

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120221\
 Data File : PO083381.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Dec 2021 13:46
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 14:13:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 20 02:49:51 2021
 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...	4.948	3.949	4518281	1498198	51.485	49.150
2)	SA Decachlor...	11.038	9.255	3297646	1495923	50.150	49.762
Target Compounds							
3)	L1 AR-1016-1	6.282	5.205	45946	8249	15.840	6.263 #
4)	L1 AR-1016-2	6.307	5.205f	54761	8249	13.288	4.596 #
5)	L1 AR-1016-3	6.371	0.000	19586	0	7.805	N.D. #
6)	L1 AR-1016-4	6.479	5.469	22737	377495	11.102	464.353 #
7)	L1 AR-1016-5	6.797	5.697	470228	232709	232.060	229.372
8)	L2 AR-1221-1	5.191	0.000	27058	0	28.553	N.D. #
9)	L2 AR-1221-2	5.303	4.300	58199	18919	86.559	67.184
10)	L2 AR-1221-3	0.000	4.393	0	16159	N.D.	17.867 #
11)	L3 AR-1232-1	0.000	4.393	0	16159	N.D.	21.080 #
12)	L3 AR-1232-2	5.986	5.205f	22888	8249	25.240	10.982 #
13)	L3 AR-1232-3	6.307	0.000	54761	0	33.437	N.D. #
14)	L3 AR-1232-4	6.479	5.512	22737	94904	28.402	269.920 #
15)	L3 AR-1232-5	6.579	5.697	833345	232709	1483.142	606.100 #
16)	L4 AR-1242-1	6.282	5.205	45946	8249	21.481	8.488 #
17)	L4 AR-1242-2	6.307	5.205f	54761	8249	18.167	6.288 #
18)	L4 AR-1242-3	6.371	0.000	19586	0	10.489	N.D. #
19)	L4 AR-1242-4	6.479	5.512	22737	94904	15.076	137.859 #
20)	L4 AR-1242-5	7.270	6.078	694864	923154	449.169	996.740 #
21)	L5 AR-1248-1	6.282	5.205	45946	8249	29.499	11.575 #
22)	L5 AR-1248-2	6.579	5.469	833345	377495	392.214	372.658
23)	L5 AR-1248-3	6.797	5.512	470228	94904	189.612	95.807 #
24)	L5 AR-1248-4	7.229	5.697	829630	232709	316.658	188.823 #
25)	L5 AR-1248-5	7.270	6.121	694864	127713	268.339	103.387 #
26)	L6 AR-1254-1	7.198	6.078	1579684	923154	567.635	474.765
27)	L6 AR-1254-2	7.429	6.239	2287687	794251	549.901	472.054
28)	L6 AR-1254-3	7.814	6.659	2345626	1280671	546.120	500.943
29)	L6 AR-1254-4	8.112	6.900	1618814	896744	523.354	491.559
30)	L6 AR-1254-5	8.543	7.330	1685021	1114919	525.609	479.140
31)	L7 AR-1260-1	7.981	6.798	912603	652889	287.274	357.316
32)	L7 AR-1260-2	8.249	6.995	961972	573830	256.303	239.488
33)	L7 AR-1260-3	8.606	7.147	206133	503564	72.051	245.516 #
34)	L7 AR-1260-4	8.842	7.633	629718	55297	194.972	31.416 #
35)	L7 AR-1260-5	9.182	7.883	218949	138846	34.550	31.098
36)	L8 AR-1262-1	8.606	7.330	206133	1114919	55.275	915.102 #
37)	L8 AR-1262-2	9.182	7.883	218949	138846	34.026	30.734
38)	L8 AR-1262-3	9.520f	0.000	187983	0	61.802	N.D. #
39)	L8 AR-1262-4	9.571f	8.230	38889	163358	20.546	51.581 #
41)	L9 AR-1268-1	9.520f	0.000	187983	0	22.722	N.D. #
42)	L9 AR-1268-2	9.571f	8.230	38889	163358	5.056	34.012 #

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Acq On : 02 Dec 2021 13:46
Operator : AJ\MA
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

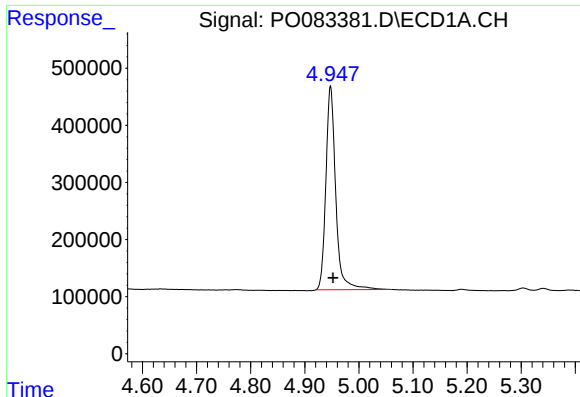
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 14:13:07 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111921.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 20 02:49:51 2021
Response via : Initial Calibration
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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

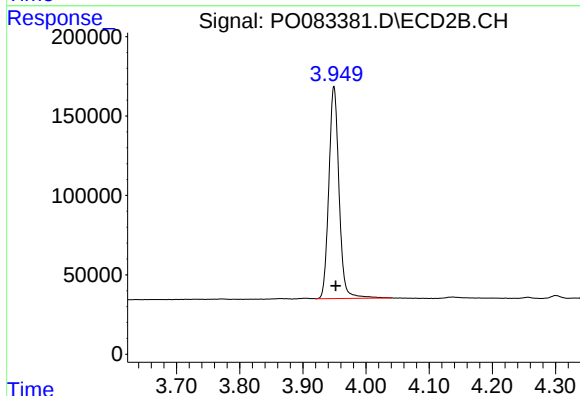
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

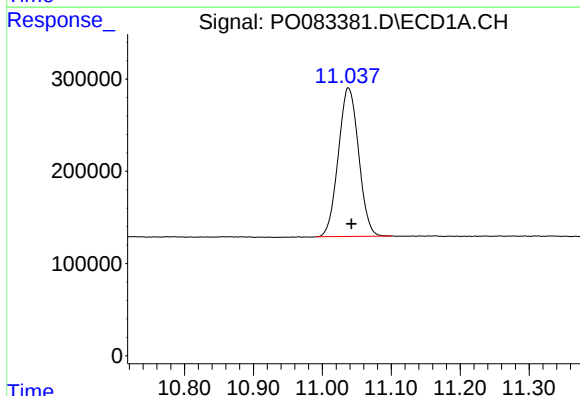
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 4518281
Conc: 51.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



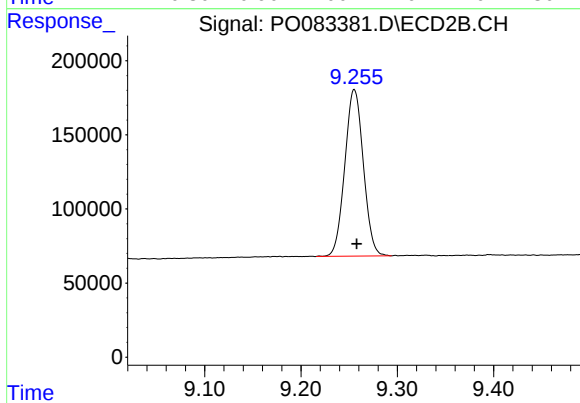
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 1498198
Conc: 49.15 ng/ml



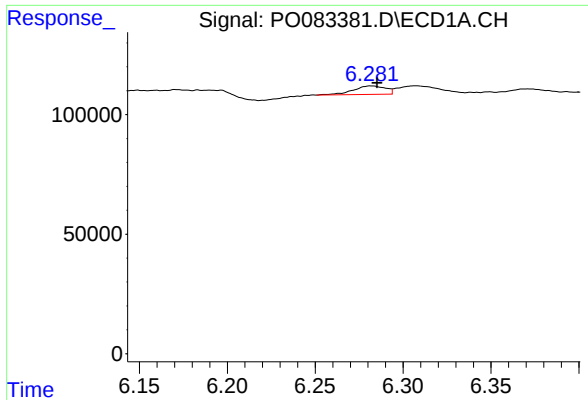
#2 Decachlorobiphenyl

R.T.: 11.038 min
Delta R.T.: -0.004 min
Response: 3297646
Conc: 50.15 ng/ml



#2 Decachlorobiphenyl

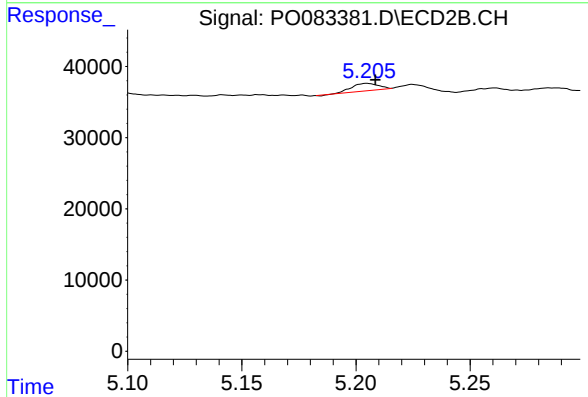
R.T.: 9.255 min
Delta R.T.: -0.002 min
Response: 1495923
Conc: 49.76 ng/ml



#3 AR-1016-1

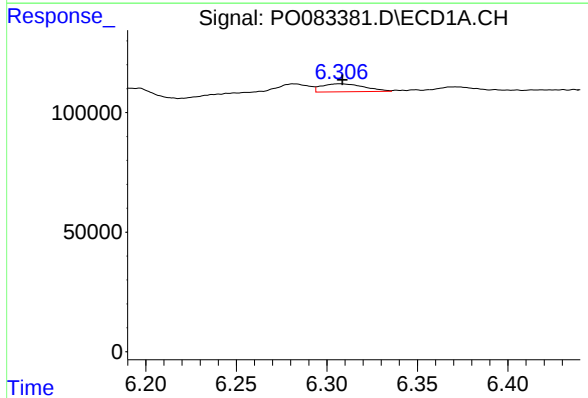
R.T.: 6.282 min
Delta R.T.: -0.004 min
Response: 45946
Conc: 15.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



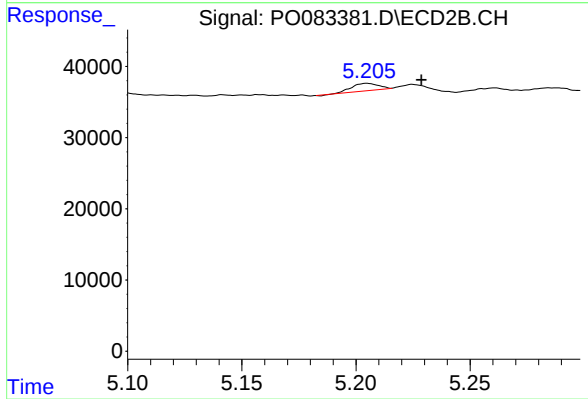
#3 AR-1016-1

R.T.: 5.205 min
Delta R.T.: -0.004 min
Response: 8249
Conc: 6.26 ng/ml



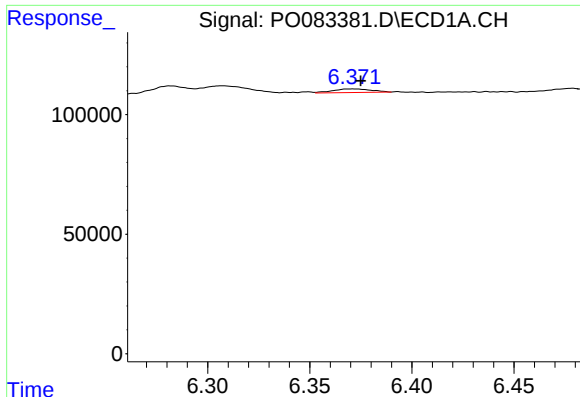
#4 AR-1016-2

R.T.: 6.307 min
Delta R.T.: -0.001 min
Response: 54761
Conc: 13.29 ng/ml



#4 AR-1016-2

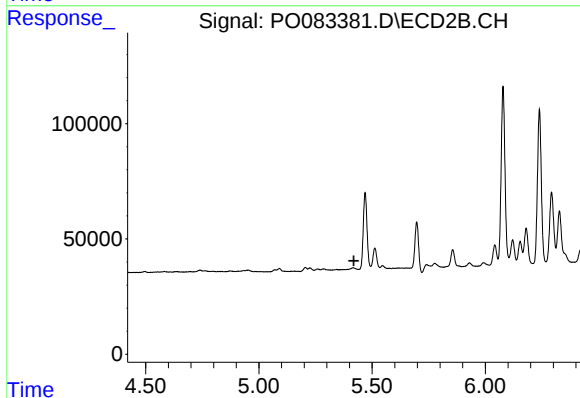
R.T.: 5.205 min
Delta R.T.: -0.024 min
Response: 8249
Conc: 4.60 ng/ml



#5 AR-1016-3

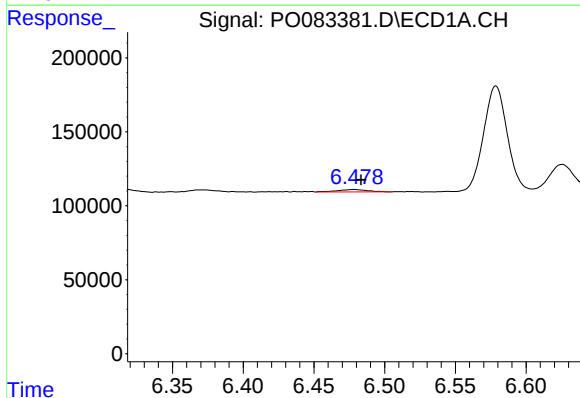
R.T.: 6.371 min
Delta R.T.: -0.004 min
Response: 19586
Conc: 7.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



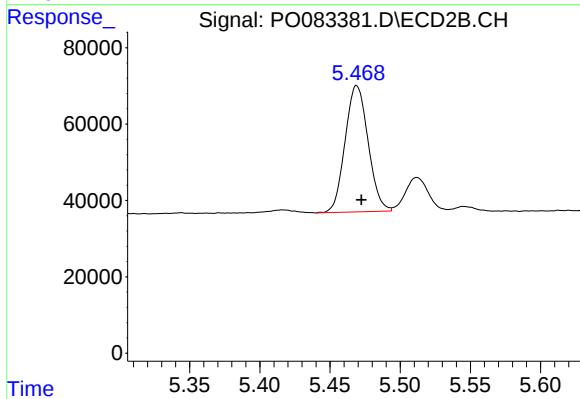
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.419 min
Response: 0
Conc: N.D.



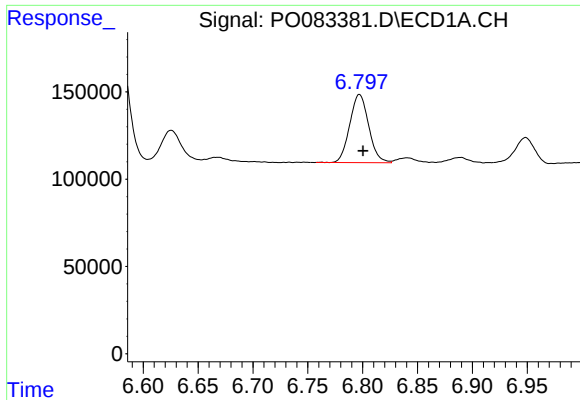
#6 AR-1016-4

R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: 22737
Conc: 11.10 ng/ml



#6 AR-1016-4

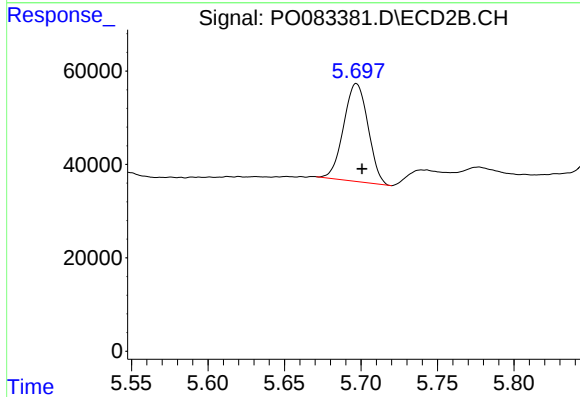
R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 377495
Conc: 464.35 ng/ml



#7 AR-1016-5

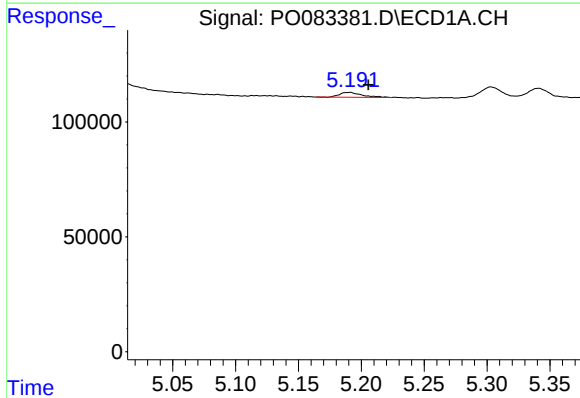
R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 470228
Conc: 232.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



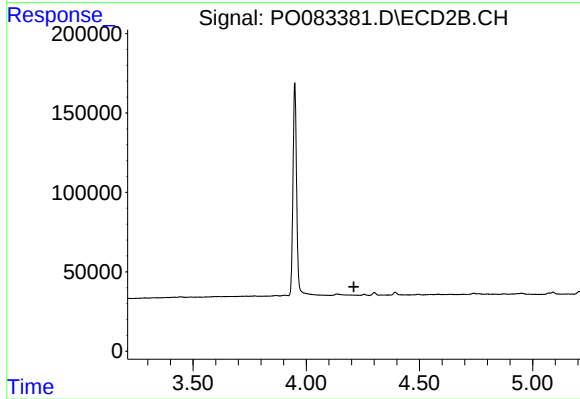
#7 AR-1016-5

R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 232709
Conc: 229.37 ng/ml



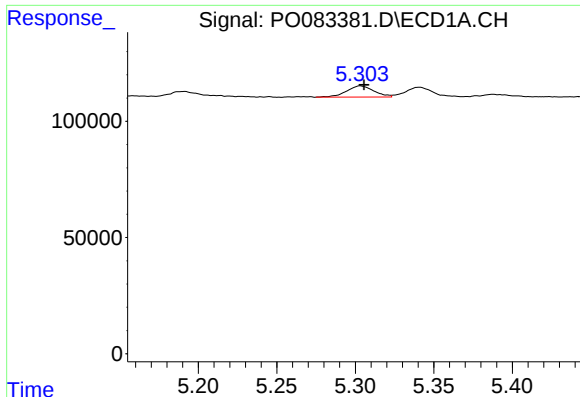
#8 AR-1221-1

R.T.: 5.191 min
Delta R.T.: -0.014 min
Response: 27058
Conc: 28.55 ng/ml



#8 AR-1221-1

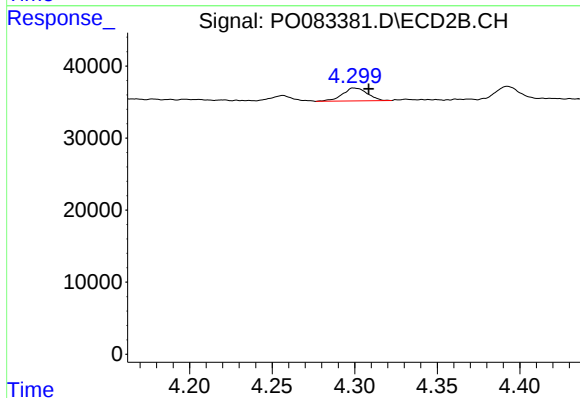
R.T.: 0.000 min
Exp R.T. : 4.210 min
Response: 0
Conc: N.D.



#9 AR-1221-2

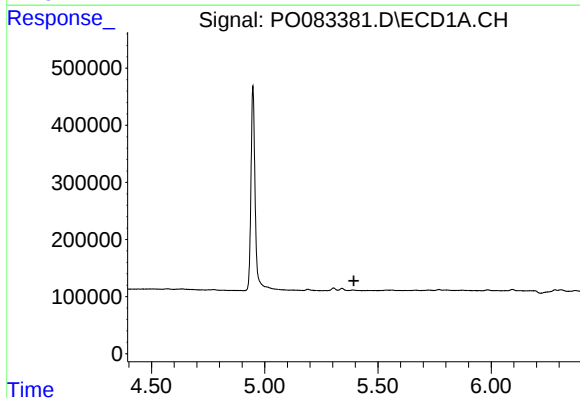
R.T.: 5.303 min
Delta R.T.: -0.003 min
Response: 58199
Conc: 86.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



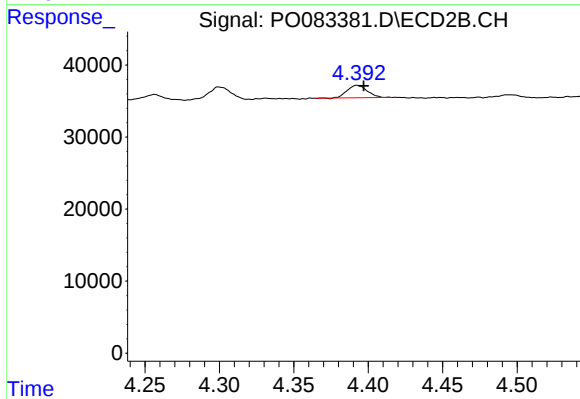
#9 AR-1221-2

R.T.: 4.300 min
Delta R.T.: -0.009 min
Response: 18919
Conc: 67.18 ng/ml



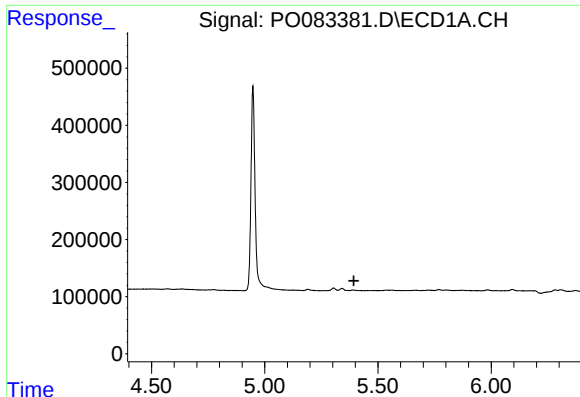
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.394 min
Response: 0
Conc: N.D.



#10 AR-1221-3

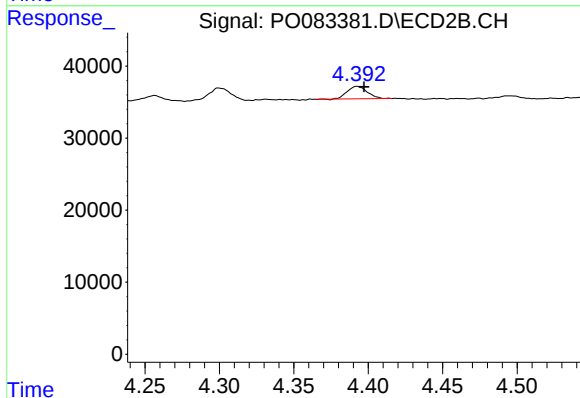
R.T.: 4.393 min
Delta R.T.: -0.004 min
Response: 16159
Conc: 17.87 ng/ml



#11 AR-1232-1

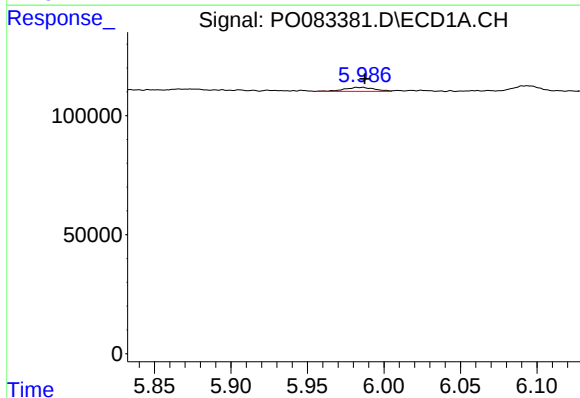
R.T.: 0.000 min
Exp R.T.: 5.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



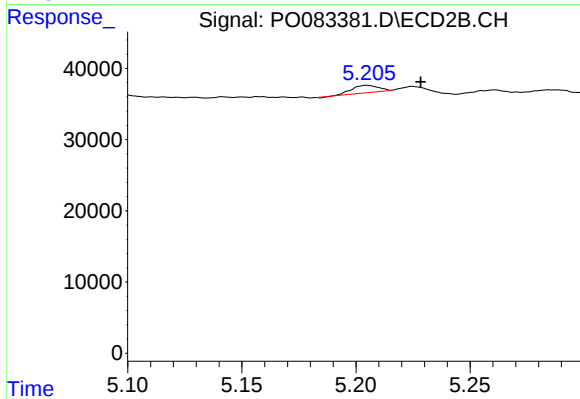
#11 AR-1232-1

R.T.: 4.393 min
Delta R.T.: -0.005 min
Response: 16159
Conc: 21.08 ng/ml



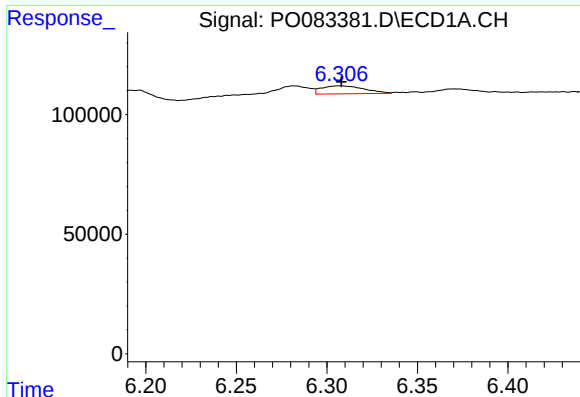
#12 AR-1232-2

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 22888
Conc: 25.24 ng/ml



#12 AR-1232-2

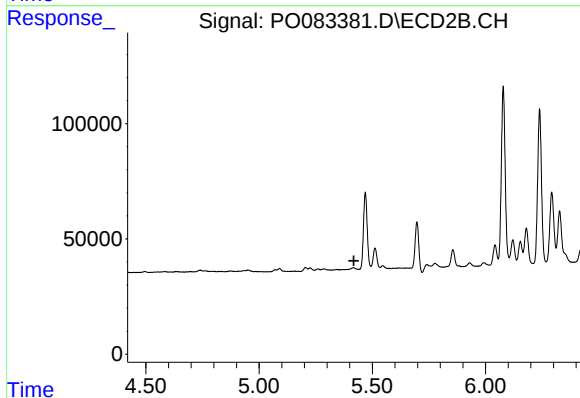
R.T.: 5.205 min
Delta R.T.: -0.023 min
Response: 8249
Conc: 10.98 ng/ml



#13 AR-1232-3

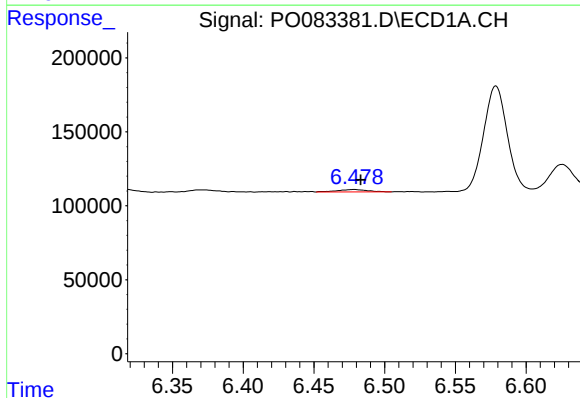
R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 54761
Conc: 33.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



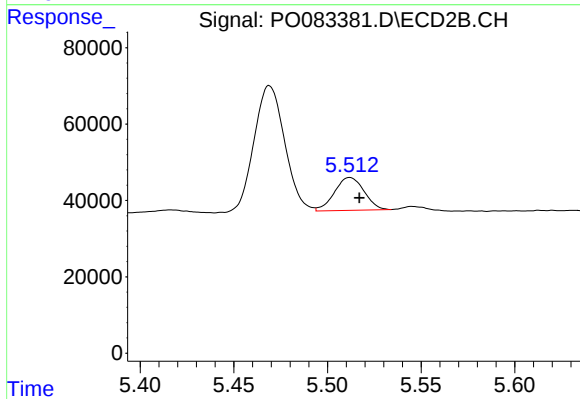
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.419 min
Response: 0
Conc: N.D.



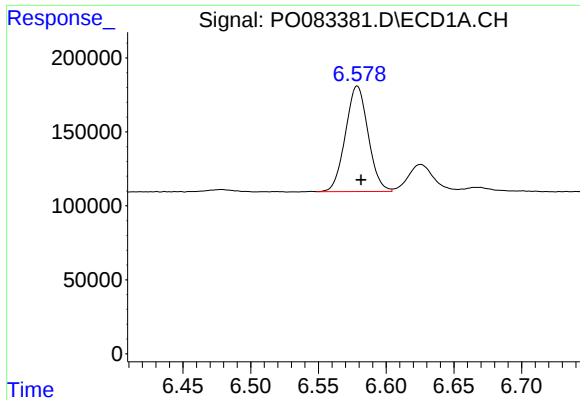
#14 AR-1232-4

R.T.: 6.479 min
Delta R.T.: -0.004 min
Response: 22737
Conc: 28.40 ng/ml



#14 AR-1232-4

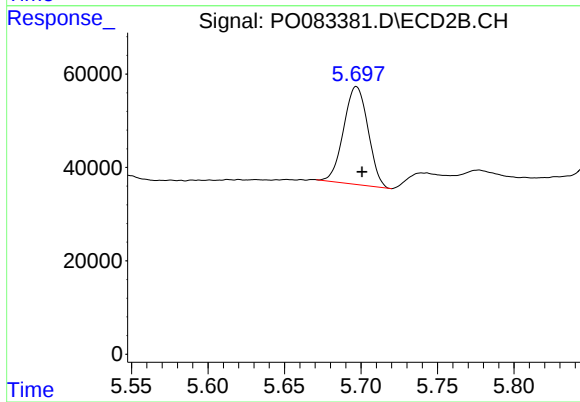
R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 94904
Conc: 269.92 ng/ml



#15 AR-1232-5

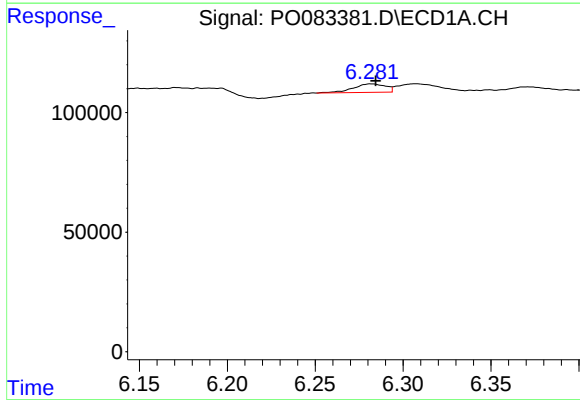
R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 833345
Conc: 1483.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



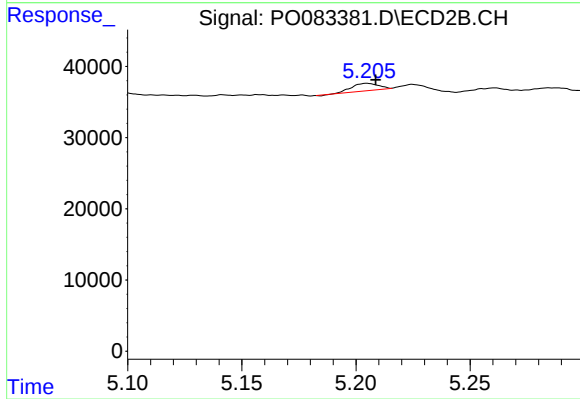
#15 AR-1232-5

R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 232709
Conc: 606.10 ng/ml



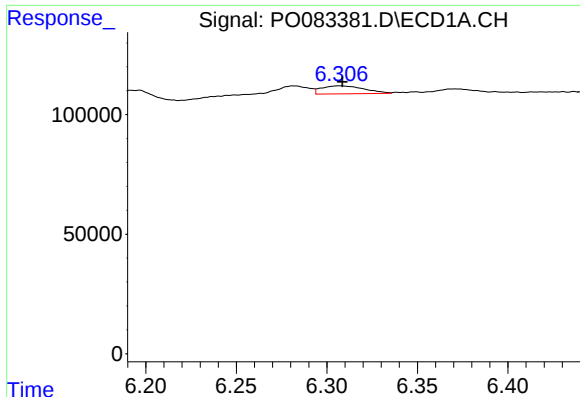
#16 AR-1242-1

R.T.: 6.282 min
Delta R.T.: -0.003 min
Response: 45946
Conc: 21.48 ng/ml



#16 AR-1242-1

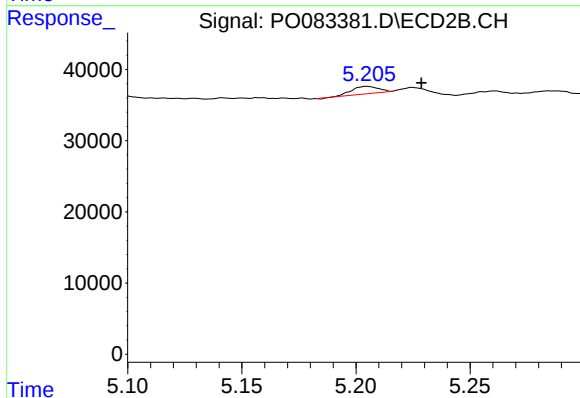
R.T.: 5.205 min
Delta R.T.: -0.004 min
Response: 8249
Conc: 8.49 ng/ml



#17 AR-1242-2

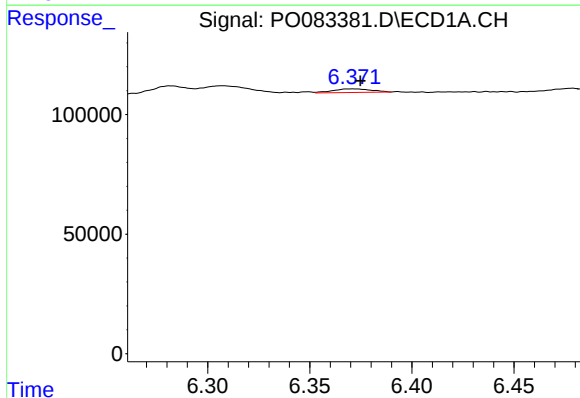
R.T.: 6.307 min
Delta R.T.: -0.001 min
Response: 54761
Conc: 18.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



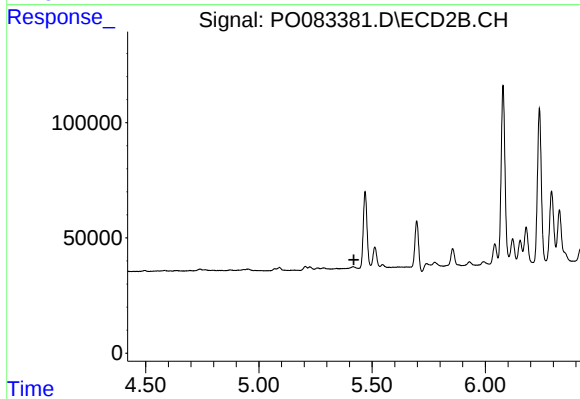
#17 AR-1242-2

R.T.: 5.205 min
Delta R.T.: -0.024 min
Response: 8249
Conc: 6.29 ng/ml



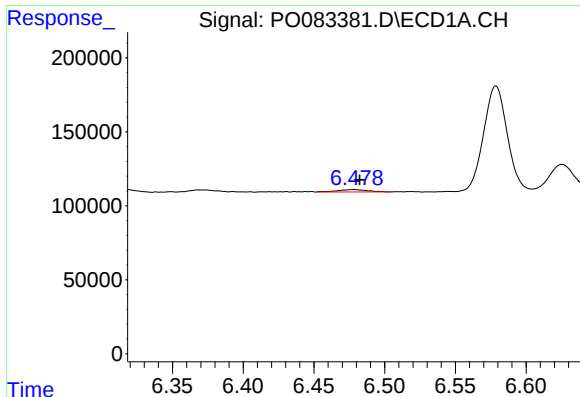
#18 AR-1242-3

R.T.: 6.371 min
Delta R.T.: -0.004 min
Response: 19586
Conc: 10.49 ng/ml



#18 AR-1242-3

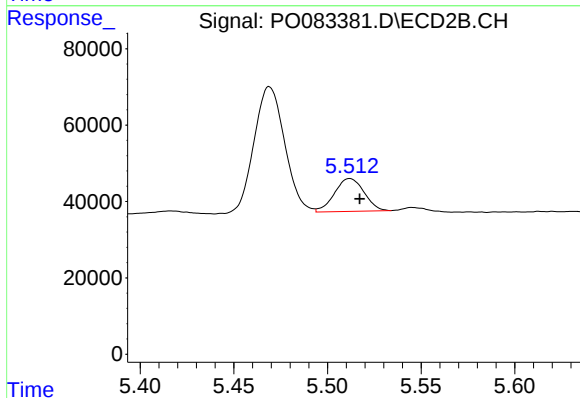
R.T.: 0.000 min
Exp R.T.: 5.420 min
Response: 0
Conc: N.D.



#19 AR-1242-4

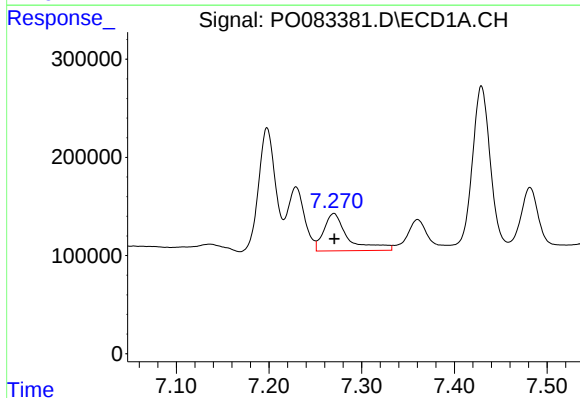
R.T.: 6.479 min
Delta R.T.: -0.004 min
Response: 22737
Conc: 15.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



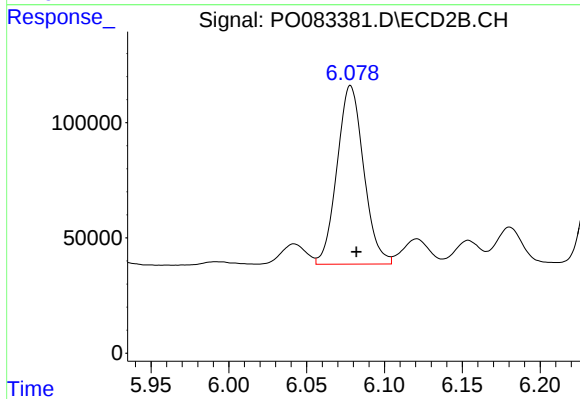
#19 AR-1242-4

R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 94904
Conc: 137.86 ng/ml



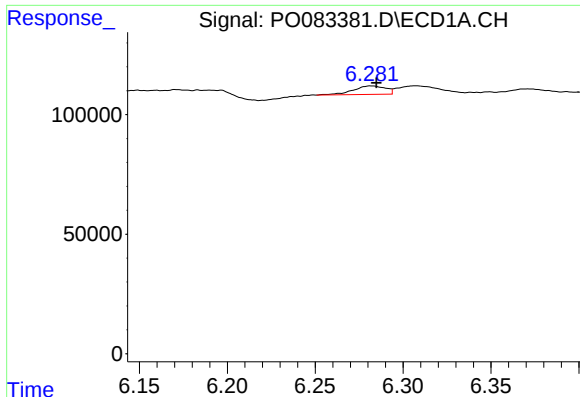
#20 AR-1242-5

R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 694864
Conc: 449.17 ng/ml



#20 AR-1242-5

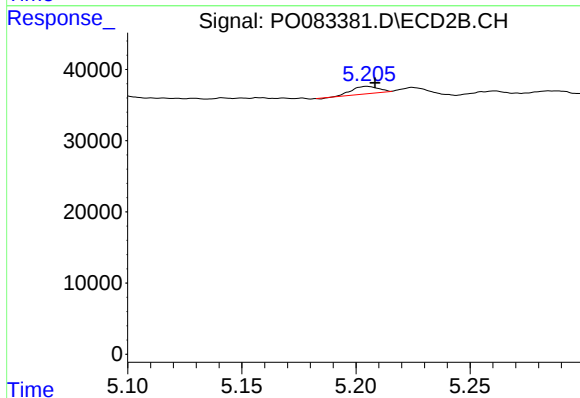
R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 923154
Conc: 996.74 ng/ml



#21 AR-1248-1

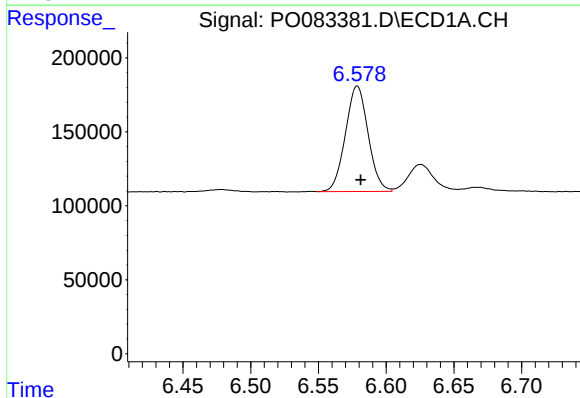
R.T.: 6.282 min
Delta R.T.: -0.003 min
Response: 45946
Conc: 29.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



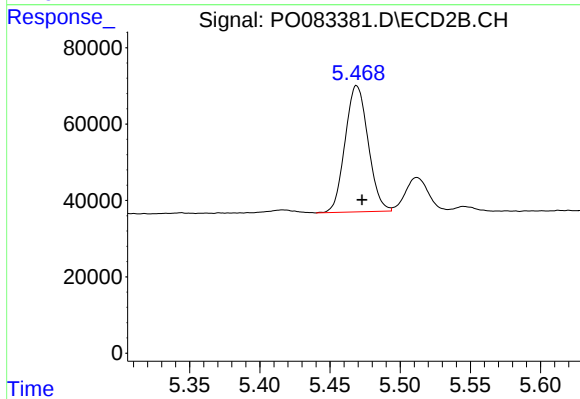
#21 AR-1248-1

R.T.: 5.205 min
Delta R.T.: -0.003 min
Response: 8249
Conc: 11.57 ng/ml



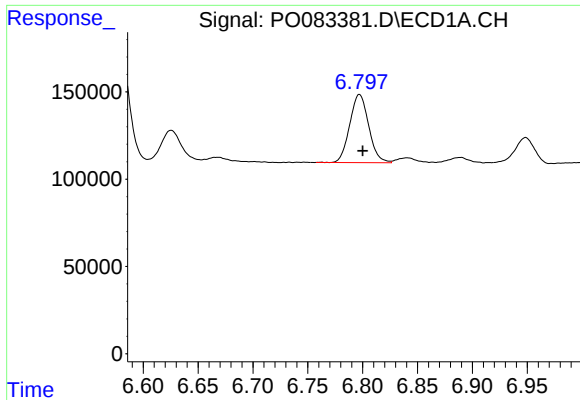
#22 AR-1248-2

R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 833345
Conc: 392.21 ng/ml



#22 AR-1248-2

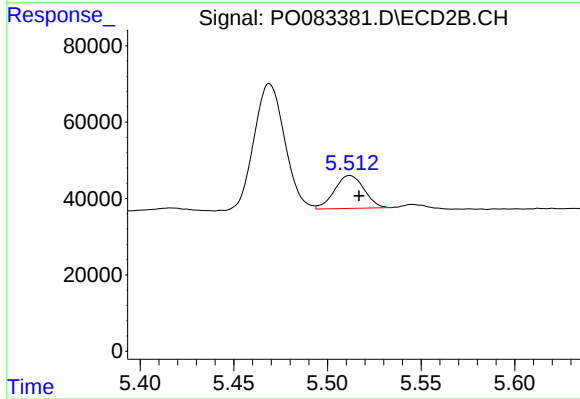
R.T.: 5.469 min
Delta R.T.: -0.004 min
Response: 377495
Conc: 372.66 ng/ml



#23 AR-1248-3

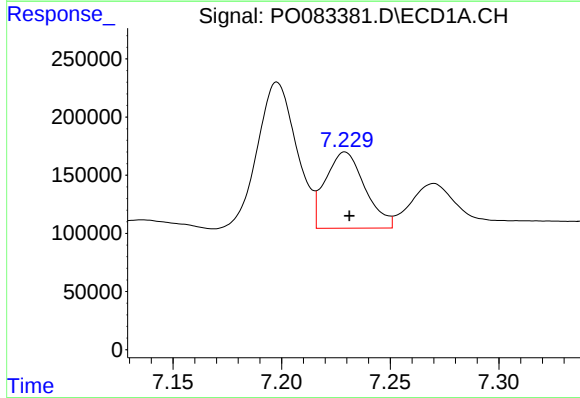
R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 470228
Conc: 189.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



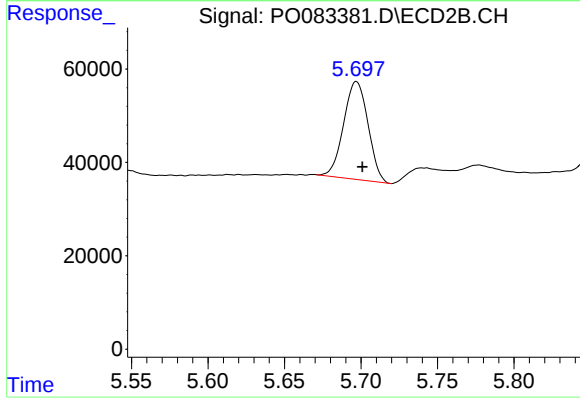
#23 AR-1248-3

R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 94904
Conc: 95.81 ng/ml



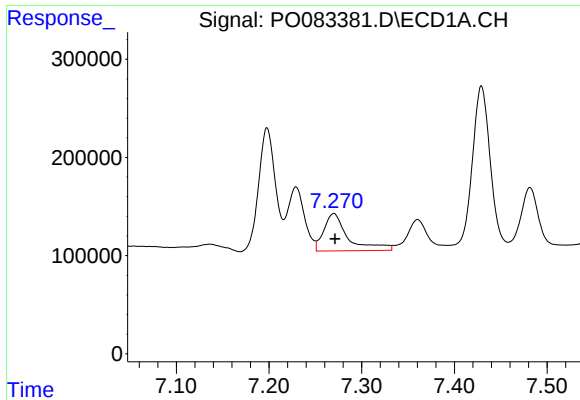
#24 AR-1248-4

R.T.: 7.229 min
Delta R.T.: -0.002 min
Response: 829630
Conc: 316.66 ng/ml



#24 AR-1248-4

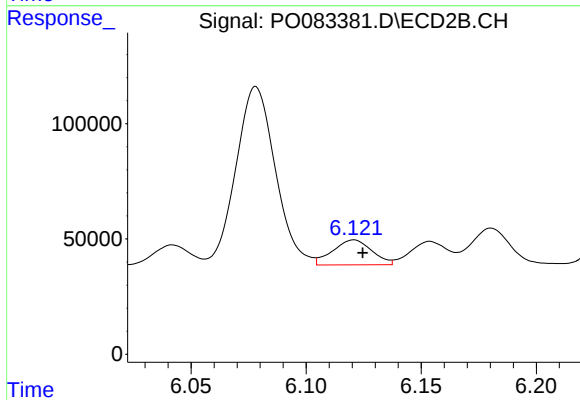
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 232709
Conc: 188.82 ng/ml



#25 AR-1248-5

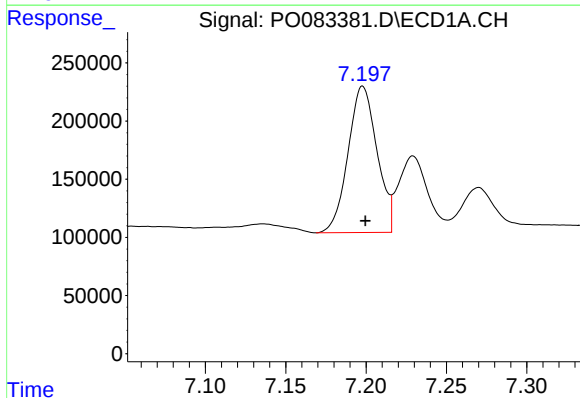
R.T.: 7.270 min
Delta R.T.: -0.001 min
Response: 694864
Conc: 268.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



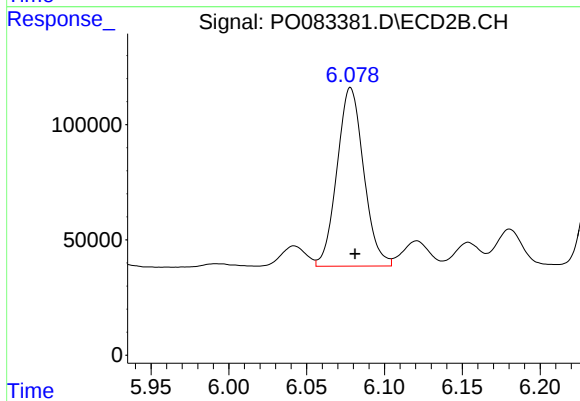
#25 AR-1248-5

R.T.: 6.121 min
Delta R.T.: -0.004 min
Response: 127713
Conc: 103.39 ng/ml



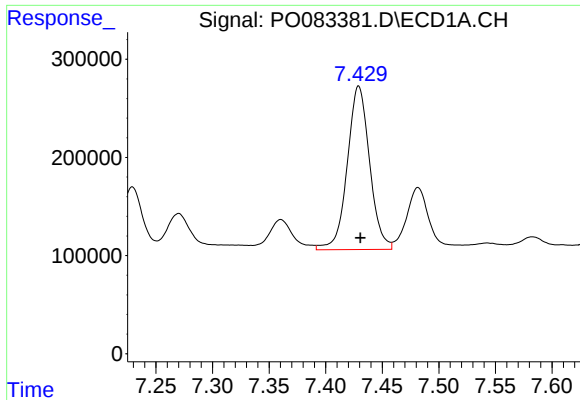
#26 AR-1254-1

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 1579684
Conc: 567.64 ng/ml



#26 AR-1254-1

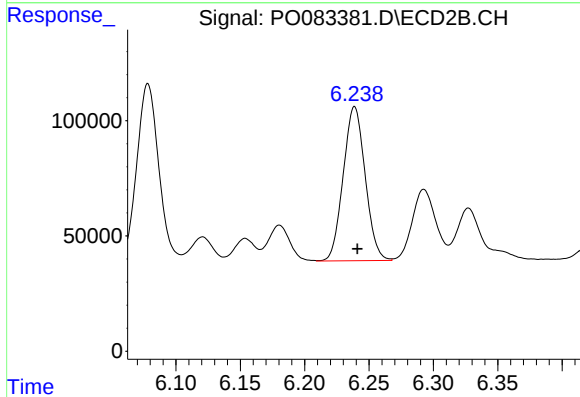
R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 923154
Conc: 474.76 ng/ml



#27 AR-1254-2

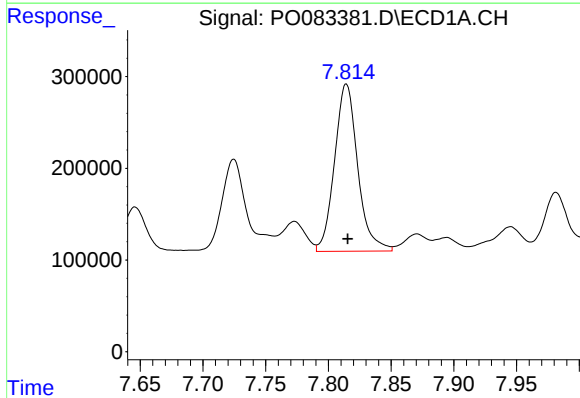
R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 2287687
Conc: 549.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



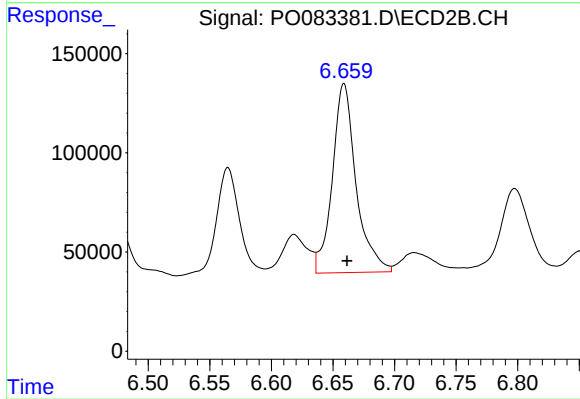
#27 AR-1254-2

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 794251
Conc: 472.05 ng/ml



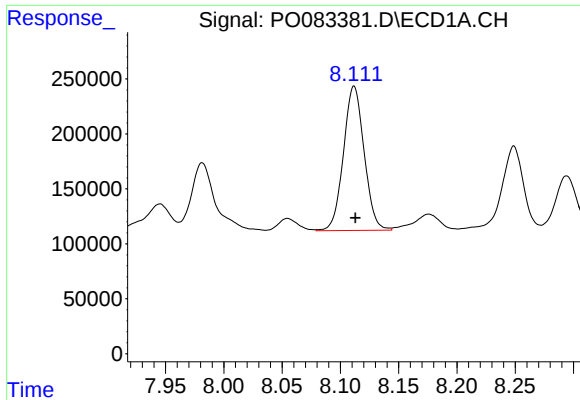
#28 AR-1254-3

R.T.: 7.814 min
Delta R.T.: -0.001 min
Response: 2345626
Conc: 546.12 ng/ml



#28 AR-1254-3

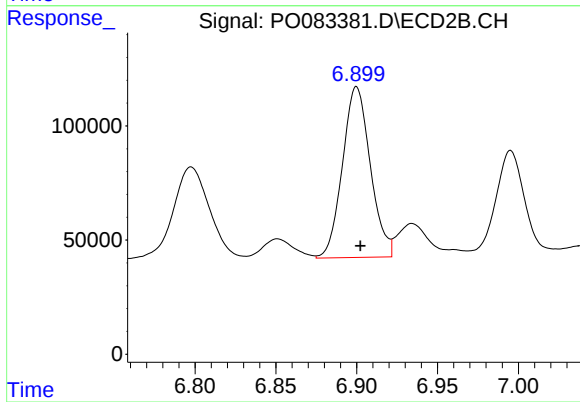
R.T.: 6.659 min
Delta R.T.: -0.002 min
Response: 1280671
Conc: 500.94 ng/ml



#29 AR-1254-4

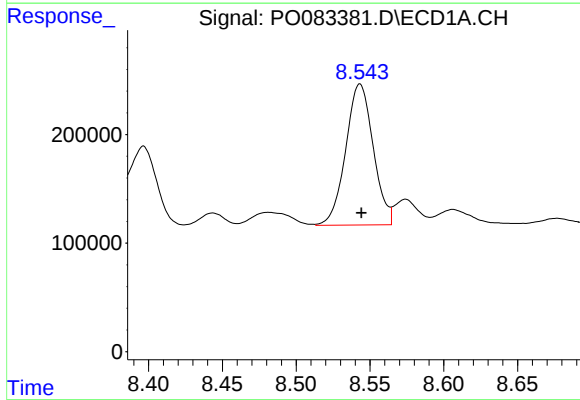
R.T.: 8.112 min
Delta R.T.: -0.001 min
Response: 1618814
Conc: 523.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



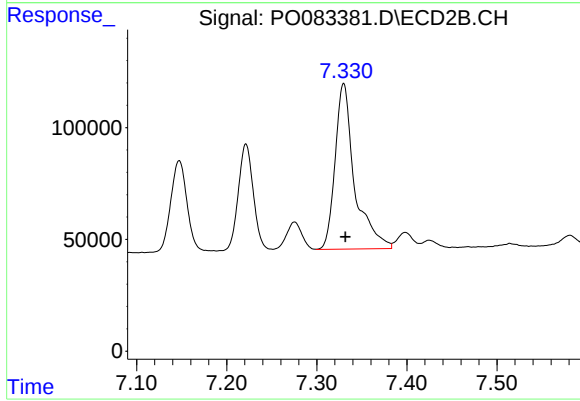
#29 AR-1254-4

R.T.: 6.900 min
Delta R.T.: -0.002 min
Response: 896744
Conc: 491.56 ng/ml



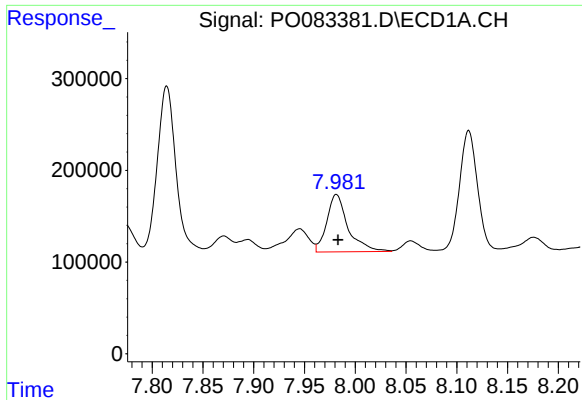
#30 AR-1254-5

R.T.: 8.543 min
Delta R.T.: -0.001 min
Response: 1685021
Conc: 525.61 ng/ml



#30 AR-1254-5

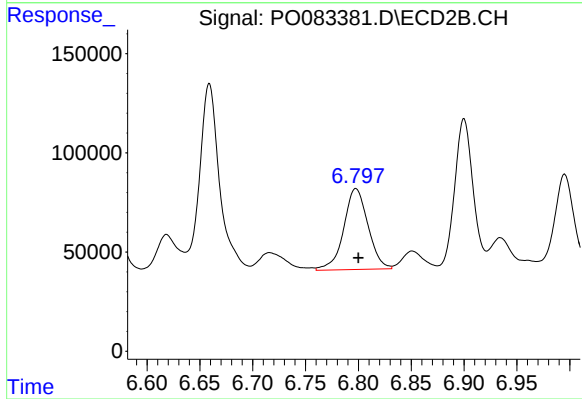
R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 1114919
Conc: 479.14 ng/ml



#31 AR-1260-1

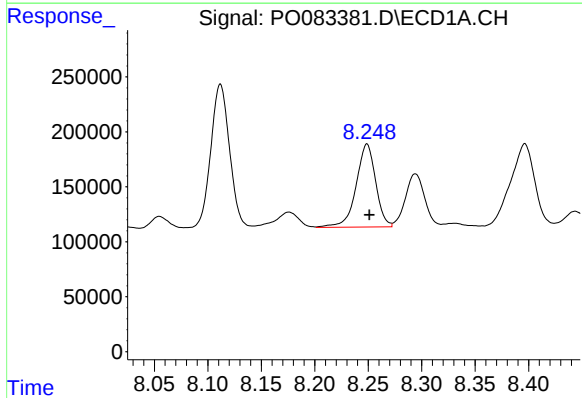
R.T.: 7.981 min
Delta R.T.: -0.002 min
Response: 912603
Conc: 287.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



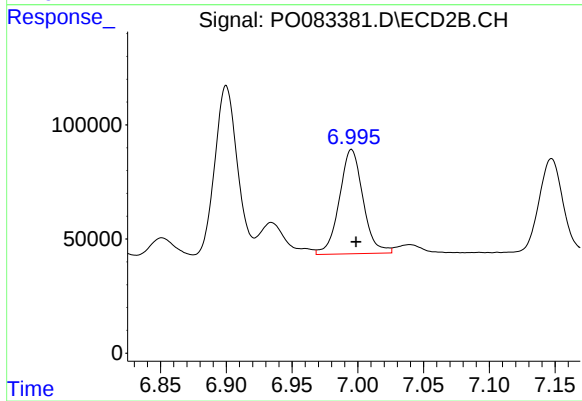
#31 AR-1260-1

R.T.: 6.798 min
Delta R.T.: -0.002 min
Response: 652889
Conc: 357.32 ng/ml



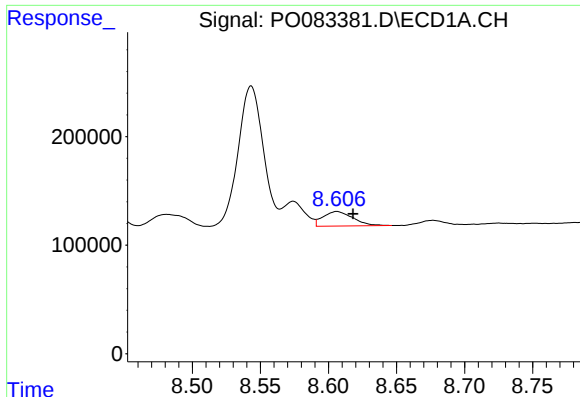
#32 AR-1260-2

R.T.: 8.249 min
Delta R.T.: -0.002 min
Response: 961972
Conc: 256.30 ng/ml



#32 AR-1260-2

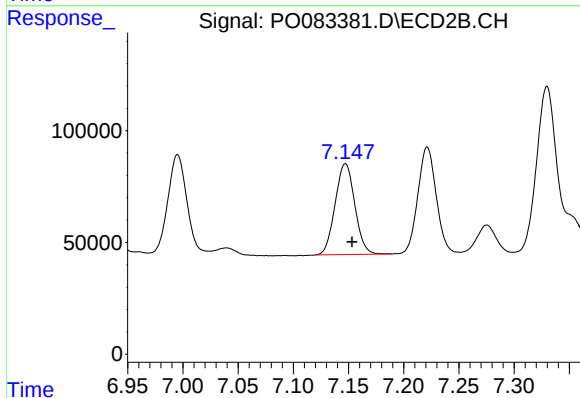
R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 573830
Conc: 239.49 ng/ml



#33 AR-1260-3

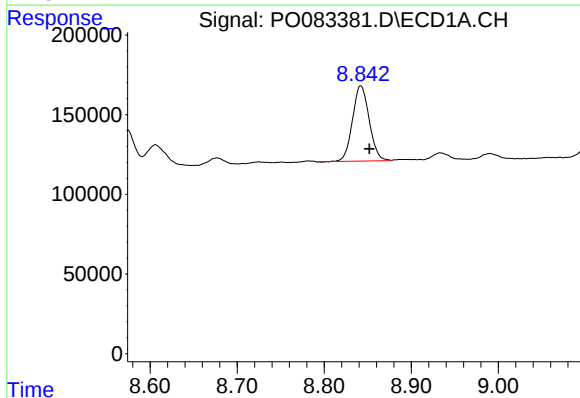
R.T.: 8.606 min
Delta R.T.: -0.012 min
Response: 206133
Conc: 72.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



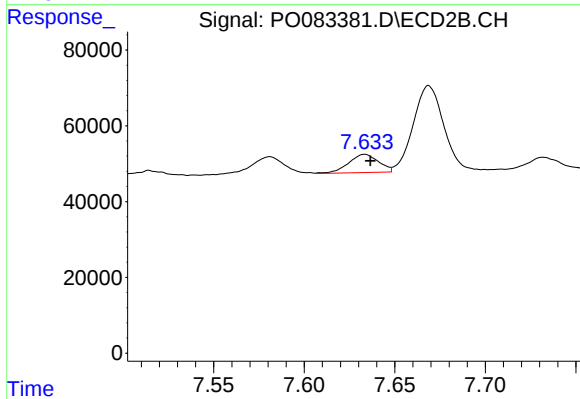
#33 AR-1260-3

R.T.: 7.147 min
Delta R.T.: -0.006 min
Response: 503564
Conc: 245.52 ng/ml



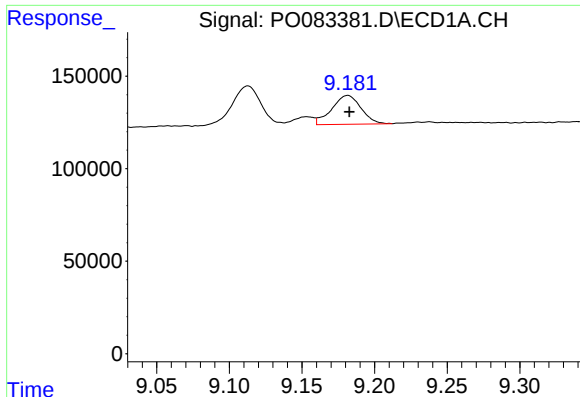
#34 AR-1260-4

R.T.: 8.842 min
Delta R.T.: -0.010 min
Response: 629718
Conc: 194.97 ng/ml



#34 AR-1260-4

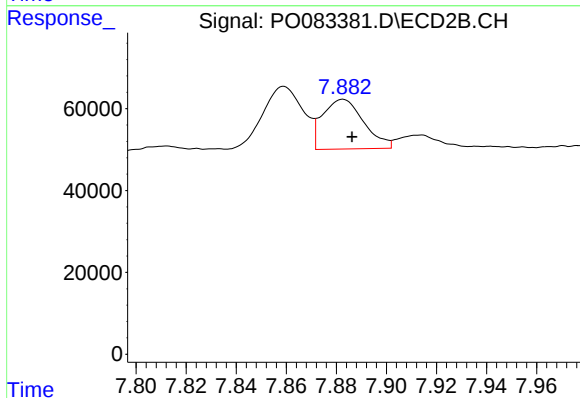
R.T.: 7.633 min
Delta R.T.: -0.003 min
Response: 55297
Conc: 31.42 ng/ml



#35 AR-1260-5

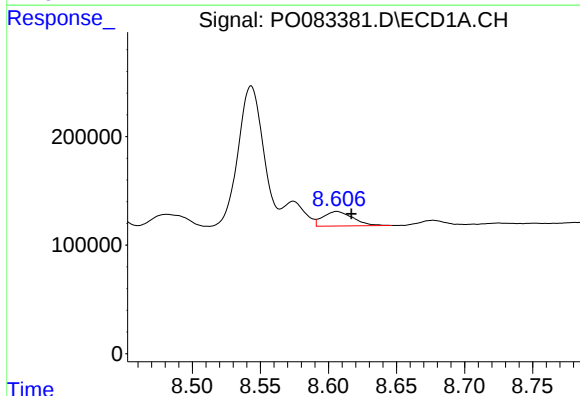
R.T.: 9.182 min
Delta R.T.: -0.001 min
Response: 218949
Conc: 34.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



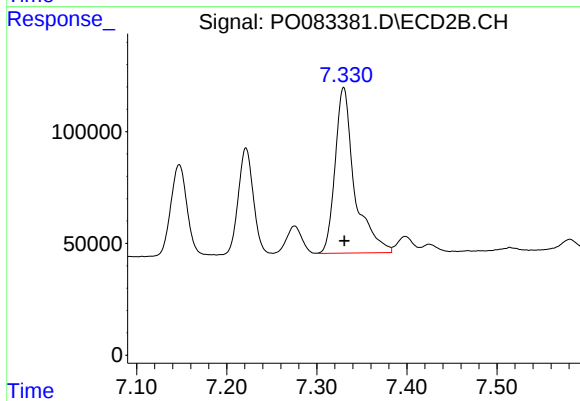
#35 AR-1260-5

R.T.: 7.883 min
Delta R.T.: -0.004 min
Response: 138846
Conc: 31.10 ng/ml



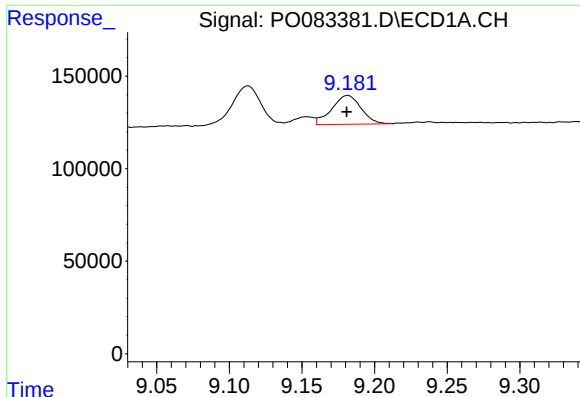
#36 AR-1262-1

R.T.: 8.606 min
Delta R.T.: -0.011 min
Response: 206133
Conc: 55.27 ng/ml



#36 AR-1262-1

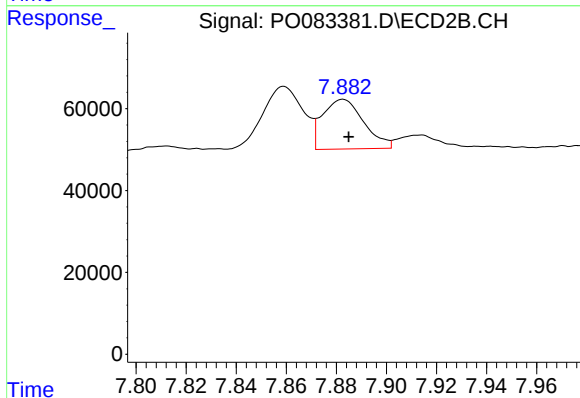
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 1114919
Conc: 915.10 ng/ml



#37 AR-1262-2

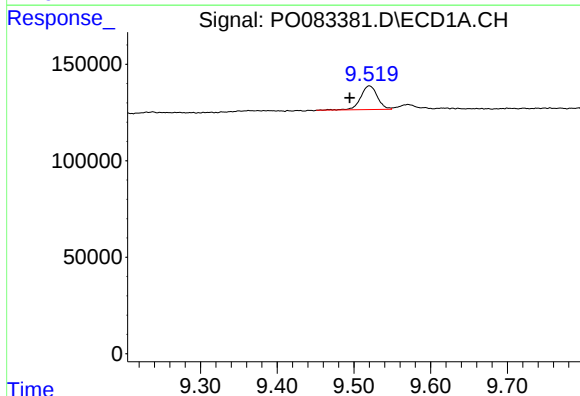
R.T.: 9.182 min
Delta R.T.: 0.000 min
Response: 218949
Conc: 34.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



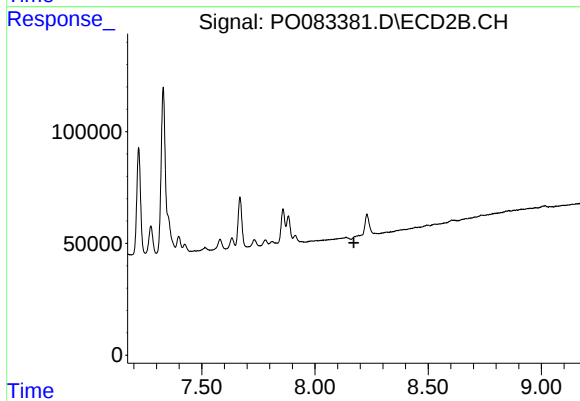
#37 AR-1262-2

R.T.: 7.883 min
Delta R.T.: -0.002 min
Response: 138846
Conc: 30.73 ng/ml



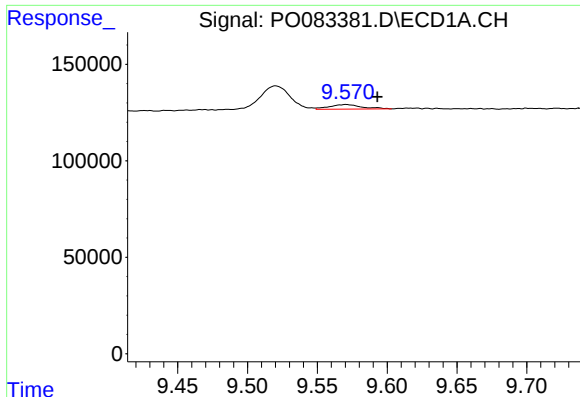
#38 AR-1262-3

R.T.: 9.520 min
Delta R.T.: 0.025 min
Response: 187983
Conc: 61.80 ng/ml



#38 AR-1262-3

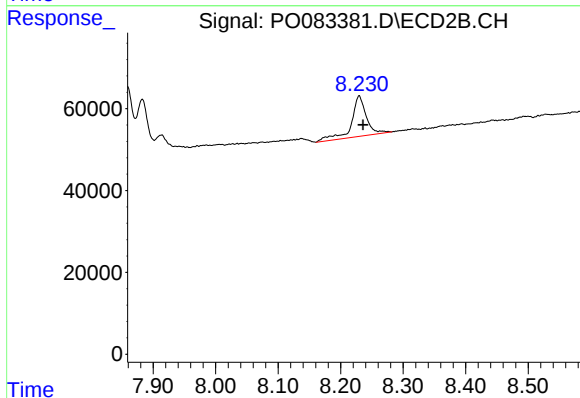
R.T.: 0.000 min
Exp R.T.: 8.172 min
Response: 0
Conc: N.D.



#39 AR-1262-4

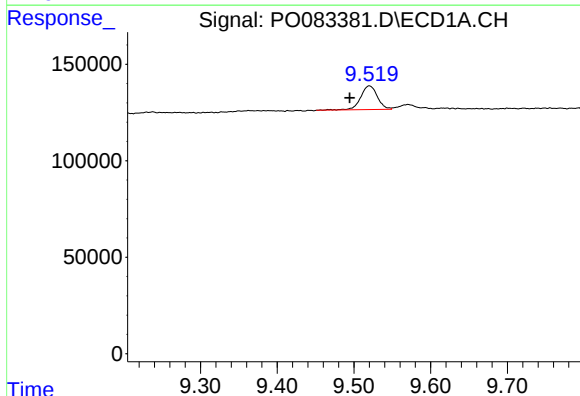
R.T.: 9.571 min
Delta R.T.: -0.022 min
Response: 38889
Conc: 20.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



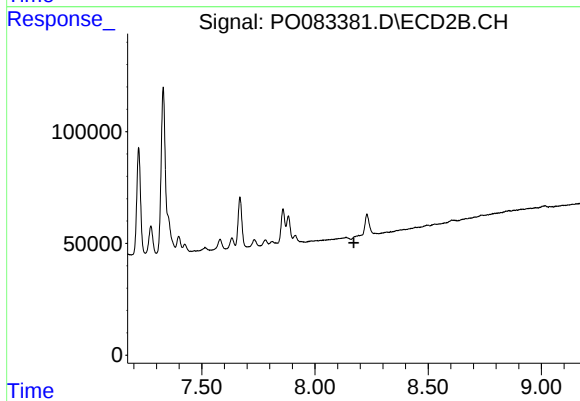
#39 AR-1262-4

R.T.: 8.230 min
Delta R.T.: -0.006 min
Response: 163358
Conc: 51.58 ng/ml



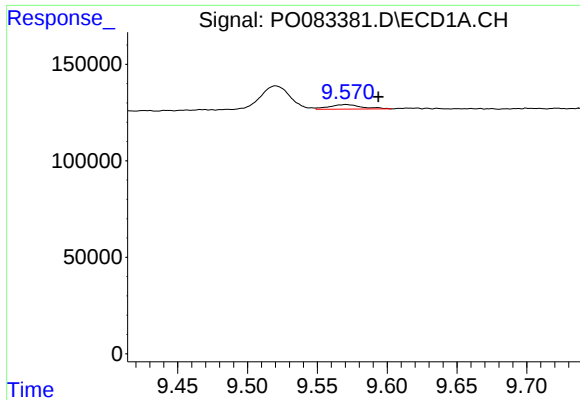
#41 AR-1268-1

R.T.: 9.520 min
Delta R.T.: 0.026 min
Response: 187983
Conc: 22.72 ng/ml



#41 AR-1268-1

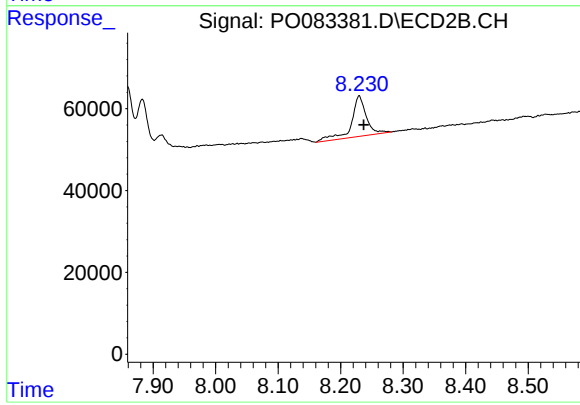
R.T.: 0.000 min
Exp R.T. : 8.172 min
Response: 0
Conc: N.D.



#42 AR-1268-2

R.T.: 9.571 min
Delta R.T.: -0.023 min
Response: 38889
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#42 AR-1268-2

R.T.: 8.230 min
Delta R.T.: -0.007 min
Response: 163358
Conc: 34.01 ng/ml