

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062220\
 Data File : P0069091.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jun 2020 15:37
 Operator : DD\AJ
 Sample : PB129672BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 19:43:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 19 05:15:02 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...	4.404	3.564	689534	822553	23.308	21.371
2)	SA Decachlor...	10.069	8.772	983753	1184785	20.712	21.765
Target Compounds							
3)	L1 AR-1016-1	5.712	4.795	311504	337202	240.681	223.062
4)	L1 AR-1016-2	5.734	4.814	443592	456851	241.697	215.462
5)	L1 AR-1016-3	5.798	4.999	270655	248437	241.977	220.476
6)	L1 AR-1016-4	5.903	5.056	222199	214352	236.964	218.097
7)	L1 AR-1016-5	6.214	5.277	219918	262571	218.203	215.714
9)	L2 AR-1221-2	0.000	3.912	0	41324	N.D.	120.497 #
10)	L2 AR-1221-3	4.841	3.999	137747	160368	157.258	149.302
11)	L3 AR-1232-1	4.841	3.999	137747	160368	188.855	182.097
12)	L3 AR-1232-2	5.417	4.814	199154	456851	481.110	499.094
13)	L3 AR-1232-3	5.734	4.999	443592	248437	539.507	506.675
14)	L3 AR-1232-4	5.903	5.098	222199	234843	536.154	555.209
15)	L3 AR-1232-5	6.003	5.277	176318	262571	621.588	536.829
16)	L4 AR-1242-1	5.712	4.795	311504	337202	313.159	304.832
17)	L4 AR-1242-2	5.734	4.814	443592	456851	319.835	298.640
18)	L4 AR-1242-3	5.798	4.999	270655	248437	313.785	298.636
19)	L4 AR-1242-4	5.903	5.098	222199	234843	309.327	295.633
20)	L4 AR-1242-5	0.000	5.652	0	206605	N.D.	185.650 #
21)	L5 AR-1248-1	5.712	4.795	311504	337202	399.573	389.867
22)	L5 AR-1248-2	6.003	5.056	176318	214352	172.430	177.686
23)	L5 AR-1248-3	6.214	5.098	219918	234843	177.765	207.560
24)	L5 AR-1248-4	6.607	5.277	146889	262571	97.668	181.581 #
25)	L5 AR-1248-5	0.000	5.652	0	206605	N.D.	142.810 #
26)	L6 AR-1254-1	6.607	5.652	146889	206605	96.959	87.876
27)	L6 AR-1254-2	6.836	5.814	191890	212198	80.004	100.614 #
28)	L6 AR-1254-3	7.213	6.226	102284	114174	38.526	33.112
29)	L6 AR-1254-4	7.504	6.465	72236	46336	33.874	19.870 #
30)	L6 AR-1254-5	7.930	6.890	686372	832067	306.212	256.995
31)	L7 AR-1260-1	7.377	6.362	454365	547401	238.083	233.937
32)	L7 AR-1260-2	7.644	6.563	564893	678268	241.354	238.279
33)	L7 AR-1260-3	8.004	6.712	359886	632322	202.575	235.101
34)	L7 AR-1260-4	8.231	7.190	421123	491818	201.934	205.277
35)	L7 AR-1260-5	8.545	7.441	877772	1151766	199.701	198.807
36)	L8 AR-1262-1	8.004	6.890	359886	832067	141.912	474.900 #
37)	L8 AR-1262-2	8.545	7.441	877772	1151766	182.773	190.464
38)	L8 AR-1262-3	8.880	7.724	-7697	261431	N.D.	105.328 #
39)	L8 AR-1262-4	8.880	7.784	-7697	890092	N.D.	192.026 #
40)	L8 AR-1262-5	9.461	8.284	300572	301314	167.519	129.683
41)	L9 AR-1268-1	8.880	7.724	-7697	261431	N.D.	35.870 #
42)	L9 AR-1268-2	8.880	7.784	-7697	890092	N.D.	133.098 #

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 ALS Vial : 15 Sample Multiplier: 1

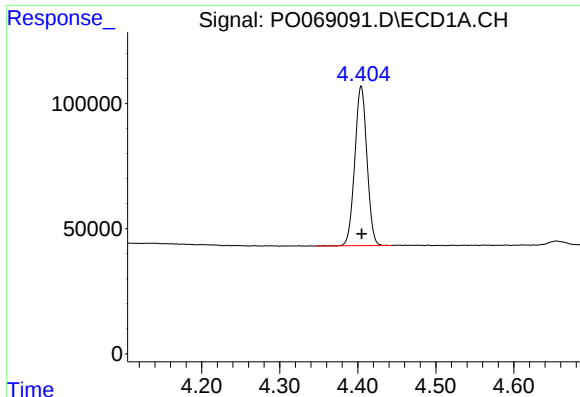
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
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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
44) L9	AR-1268-4	9.461	8.284	300572	301314	143.438	111.896
45) L9	AR-1268-5	9.801	8.554	142149	103955	8.396	5.702 #

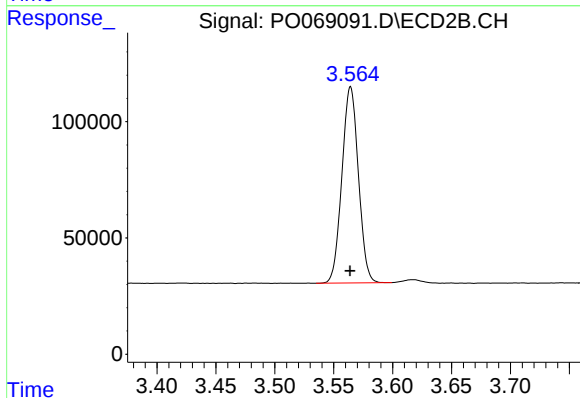
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

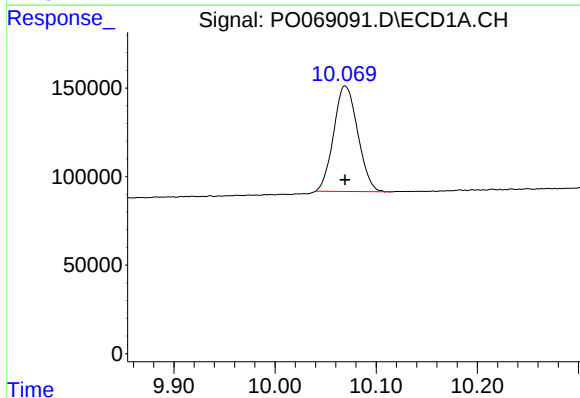
R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 689534
Conc: 23.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



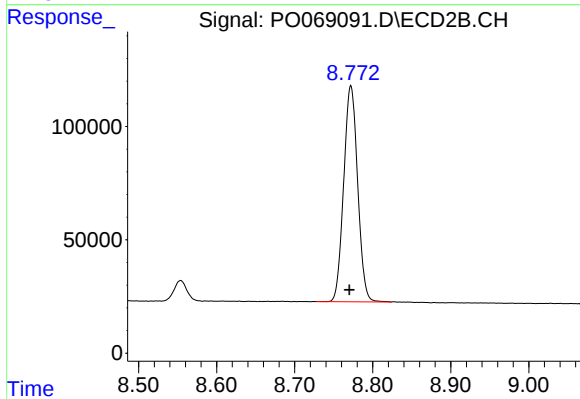
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.000 min
Response: 822553
Conc: 21.37 ng/ml



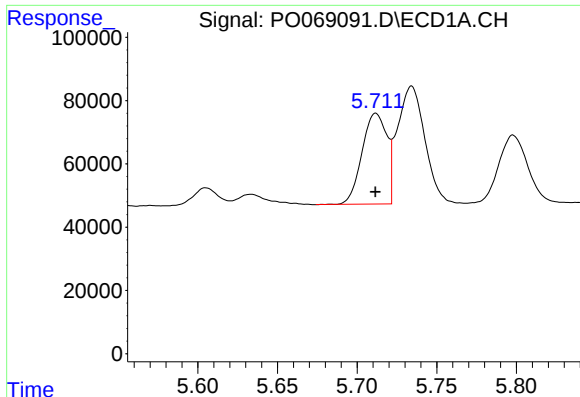
#2 Decachlorobiphenyl

R.T.: 10.069 min
Delta R.T.: 0.000 min
Response: 983753
Conc: 20.71 ng/ml



#2 Decachlorobiphenyl

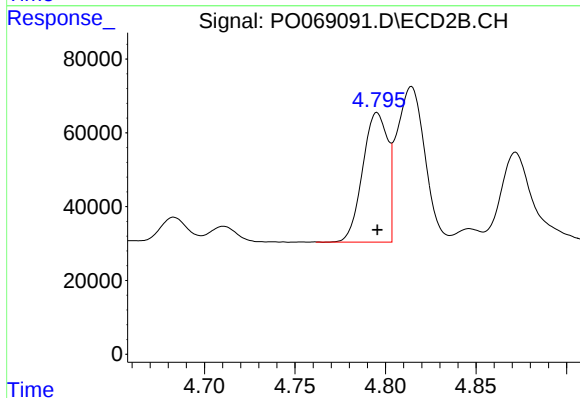
R.T.: 8.772 min
Delta R.T.: 0.002 min
Response: 1184785
Conc: 21.76 ng/ml



#3 AR-1016-1

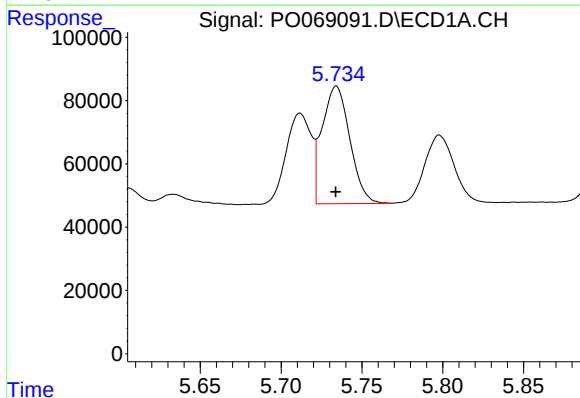
R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 311504
Conc: 240.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



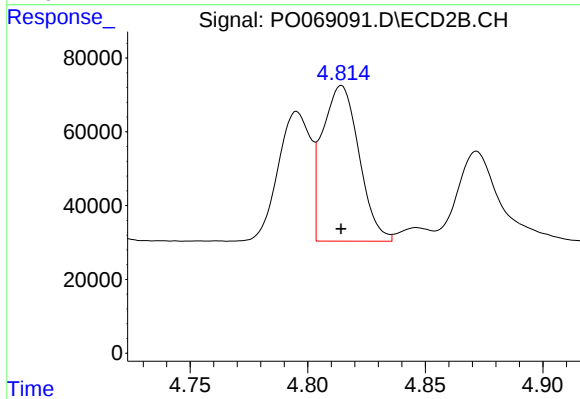
#3 AR-1016-1

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 337202
Conc: 223.06 ng/ml



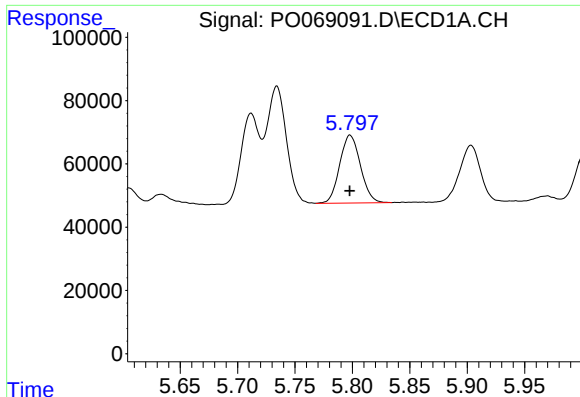
#4 AR-1016-2

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 443592
Conc: 241.70 ng/ml



#4 AR-1016-2

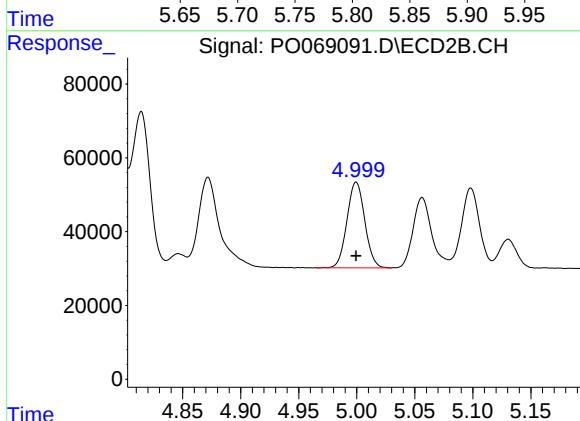
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 456851
Conc: 215.46 ng/ml



#5 AR-1016-3

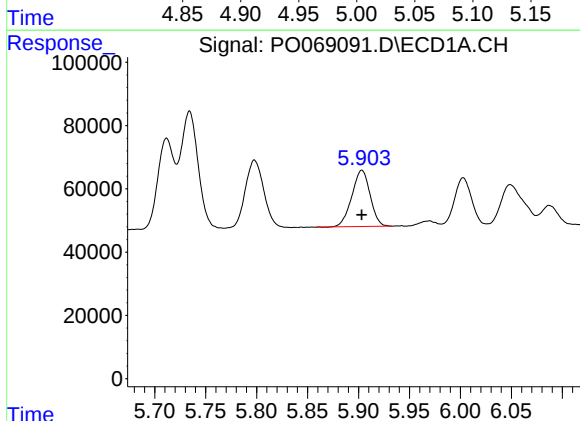
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 270655
Conc: 241.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



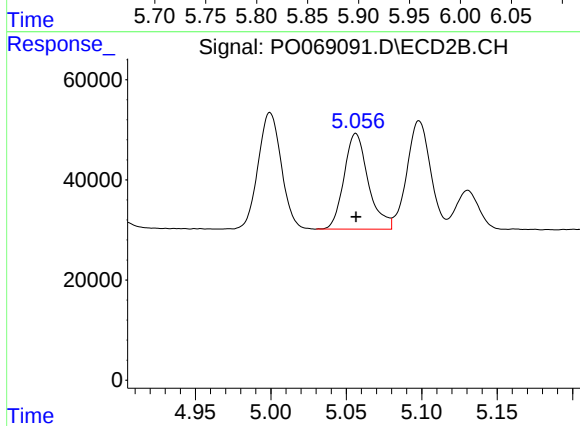
#5 AR-1016-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 248437
Conc: 220.48 ng/ml



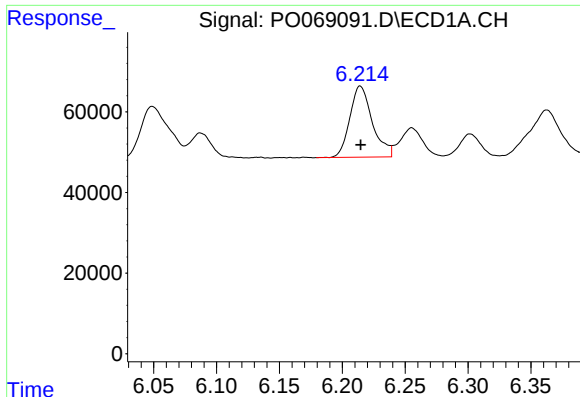
#6 AR-1016-4

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 222199
Conc: 236.96 ng/ml



#6 AR-1016-4

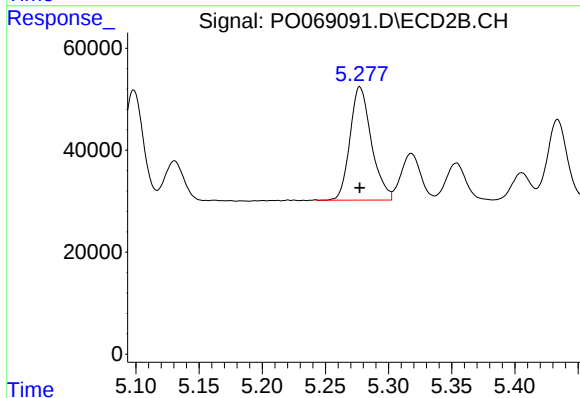
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 214352
Conc: 218.10 ng/ml



#7 AR-1016-5

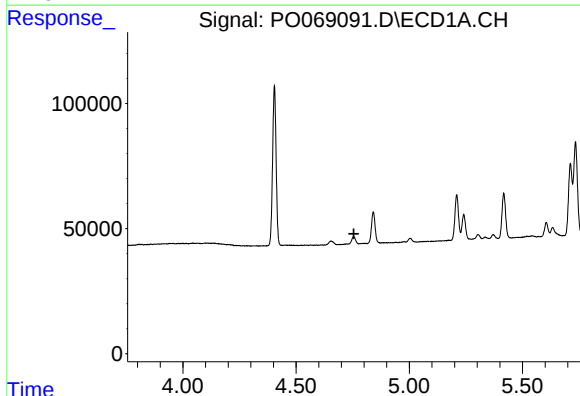
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 219918
Conc: 218.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



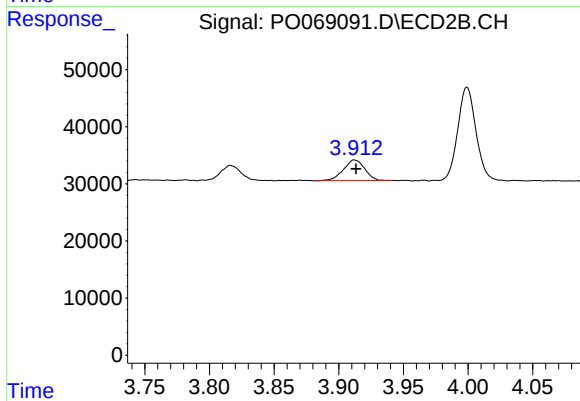
#7 AR-1016-5

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 262571
Conc: 215.71 ng/ml



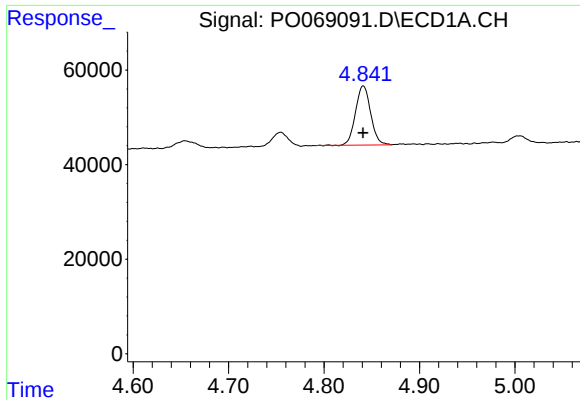
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.755 min
Response: 0
Conc: N.D.



#9 AR-1221-2

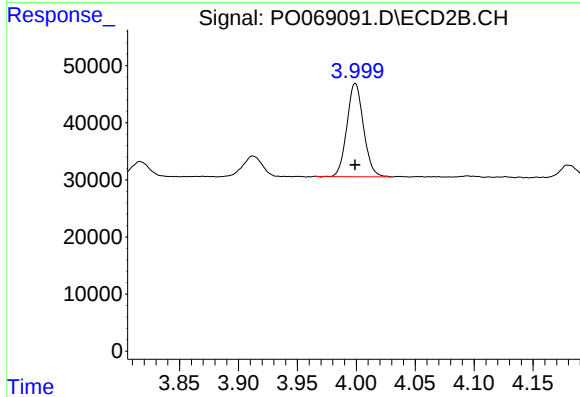
R.T.: 3.912 min
Delta R.T.: -0.001 min
Response: 41324
Conc: 120.50 ng/ml



#10 AR-1221-3

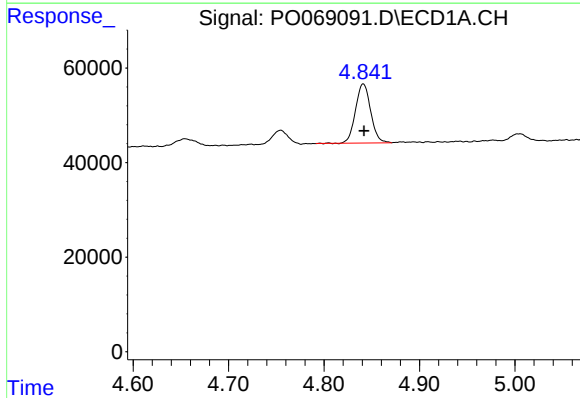
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 137747
Conc: 157.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



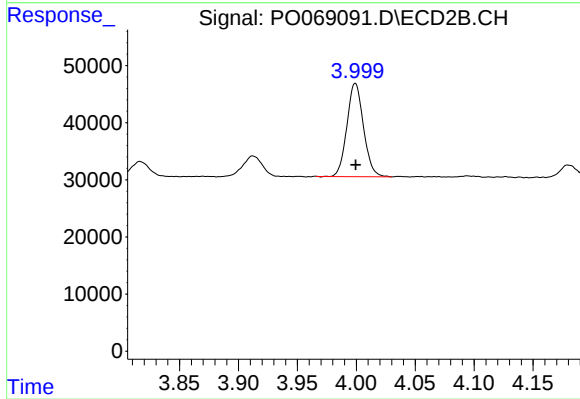
#10 AR-1221-3

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 160368
Conc: 149.30 ng/ml



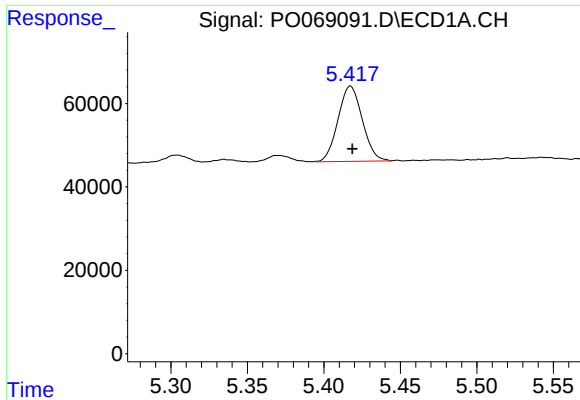
#11 AR-1232-1

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 137747
Conc: 188.86 ng/ml



#11 AR-1232-1

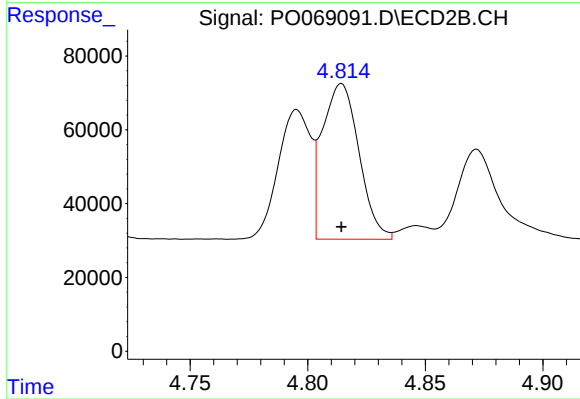
R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 160368
Conc: 182.10 ng/ml



#12 AR-1232-2

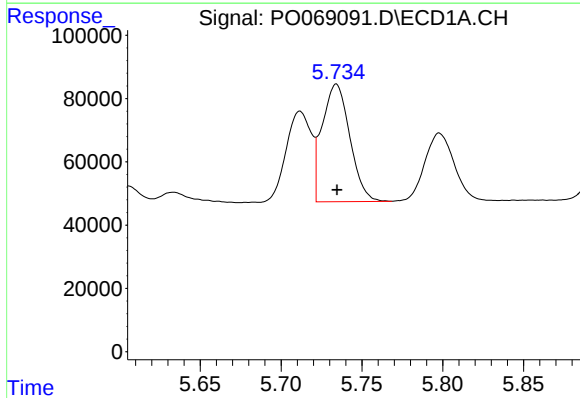
R.T.: 5.417 min
Delta R.T.: -0.001 min
Response: 199154
Conc: 481.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



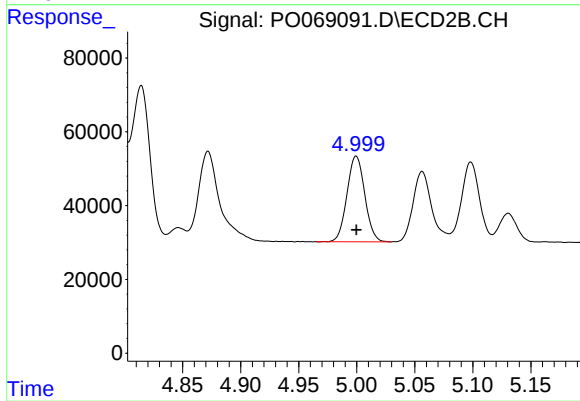
#12 AR-1232-2

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 456851
Conc: 499.09 ng/ml



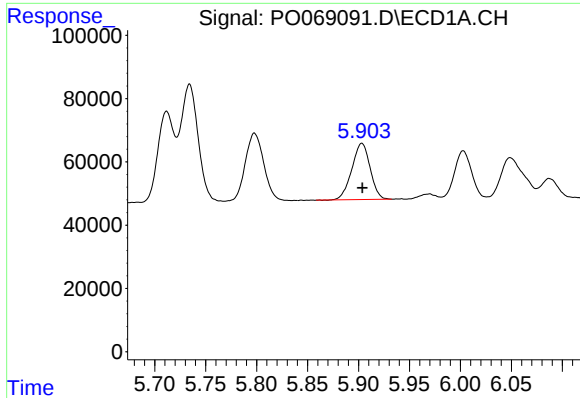
#13 AR-1232-3

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 443592
Conc: 539.51 ng/ml



#13 AR-1232-3

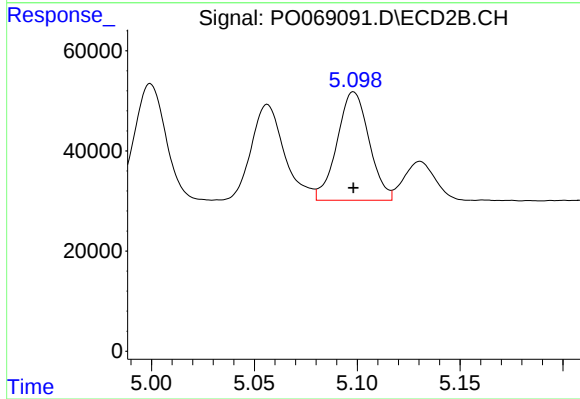
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 248437
Conc: 506.68 ng/ml



#14 AR-1232-4

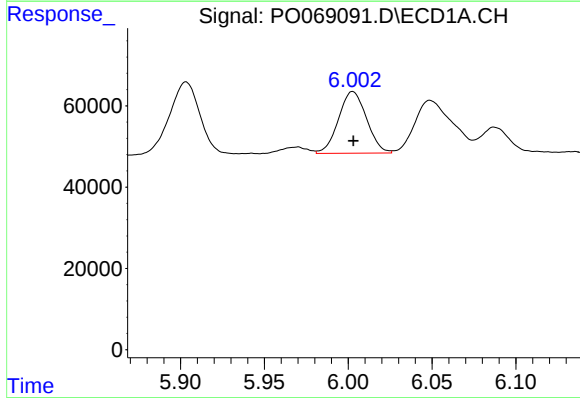
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 222199
Conc: 536.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



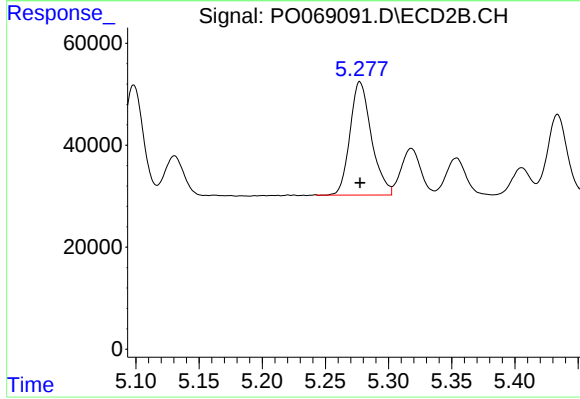
#14 AR-1232-4

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 234843
Conc: 555.21 ng/ml



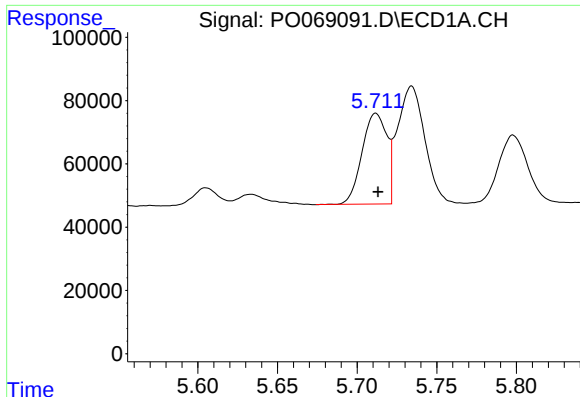
#15 AR-1232-5

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 176318
Conc: 621.59 ng/ml



#15 AR-1232-5

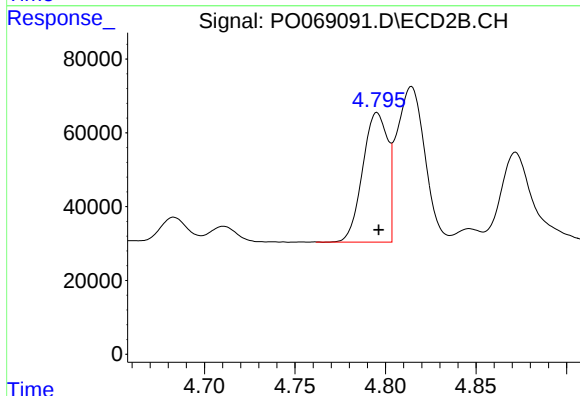
R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 262571
Conc: 536.83 ng/ml



#16 AR-1242-1

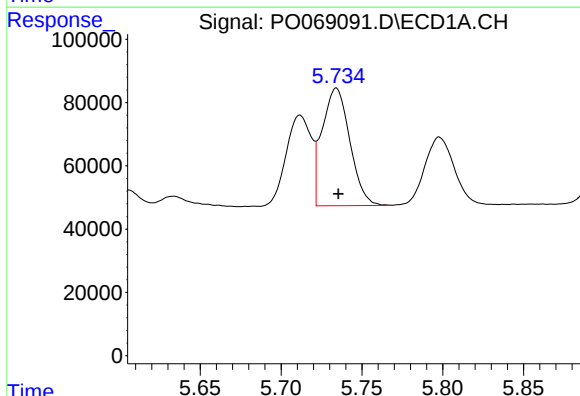
R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 311504
Conc: 313.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



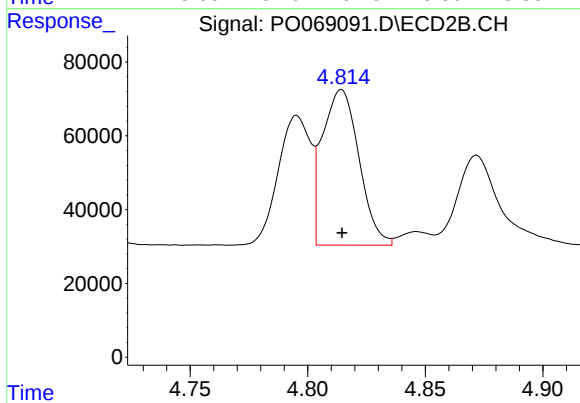
#16 AR-1242-1

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 337202
Conc: 304.83 ng/ml



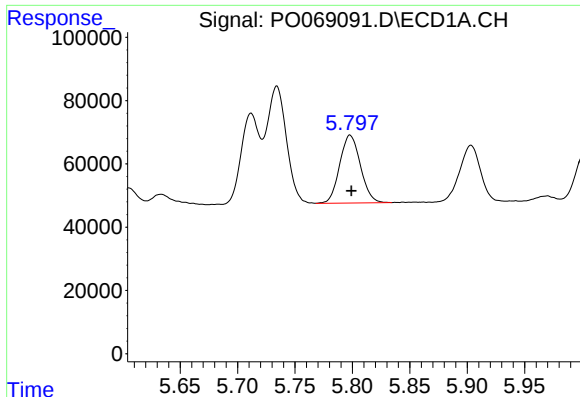
#17 AR-1242-2

R.T.: 5.734 min
Delta R.T.: -0.001 min
Response: 443592
Conc: 319.83 ng/ml



#17 AR-1242-2

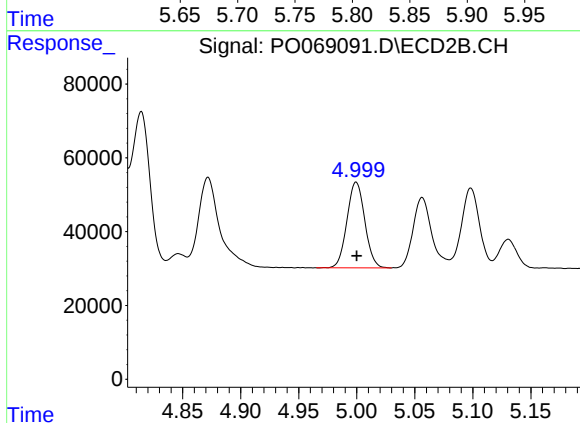
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 456851
Conc: 298.64 ng/ml



#18 AR-1242-3

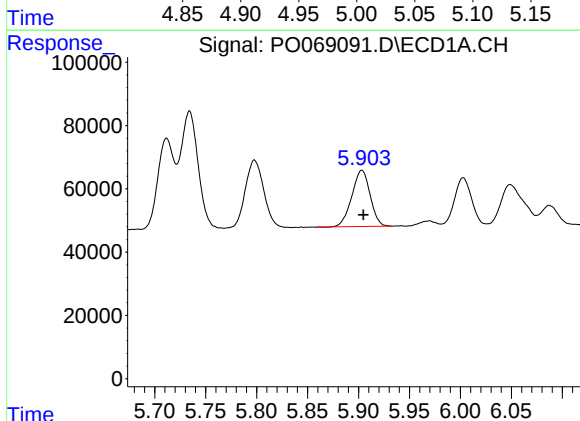
R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 270655
Conc: 313.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



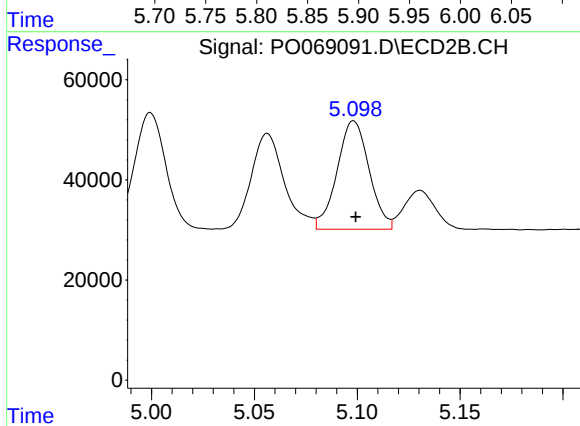
#18 AR-1242-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 248437
Conc: 298.64 ng/ml



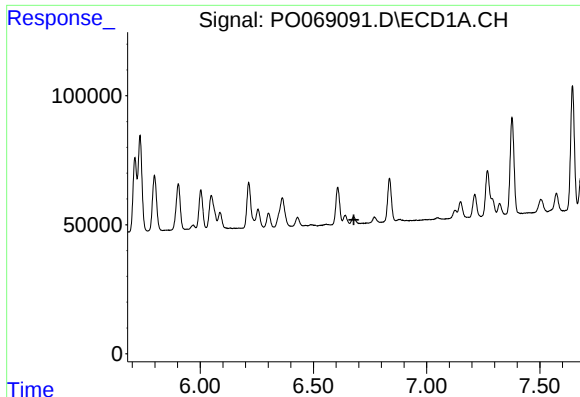
#19 AR-1242-4

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 222199
Conc: 309.33 ng/ml



#19 AR-1242-4

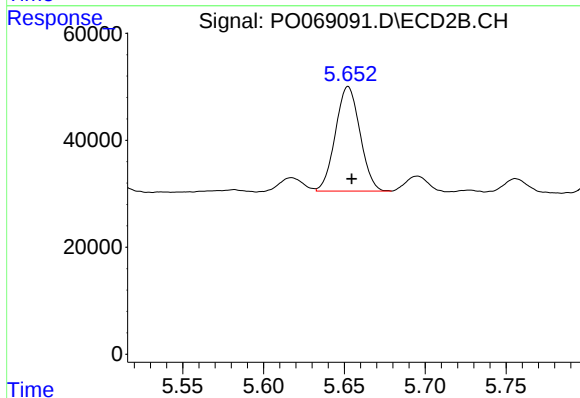
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 234843
Conc: 295.63 ng/ml



#20 AR-1242-5

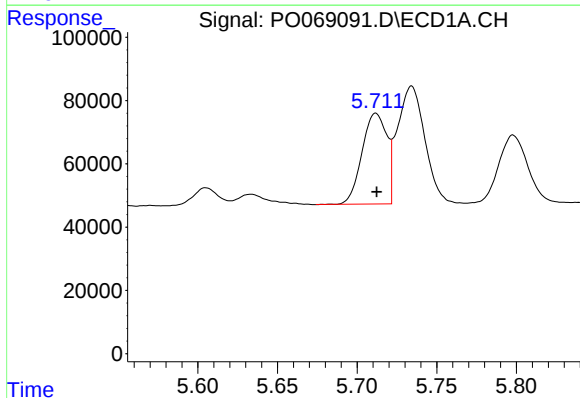
R.T.: 0.000 min
Exp R.T.: 6.679 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



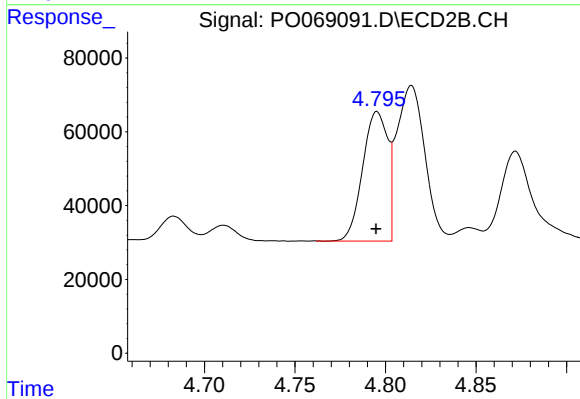
#20 AR-1242-5

R.T.: 5.652 min
Delta R.T.: -0.002 min
Response: 206605
Conc: 185.65 ng/ml



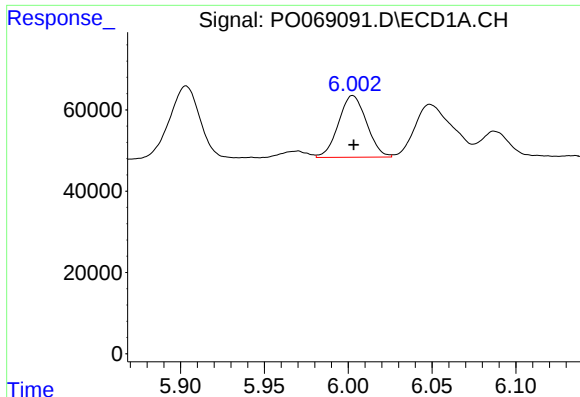
#21 AR-1248-1

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 311504
Conc: 399.57 ng/ml



#21 AR-1248-1

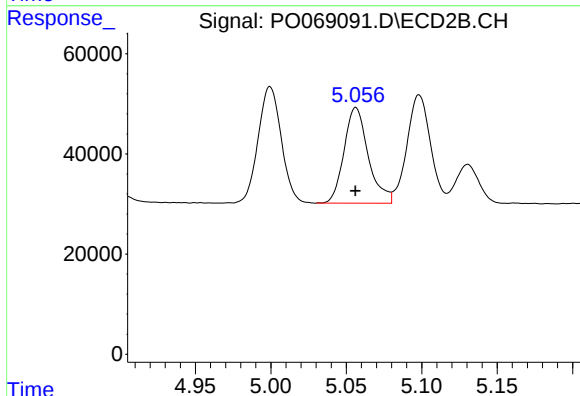
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 337202
Conc: 389.87 ng/ml



#22 AR-1248-2

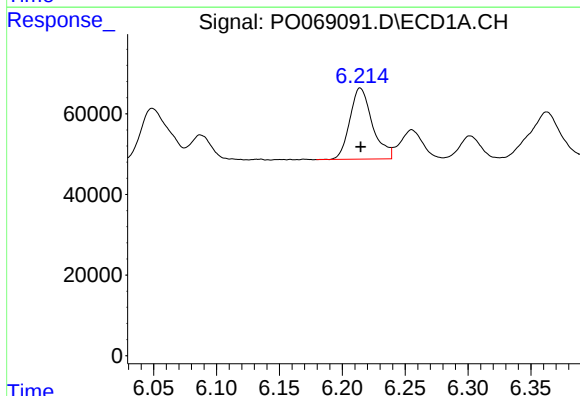
R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 176318
Conc: 172.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



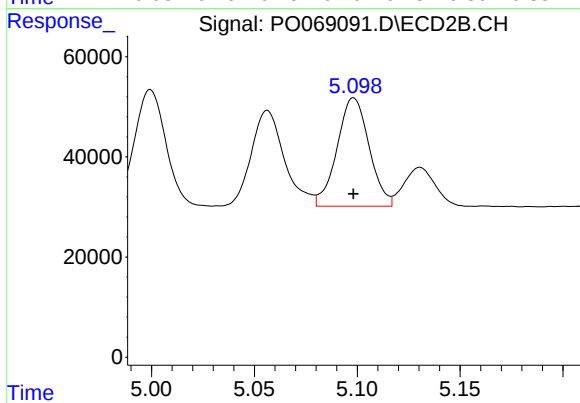
#22 AR-1248-2

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 214352
Conc: 177.69 ng/ml



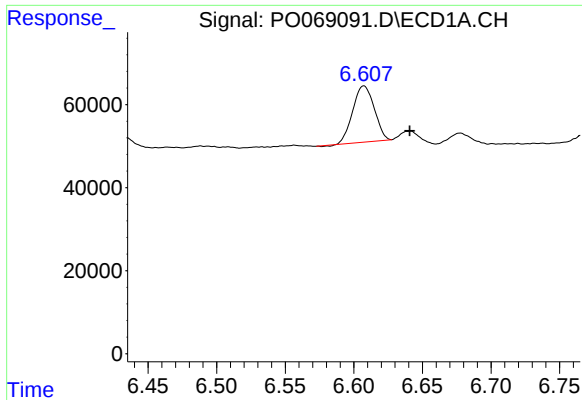
#23 AR-1248-3

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 219918
Conc: 177.77 ng/ml



#23 AR-1248-3

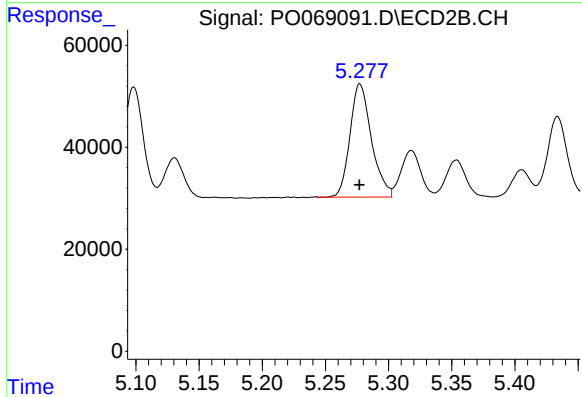
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 234843
Conc: 207.56 ng/ml



#24 AR-1248-4

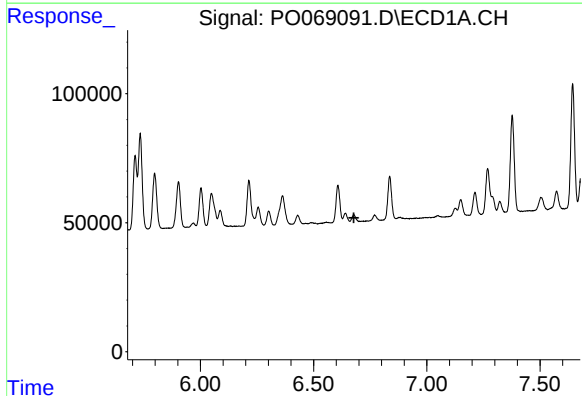
R.T.: 6.607 min
Delta R.T.: -0.033 min
Response: 146889
Conc: 97.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



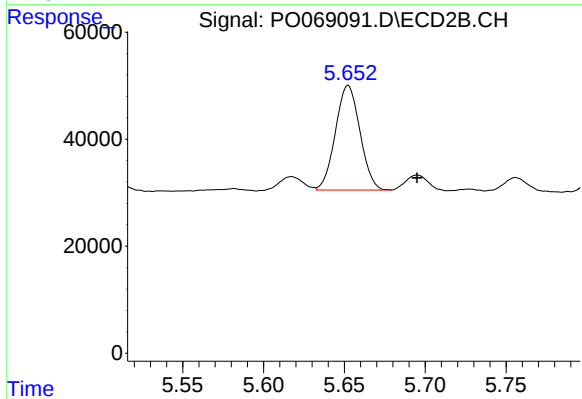
#24 AR-1248-4

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 262571
Conc: 181.58 ng/ml



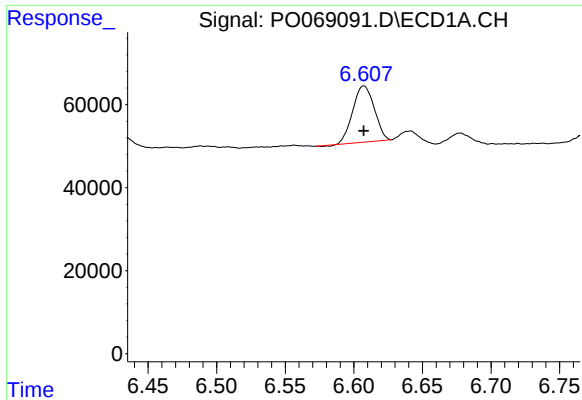
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.678 min
Response: 0
Conc: N.D.



#25 AR-1248-5

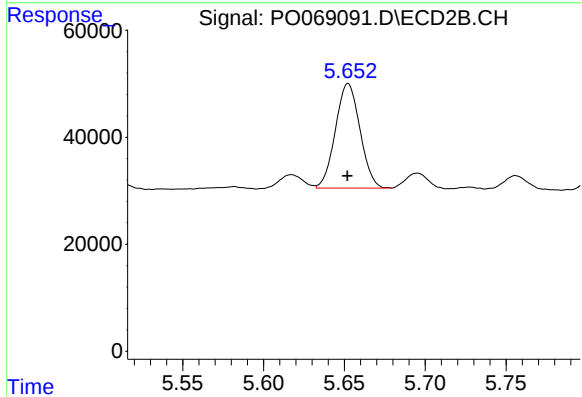
R.T.: 5.652 min
Delta R.T.: -0.043 min
Response: 206605
Conc: 142.81 ng/ml



#26 AR-1254-1

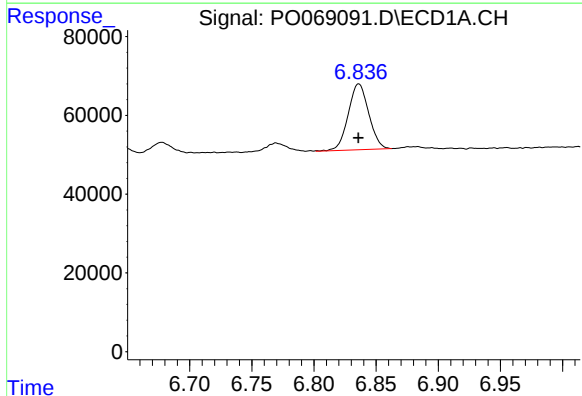
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 146889
Conc: 96.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



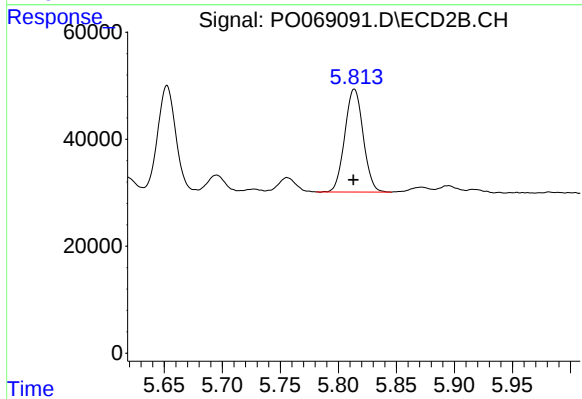
#26 AR-1254-1

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 206605
Conc: 87.88 ng/ml



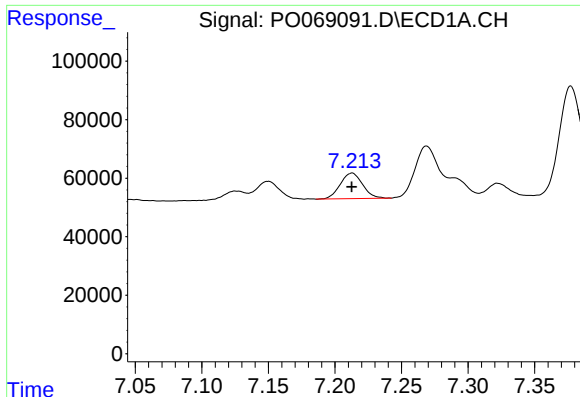
#27 AR-1254-2

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 191890
Conc: 80.00 ng/ml



#27 AR-1254-2

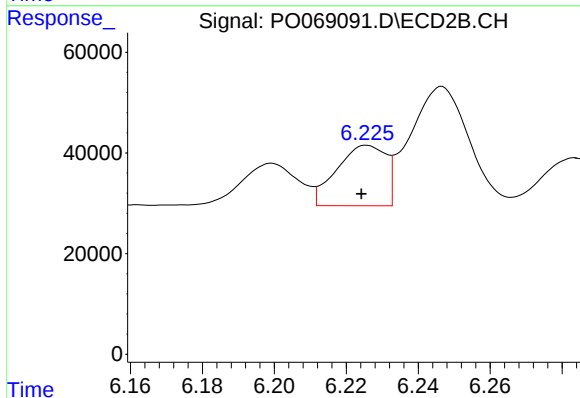
R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 212198
Conc: 100.61 ng/ml



#28 AR-1254-3

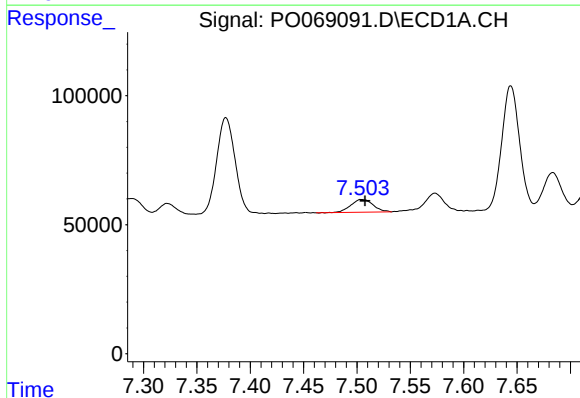
R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 102284
Conc: 38.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



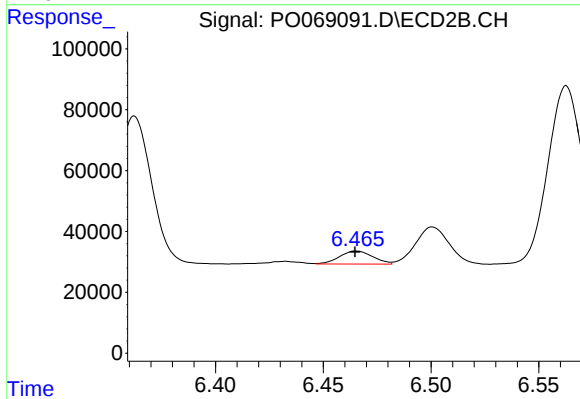
#28 AR-1254-3

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 114174
Conc: 33.11 ng/ml



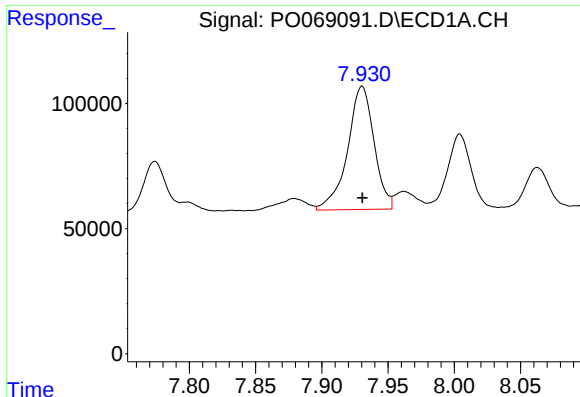
#29 AR-1254-4

R.T.: 7.504 min
Delta R.T.: -0.004 min
Response: 72236
Conc: 33.87 ng/ml



#29 AR-1254-4

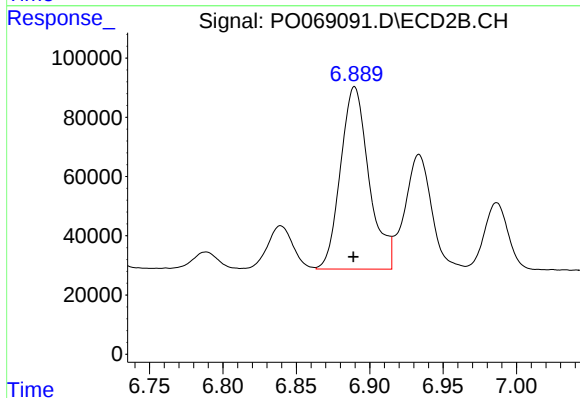
R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 46336
Conc: 19.87 ng/ml



#30 AR-1254-5

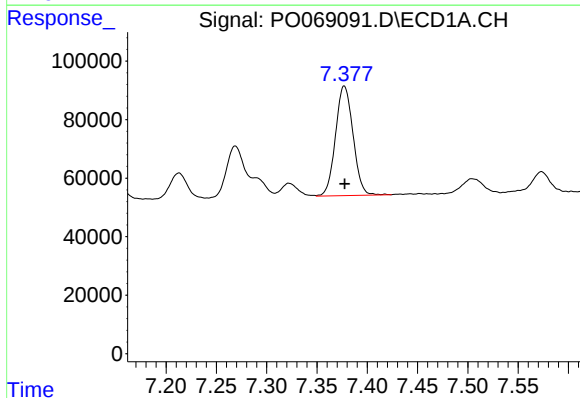
R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 686372
Conc: 306.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



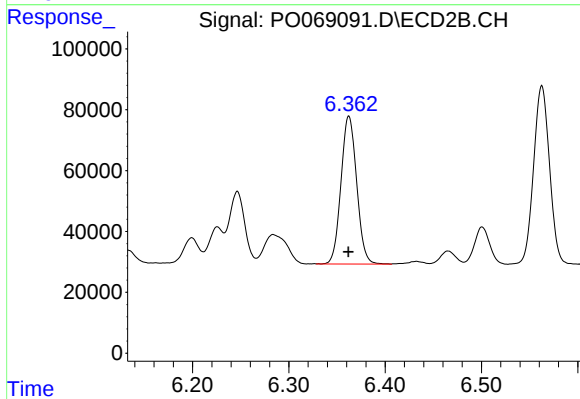
#30 AR-1254-5

R.T.: 6.890 min
Delta R.T.: 0.000 min
Response: 832067
Conc: 256.99 ng/ml



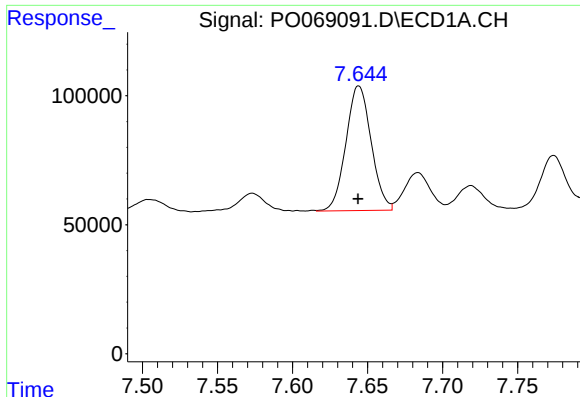
#31 AR-1260-1

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 454365
Conc: 238.08 ng/ml



#31 AR-1260-1

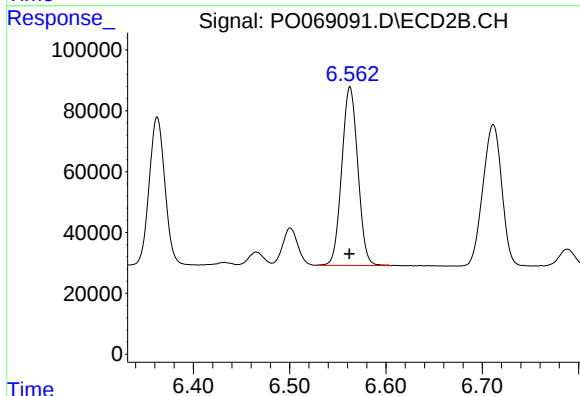
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 547401
Conc: 233.94 ng/ml



#32 AR-1260-2

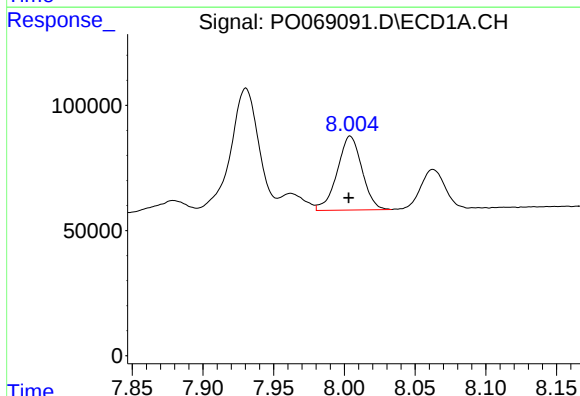
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 564893
Conc: 241.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



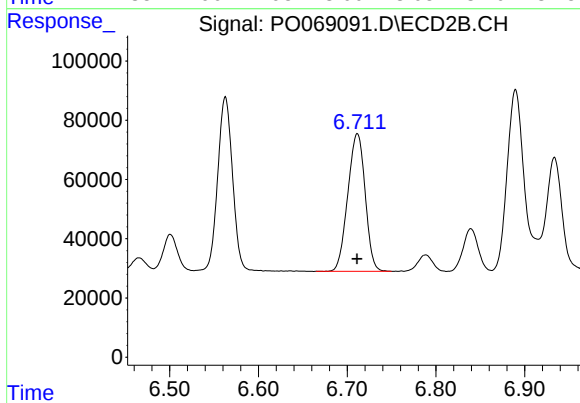
#32 AR-1260-2

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 678268
Conc: 238.28 ng/ml



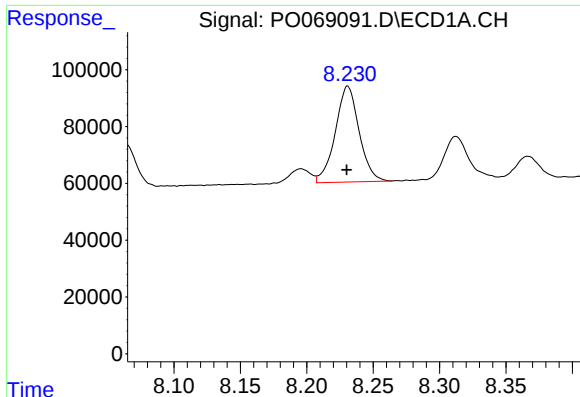
#33 AR-1260-3

R.T.: 8.004 min
Delta R.T.: 0.001 min
Response: 359886
Conc: 202.57 ng/ml



#33 AR-1260-3

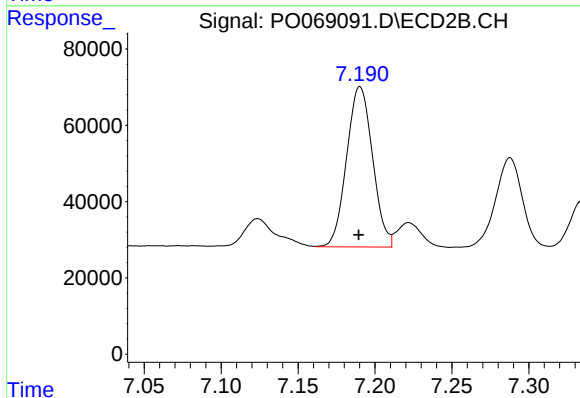
R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 632322
Conc: 235.10 ng/ml



#34 AR-1260-4

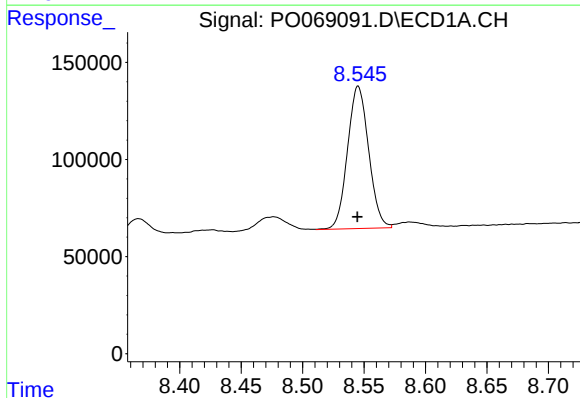
R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 421123
Conc: 201.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



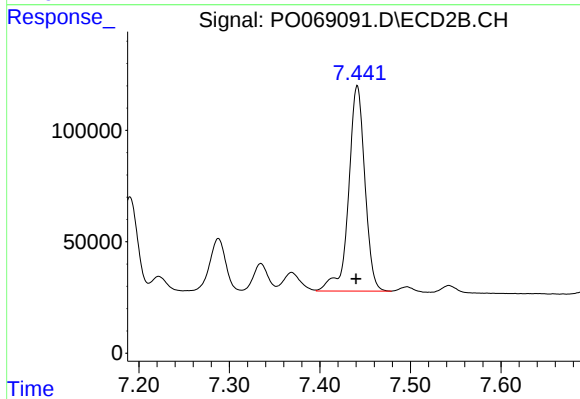
#34 AR-1260-4

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 491818
Conc: 205.28 ng/ml



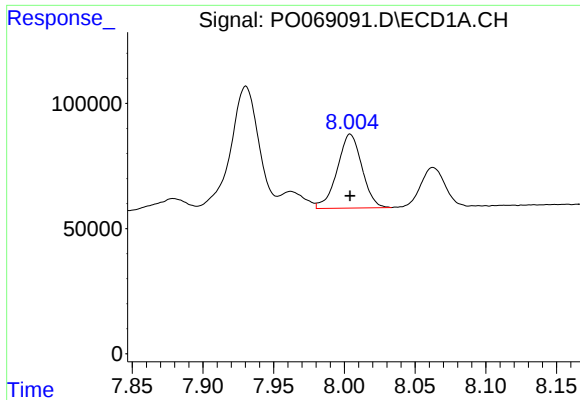
#35 AR-1260-5

R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 877772
Conc: 199.70 ng/ml



#35 AR-1260-5

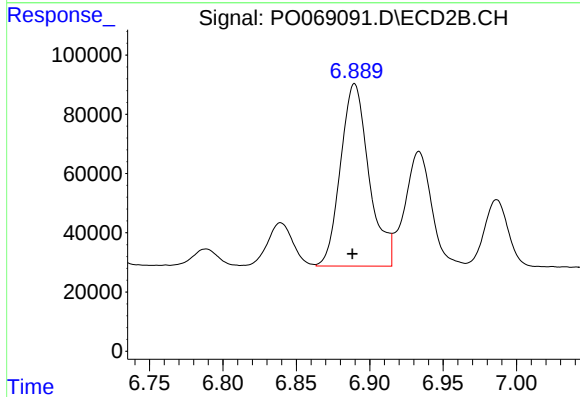
R.T.: 7.441 min
Delta R.T.: 0.001 min
Response: 1151766
Conc: 198.81 ng/ml



#36 AR-1262-1

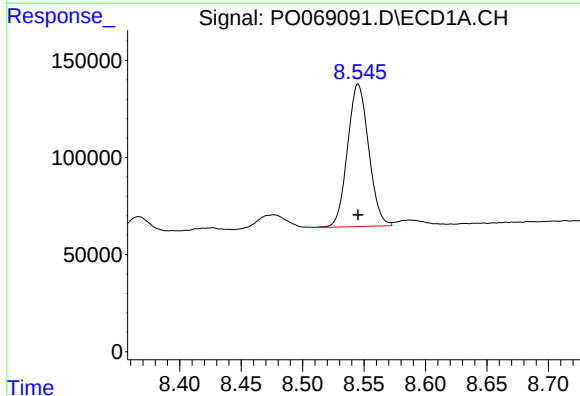
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 359886
Conc: 141.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



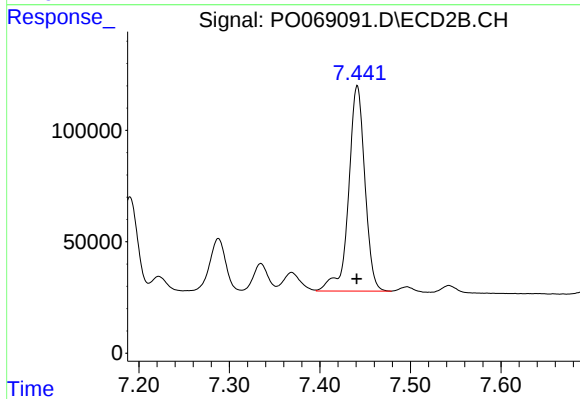
#36 AR-1262-1

R.T.: 6.890 min
Delta R.T.: 0.002 min
Response: 832067
Conc: 474.90 ng/ml



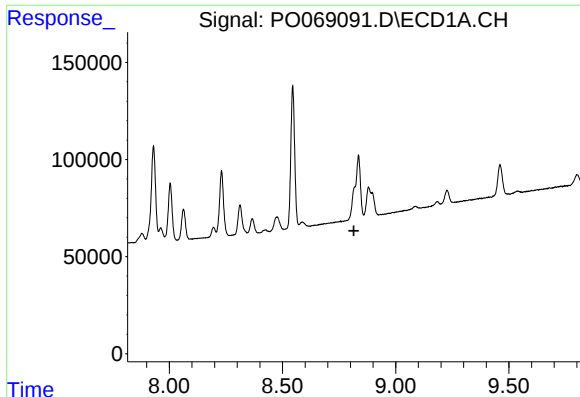
#37 AR-1262-2

R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 877772
Conc: 182.77 ng/ml



#37 AR-1262-2

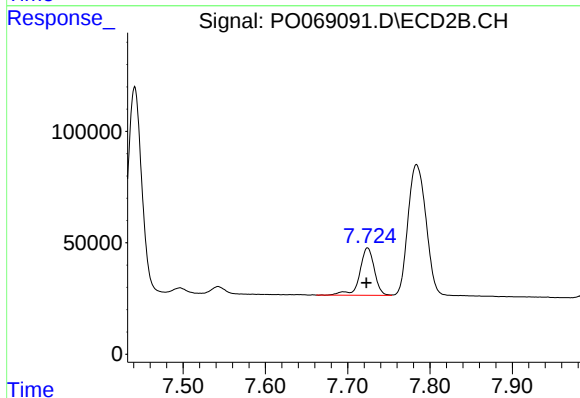
R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 1151766
Conc: 190.46 ng/ml



#38 AR-1262-3

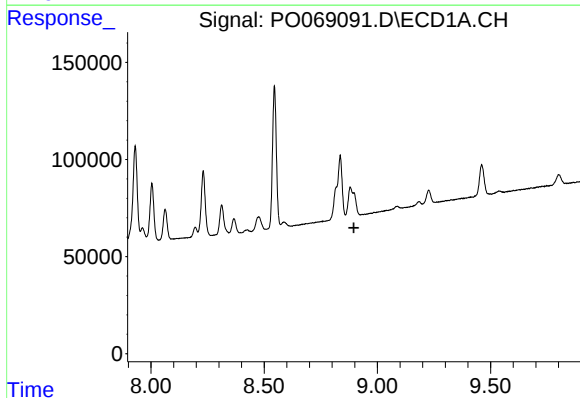
R.T.: 8.880 min
Delta R.T.: 0.065 min
Response: -7697
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



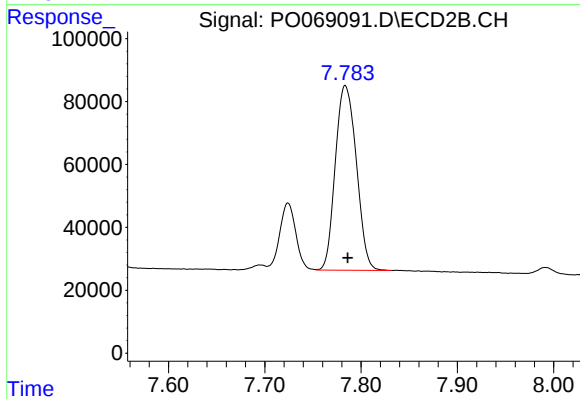
#38 AR-1262-3

R.T.: 7.724 min
Delta R.T.: 0.001 min
Response: 261431
Conc: 105.33 ng/ml



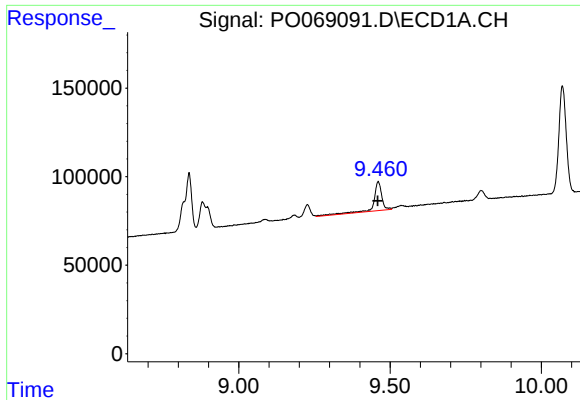
#39 AR-1262-4

R.T.: 8.880 min
Delta R.T.: -0.016 min
Response: -7697
Conc: N.D.



#39 AR-1262-4

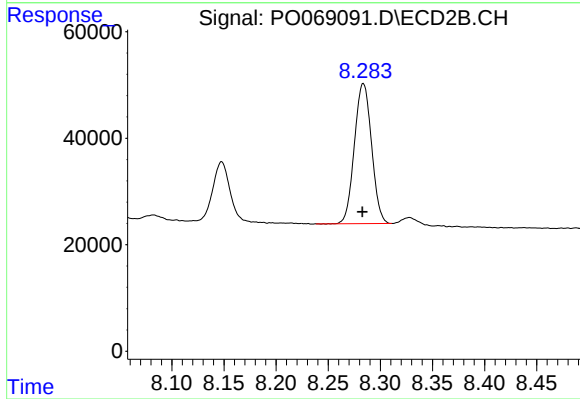
R.T.: 7.784 min
Delta R.T.: -0.002 min
Response: 890092
Conc: 192.03 ng/ml



#40 AR-1262-5

R.T.: 9.461 min
Delta R.T.: 0.001 min
Response: 300572
Conc: 167.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



#40 AR-1262-5

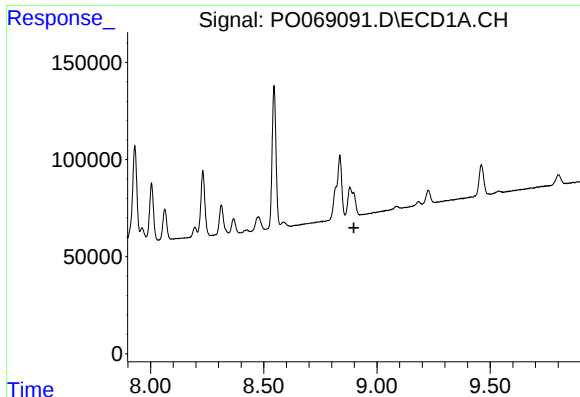
R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 301314
Conc: 129.68 ng/ml

#41 AR-1268-1

R.T.: 8.880 min
Delta R.T.: 0.064 min
Response: -7697
Conc: N.D.

#41 AR-1268-1

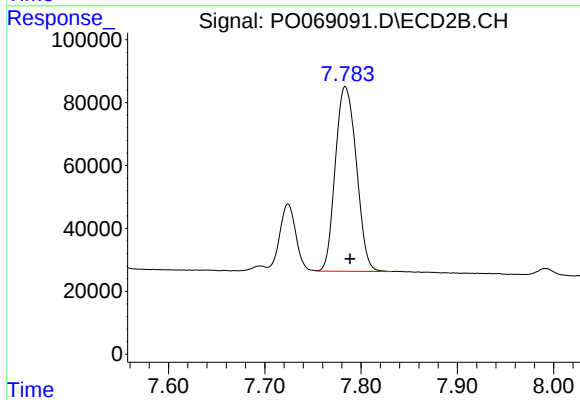
R.T.: 7.724 min
Delta R.T.: 0.000 min
Response: 261431
Conc: 35.87 ng/ml



#42 AR-1268-2

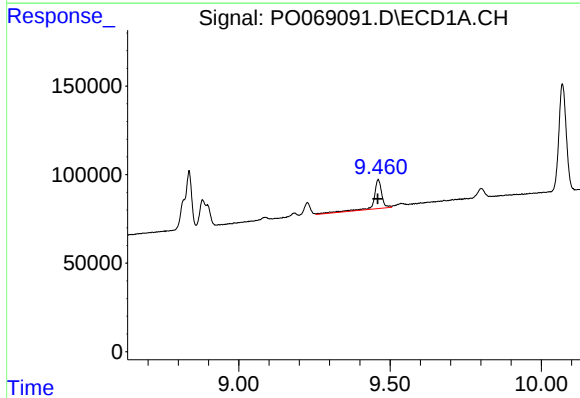
R.T.: 8.880 min
Delta R.T.: -0.017 min
Response: -7697
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



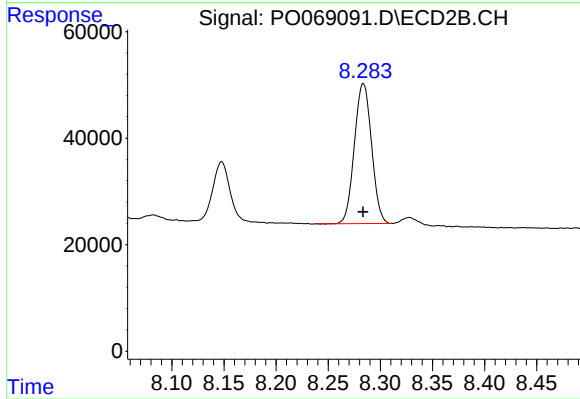
#42 AR-1268-2

R.T.: 7.784 min
Delta R.T.: -0.005 min
Response: 890092
Conc: 133.10 ng/ml



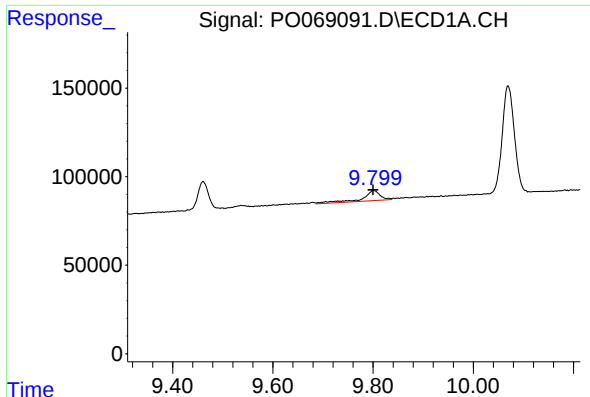
#44 AR-1268-4

R.T.: 9.461 min
Delta R.T.: 0.000 min
Response: 300572
Conc: 143.44 ng/ml



#44 AR-1268-4

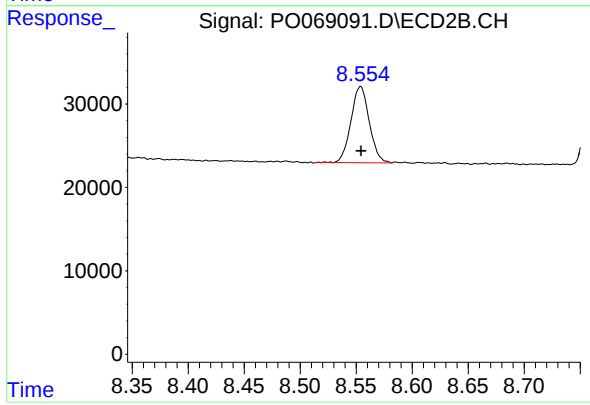
R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 301314
Conc: 111.90 ng/ml



#45 AR-1268-5

R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 142149
Conc: 8.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 103955
Conc: 5.70 ng/ml