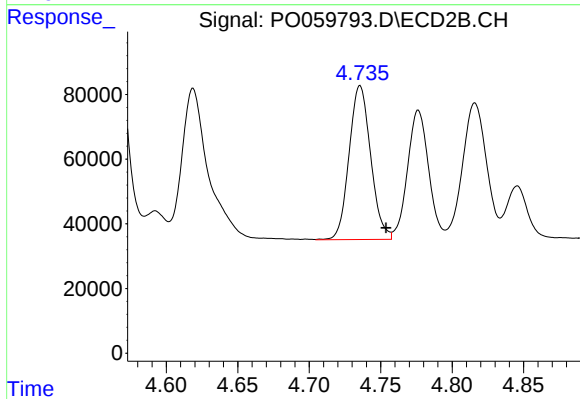
#17 AR-1242-2

R.T.: 4.592 min
Delta R.T.: 0.011 min
Response: 80169
Conc: 52.64 ng/ml



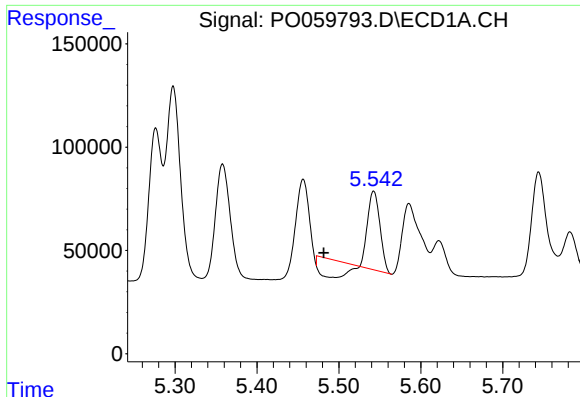
#18 AR-1242-3

R.T.: 5.358 min
Delta R.T.: -0.025 min
Response: 710191
Conc: 607.60 ng/ml



#18 AR-1242-3

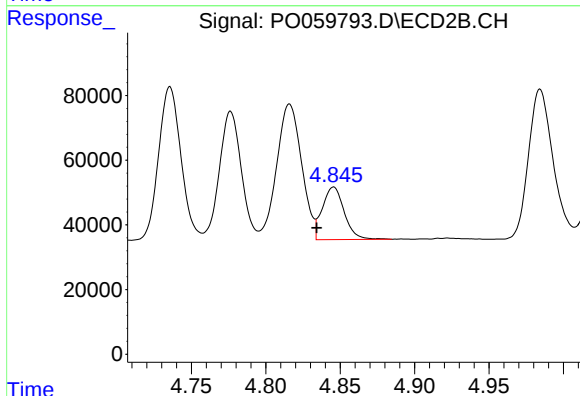
R.T.: 4.736 min
Delta R.T.: -0.018 min
Response: 500799
Conc: 599.40 ng/ml



#19 AR-1242-4

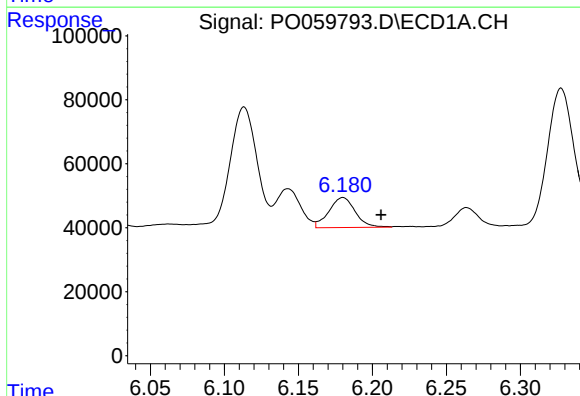
R.T.: 5.543 min
Delta R.T.: 0.061 min
Response: 273566
Conc: 282.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



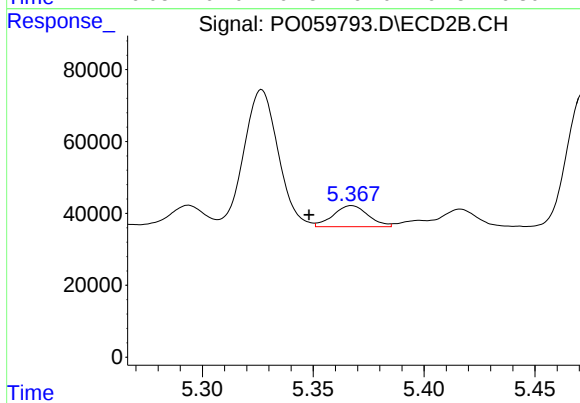
#19 AR-1242-4

R.T.: 4.846 min
Delta R.T.: 0.011 min
Response: 167012
Conc: 200.16 ng/ml



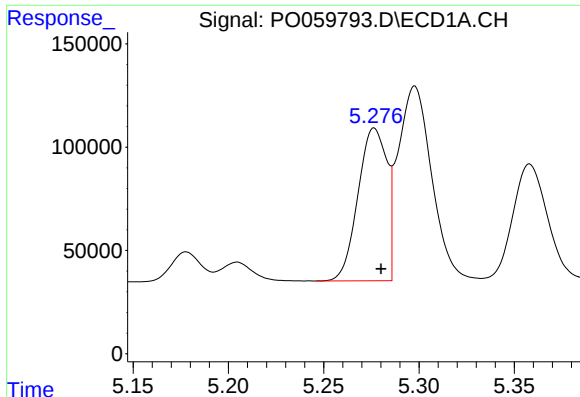
#20 AR-1242-5

R.T.: 6.180 min
Delta R.T.: -0.026 min
Response: 115819
Conc: 92.17 ng/ml



#20 AR-1242-5

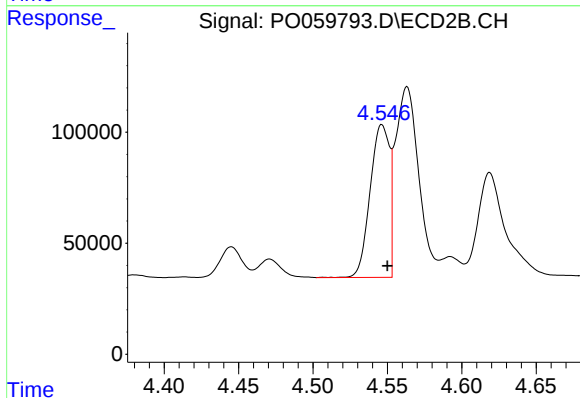
R.T.: 5.367 min
Delta R.T.: 0.019 min
Response: 64532
Conc: 57.69 ng/ml



#21 AR-1248-1

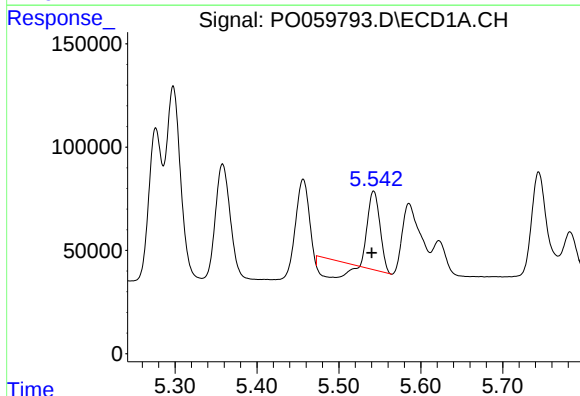
R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 779297
Conc: 777.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



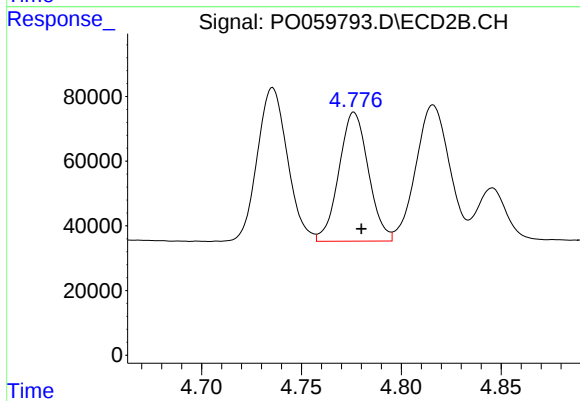
#21 AR-1248-1

R.T.: 4.546 min
Delta R.T.: -0.004 min
Response: 620760
Conc: 749.69 ng/ml



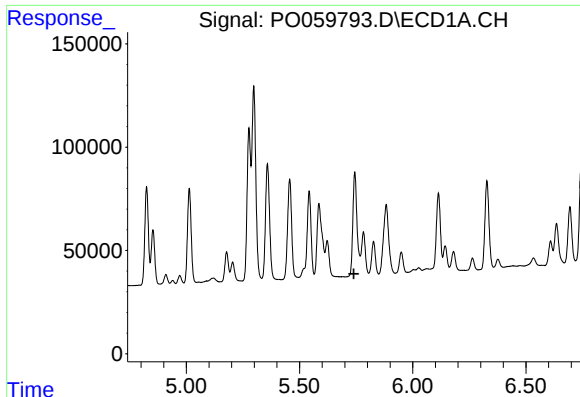
#22 AR-1248-2

R.T.: 5.543 min
Delta R.T.: 0.003 min
Response: 273566
Conc: 188.55 ng/ml



#22 AR-1248-2

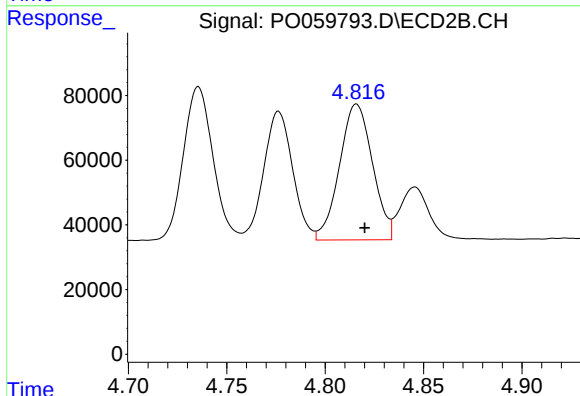
R.T.: 4.776 min
Delta R.T.: -0.004 min
Response: 409713
Conc: 355.31 ng/ml



#23 AR-1248-3

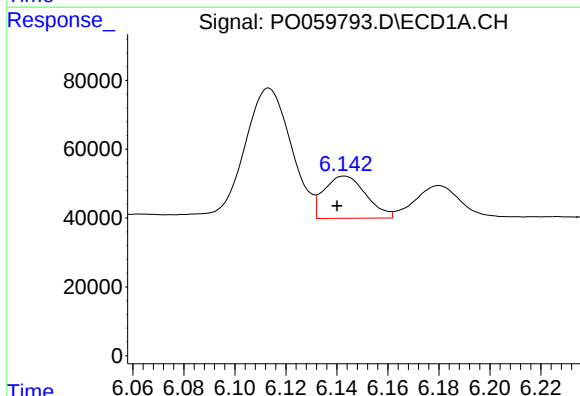
R.T.: 5.782 min
Delta R.T.: 0.042 min
Response: -201894
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



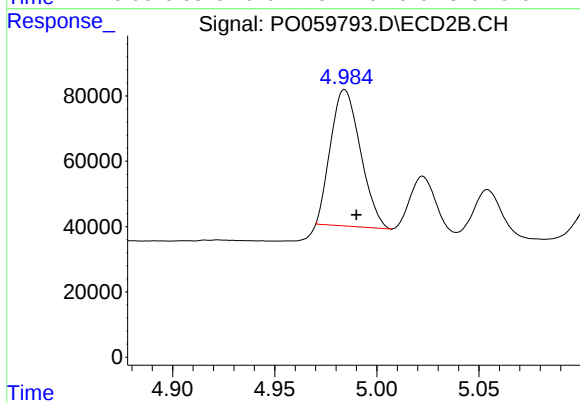
#23 AR-1248-3

R.T.: 4.816 min
Delta R.T.: -0.004 min
Response: 490470
Conc: 412.94 ng/ml



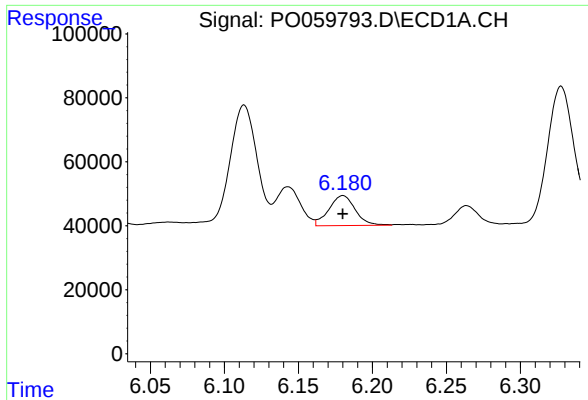
#24 AR-1248-4

R.T.: 6.143 min
Delta R.T.: 0.003 min
Response: 140266
Conc: 68.62 ng/ml



#24 AR-1248-4

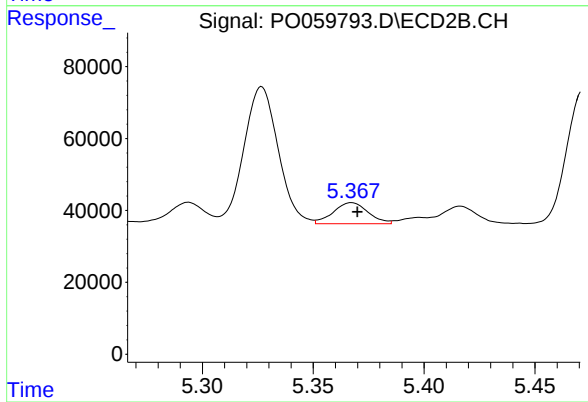
R.T.: 4.984 min
Delta R.T.: -0.006 min
Response: 424767
Conc: 292.32 ng/ml



#25 AR-1248-5

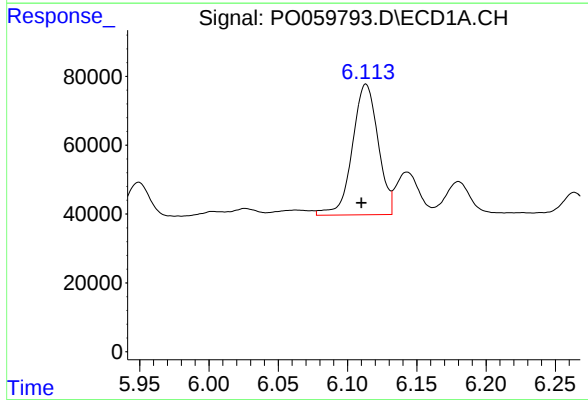
R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 115819
Conc: 58.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



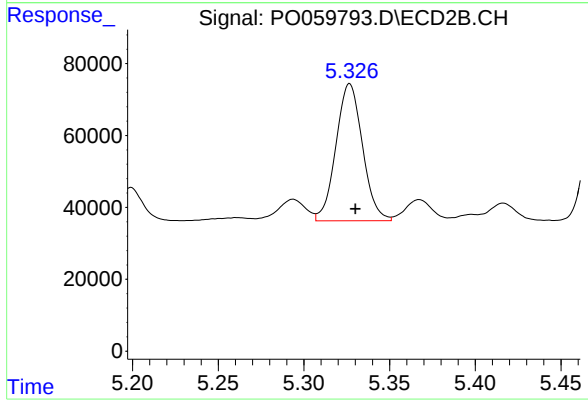
#25 AR-1248-5

R.T.: 5.367 min
Delta R.T.: -0.003 min
Response: 64532
Conc: 45.09 ng/ml



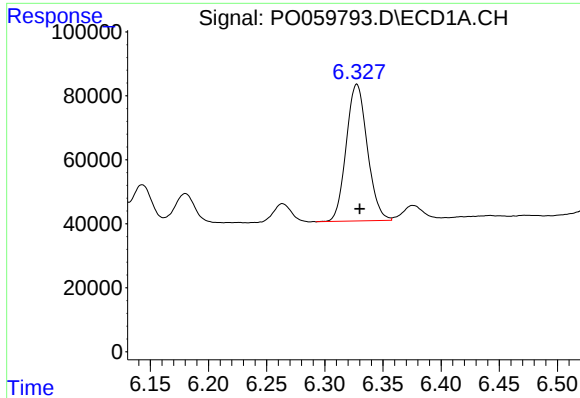
#26 AR-1254-1

R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 491415
Conc: 235.53 ng/ml



#26 AR-1254-1

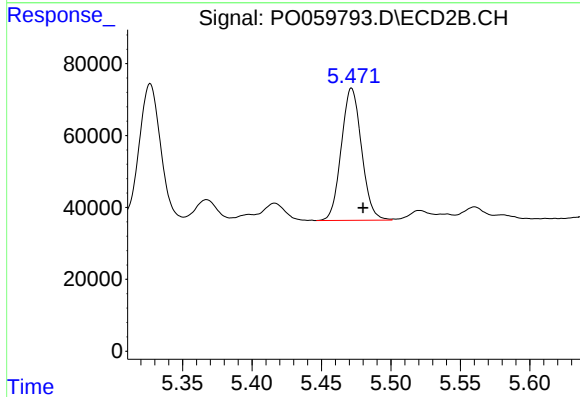
R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 412330
Conc: 173.85 ng/ml



#27 AR-1254-2

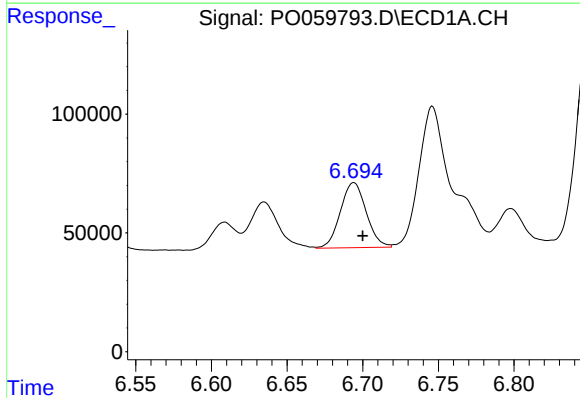
R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 539477
Conc: 161.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



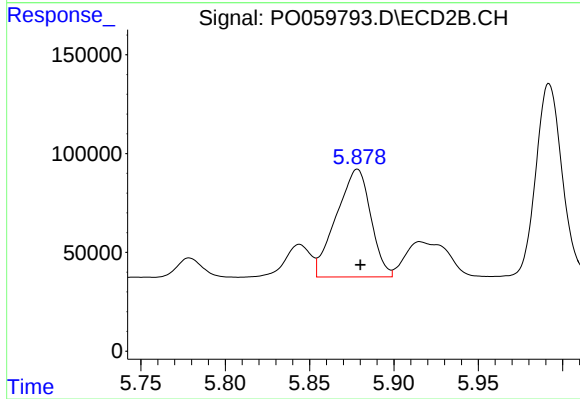
#27 AR-1254-2

R.T.: 5.472 min
Delta R.T.: -0.008 min
Response: 373370
Conc: 177.94 ng/ml



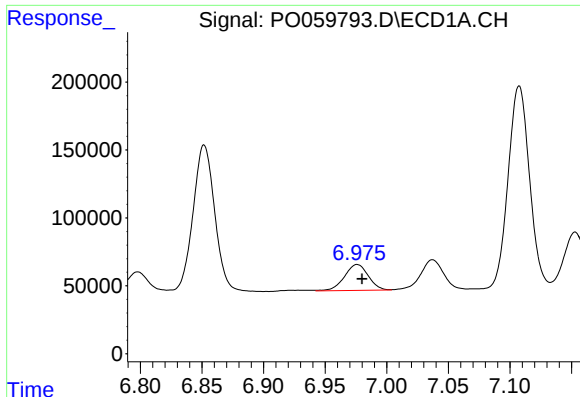
#28 AR-1254-3

R.T.: 6.694 min
Delta R.T.: -0.006 min
Response: 325770
Conc: 91.81 ng/ml



#28 AR-1254-3

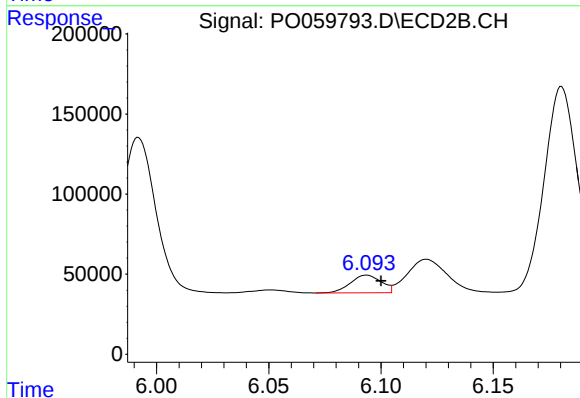
R.T.: 5.878 min
Delta R.T.: -0.002 min
Response: 775012
Conc: 230.49 ng/ml



#29 AR-1254-4

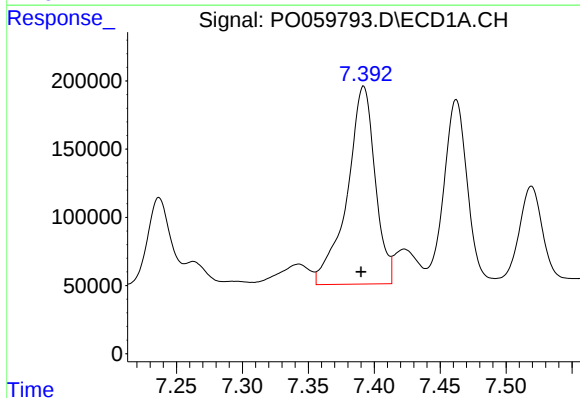
R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 258236
Conc: 87.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



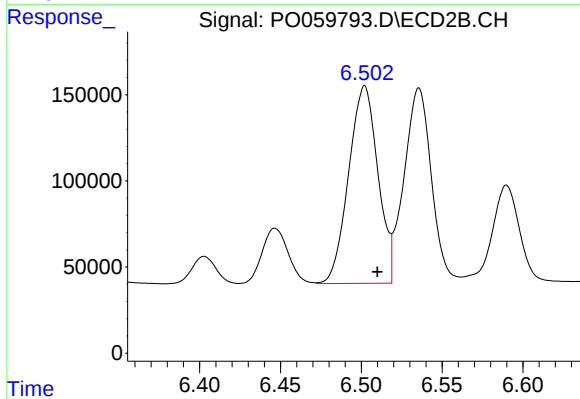
#29 AR-1254-4

R.T.: 6.094 min
Delta R.T.: -0.006 min
Response: 106135
Conc: 51.48 ng/ml



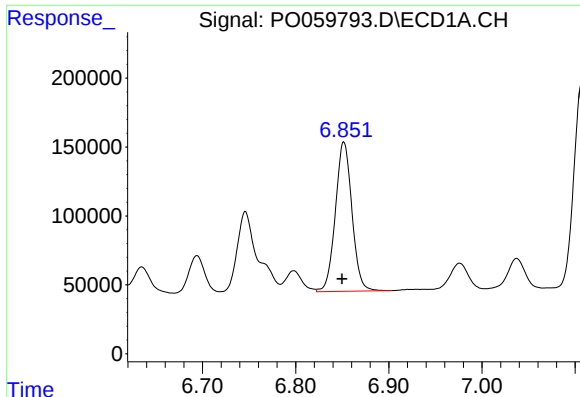
#30 AR-1254-5

R.T.: 7.392 min
Delta R.T.: 0.002 min
Response: 2147251
Conc: 694.36 ng/ml



#30 AR-1254-5

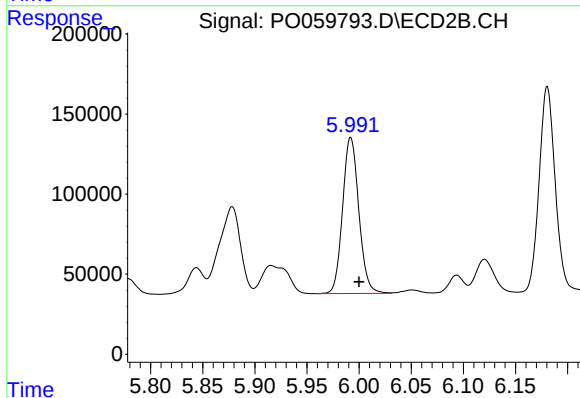
R.T.: 6.502 min
Delta R.T.: -0.008 min
Response: 1443563
Conc: 464.92 ng/ml



#31 AR-1260-1

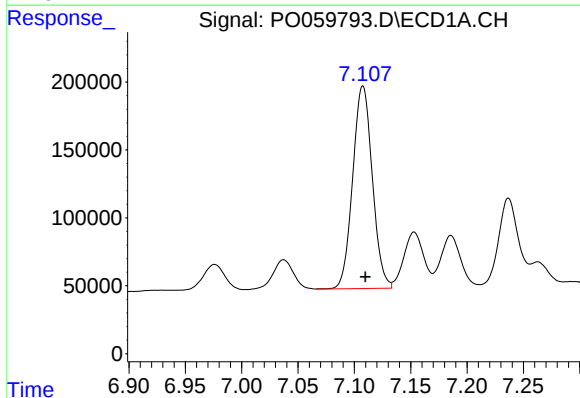
R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 1338219
Conc: 496.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



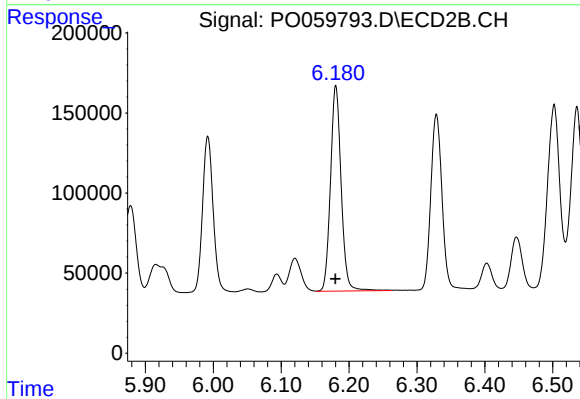
#31 AR-1260-1

R.T.: 5.992 min
Delta R.T.: -0.008 min
Response: 1055973
Conc: 463.37 ng/ml



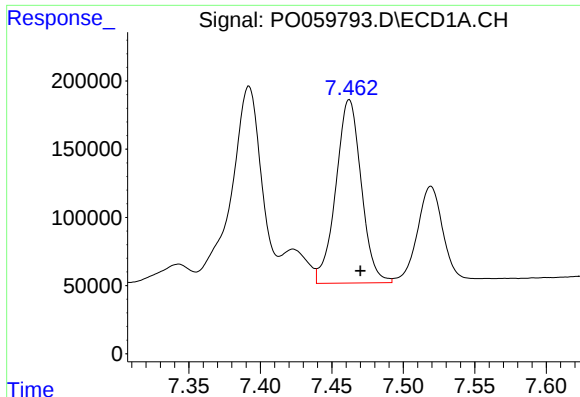
#32 AR-1260-2

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 1804763
Conc: 486.40 ng/ml



#32 AR-1260-2

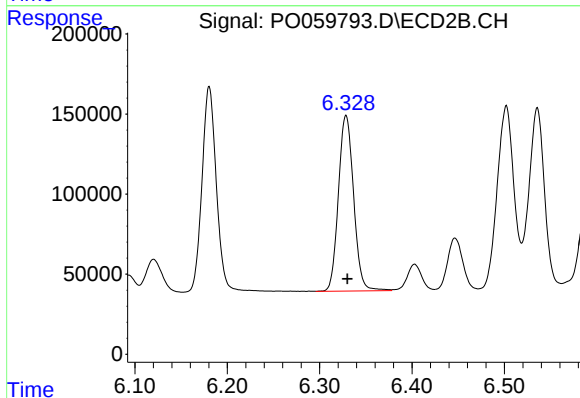
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 1399194
Conc: 477.56 ng/ml



#33 AR-1260-3

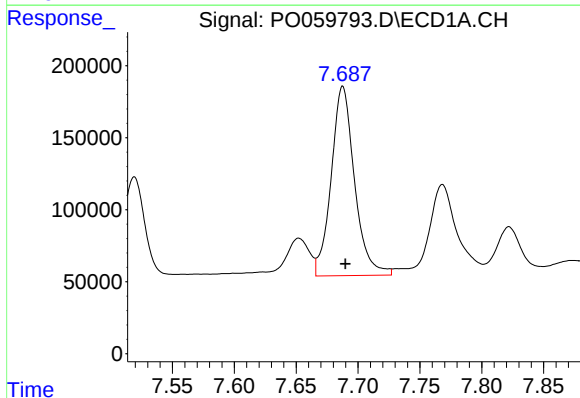
R.T.: 7.462 min
Delta R.T.: -0.008 min
Response: 1666820
Conc: 508.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



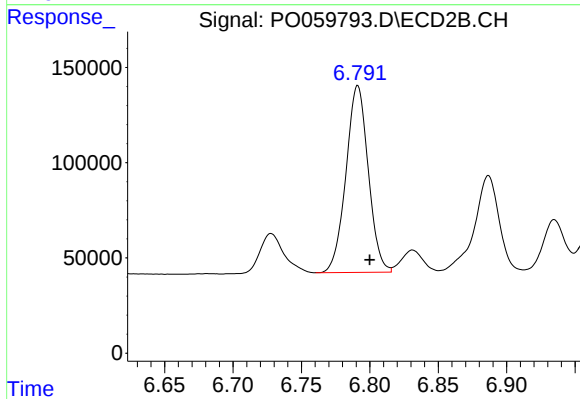
#33 AR-1260-3

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 1253228
Conc: 473.07 ng/ml



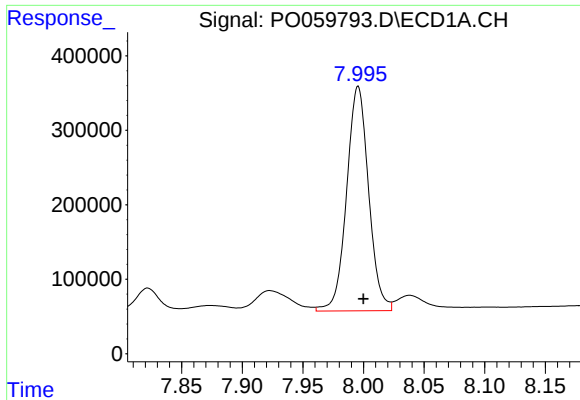
#34 AR-1260-4

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 1725241
Conc: 561.73 ng/ml



#34 AR-1260-4

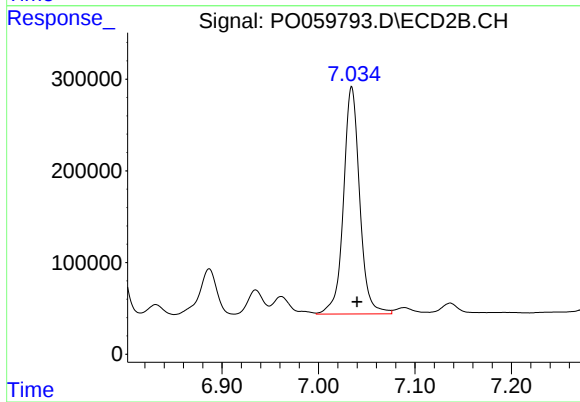
R.T.: 6.791 min
Delta R.T.: -0.009 min
Response: 1112557
Conc: 491.72 ng/ml



#35 AR-1260-5

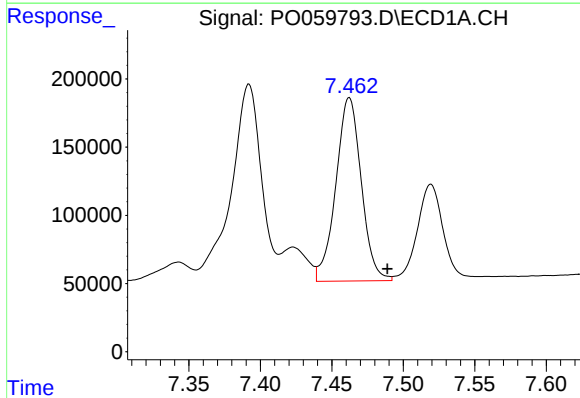
R.T.: 7.996 min
Delta R.T.: -0.004 min
Response: 3812800
Conc: 538.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



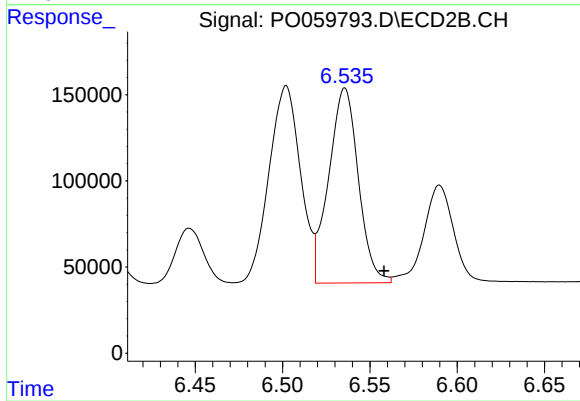
#35 AR-1260-5

R.T.: 7.034 min
Delta R.T.: -0.006 min
Response: 2902709
Conc: 527.45 ng/ml



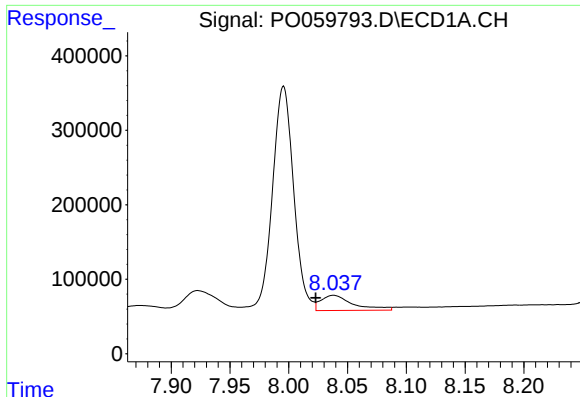
#36 AR-1262-1

R.T.: 7.462 min
Delta R.T.: -0.027 min
Response: 1666820
Conc: 343.47 ng/ml



#36 AR-1262-1

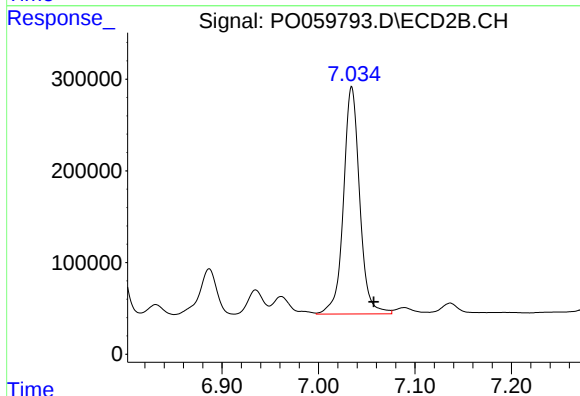
R.T.: 6.536 min
Delta R.T.: -0.022 min
Response: 1335496
Conc: 358.28 ng/ml



#37 AR-1262-2

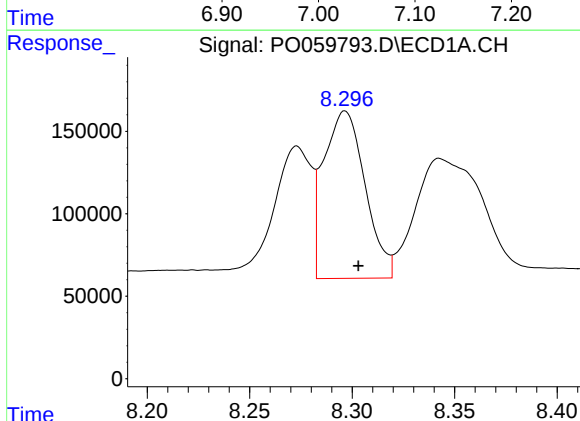
R.T.: 8.038 min
Delta R.T.: 0.015 min
Response: 392803
Conc: 50.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



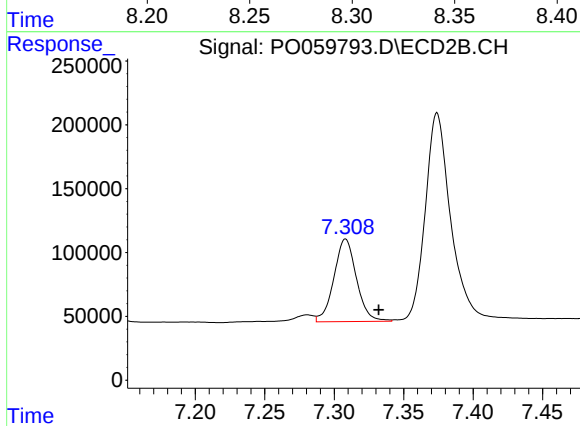
#37 AR-1262-2

R.T.: 7.034 min
Delta R.T.: -0.023 min
Response: 2902709
Conc: 493.74 ng/ml



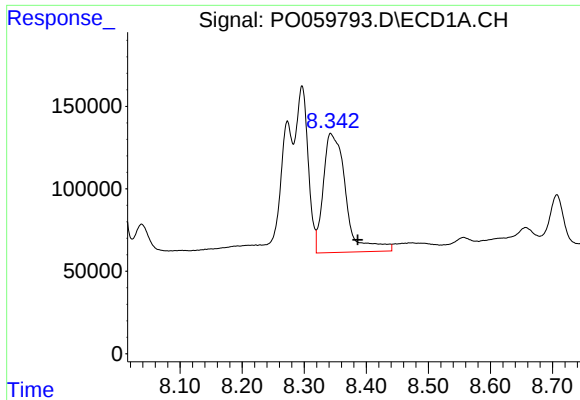
#38 AR-1262-3

R.T.: 8.297 min
Delta R.T.: -0.007 min
Response: 1426100
Conc: 279.50 ng/ml



#38 AR-1262-3

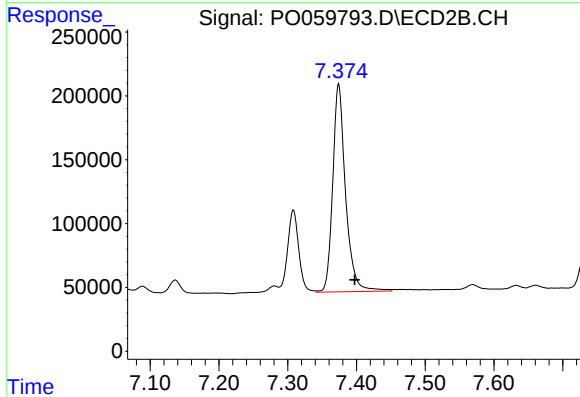
R.T.: 7.308 min
Delta R.T.: -0.024 min
Response: 732729
Conc: 288.37 ng/ml



#39 AR-1262-4

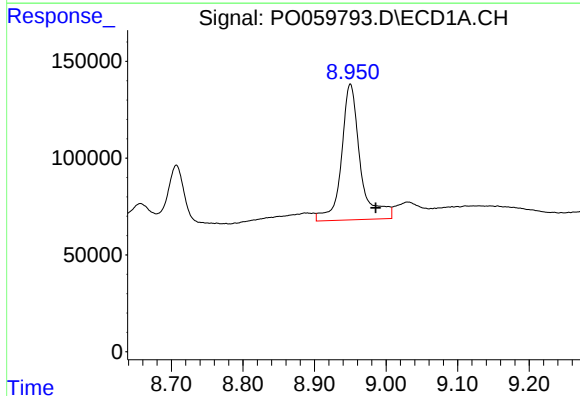
R.T.: 8.343 min
Delta R.T.: -0.044 min
Response: 1824038
Conc: 473.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



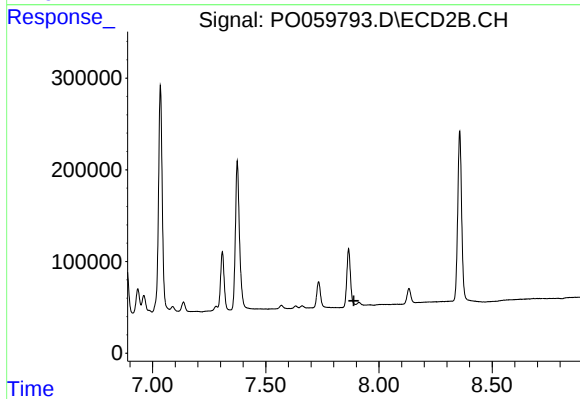
#39 AR-1262-4

R.T.: 7.374 min
Delta R.T.: -0.023 min
Response: 2112614
Conc: 478.08 ng/ml



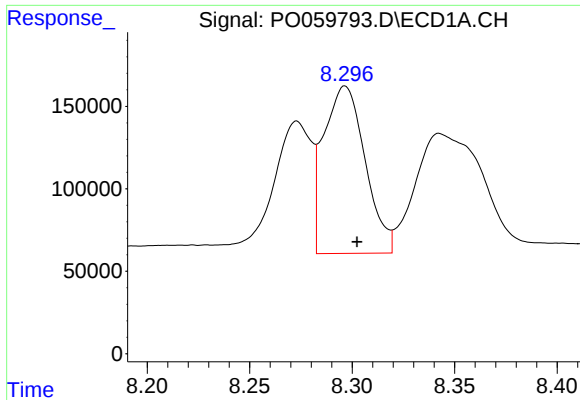
#40 AR-1262-5

R.T.: 8.950 min
Delta R.T.: -0.036 min
Response: 1285378
Conc: 500.82 ng/ml



#40 AR-1262-5

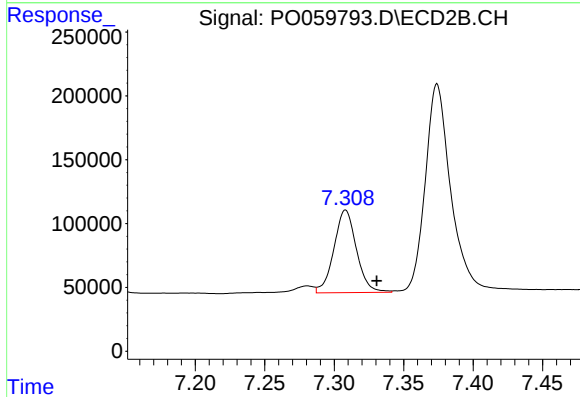
R.T.: 7.912 min
Delta R.T.: 0.022 min
Response: -251105
Conc: N.D.



#41 AR-1268-1

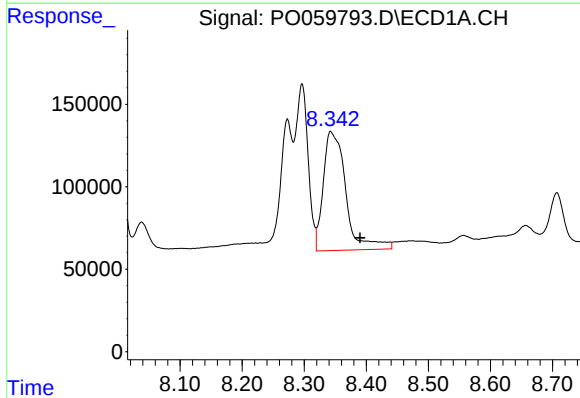
R.T.: 8.297 min
Delta R.T.: -0.006 min
Response: 1426100
Conc: 151.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



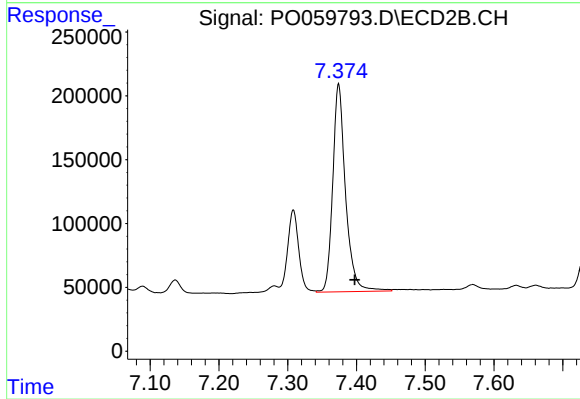
#41 AR-1268-1

R.T.: 7.308 min
Delta R.T.: -0.022 min
Response: 732729
Conc: 102.90 ng/ml



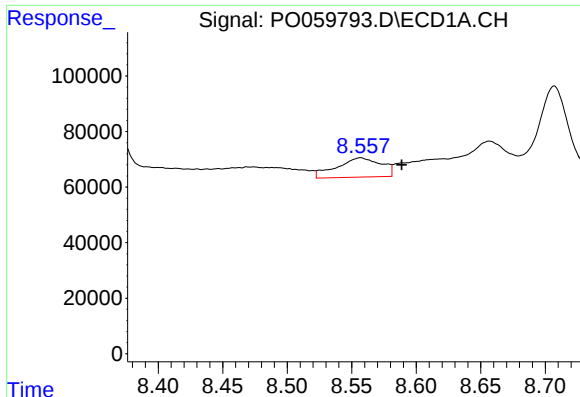
#42 AR-1268-2

R.T.: 8.343 min
Delta R.T.: -0.047 min
Response: 1824038
Conc: 231.40 ng/ml



#42 AR-1268-2

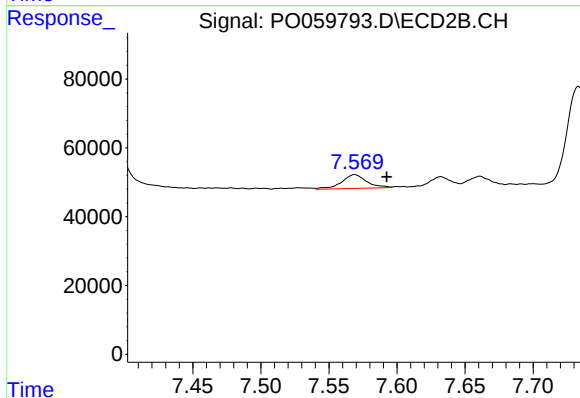
R.T.: 7.374 min
Delta R.T.: -0.023 min
Response: 2112614
Conc: 327.64 ng/ml



#43 AR-1268-3

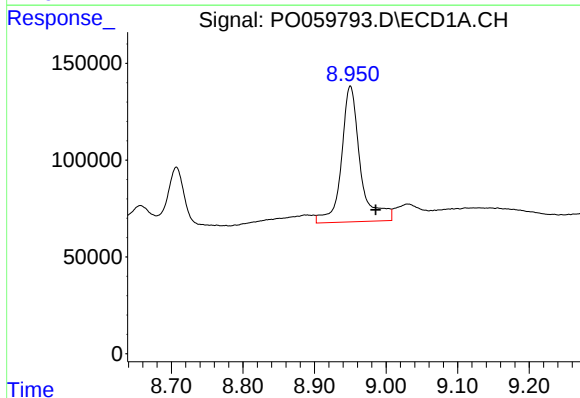
R.T.: 8.557 min
Delta R.T.: -0.032 min
Response: 165593
Conc: 23.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



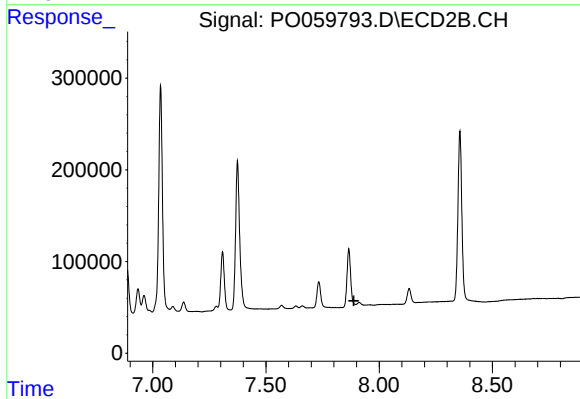
#43 AR-1268-3

R.T.: 7.569 min
Delta R.T.: -0.023 min
Response: 51111
Conc: 9.34 ng/ml



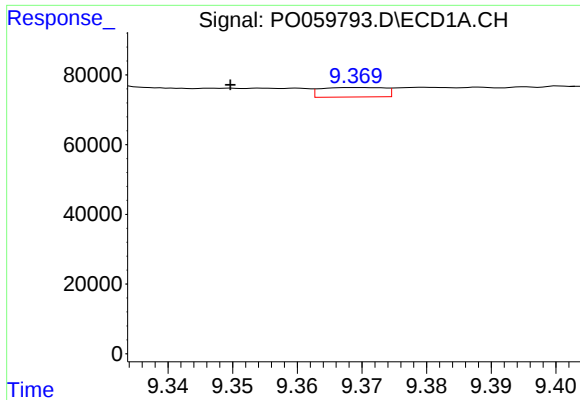
#44 AR-1268-4

R.T.: 8.950 min
Delta R.T.: -0.035 min
Response: 1285378
Conc: 462.36 ng/ml



#44 AR-1268-4

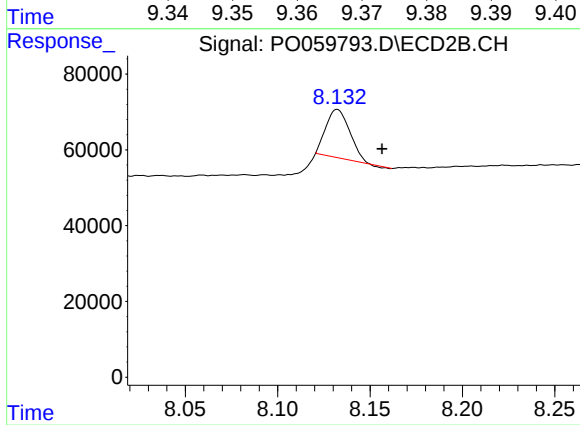
R.T.: 7.912 min
Delta R.T.: 0.023 min
Response: -251105
Conc: N.D.



#45 AR-1268-5

R.T.: 9.369 min
Delta R.T.: 0.020 min
Response: 18535
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.132 min
Delta R.T.: -0.024 min
Response: 112913
Conc: 7.77 ng/ml