

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103120\
 Data File : PO072937.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2020 21:01
 Operator : DD\AJ
 Sample : L4559-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 07:34:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 31 07:06:26 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...	4.948	4.023	1323809	895376	28.712	25.548
2)	SA Decachlor...	10.979	9.304	866890	739552	23.464	22.176
Target Compounds							
3)	L1 AR-1016-1	6.286	5.278	73919	7954	43.301	5.541 #
4)	L1 AR-1016-2	6.286	5.301	73919	36031	31.331	18.622 #
5)	L1 AR-1016-3	0.000	5.483	0	34224	N.D.	32.640 #
6)	L1 AR-1016-4	0.000	5.538	0	38358	N.D.	44.274 #
7)	L1 AR-1016-5	0.000	5.770	0	82175	N.D.	76.464 #
8)	L2 AR-1221-1	0.000	4.271	0	4973	N.D.	10.184 #
9)	L2 AR-1221-2	0.000	4.374	0	13894	N.D.	38.137 #
12)	L3 AR-1232-2	0.000	5.301	0	36031	N.D.	41.137 #
13)	L3 AR-1232-3	6.286	5.483	73919	34224	71.496	72.847
14)	L3 AR-1232-4	0.000	5.588	0	61217	N.D.	143.758 #
15)	L3 AR-1232-5	0.000	5.770	0	82175	N.D.	176.119 #
16)	L4 AR-1242-1	6.286	5.278	73919	7954	53.132	6.765 #
17)	L4 AR-1242-2	6.286	5.301	73919	36031	38.667	22.689 #
18)	L4 AR-1242-3	0.000	5.483	0	34224	N.D.	39.590 #
19)	L4 AR-1242-4	6.435f	5.588	60970	61217	62.977	73.755
20)	L4 AR-1242-5	7.219f	6.146	776691	180023	758.226	167.761 #
21)	L5 AR-1248-1	6.286	5.278	73919	7954	71.635	8.390 #
22)	L5 AR-1248-2	0.000	5.538	0	38358	N.D.	30.497 #
23)	L5 AR-1248-3	0.000	5.588	0	61217	N.D.	47.335 #
24)	L5 AR-1248-4	7.219	5.770	776691	82175	430.078	52.891 #
25)	L5 AR-1248-5	0.000	6.180	0	87085	N.D.	56.562 #
26)	L6 AR-1254-1	7.164f	6.146	649113	180023	374.551	79.982 #
27)	L6 AR-1254-2	7.422	6.302	223937	100047	83.810	49.811 #
28)	L6 AR-1254-3	7.801	6.721	248930	223049	92.108	70.205
29)	L6 AR-1254-4	8.092	6.960	89679	106194	40.922	48.826
30)	L6 AR-1254-5	8.548f	7.388	1092770	967692	505.585	347.679 #
31)	L7 AR-1260-1	7.966	6.858	133022	210034	71.523	105.624 #
32)	L7 AR-1260-2	8.228	7.054	1005438	143405	442.363	57.233 #
33)	L7 AR-1260-3	8.592	7.207	114183	142924	66.593	64.843
34)	L7 AR-1260-4	8.820	7.706	249837	266301	125.069	144.694
35)	L7 AR-1260-5	9.156	7.935	129098	139185	31.828	31.668
36)	L8 AR-1262-1	8.592	7.388	114183	967692	47.741	697.912 #
37)	L8 AR-1262-2	9.156	7.935	129098	139185	29.180	30.510
38)	L8 AR-1262-3	9.468	8.221	67374	57282	20.943	31.304 #
39)	L8 AR-1262-4	0.000	8.284	0	114740	N.D.	34.465 #
40)	L8 AR-1262-5	0.000	8.783	0	91475	N.D.	55.862 #
41)	L9 AR-1268-1	9.468	8.221	67374	57282	9.150	9.606
42)	L9 AR-1268-2	0.000	8.284	0	114740	N.D.	21.127 #
43)	L9 AR-1268-3	0.000	8.496	0	33769	N.D.	6.928 #

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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	0.000	8.783	0	91475	N.D.	41.894 #
45) L9	AR-1268-5	10.644	9.059	49823	65575	2.938	4.553 #

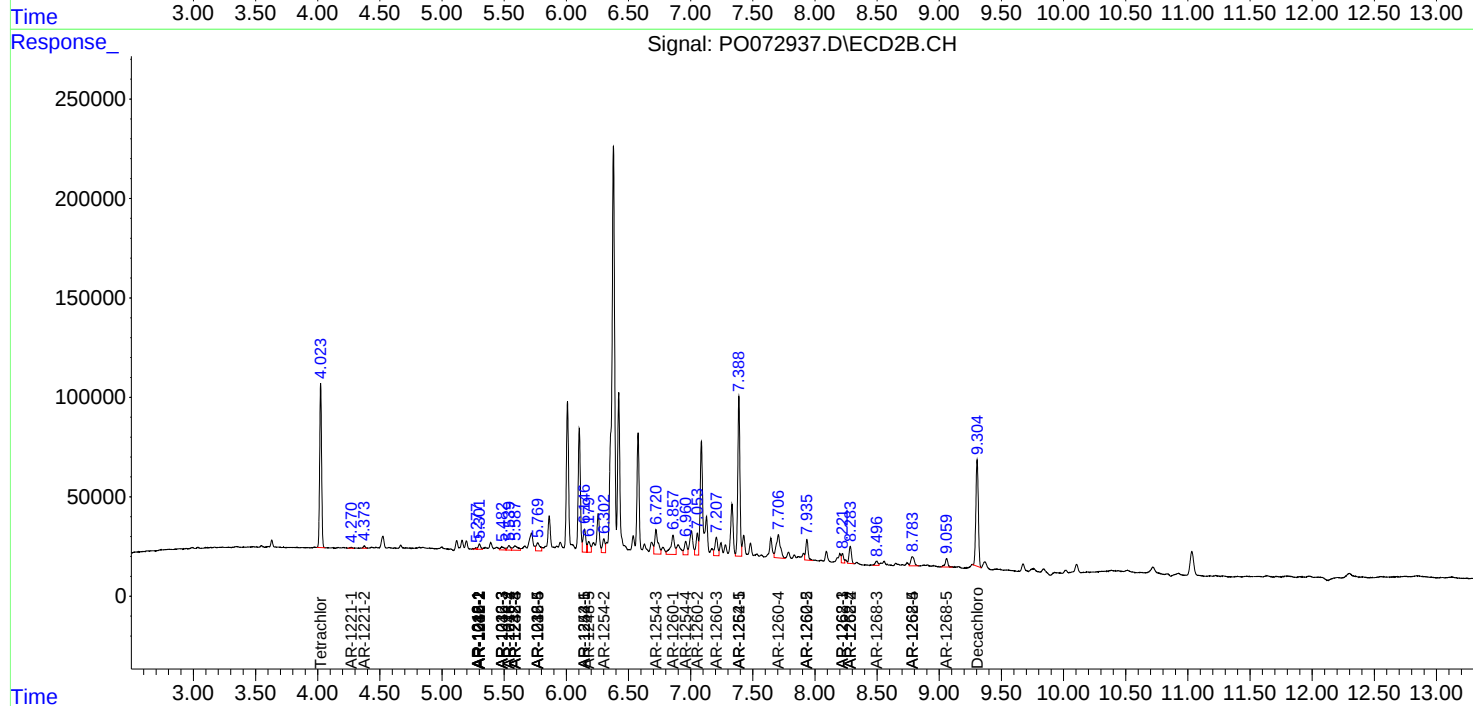
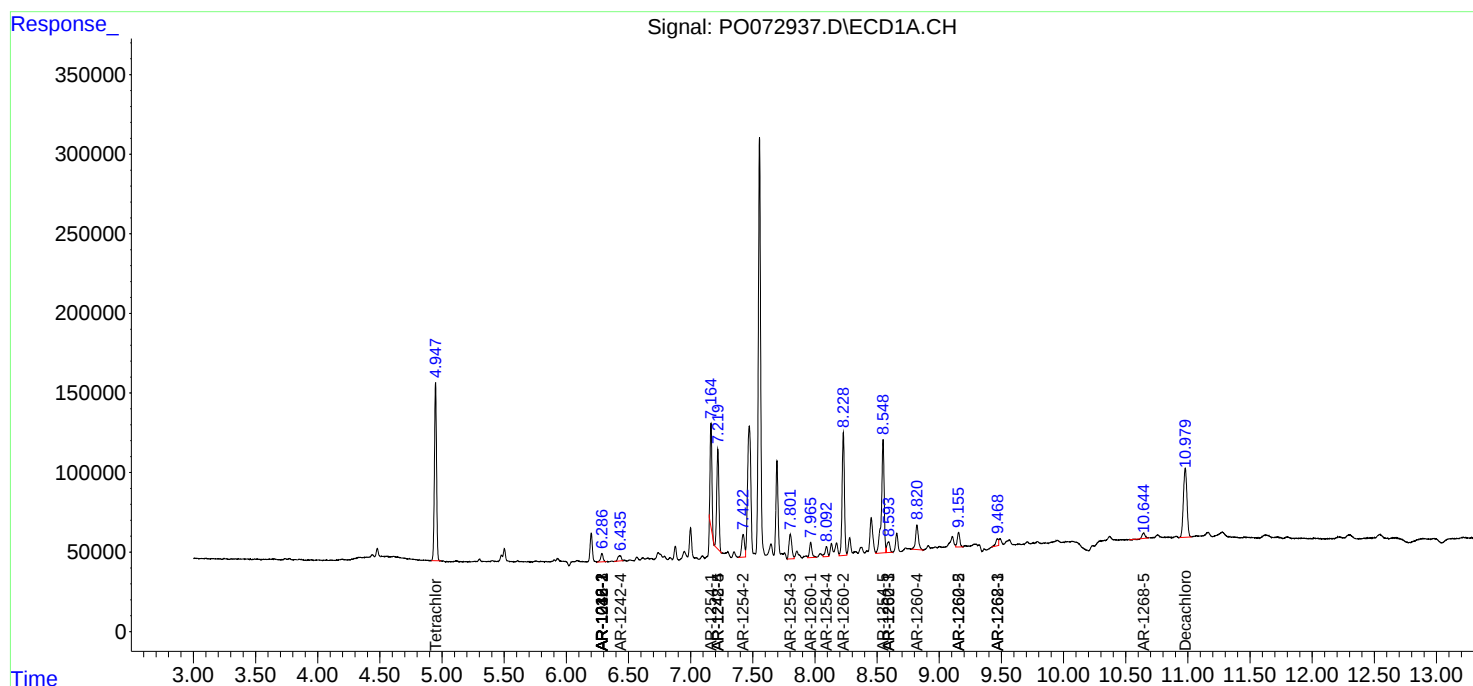
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

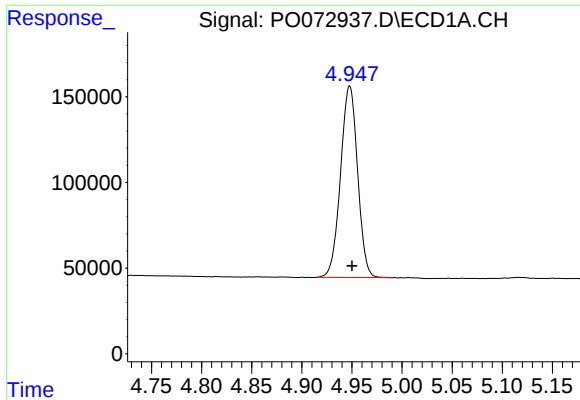
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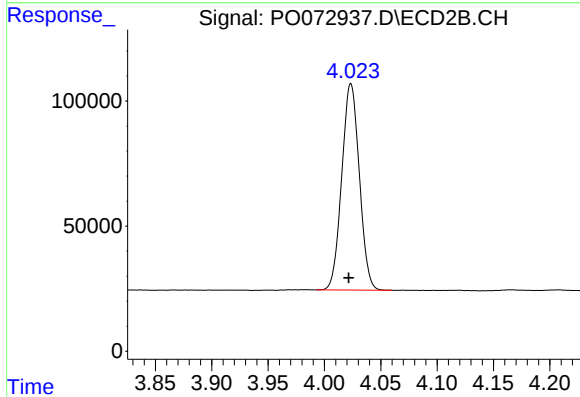




#1 Tetrachloro-m-xylene

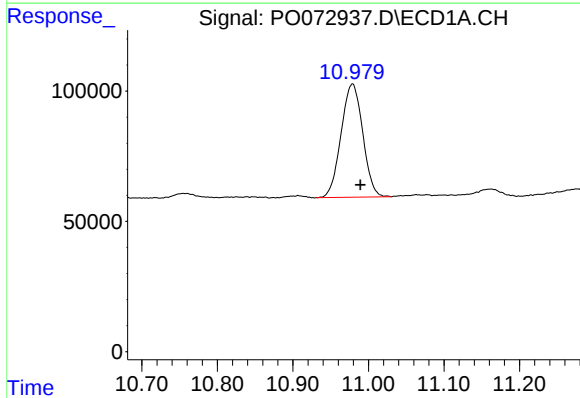
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 1323809
Conc: 28.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



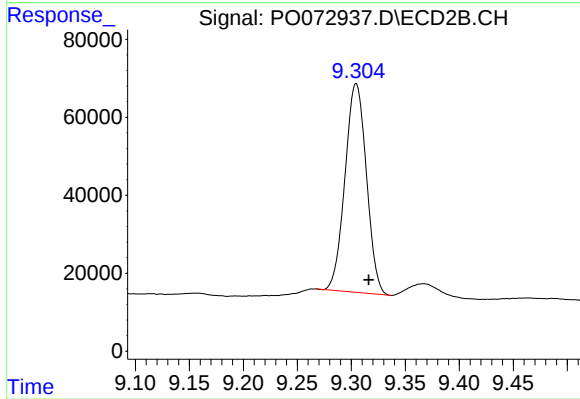
#1 Tetrachloro-m-xylene

R.T.: 4.023 min
Delta R.T.: 0.002 min
Response: 895376
Conc: 25.55 ng/ml



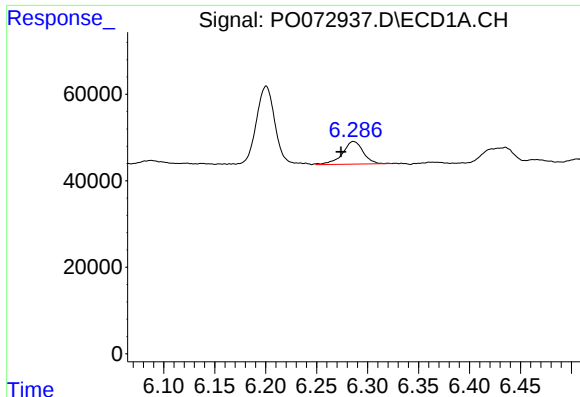
#2 Decachlorobiphenyl

R.T.: 10.979 min
Delta R.T.: -0.010 min
Response: 866890
Conc: 23.46 ng/ml



#2 Decachlorobiphenyl

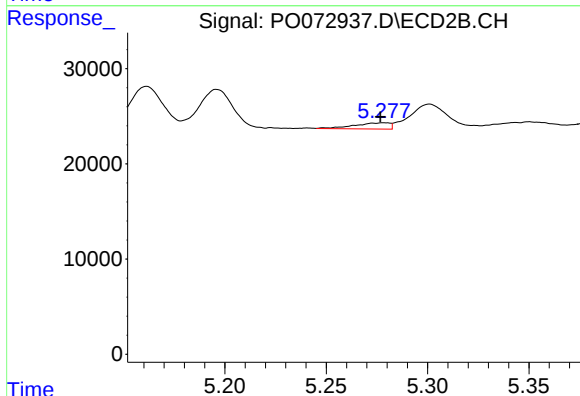
R.T.: 9.304 min
Delta R.T.: -0.012 min
Response: 739552
Conc: 22.18 ng/ml



#3 AR-1016-1

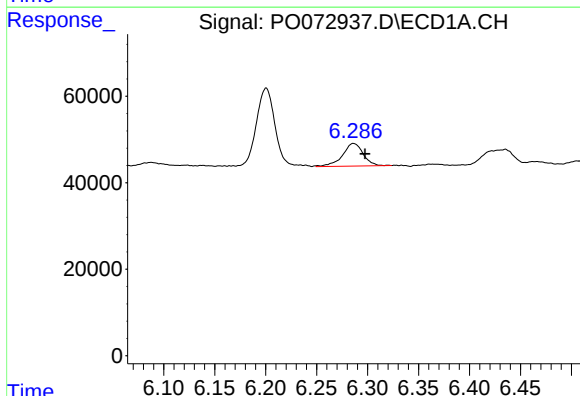
R.T.: 6.286 min
Delta R.T.: 0.012 min
Response: 73919
Conc: 43.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



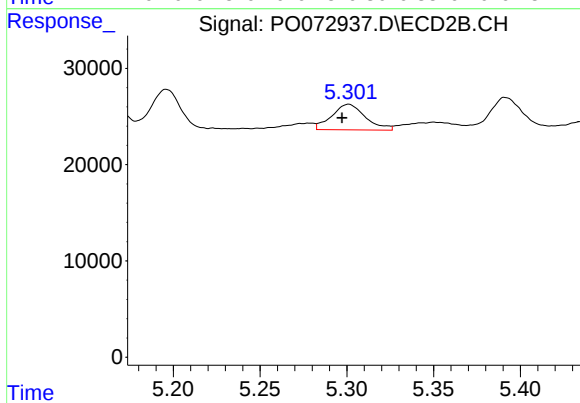
#3 AR-1016-1

R.T.: 5.278 min
Delta R.T.: 0.002 min
Response: 7954
Conc: 5.54 ng/ml



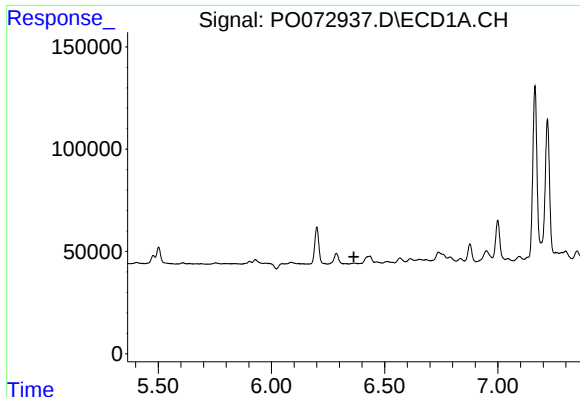
#4 AR-1016-2

R.T.: 6.286 min
Delta R.T.: -0.011 min
Response: 73919
Conc: 31.33 ng/ml



#4 AR-1016-2

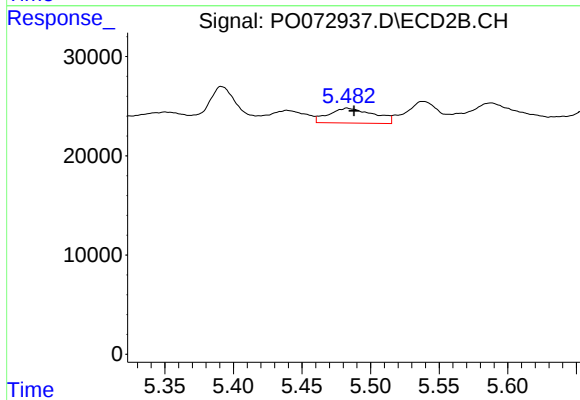
R.T.: 5.301 min
Delta R.T.: 0.004 min
Response: 36031
Conc: 18.62 ng/ml



#5 AR-1016-3

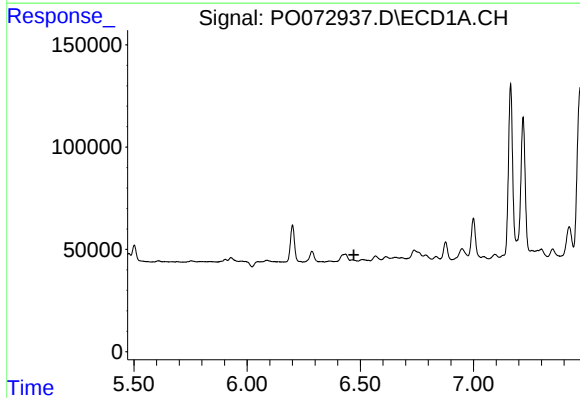
R.T.: 0.000 min
Exp R.T.: 6.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



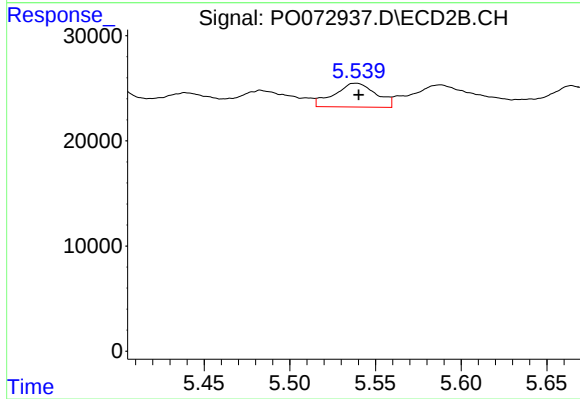
#5 AR-1016-3

R.T.: 5.483 min
Delta R.T.: -0.005 min
Response: 34224
Conc: 32.64 ng/ml



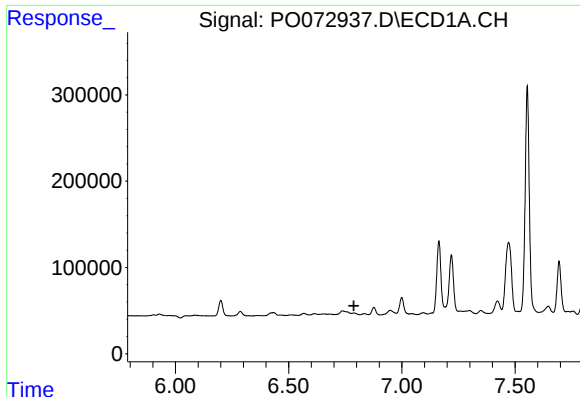
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.472 min
Response: 0
Conc: N.D.



#6 AR-1016-4

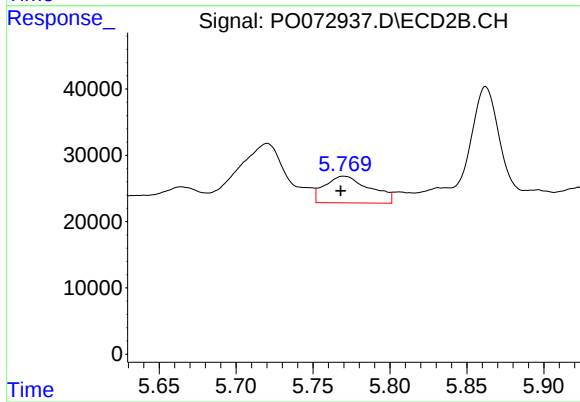
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 38358
Conc: 44.27 ng/ml



#7 AR-1016-5

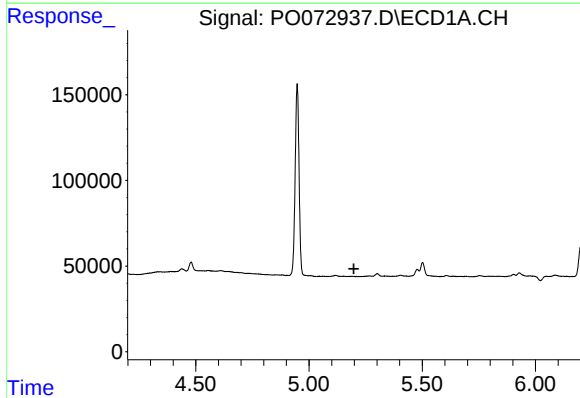
R.T.: 0.000 min
Exp R.T.: 6.788 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



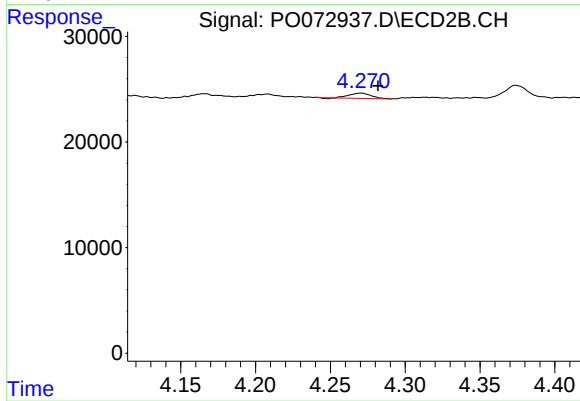
#7 AR-1016-5

R.T.: 5.770 min
Delta R.T.: 0.002 min
Response: 82175
Conc: 76.46 ng/ml



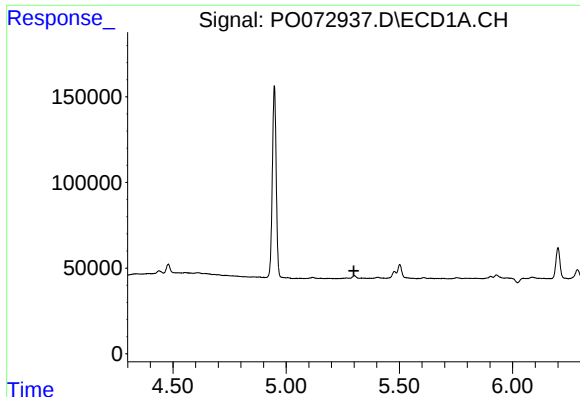
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.199 min
Response: 0
Conc: N.D.



#8 AR-1221-1

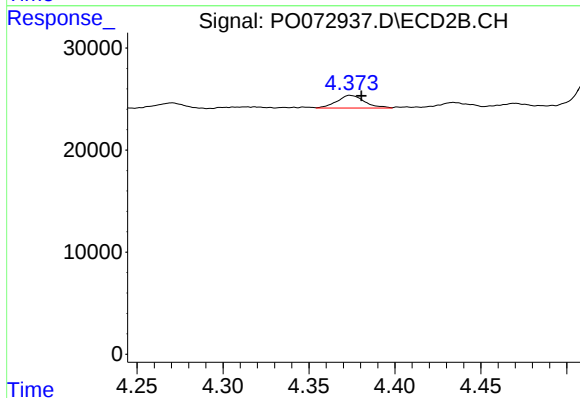
R.T.: 4.271 min
Delta R.T.: -0.011 min
Response: 4973
Conc: 10.18 ng/ml



#9 AR-1221-2

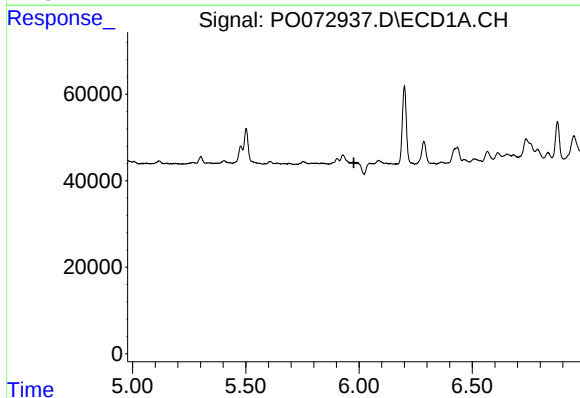
R.T.: 0.000 min
Exp R.T. : 5.299 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



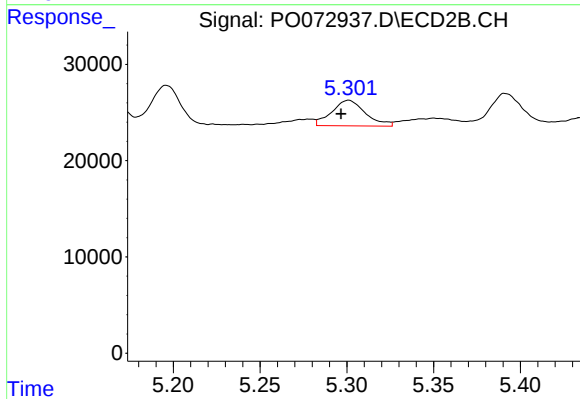
#9 AR-1221-2

R.T.: 4.374 min
Delta R.T.: -0.007 min
Response: 13894
Conc: 38.14 ng/ml



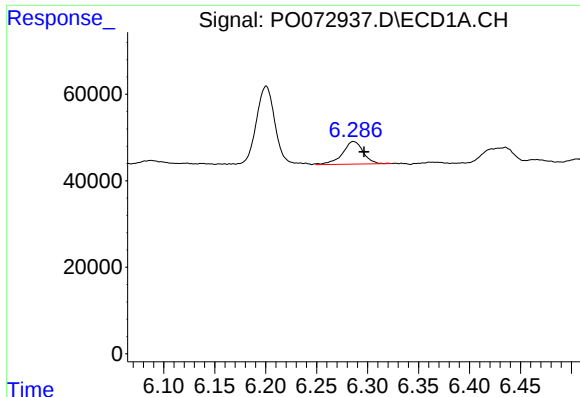
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.977 min
Response: 0
Conc: N.D.



#12 AR-1232-2

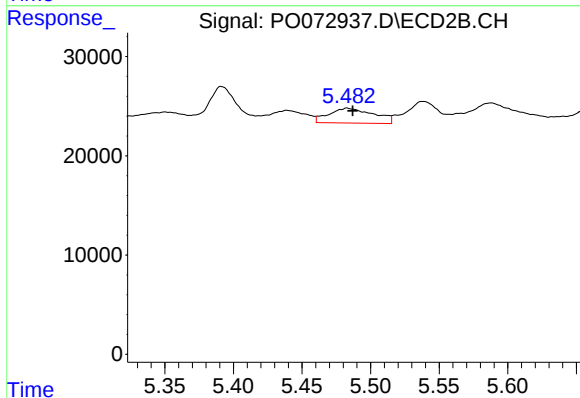
R.T.: 5.301 min
Delta R.T.: 0.004 min
Response: 36031
Conc: 41.14 ng/ml



#13 AR-1232-3

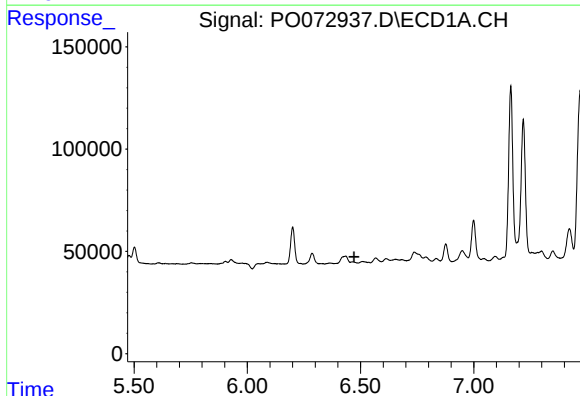
R.T.: 6.286 min
Delta R.T.: -0.010 min
Response: 73919
Conc: 71.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



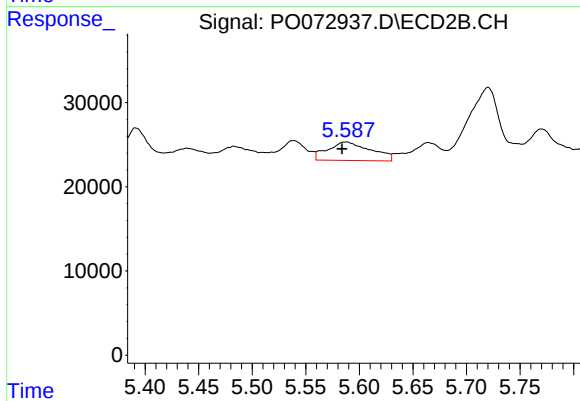
#13 AR-1232-3

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 34224
Conc: 72.85 ng/ml



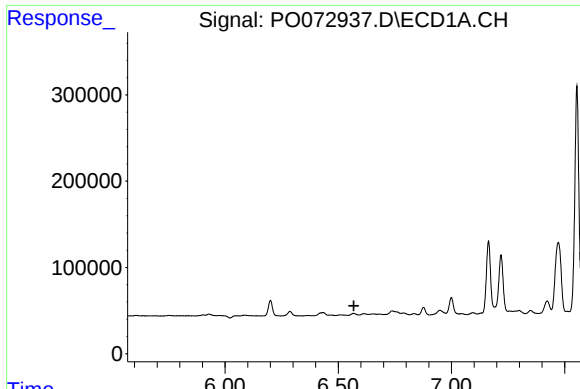
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.471 min
Response: 0
Conc: N.D.



#14 AR-1232-4

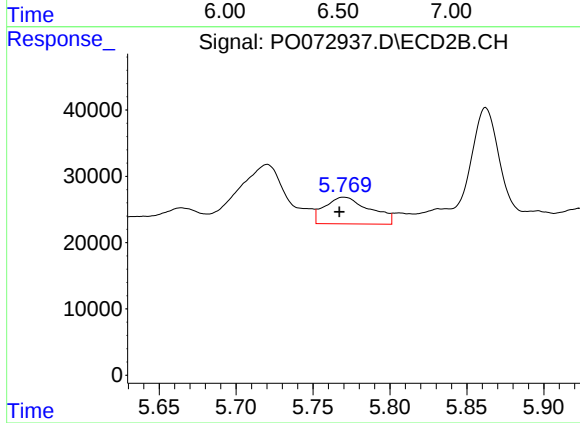
R.T.: 5.588 min
Delta R.T.: 0.004 min
Response: 61217
Conc: 143.76 ng/ml



#15 AR-1232-5

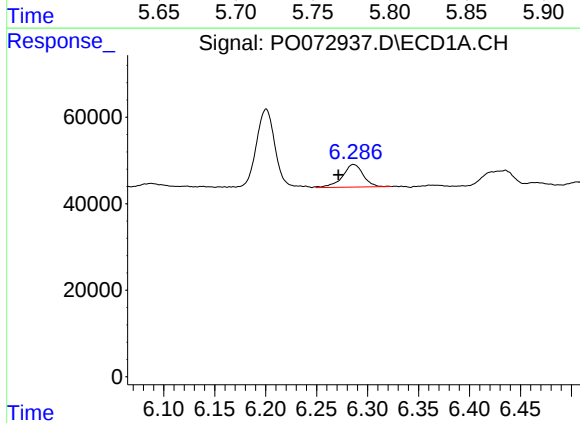
R.T.: 0.000 min
Exp R.T.: 6.569 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



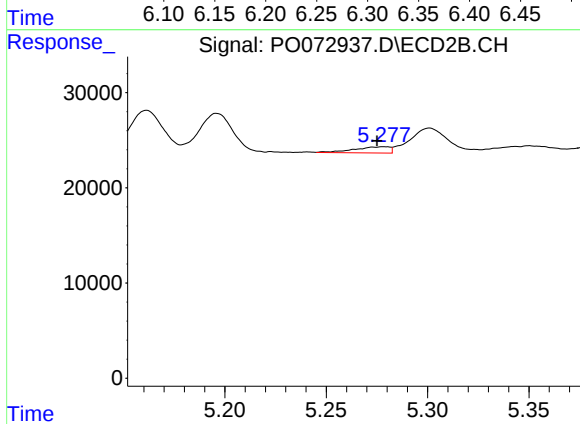
#15 AR-1232-5

R.T.: 5.770 min
Delta R.T.: 0.003 min
Response: 82175
Conc: 176.12 ng/ml



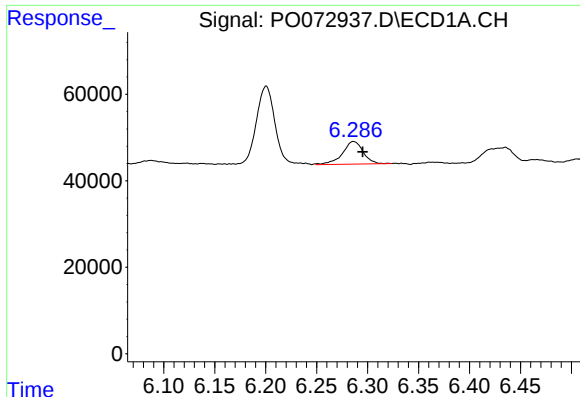
#16 AR-1242-1

R.T.: 6.286 min
Delta R.T.: 0.015 min
Response: 73919
Conc: 53.13 ng/ml



#16 AR-1242-1

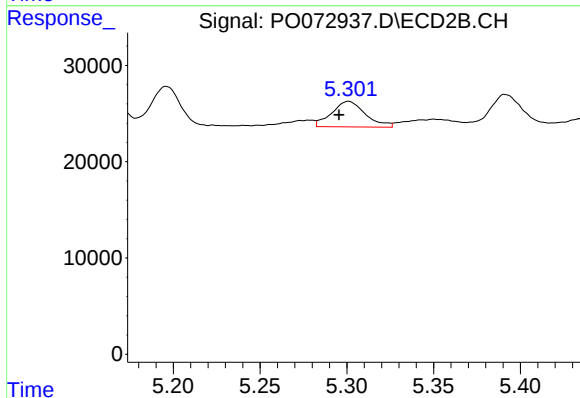
R.T.: 5.278 min
Delta R.T.: 0.003 min
Response: 7954
Conc: 6.77 ng/ml



#17 AR-1242-2

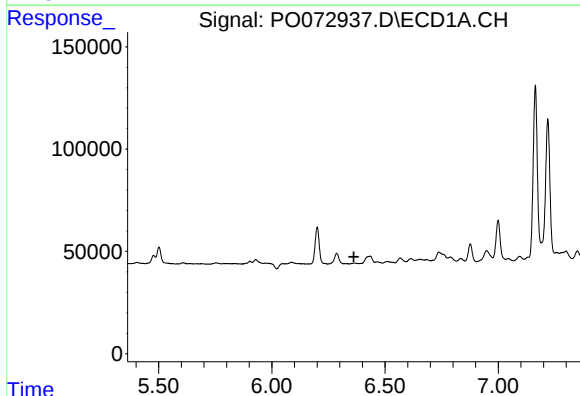
R.T.: 6.286 min
Delta R.T.: -0.009 min
Response: 73919
Conc: 38.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



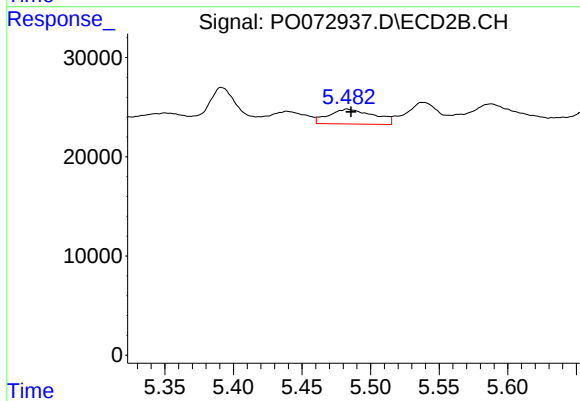
#17 AR-1242-2

R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 36031
Conc: 22.69 ng/ml



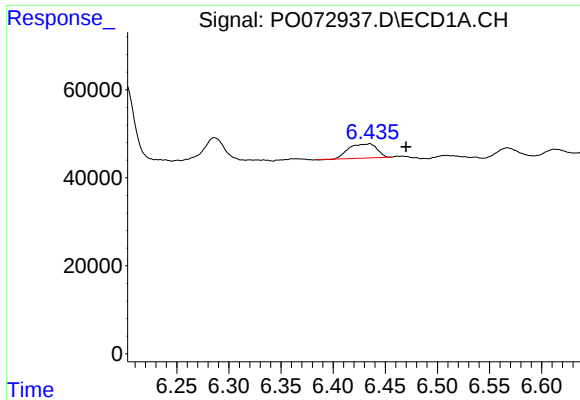
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.362 min
Response: 0
Conc: N.D.



#18 AR-1242-3

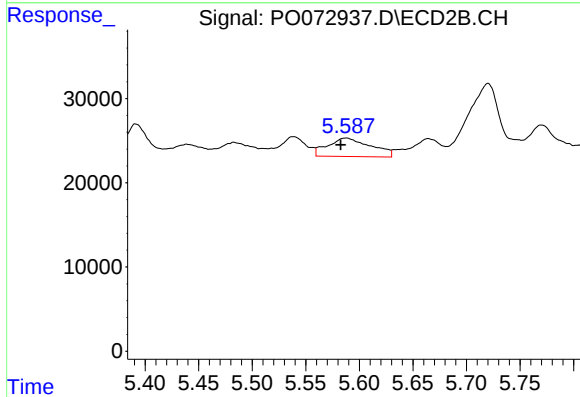
R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 34224
Conc: 39.59 ng/ml



#19 AR-1242-4

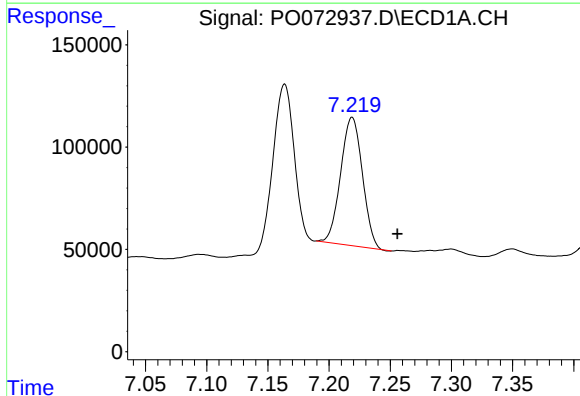
R.T.: 6.435 min
Delta R.T.: -0.035 min
Response: 60970
Conc: 62.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



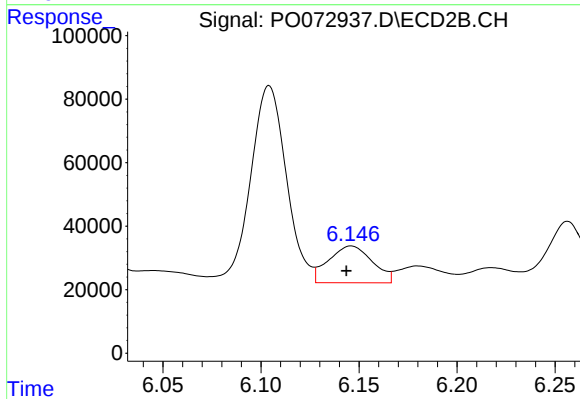
#19 AR-1242-4

R.T.: 5.588 min
Delta R.T.: 0.005 min
Response: 61217
Conc: 73.76 ng/ml



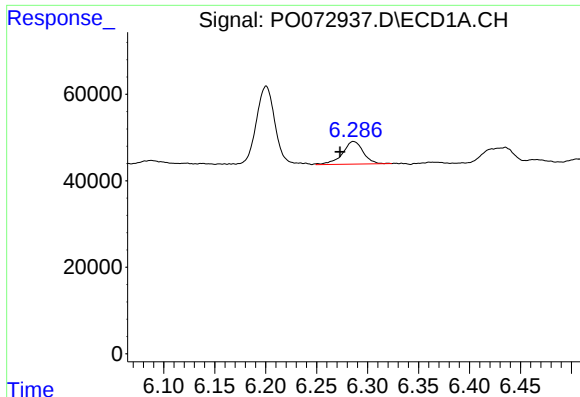
#20 AR-1242-5

R.T.: 7.219 min
Delta R.T.: -0.037 min
Response: 776691
Conc: 758.23 ng/ml



#20 AR-1242-5

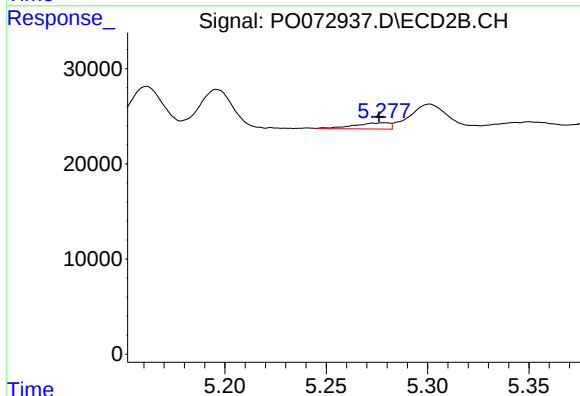
R.T.: 6.146 min
Delta R.T.: 0.002 min
Response: 180023
Conc: 167.76 ng/ml



#21 AR-1248-1

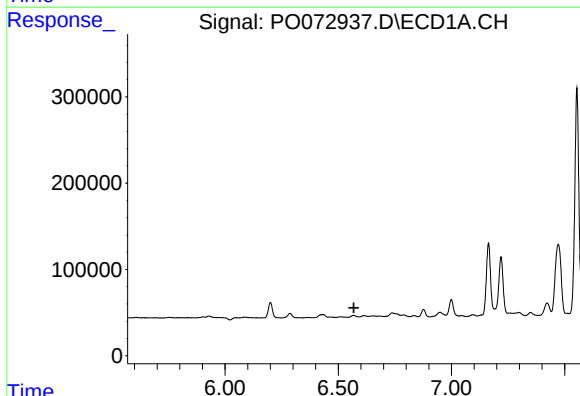
R.T.: 6.286 min
Delta R.T.: 0.013 min
Response: 73919
Conc: 71.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



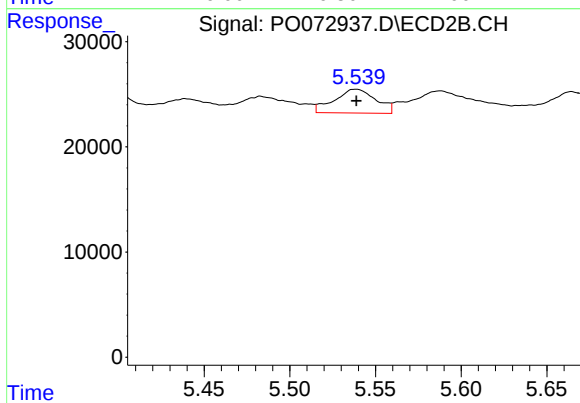
#21 AR-1248-1

R.T.: 5.278 min
Delta R.T.: 0.002 min
Response: 7954
Conc: 8.39 ng/ml



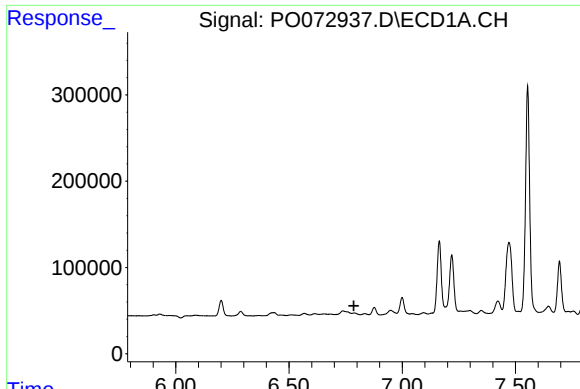
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.569 min
Response: 0
Conc: N.D.



#22 AR-1248-2

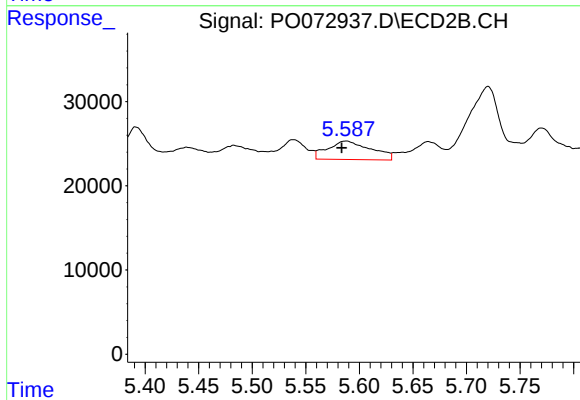
R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 38358
Conc: 30.50 ng/ml



#23 AR-1248-3

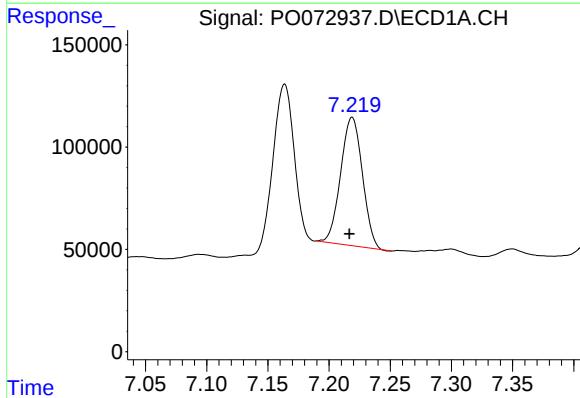
R.T.: 0.000 min
Exp R.T.: 6.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



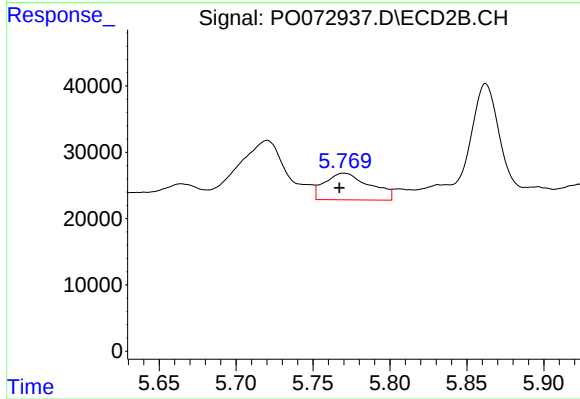
#23 AR-1248-3

R.T.: 5.588 min
Delta R.T.: 0.004 min
Response: 61217
Conc: 47.33 ng/ml



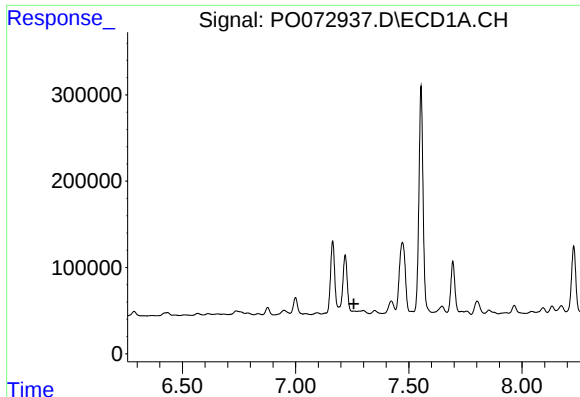
#24 AR-1248-4

R.T.: 7.219 min
Delta R.T.: 0.002 min
Response: 776691
Conc: 430.08 ng/ml



#24 AR-1248-4

R.T.: 5.770 min
Delta R.T.: 0.003 min
Response: 82175
Conc: 52.89 ng/ml



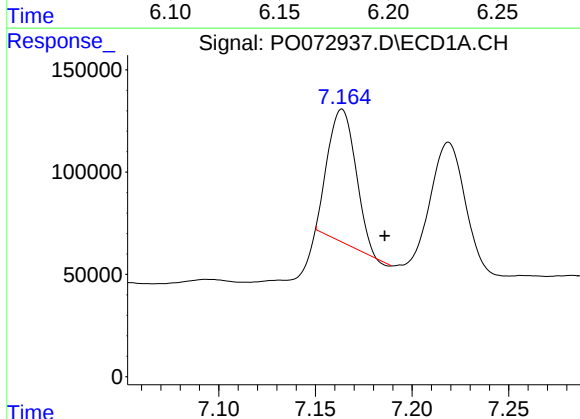
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 7.257 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :

#25 AR-1248-5

R.T.: 6.180 min
Delta R.T.: -0.008 min
Response: 87085
Conc: 56.56 ng/ml

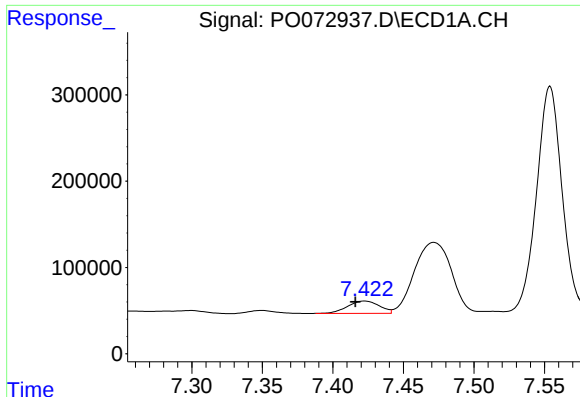


#26 AR-1254-1

R.T.: 7.164 min
Delta R.T.: -0.022 min
Response: 649113
Conc: 374.55 ng/ml

#26 AR-1254-1

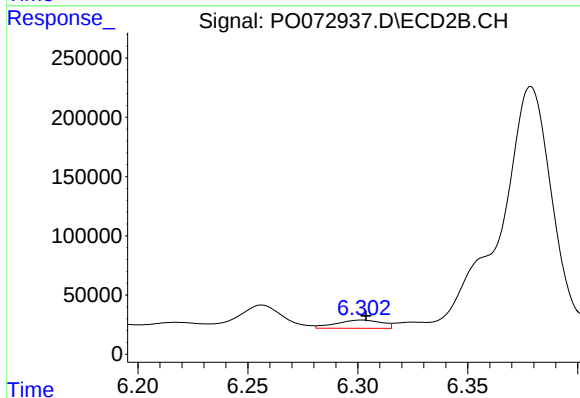
R.T.: 6.146 min
Delta R.T.: 0.001 min
Response: 180023
Conc: 79.98 ng/ml



#27 AR-1254-2

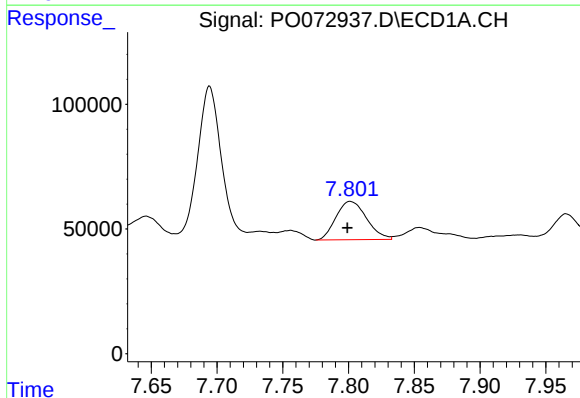
R.T.: 7.422 min
Delta R.T.: 0.007 min
Response: 223937
Conc: 83.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



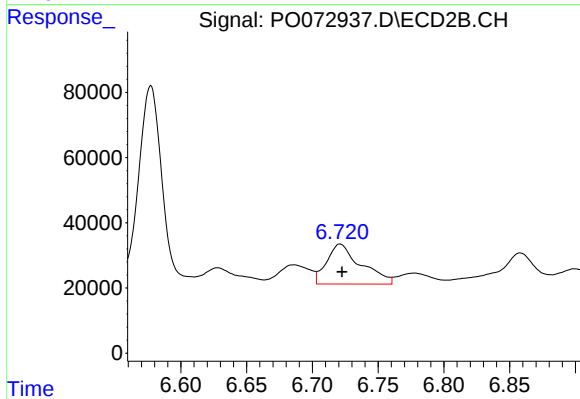
#27 AR-1254-2

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 100047
Conc: 49.81 ng/ml



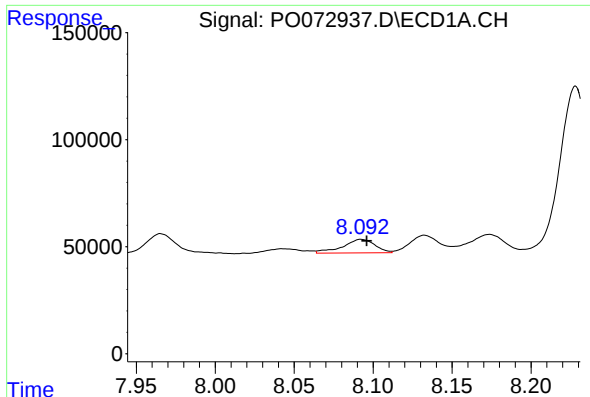
#28 AR-1254-3

R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 248930
Conc: 92.11 ng/ml



#28 AR-1254-3

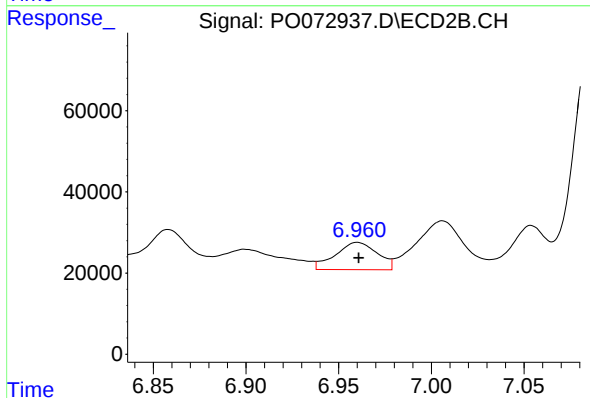
R.T.: 6.721 min
Delta R.T.: -0.002 min
Response: 223049
Conc: 70.20 ng/ml



#29 AR-1254-4

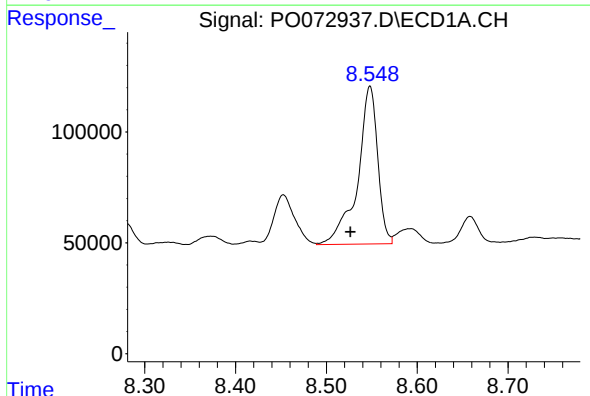
R.T.: 8.092 min
Delta R.T.: -0.003 min
Response: 89679
Conc: 40.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



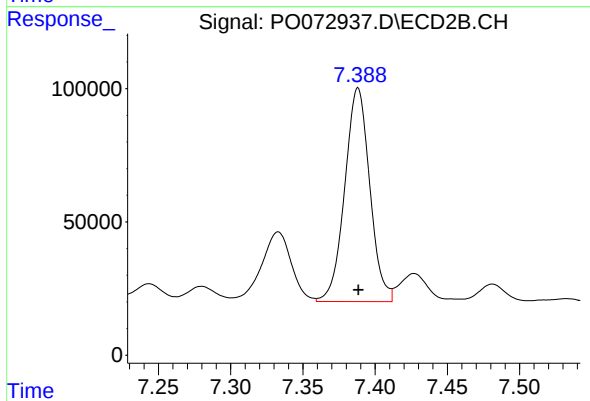
#29 AR-1254-4

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 106194
Conc: 48.83 ng/ml



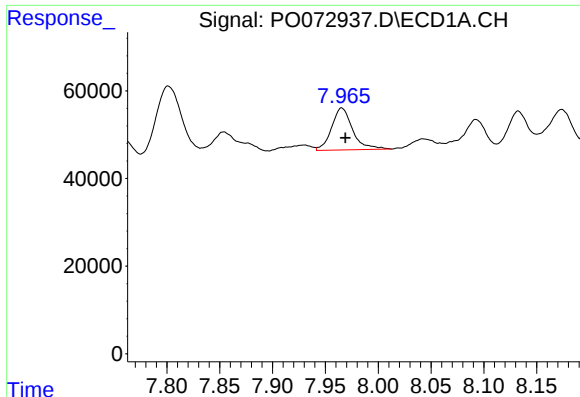
#30 AR-1254-5

R.T.: 8.548 min
Delta R.T.: 0.022 min
Response: 1092770
Conc: 505.58 ng/ml



#30 AR-1254-5

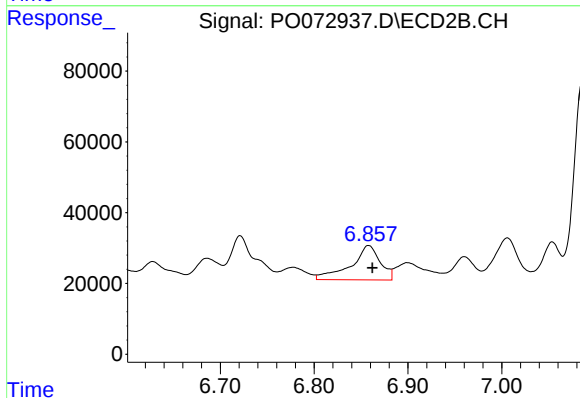
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 967692
Conc: 347.68 ng/ml



#31 AR-1260-1

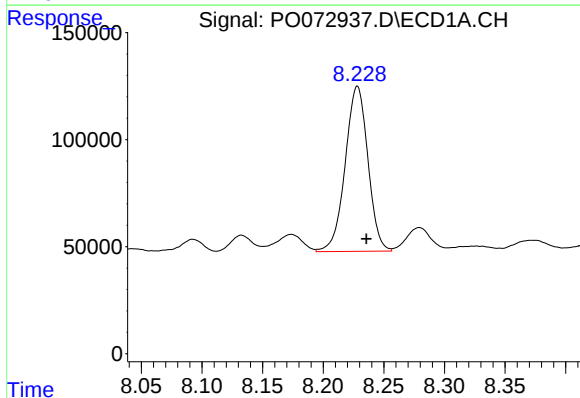
R.T.: 7.966 min
Delta R.T.: -0.003 min
Response: 133022
Conc: 71.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



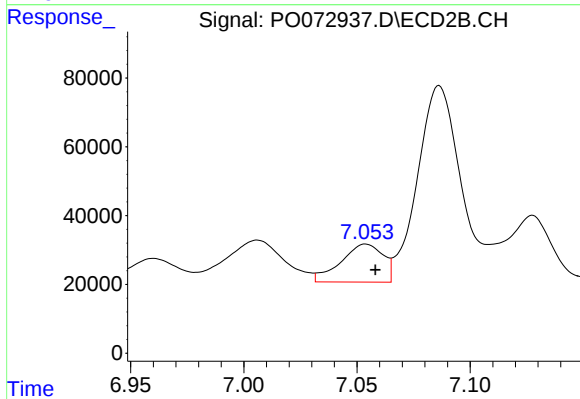
#31 AR-1260-1

R.T.: 6.858 min
Delta R.T.: -0.004 min
Response: 210034
Conc: 105.62 ng/ml



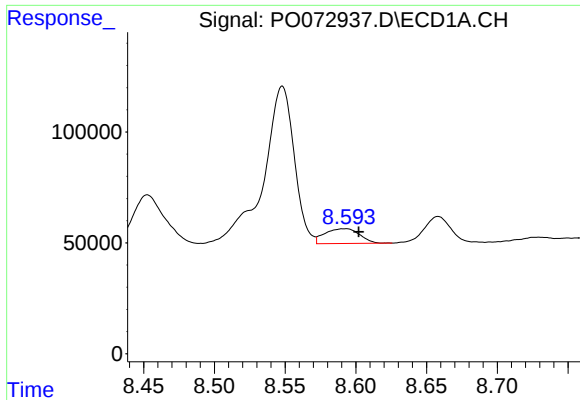
#32 AR-1260-2

R.T.: 8.228 min
Delta R.T.: -0.007 min
Response: 1005438
Conc: 442.36 ng/ml



#32 AR-1260-2

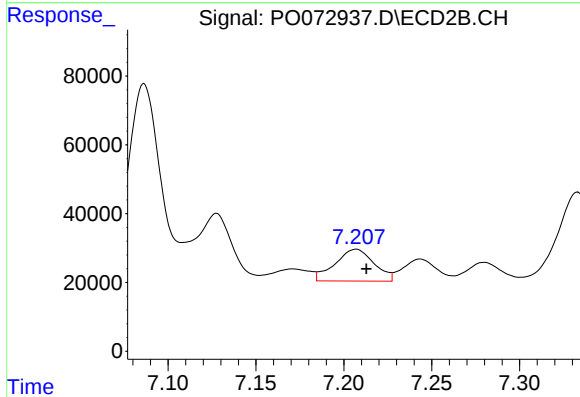
R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 143405
Conc: 57.23 ng/ml



#33 AR-1260-3

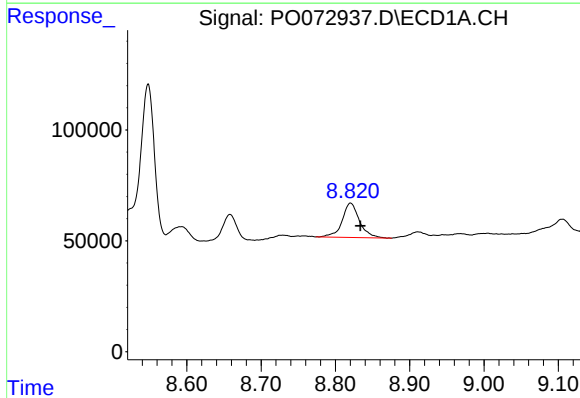
R.T.: 8.592 min
Delta R.T.: -0.010 min
Response: 114183
Conc: 66.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



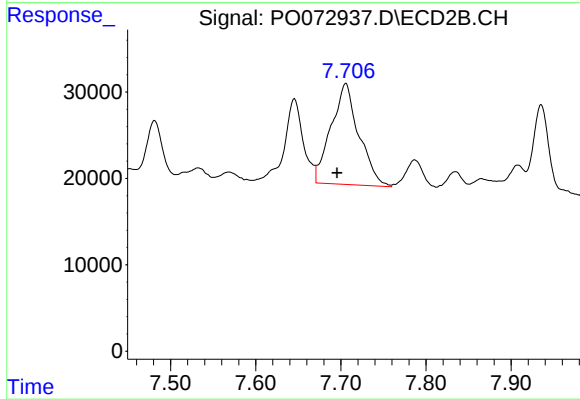
#33 AR-1260-3

R.T.: 7.207 min
Delta R.T.: -0.006 min
Response: 142924
Conc: 64.84 ng/ml



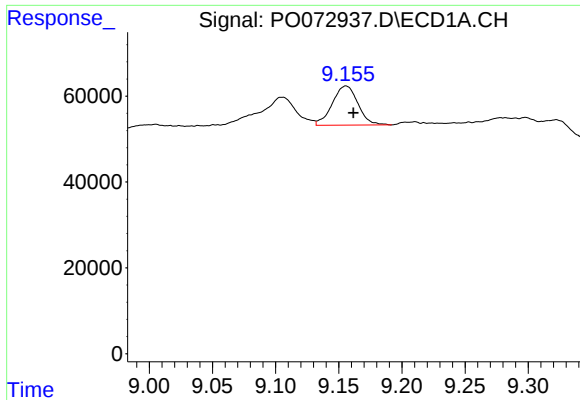
#34 AR-1260-4

R.T.: 8.820 min
Delta R.T.: -0.013 min
Response: 249837
Conc: 125.07 ng/ml



#34 AR-1260-4

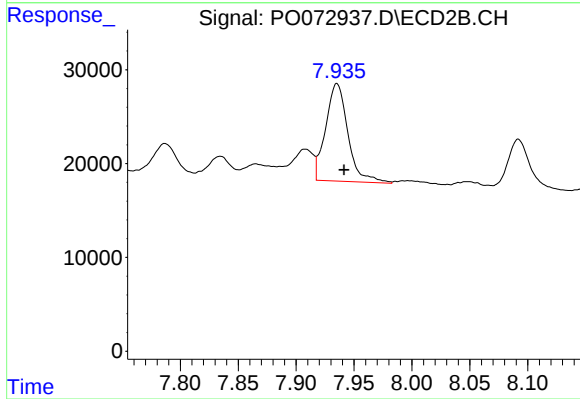
R.T.: 7.706 min
Delta R.T.: 0.010 min
Response: 266301
Conc: 144.69 ng/ml



#35 AR-1260-5

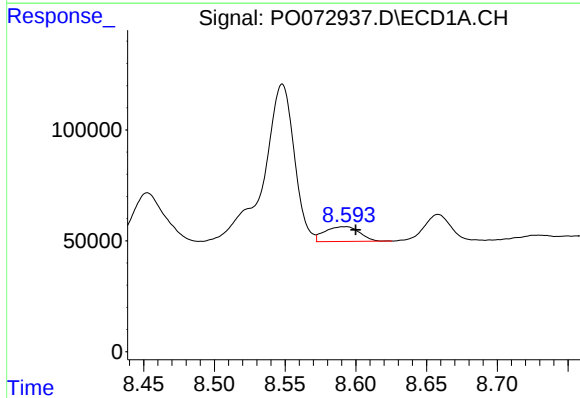
R.T.: 9.156 min
Delta R.T.: -0.006 min
Response: 129098
Conc: 31.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



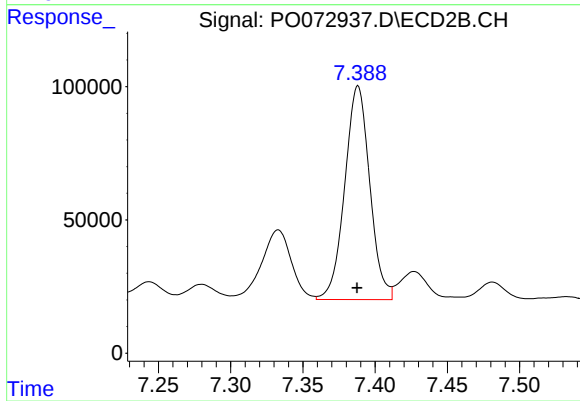
#35 AR-1260-5

R.T.: 7.935 min
Delta R.T.: -0.006 min
Response: 139185
Conc: 31.67 ng/ml



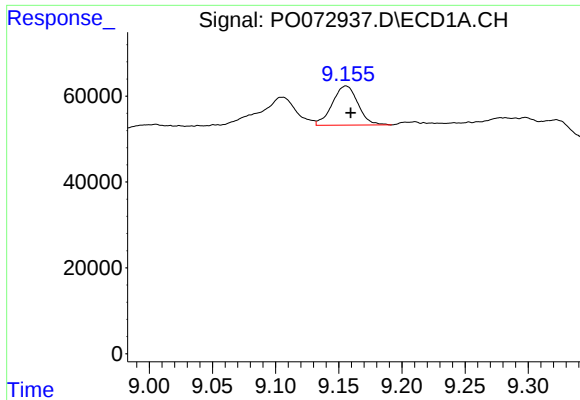
#36 AR-1262-1

R.T.: 8.592 min
Delta R.T.: -0.008 min
Response: 114183
Conc: 47.74 ng/ml



#36 AR-1262-1

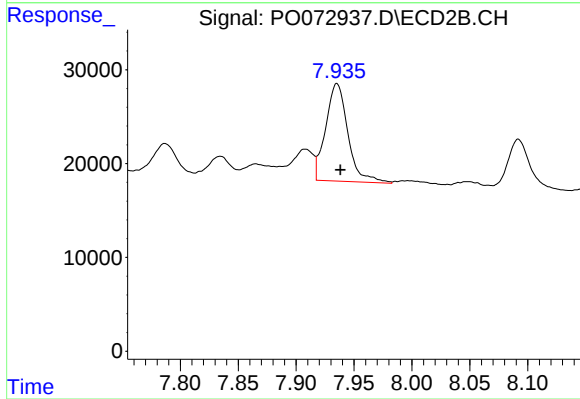
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 967692
Conc: 697.91 ng/ml



#37 AR-1262-2

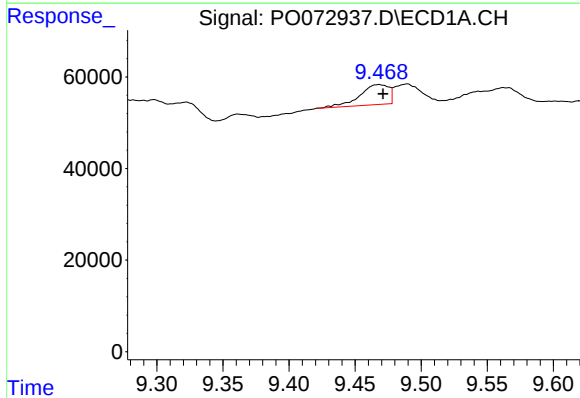
R.T.: 9.156 min
Delta R.T.: -0.004 min
Response: 129098
Conc: 29.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



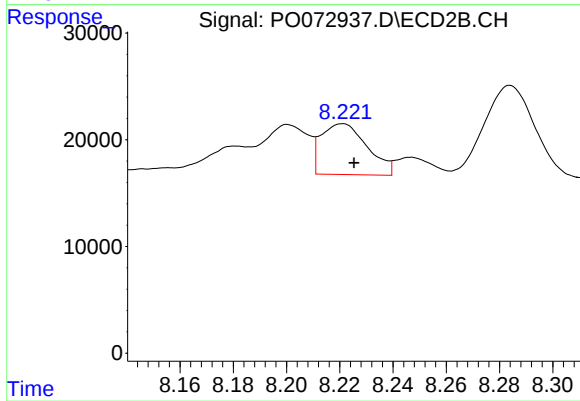
#37 AR-1262-2

R.T.: 7.935 min
Delta R.T.: -0.003 min
Response: 139185
Conc: 30.51 ng/ml



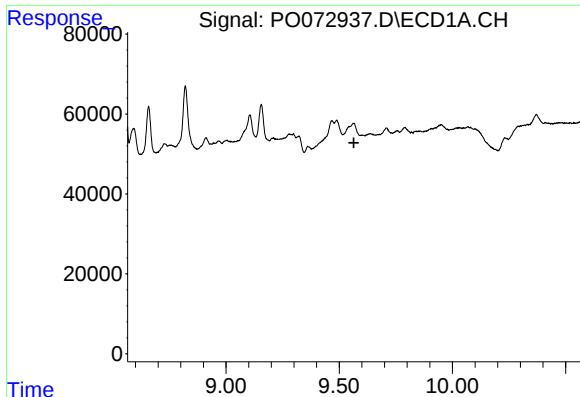
#38 AR-1262-3

R.T.: 9.468 min
Delta R.T.: -0.003 min
Response: 67374
Conc: 20.94 ng/ml



#38 AR-1262-3

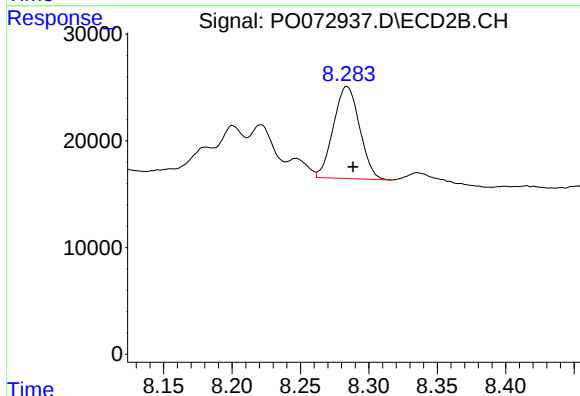
R.T.: 8.221 min
Delta R.T.: -0.004 min
Response: 57282
Conc: 31.30 ng/ml



#39 AR-1262-4

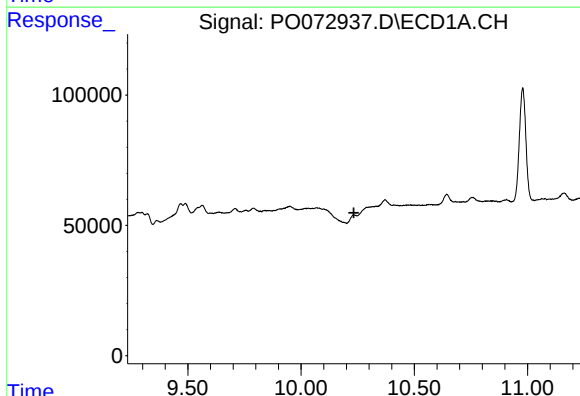
R.T.: 0.000 min
Exp R.T.: 9.565 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



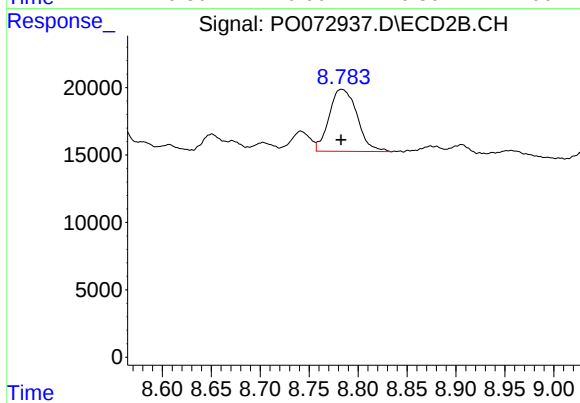
#39 AR-1262-4

R.T.: 8.284 min
Delta R.T.: -0.004 min
Response: 114740
Conc: 34.47 ng/ml



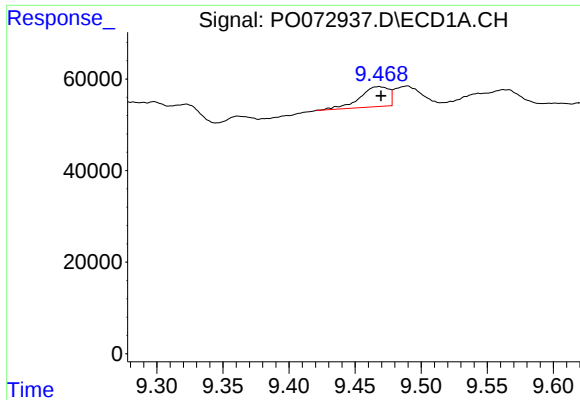
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 10.233 min
Response: 0
Conc: N.D.



#40 AR-1262-5

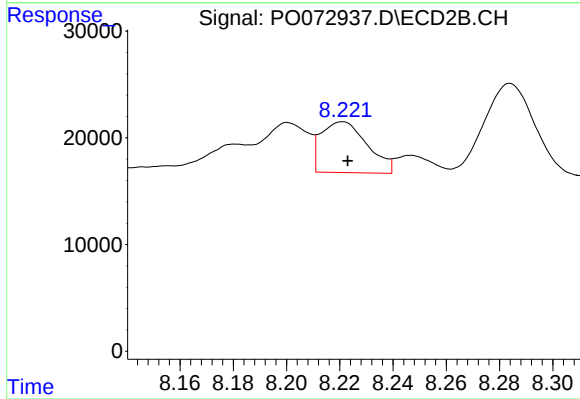
R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 91475
Conc: 55.86 ng/ml



#41 AR-1268-1

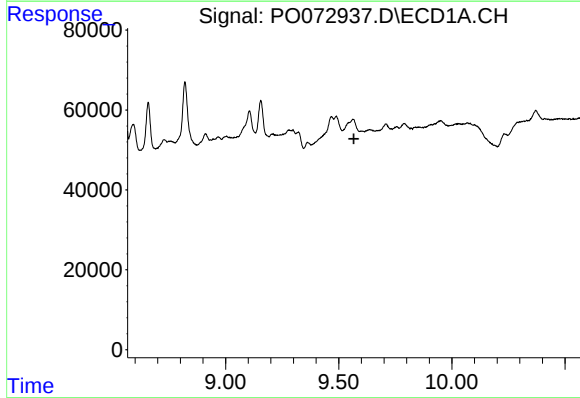
R.T.: 9.468 min
Delta R.T.: -0.002 min
Response: 67374
Conc: 9.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



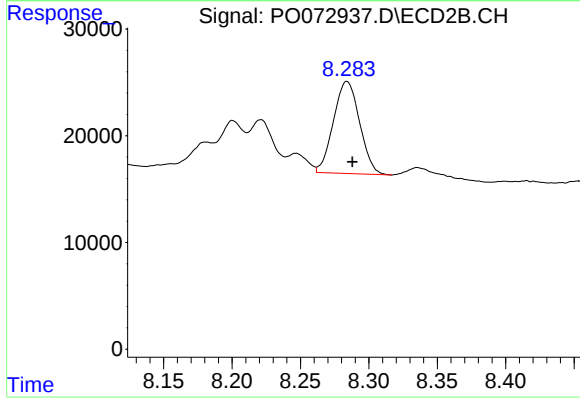
#41 AR-1268-1

R.T.: 8.221 min
Delta R.T.: -0.002 min
Response: 57282
Conc: 9.61 ng/ml



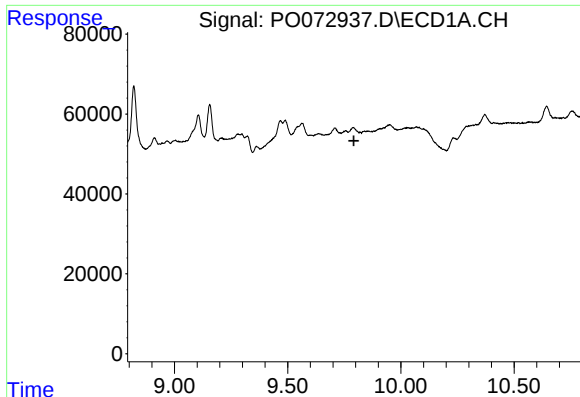
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.567 min
Response: 0
Conc: N.D.



#42 AR-1268-2

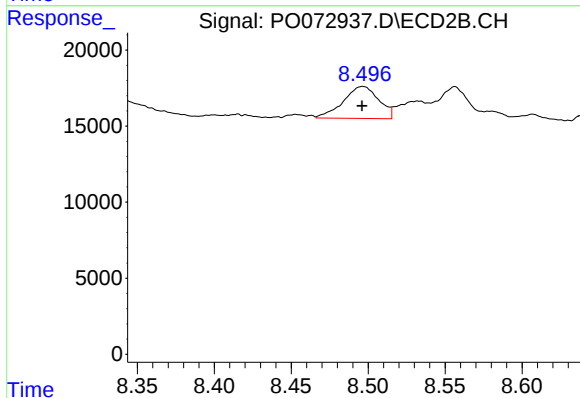
R.T.: 8.284 min
Delta R.T.: -0.004 min
Response: 114740
Conc: 21.13 ng/ml



#43 AR-1268-3

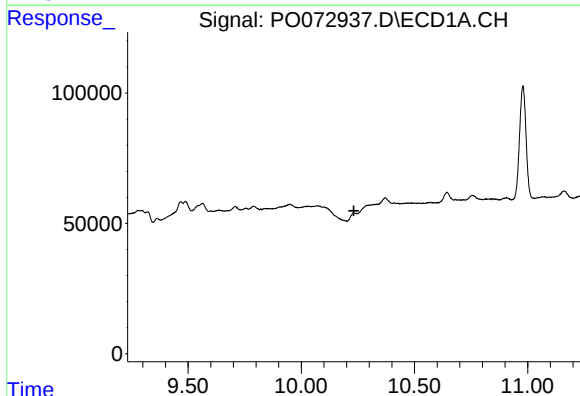
R.T.: 0.000 min
Exp R.T.: 9.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



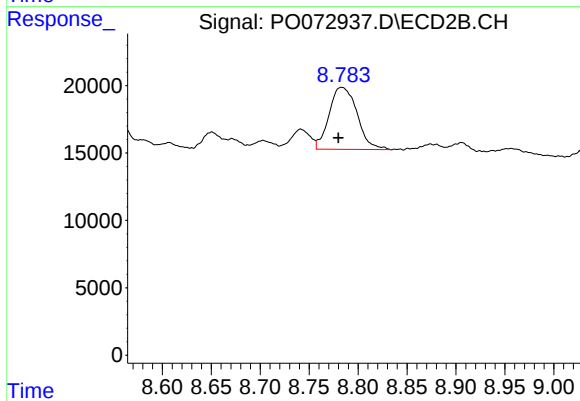
#43 AR-1268-3

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 33769
Conc: 6.93 ng/ml



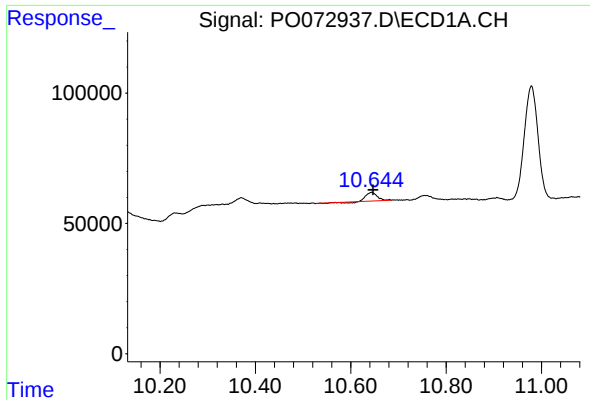
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.233 min
Response: 0
Conc: N.D.



#44 AR-1268-4

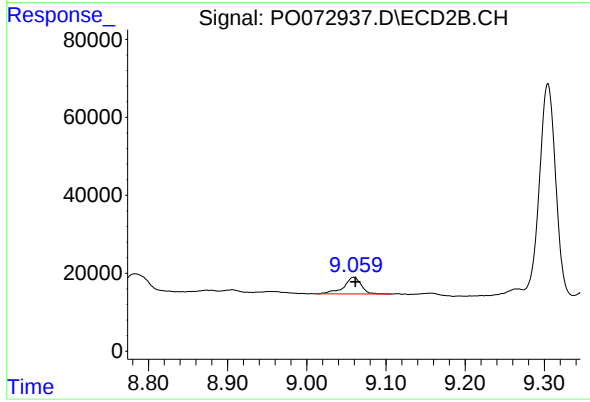
R.T.: 8.783 min
Delta R.T.: 0.003 min
Response: 91475
Conc: 41.89 ng/ml



#45 AR-1268-5

R.T.: 10.644 min
Delta R.T.: -0.003 min
Response: 49823
Conc: 2.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 65575
Conc: 4.55 ng/ml