

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070920\
 Data File : P0069499.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Jul 2020 00:34
 Operator : DD\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: Jul 10 02:31:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 08 16:12:41 2020
 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...	4.392	3.564	1843547	1766340	49.377	44.385
2)	SA Decachlor...	10.051	8.775	2700683	2357370	44.887	41.537
Target Compounds							
3)	L1 AR-1016-1	5.701	4.796	917795	790030	512.322	469.803
4)	L1 AR-1016-2	5.723	4.815	1301914	1101080	513.550	473.516
5)	L1 AR-1016-3	5.786	5.000	792891	592855	516.975	465.398
6)	L1 AR-1016-4	5.892	5.057	669713	522751	516.778	478.696
7)	L1 AR-1016-5	6.203	5.279	658469	668307	499.749	485.847
8)	L2 AR-1221-1	4.643	3.816	64838	64660	161.694	135.273
9)	L2 AR-1221-2	4.742	3.912	99725	95406	325.290	266.625
10)	L2 AR-1221-3	4.830	3.999	367988	363374	362.143	332.262
11)	L3 AR-1232-1	4.830	3.999	367988	363374	452.401	406.420
12)	L3 AR-1232-2	5.406	4.815	564631	1101080	1317.398	1138.989
13)	L3 AR-1232-3	5.723	5.000	1301914	592855	1302.394	1134.704
14)	L3 AR-1232-4	5.892	5.100	669713	558579	1368.760	1274.034
15)	L3 AR-1232-5	5.991	5.279	524861	668307	1653.873	1277.496
16)	L4 AR-1242-1	5.701	4.796	917795	790030	704.163	630.072
17)	L4 AR-1242-2	5.723	4.815	1301914	1101080	691.373	630.219
18)	L4 AR-1242-3	5.786	5.000	792891	592855	698.204	615.842
19)	L4 AR-1242-4	5.892	5.100	669713	558579	697.912	617.437
20)	L4 AR-1242-5	6.667	5.654	152577	555126	128.526	437.986 #
21)	L5 AR-1248-1	5.701	4.796	917795	790030	939.821	807.266
22)	L5 AR-1248-2	5.991	5.057	524861	522751	412.228	383.987
23)	L5 AR-1248-3	6.203	5.100	658469	558579	416.628	442.287
24)	L5 AR-1248-4	6.629	5.279	196812	668307	96.996	411.431 #
25)	L5 AR-1248-5	6.667	5.696	152577	84873	79.498	51.432 #
26)	L6 AR-1254-1	6.600	5.654	424098	555126	213.052	213.257
27)	L6 AR-1254-2	6.824	5.815	492569	445836	153.437	193.122 #
28)	L6 AR-1254-3	7.201	6.228	300691	270963	85.616	72.151
29)	L6 AR-1254-4	7.495	6.468	652334	149584	217.962	59.191 #
30)	L6 AR-1254-5	7.919	6.893	1859732	1711801	618.099	476.964
31)	L7 AR-1260-1	7.366	6.365	1423152	1201649	541.244	455.589
32)	L7 AR-1260-2	7.633	6.565	2165698	1494625	610.502	456.631 #
33)	L7 AR-1260-3	7.992	6.714	1311003	1357917	453.480	446.003
34)	L7 AR-1260-4	8.219	7.193	1268042	1186102	428.112	438.195
35)	L7 AR-1260-5	8.533	7.444	2938583	2828886	434.291	441.419
36)	L8 AR-1262-1	7.992	6.893	1311003	1711801	329.442	886.485 #
37)	L8 AR-1262-2	8.533	7.444	2938583	2828886	407.112	433.263
38)	L8 AR-1262-3	8.803	7.727	658614	779803	137.548	289.348 #
39)	L8 AR-1262-4	8.883	7.788	470578	2157300	242.765	433.266 #
40)	L8 AR-1262-5	9.447	8.287	891758	843572	341.916	339.481
41)	L9 AR-1268-1	8.803	7.727	658614	779803	71.851	99.616 #

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 Acq On : 10 Jul 2020 00:34
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

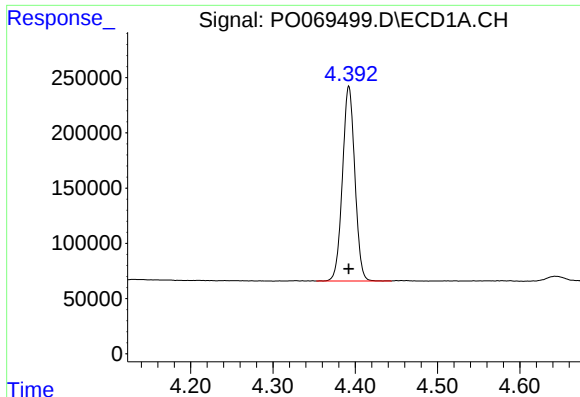
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 02:31:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070820.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	8.883	7.788	470578	2157300	56.774	302.016 #
43) L9	AR-1268-3	9.072	0.000	37084	0	5.241	N.D. #
44) L9	AR-1268-4	9.447	8.287	891758	843572	294.220	291.688
45) L9	AR-1268-5	9.784	8.556	252688	243096	11.375	12.607

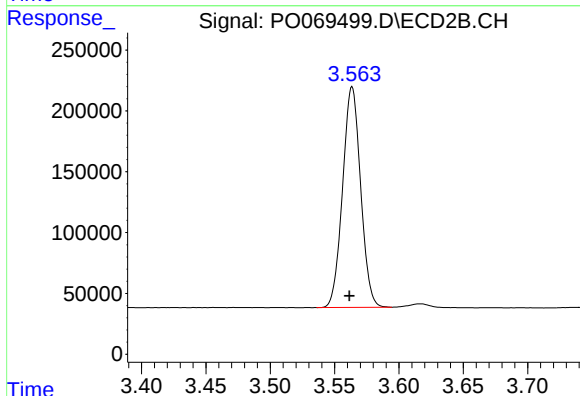
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

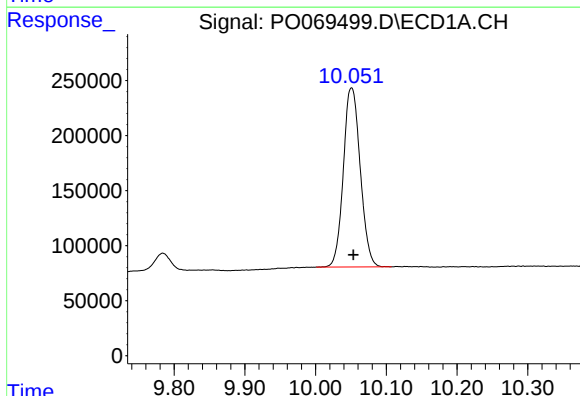
R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 1843547
Conc: 49.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



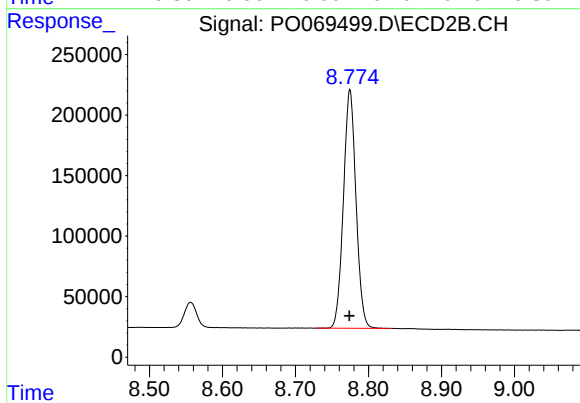
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.002 min
Response: 1766340
Conc: 44.38 ng/ml



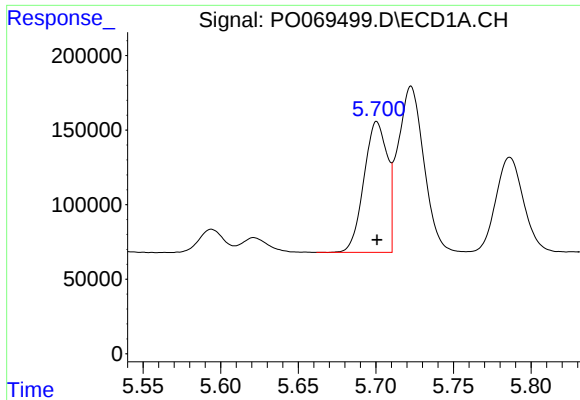
#2 Decachlorobiphenyl

R.T.: 10.051 min
Delta R.T.: -0.002 min
Response: 2700683
Conc: 44.89 ng/ml



#2 Decachlorobiphenyl

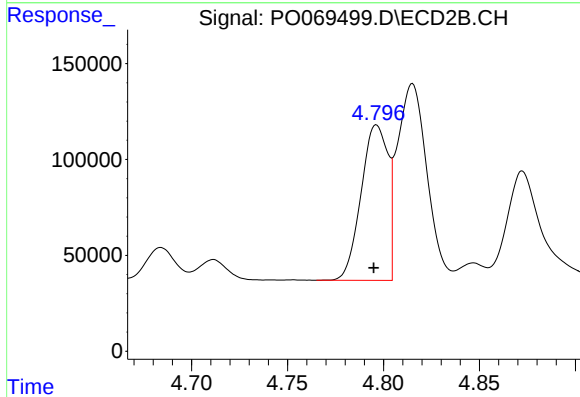
R.T.: 8.775 min
Delta R.T.: 0.000 min
Response: 2357370
Conc: 41.54 ng/ml



#3 AR-1016-1

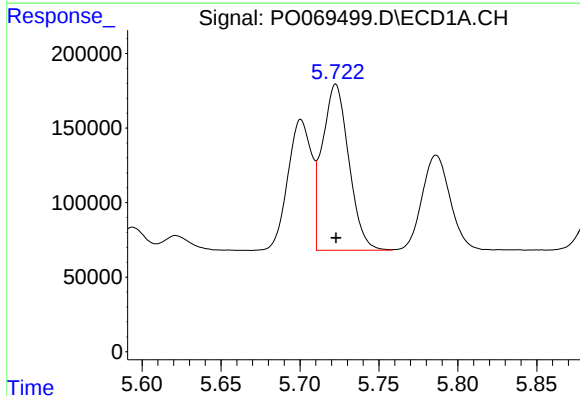
R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 917795
Conc: 512.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



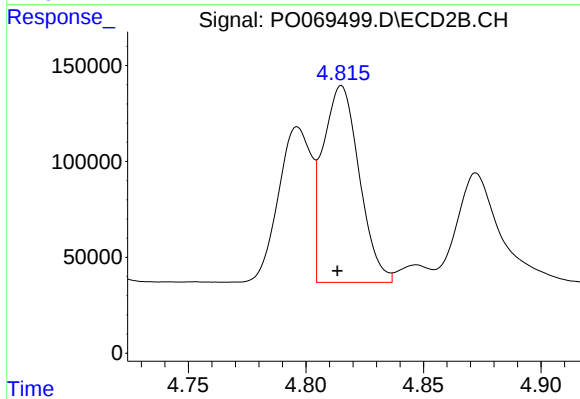
#3 AR-1016-1

R.T.: 4.796 min
Delta R.T.: 0.002 min
Response: 790030
Conc: 469.80 ng/ml



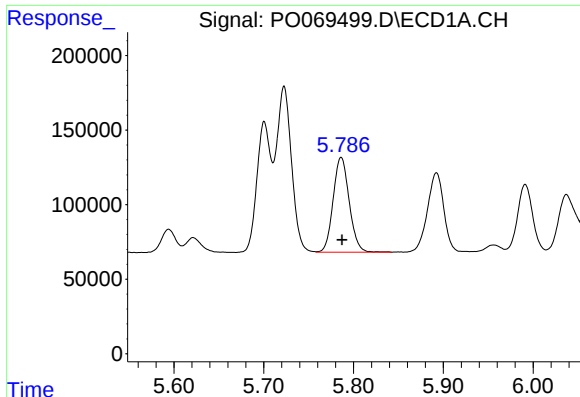
#4 AR-1016-2

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 1301914
Conc: 513.55 ng/ml



#4 AR-1016-2

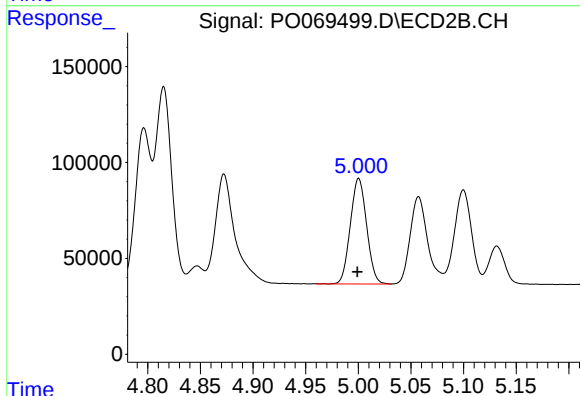
R.T.: 4.815 min
Delta R.T.: 0.002 min
Response: 1101080
Conc: 473.52 ng/ml



#5 AR-1016-3

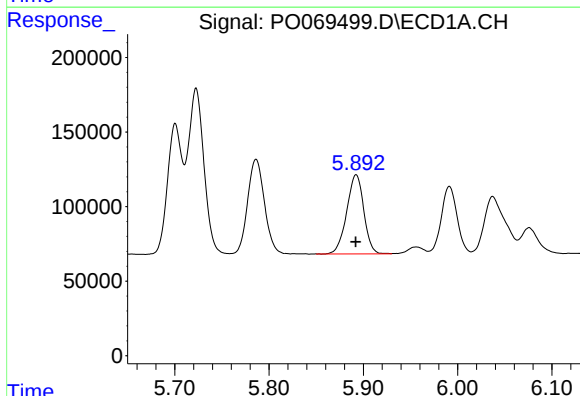
R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 792891
Conc: 516.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



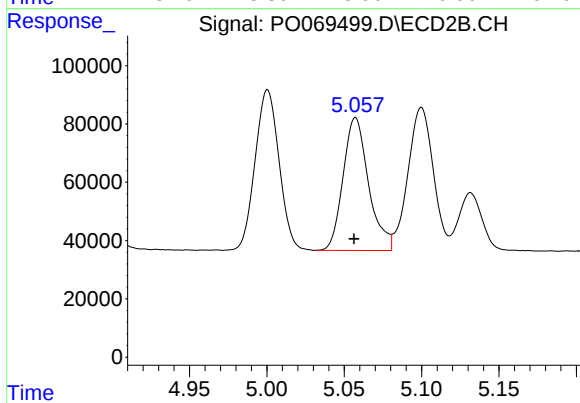
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: 0.001 min
Response: 592855
Conc: 465.40 ng/ml



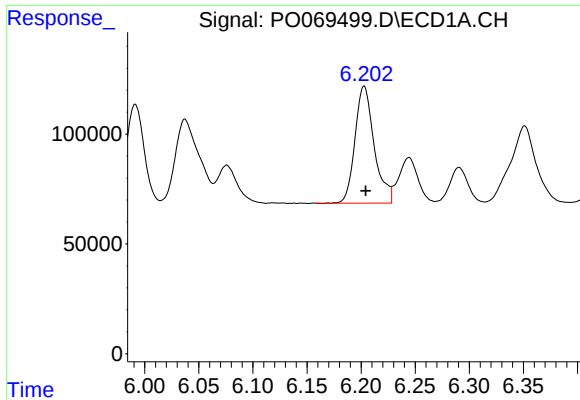
#6 AR-1016-4

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 669713
Conc: 516.78 ng/ml



#6 AR-1016-4

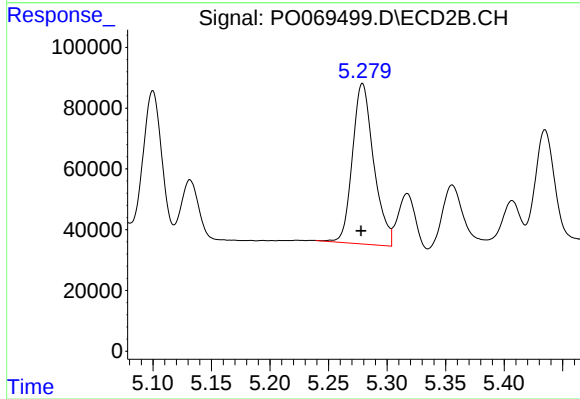
R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 522751
Conc: 478.70 ng/ml



#7 AR-1016-5

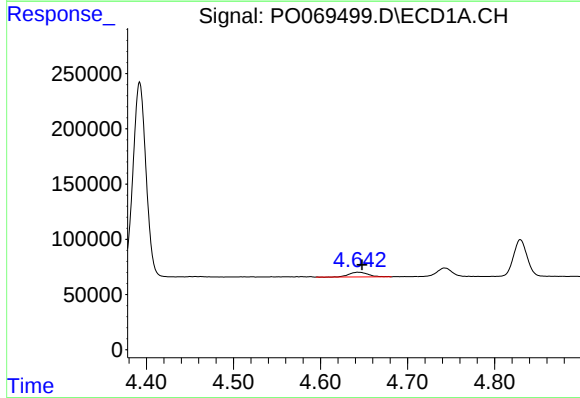
R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 658469
Conc: 499.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



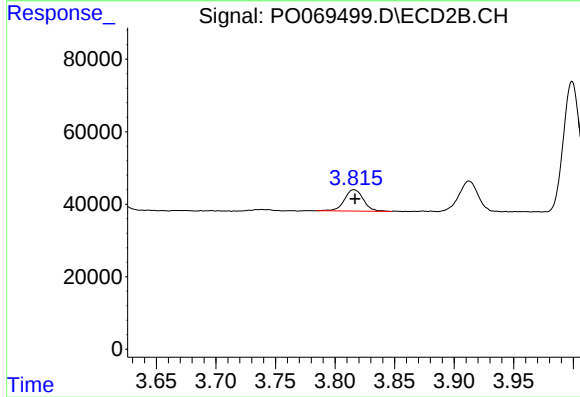
#7 AR-1016-5

R.T.: 5.279 min
Delta R.T.: 0.001 min
Response: 668307
Conc: 485.85 ng/ml



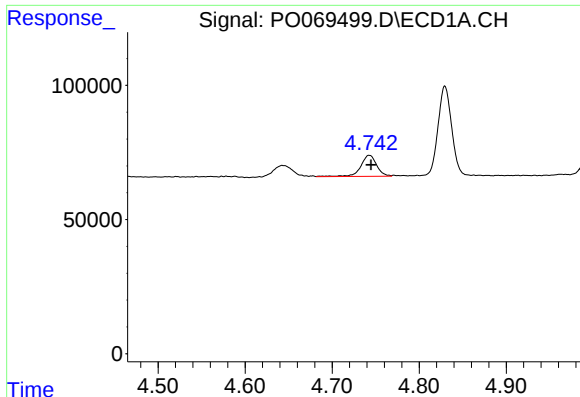
#8 AR-1221-1

R.T.: 4.643 min
Delta R.T.: -0.005 min
Response: 64838
Conc: 161.69 ng/ml



#8 AR-1221-1

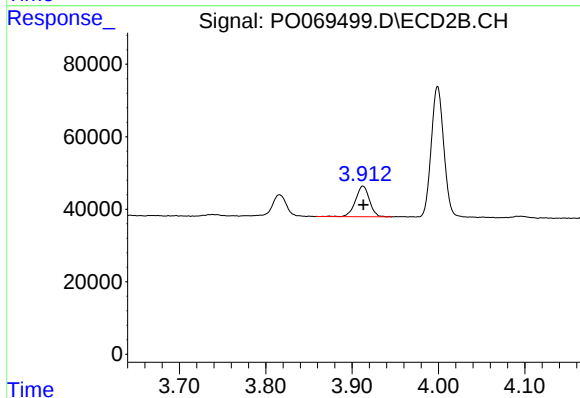
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 64660
Conc: 135.27 ng/ml



#9 AR-1221-2

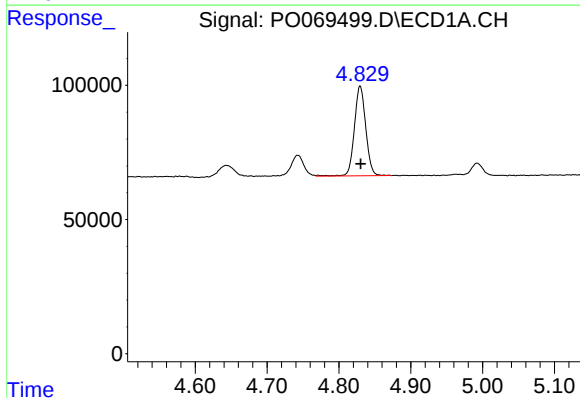
R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 99725
Conc: 325.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



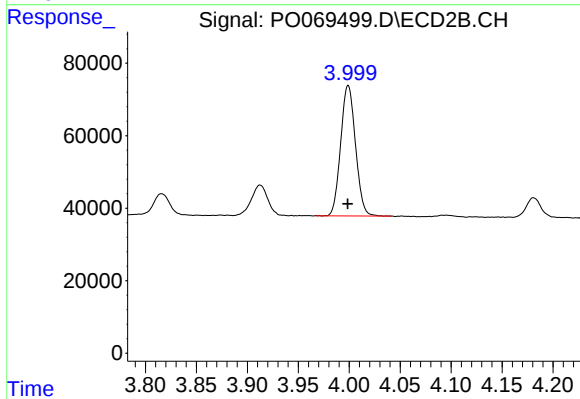
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: 0.000 min
Response: 95406
Conc: 266.63 ng/ml



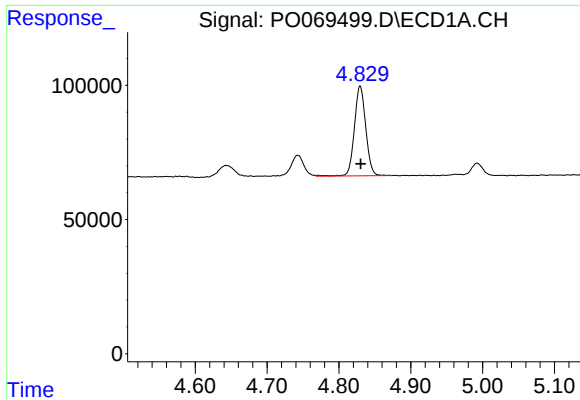
#10 AR-1221-3

R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 367988
Conc: 362.14 ng/ml



#10 AR-1221-3

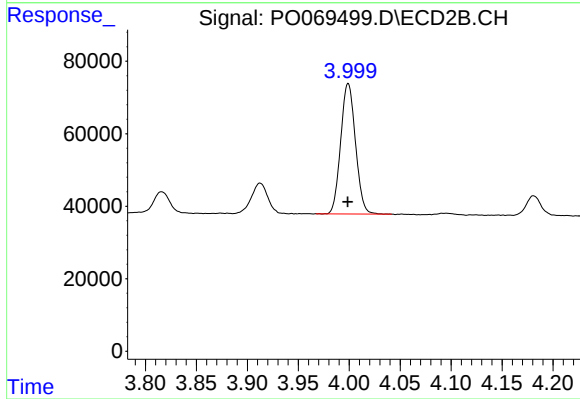
R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 363374
Conc: 332.26 ng/ml



#11 AR-1232-1

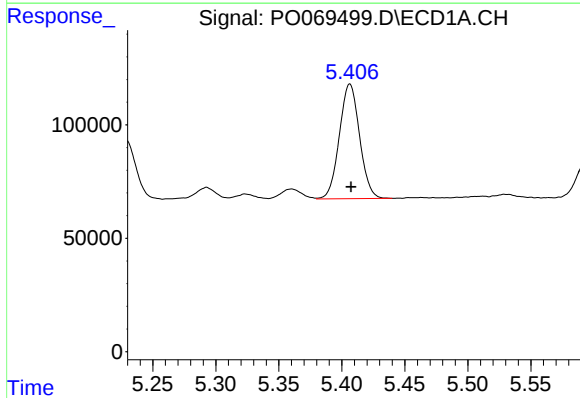
R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 367988
Conc: 452.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



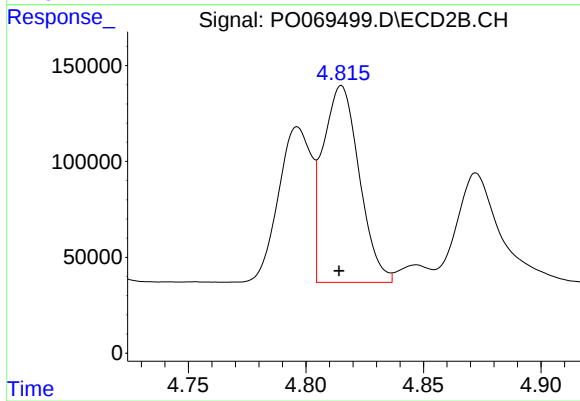
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 363374
Conc: 406.42 ng/ml



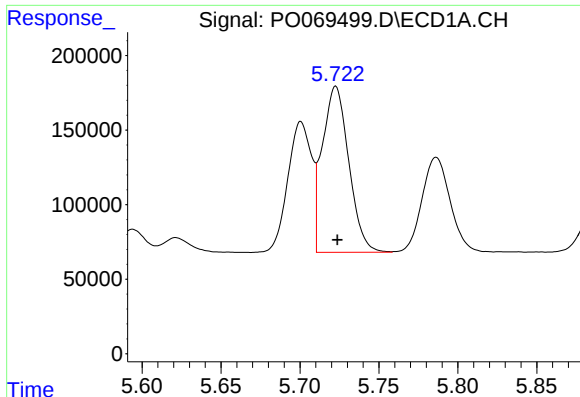
#12 AR-1232-2

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 564631
Conc: 1317.40 ng/ml



#12 AR-1232-2

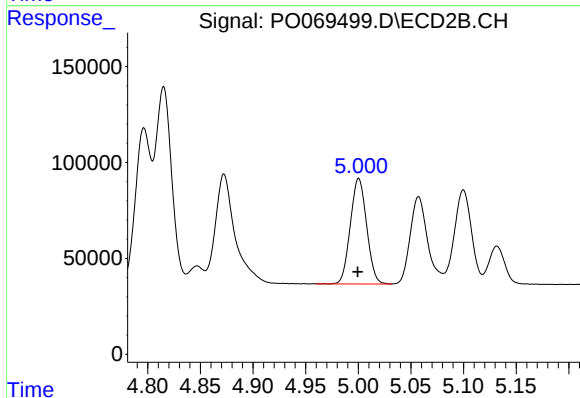
R.T.: 4.815 min
Delta R.T.: 0.001 min
Response: 1101080
Conc: 1138.99 ng/ml



#13 AR-1232-3

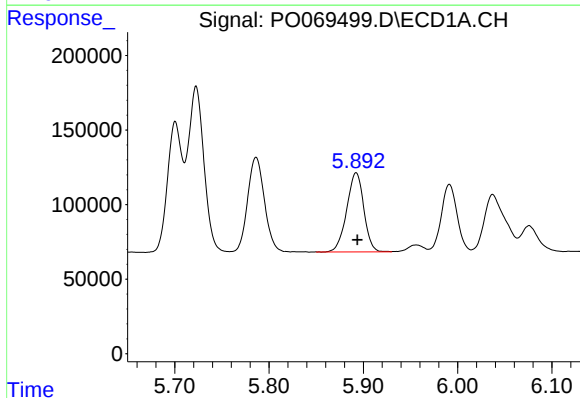
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 1301914
Conc: 1302.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



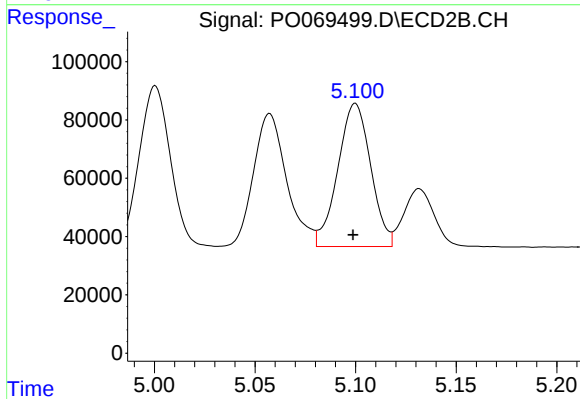
#13 AR-1232-3

R.T.: 5.000 min
Delta R.T.: 0.001 min
Response: 592855
Conc: 1134.70 ng/ml



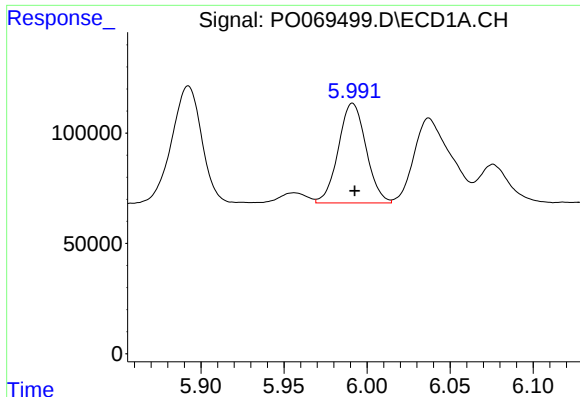
#14 AR-1232-4

R.T.: 5.892 min
Delta R.T.: -0.002 min
Response: 669713
Conc: 1368.76 ng/ml



#14 AR-1232-4

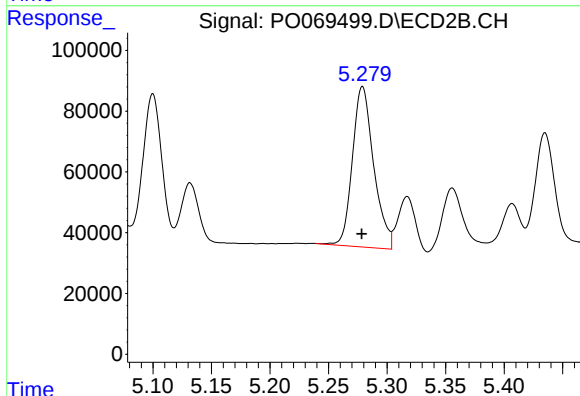
R.T.: 5.100 min
Delta R.T.: 0.001 min
Response: 558579
Conc: 1274.03 ng/ml



#15 AR-1232-5

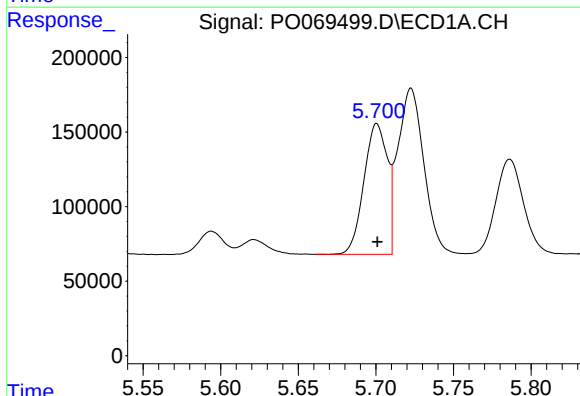
R.T.: 5.991 min
Delta R.T.: -0.001 min
Response: 524861
Conc: 1653.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



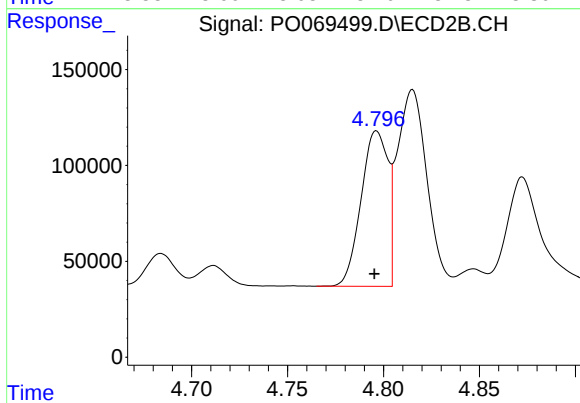
#15 AR-1232-5

R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 668307
Conc: 1277.50 ng/ml



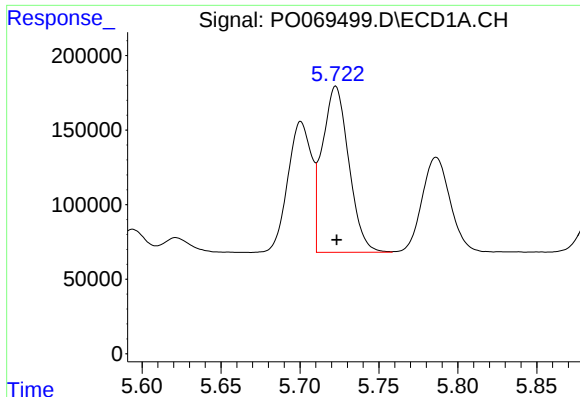
#16 AR-1242-1

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 917795
Conc: 704.16 ng/ml



#16 AR-1242-1

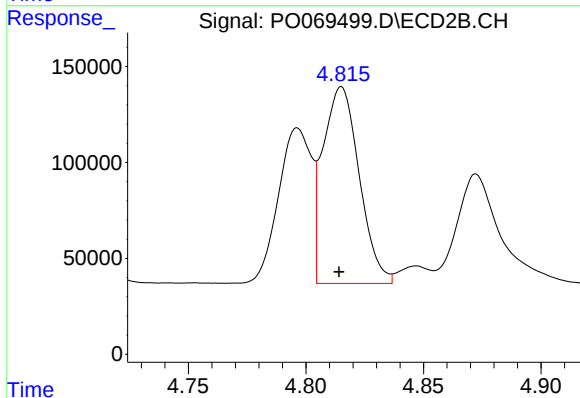
R.T.: 4.796 min
Delta R.T.: 0.001 min
Response: 790030
Conc: 630.07 ng/ml



#17 AR-1242-2

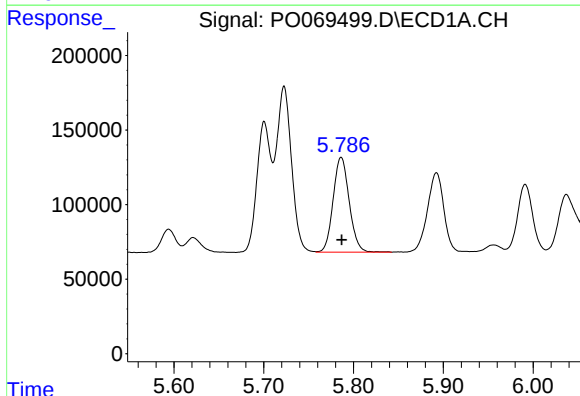
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 1301914
Conc: 691.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



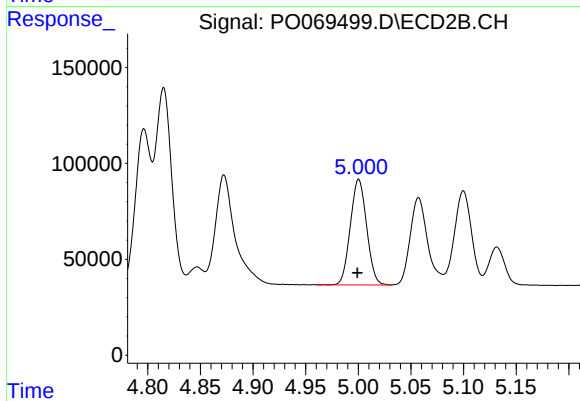
#17 AR-1242-2

R.T.: 4.815 min
Delta R.T.: 0.001 min
Response: 1101080
Conc: 630.22 ng/ml



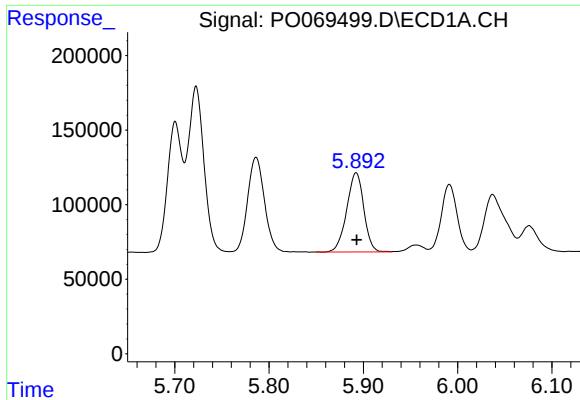
#18 AR-1242-3

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 792891
Conc: 698.20 ng/ml



#18 AR-1242-3

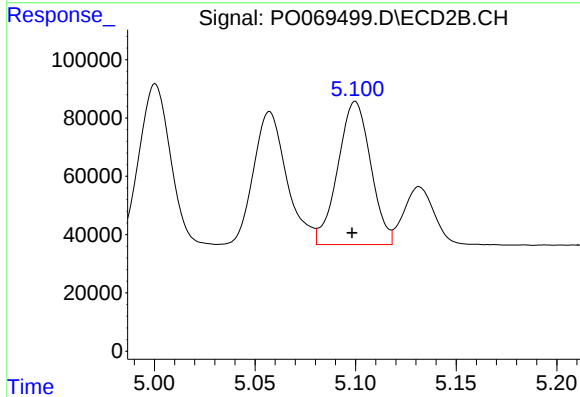
R.T.: 5.000 min
Delta R.T.: 0.001 min
Response: 592855
Conc: 615.84 ng/ml



#19 AR-1242-4

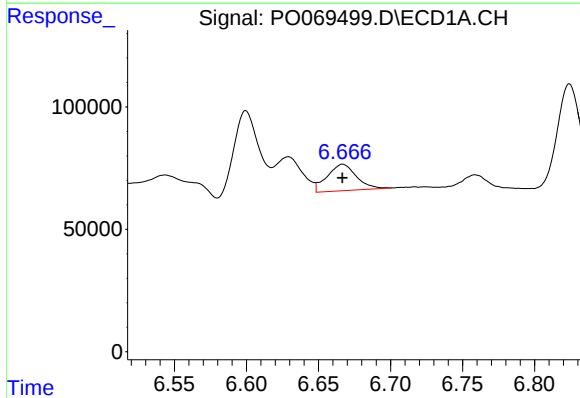
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 669713
Conc: 697.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



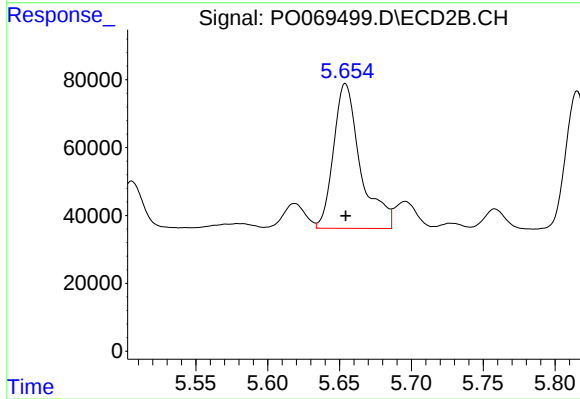
#19 AR-1242-4

R.T.: 5.100 min
Delta R.T.: 0.002 min
Response: 558579
Conc: 617.44 ng/ml



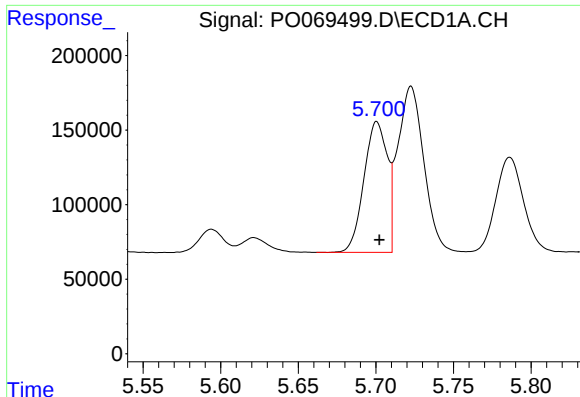
#20 AR-1242-5

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 152577
Conc: 128.53 ng/ml



#20 AR-1242-5

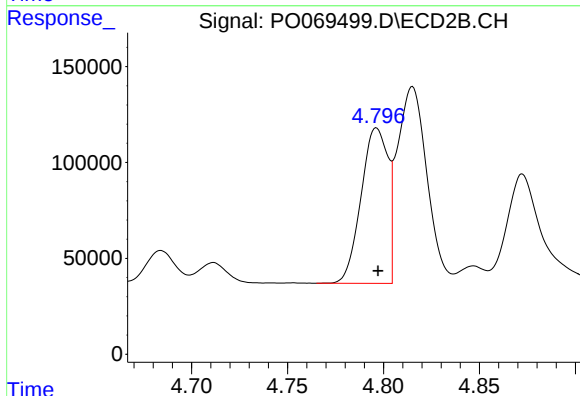
R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 555126
Conc: 437.99 ng/ml



#21 AR-1248-1

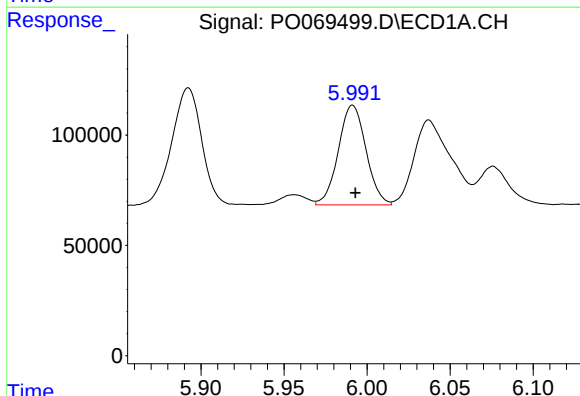
R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 917795
Conc: 939.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



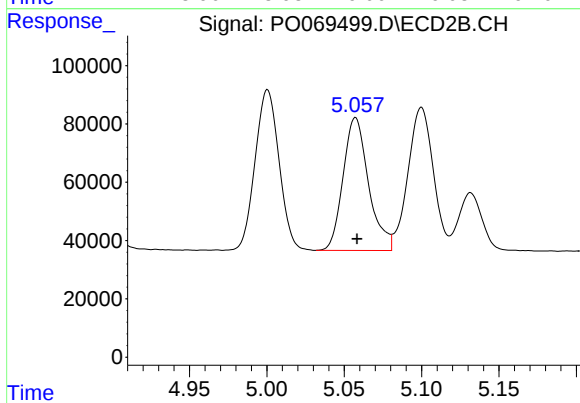
#21 AR-1248-1

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 790030
Conc: 807.27 ng/ml



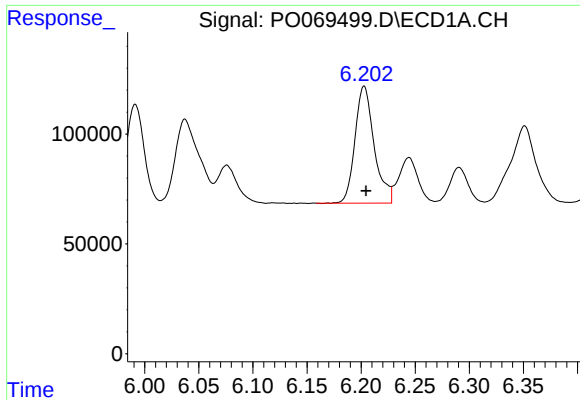
#22 AR-1248-2

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 524861
Conc: 412.23 ng/ml



#22 AR-1248-2

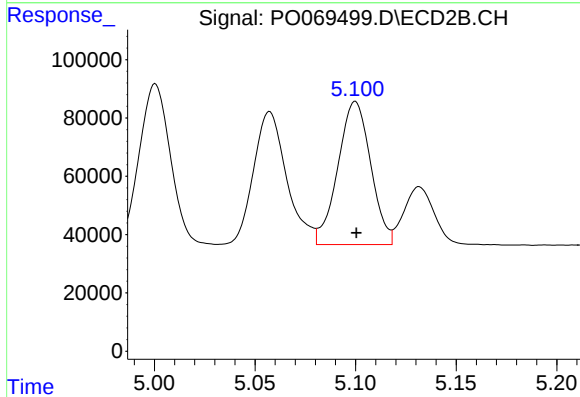
R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 522751
Conc: 383.99 ng/ml



#23 AR-1248-3

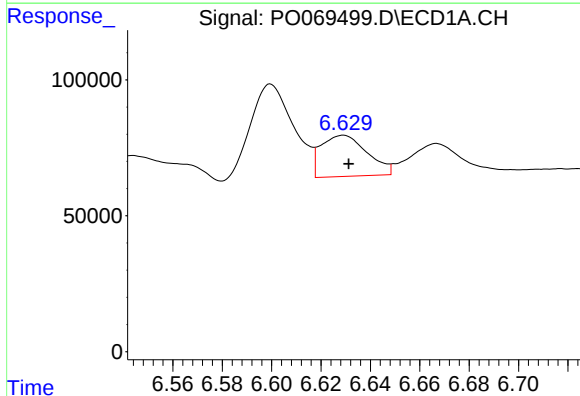
R.T.: 6.203 min
Delta R.T.: -0.002 min
Response: 658469
Conc: 416.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



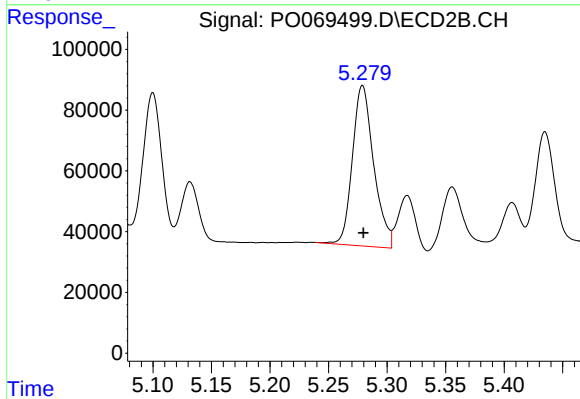
#23 AR-1248-3

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 558579
Conc: 442.29 ng/ml



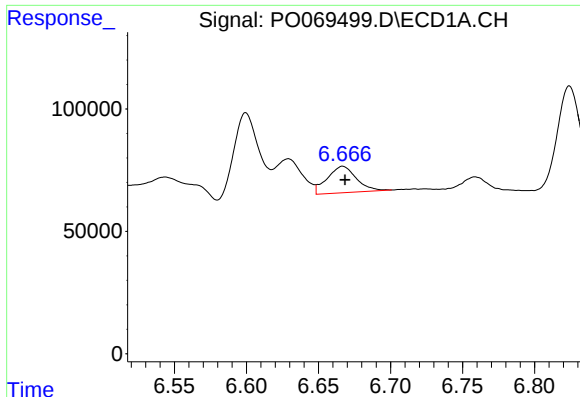
#24 AR-1248-4

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 196812
Conc: 97.00 ng/ml



#24 AR-1248-4

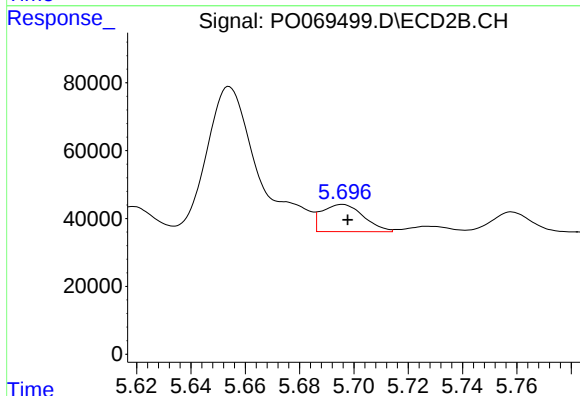
R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 668307
Conc: 411.43 ng/ml



#25 AR-1248-5

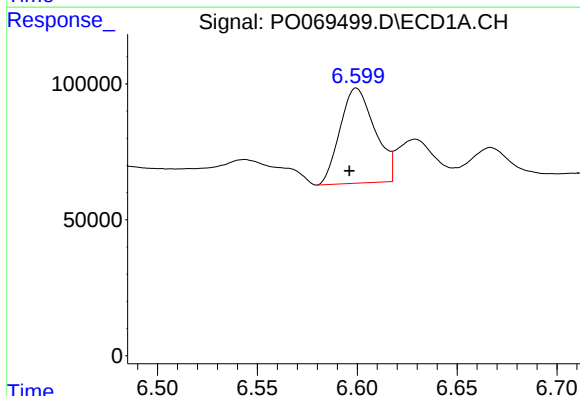
R.T.: 6.667 min
Delta R.T.: -0.001 min
Response: 152577
Conc: 79.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



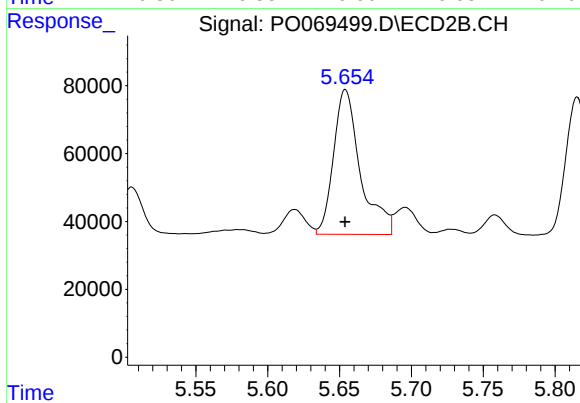
#25 AR-1248-5

R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 84873
Conc: 51.43 ng/ml



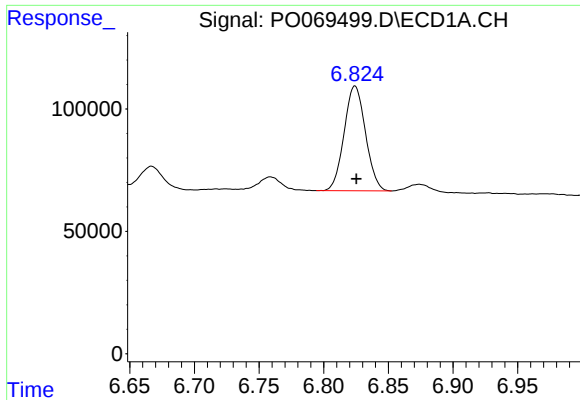
#26 AR-1254-1

R.T.: 6.600 min
Delta R.T.: 0.003 min
Response: 424098
Conc: 213.05 ng/ml



#26 AR-1254-1

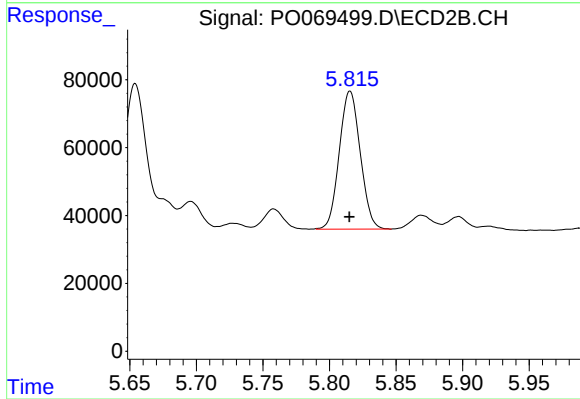
R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 555126
Conc: 213.26 ng/ml



#27 AR-1254-2

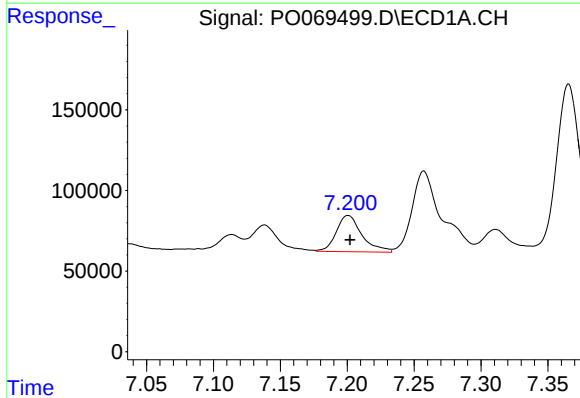
R.T.: 6.824 min
Delta R.T.: -0.001 min
Response: 492569
Conc: 153.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



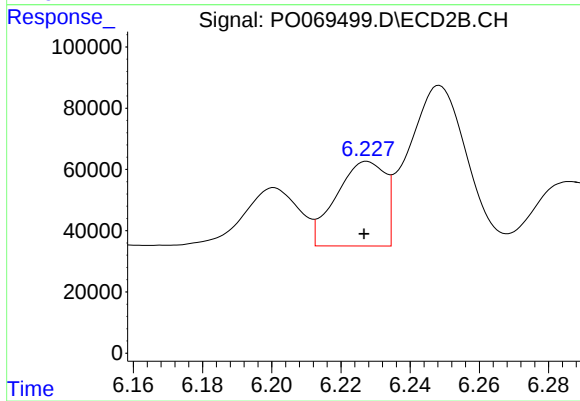
#27 AR-1254-2

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 445836
Conc: 193.12 ng/ml



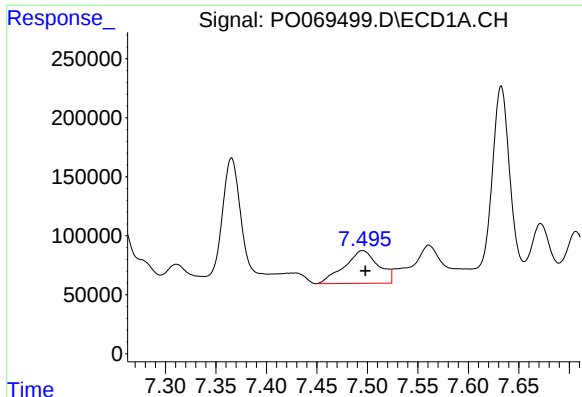
#28 AR-1254-3

R.T.: 7.201 min
Delta R.T.: -0.001 min
Response: 300691
Conc: 85.62 ng/ml



#28 AR-1254-3

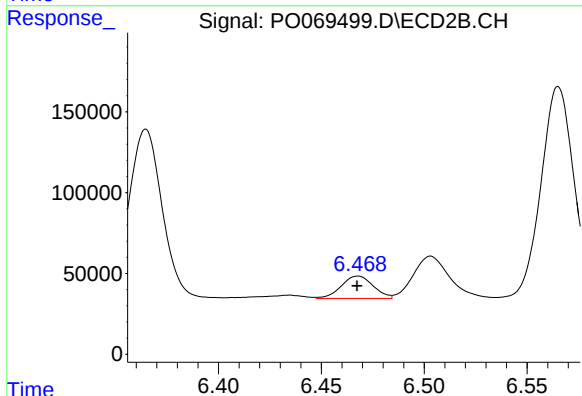
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 270963
Conc: 72.15 ng/ml



#29 AR-1254-4

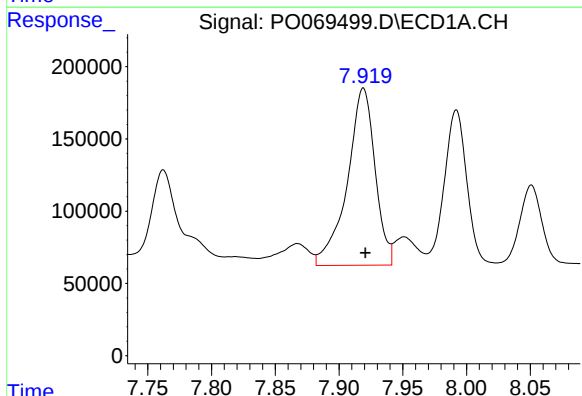
R.T.: 7.495 min
Delta R.T.: -0.003 min
Response: 652334
Conc: 217.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



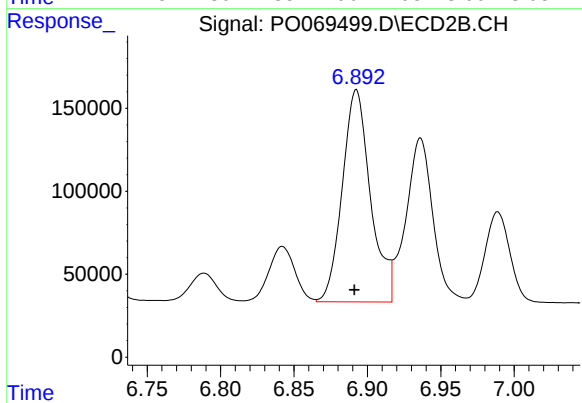
#29 AR-1254-4

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 149584
Conc: 59.19 ng/ml



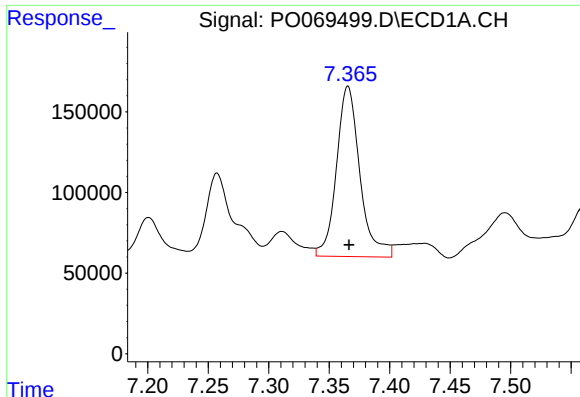
#30 AR-1254-5

R.T.: 7.919 min
Delta R.T.: -0.002 min
Response: 1859732
Conc: 618.10 ng/ml



#30 AR-1254-5

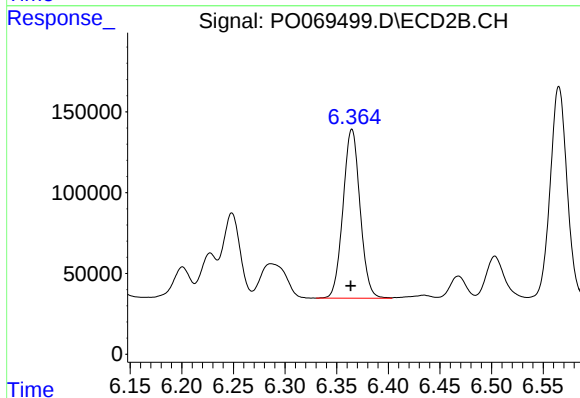
R.T.: 6.893 min
Delta R.T.: 0.001 min
Response: 1711801
Conc: 476.96 ng/ml



#31 AR-1260-1

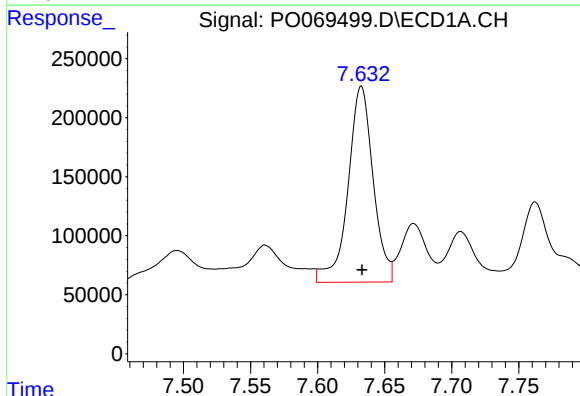
R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 1423152
Conc: 541.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



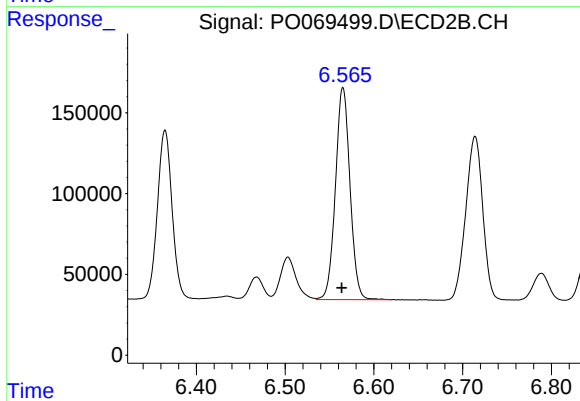
#31 AR-1260-1

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 1201649
Conc: 455.59 ng/ml



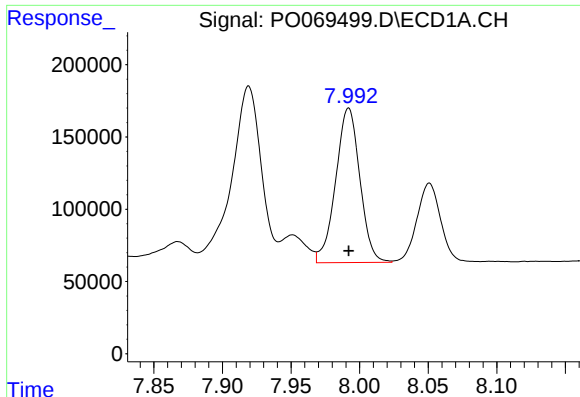
#32 AR-1260-2

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 2165698
Conc: 610.50 ng/ml



#32 AR-1260-2

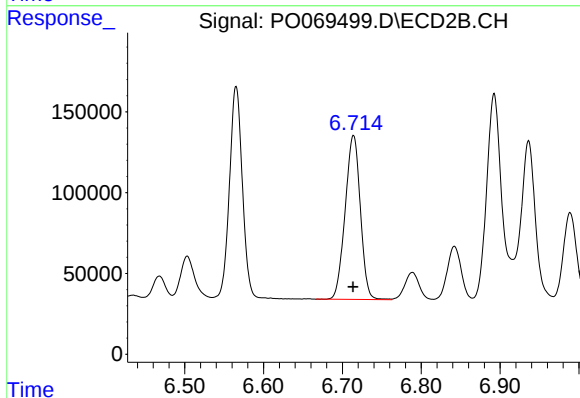
R.T.: 6.565 min
Delta R.T.: 0.001 min
Response: 1494625
Conc: 456.63 ng/ml



#33 AR-1260-3

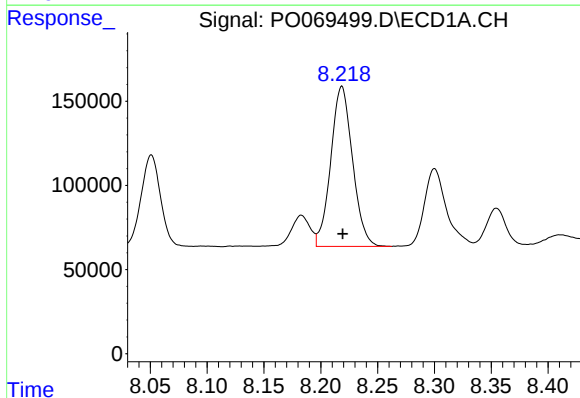
R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 1311003
Conc: 453.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



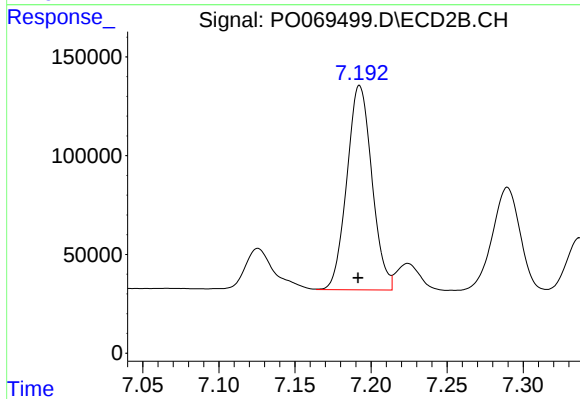
#33 AR-1260-3

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1357917
Conc: 446.00 ng/ml



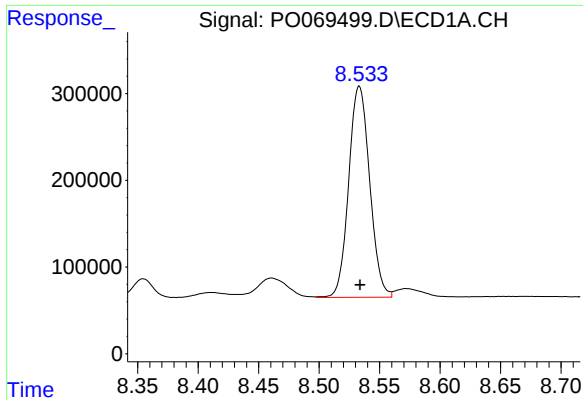
#34 AR-1260-4

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 1268042
Conc: 428.11 ng/ml



#34 AR-1260-4

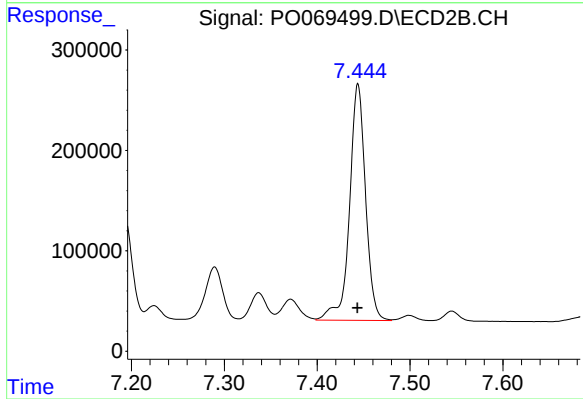
R.T.: 7.193 min
Delta R.T.: 0.001 min
Response: 1186102
Conc: 438.20 ng/ml



#35 AR-1260-5

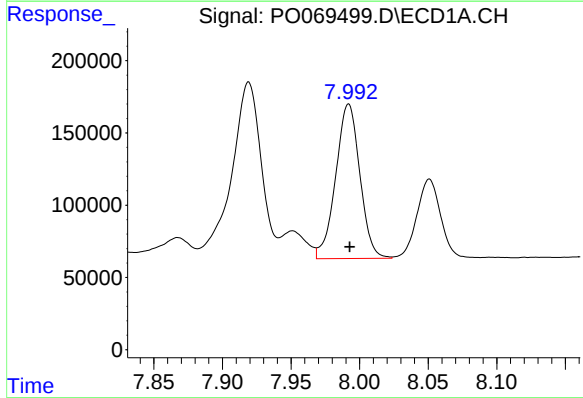
R.T.: 8.533 min
Delta R.T.: 0.000 min
Response: 2938583
Conc: 434.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



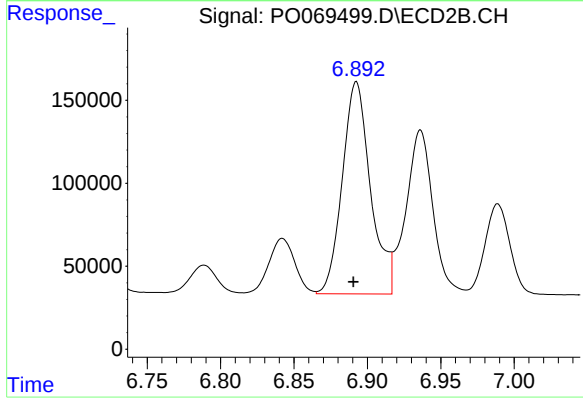
#35 AR-1260-5

R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 2828886
Conc: 441.42 ng/ml



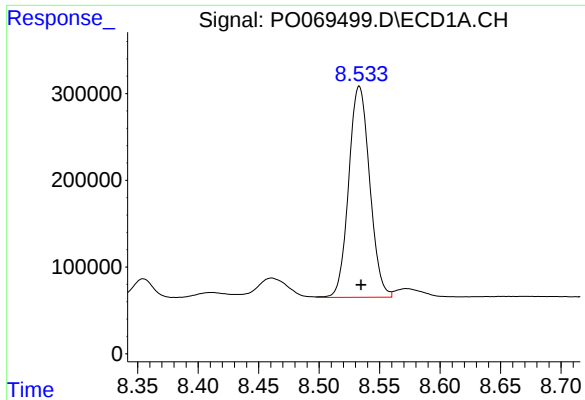
#36 AR-1262-1

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 1311003
Conc: 329.44 ng/ml



#36 AR-1262-1

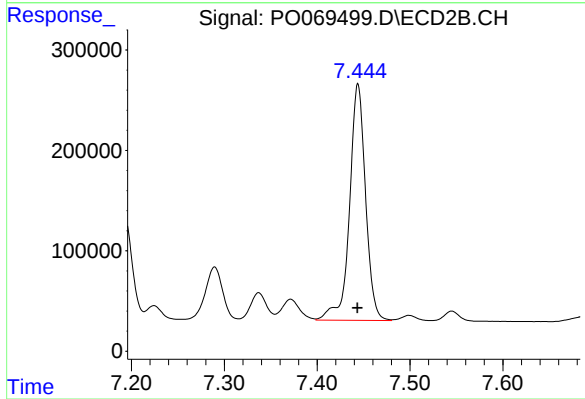
R.T.: 6.893 min
Delta R.T.: 0.002 min
Response: 1711801
Conc: 886.48 ng/ml



#37 AR-1262-2

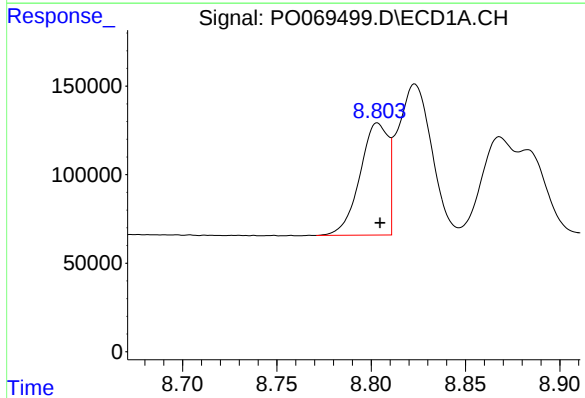
R.T.: 8.533 min
Delta R.T.: -0.002 min
Response: 2938583
Conc: 407.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



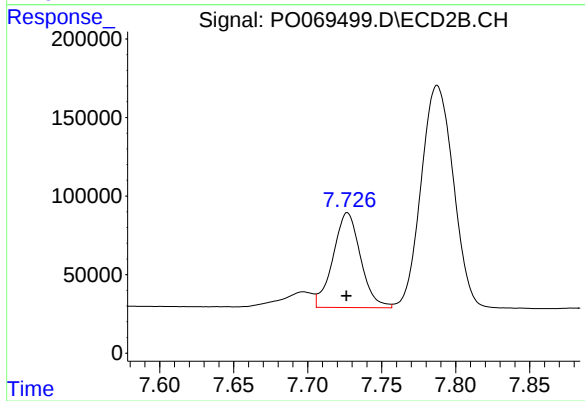
#37 AR-1262-2

R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 2828886
Conc: 433.26 ng/ml



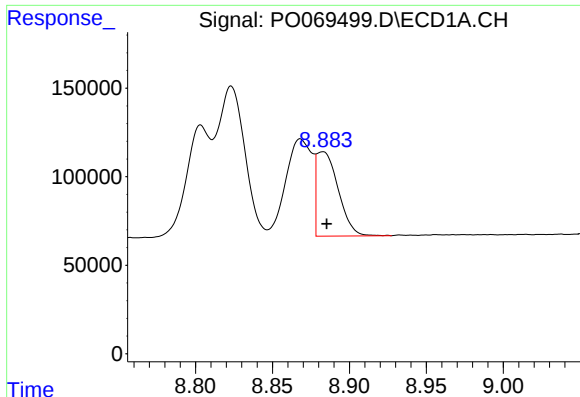
#38 AR-1262-3

R.T.: 8.803 min
Delta R.T.: -0.001 min
Response: 658614
Conc: 137.55 ng/ml



#38 AR-1262-3

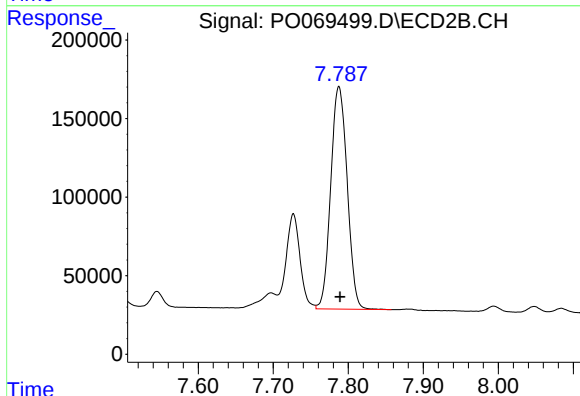
R.T.: 7.727 min
Delta R.T.: 0.000 min
Response: 779803
Conc: 289.35 ng/ml



#39 AR-1262-4

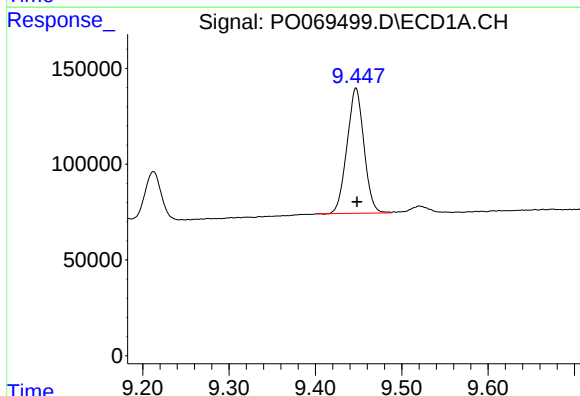
R.T.: 8.883 min
Delta R.T.: -0.003 min
Response: 470578
Conc: 242.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



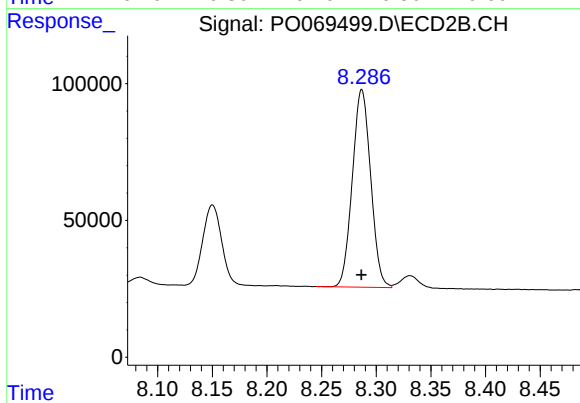
#39 AR-1262-4

R.T.: 7.788 min
Delta R.T.: -0.002 min
Response: 2157300
Conc: 433.27 ng/ml



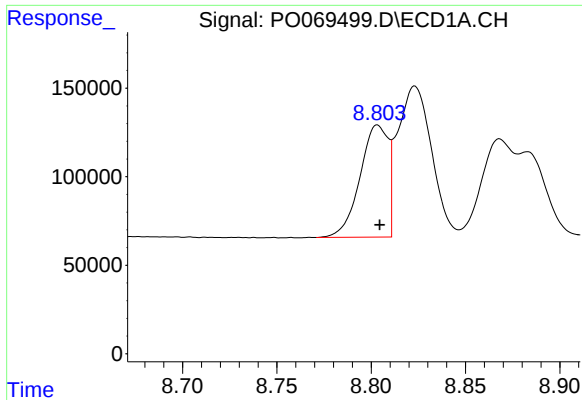
#40 AR-1262-5

R.T.: 9.447 min
Delta R.T.: -0.001 min
Response: 891758
Conc: 341.92 ng/ml



#40 AR-1262-5

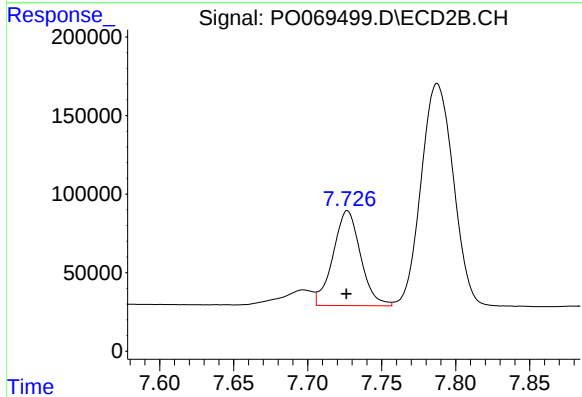
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 843572
Conc: 339.48 ng/ml



#41 AR-1268-1

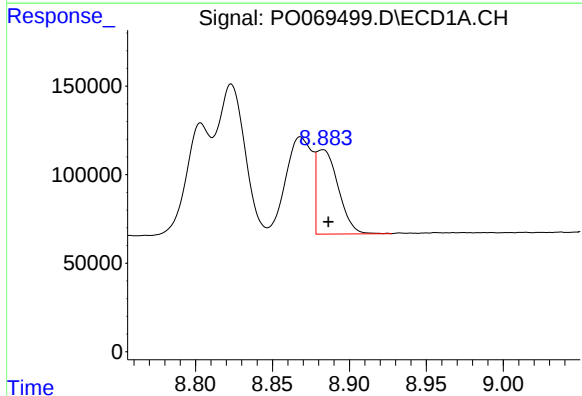
R.T.: 8.803 min
Delta R.T.: -0.001 min
Response: 658614
Conc: 71.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



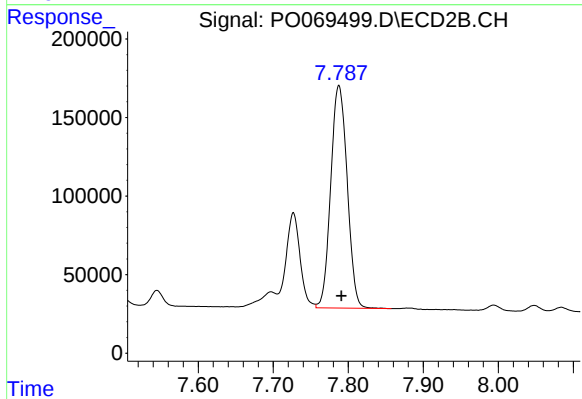
#41 AR-1268-1

R.T.: 7.727 min
Delta R.T.: 0.000 min
Response: 779803
Conc: 99.62 ng/ml



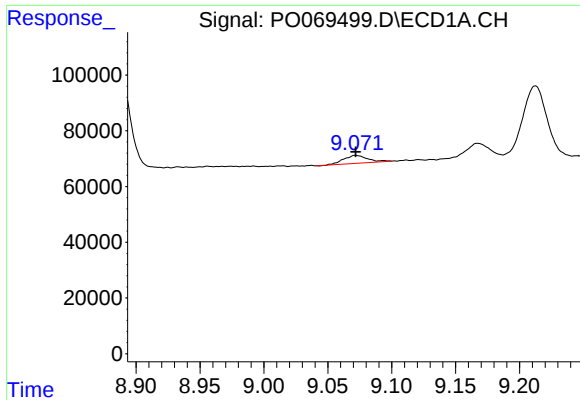
#42 AR-1268-2

R.T.: 8.883 min
Delta R.T.: -0.004 min
Response: 470578
Conc: 56.77 ng/ml



#42 AR-1268-2

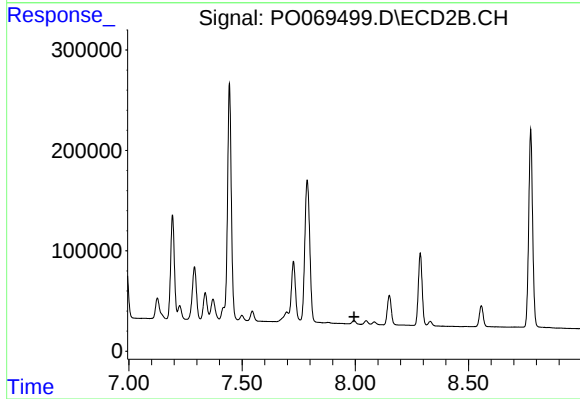
R.T.: 7.788 min
Delta R.T.: -0.004 min
Response: 2157300
Conc: 302.02 ng/ml



#43 AR-1268-3

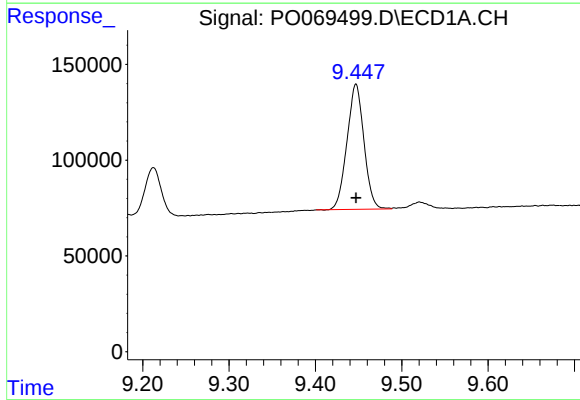
R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 37084
Conc: 5.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



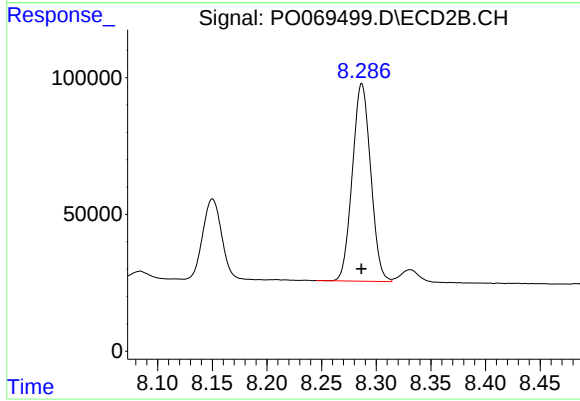
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.994 min
Response: 0
Conc: N.D.



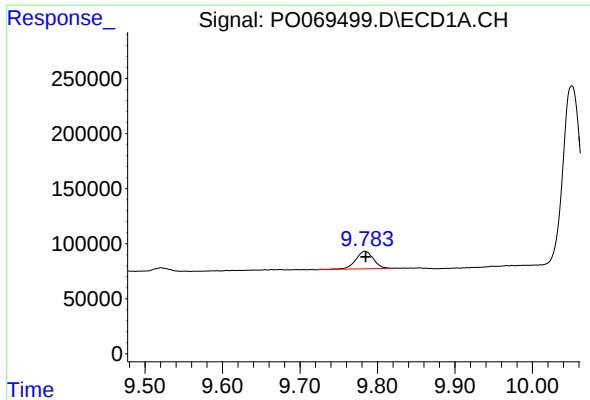
#44 AR-1268-4

R.T.: 9.447 min
Delta R.T.: 0.000 min
Response: 891758
Conc: 294.22 ng/ml



#44 AR-1268-4

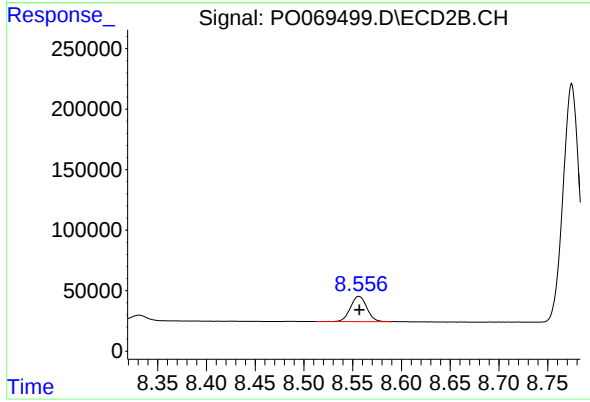
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 843572
Conc: 291.69 ng/ml



#45 AR-1268-5

R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 252688
Conc: 11.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.556 min
Delta R.T.: 0.000 min
Response: 243096
Conc: 12.61 ng/ml