

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111519\
 Data File : P0063765.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Nov 2019 21:18
 Operator : SM/AJ
 Sample : K5860-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 20949-20950

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 03:40:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 15 01:29:03 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...	4.317	3.571	1034707	744316	33.842	33.511
2)	SA Decachlor...	9.941	8.542	766832	519338	18.871	17.757
Target Compounds							
3)	L1 AR-1016-1	5.416	0.000	15862	0	11.422	N.D. #
5)	L1 AR-1016-3	0.000	4.889	0	27731	N.D.	37.242 #
6)	L1 AR-1016-4	5.630	4.889	13455	27731	13.082	44.512 #
7)	L1 AR-1016-5	0.000	5.041	0	23996	N.D.	30.213 #
8)	L2 AR-1221-1	0.000	3.738	0	102576	N.D.	377.578 #
9)	L2 AR-1221-2	4.619	3.869	28609	89200	91.212	424.222 #
10)	L2 AR-1221-3	4.619	3.917	28609	101507	30.164	152.276 #
11)	L3 AR-1232-1	4.619	3.917	28609	101507	21.509	107.685 #
12)	L3 AR-1232-2	5.214	0.000	24982	0	35.032	N.D. #
13)	L3 AR-1232-3	0.000	4.889	0	27731	N.D.	52.393 #
14)	L3 AR-1232-4	5.630	4.924	13455	16580	18.124	35.315 #
15)	L3 AR-1232-5	0.000	5.041	0	23996	N.D.	46.549 #
16)	L4 AR-1242-1	5.416	0.000	15862	0	14.993	N.D. #
18)	L4 AR-1242-3	0.000	4.889	0	27731	N.D.	48.402 #
19)	L4 AR-1242-4	5.630	4.924	13455	16580	17.132	29.040 #
20)	L4 AR-1242-5	6.372	5.455	29069	21641	27.974	27.804
21)	L5 AR-1248-1	5.416	0.000	15862	0	18.163	N.D. #
22)	L5 AR-1248-2	0.000	4.889	0	27731	N.D.	32.175 #
23)	L5 AR-1248-3	0.000	4.924	0	16580	N.D.	18.740 #
24)	L5 AR-1248-4	6.333	5.041	16182	23996	9.349	22.290 #
25)	L5 AR-1248-5	6.372	5.486	29069	30179	17.235	27.058 #
26)	L6 AR-1254-1	6.333	5.455	16182	21641	9.263	12.214 #
27)	L6 AR-1254-2	6.549	0.000	46548	0	16.697	N.D. #
28)	L6 AR-1254-3	6.857	5.996	678529	21995	216.132	8.203 #
29)	L6 AR-1254-4	7.197	6.256	12441	12020	5.031	6.778 #
30)	L6 AR-1254-5	7.609	6.641	12626	14843	4.658	5.940 #
31)	L7 AR-1260-1	7.067	0.000	26901	0	13.330	N.D. #
32)	L7 AR-1260-2	7.315	6.314	21463	15846	8.519	8.055
34)	L7 AR-1260-4	7.897	6.862	8608	1037090	3.615	658.695 #
35)	L7 AR-1260-5	8.219	7.126	7738	12188	1.648	3.144 #
36)	L8 AR-1262-1	0.000	6.764	0	20073795	N.D.	19199.753 #
37)	L8 AR-1262-2	8.219	7.126	7738	12188	1.313	2.570 #
38)	L8 AR-1262-3	8.527	0.000	193807	0	47.298	N.D. #
39)	L8 AR-1262-4	0.000	7.546	0	20873	N.D.	5.912 #
40)	L8 AR-1262-5	0.000	7.991	0	13415	N.D.	8.786 #
41)	L9 AR-1268-1	8.527	0.000	193807	0	28.670	N.D. #
42)	L9 AR-1268-2	0.000	7.546	0	20873	N.D.	4.189 #
43)	L9 AR-1268-3	0.000	7.747	0	15040	N.D.	3.789 #
44)	L9 AR-1268-4	0.000	7.991	0	13415	N.D.	7.919 #

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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
45) L9	AR-1268-5	0.000	8.292	0	18629	N.D.	1.575 #

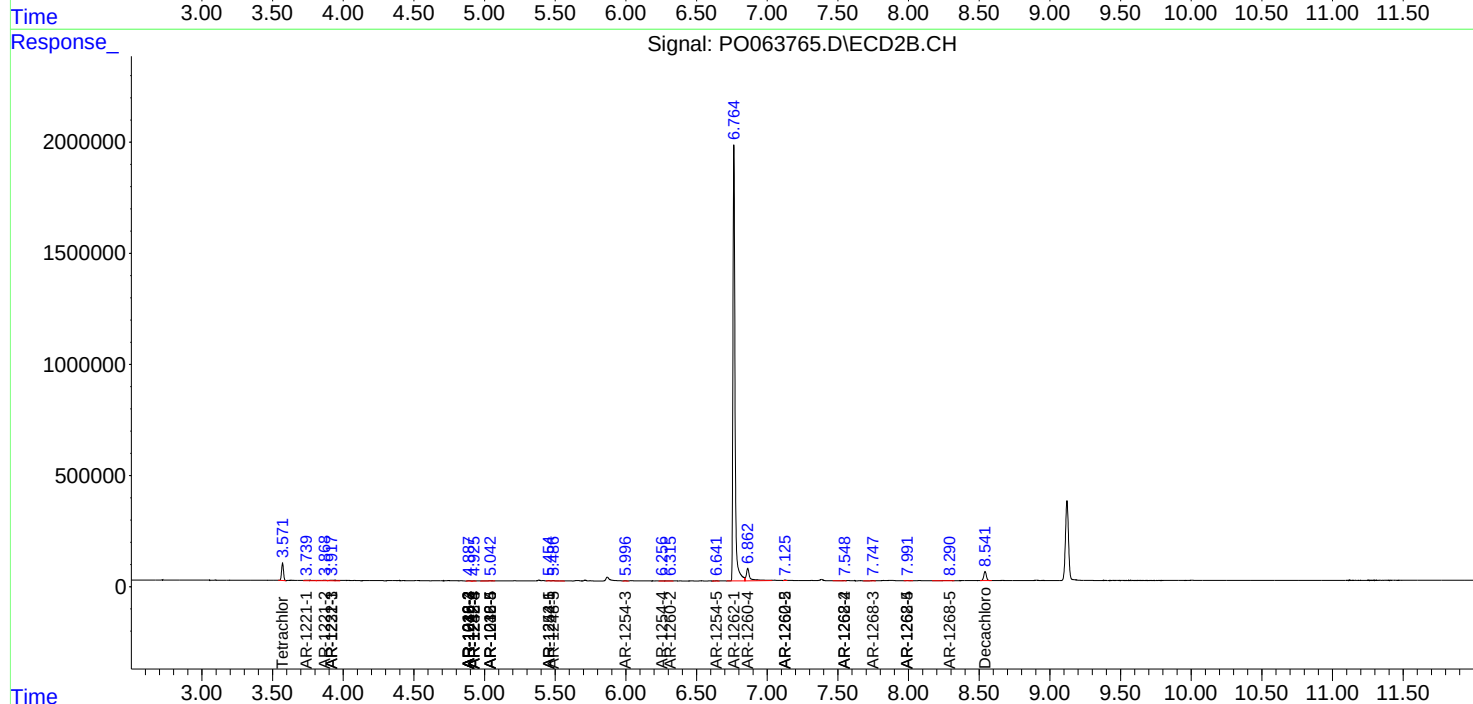
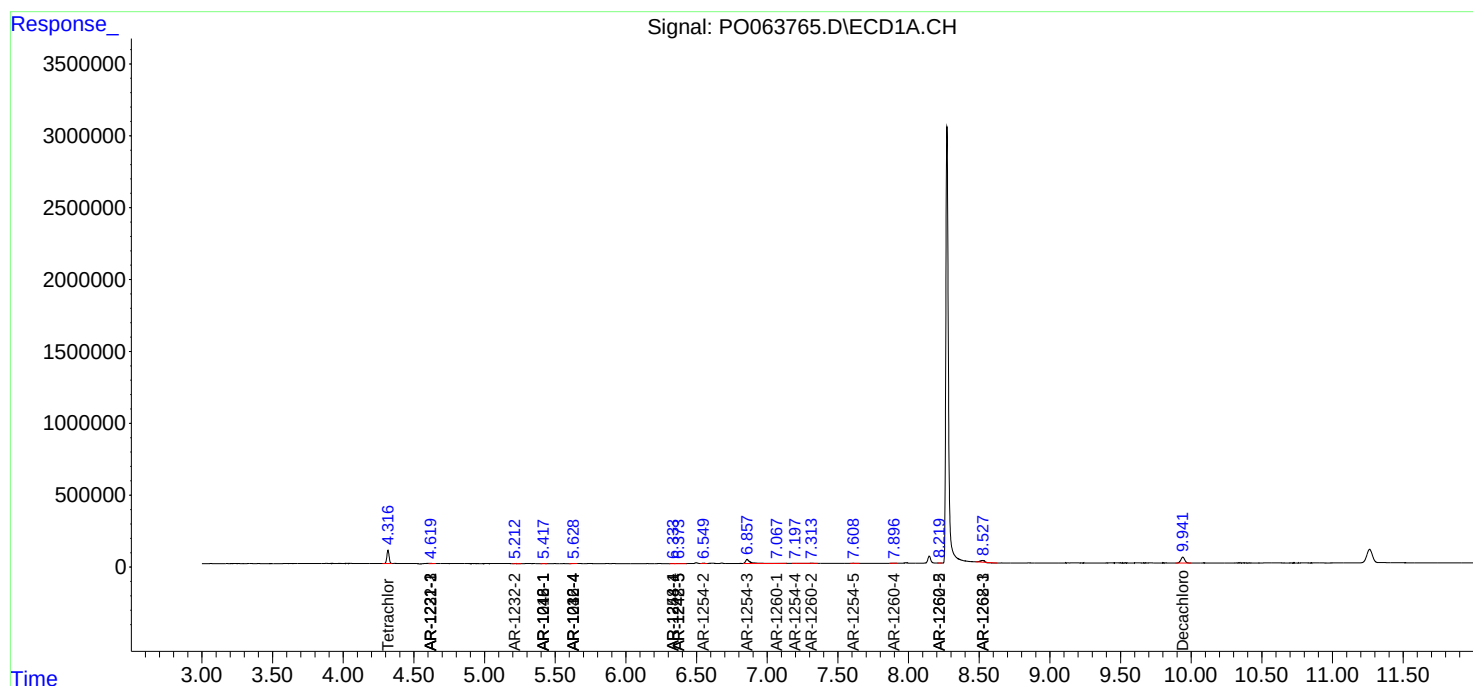
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

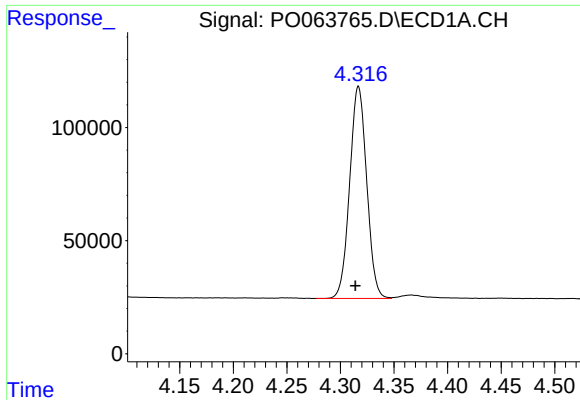
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111519\
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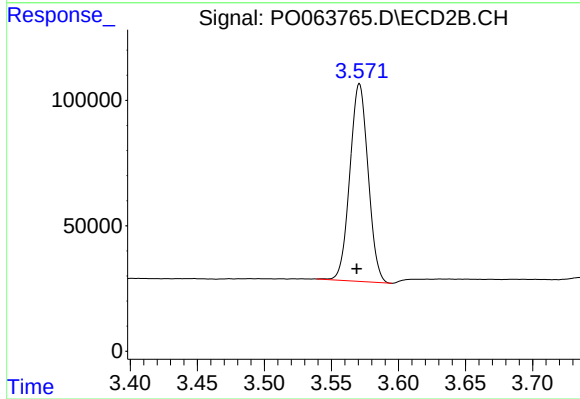




#1 Tetrachloro-m-xylene

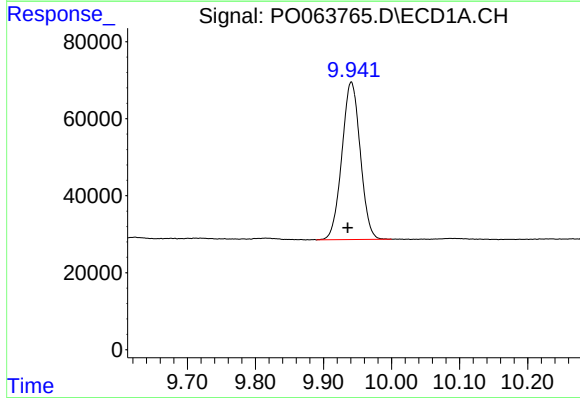
R.T.: 4.317 min
Delta R.T.: 0.003 min
Response: 1034707
Conc: 33.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



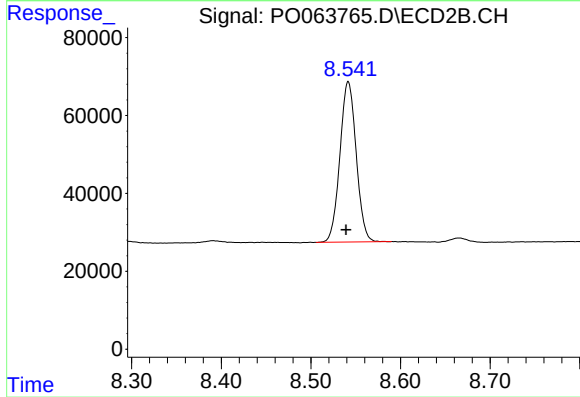
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.002 min
Response: 744316
Conc: 33.51 ng/ml



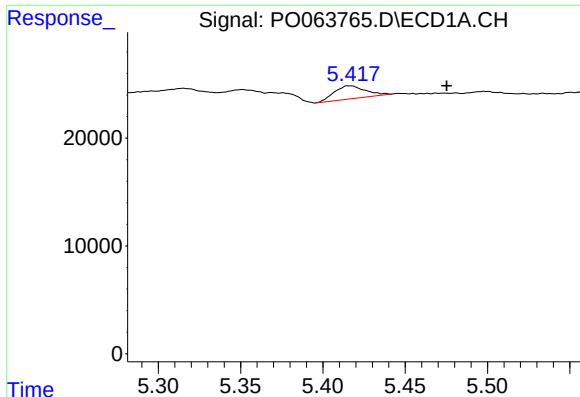
#2 Decachlorobiphenyl

R.T.: 9.941 min
Delta R.T.: 0.005 min
Response: 766832
Conc: 18.87 ng/ml



#2 Decachlorobiphenyl

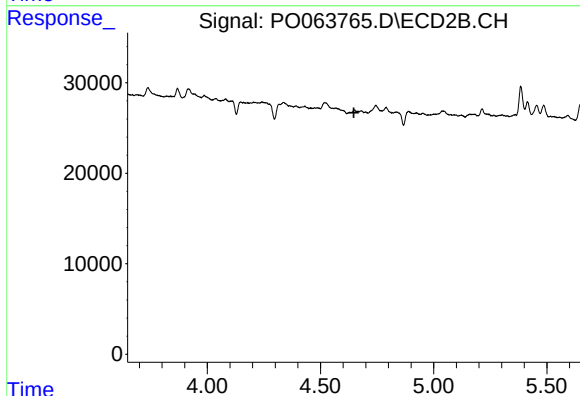
R.T.: 8.542 min
Delta R.T.: 0.002 min
Response: 519338
Conc: 17.76 ng/ml



#3 AR-1016-1

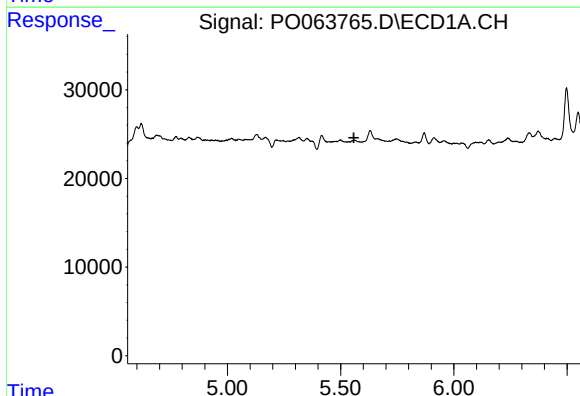
R.T.: 5.416 min
Delta R.T.: -0.059 min
Response: 15862
Conc: 11.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



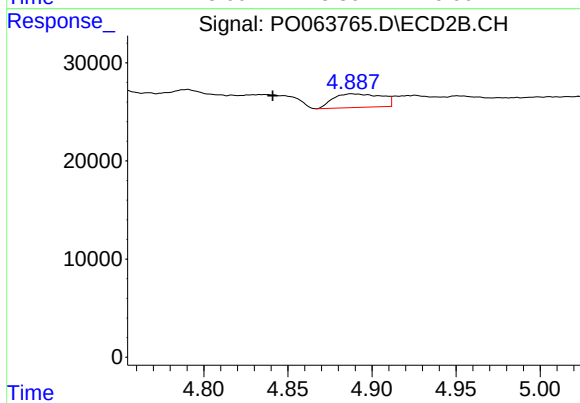
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.647 min
Response: 0
Conc: N.D.



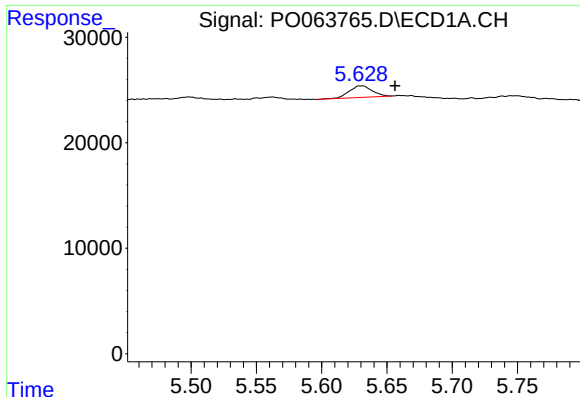
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.558 min
Response: 0
Conc: N.D.



#5 AR-1016-3

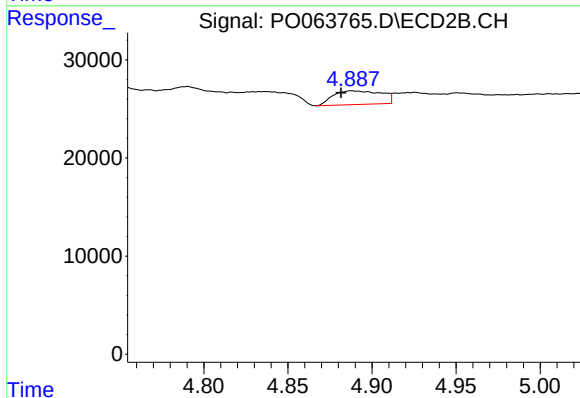
R.T.: 4.889 min
Delta R.T.: 0.048 min
Response: 27731
Conc: 37.24 ng/ml



#6 AR-1016-4

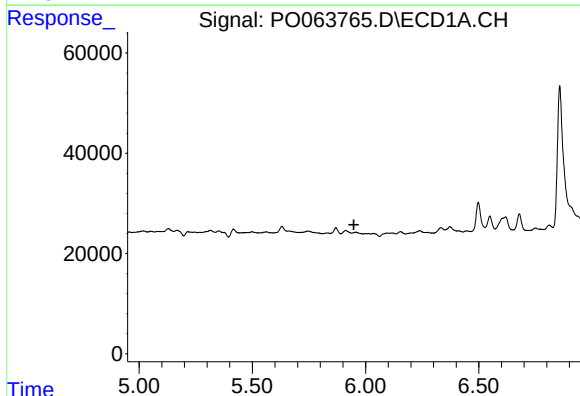
R.T.: 5.630 min
Delta R.T.: -0.026 min
Response: 13455
Conc: 13.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



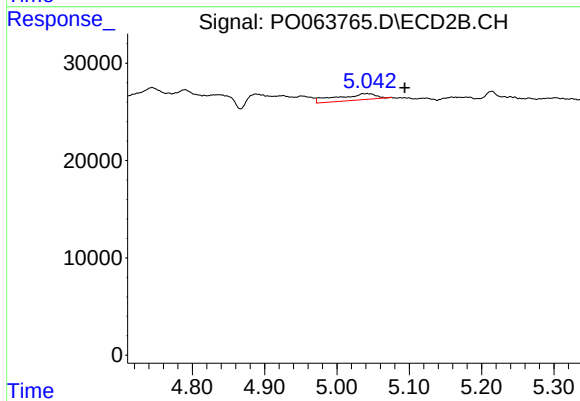
#6 AR-1016-4

R.T.: 4.889 min
Delta R.T.: 0.007 min
Response: 27731
Conc: 44.51 ng/ml



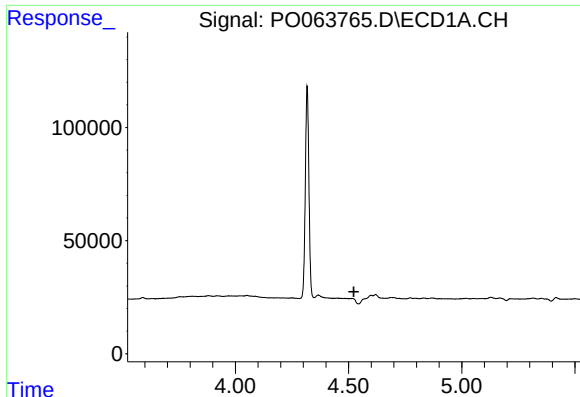
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.949 min
Response: 0
Conc: N.D.



#7 AR-1016-5

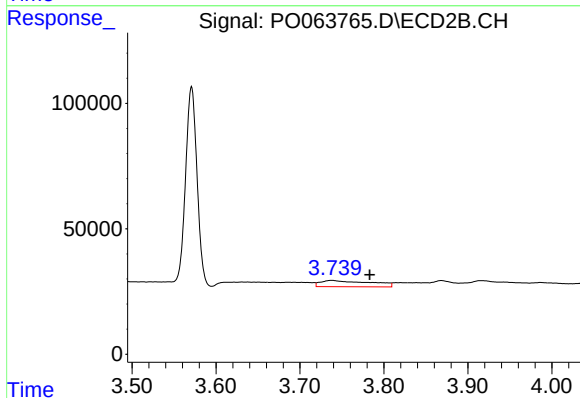
R.T.: 5.041 min
Delta R.T.: -0.053 min
Response: 23996
Conc: 30.21 ng/ml



#8 AR-1221-1

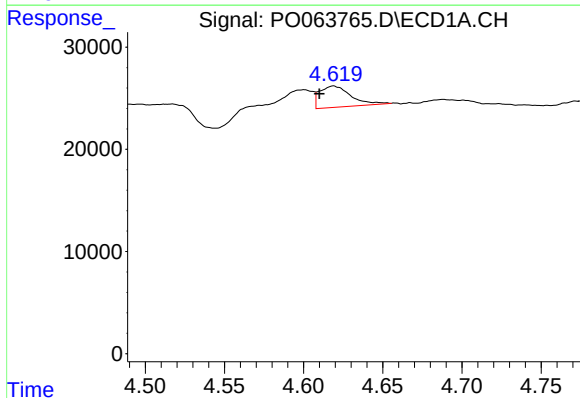
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20949-20950



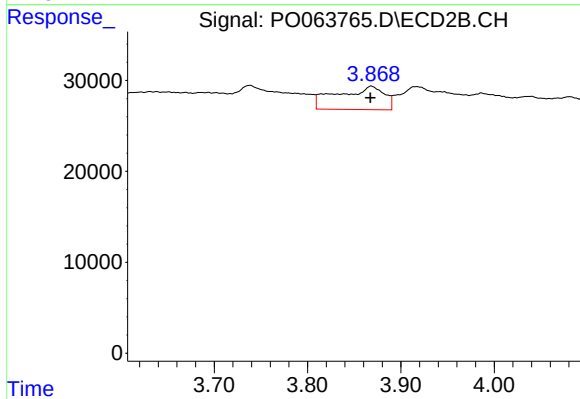
#8 AR-1221-1

R.T.: 3.738 min
Delta R.T.: -0.045 min
Response: 102576
Conc: 377.58 ng/ml



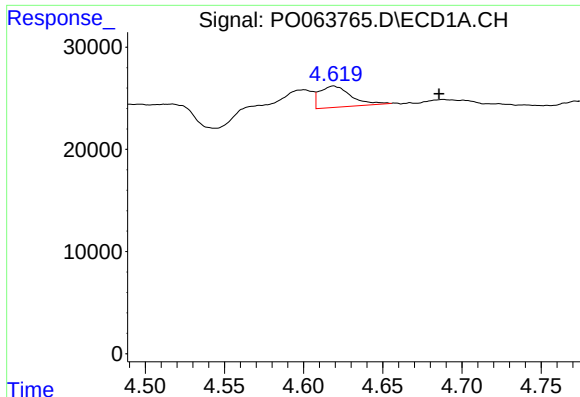
#9 AR-1221-2

R.T.: 4.619 min
Delta R.T.: 0.009 min
Response: 28609
Conc: 91.21 ng/ml



#9 AR-1221-2

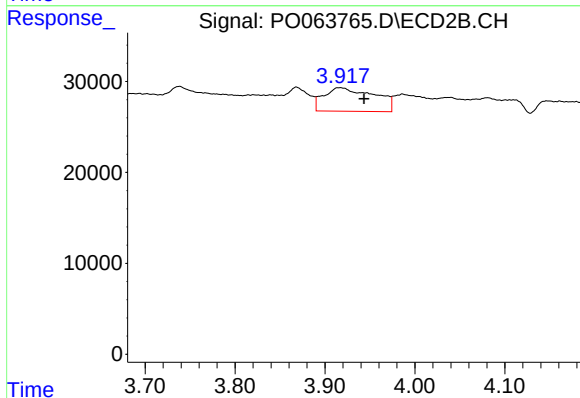
R.T.: 3.869 min
Delta R.T.: 0.001 min
Response: 89200
Conc: 424.22 ng/ml



#10 AR-1221-3

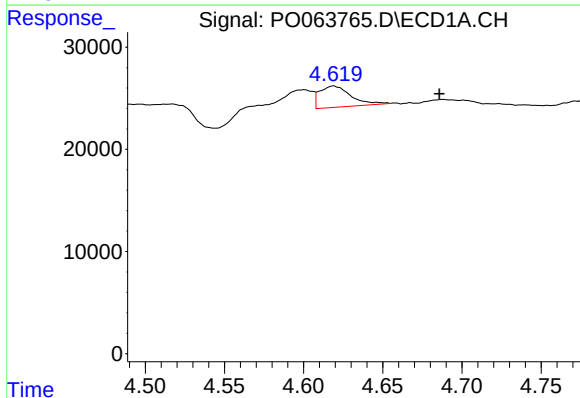
R.T.: 4.619 min
Delta R.T.: -0.067 min
Response: 28609
Conc: 30.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



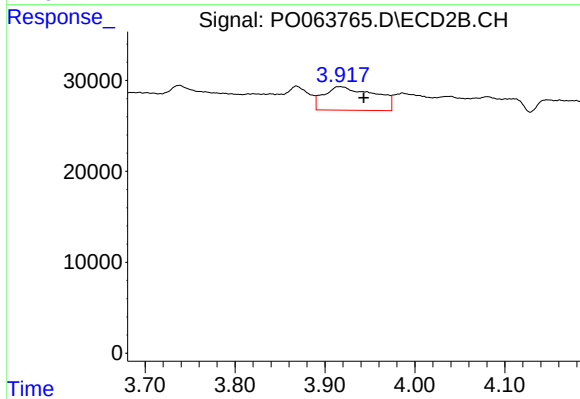
#10 AR-1221-3

R.T.: 3.917 min
Delta R.T.: -0.027 min
Response: 101507
Conc: 152.28 ng/ml



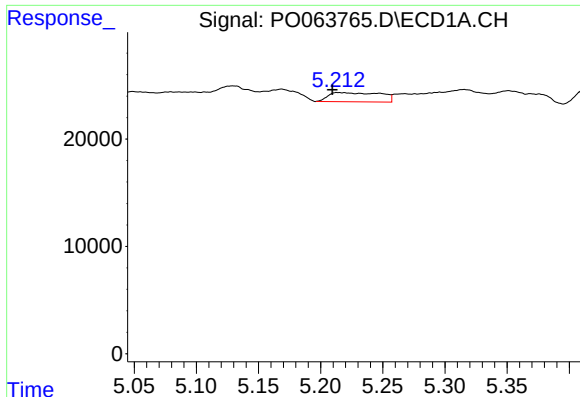
#11 AR-1232-1

R.T.: 4.619 min
Delta R.T.: -0.067 min
Response: 28609
Conc: 21.51 ng/ml



#11 AR-1232-1

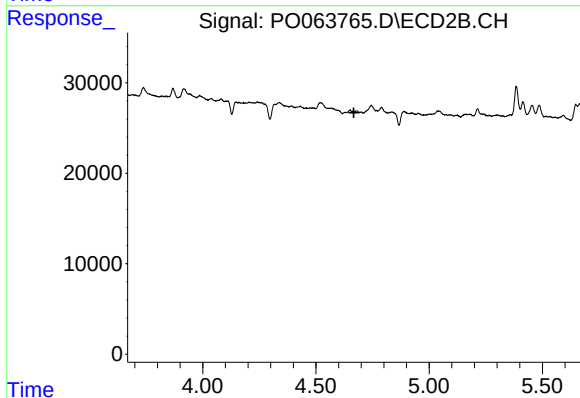
R.T.: 3.917 min
Delta R.T.: -0.026 min
Response: 101507
Conc: 107.69 ng/ml



#12 AR-1232-2

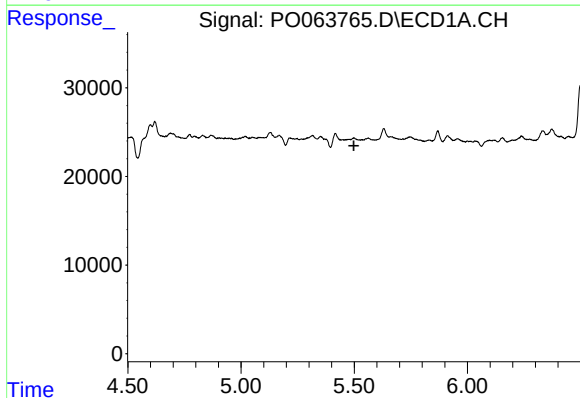
R.T.: 5.214 min
Delta R.T.: 0.004 min
Response: 24982
Conc: 35.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



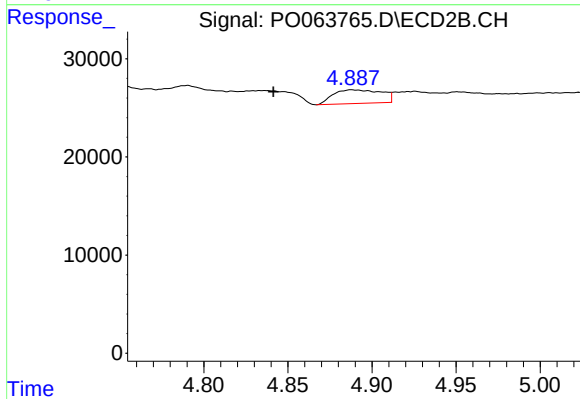
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.667 min
Response: 0
Conc: N.D.



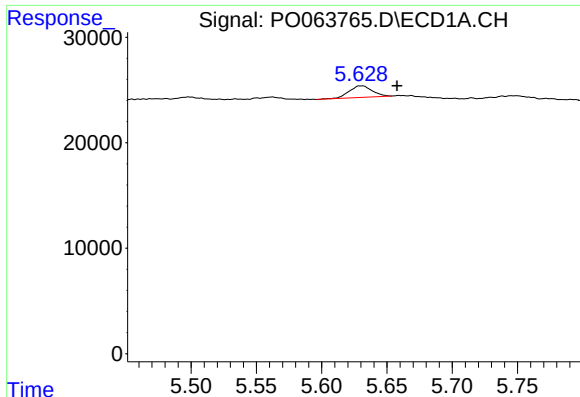
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.498 min
Response: 0
Conc: N.D.



#13 AR-1232-3

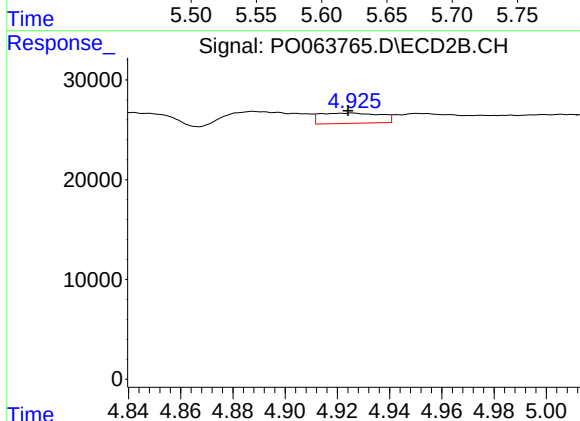
R.T.: 4.889 min
Delta R.T.: 0.047 min
Response: 27731
Conc: 52.39 ng/ml



#14 AR-1232-4

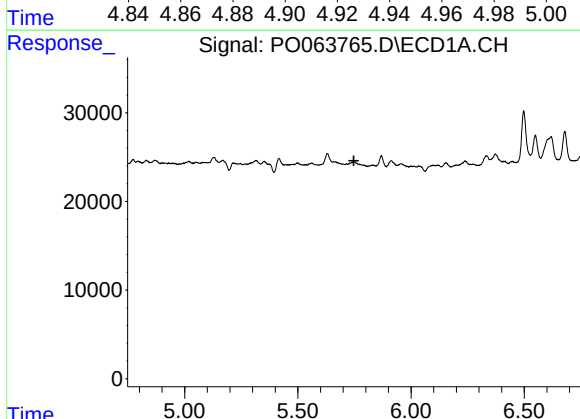
R.T.: 5.630 min
Delta R.T.: -0.027 min
Response: 13455
Conc: 18.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
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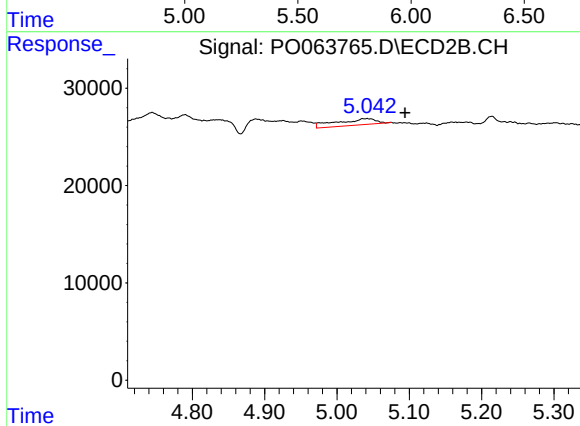
#14 AR-1232-4

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 16580
Conc: 35.32 ng/ml



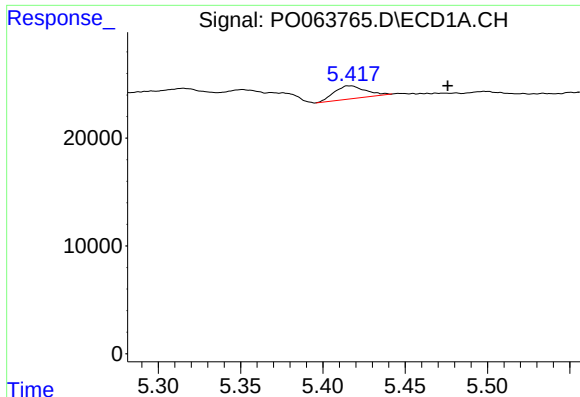
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.748 min
Response: 0
Conc: N.D.



#15 AR-1232-5

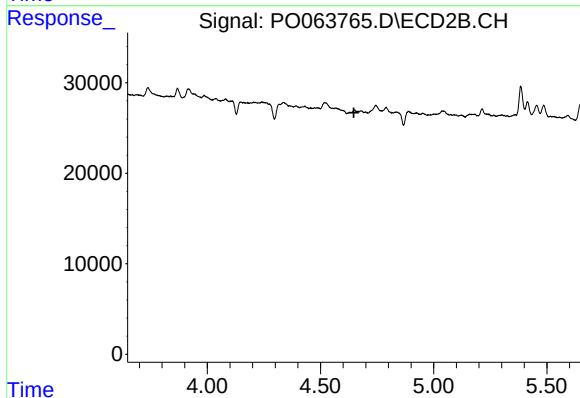
R.T.: 5.041 min
Delta R.T.: -0.053 min
Response: 23996
Conc: 46.55 ng/ml



#16 AR-1242-1

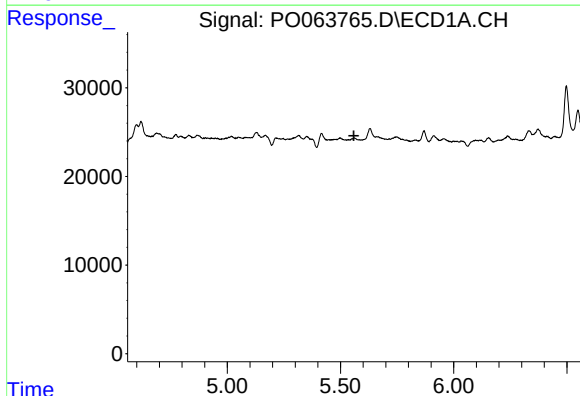
R.T.: 5.416 min
Delta R.T.: -0.059 min
Response: 15862
Conc: 14.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



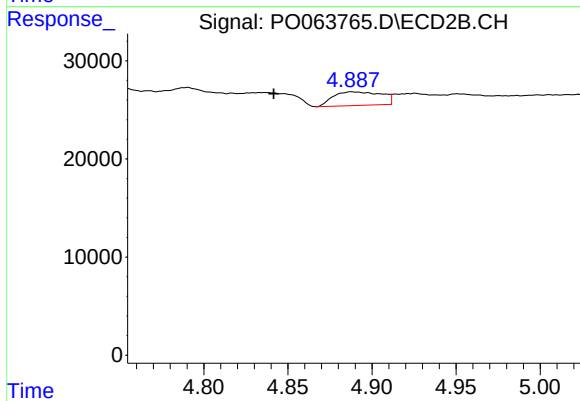
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.647 min
Response: 0
Conc: N.D.



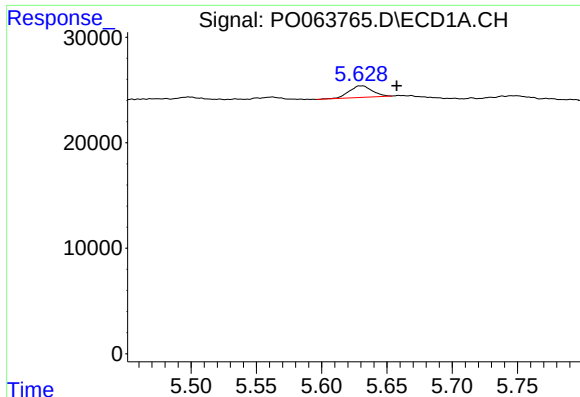
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.560 min
Response: 0
Conc: N.D.



#18 AR-1242-3

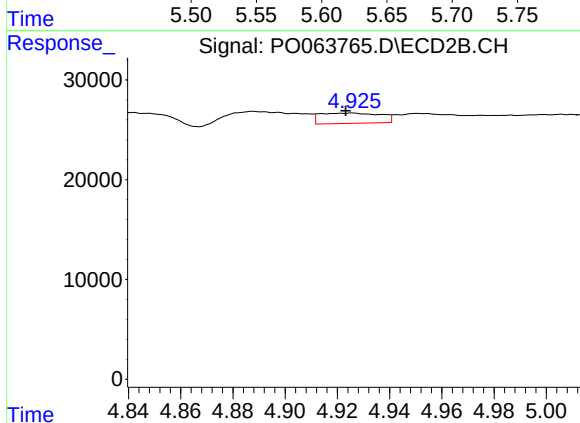
R.T.: 4.889 min
Delta R.T.: 0.047 min
Response: 27731
Conc: 48.40 ng/ml



#19 AR-1242-4

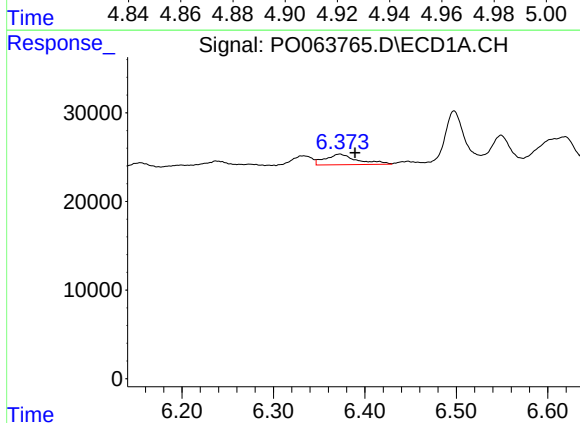
R.T.: 5.630 min
Delta R.T.: -0.027 min
Response: 13455
Conc: 17.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



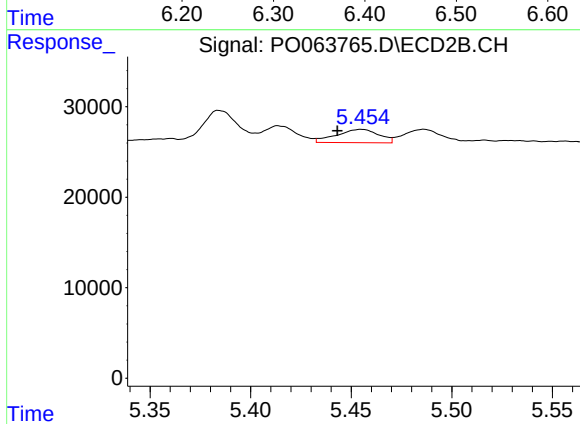
#19 AR-1242-4

R.T.: 4.924 min
Delta R.T.: 0.001 min
Response: 16580
Conc: 29.04 ng/ml



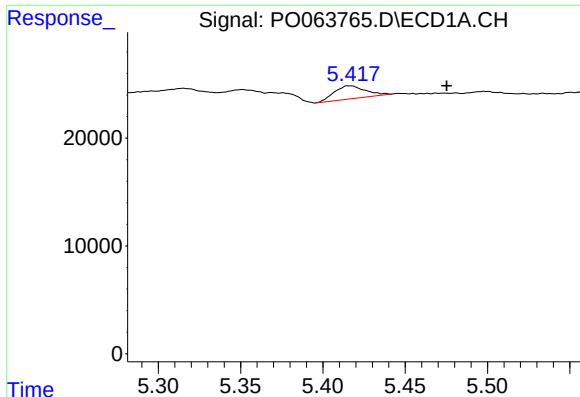
#20 AR-1242-5

R.T.: 6.372 min
Delta R.T.: -0.017 min
Response: 29069
Conc: 27.97 ng/ml



#20 AR-1242-5

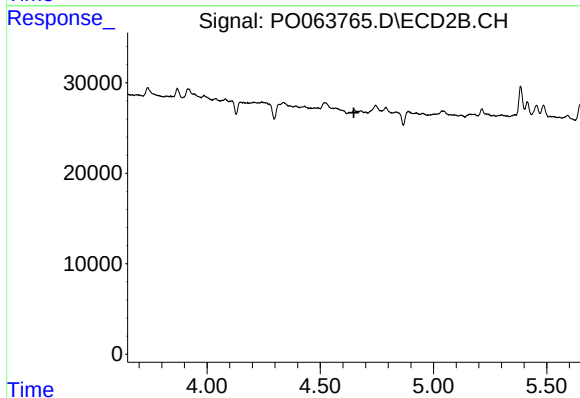
R.T.: 5.455 min
Delta R.T.: 0.012 min
Response: 21641
Conc: 27.80 ng/ml



#21 AR-1248-1

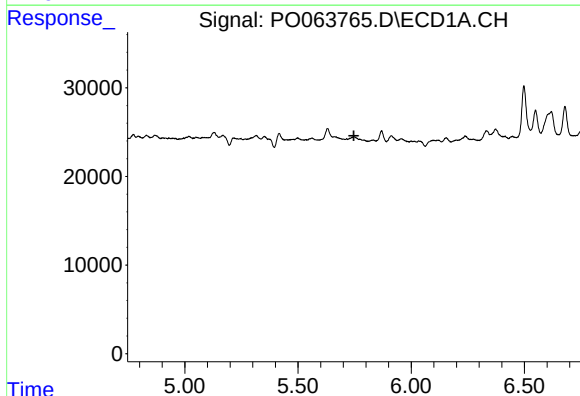
R.T.: 5.416 min
Delta R.T.: -0.059 min
Response: 15862
Conc: 18.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



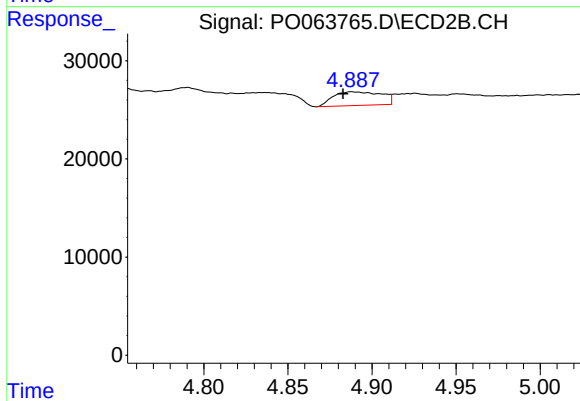
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.648 min
Response: 0
Conc: N.D.



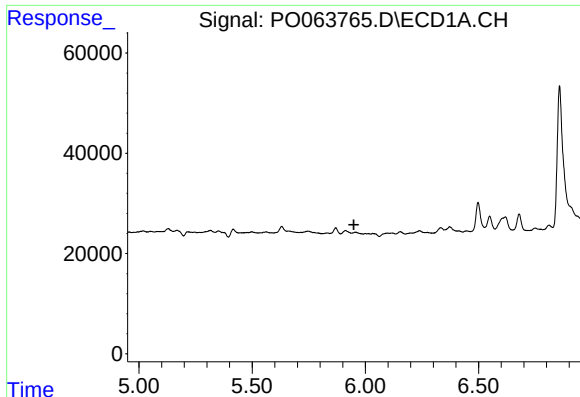
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.747 min
Response: 0
Conc: N.D.



#22 AR-1248-2

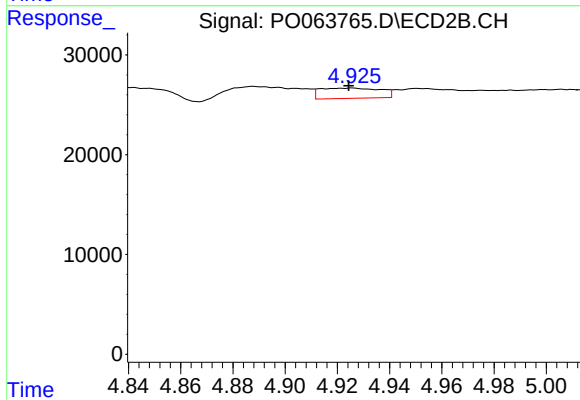
R.T.: 4.889 min
Delta R.T.: 0.006 min
Response: 27731
Conc: 32.17 ng/ml



#23 AR-1248-3

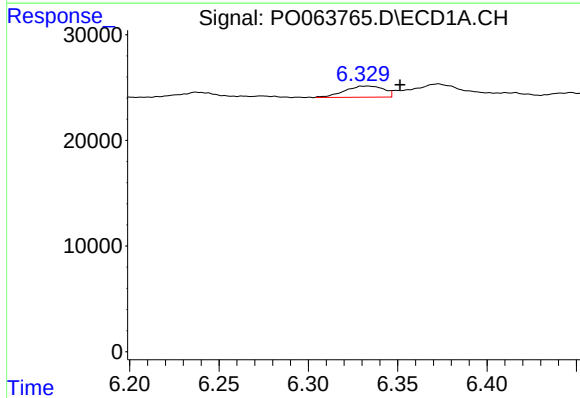
R.T.: 0.000 min
Exp R.T.: 5.950 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20949-20950



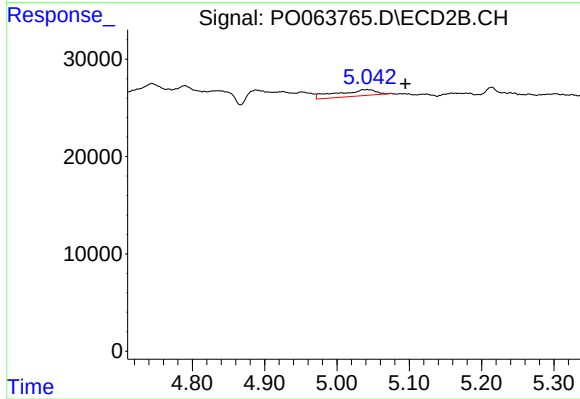
#23 AR-1248-3

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 16580
Conc: 18.74 ng/ml



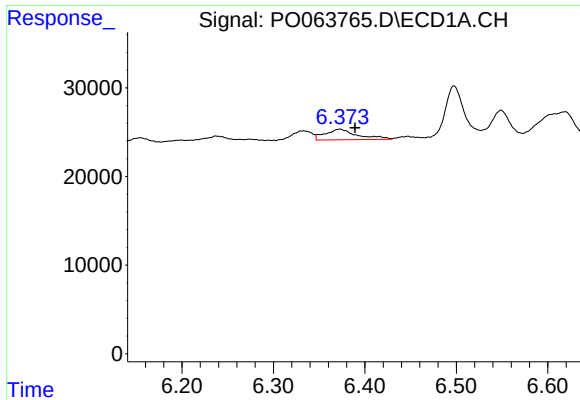
#24 AR-1248-4

R.T.: 6.333 min
Delta R.T.: -0.019 min
Response: 16182
Conc: 9.35 ng/ml



#24 AR-1248-4

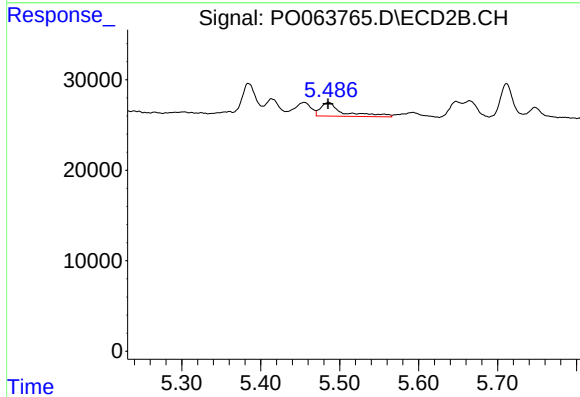
R.T.: 5.041 min
Delta R.T.: -0.054 min
Response: 23996
Conc: 22.29 ng/ml



#25 AR-1248-5

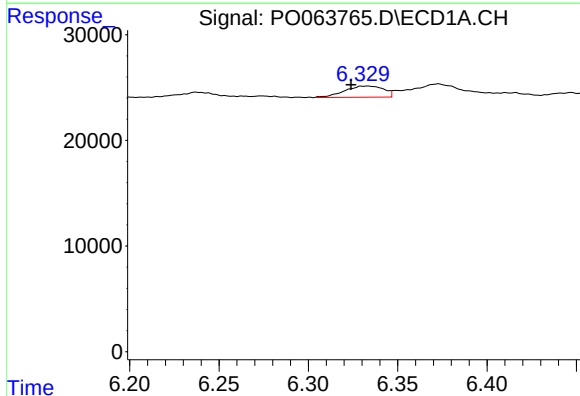
R.T.: 6.372 min
Delta R.T.: -0.017 min
Response: 29069
Conc: 17.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



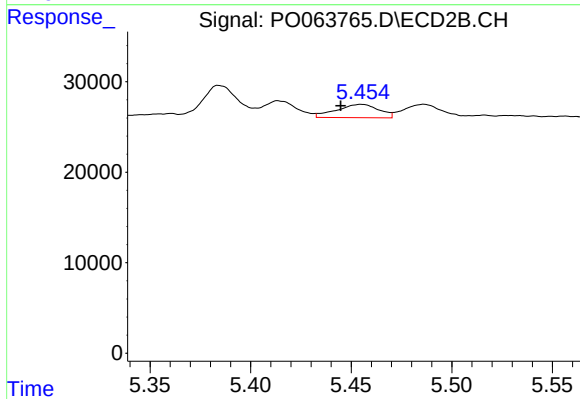
#25 AR-1248-5

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 30179
Conc: 27.06 ng/ml



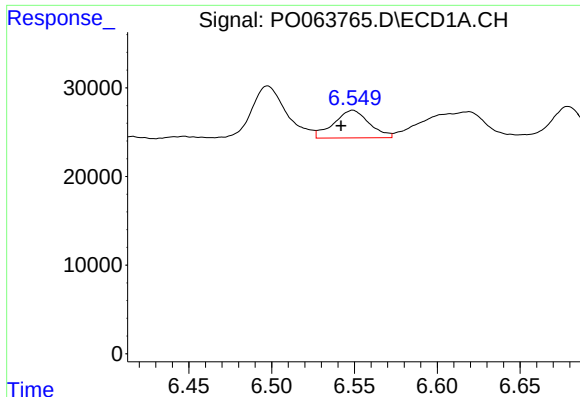
#26 AR-1254-1

R.T.: 6.333 min
Delta R.T.: 0.009 min
Response: 16182
Conc: 9.26 ng/ml



#26 AR-1254-1

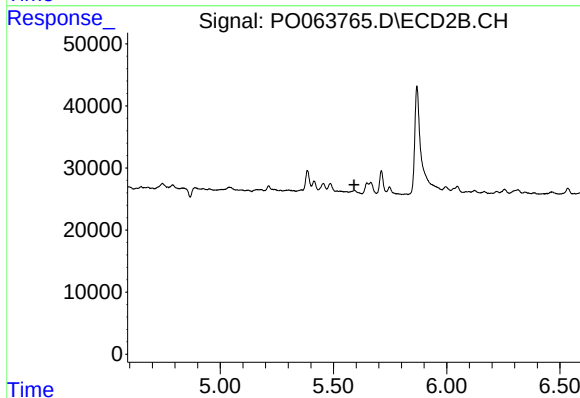
R.T.: 5.455 min
Delta R.T.: 0.010 min
Response: 21641
Conc: 12.21 ng/ml



#27 AR-1254-2

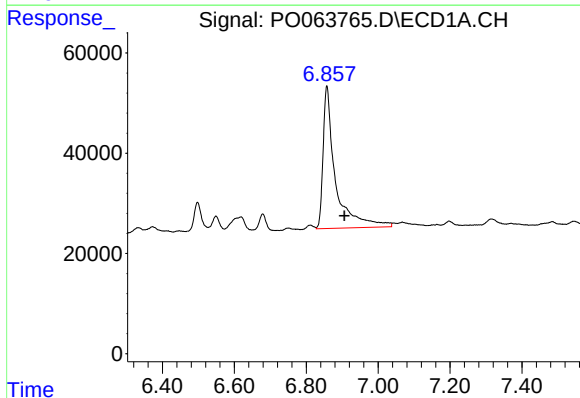
R.T.: 6.549 min
Delta R.T.: 0.007 min
Response: 46548
Conc: 16.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



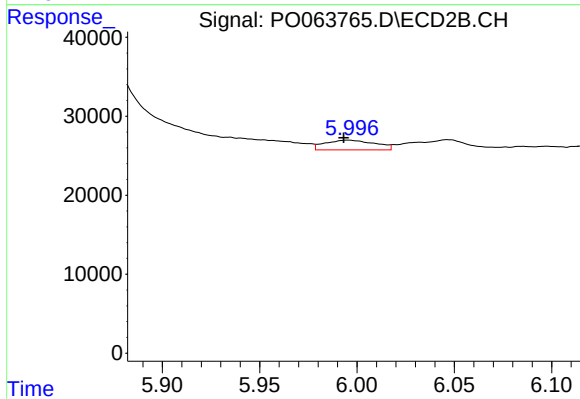
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.590 min
Response: 0
Conc: N.D.



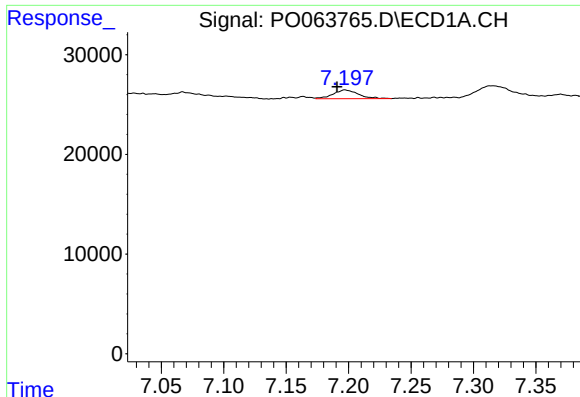
#28 AR-1254-3

R.T.: 6.857 min
Delta R.T.: -0.049 min
Response: 678529
Conc: 216.13 ng/ml



#28 AR-1254-3

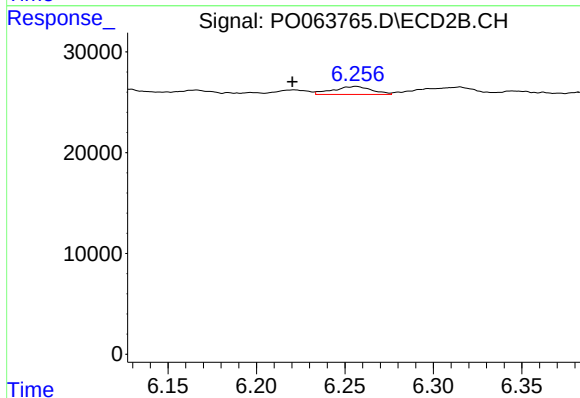
R.T.: 5.996 min
Delta R.T.: 0.002 min
Response: 21995
Conc: 8.20 ng/ml



#29 AR-1254-4

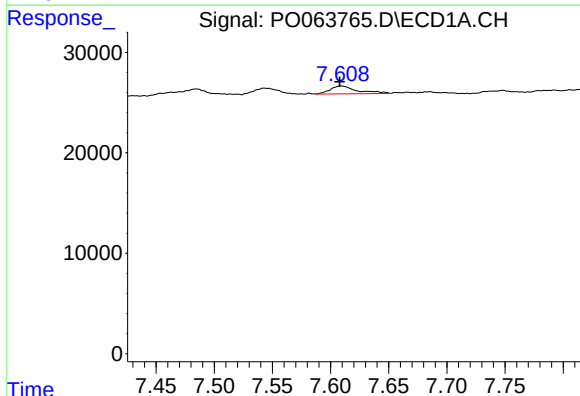
R.T.: 7.197 min
Delta R.T.: 0.007 min
Response: 12441
Conc: 5.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



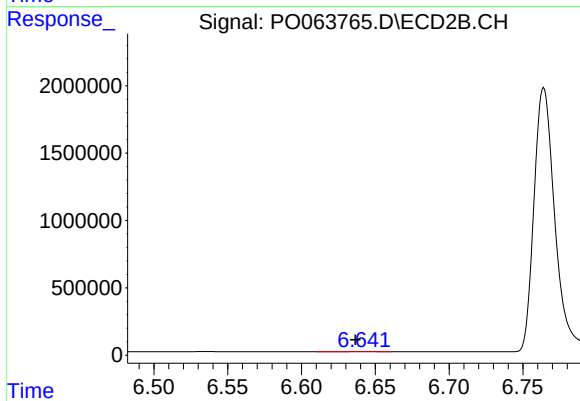
#29 AR-1254-4

R.T.: 6.256 min
Delta R.T.: 0.035 min
Response: 12020
Conc: 6.78 ng/ml



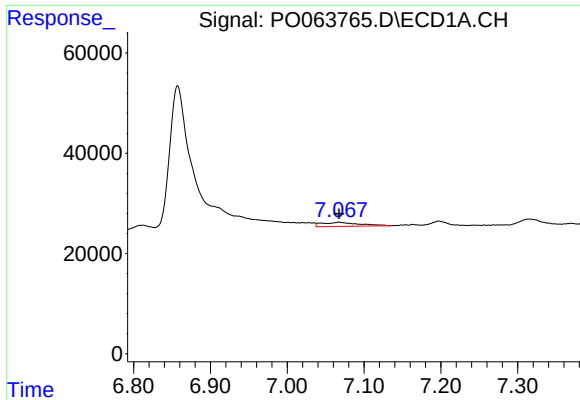
#30 AR-1254-5

R.T.: 7.609 min
Delta R.T.: 0.001 min
Response: 12626
Conc: 4.66 ng/ml



#30 AR-1254-5

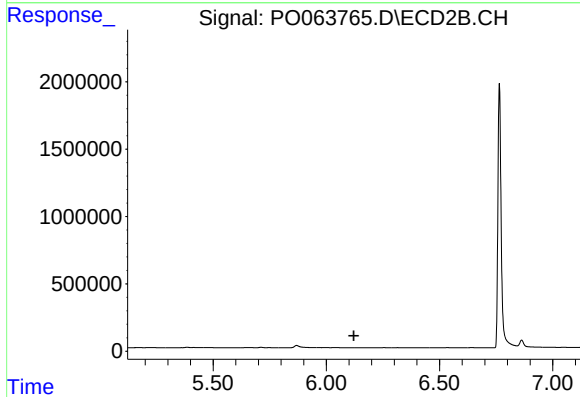
R.T.: 6.641 min
Delta R.T.: 0.005 min
Response: 14843
Conc: 5.94 ng/ml



#31 AR-1260-1

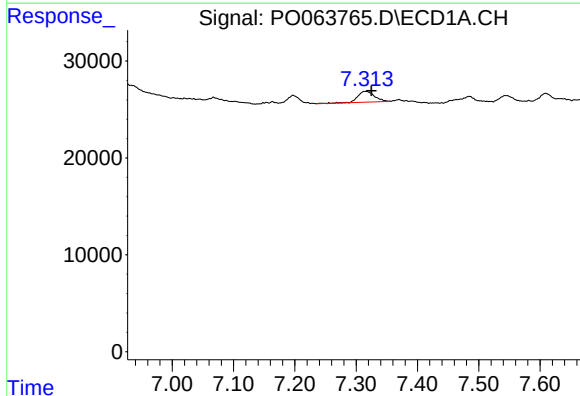
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 26901
Conc: 13.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



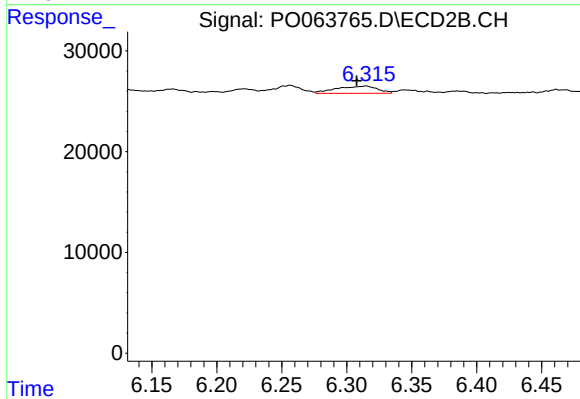
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.122 min
Response: 0
Conc: N.D.



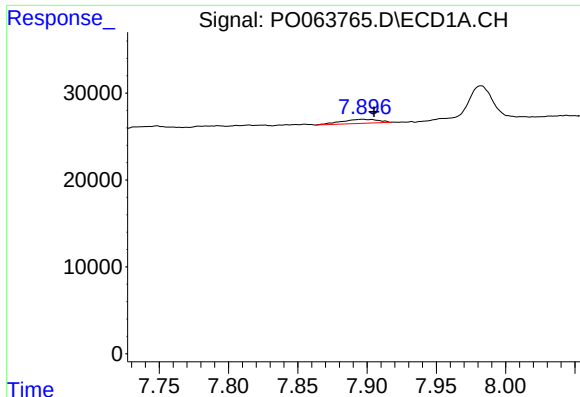
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 21463
Conc: 8.52 ng/ml



#32 AR-1260-2

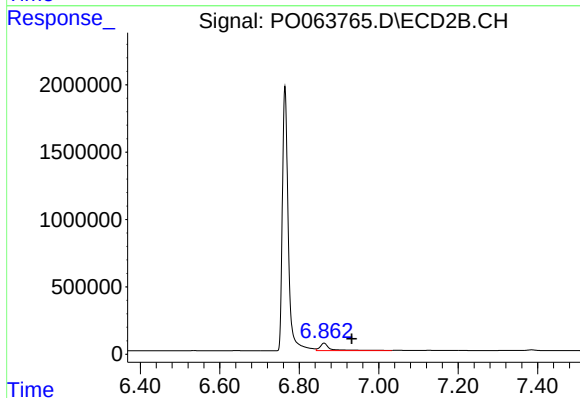
R.T.: 6.314 min
Delta R.T.: 0.006 min
Response: 15846
Conc: 8.06 ng/ml



#34 AR-1260-4

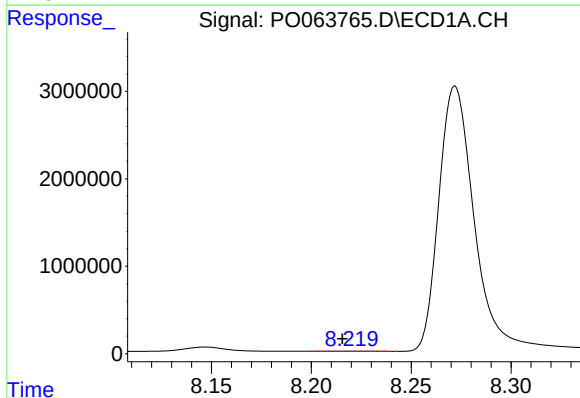
R.T.: 7.897 min
Delta R.T.: -0.008 min
Response: 8608
Conc: 3.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



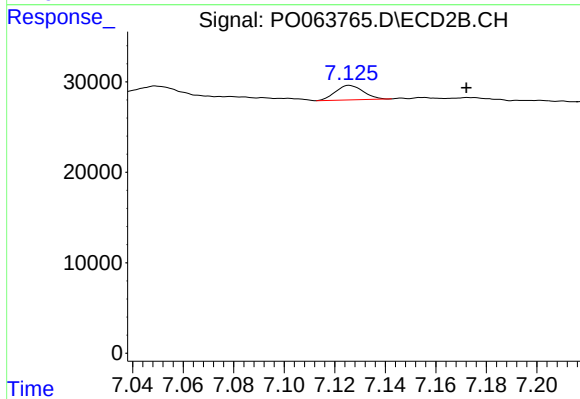
#34 AR-1260-4

R.T.: 6.862 min
Delta R.T.: -0.070 min
Response: 1037090
Conc: 658.70 ng/ml



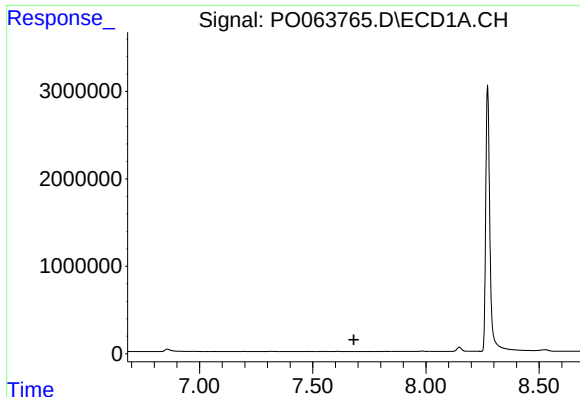
#35 AR-1260-5

R.T.: 8.219 min
Delta R.T.: 0.003 min
Response: 7738
Conc: 1.65 ng/ml



#35 AR-1260-5

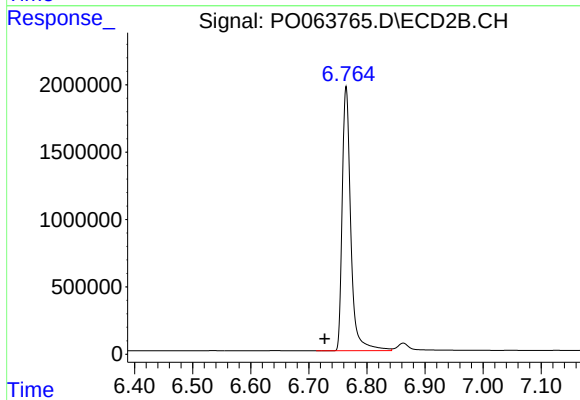
R.T.: 7.126 min
Delta R.T.: -0.046 min
Response: 12188
Conc: 3.14 ng/ml



#36 AR-1262-1

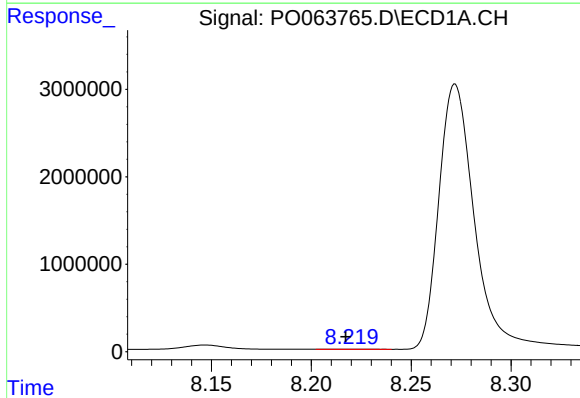
R.T.: 0.000 min
Exp R.T.: 7.682 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20949-20950



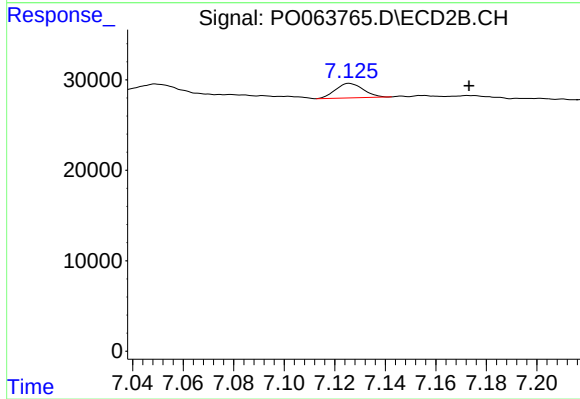
#36 AR-1262-1

R.T.: 6.764 min
Delta R.T.: 0.037 min
Response: 20073795
Conc: 19199.75 ng/ml



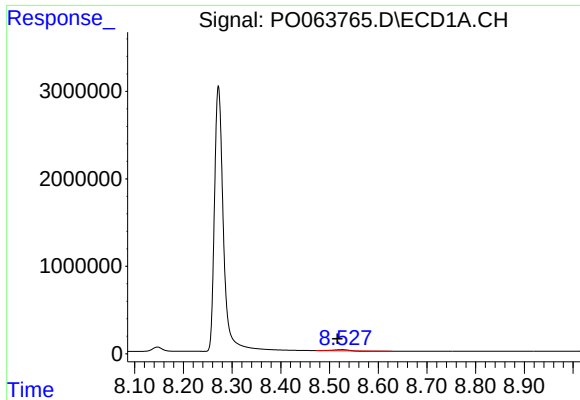
#37 AR-1262-2

R.T.: 8.219 min
Delta R.T.: 0.001 min
Response: 7738
Conc: 1.31 ng/ml



#37 AR-1262-2

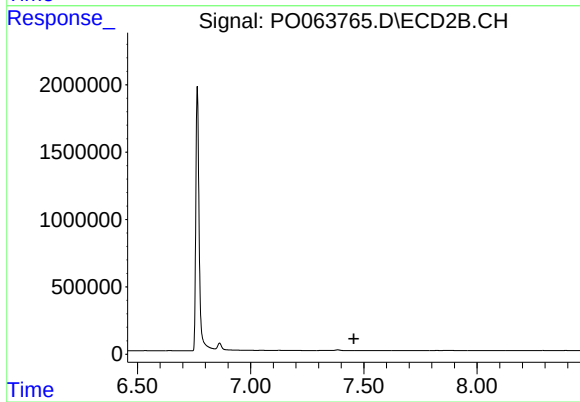
R.T.: 7.126 min
Delta R.T.: -0.047 min
Response: 12188
Conc: 2.57 ng/ml



#38 AR-1262-3

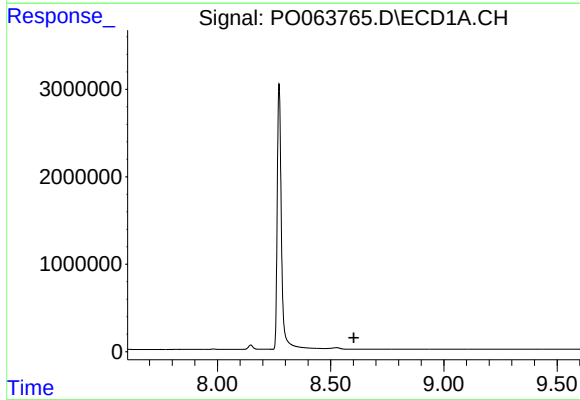
R.T.: 8.527 min
Delta R.T.: 0.010 min
Response: 193807
Conc: 47.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
20949-20950



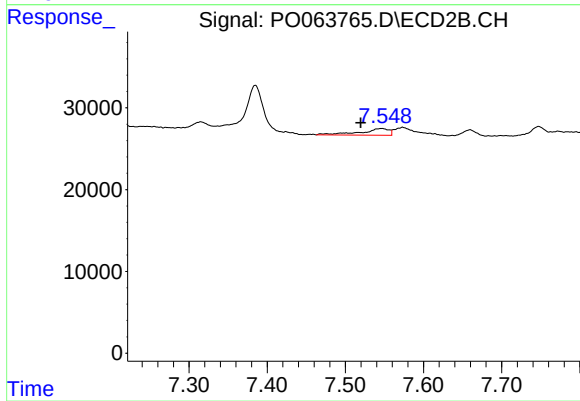
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.456 min
Response: 0
Conc: N.D.



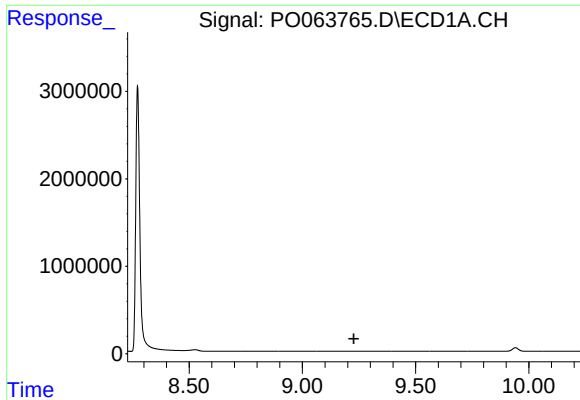
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.603 min
Response: 0
Conc: N.D.



#39 AR-1262-4

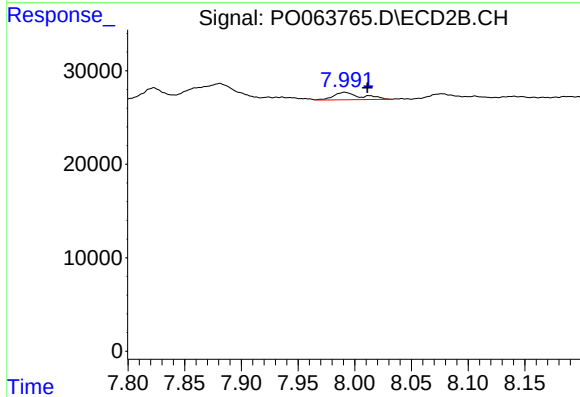
R.T.: 7.546 min
Delta R.T.: 0.026 min
Response: 20873
Conc: 5.91 ng/ml



#40 AR-1262-5

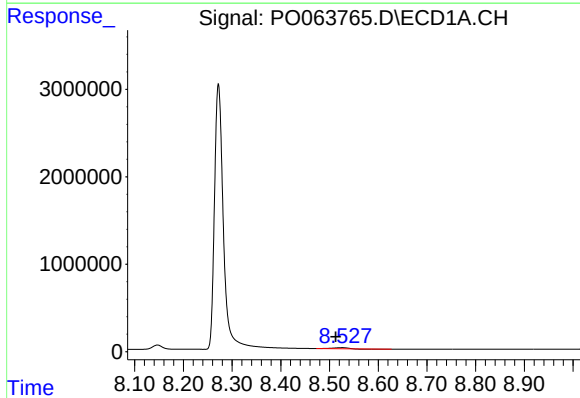
R.T.: 0.000 min
Exp R.T.: 9.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20949-20950



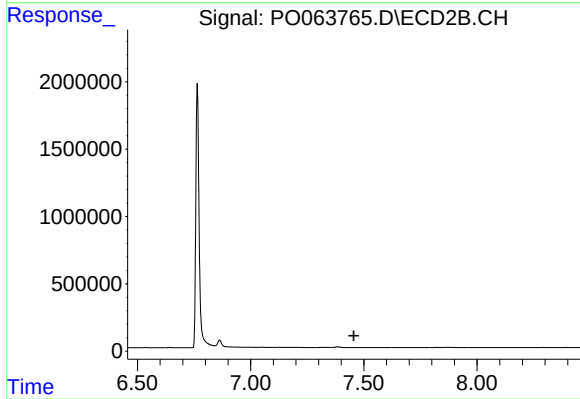
#40 AR-1262-5

R.T.: 7.991 min
Delta R.T.: -0.020 min
Response: 13415
Conc: 8.79 ng/ml



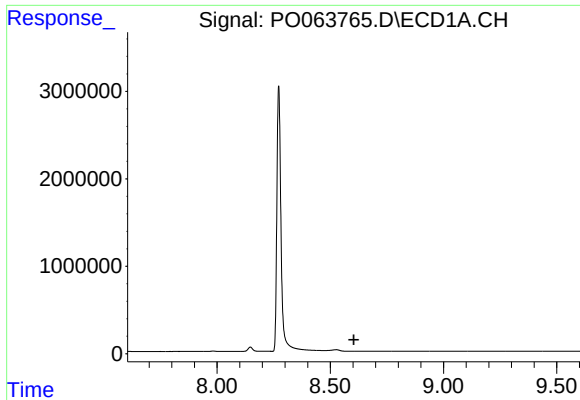
#41 AR-1268-1

R.T.: 8.527 min
Delta R.T.: 0.014 min
Response: 193807
Conc: 28.67 ng/ml



#41 AR-1268-1

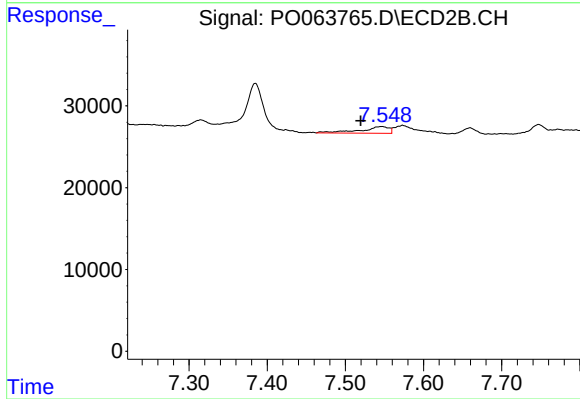
R.T.: 0.000 min
Exp R.T.: 7.456 min
Response: 0
Conc: N.D.



#42 AR-1268-2

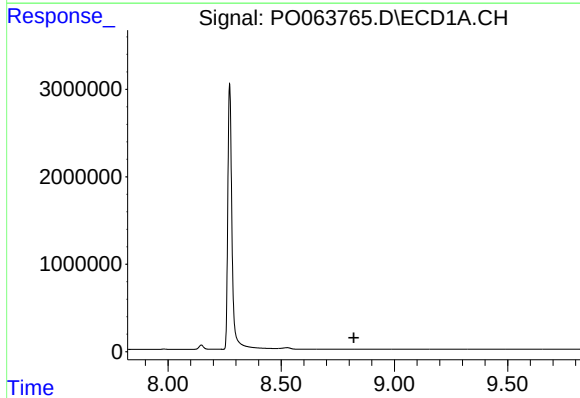
R.T.: 0.000 min
Exp R.T.: 8.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20949-20950



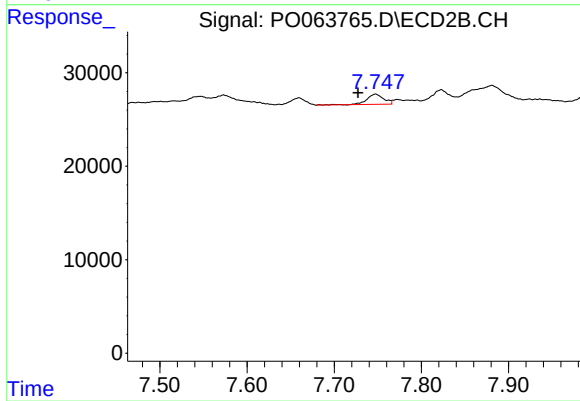
#42 AR-1268-2

R.T.: 7.546 min
Delta R.T.: 0.026 min
Response: 20873
Conc: 4.19 ng/ml



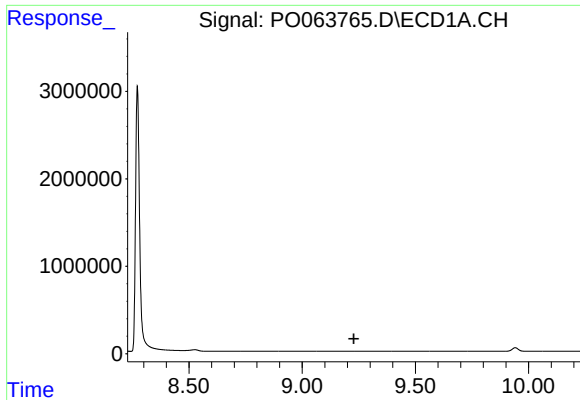
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.821 min
Response: 0
Conc: N.D.



#43 AR-1268-3

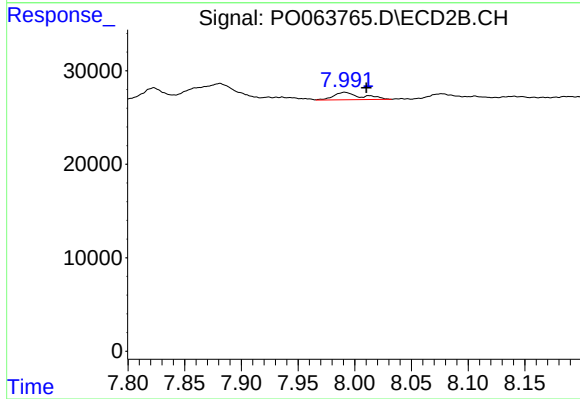
R.T.: 7.747 min
Delta R.T.: 0.020 min
Response: 15040
Conc: 3.79 ng/ml



#44 AR-1268-4

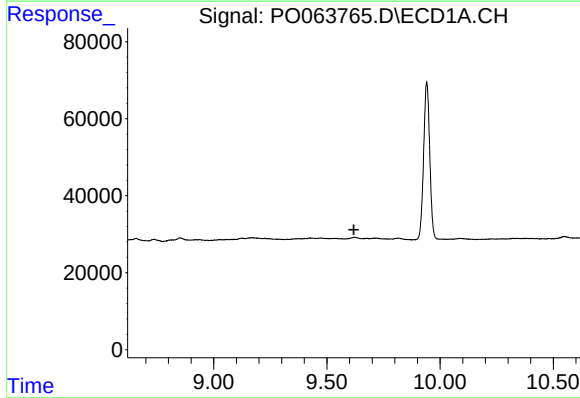
R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20949-20950



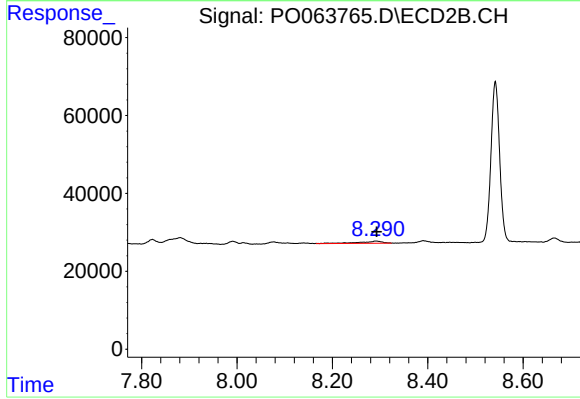
#44 AR-1268-4

R.T.: 7.991 min
Delta R.T.: -0.019 min
Response: 13415
Conc: 7.92 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.619 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.292 min
Delta R.T.: -0.001 min
Response: 18629
Conc: 1.58 ng/ml