

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031620\
 Data File : P0067281.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Mar 2020 18:29
 Operator : DD\AJ
 Sample : L1934-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 04:15:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 17 02:39:09 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...	4.107	3.397	640778	298647	24.267	18.794
2)	SA Decachlor...	9.560	8.268	791055	698021	22.492	20.141
Target Compounds							
3)	L1 AR-1016-1	0.000	4.403	0	60579	N.D.	104.861 #
4)	L1 AR-1016-2	0.000	4.403	0	60579	N.D.	49.170 #
5)	L1 AR-1016-3	0.000	4.631	0	8300	N.D.	15.337 #
6)	L1 AR-1016-4	5.496	4.681	141648	6005	181.108	10.389 #
7)	L1 AR-1016-5	0.000	4.885	0	9407	N.D.	14.395 #
9)	L2 AR-1221-2	0.000	3.686	0	7356	N.D.	44.583 #
10)	L2 AR-1221-3	4.531	3.755	55338	13528	82.199	24.743 #
11)	L3 AR-1232-1	4.531	3.755	55338	13528	112.576	35.057 #
12)	L3 AR-1232-2	0.000	4.403	0	60579	N.D.	148.802 #
13)	L3 AR-1232-3	0.000	4.631	0	8300	N.D.	48.283 #
14)	L3 AR-1232-4	5.496	4.723	141648	77317	527.461	386.084 #
15)	L3 AR-1232-5	5.496	4.885	141648	9407	721.480	45.435 #
16)	L4 AR-1242-1	0.000	4.403	0	60579	N.D.	180.669 #
17)	L4 AR-1242-2	0.000	4.403	0	60579	N.D.	75.971 #
18)	L4 AR-1242-3	0.000	4.631	0	8300	N.D.	26.461 #
19)	L4 AR-1242-4	5.496	4.723	141648	77317	283.989	193.096 #
20)	L4 AR-1242-5	0.000	5.232	0	36547	N.D.	74.782 #
21)	L5 AR-1248-1	0.000	4.403	0	60579	N.D.	212.791 #
22)	L5 AR-1248-2	5.496	4.681	141648	6005	201.489	10.234 #
23)	L5 AR-1248-3	0.000	4.723	0	77317	N.D.	131.676 #
24)	L5 AR-1248-4	0.000	4.885	0	9407	N.D.	14.326 #
25)	L5 AR-1248-5	0.000	5.269	0	13610	N.D.	21.175 #
26)	L6 AR-1254-1	0.000	5.232	0	36547	N.D.	33.493 #
27)	L6 AR-1254-2	6.308	5.377	80668	18833	50.118	18.442 #
28)	L6 AR-1254-3	6.680	5.790	250149	189148	144.052	121.671
29)	L6 AR-1254-4	6.950	5.999	82655	32689	53.173	27.386 #
30)	L6 AR-1254-5	7.388	6.411	1851480	1556225	1168.443	1066.990
31)	L7 AR-1260-1	0.000	5.898	0	36389	N.D.	25.581 #
32)	L7 AR-1260-2	7.080	6.089	736167	50845	312.335	28.193 #
33)	L7 AR-1260-3	7.388	6.232	1851480	32590	932.066	21.331 #
34)	L7 AR-1260-4	0.000	6.701	0	12823	N.D.	9.316 #
35)	L7 AR-1260-5	7.965	6.943	75108	52972	16.555	16.291
36)	L8 AR-1262-1	7.388	6.411	1851480	1556225	775.393	2191.502 #
37)	L8 AR-1262-2	7.965	6.943	75108	52972	18.038	18.956
38)	L8 AR-1262-3	0.000	7.221	0	25322	N.D.	19.724 #
39)	L8 AR-1262-4	0.000	7.284	0	57886	N.D.	26.342 #
40)	L8 AR-1262-5	0.000	7.785	0	154124	N.D.	146.431 #
41)	L9 AR-1268-1	0.000	7.221	0	25322	N.D.	6.829 #
42)	L9 AR-1268-2	0.000	7.284	0	57886	N.D.	17.348 #

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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
43) L9	AR-1268-3	0.000	7.484	0	28152	N.D.	9.984 #
44) L9	AR-1268-4	0.000	7.785	0	154124	N.D.	122.507 #
45) L9	AR-1268-5	0.000	8.044	0	15060	N.D.	1.527 #

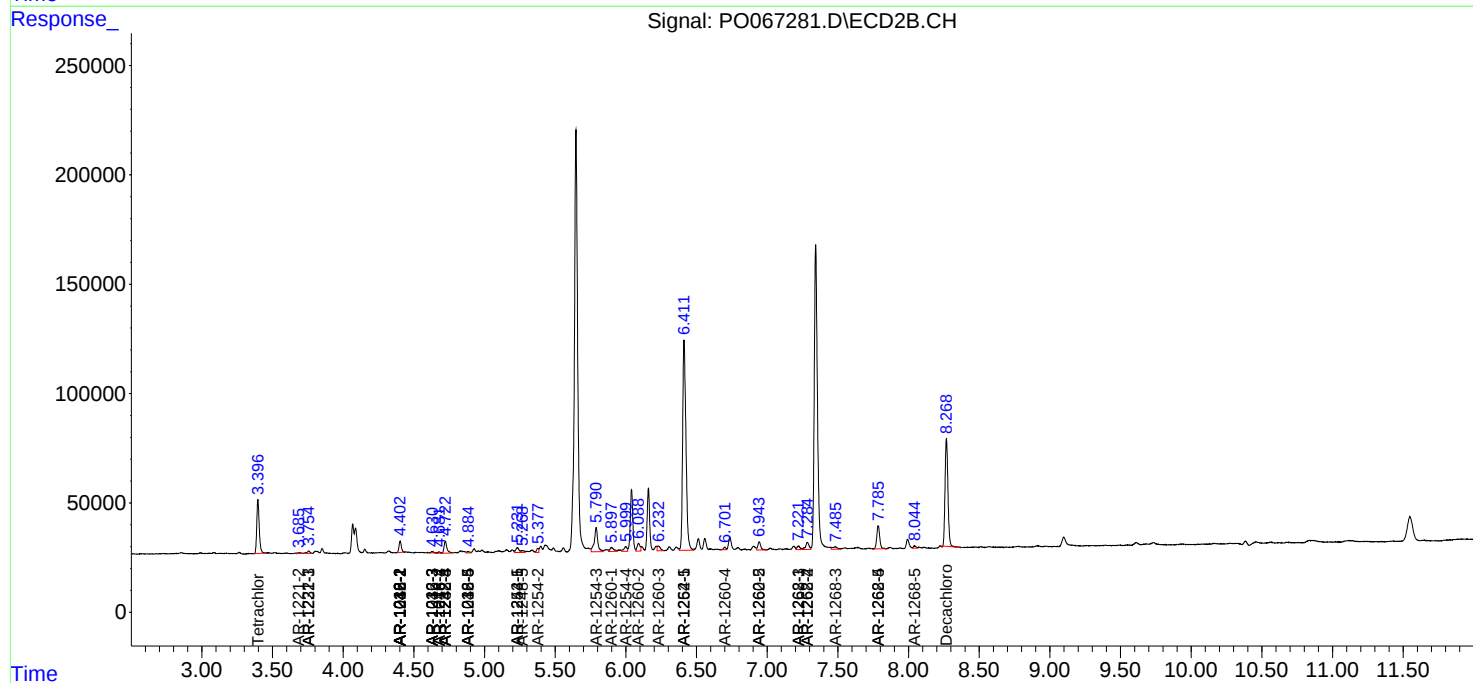
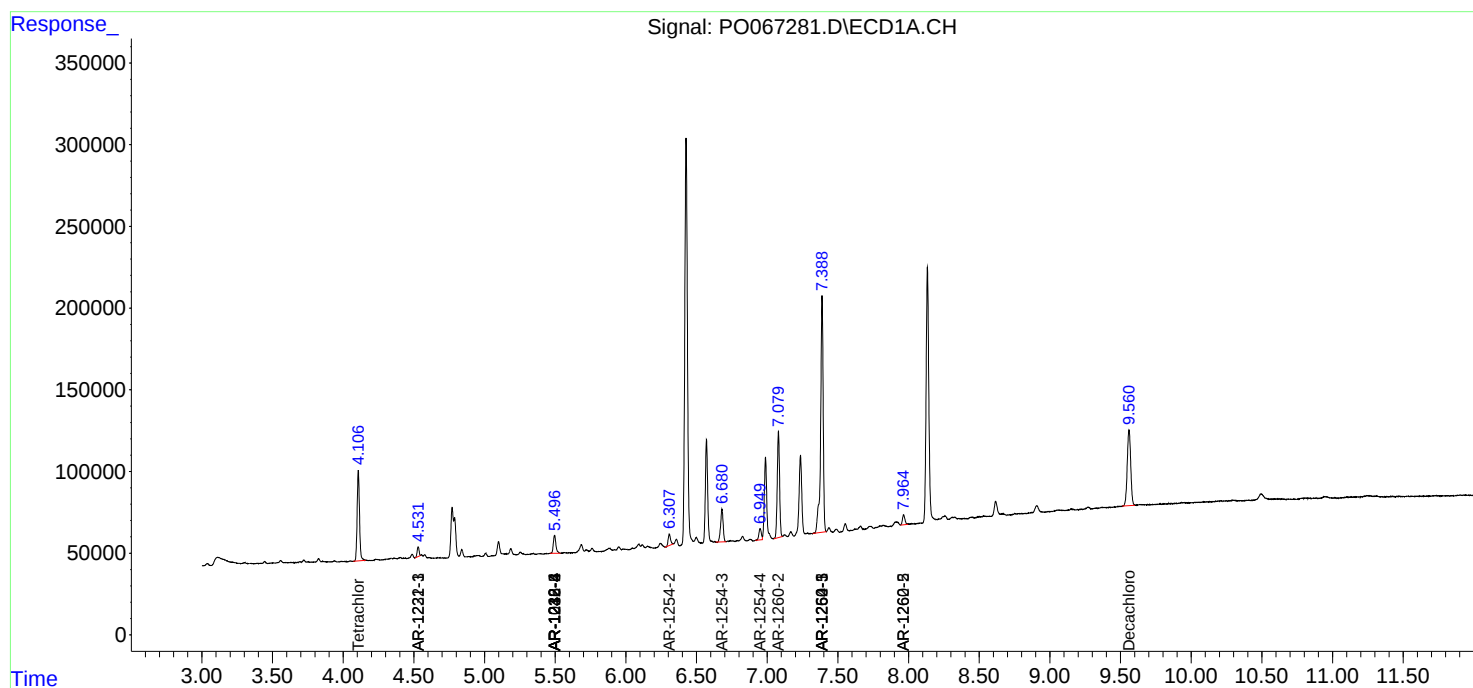
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

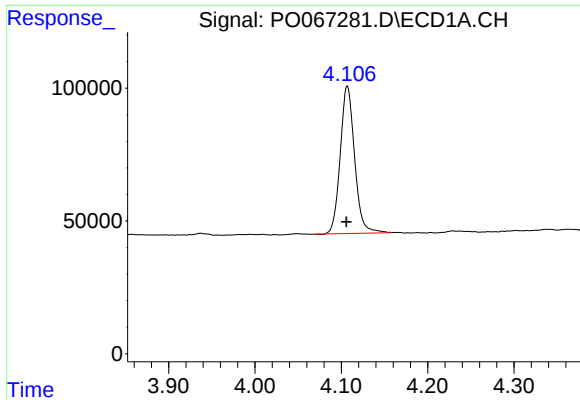
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

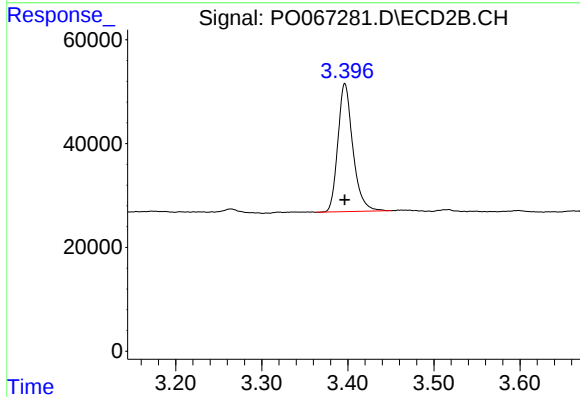




#1 Tetrachloro-m-xylene

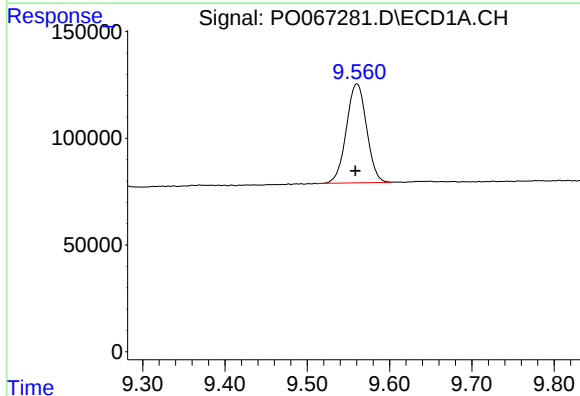
R.T.: 4.107 min
Delta R.T.: 0.000 min
Response: 640778
Conc: 24.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



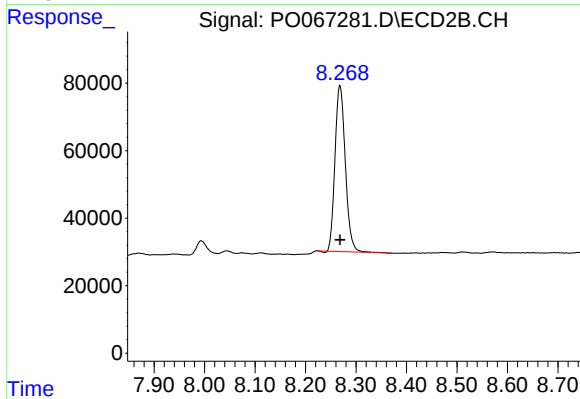
#1 Tetrachloro-m-xylene

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 298647
Conc: 18.79 ng/ml



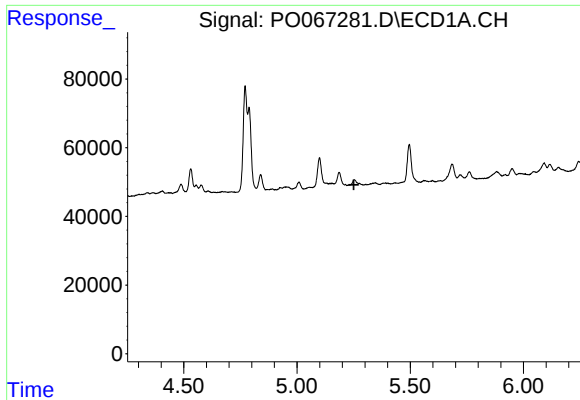
#2 Decachlorobiphenyl

R.T.: 9.560 min
Delta R.T.: 0.002 min
Response: 791055
Conc: 22.49 ng/ml



#2 Decachlorobiphenyl

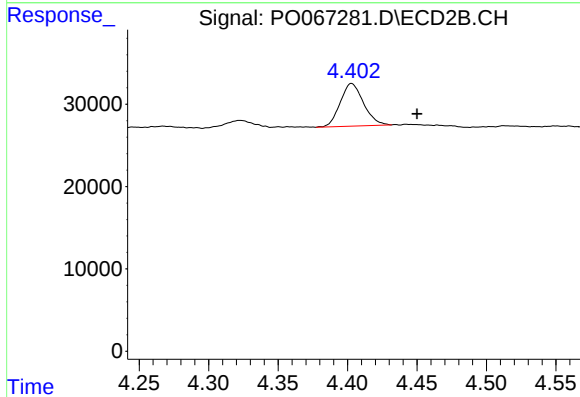
R.T.: 8.268 min
Delta R.T.: 0.000 min
Response: 698021
Conc: 20.14 ng/ml



#3 AR-1016-1

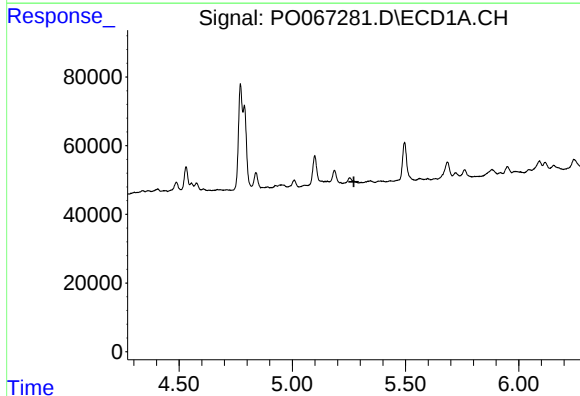
R.T.: 0.000 min
Exp R.T.: 5.251 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



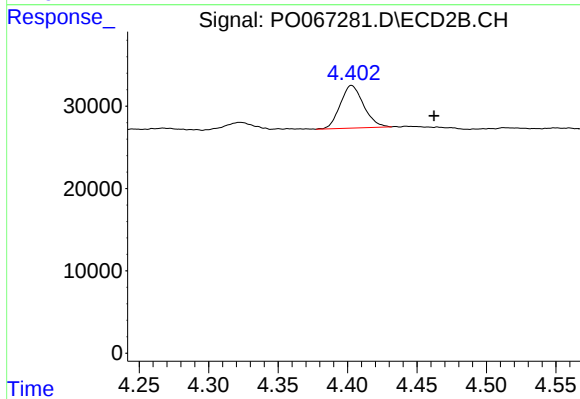
#3 AR-1016-1

R.T.: 4.403 min
Delta R.T.: -0.047 min
Response: 60579
Conc: 104.86 ng/ml



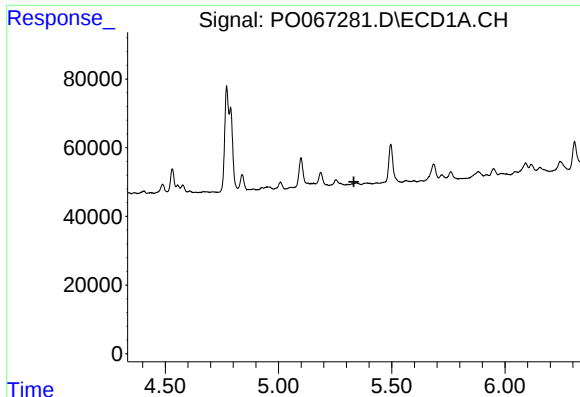
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.272 min
Response: 0
Conc: N.D.



#4 AR-1016-2

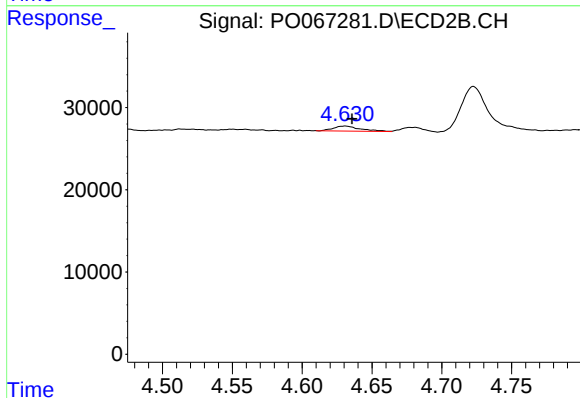
R.T.: 4.403 min
Delta R.T.: -0.059 min
Response: 60579
Conc: 49.17 ng/ml



#5 AR-1016-3

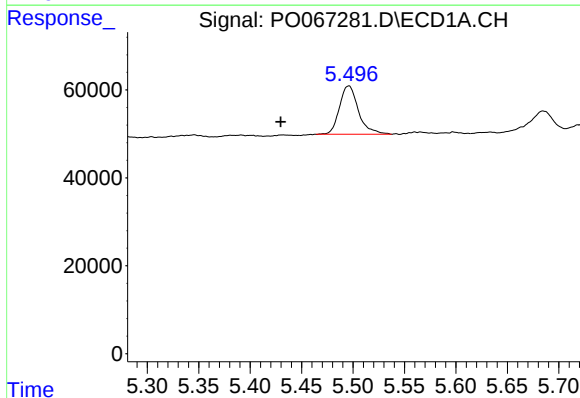
R.T.: 0.000 min
Exp R.T.: 5.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



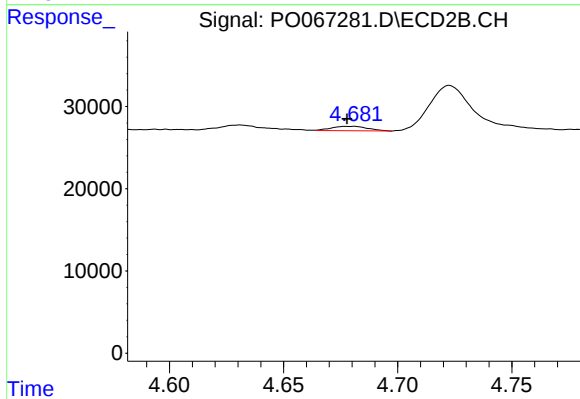
#5 AR-1016-3

R.T.: 4.631 min
Delta R.T.: -0.005 min
Response: 8300
Conc: 15.34 ng/ml



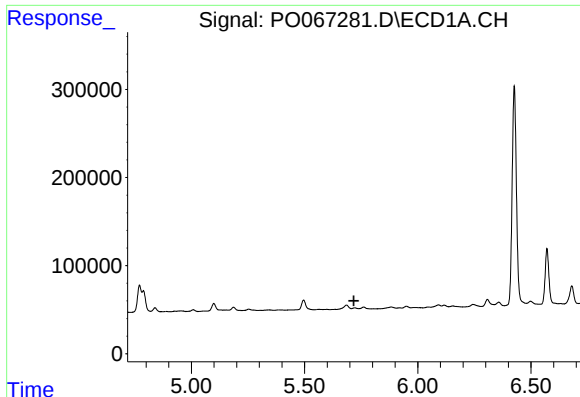
#6 AR-1016-4

R.T.: 5.496 min
Delta R.T.: 0.066 min
Response: 141648
Conc: 181.11 ng/ml



#6 AR-1016-4

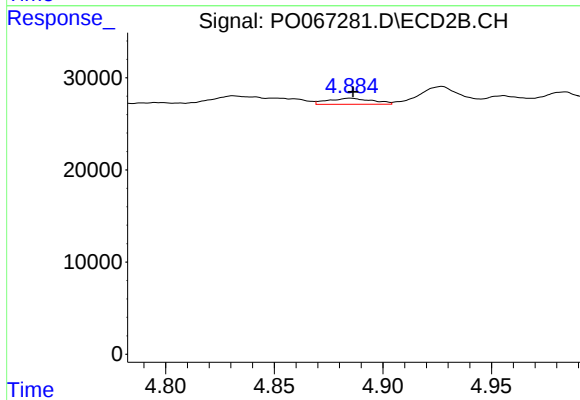
R.T.: 4.681 min
Delta R.T.: 0.003 min
Response: 6005
Conc: 10.39 ng/ml



#7 AR-1016-5

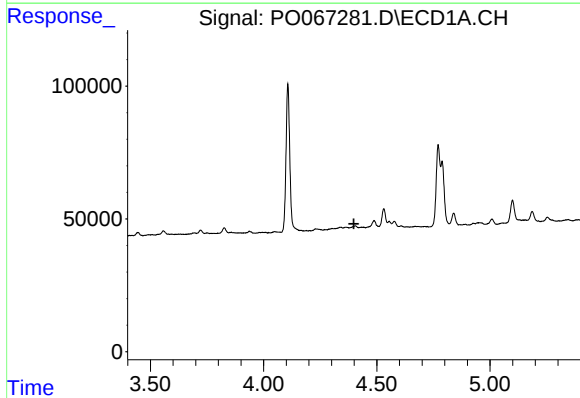
R.T.: 0.000 min
Exp R.T.: 5.718 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



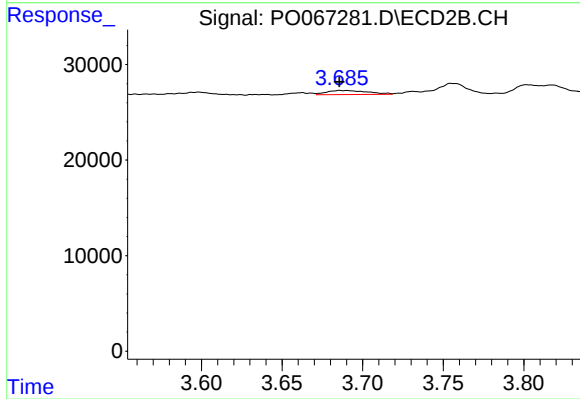
#7 AR-1016-5

R.T.: 4.885 min
Delta R.T.: -0.001 min
Response: 9407
Conc: 14.39 ng/ml



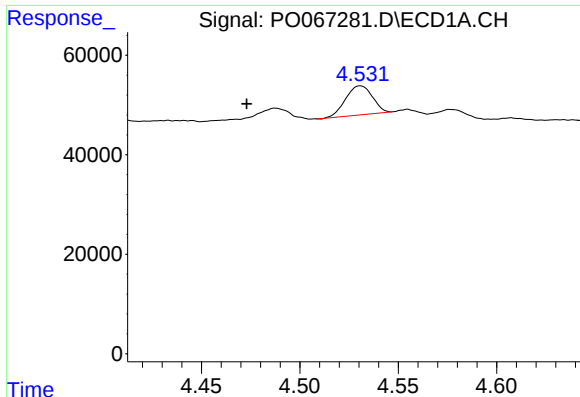
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.399 min
Response: 0
Conc: N.D.



#9 AR-1221-2

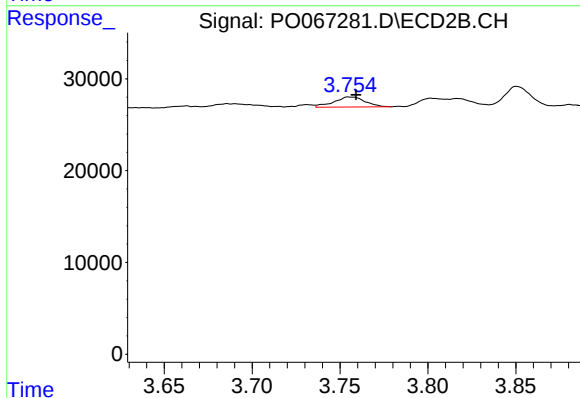
R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 7356
Conc: 44.58 ng/ml



#10 AR-1221-3

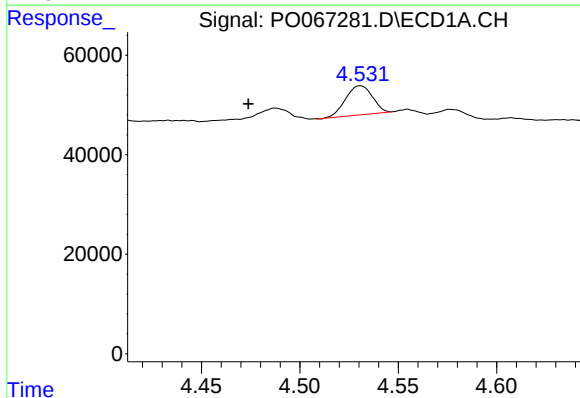
R.T.: 4.531 min
Delta R.T.: 0.058 min
Response: 55338
Conc: 82.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



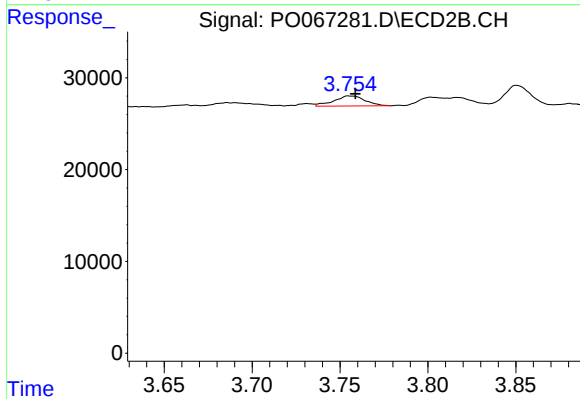
#10 AR-1221-3

R.T.: 3.755 min
Delta R.T.: -0.004 min
Response: 13528
Conc: 24.74 ng/ml



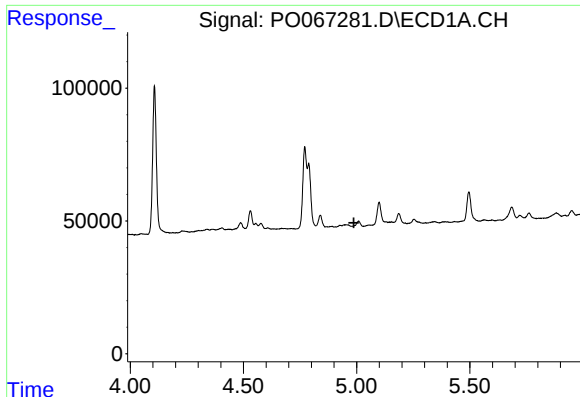
#11 AR-1232-1

R.T.: 4.531 min
Delta R.T.: 0.057 min
Response: 55338
Conc: 112.58 ng/ml



#11 AR-1232-1

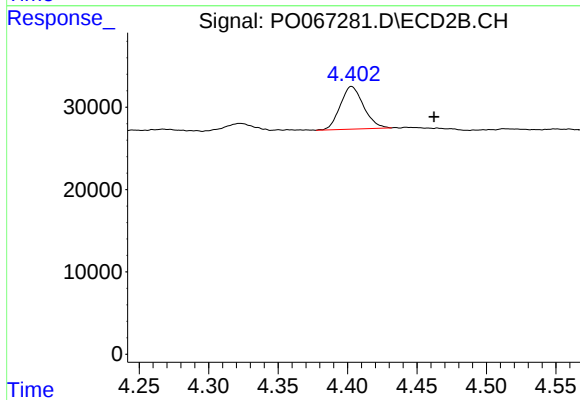
R.T.: 3.755 min
Delta R.T.: -0.004 min
Response: 13528
Conc: 35.06 ng/ml



#12 AR-1232-2

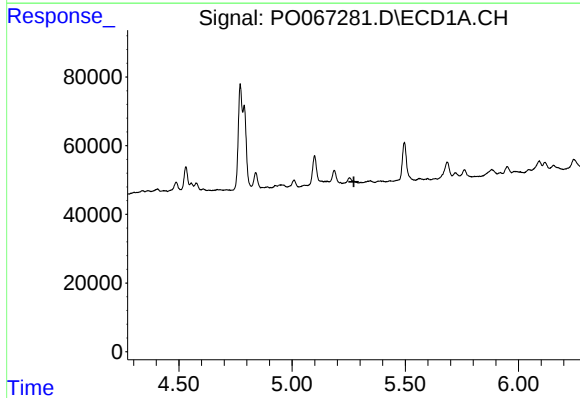
R.T.: 0.000 min
Exp R.T.: 4.988 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



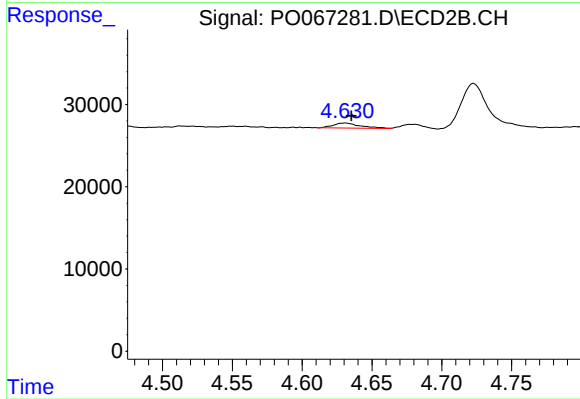
#12 AR-1232-2

R.T.: 4.403 min
Delta R.T.: -0.059 min
Response: 60579
Conc: 148.80 ng/ml



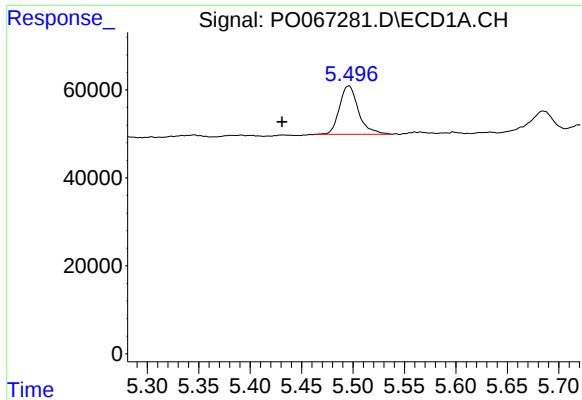
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.273 min
Response: 0
Conc: N.D.



#13 AR-1232-3

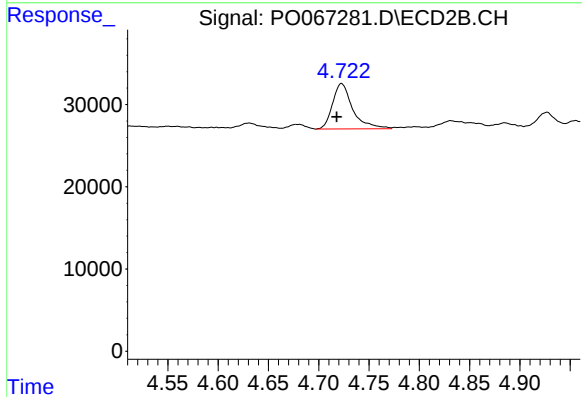
R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 8300
Conc: 48.28 ng/ml



#14 AR-1232-4

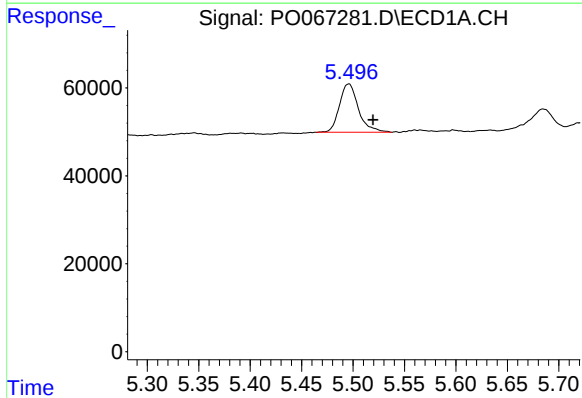
R.T.: 5.496 min
Delta R.T.: 0.065 min
Response: 141648
Conc: 527.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



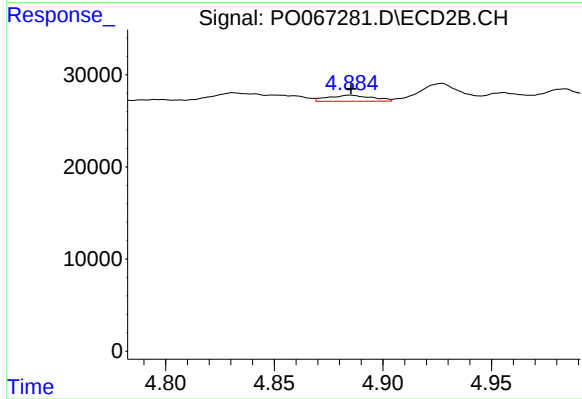
#14 AR-1232-4

R.T.: 4.723 min
Delta R.T.: 0.005 min
Response: 77317
Conc: 386.08 ng/ml



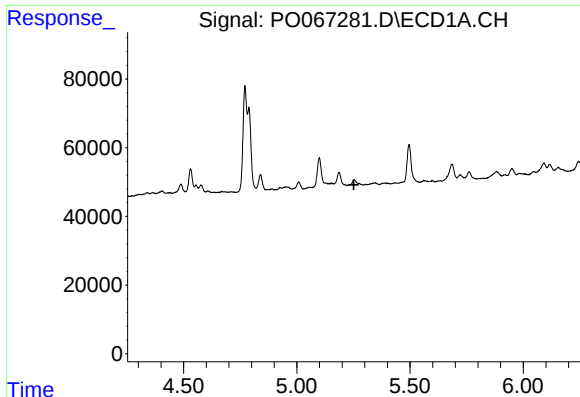
#15 AR-1232-5

R.T.: 5.496 min
Delta R.T.: -0.023 min
Response: 141648
Conc: 721.48 ng/ml



#15 AR-1232-5

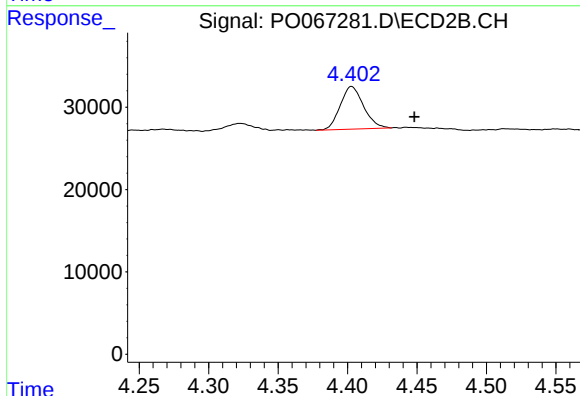
R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 9407
Conc: 45.44 ng/ml



#16 AR-1242-1

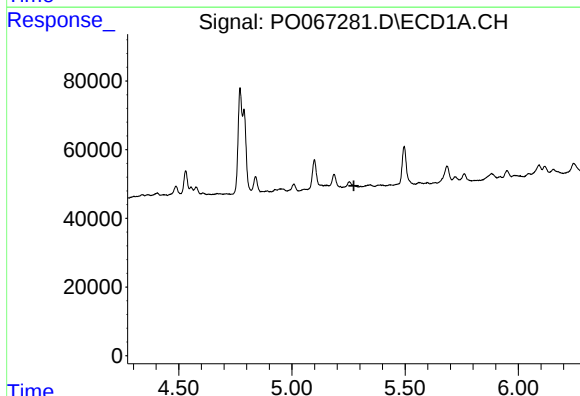
R.T.: 0.000 min
Exp R.T.: 5.252 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



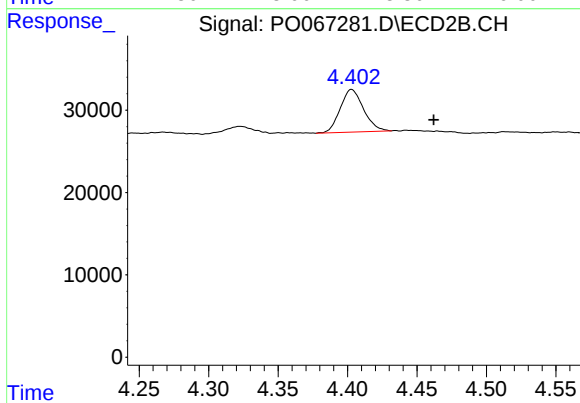
#16 AR-1242-1

R.T.: 4.403 min
Delta R.T.: -0.045 min
Response: 60579
Conc: 180.67 ng/ml



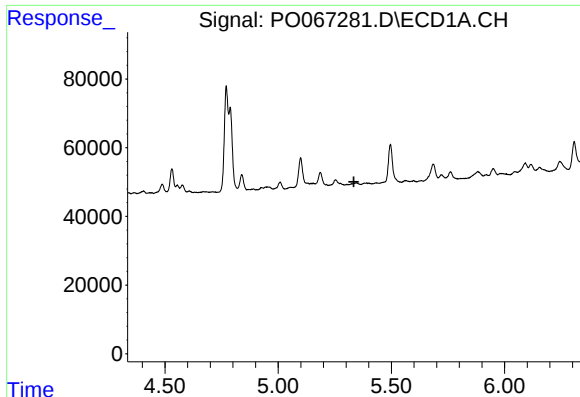
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.273 min
Response: 0
Conc: N.D.



#17 AR-1242-2

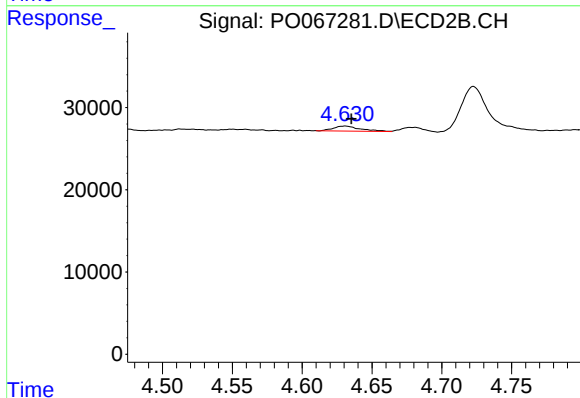
R.T.: 4.403 min
Delta R.T.: -0.059 min
Response: 60579
Conc: 75.97 ng/ml



#18 AR-1242-3

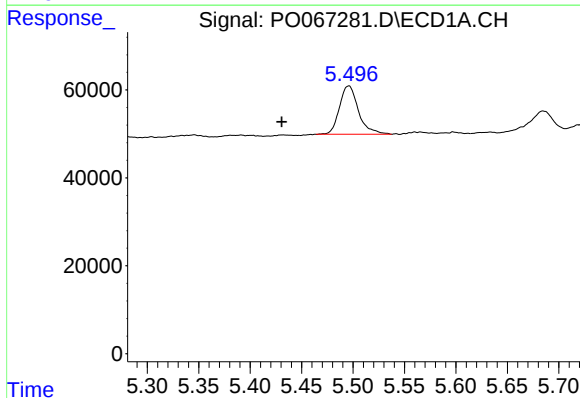
R.T.: 0.000 min
Exp R.T.: 5.334 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



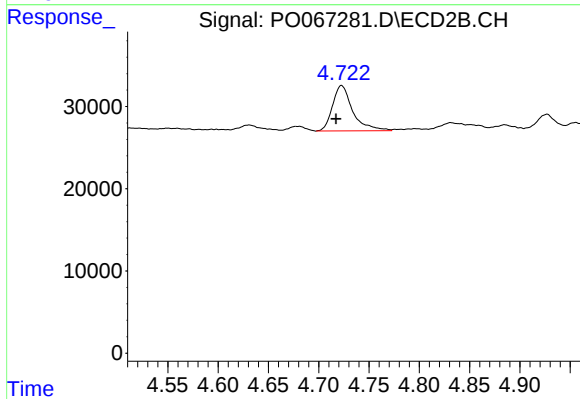
#18 AR-1242-3

R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 8300
Conc: 26.46 ng/ml



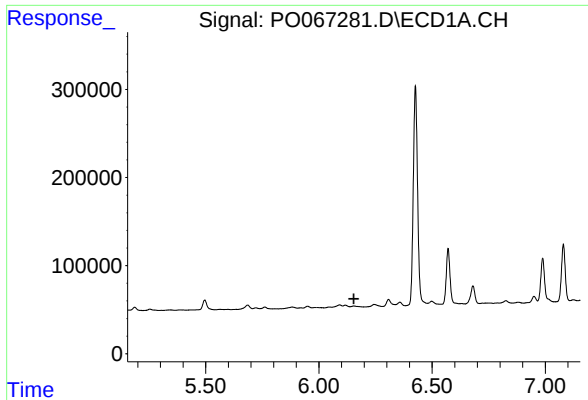
#19 AR-1242-4

R.T.: 5.496 min
Delta R.T.: 0.065 min
Response: 141648
Conc: 283.99 ng/ml



#19 AR-1242-4

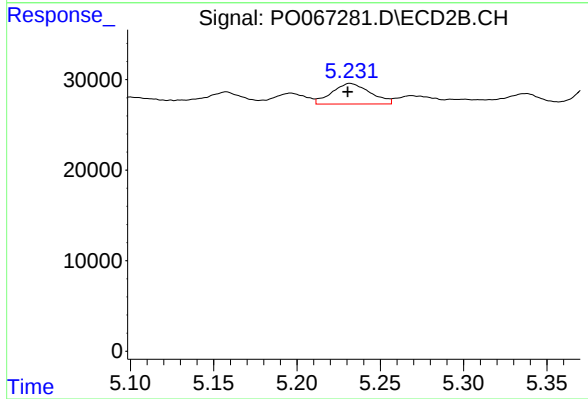
R.T.: 4.723 min
Delta R.T.: 0.006 min
Response: 77317
Conc: 193.10 ng/ml



#20 AR-1242-5

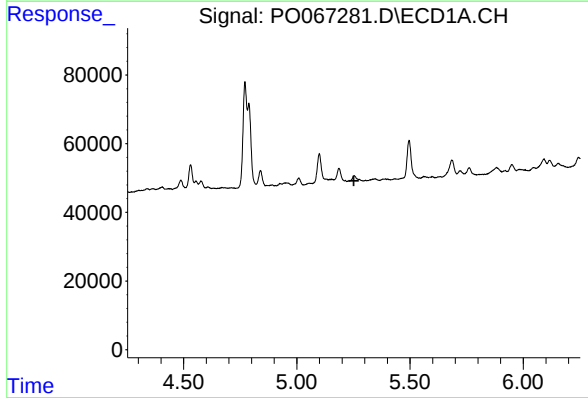
R.T.: 0.000 min
Exp R.T.: 6.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



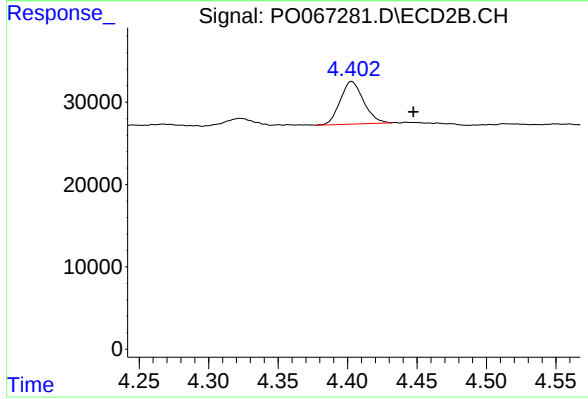
#20 AR-1242-5

R.T.: 5.232 min
Delta R.T.: 0.002 min
Response: 36547
Conc: 74.78 ng/ml



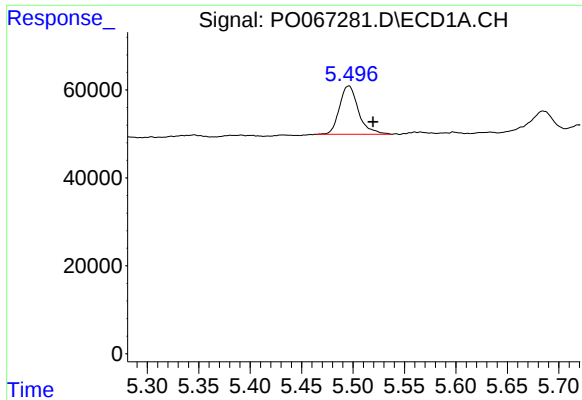
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.252 min
Response: 0
Conc: N.D.



#21 AR-1248-1

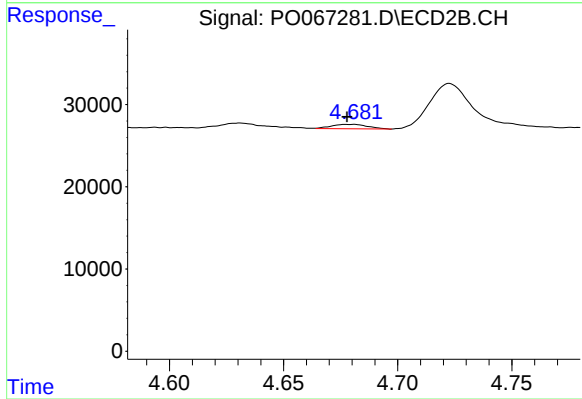
R.T.: 4.403 min
Delta R.T.: -0.044 min
Response: 60579
Conc: 212.79 ng/ml



#22 AR-1248-2

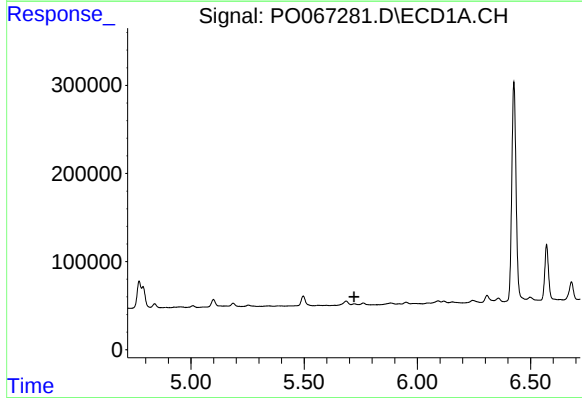
R.T.: 5.496 min
Delta R.T.: -0.023 min
Response: 141648
Conc: 201.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



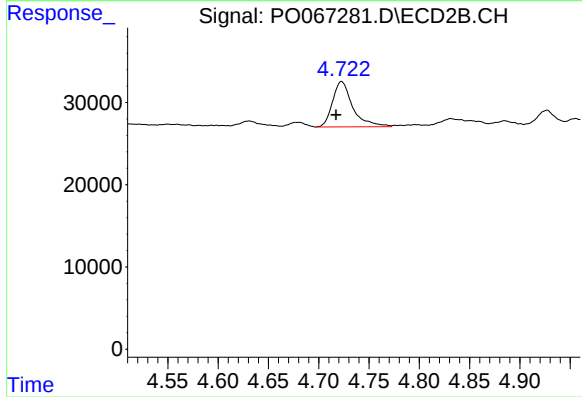
#22 AR-1248-2

R.T.: 4.681 min
Delta R.T.: 0.003 min
Response: 6005
Conc: 10.23 ng/ml



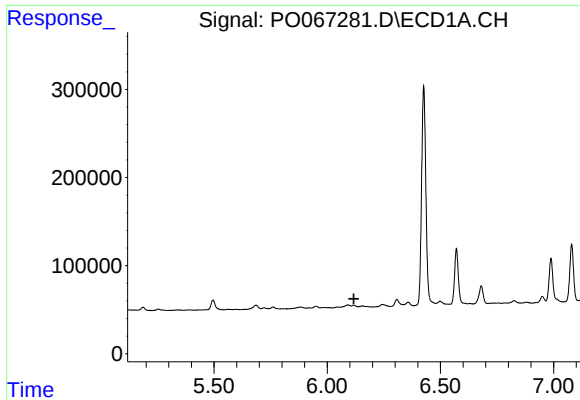
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.720 min
Response: 0
Conc: N.D.



#23 AR-1248-3

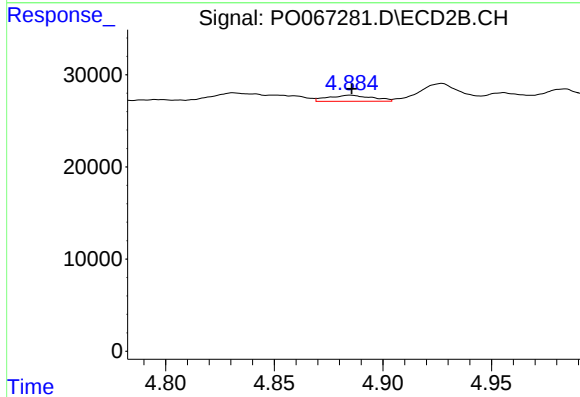
R.T.: 4.723 min
Delta R.T.: 0.005 min
Response: 77317
Conc: 131.68 ng/ml



#24 AR-1248-4

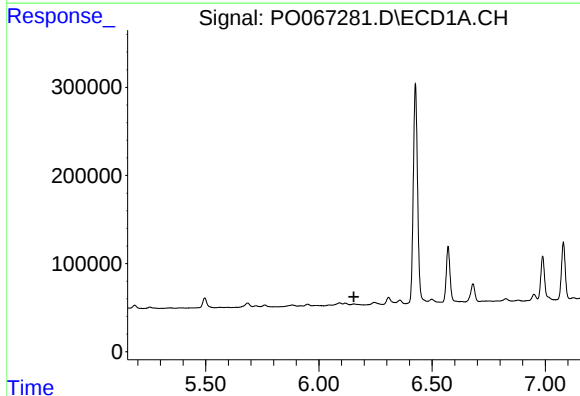
R.T.: 0.000 min
Exp R.T.: 6.118 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



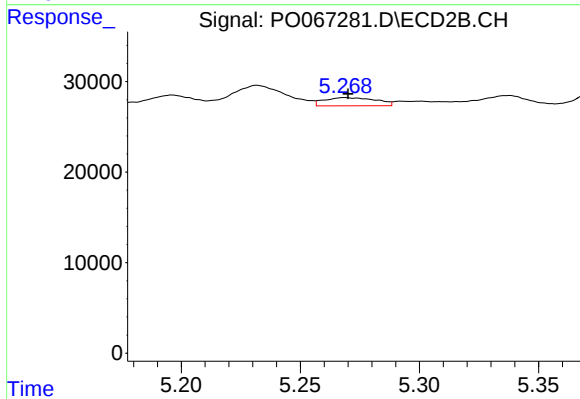
#24 AR-1248-4

R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 9407
Conc: 14.33 ng/ml



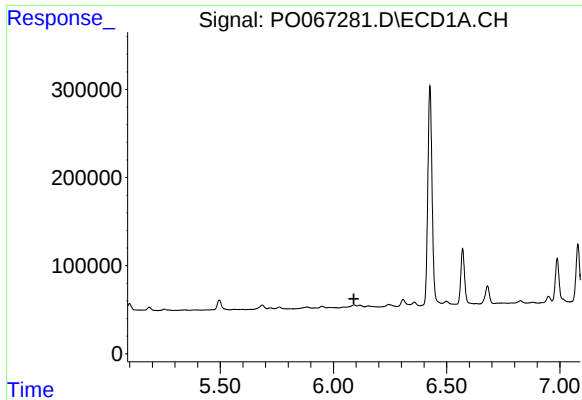
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.154 min
Response: 0
Conc: N.D.



#25 AR-1248-5

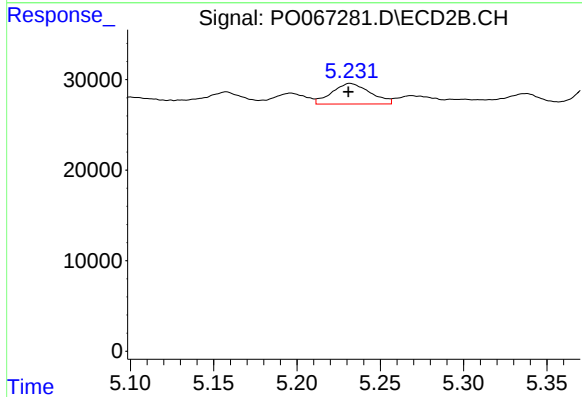
R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 13610
Conc: 21.18 ng/ml



#26 AR-1254-1

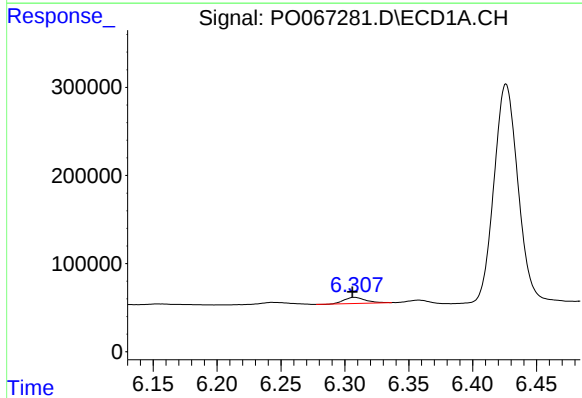
R.T.: 0.000 min
Exp R.T.: 6.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



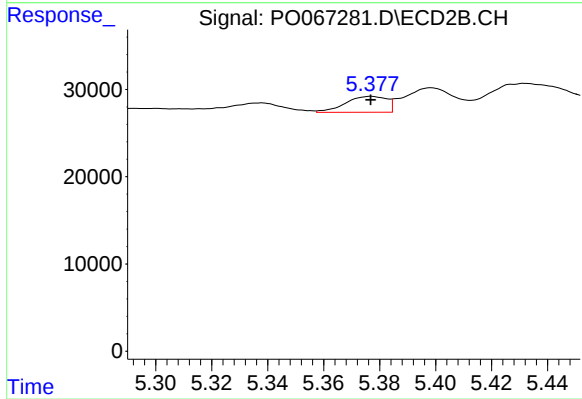
#26 AR-1254-1

R.T.: 5.232 min
Delta R.T.: 0.001 min
Response: 36547
Conc: 33.49 ng/ml



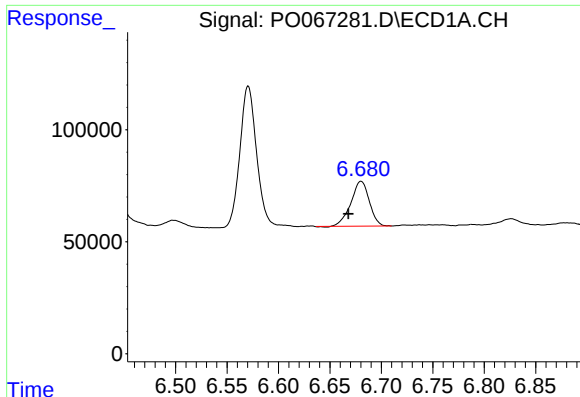
#27 AR-1254-2

R.T.: 6.308 min
Delta R.T.: 0.002 min
Response: 80668
Conc: 50.12 ng/ml



#27 AR-1254-2

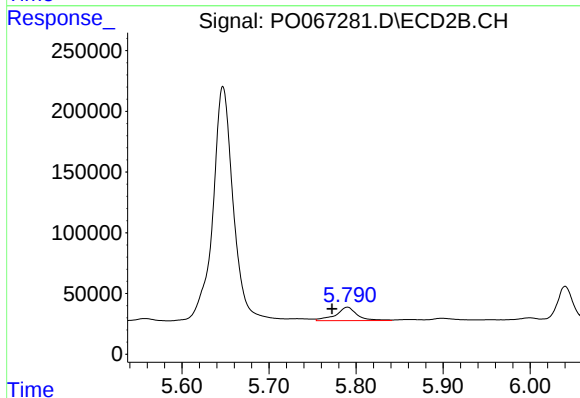
R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 18833
Conc: 18.44 ng/ml



#28 AR-1254-3

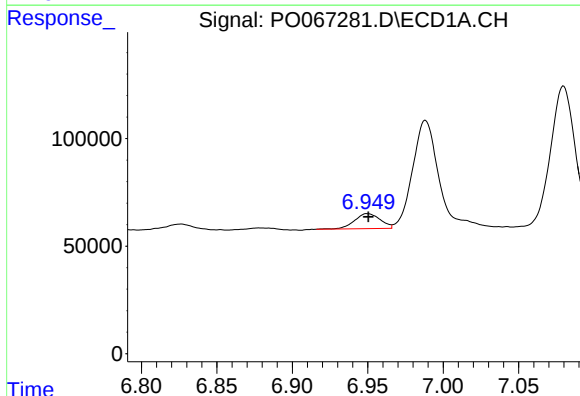
R.T.: 6.680 min
Delta R.T.: 0.013 min
Response: 250149
Conc: 144.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



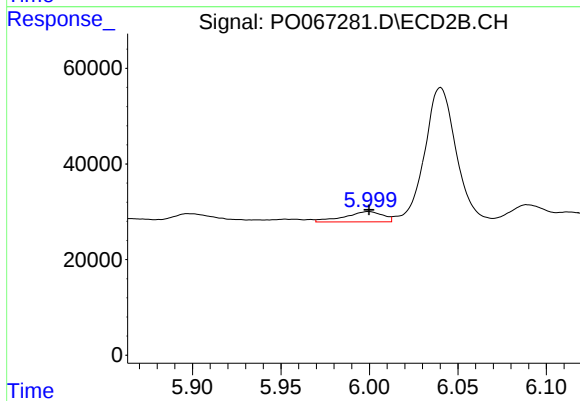
#28 AR-1254-3

R.T.: 5.790 min
Delta R.T.: 0.018 min
Response: 189148
Conc: 121.67 ng/ml



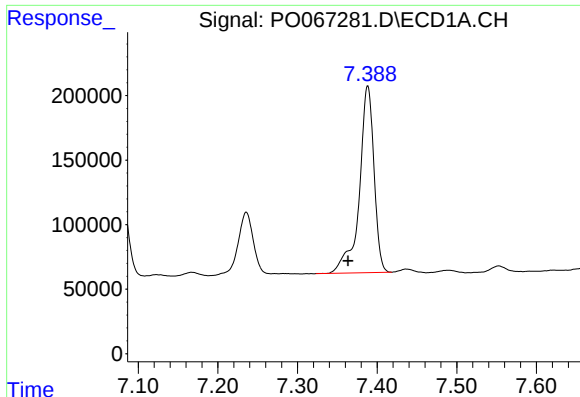
#29 AR-1254-4

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 82655
Conc: 53.17 ng/ml



#29 AR-1254-4

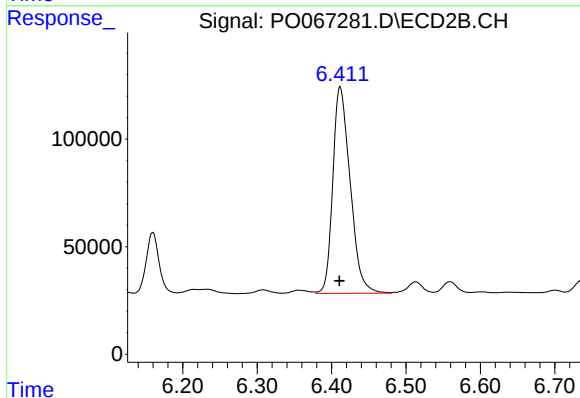
R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 32689
Conc: 27.39 ng/ml



#30 AR-1254-5

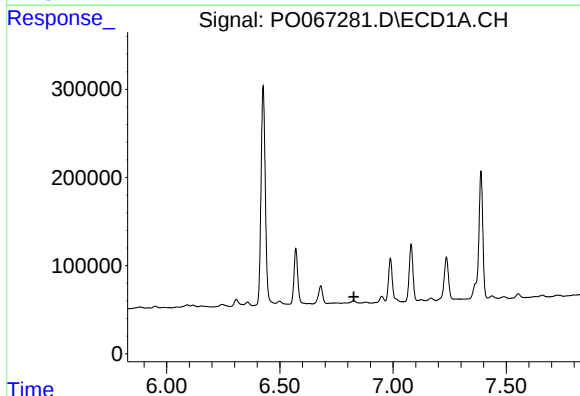
R.T.: 7.388 min
Delta R.T.: 0.025 min
Response: 1851480
Conc: 1168.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



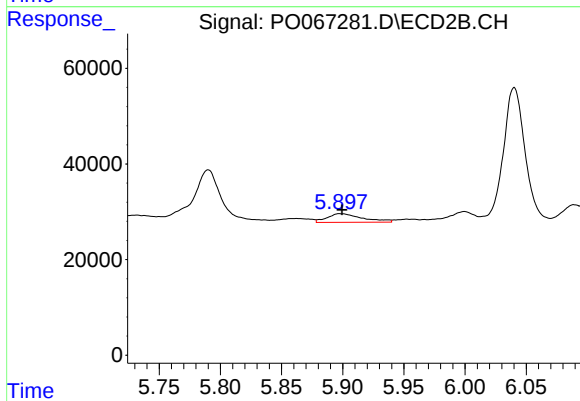
#30 AR-1254-5

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 1556225
Conc: 1066.99 ng/ml



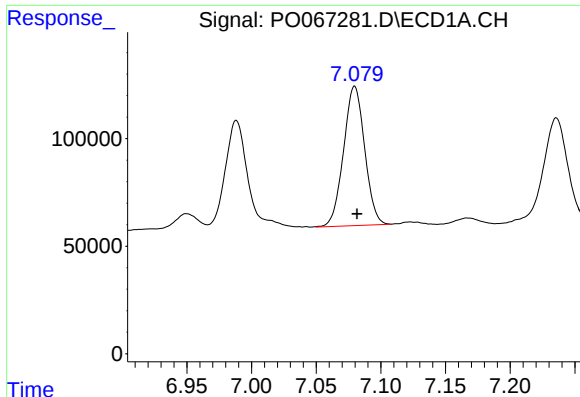
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.827 min
Response: 0
Conc: N.D.



#31 AR-1260-1

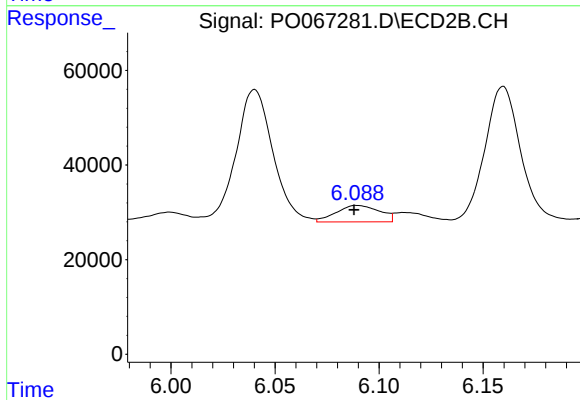
R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 36389
Conc: 25.58 ng/ml



#32 AR-1260-2

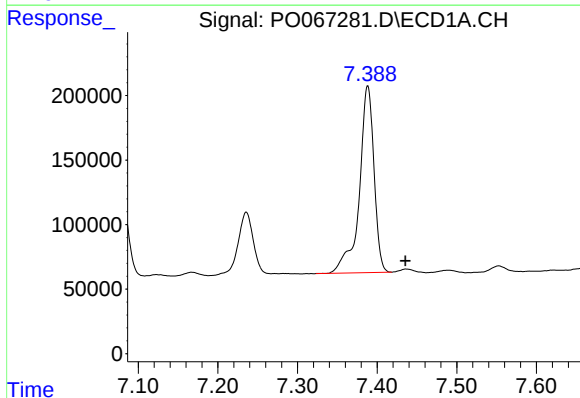
R.T.: 7.080 min
Delta R.T.: -0.002 min
Response: 736167
Conc: 312.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



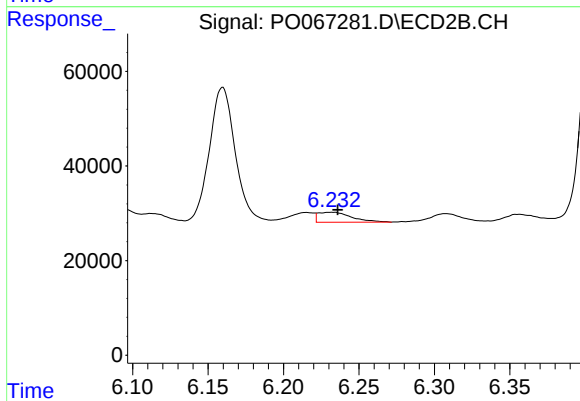
#32 AR-1260-2

R.T.: 6.089 min
Delta R.T.: 0.001 min
Response: 50845
Conc: 28.19 ng/ml



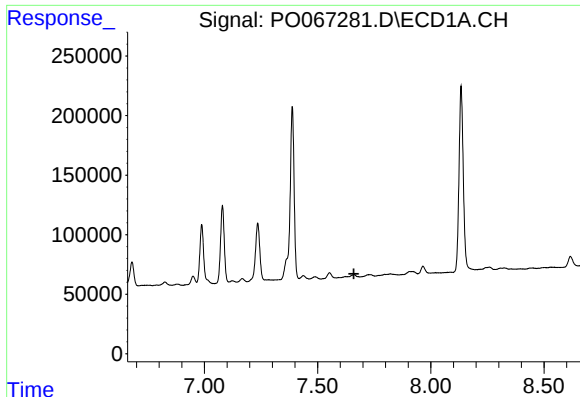
#33 AR-1260-3

R.T.: 7.388 min
Delta R.T.: -0.047 min
Response: 1851480
Conc: 932.07 ng/ml



#33 AR-1260-3

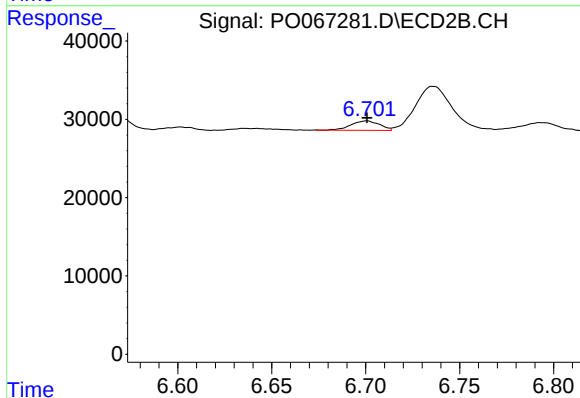
R.T.: 6.232 min
Delta R.T.: -0.004 min
Response: 32590
Conc: 21.33 ng/ml



#34 AR-1260-4

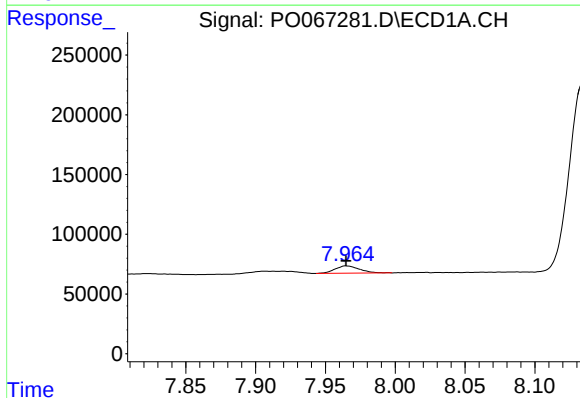
R.T.: 0.000 min
Exp R.T.: 7.660 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



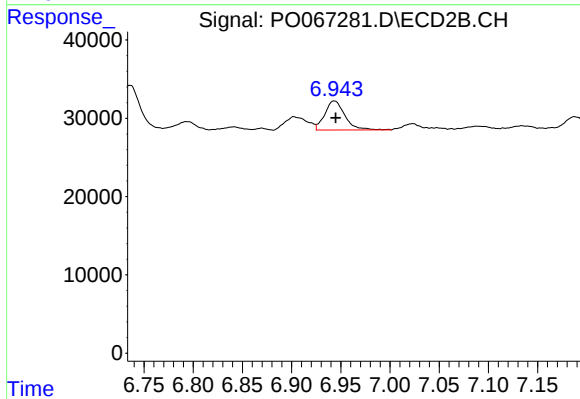
#34 AR-1260-4

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 12823
Conc: 9.32 ng/ml



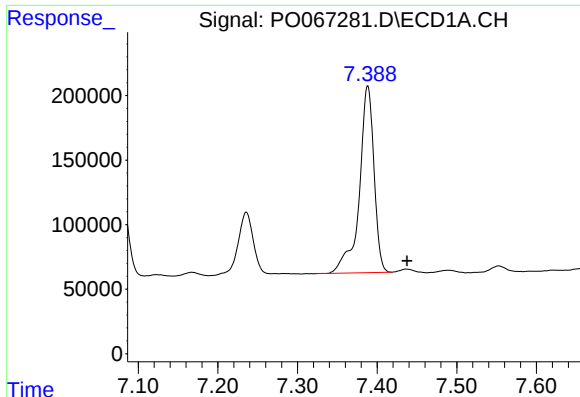
#35 AR-1260-5

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 75108
Conc: 16.55 ng/ml



#35 AR-1260-5

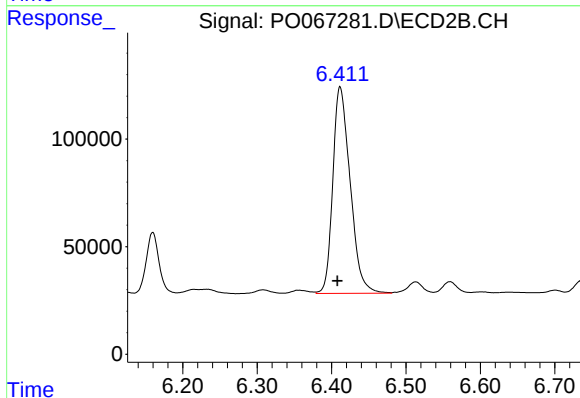
R.T.: 6.943 min
Delta R.T.: -0.001 min
Response: 52972
Conc: 16.29 ng/ml



#36 AR-1262-1

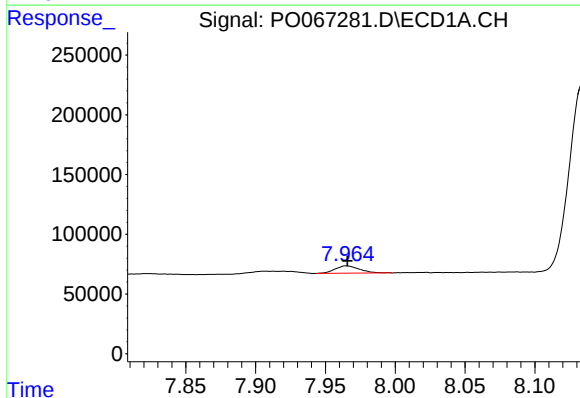
R.T.: 7.388 min
Delta R.T.: -0.049 min
Response: 1851480
Conc: 775.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



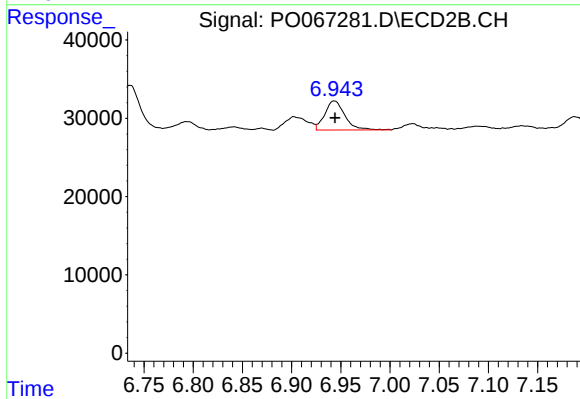
#36 AR-1262-1

R.T.: 6.411 min
Delta R.T.: 0.003 min
Response: 1556225
Conc: 2191.50 ng/ml



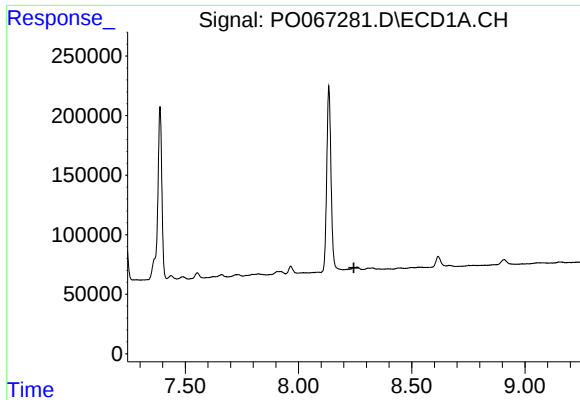
#37 AR-1262-2

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 75108
Conc: 18.04 ng/ml



#37 AR-1262-2

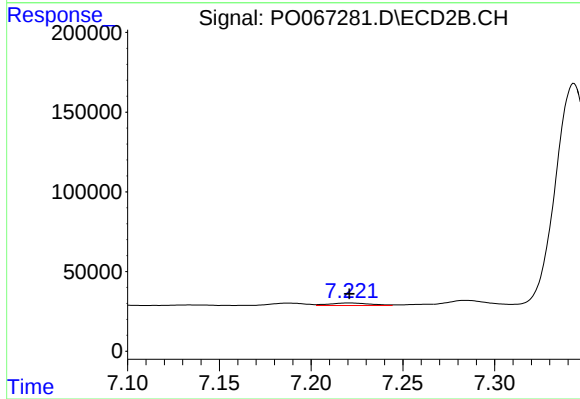
R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 52972
Conc: 18.96 ng/ml



#38 AR-1262-3

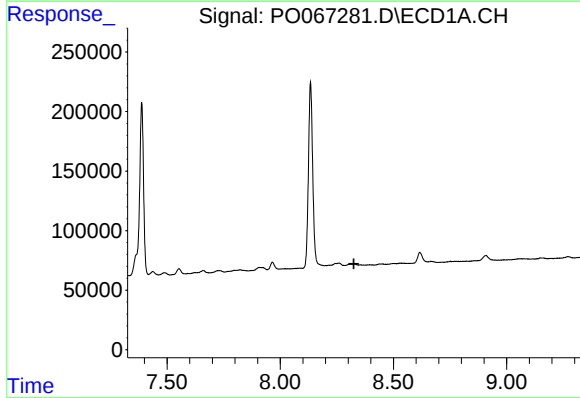
R.T.: 0.000 min
Exp R.T.: 8.245 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



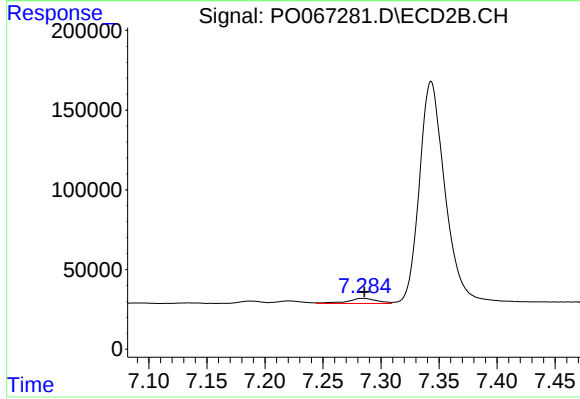
#38 AR-1262-3

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 25322
Conc: 19.72 ng/ml



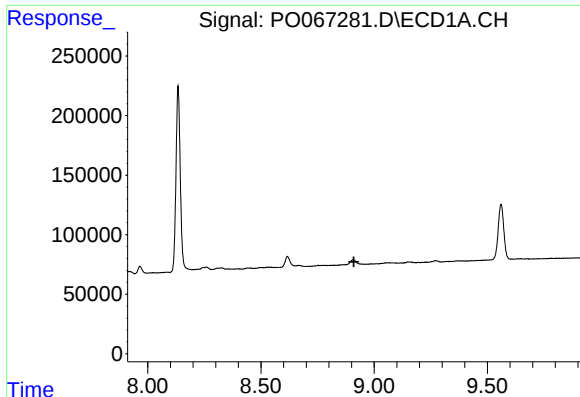
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.325 min
Response: 0
Conc: N.D.



#39 AR-1262-4

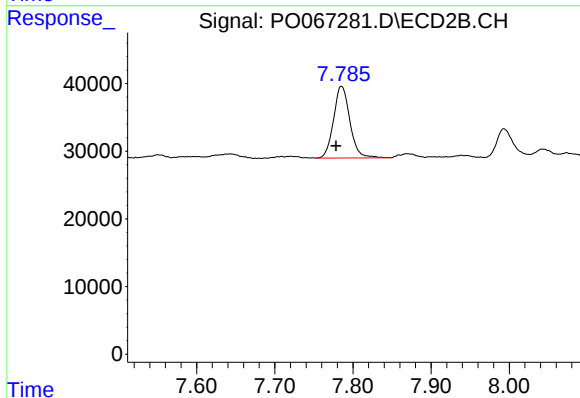
R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 57886
Conc: 26.34 ng/ml



#40 AR-1262-5

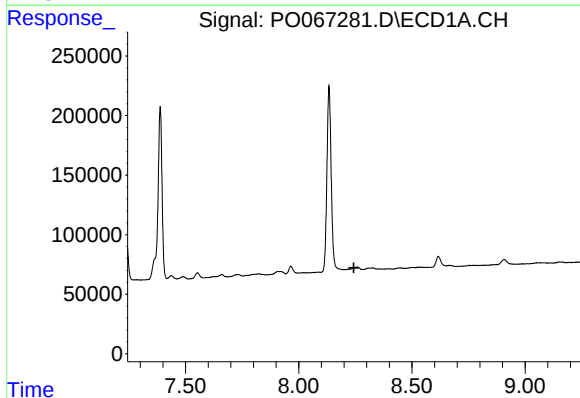
R.T.: 0.000 min
Exp R.T. : 8.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



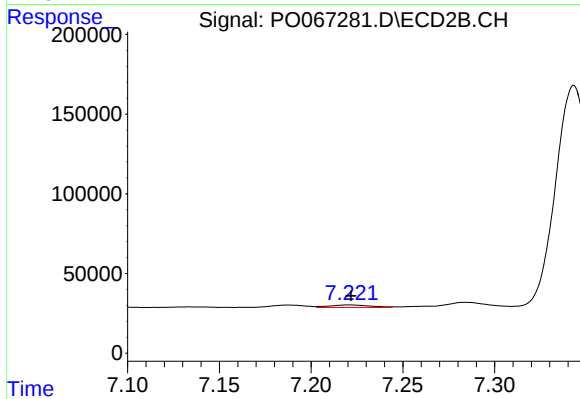
#40 AR-1262-5

R.T.: 7.785 min
Delta R.T.: 0.007 min
Response: 154124
Conc: 146.43 ng/ml



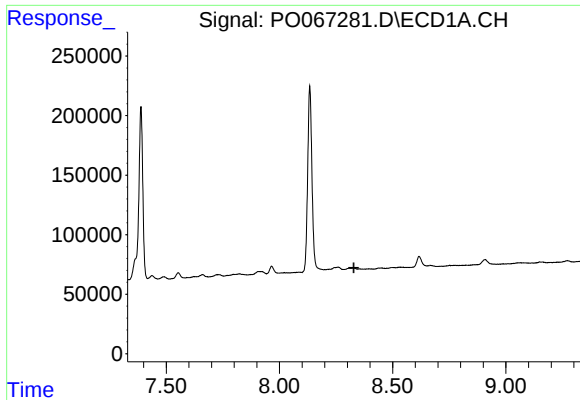
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.243 min
Response: 0
Conc: N.D.



#41 AR-1268-1

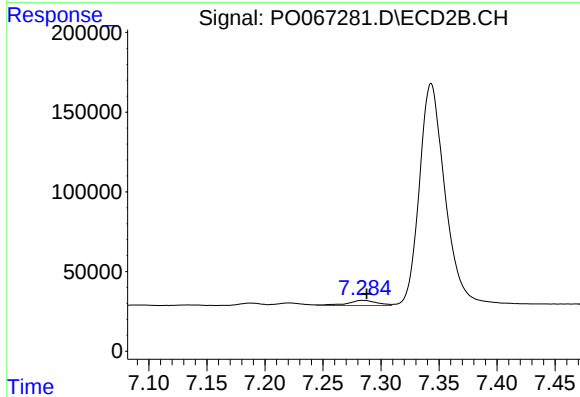
R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 25322
Conc: 6.83 ng/ml



#42 AR-1268-2

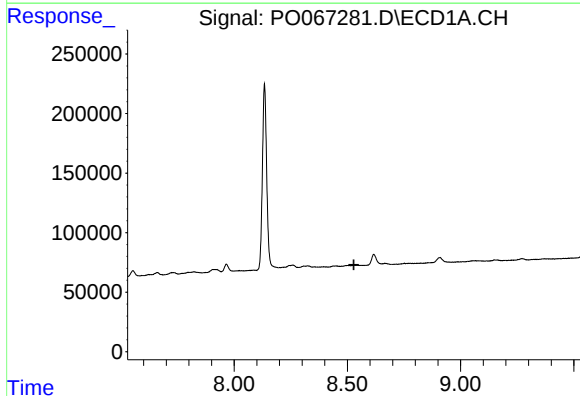
R.T.: 0.000 min
Exp R.T.: 8.329 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



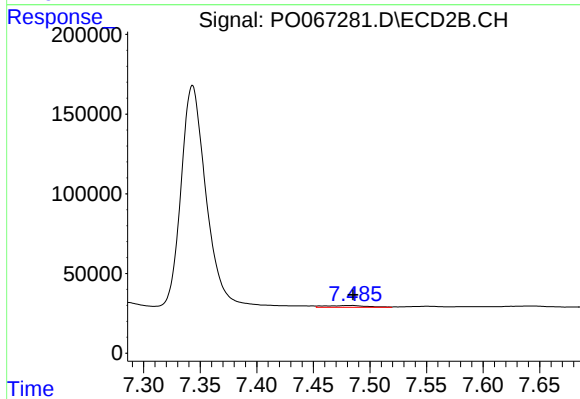
#42 AR-1268-2

R.T.: 7.284 min
Delta R.T.: -0.004 min
Response: 57886
Conc: 17.35 ng/ml



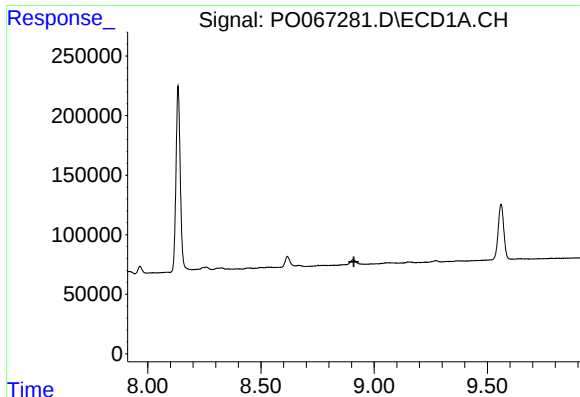
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.528 min
Response: 0
Conc: N.D.



#43 AR-1268-3

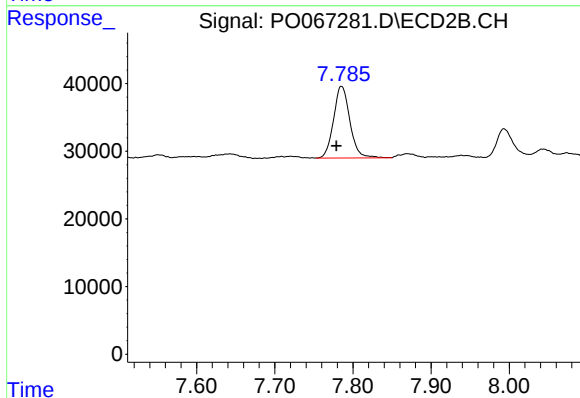
R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 28152
Conc: 9.98 ng/ml



#44 AR-1268-4

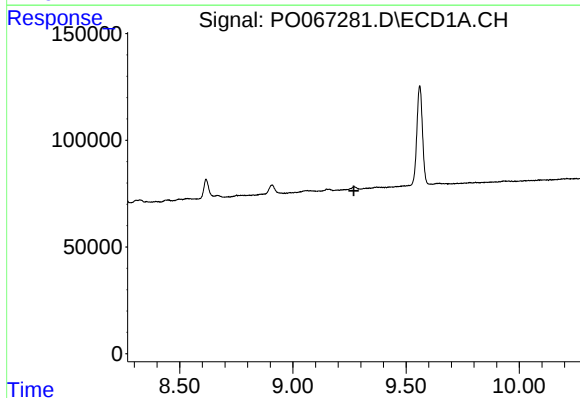
R.T.: 0.000 min
Exp R.T.: 8.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



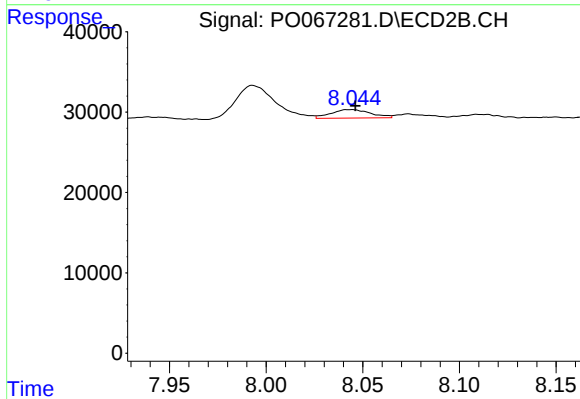
#44 AR-1268-4

R.T.: 7.785 min
Delta R.T.: 0.007 min
Response: 154124
Conc: 122.51 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.269 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.044 min
Delta R.T.: -0.003 min
Response: 15060
Conc: 1.53 ng/ml