

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072519\
 Data File : P0058352.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jul 2019 11:37
 Operator : SM/AJ
 Sample : K3966-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 12:39:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 2019
 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...	4.188	3.530	938311	847392	27.690	26.420
2)	SA Decachlor...	9.690	8.426	1195653	770057	23.371	22.467
Target Compounds							
3)	L1 AR-1016-1	5.356	0.000	26258	0	17.015	N.D. #
4)	L1 AR-1016-2	5.356	0.000	26258	0	11.625	N.D. #
5)	L1 AR-1016-3	5.491	0.000	68230	0	48.210	N.D. #
6)	L1 AR-1016-4	5.563	0.000	9838	0	8.639	N.D. #
7)	L1 AR-1016-5	5.814	4.991	43849	41497	38.227	40.477
8)	L2 AR-1221-1	4.409	0.000	331246	0	802.857	N.D. #
9)	L2 AR-1221-2	4.543	0.000	444164	0	1436.042	N.D. #
10)	L2 AR-1221-3	4.543	0.000	444164	0	447.172	N.D. #
11)	L3 AR-1232-1	4.543	0.000	444164	0	540.633	N.D. #
13)	L3 AR-1232-3	5.356	0.000	26258	0	26.364	N.D. #
14)	L3 AR-1232-4	5.563	0.000	9838	0	19.730	N.D. #
15)	L3 AR-1232-5	5.613	4.991	18651	41497	49.464	100.253 #
16)	L4 AR-1242-1	5.356	0.000	26258	0	21.439	N.D. #
17)	L4 AR-1242-2	5.356	0.000	26258	0	14.301	N.D. #
18)	L4 AR-1242-3	5.491	0.000	68230	0	58.762	N.D. #
19)	L4 AR-1242-4	5.563	0.000	9838	0	10.435	N.D. #
20)	L4 AR-1242-5	6.255	5.376	42111	66310	36.365	69.590 #
21)	L5 AR-1248-1	5.356	0.000	26258	0	28.088	N.D. #
22)	L5 AR-1248-2	5.613	0.000	18651	0	13.842	N.D. #
23)	L5 AR-1248-3	5.814	0.000	43849	0	28.285	N.D. #
24)	L5 AR-1248-4	6.213	4.991	96307	41497	49.190	32.228 #
25)	L5 AR-1248-5	6.255	5.479	42111	47872	22.096	37.868 #
26)	L6 AR-1254-1	6.186	5.376	89942	66310	45.767	32.546 #
27)	L6 AR-1254-2	6.401	5.544	220708	35852	67.515	19.784 #
28)	L6 AR-1254-3	6.765	5.919	340734	263342	96.586	89.926
29)	L6 AR-1254-4	7.048	6.146	292573	114220	98.881	61.819 #
30)	L6 AR-1254-5	7.462	6.556	545870	324723	185.971	119.450 #
31)	L7 AR-1260-1	6.923	6.046	286527	150189	114.559	74.160 #
32)	L7 AR-1260-2	7.178	6.233	480923	191939	136.787	74.637 #
33)	L7 AR-1260-3	7.530	6.382	305515	150296	104.051	65.899 #
34)	L7 AR-1260-4	7.754	6.847	269419	58962	98.625	30.452 #
35)	L7 AR-1260-5	8.064	7.091	187127	179224	32.255	38.940
36)	L8 AR-1262-1	7.530	6.587	305515	111818	55.299	28.151 #
37)	L8 AR-1262-2	8.064	7.091	187127	179224	22.005	27.747 #
38)	L8 AR-1262-3	8.366	7.367	138001	44080	24.516	15.992 #
39)	L8 AR-1262-4	0.000	7.431	0	143073	N.D.	29.965 #
40)	L8 AR-1262-5	9.030	7.924	41626	57962	14.981	29.143 #
41)	L9 AR-1268-1	8.366	7.367	138001	44080	13.420	5.646 #
42)	L9 AR-1268-2	0.000	7.431	0	143073	N.D.	20.080 #

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Volume Inj. : 2 µl
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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	8.633	7.631	22824	33242	2.858	5.519 #
44) L9	AR-1268-4	9.030	7.924	41626	57962	14.048	27.709 #
45) L9	AR-1268-5	9.397	8.195	86577	71121	3.975	4.265

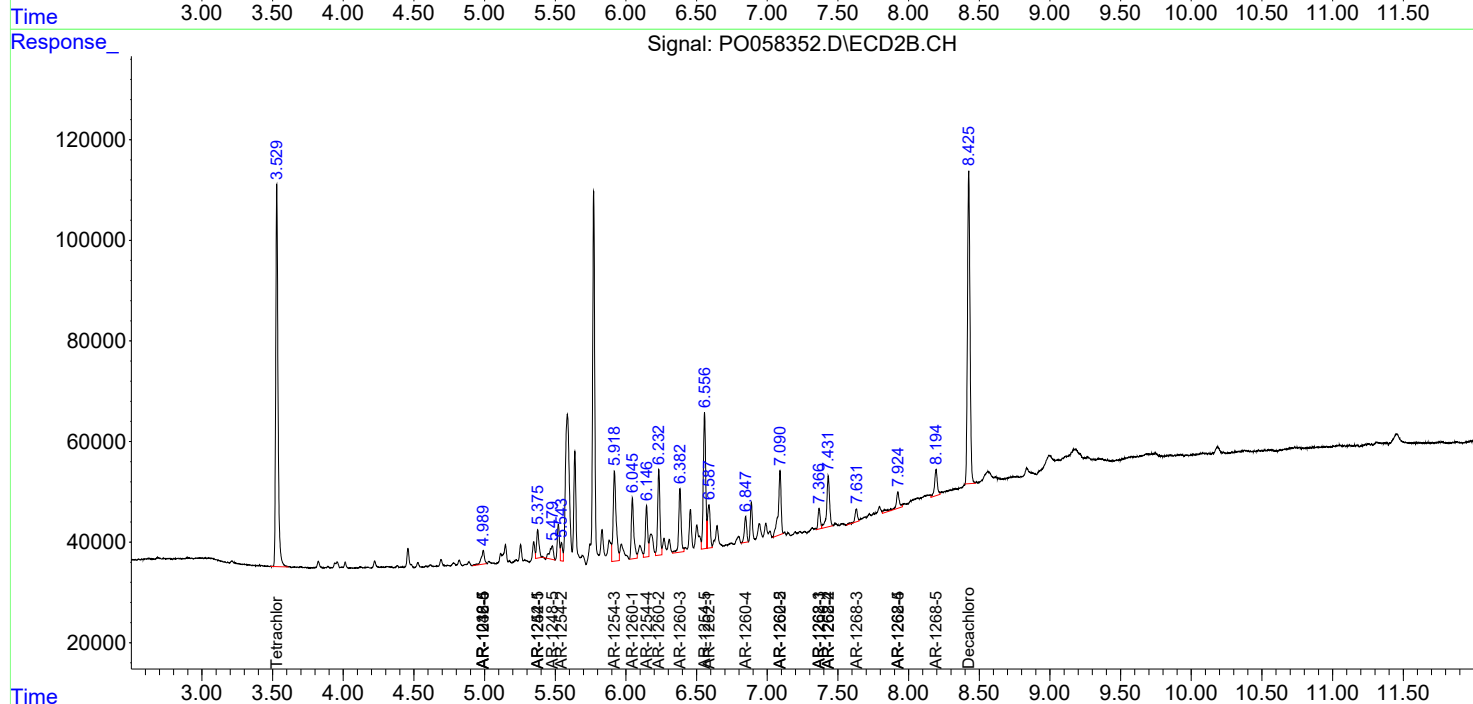
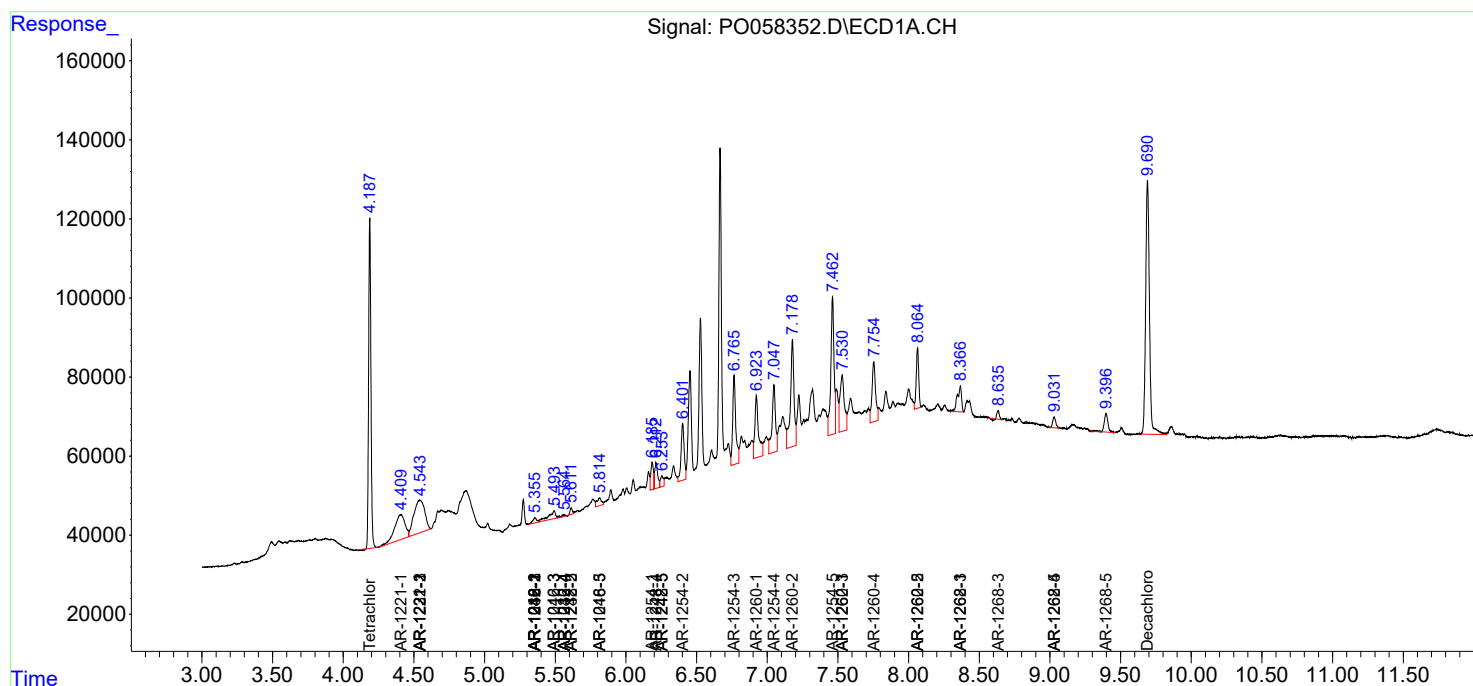
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

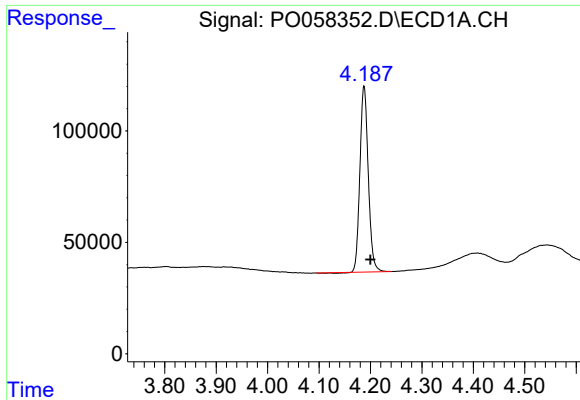
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Operator : SM/AJ
Sample : K3966-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 12:39:30 2019
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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

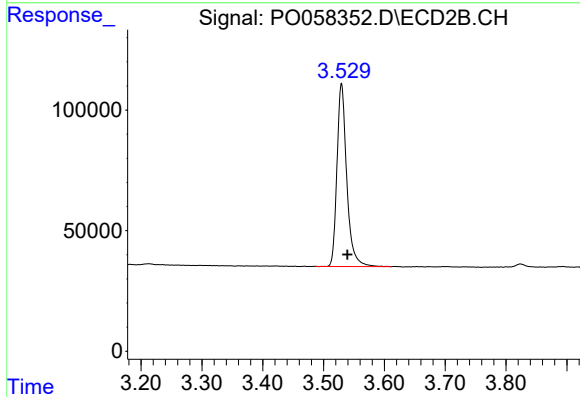




#1 Tetrachloro-m-xylene

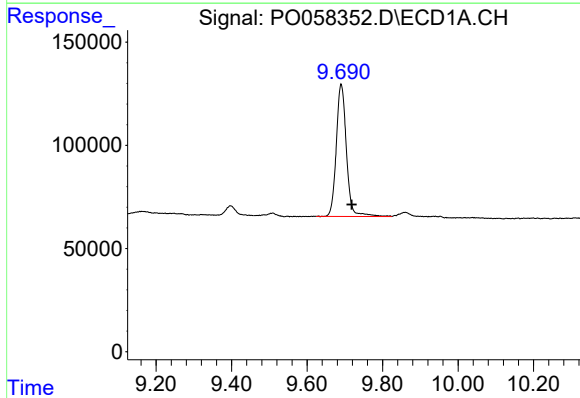
R.T.: 4.188 min
Delta R.T.: -0.012 min
Response: 938311
Conc: 27.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



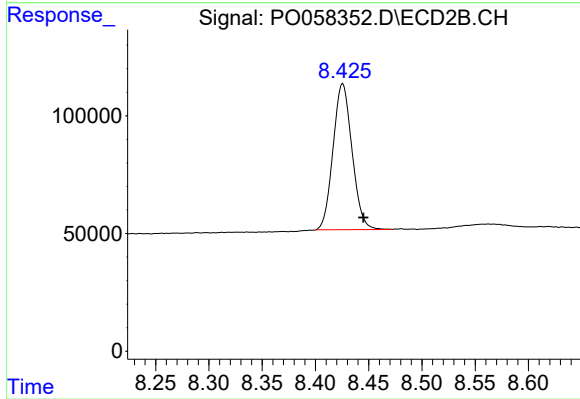
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.010 min
Response: 847392
Conc: 26.42 ng/ml



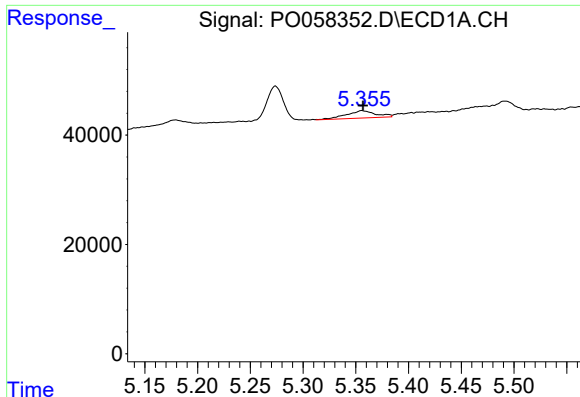
#2 Decachlorobiphenyl

R.T.: 9.690 min
Delta R.T.: -0.028 min
Response: 1195653
Conc: 23.37 ng/ml



#2 Decachlorobiphenyl

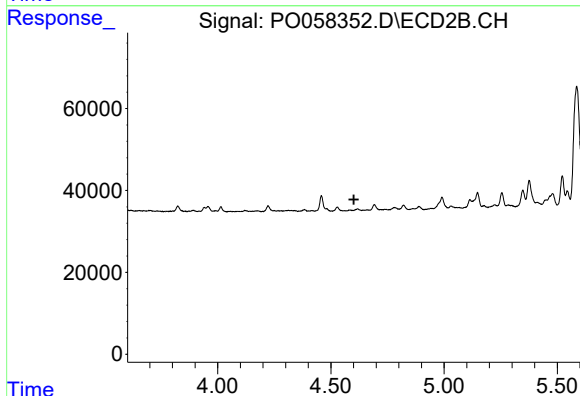
R.T.: 8.426 min
Delta R.T.: -0.020 min
Response: 770057
Conc: 22.47 ng/ml



#3 AR-1016-1

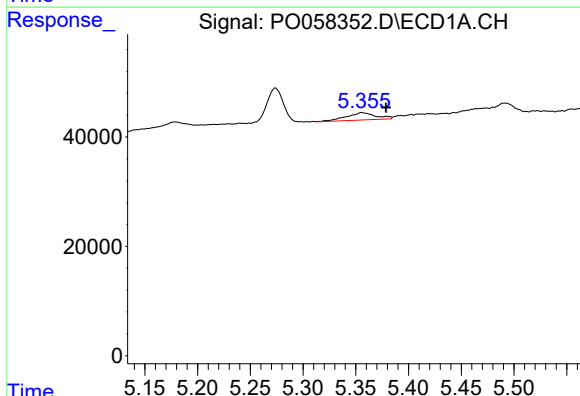
R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 26258
Conc: 17.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



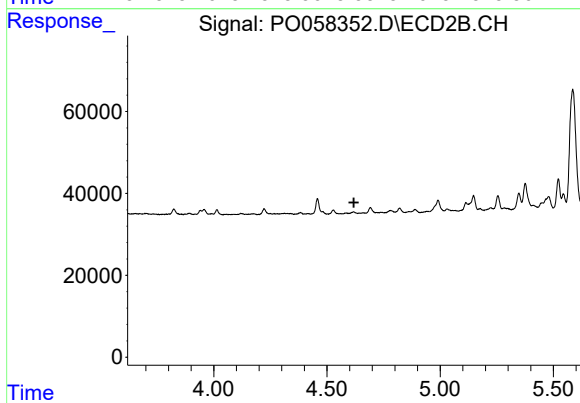
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



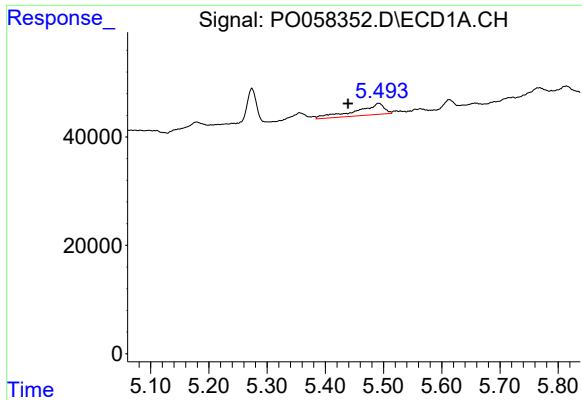
#4 AR-1016-2

R.T.: 5.356 min
Delta R.T.: -0.023 min
Response: 26258
Conc: 11.63 ng/ml



#4 AR-1016-2

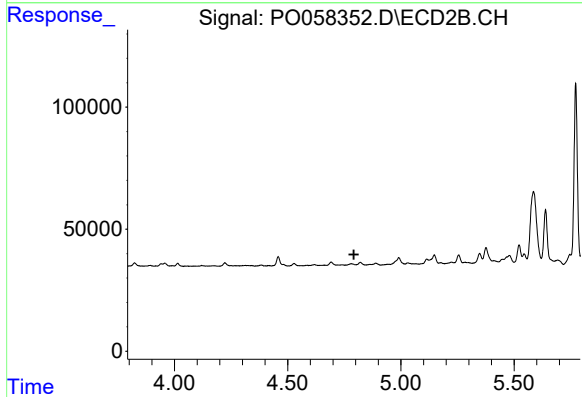
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#5 AR-1016-3

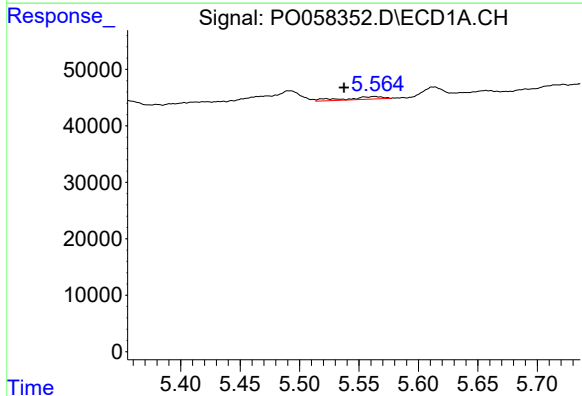
R.T.: 5.491 min
Delta R.T.: 0.053 min
Response: 68230
Conc: 48.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



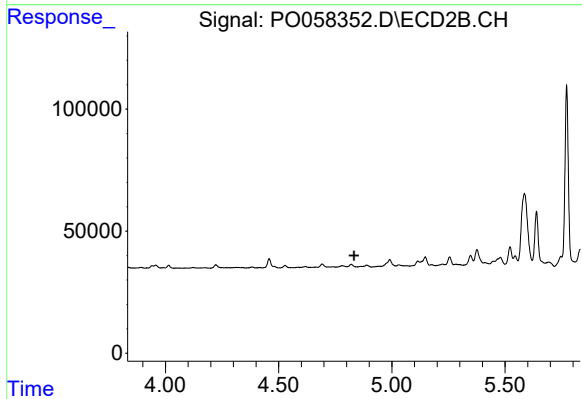
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.793 min
Response: 0
Conc: N.D.



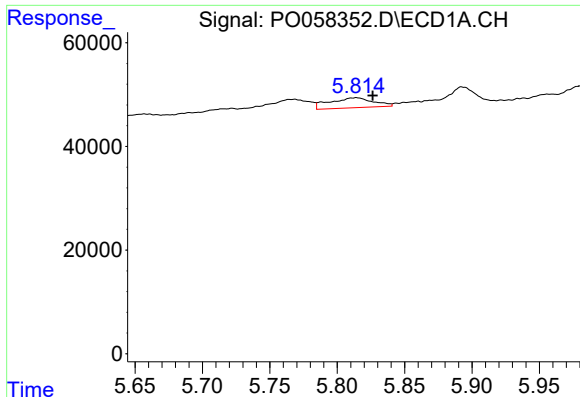
#6 AR-1016-4

R.T.: 5.563 min
Delta R.T.: 0.026 min
Response: 9838
Conc: 8.64 ng/ml



#6 AR-1016-4

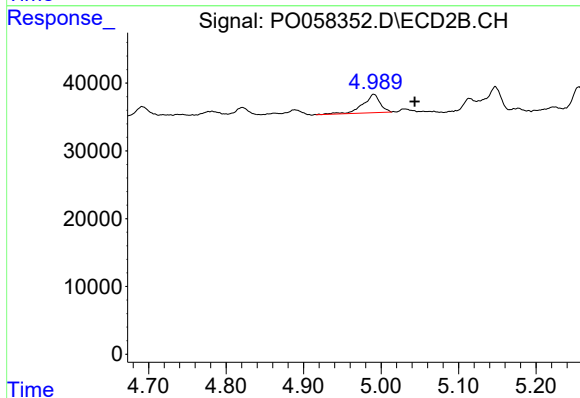
R.T.: 0.000 min
Exp R.T. : 4.833 min
Response: 0
Conc: N.D.



#7 AR-1016-5

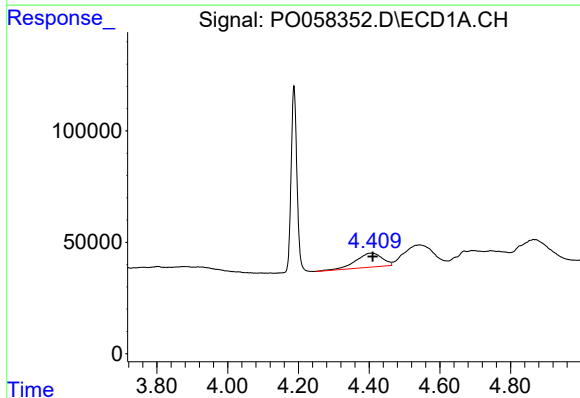
R.T.: 5.814 min
Delta R.T.: -0.012 min
Response: 43849
Conc: 38.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



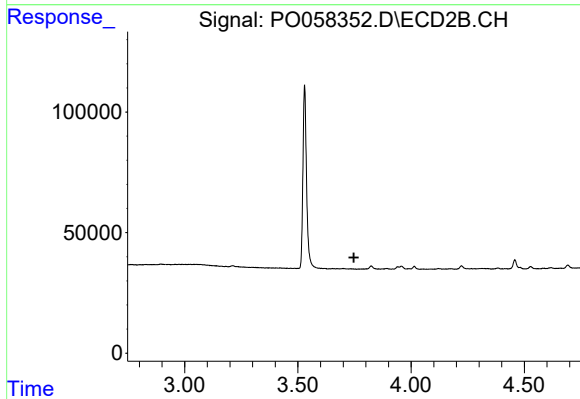
#7 AR-1016-5

R.T.: 4.991 min
Delta R.T.: -0.053 min
Response: 41497
Conc: 40.48 ng/ml



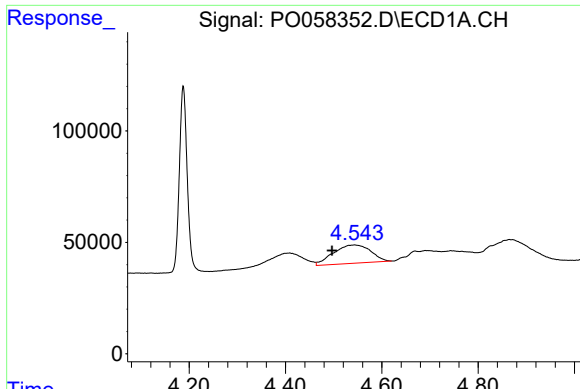
#8 AR-1221-1

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 331246
Conc: 802.86 ng/ml



#8 AR-1221-1

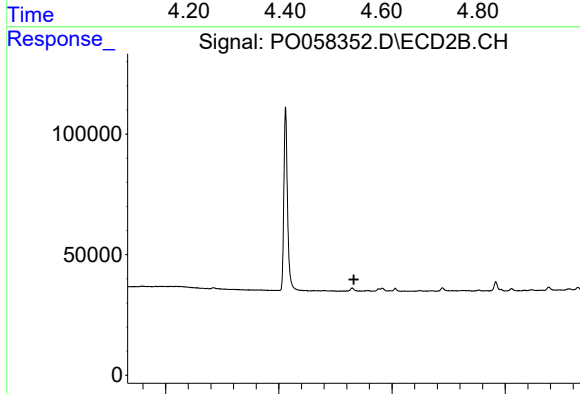
R.T.: 0.000 min
Exp R.T. : 3.748 min
Response: 0
Conc: N.D.



#9 AR-1221-2

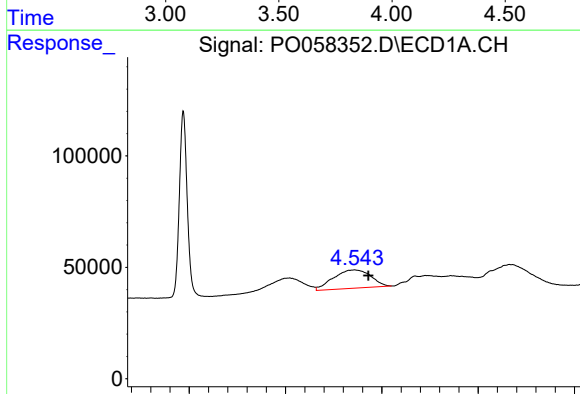
R.T.: 4.543 min
Delta R.T.: 0.047 min
Response: 444164
Conc: 1436.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



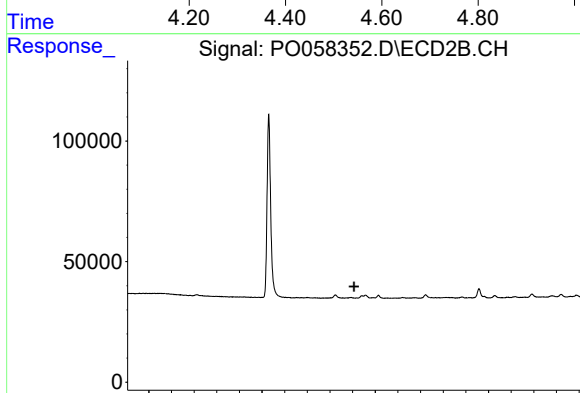
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.832 min
Response: 0
Conc: N.D.



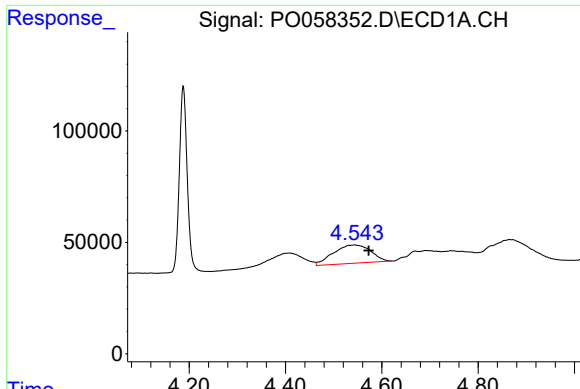
#10 AR-1221-3

R.T.: 4.543 min
Delta R.T.: -0.029 min
Response: 444164
Conc: 447.17 ng/ml



#10 AR-1221-3

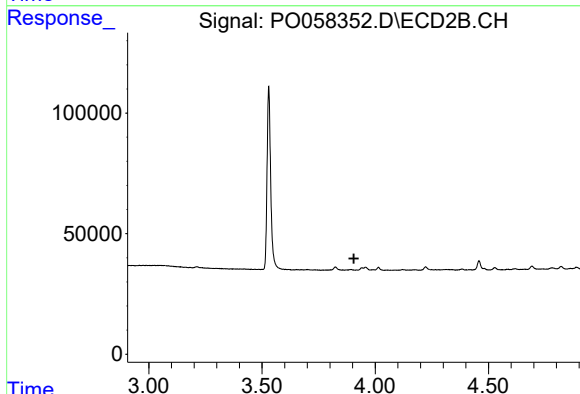
R.T.: 0.000 min
Exp R.T. : 3.906 min
Response: 0
Conc: N.D.



#11 AR-1232-1

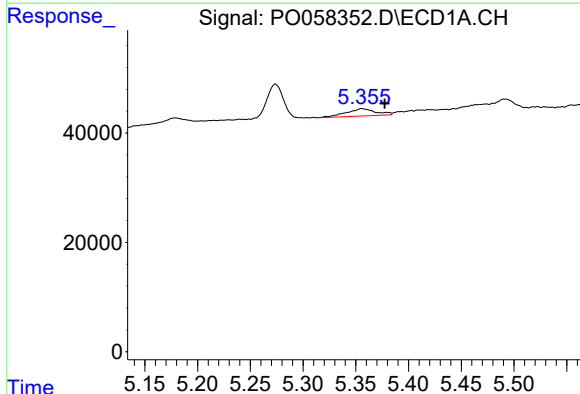
R.T.: 4.543 min
Delta R.T.: -0.029 min
Response: 444164
Conc: 540.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



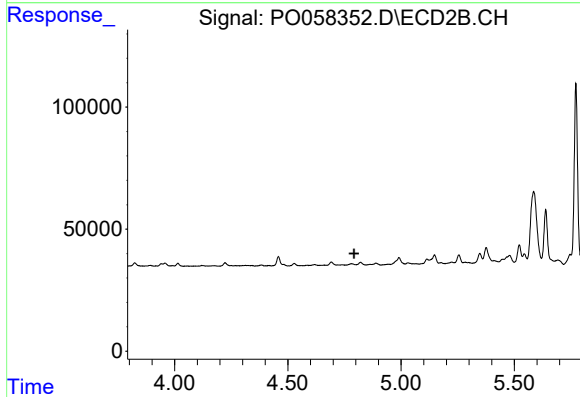
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.906 min
Response: 0
Conc: N.D.



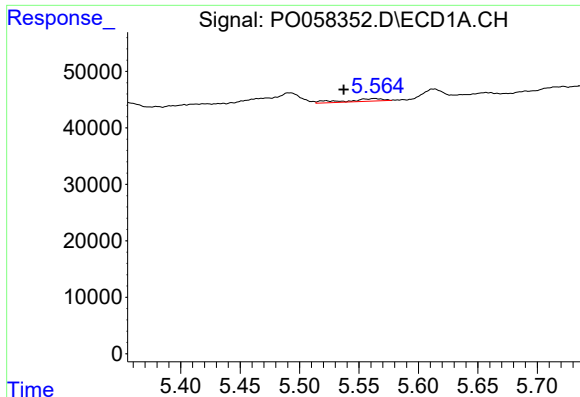
#13 AR-1232-3

R.T.: 5.356 min
Delta R.T.: -0.022 min
Response: 26258
Conc: 26.36 ng/ml



#13 AR-1232-3

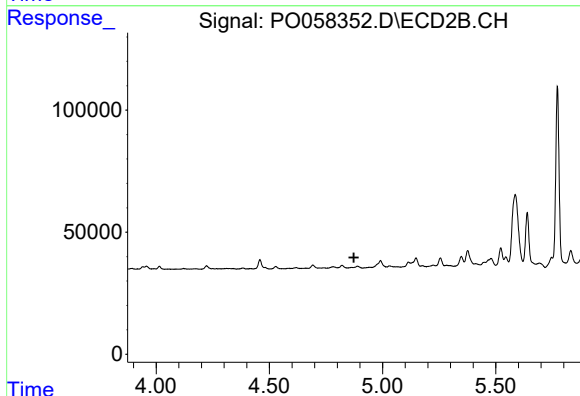
R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



#14 AR-1232-4

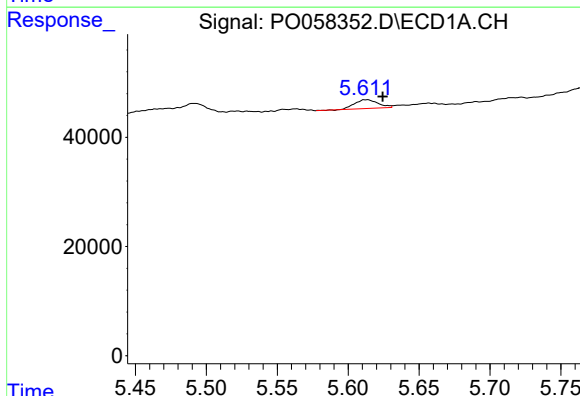
R.T.: 5.563 min
Delta R.T.: 0.026 min
Response: 9838
Conc: 19.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



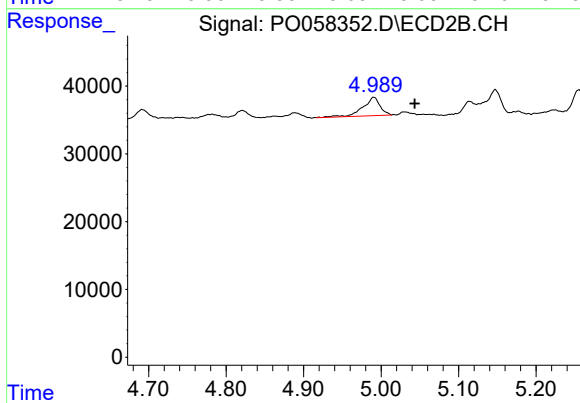
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.873 min
Response: 0
Conc: N.D.



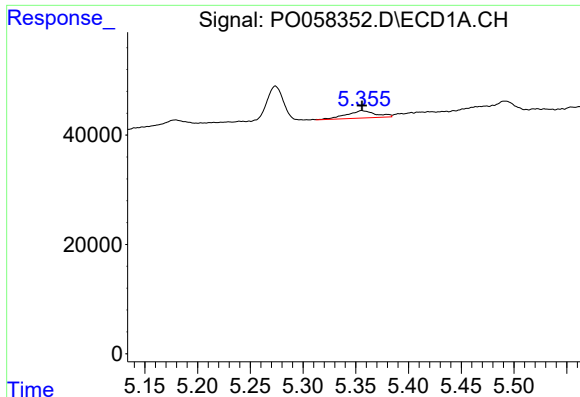
#15 AR-1232-5

R.T.: 5.613 min
Delta R.T.: -0.011 min
Response: 18651
Conc: 49.46 ng/ml



#15 AR-1232-5

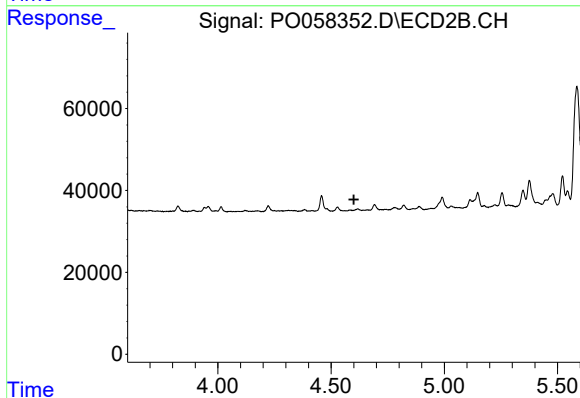
R.T.: 4.991 min
Delta R.T.: -0.053 min
Response: 41497
Conc: 100.25 ng/ml



#16 AR-1242-1

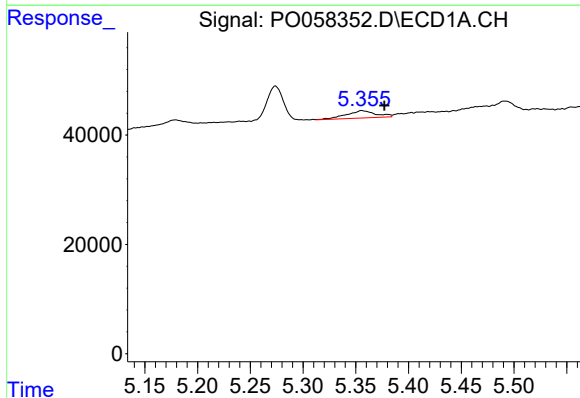
R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 26258
Conc: 21.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



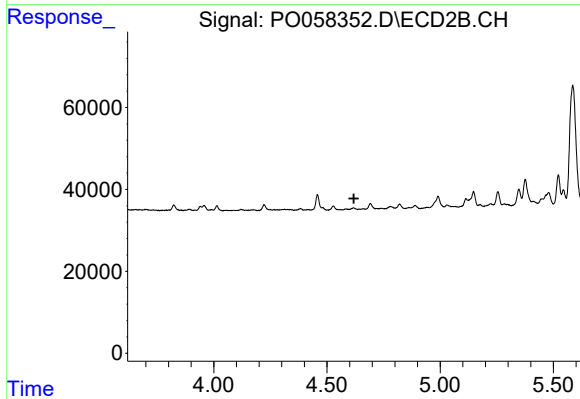
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



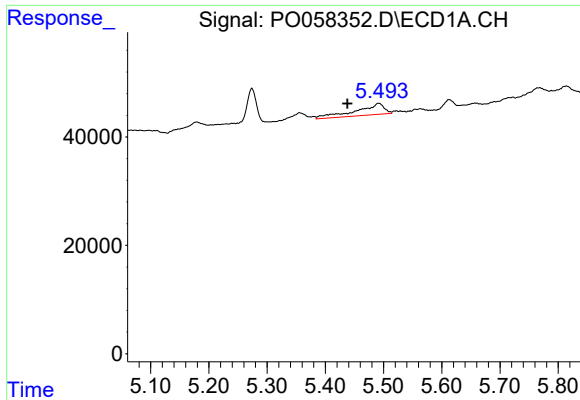
#17 AR-1242-2

R.T.: 5.356 min
Delta R.T.: -0.021 min
Response: 26258
Conc: 14.30 ng/ml



#17 AR-1242-2

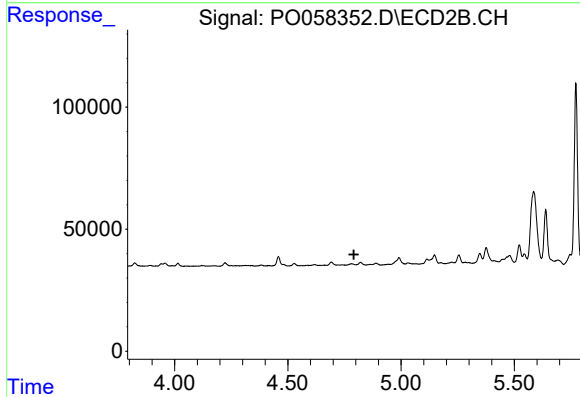
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#18 AR-1242-3

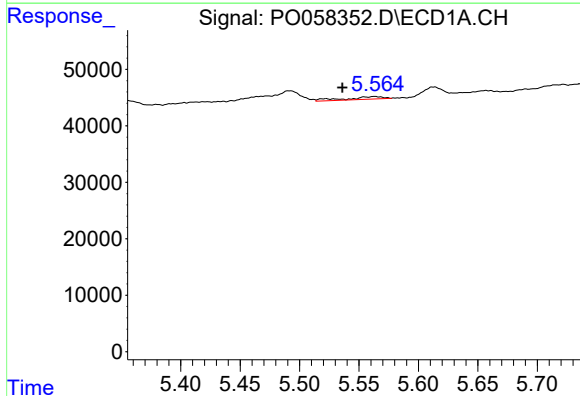
R.T.: 5.491 min
Delta R.T.: 0.053 min
Response: 68230
Conc: 58.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



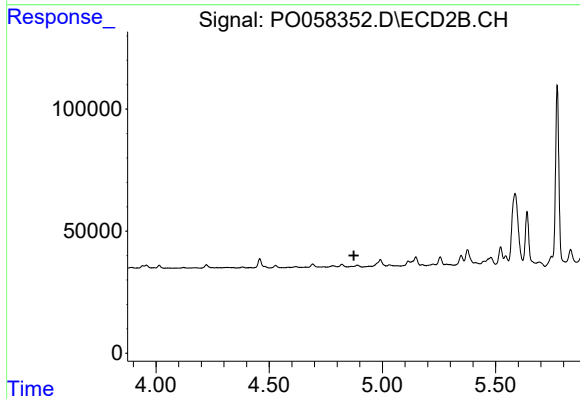
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



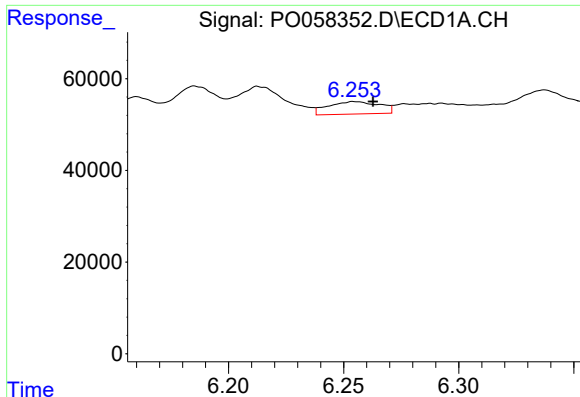
#19 AR-1242-4

R.T.: 5.563 min
Delta R.T.: 0.027 min
Response: 9838
Conc: 10.44 ng/ml



#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.874 min
Response: 0
Conc: N.D.



#20 AR-1242-5

R.T.: 6.255 min
Delta R.T.: -0.008 min
Response: 42111
Conc: 36.37 ng/ml

Instrument :
ECD_O
ClientSampleId :

#20 AR-1242-5

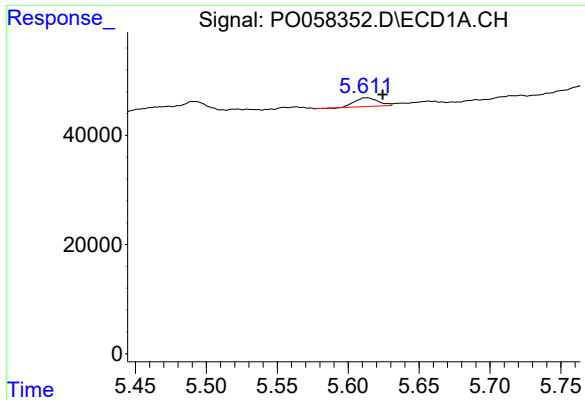
R.T.: 5.376 min
Delta R.T.: -0.013 min
Response: 66310
Conc: 69.59 ng/ml

#21 AR-1248-1

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 26258
Conc: 28.09 ng/ml

#21 AR-1248-1

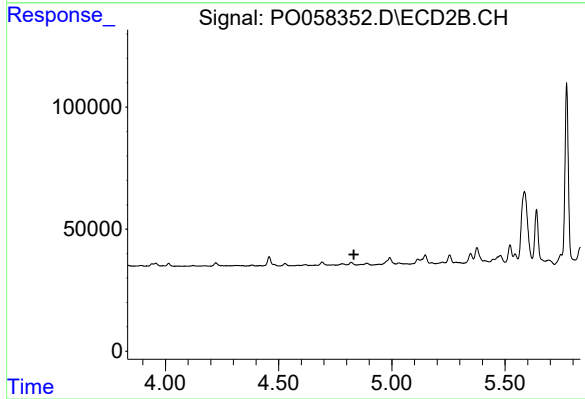
R.T.: 0.000 min
Exp R.T.: 4.601 min
Response: 0
Conc: N.D.



#22 AR-1248-2

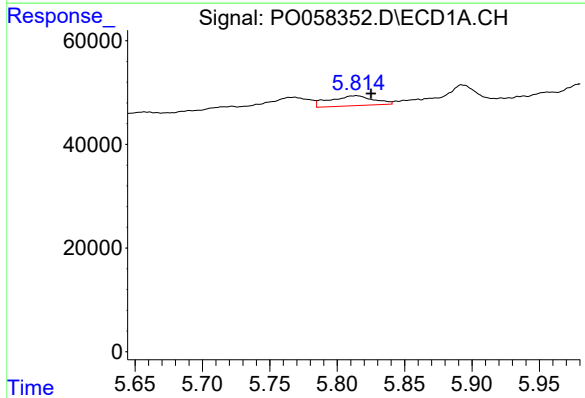
R.T.: 5.613 min
Delta R.T.: -0.011 min
Response: 18651
Conc: 13.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



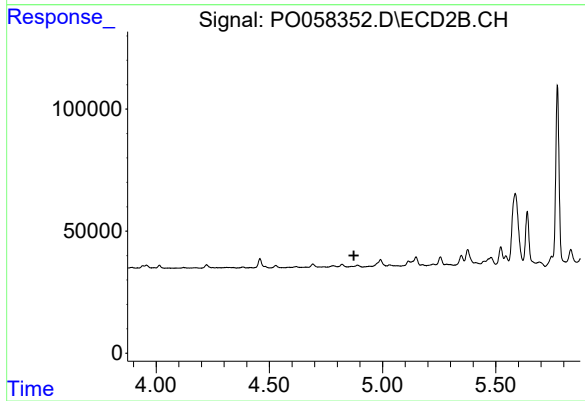
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.833 min
Response: 0
Conc: N.D.



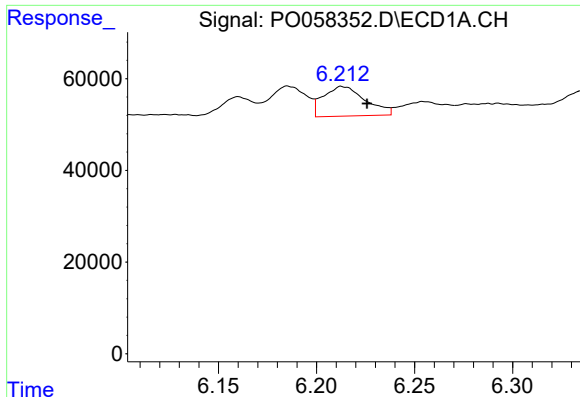
#23 AR-1248-3

R.T.: 5.814 min
Delta R.T.: -0.011 min
Response: 43849
Conc: 28.29 ng/ml



#23 AR-1248-3

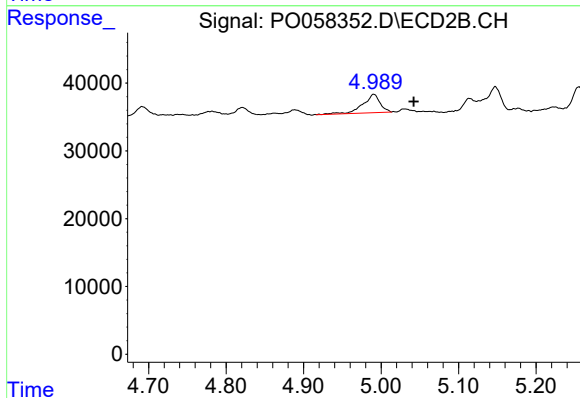
R.T.: 0.000 min
Exp R.T. : 4.873 min
Response: 0
Conc: N.D.



#24 AR-1248-4

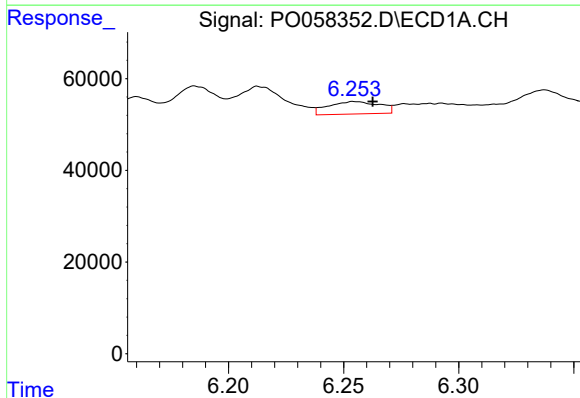
R.T.: 6.213 min
Delta R.T.: -0.013 min
Response: 96307
Conc: 49.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



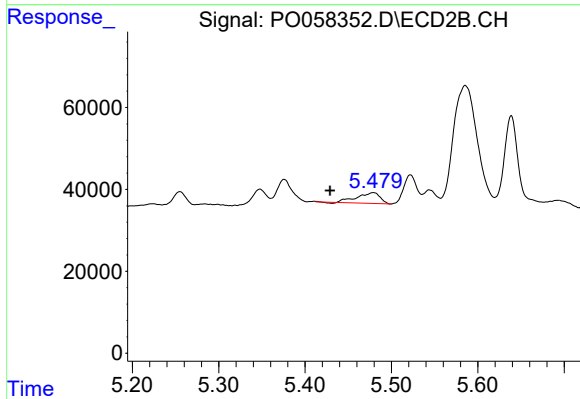
#24 AR-1248-4

R.T.: 4.991 min
Delta R.T.: -0.052 min
Response: 41497
Conc: 32.23 ng/ml



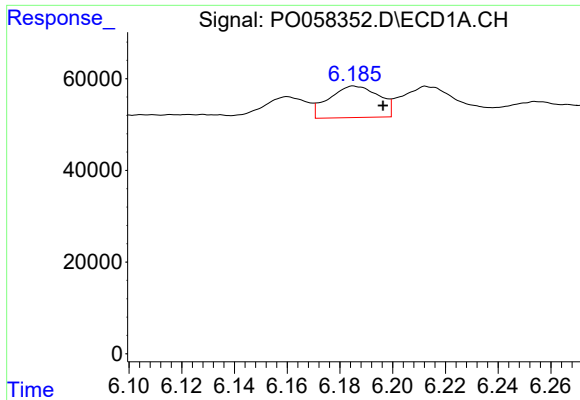
#25 AR-1248-5

R.T.: 6.255 min
Delta R.T.: -0.008 min
Response: 42111
Conc: 22.10 ng/ml



#25 AR-1248-5

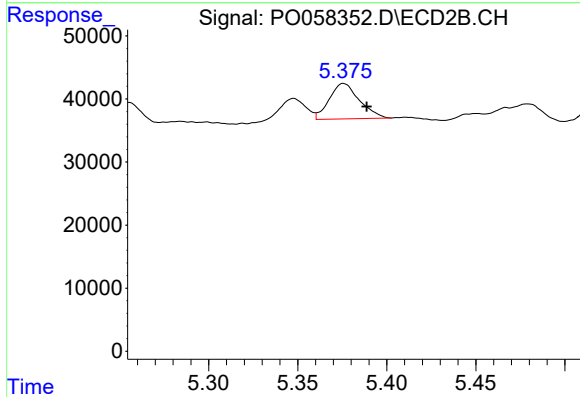
R.T.: 5.479 min
Delta R.T.: 0.050 min
Response: 47872
Conc: 37.87 ng/ml



#26 AR-1254-1

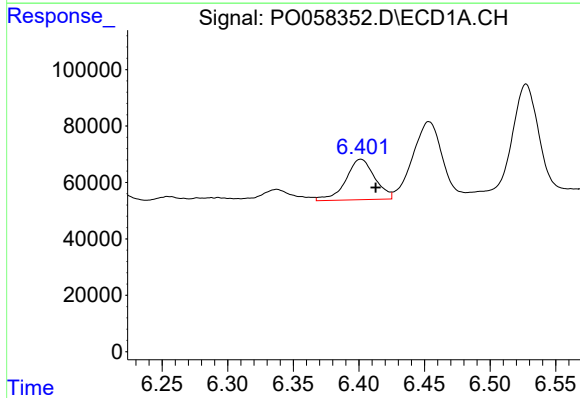
R.T.: 6.186 min
Delta R.T.: -0.011 min
Response: 89942
Conc: 45.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



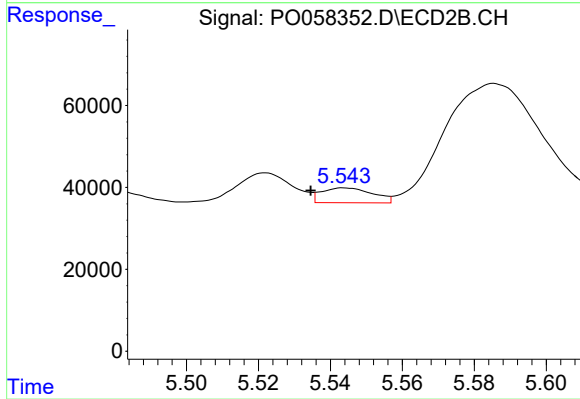
#26 AR-1254-1

R.T.: 5.376 min
Delta R.T.: -0.013 min
Response: 66310
Conc: 32.55 ng/ml



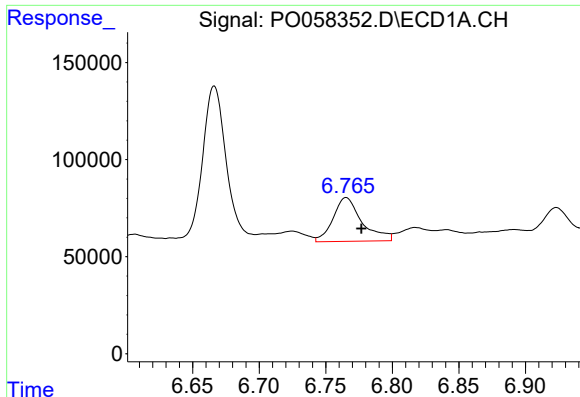
#27 AR-1254-2

R.T.: 6.401 min
Delta R.T.: -0.011 min
Response: 220708
Conc: 67.51 ng/ml



#27 AR-1254-2

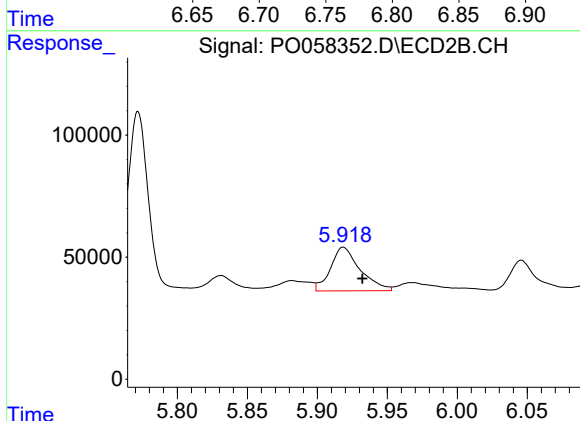
R.T.: 5.544 min
Delta R.T.: 0.009 min
Response: 35852
Conc: 19.78 ng/ml



#28 AR-1254-3

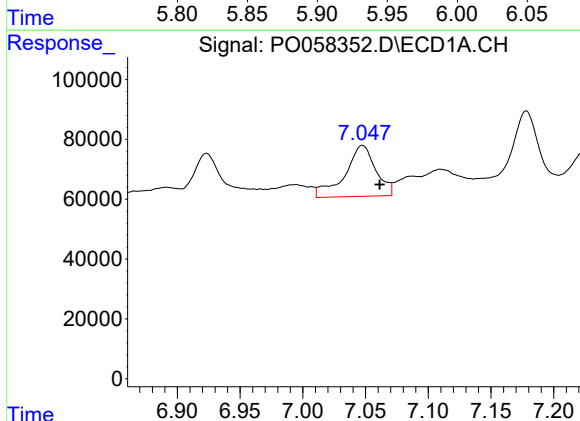
R.T.: 6.765 min
Delta R.T.: -0.012 min
Response: 340734
Conc: 96.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



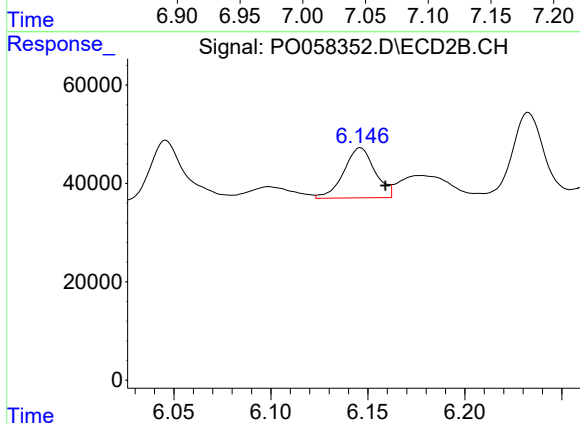
#28 AR-1254-3

R.T.: 5.919 min
Delta R.T.: -0.014 min
Response: 263342
Conc: 89.93 ng/ml



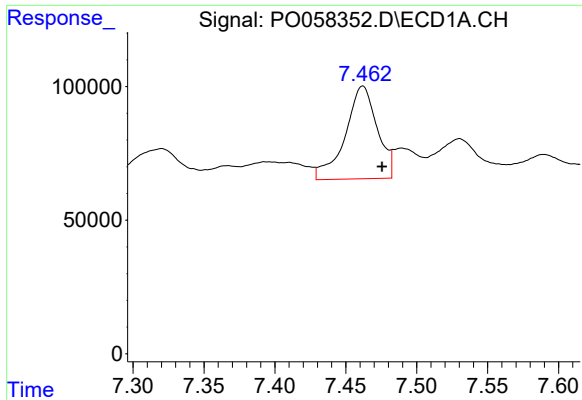
#29 AR-1254-4

R.T.: 7.048 min
Delta R.T.: -0.014 min
Response: 292573
Conc: 98.88 ng/ml



#29 AR-1254-4

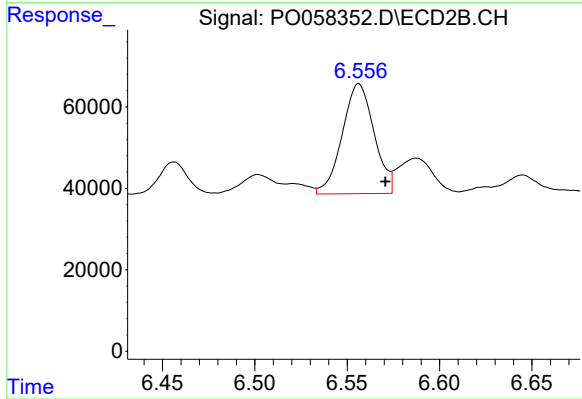
R.T.: 6.146 min
Delta R.T.: -0.013 min
Response: 114220
Conc: 61.82 ng/ml



#30 AR-1254-5

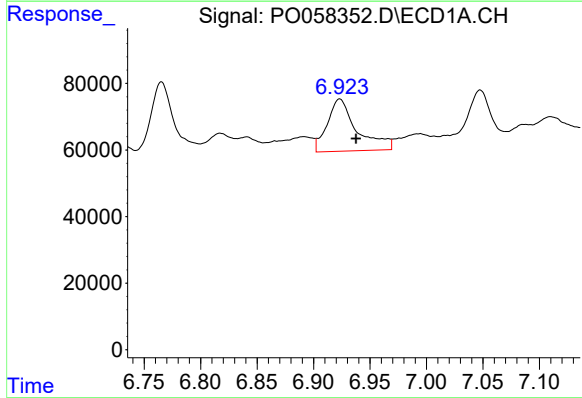
R.T.: 7.462 min
Delta R.T.: -0.014 min
Response: 545870
Conc: 185.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



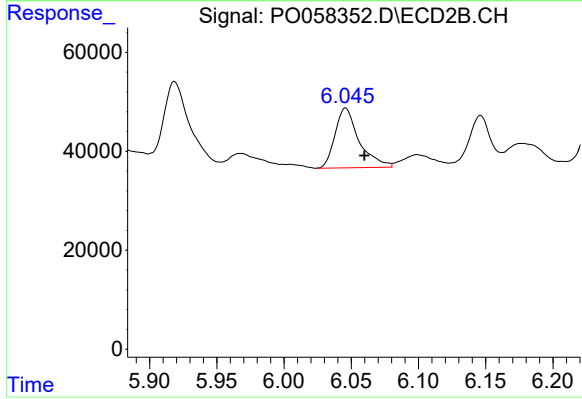
#30 AR-1254-5

R.T.: 6.556 min
Delta R.T.: -0.014 min
Response: 324723
Conc: 119.45 ng/ml



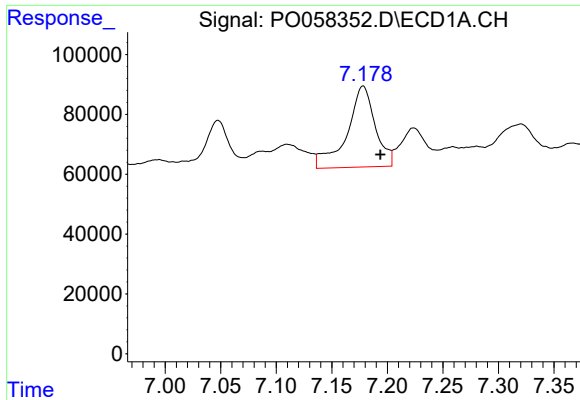
#31 AR-1260-1

R.T.: 6.923 min
Delta R.T.: -0.014 min
Response: 286527
Conc: 114.56 ng/ml



#31 AR-1260-1

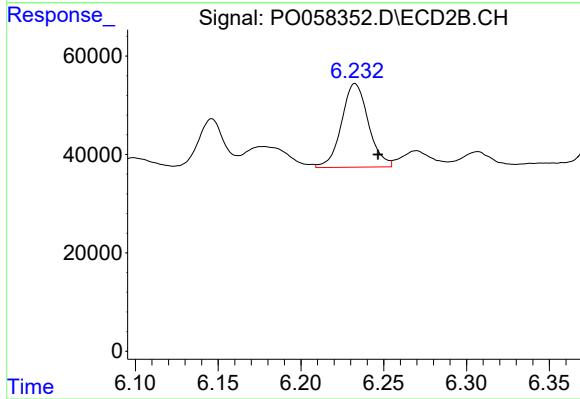
R.T.: 6.046 min
Delta R.T.: -0.014 min
Response: 150189
Conc: 74.16 ng/ml



#32 AR-1260-2

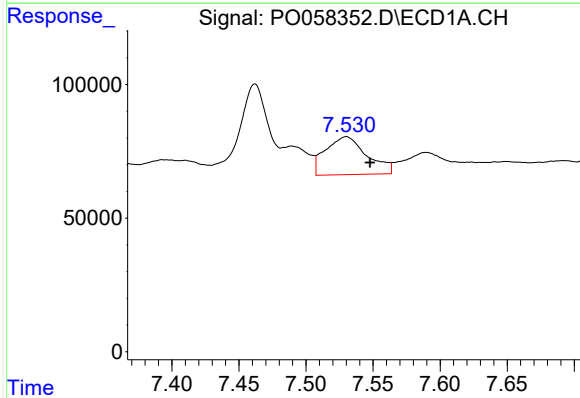
R.T.: 7.178 min
Delta R.T.: -0.016 min
Response: 480923
Conc: 136.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



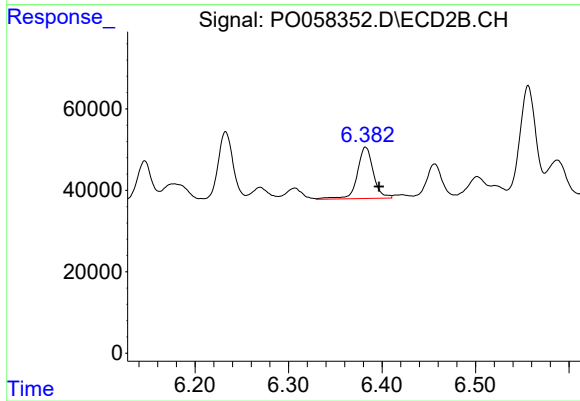
#32 AR-1260-2

R.T.: 6.233 min
Delta R.T.: -0.014 min
Response: 191939
Conc: 74.64 ng/ml



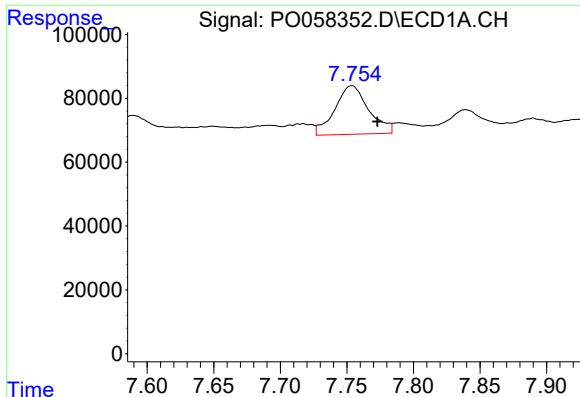
#33 AR-1260-3

R.T.: 7.530 min
Delta R.T.: -0.018 min
Response: 305515
Conc: 104.05 ng/ml



#33 AR-1260-3

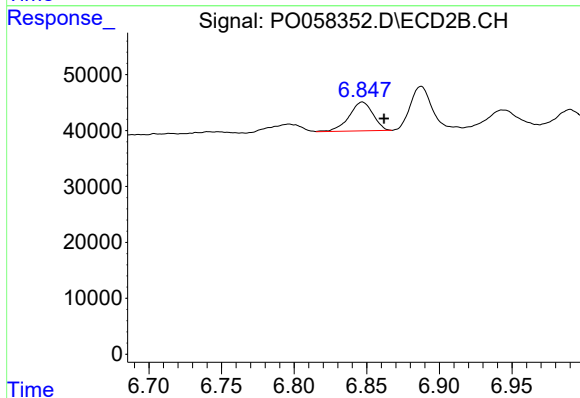
R.T.: 6.382 min
Delta R.T.: -0.014 min
Response: 150296
Conc: 65.90 ng/ml



#34 AR-1260-4

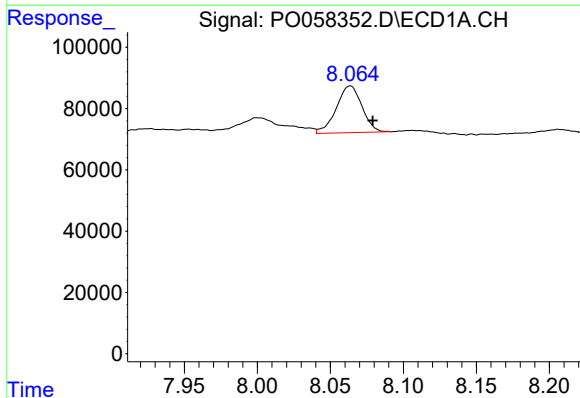
R.T.: 7.754 min
Delta R.T.: -0.019 min
Response: 269419
Conc: 98.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



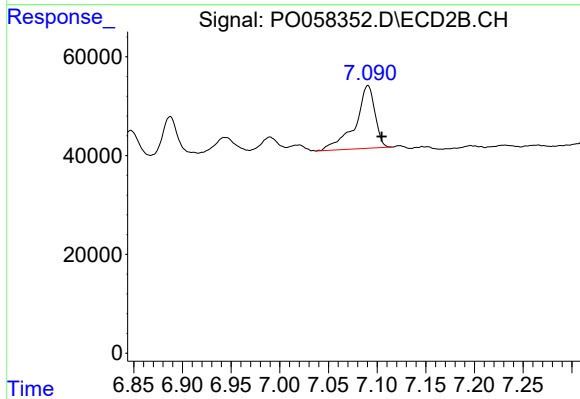
#34 AR-1260-4

R.T.: 6.847 min
Delta R.T.: -0.015 min
Response: 58962
Conc: 30.45 ng/ml



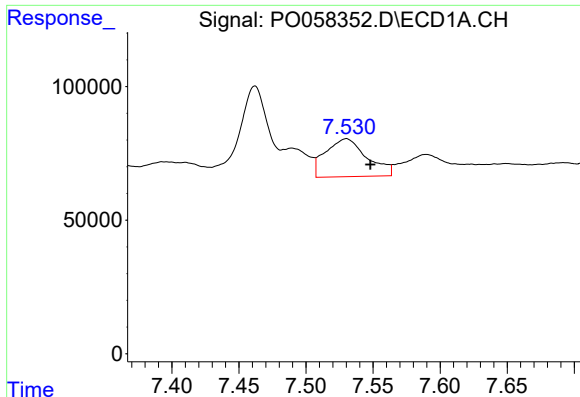
#35 AR-1260-5

R.T.: 8.064 min
Delta R.T.: -0.016 min
Response: 187127
Conc: 32.26 ng/ml



#35 AR-1260-5

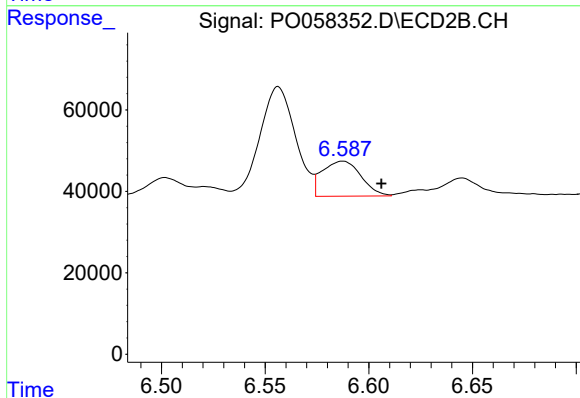
R.T.: 7.091 min
Delta R.T.: -0.014 min
Response: 179224
Conc: 38.94 ng/ml



#36 AR-1262-1

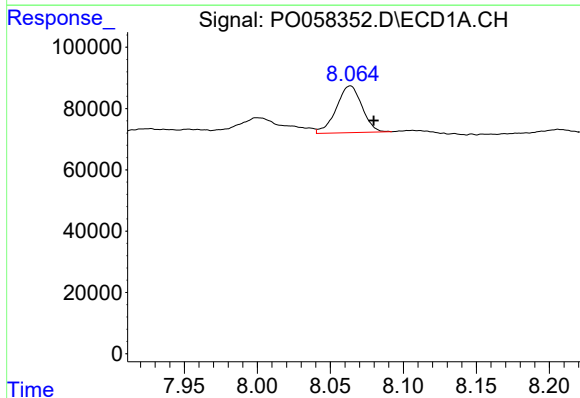
R.T.: 7.530 min
Delta R.T.: -0.018 min
Response: 305515
Conc: 55.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



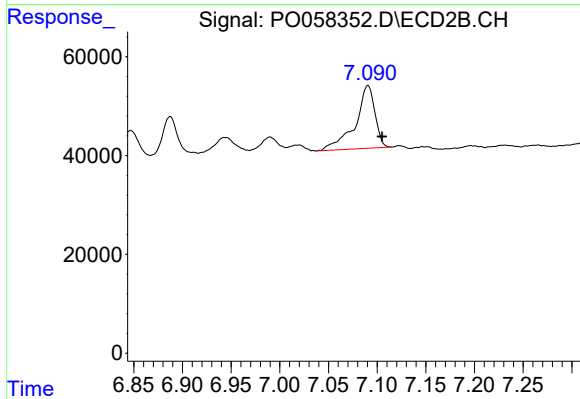
#36 AR-1262-1

R.T.: 6.587 min
Delta R.T.: -0.019 min
Response: 111818
Conc: 28.15 ng/ml



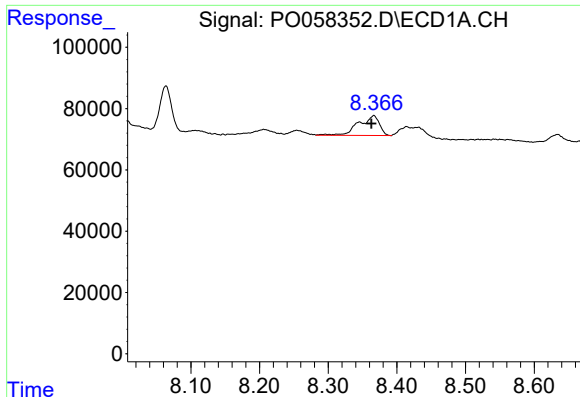
#37 AR-1262-2

R.T.: 8.064 min
Delta R.T.: -0.016 min
Response: 187127
Conc: 22.01 ng/ml



#37 AR-1262-2

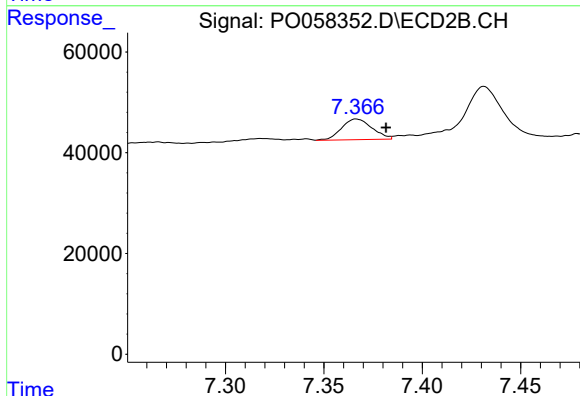
R.T.: 7.091 min
Delta R.T.: -0.014 min
Response: 179224
Conc: 27.75 ng/ml



#38 AR-1262-3

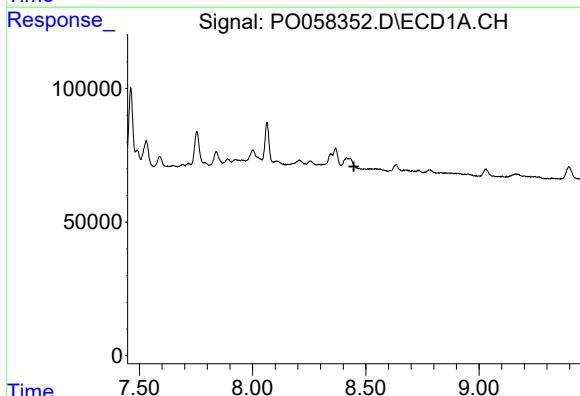
R.T.: 8.366 min
Delta R.T.: 0.003 min
Response: 138001
Conc: 24.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



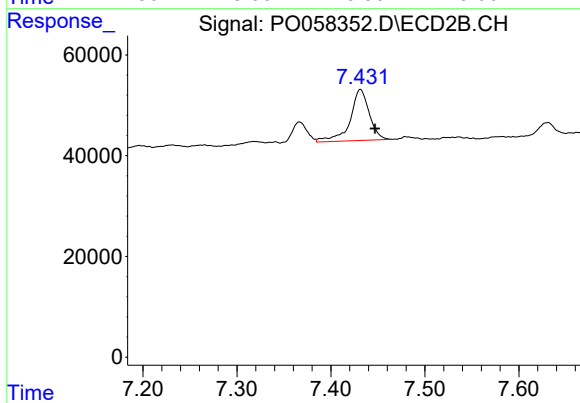
#38 AR-1262-3

R.T.: 7.367 min
Delta R.T.: -0.015 min
Response: 44080
Conc: 15.99 ng/ml



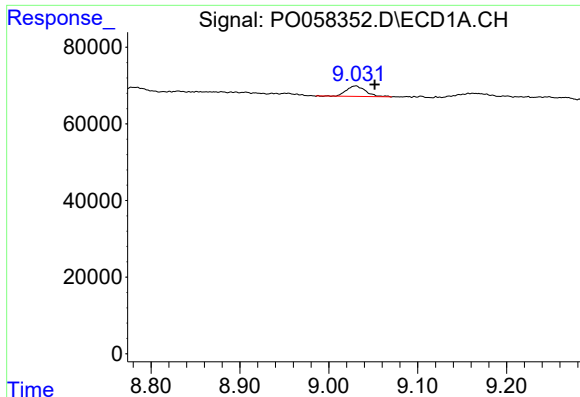
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.



#39 AR-1262-4

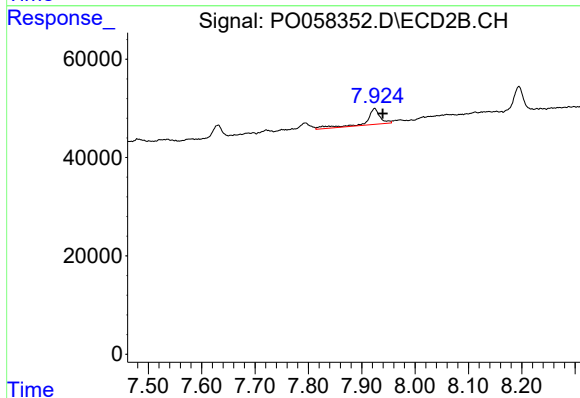
R.T.: 7.431 min
Delta R.T.: -0.016 min
Response: 143073
Conc: 29.96 ng/ml



#40 AR-1262-5

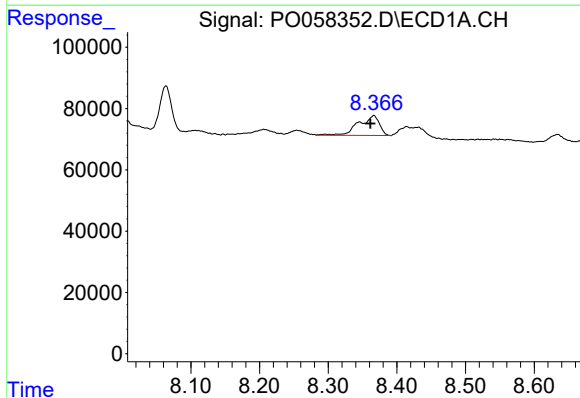
R.T.: 9.030 min
Delta R.T.: -0.022 min
Response: 41626
Conc: 14.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



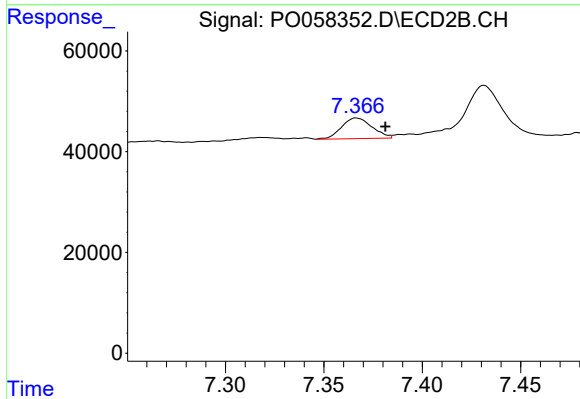
#40 AR-1262-5

R.T.: 7.924 min
Delta R.T.: -0.015 min
Response: 57962
Conc: 29.14 ng/ml



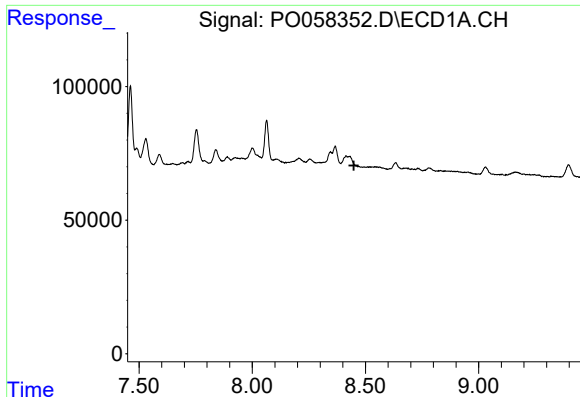
#41 AR-1268-1

R.T.: 8.366 min
Delta R.T.: 0.005 min
Response: 138001
Conc: 13.42 ng/ml



#41 AR-1268-1

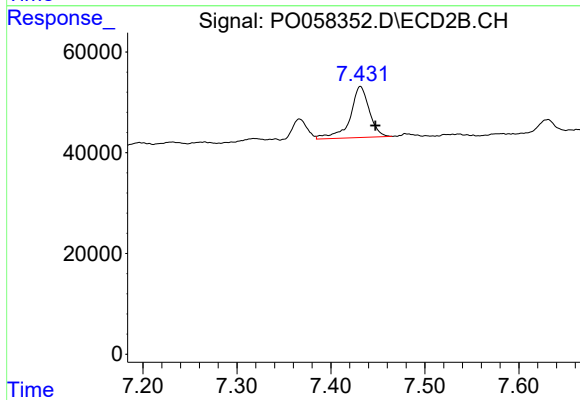
R.T.: 7.367 min
Delta R.T.: -0.015 min
Response: 44080
Conc: 5.65 ng/ml



#42 AR-1268-2

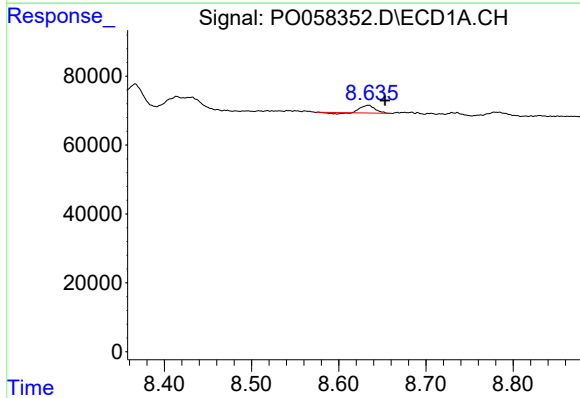
R.T.: 0.000 min
Exp R.T.: 8.449 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



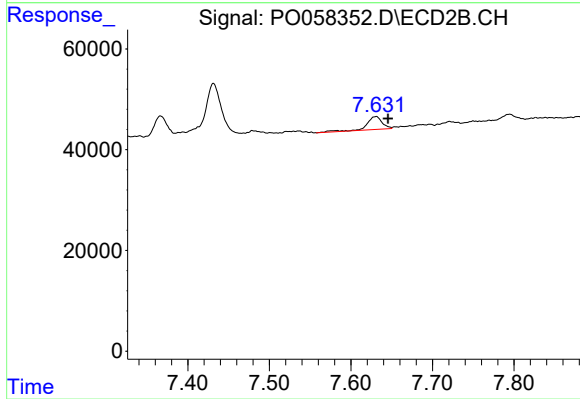
#42 AR-1268-2

R.T.: 7.431 min
Delta R.T.: -0.016 min
Response: 143073
Conc: 20.08 ng/ml



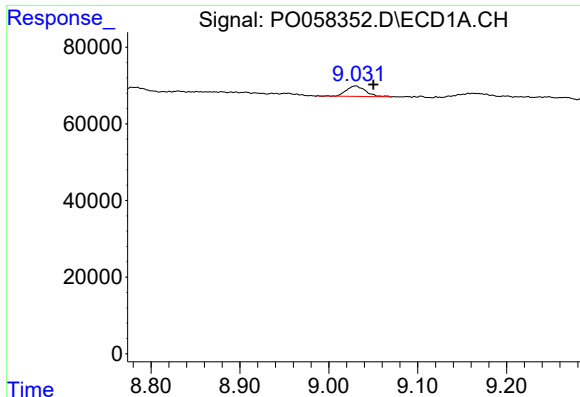
#43 AR-1268-3

R.T.: 8.633 min
Delta R.T.: -0.020 min
Response: 22824
Conc: 2.86 ng/ml



#43 AR-1268-3

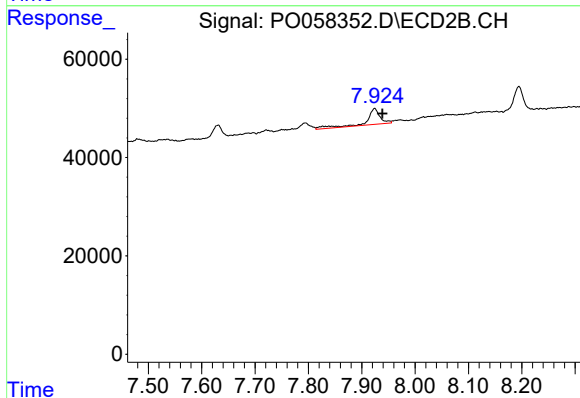
R.T.: 7.631 min
Delta R.T.: -0.015 min
Response: 33242
Conc: 5.52 ng/ml



#44 AR-1268-4

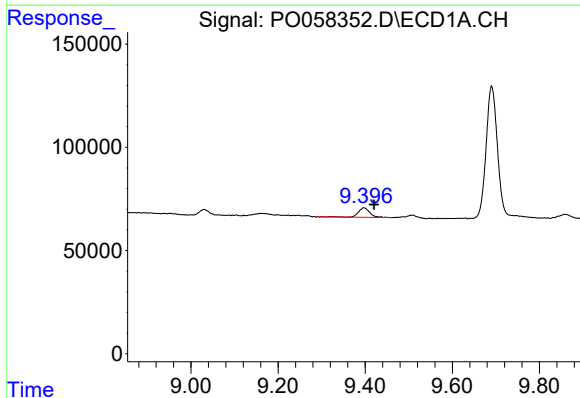
R.T.: 9.030 min
Delta R.T.: -0.020 min
Response: 41626
Conc: 14.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



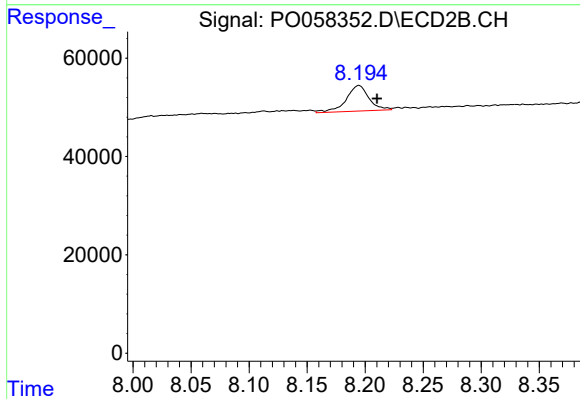
#44 AR-1268-4

R.T.: 7.924 min
Delta R.T.: -0.014 min
Response: 57962
Conc: 27.71 ng/ml



#45 AR-1268-5

R.T.: 9.397 min
Delta R.T.: -0.023 min
Response: 86577
Conc: 3.97 ng/ml



#45 AR-1268-5

R.T.: 8.195 min
Delta R.T.: -0.016 min
Response: 71121
Conc: 4.26 ng/ml