

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103018\
 Data File : PO050771.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2018 18:01
 Operator : SM/SJ
 Sample : J5611-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 00:58:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 07:48:38 2018
 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...	4.355	3.349	10854759	4295316	21.716	19.762
2)	SA Decachlor...	10.014	8.094	3086371	2240713	9.930	8.760
Target Compounds							
3)	L1 AR-1016-1	0.000	4.364	0	89543	N.D.	9.744 #
4)	L1 AR-1016-2	0.000	4.369	0	83762	N.D.	5.405 #
5)	L1 AR-1016-3	0.000	4.588	0	666630	N.D.	83.228 #
6)	L1 AR-1016-4	0.000	4.588	0	666630	N.D.	109.558 #
7)	L1 AR-1016-5	5.993	4.789	438398	223749	32.493	25.928
10)	L2 AR-1221-3	4.812	3.740	2877519	161007	241.841	37.648 #
11)	L3 AR-1232-1	0.000	3.740	0	161007	N.D.	40.276 #
12)	L3 AR-1232-2	5.318	4.369	-20222	83762	N.D.	17.510 #
13)	L3 AR-1232-3	0.000	4.588	0	666630	N.D.	255.643 #
14)	L3 AR-1232-4	0.000	4.627	0	446930	N.D.	200.484 #
15)	L3 AR-1232-5	5.789	4.789	1071901	223749	361.166	84.125 #
16)	L4 AR-1242-1	0.000	4.364	0	89543	N.D.	15.257 #
17)	L4 AR-1242-2	0.000	4.369	0	83762	N.D.	8.384 #
18)	L4 AR-1242-3	0.000	4.588	0	666630	N.D.	132.015 #
19)	L4 AR-1242-4	0.000	4.627	0	446930	N.D.	93.559 #
20)	L4 AR-1242-5	6.436	5.121	744624	2017661	79.830	313.180 #
21)	L5 AR-1248-1	0.000	4.364	0	89543	N.D.	19.409 #
22)	L5 AR-1248-2	5.789	4.588	1071901	666630	82.751	95.715
23)	L5 AR-1248-3	5.993	4.627	438398	446930	28.965	63.937 #
24)	L5 AR-1248-4	6.397	4.789	802481	223749	48.135	23.979 #
25)	L5 AR-1248-5	6.436	5.160	744624	283859	47.699	29.523 #
26)	L6 AR-1254-1	6.368	5.121	1229278	2017661	55.982	105.230 #
27)	L6 AR-1254-2	6.585	5.262	6075198	3336483	179.686	192.201
28)	L6 AR-1254-3	6.952	5.645	8962916	9093750	257.386	321.286
29)	L6 AR-1254-4	7.237	5.866	7184090	5809755	310.597	328.696
30)	L6 AR-1254-5	7.675	6.269	60718849	40918957	2473.051	1530.466 #
31)	L7 AR-1260-1	7.114	5.771	4025998	5489022	156.497	265.481 #
32)	L7 AR-1260-2	7.366	5.954	17062643	7226116	576.782	251.644 #
33)	L7 AR-1260-3	7.723	6.097	1773342	3735669	83.674	151.483 #
34)	L7 AR-1260-4	7.943	6.552	5457961	1781972	238.517	86.397 #
35)	L7 AR-1260-5	8.265	6.793	2310939	2802013	52.467	53.924
36)	L8 AR-1262-1	7.723	6.311	1773342	6575243	71.881	233.663 #
37)	L8 AR-1262-2	8.265	6.793	2310939	2802013	59.046	62.375
38)	L8 AR-1262-3	8.585	7.044	1502104	2431590	59.457	135.433 #
39)	L8 AR-1262-4	0.000	7.127	0	2570309	N.D.	87.367 #
40)	L8 AR-1262-5	0.000	7.607	0	462211	N.D.	39.827 #
41)	L9 AR-1268-1	8.585	7.044	1502104	2431590	29.773	44.149 #
42)	L9 AR-1268-2	0.000	7.127	0	2570309	N.D.	53.923 #
43)	L9 AR-1268-3	0.000	7.329	0	110883	N.D.	2.574 #

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ALS Vial : 16 Sample Multiplier: 1

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Quant Time: Oct 31 00:58:06 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102918.M
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QLast Update : Tue Oct 30 07:48:38 2018
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
44)	L9 AR-1268-4	0.000	7.607	0	462211	N.D.	33.085 #
45)	L9 AR-1268-5	0.000	7.879	0	142908	N.D.	1.426 #

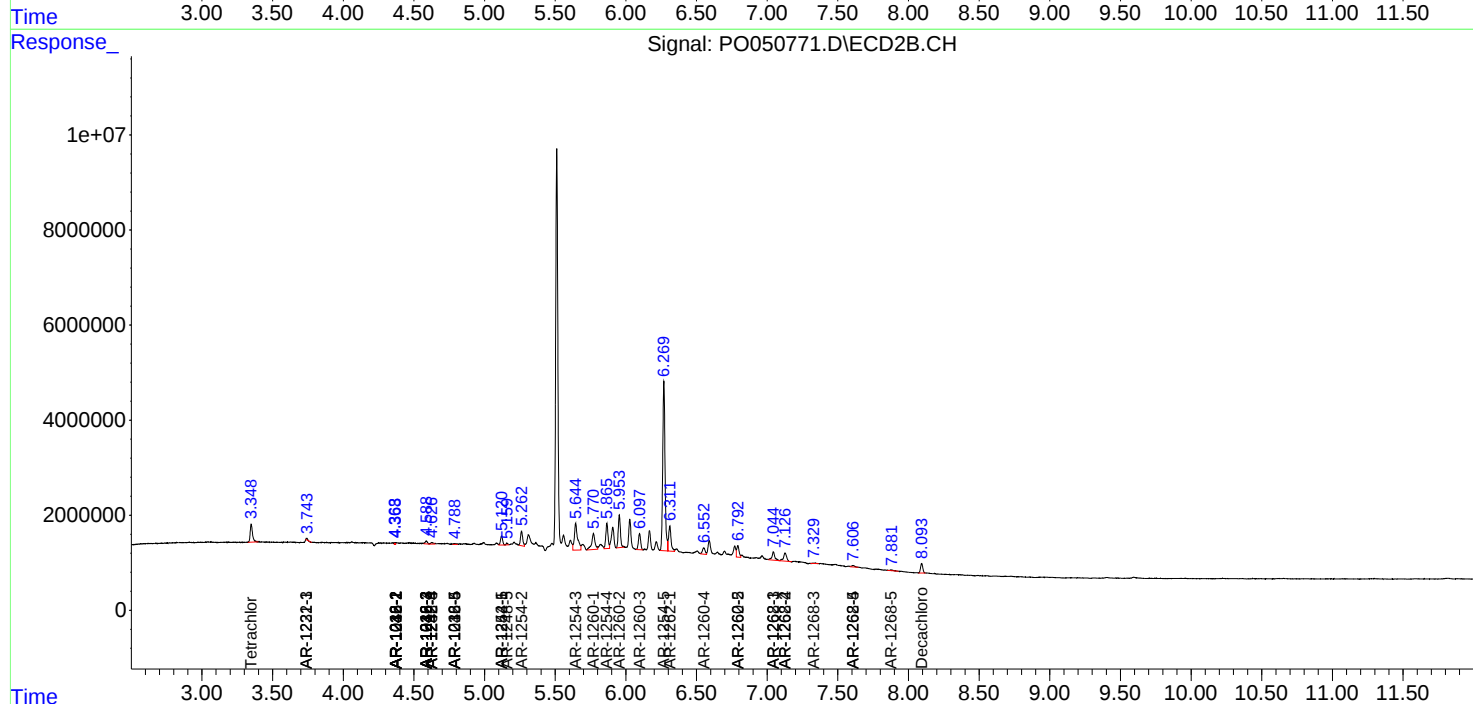
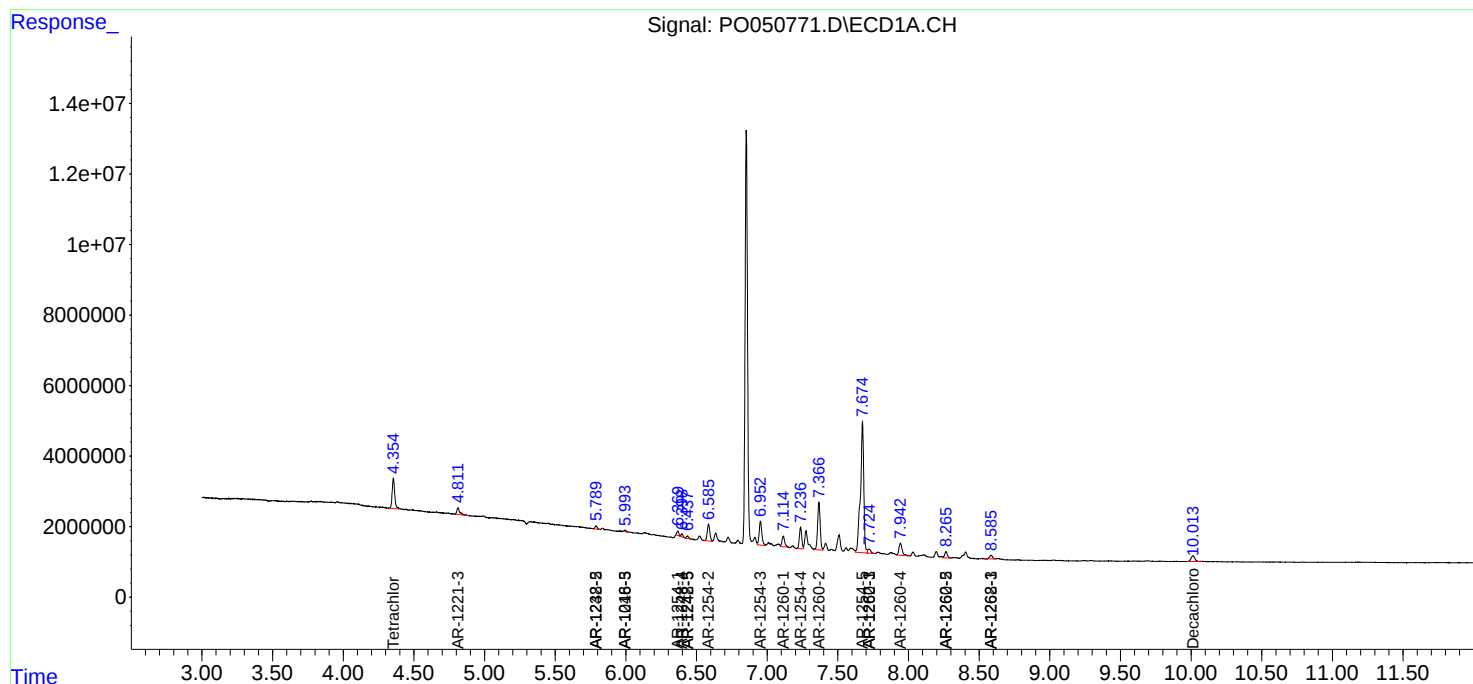
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

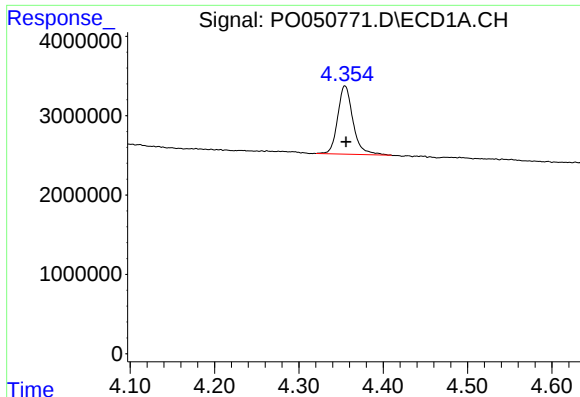
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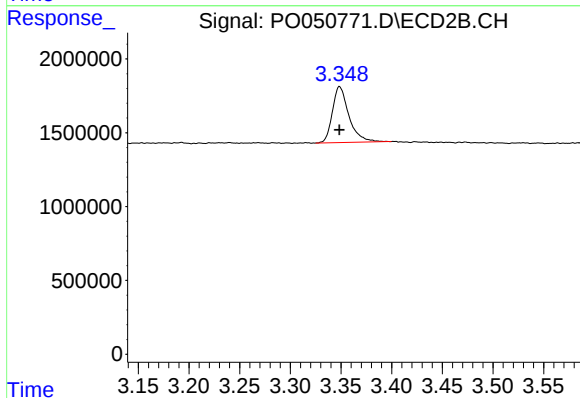




#1 Tetrachloro-m-xylene

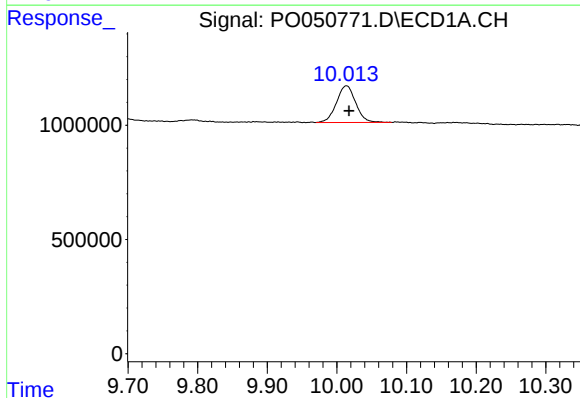
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 10854759
Conc: 21.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



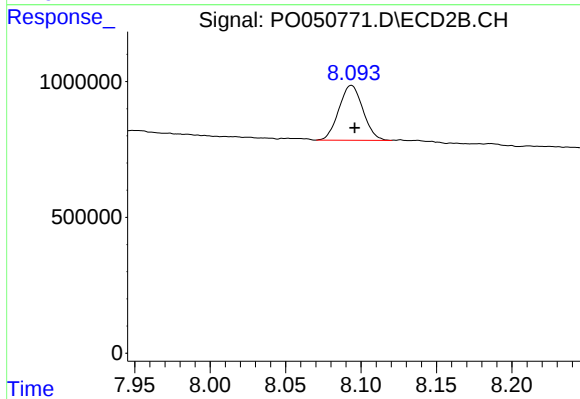
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: 0.000 min
Response: 4295316
Conc: 19.76 ng/ml



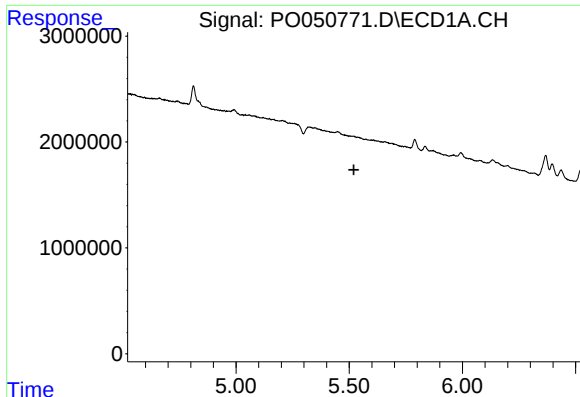
#2 Decachlorobiphenyl

R.T.: 10.014 min
Delta R.T.: -0.004 min
Response: 3086371
Conc: 9.93 ng/ml



#2 Decachlorobiphenyl

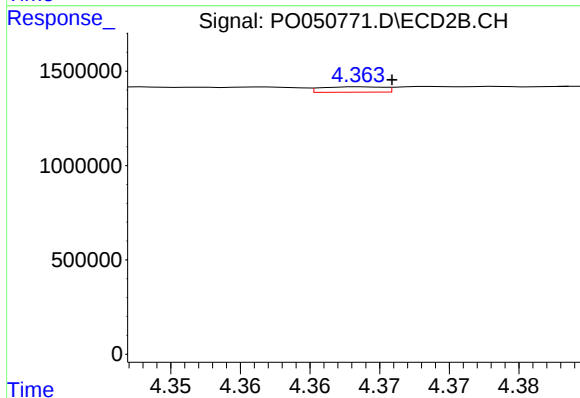
R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 2240713
Conc: 8.76 ng/ml



#3 AR-1016-1

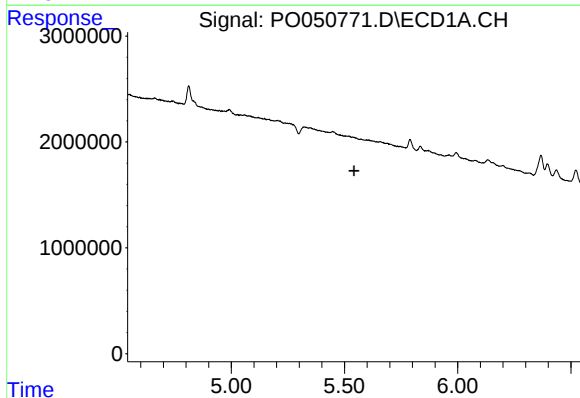
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



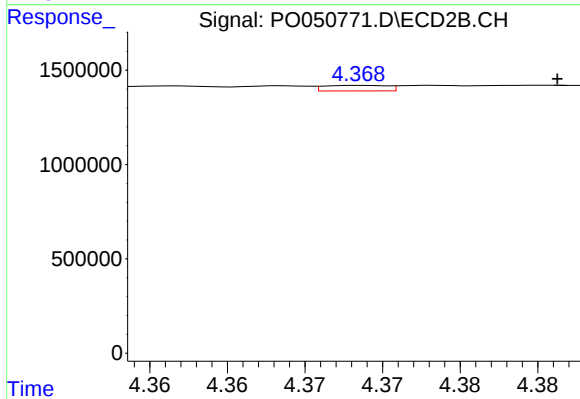
#3 AR-1016-1

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 89543
Conc: 9.74 ng/ml



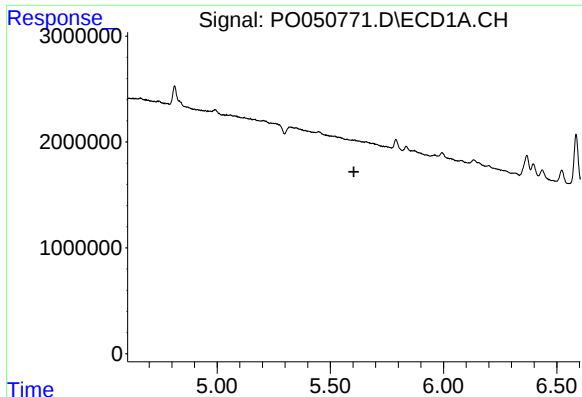
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.542 min
Response: 0
Conc: N.D.



#4 AR-1016-2

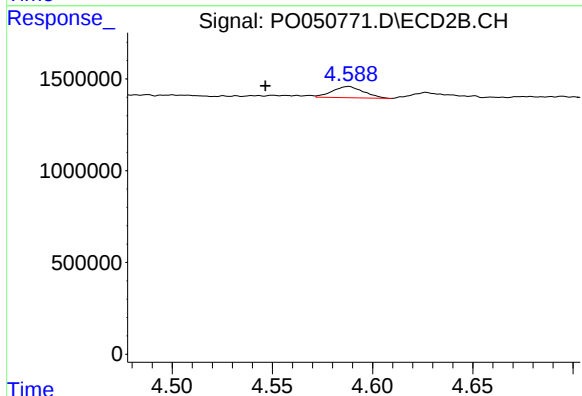
R.T.: 4.369 min
Delta R.T.: -0.012 min
Response: 83762
Conc: 5.41 ng/ml



#5 AR-1016-3

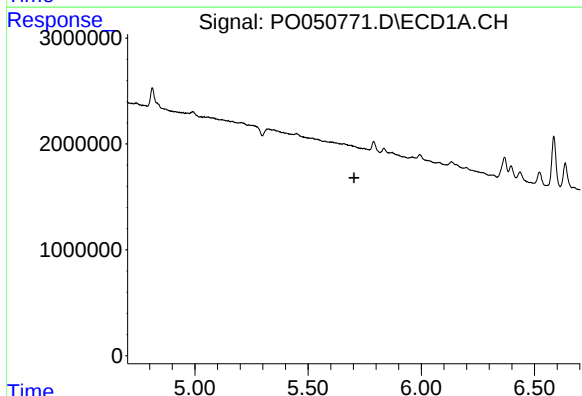
R.T.: 0.000 min
Exp R.T.: 5.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



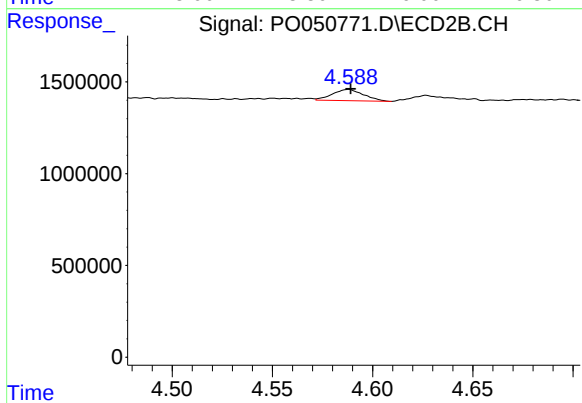
#5 AR-1016-3

R.T.: 4.588 min
Delta R.T.: 0.042 min
Response: 666630
Conc: 83.23 ng/ml



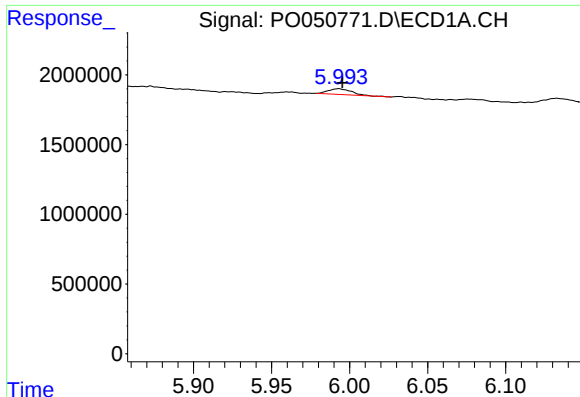
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.703 min
Response: 0
Conc: N.D.



#6 AR-1016-4

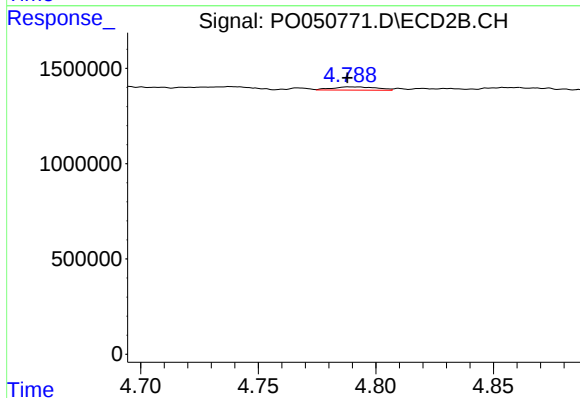
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 666630
Conc: 109.56 ng/ml



#7 AR-1016-5

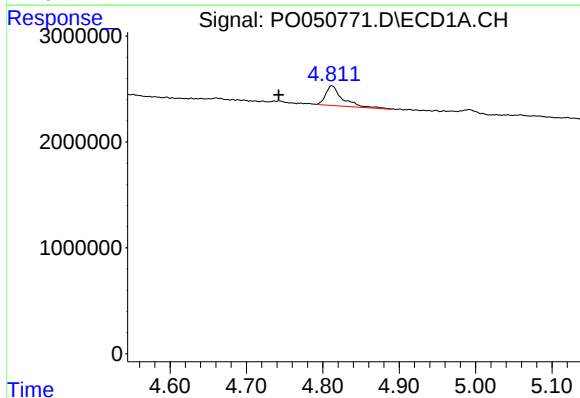
R.T.: 5.993 min
Delta R.T.: -0.002 min
Response: 438398
Conc: 32.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



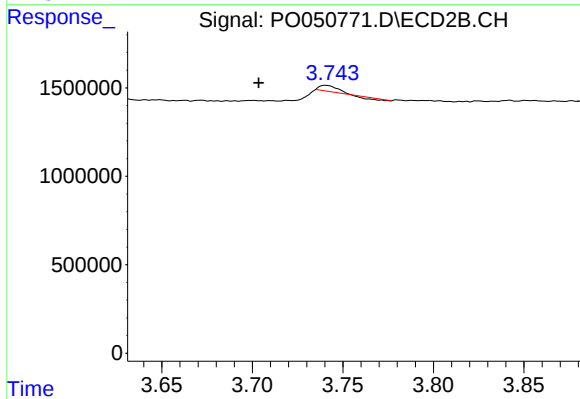
#7 AR-1016-5

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 223749
Conc: 25.93 ng/ml



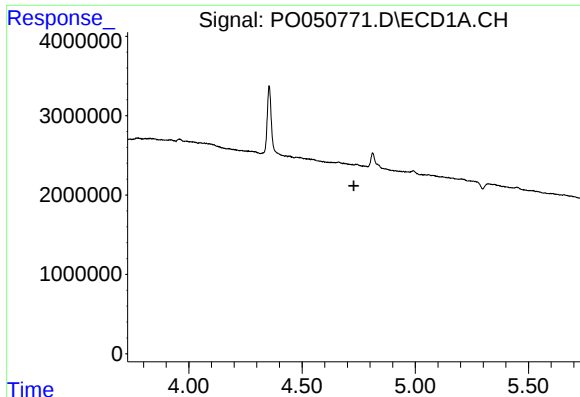
#10 AR-1221-3

R.T.: 4.812 min
Delta R.T.: 0.069 min
Response: 2877519
Conc: 241.84 ng/ml



#10 AR-1221-3

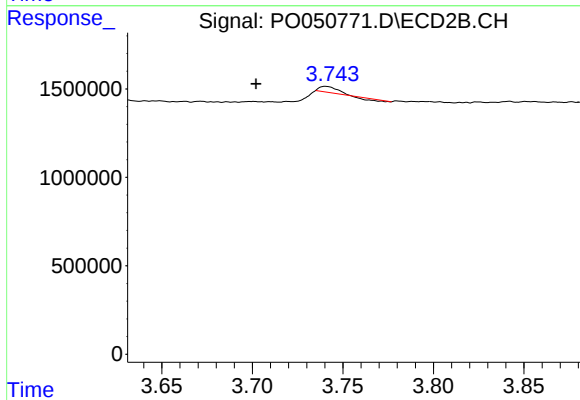
R.T.: 3.740 min
Delta R.T.: 0.037 min
Response: 161007
Conc: 37.65 ng/ml



#11 AR-1232-1

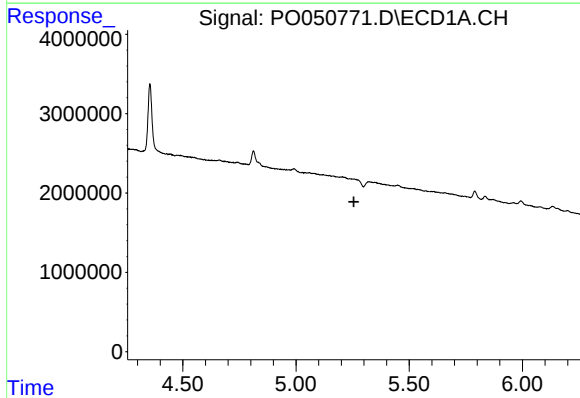
R.T.: 0.000 min
Exp R.T.: 4.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



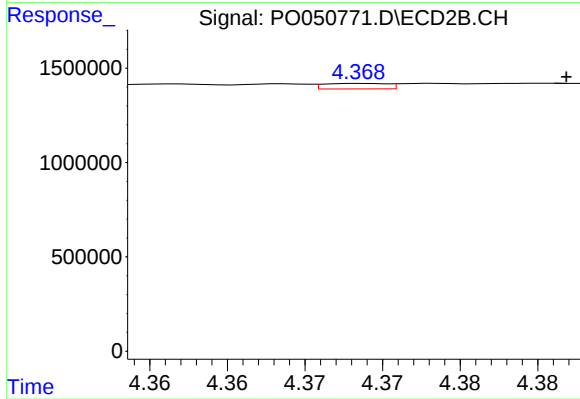
#11 AR-1232-1

R.T.: 3.740 min
Delta R.T.: 0.038 min
Response: 161007
Conc: 40.28 ng/ml



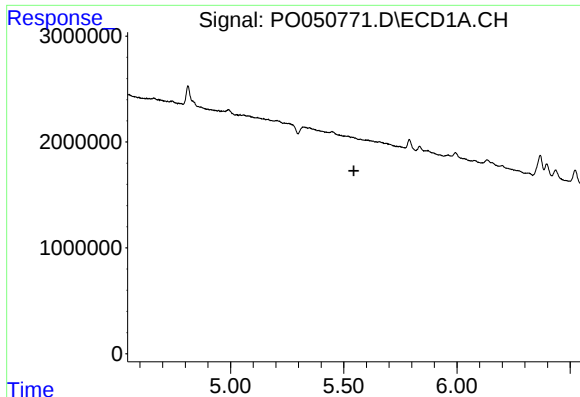
#12 AR-1232-2

R.T.: 5.318 min
Delta R.T.: 0.062 min
Response: -20222
Conc: N.D.



#12 AR-1232-2

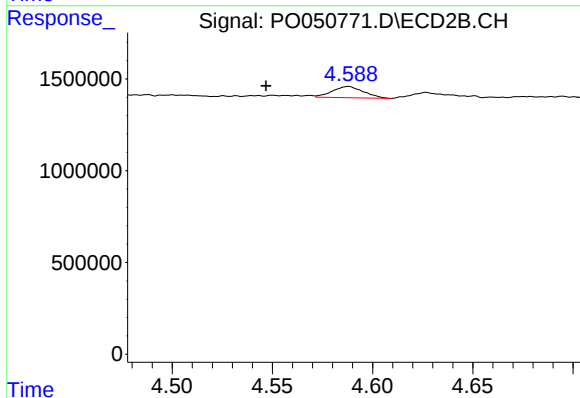
R.T.: 4.369 min
Delta R.T.: -0.013 min
Response: 83762
Conc: 17.51 ng/ml



#13 AR-1232-3

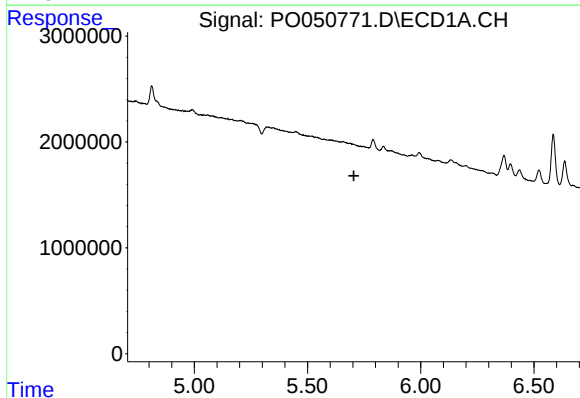
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



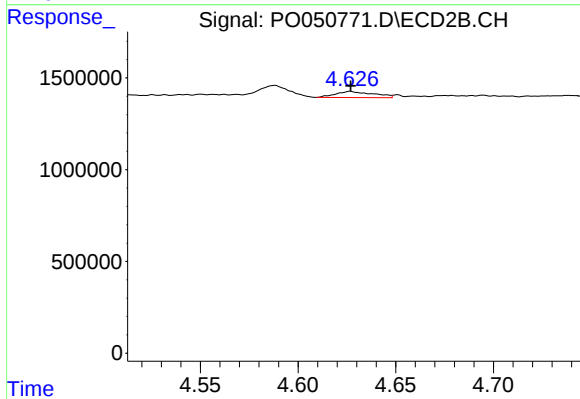
#13 AR-1232-3

R.T.: 4.588 min
Delta R.T.: 0.041 min
Response: 666630
Conc: 255.64 ng/ml



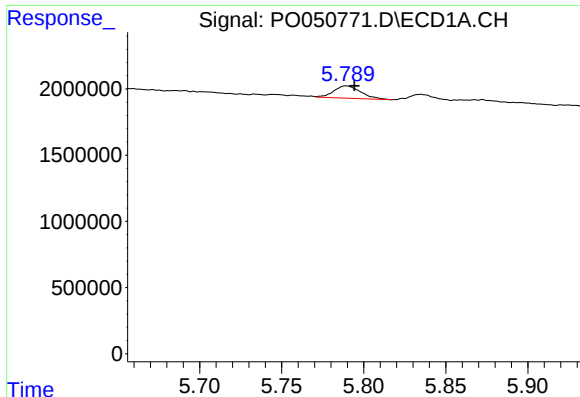
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.



#14 AR-1232-4

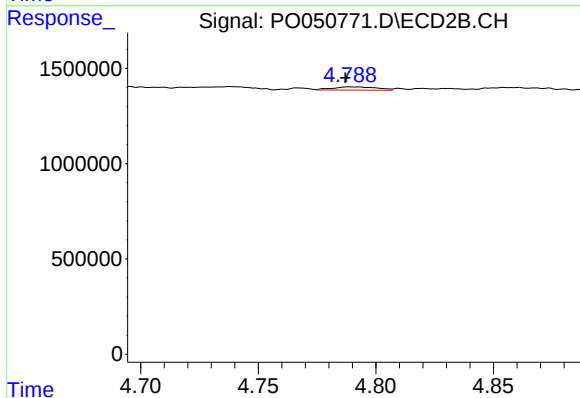
R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 446930
Conc: 200.48 ng/ml



#15 AR-1232-5

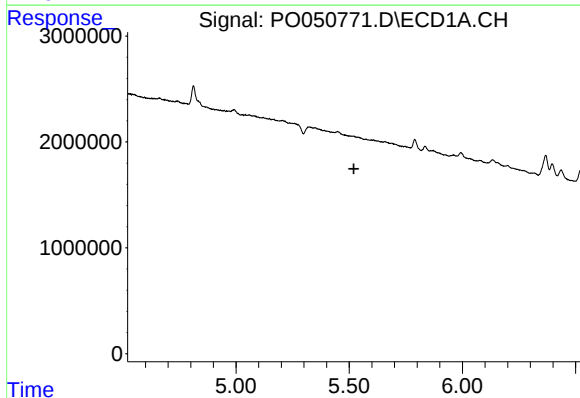
R.T.: 5.789 min
Delta R.T.: -0.005 min
Response: 1071901
Conc: 361.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



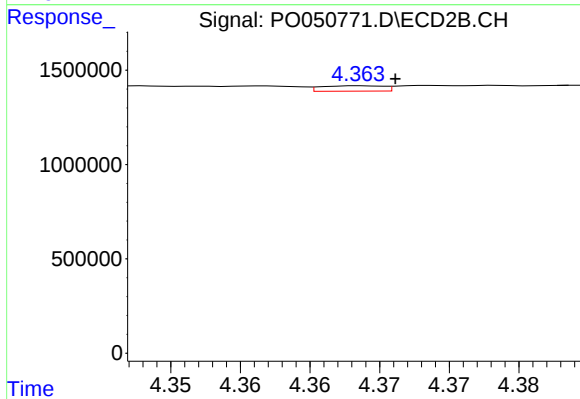
#15 AR-1232-5

R.T.: 4.789 min
Delta R.T.: 0.002 min
Response: 223749
Conc: 84.13 ng/ml



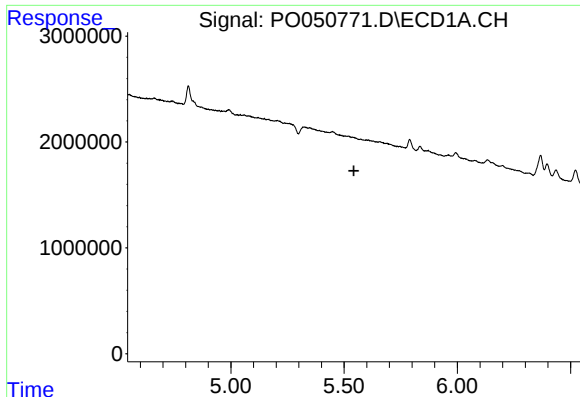
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.521 min
Response: 0
Conc: N.D.



#16 AR-1242-1

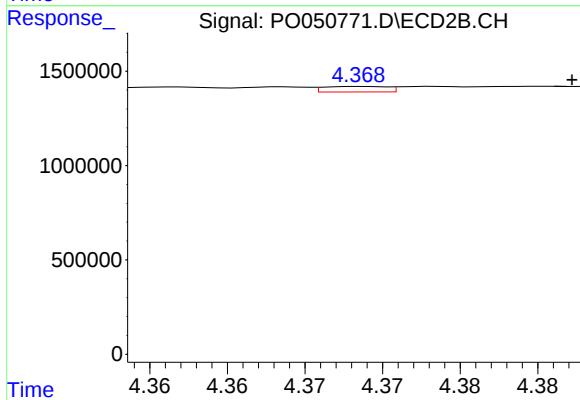
R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 89543
Conc: 15.26 ng/ml



#17 AR-1242-2

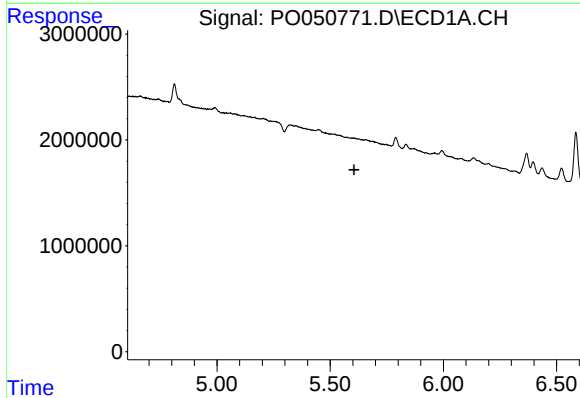
R.T.: 0.000 min
Exp R.T.: 5.543 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



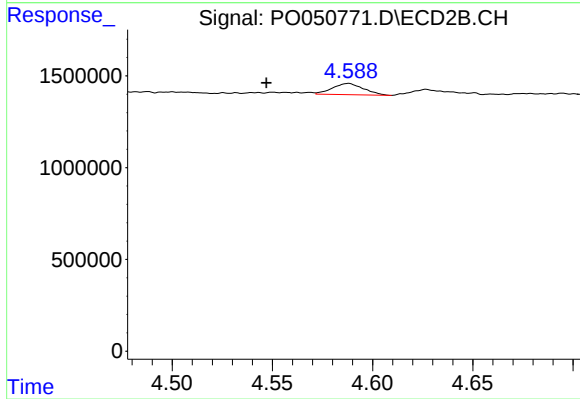
#17 AR-1242-2

R.T.: 4.369 min
Delta R.T.: -0.013 min
Response: 83762
Conc: 8.38 ng/ml



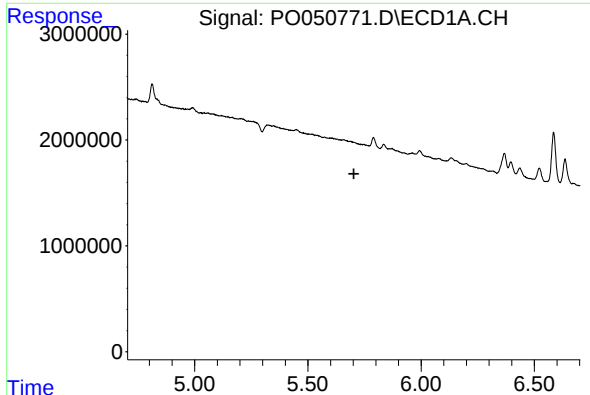
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.605 min
Response: 0
Conc: N.D.



#18 AR-1242-3

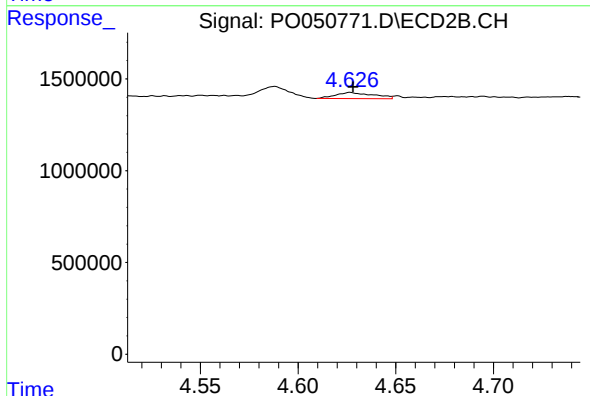
R.T.: 4.588 min
Delta R.T.: 0.041 min
Response: 666630
Conc: 132.02 ng/ml



#19 AR-1242-4

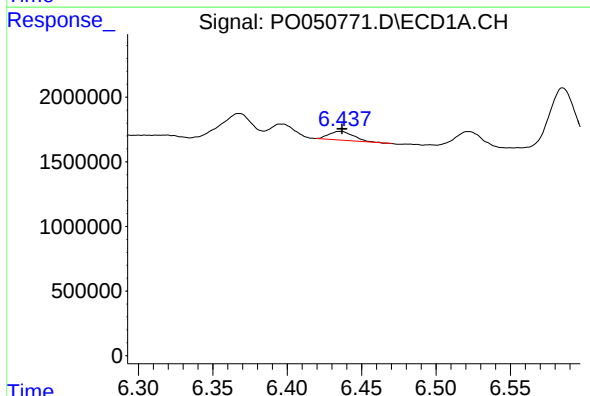
R.T.: 0.000 min
Exp R.T.: 5.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



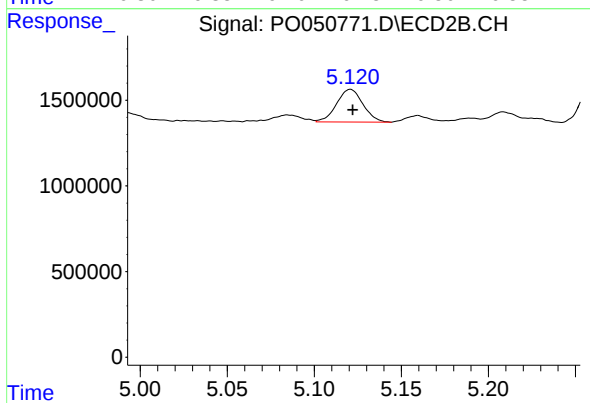
#19 AR-1242-4

R.T.: 4.627 min
Delta R.T.: -0.001 min
Response: 446930
Conc: 93.56 ng/ml



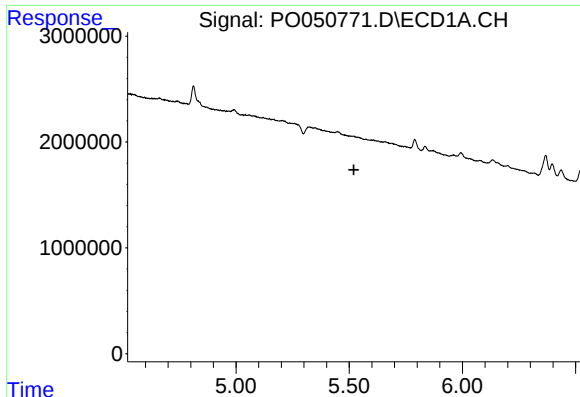
#20 AR-1242-5

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 744624
Conc: 79.83 ng/ml



#20 AR-1242-5

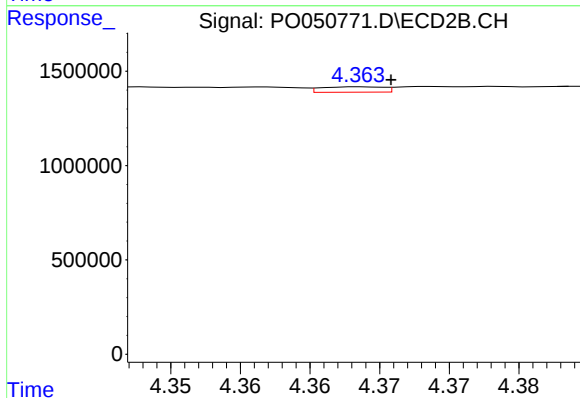
R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 2017661
Conc: 313.18 ng/ml



#21 AR-1248-1

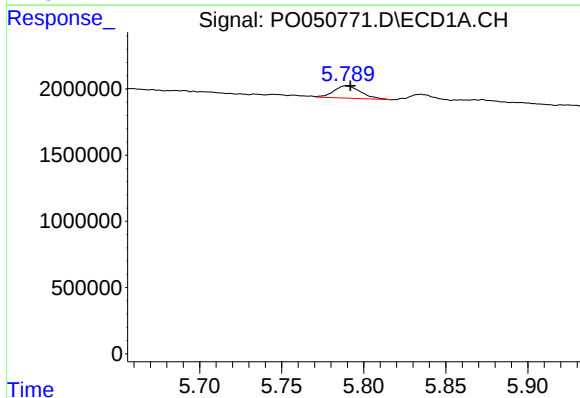
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



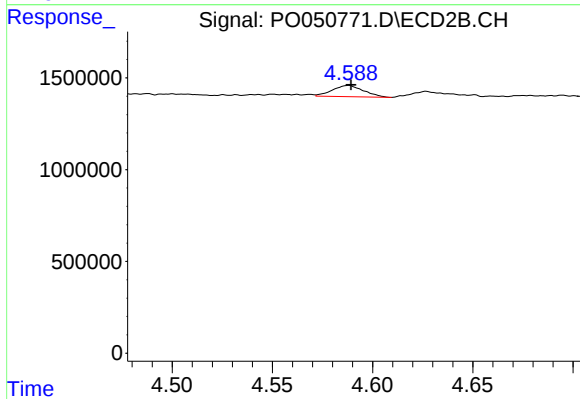
#21 AR-1248-1

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 89543
Conc: 19.41 ng/ml



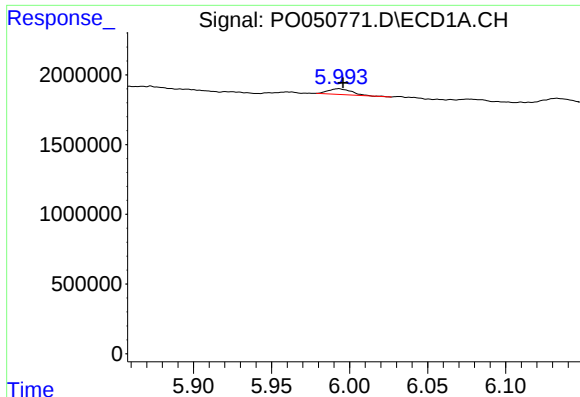
#22 AR-1248-2

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 1071901
Conc: 82.75 ng/ml



#22 AR-1248-2

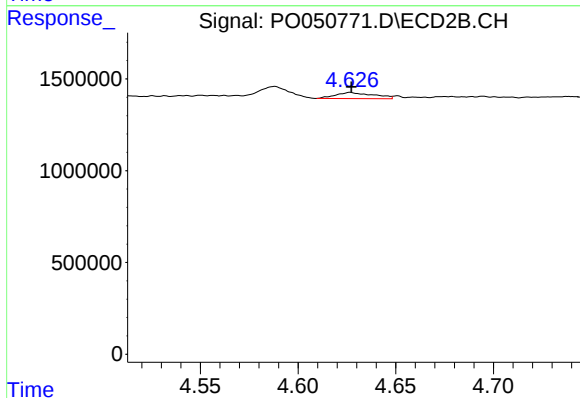
R.T.: 4.588 min
Delta R.T.: -0.001 min
Response: 666630
Conc: 95.71 ng/ml



#23 AR-1248-3

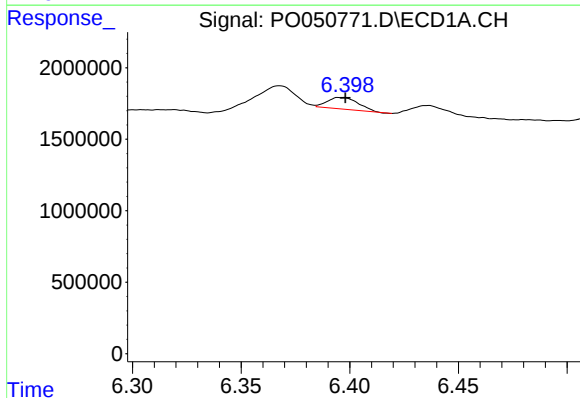
R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 438398
Conc: 28.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



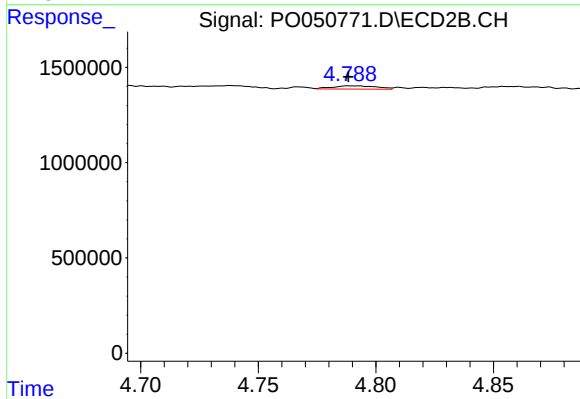
#23 AR-1248-3

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 446930
Conc: 63.94 ng/ml



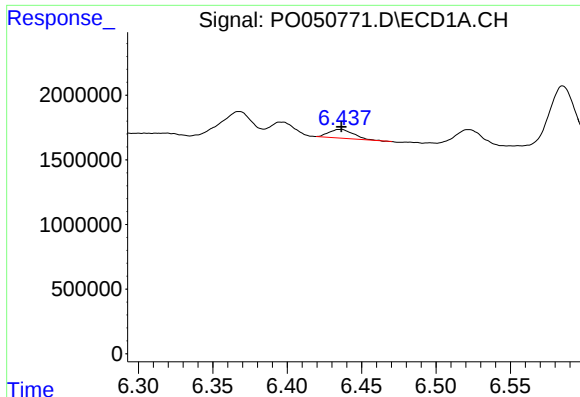
#24 AR-1248-4

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 802481
Conc: 48.14 ng/ml



#24 AR-1248-4

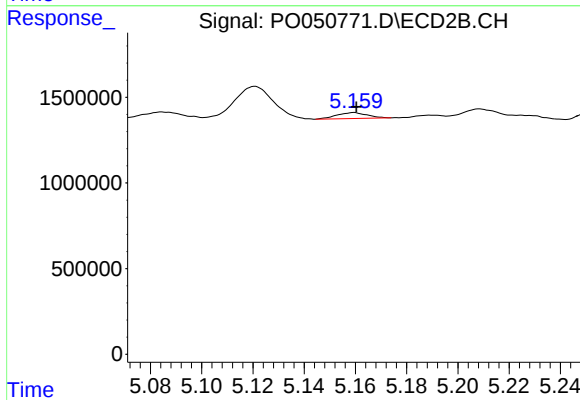
R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 223749
Conc: 23.98 ng/ml



#25 AR-1248-5

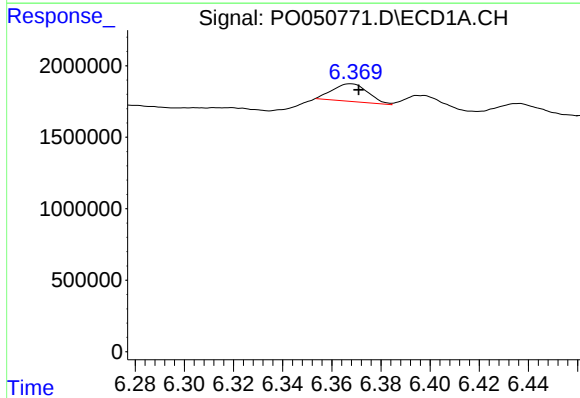
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 744624
Conc: 47.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



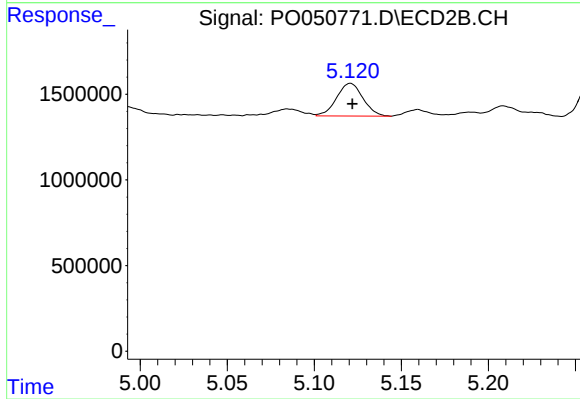
#25 AR-1248-5

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 283859
Conc: 29.52 ng/ml



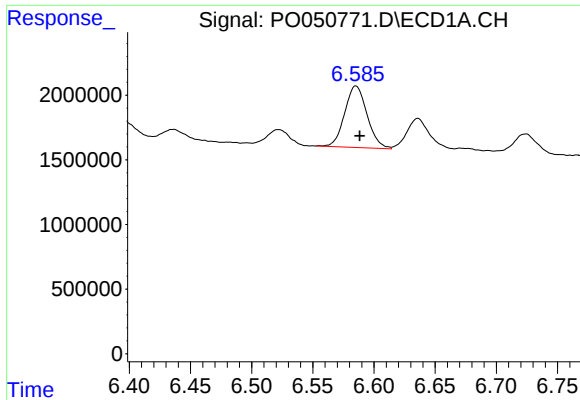
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 1229278
Conc: 55.98 ng/ml



#26 AR-1254-1

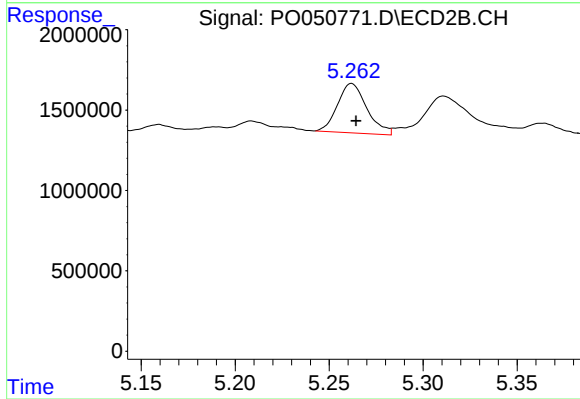
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 2017661
Conc: 105.23 ng/ml



#27 AR-1254-2

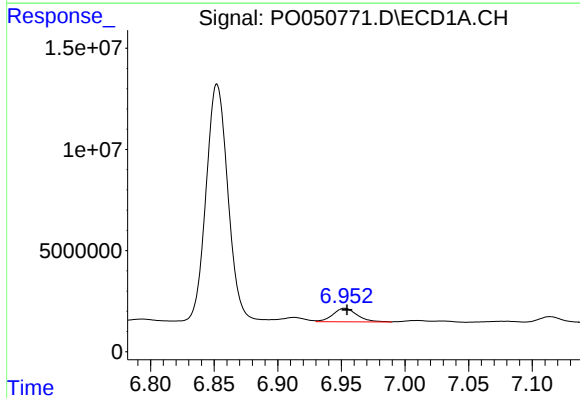
R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 6075198
Conc: 179.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



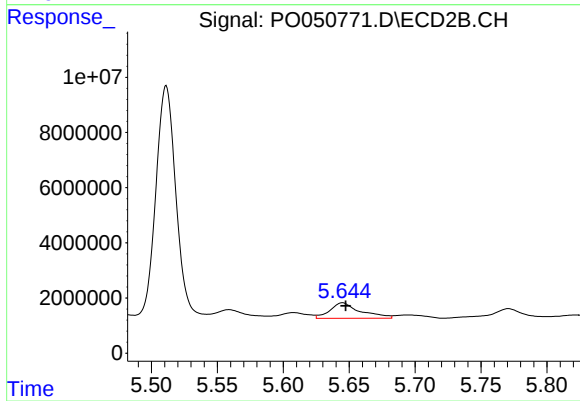
#27 AR-1254-2

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 3336483
Conc: 192.20 ng/ml



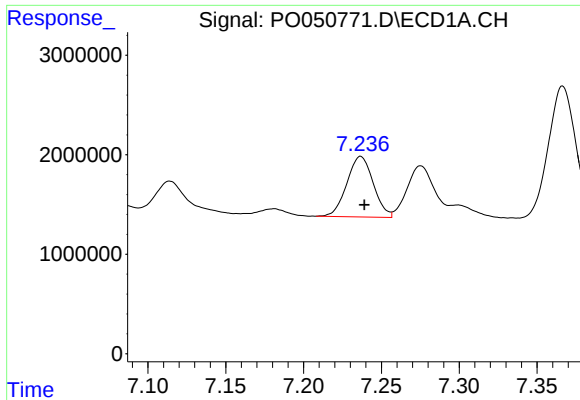
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 8962916
Conc: 257.39 ng/ml



#28 AR-1254-3

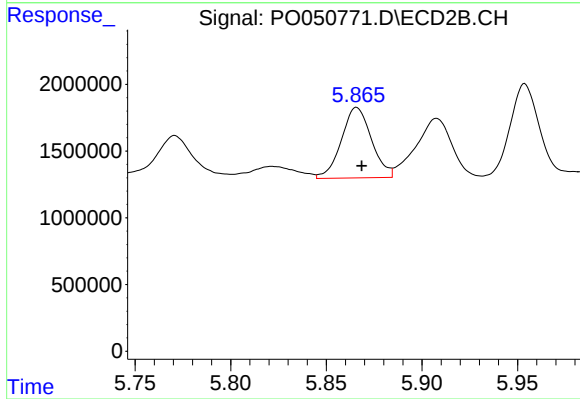
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 9093750
Conc: 321.29 ng/ml



#29 AR-1254-4

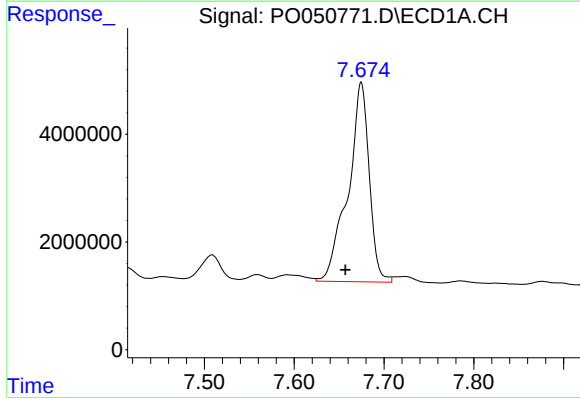
R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 7184090
Conc: 310.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



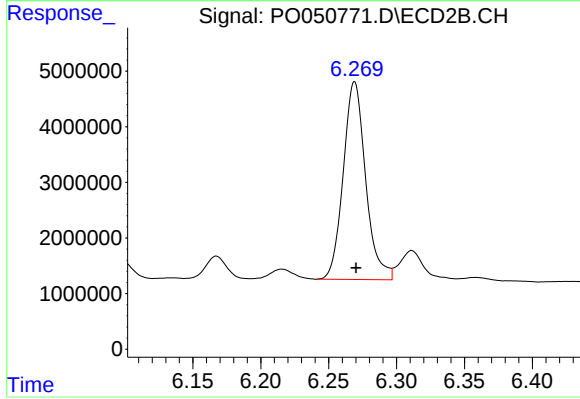
#29 AR-1254-4

R.T.: 5.866 min
Delta R.T.: -0.003 min
Response: 5809755
Conc: 328.70 ng/ml



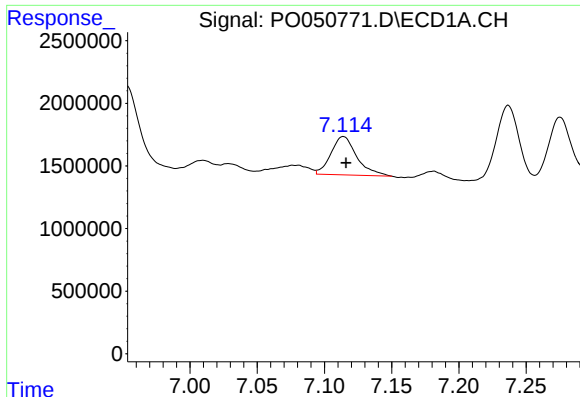
#30 AR-1254-5

R.T.: 7.675 min
Delta R.T.: 0.018 min
Response: 60718849
Conc: 2473.05 ng/ml



#30 AR-1254-5

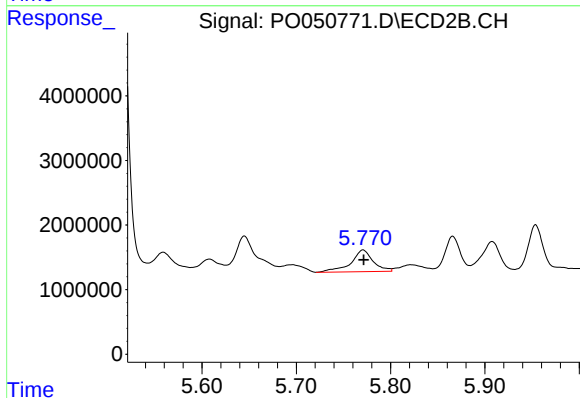
R.T.: 6.269 min
Delta R.T.: -0.001 min
Response: 40918957
Conc: 1530.47 ng/ml



#31 AR-1260-1

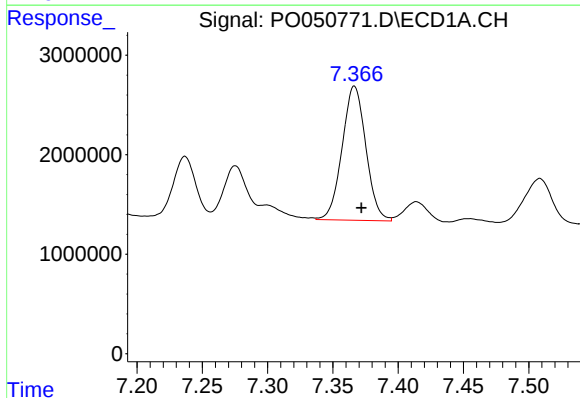
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 4025998
Conc: 156.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



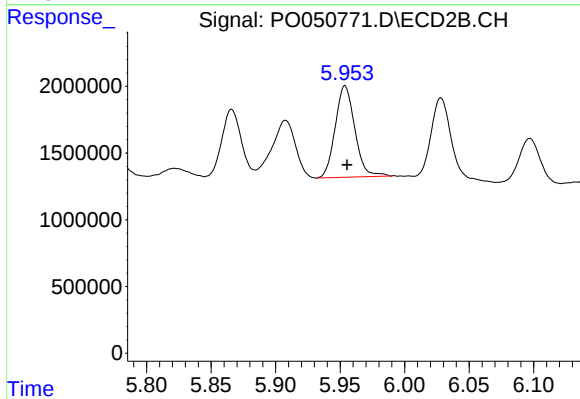
#31 AR-1260-1

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 5489022
Conc: 265.48 ng/ml



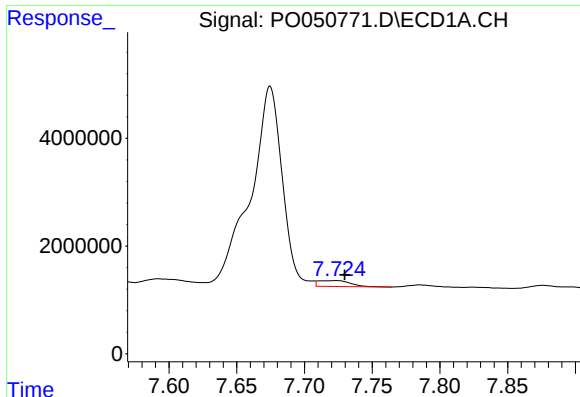
#32 AR-1260-2

R.T.: 7.366 min
Delta R.T.: -0.005 min
Response: 17062643
Conc: 576.78 ng/ml



#32 AR-1260-2

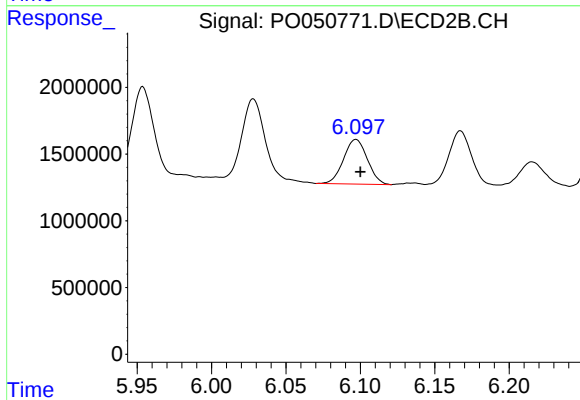
R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 7226116
Conc: 251.64 ng/ml



#33 AR-1260-3

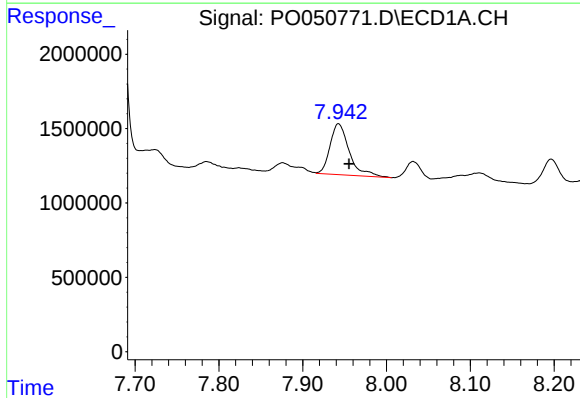
R.T.: 7.723 min
Delta R.T.: -0.006 min
Response: 1773342
Conc: 83.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



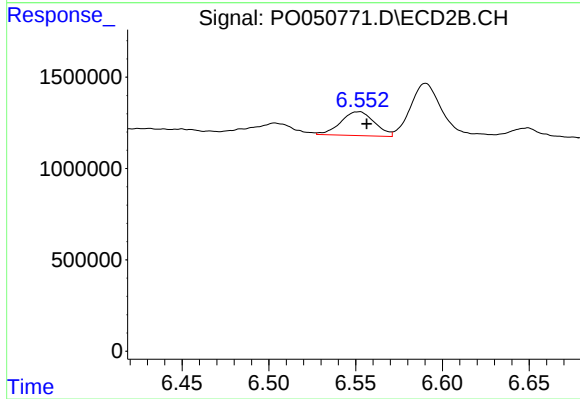
#33 AR-1260-3

R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 3735669
Conc: 151.48 ng/ml



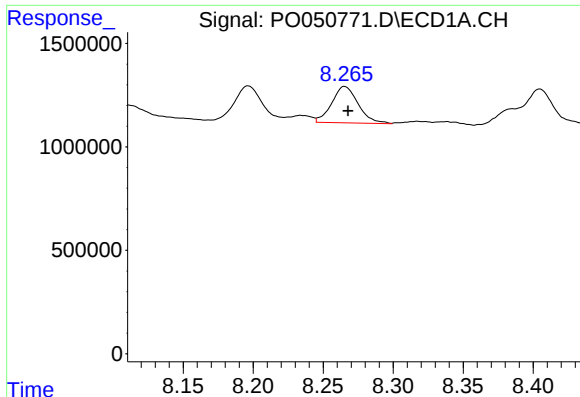
#34 AR-1260-4

R.T.: 7.943 min
Delta R.T.: -0.013 min
Response: 5457961
Conc: 238.52 ng/ml



#34 AR-1260-4

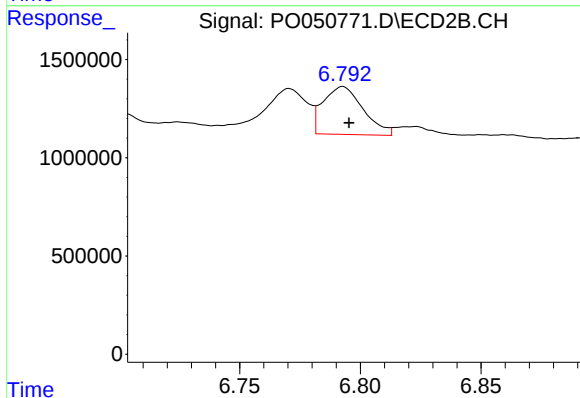
R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 1781972
Conc: 86.40 ng/ml



#35 AR-1260-5

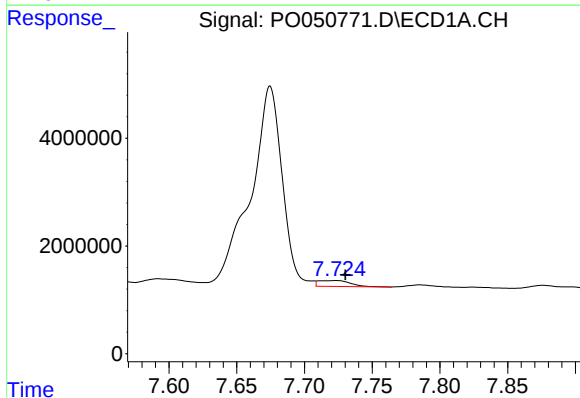
R.T.: 8.265 min
Delta R.T.: -0.002 min
Response: 2310939
Conc: 52.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



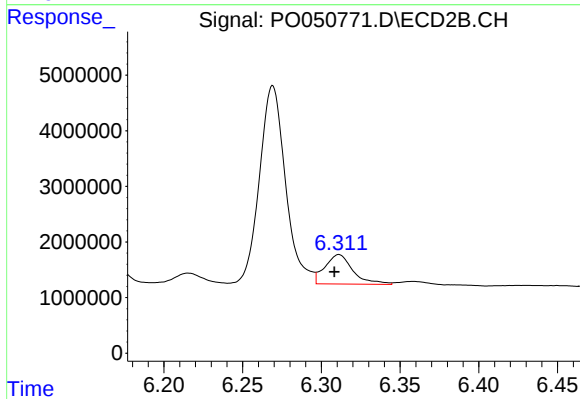
#35 AR-1260-5

R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 2802013
Conc: 53.92 ng/ml



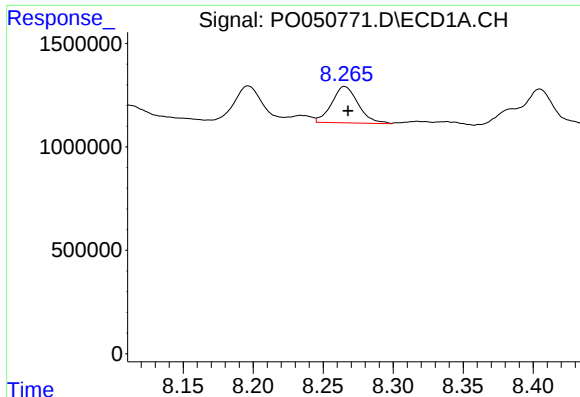
#36 AR-1262-1

R.T.: 7.723 min
Delta R.T.: -0.007 min
Response: 1773342
Conc: 71.88 ng/ml



#36 AR-1262-1

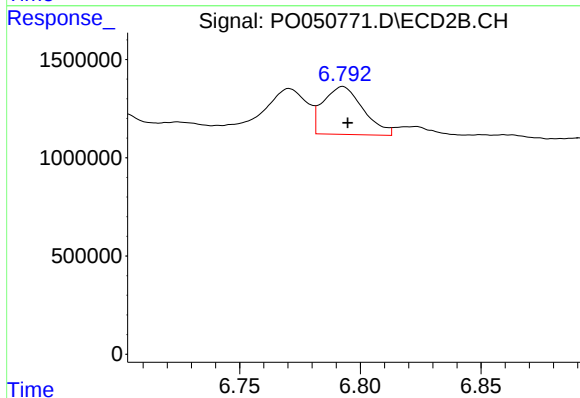
R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 6575243
Conc: 233.66 ng/ml



#37 AR-1262-2

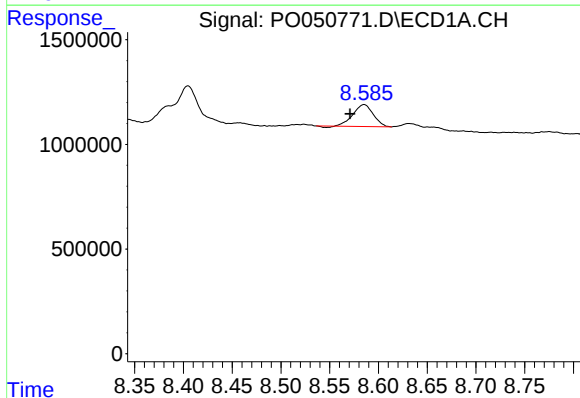
R.T.: 8.265 min
Delta R.T.: -0.002 min
Response: 2310939
Conc: 59.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



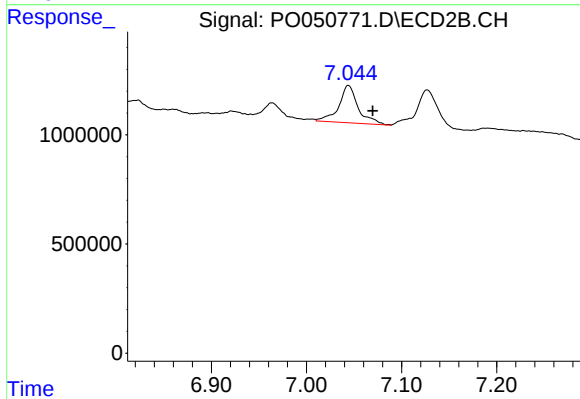
#37 AR-1262-2

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 2802013
Conc: 62.37 ng/ml



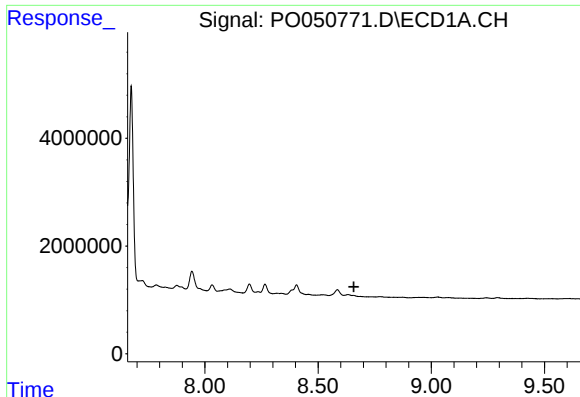
#38 AR-1262-3

R.T.: 8.585 min
Delta R.T.: 0.015 min
Response: 1502104
Conc: 59.46 ng/ml



#38 AR-1262-3

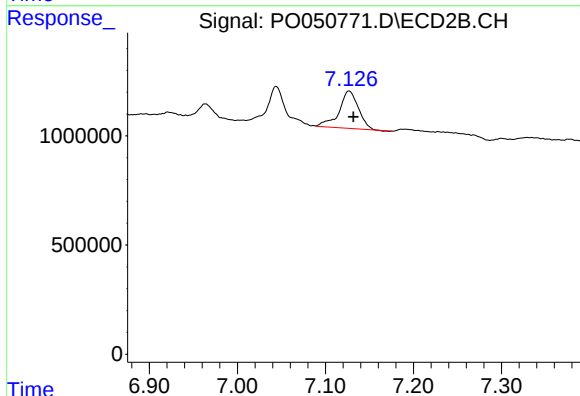
R.T.: 7.044 min
Delta R.T.: -0.026 min
Response: 2431590
Conc: 135.43 ng/ml



#39 AR-1262-4

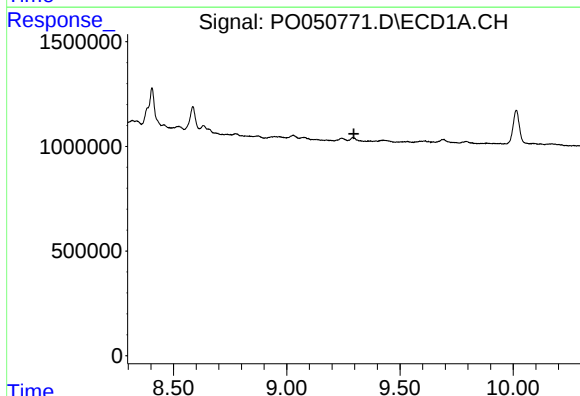
R.T.: 0.000 min
Exp R.T. : 8.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



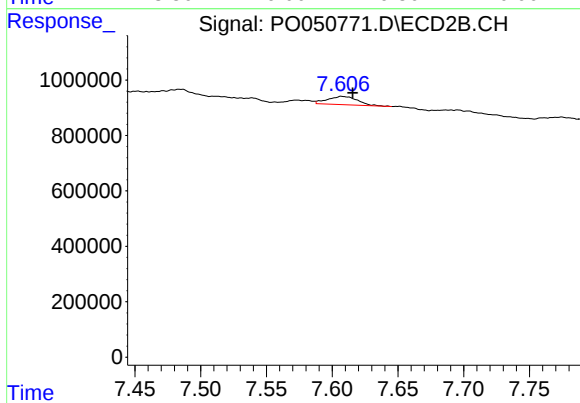
#39 AR-1262-4

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 2570309
Conc: 87.37 ng/ml



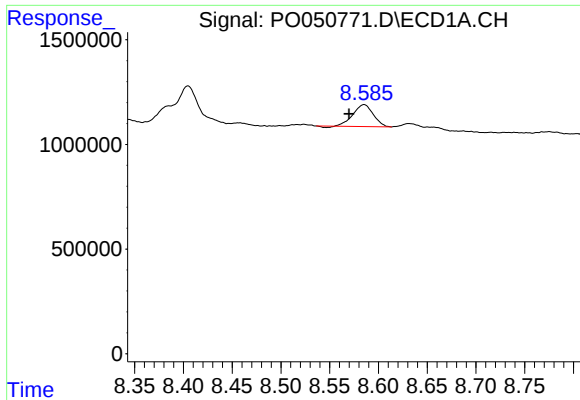
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.297 min
Response: 0
Conc: N.D.



#40 AR-1262-5

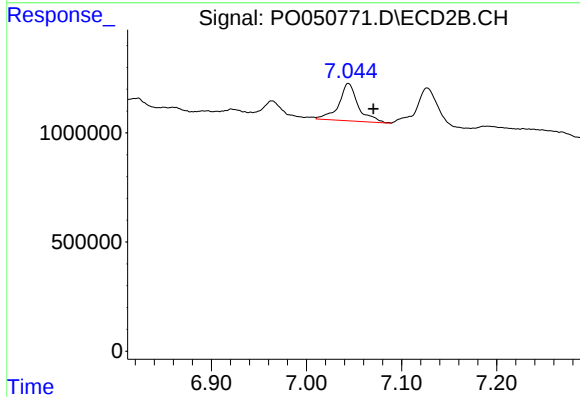
R.T.: 7.607 min
Delta R.T.: -0.008 min
Response: 462211
Conc: 39.83 ng/ml



#41 AR-1268-1

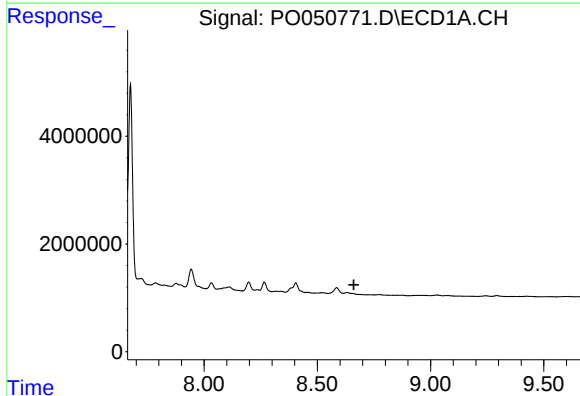
R.T.: 8.585 min
Delta R.T.: 0.016 min
Response: 1502104
Conc: 29.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



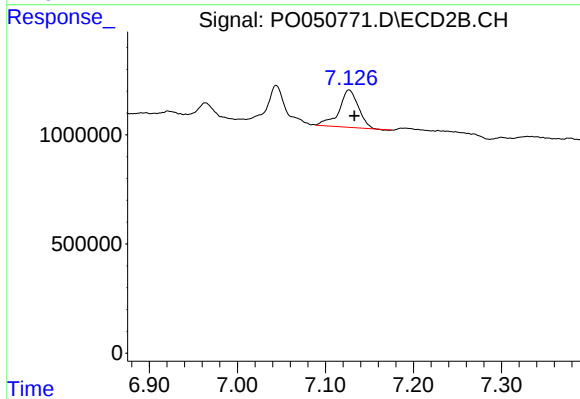
#41 AR-1268-1

R.T.: 7.044 min
Delta R.T.: -0.026 min
Response: 2431590
Conc: 44.15 ng/ml



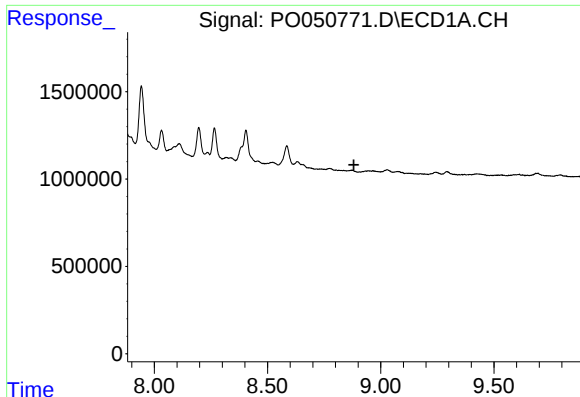
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.662 min
Response: 0
Conc: N.D.



#42 AR-1268-2

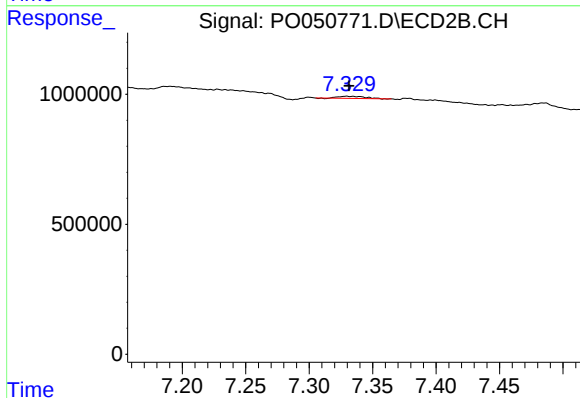
R.T.: 7.127 min
Delta R.T.: -0.006 min
Response: 2570309
Conc: 53.92 ng/ml



#43 AR-1268-3

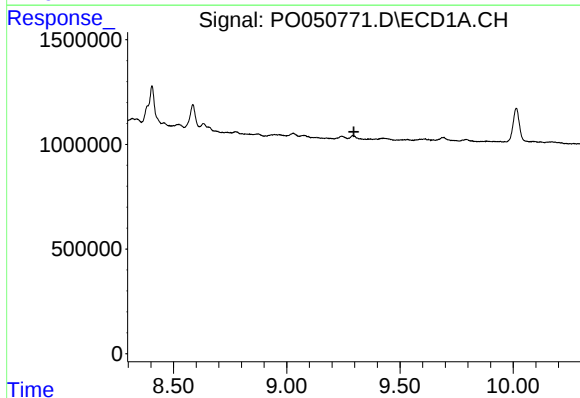
R.T.: 0.000 min
Exp R.T. : 8.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



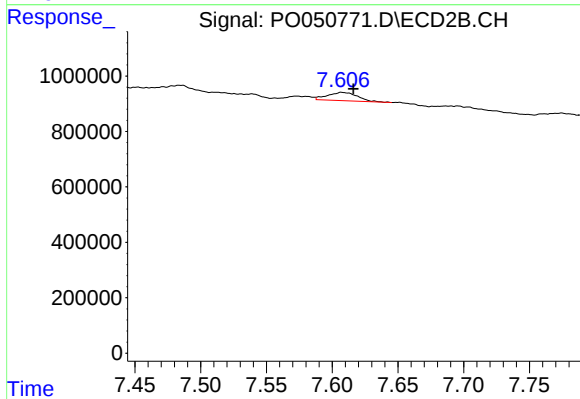
#43 AR-1268-3

R.T.: 7.329 min
Delta R.T.: -0.002 min
Response: 110883
Conc: 2.57 ng/ml



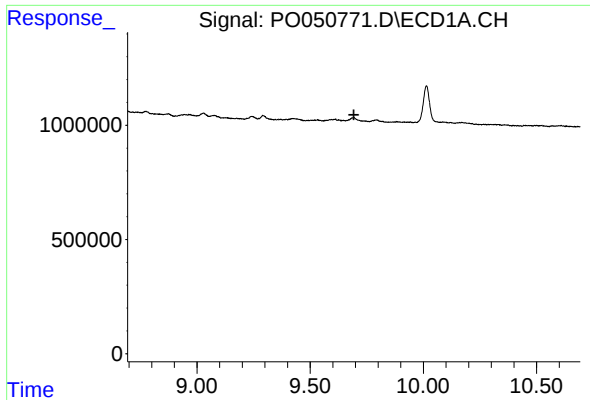
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.296 min
Response: 0
Conc: N.D.



#44 AR-1268-4

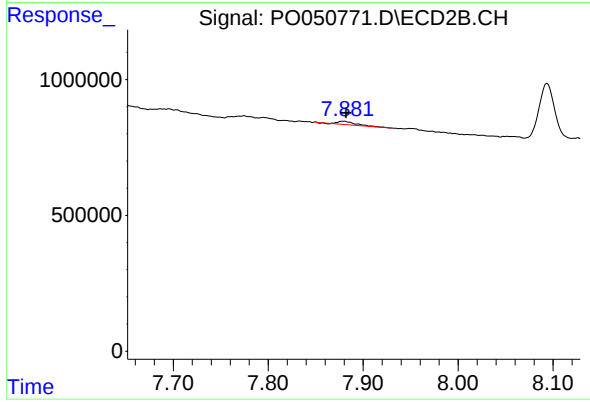
R.T.: 7.607 min
Delta R.T.: -0.009 min
Response: 462211
Conc: 33.08 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.693 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.879 min
Delta R.T.: -0.003 min
Response: 142908
Conc: 1.43 ng/ml