

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060073.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 8:35
 Operator : SM/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 13:33:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.123	3.497	633634	615177	18.097	17.090
2)	SA Decachlor...	9.583	8.353	917946	721817	17.255	17.902
Target Compounds							
3)	L1 AR-1016-1	5.262	0.000	28079	0	17.507	N.D. #
4)	L1 AR-1016-2	5.262	0.000	28079	0	11.736	N.D. #
5)	L1 AR-1016-3	5.355	0.000	3885	0	2.608	N.D. #
6)	L1 AR-1016-4	5.492	0.000	18260	0	15.094	N.D. #
7)	L1 AR-1016-5	5.692	0.000	4722	0	3.677	N.D. #
8)	L2 AR-1221-1	4.376	0.000	5555	0	13.118	N.D. #
9)	L2 AR-1221-2	4.424	0.000	19800	0	60.962	N.D. #
10)	L2 AR-1221-3	4.548	0.000	73978	0	70.331	N.D. #
11)	L3 AR-1232-1	4.548	0.000	73978	0	59.352	N.D. #
13)	L3 AR-1232-3	5.262	0.000	28079	0	18.336	N.D. #
14)	L3 AR-1232-4	5.533	0.000	6154	0	7.871	N.D. #
15)	L3 AR-1232-5	5.572	0.000	4706	0	7.829	N.D. #
16)	L4 AR-1242-1	5.262	0.000	28079	0	22.118	N.D. #
17)	L4 AR-1242-2	5.262	0.000	28079	0	15.132	N.D. #
18)	L4 AR-1242-3	5.355	0.000	3885	0	3.324	N.D. #
19)	L4 AR-1242-4	5.533	0.000	6154	0	6.358	N.D. #
20)	L4 AR-1242-5	6.234	5.286	9697	19554	7.717	17.481 #
21)	L5 AR-1248-1	5.262	0.000	28079	0	28.007	N.D. #
22)	L5 AR-1248-2	5.533	0.000	6154	0	4.242	N.D. #
23)	L5 AR-1248-3	5.692	0.000	4722	0	2.841	N.D. #
24)	L5 AR-1248-4	6.163	0.000	32829	0	16.060	N.D. #
25)	L5 AR-1248-5	6.163	5.286	32829	19554	16.554	13.662
26)	L6 AR-1254-1	6.111	5.286	192014	19554	92.031	8.244 #
27)	L6 AR-1254-2	6.327	0.000	7521	0	2.254	N.D. #
28)	L6 AR-1254-3	6.722	0.000	54069	0	15.237	N.D. #
29)	L6 AR-1254-4	6.939	0.000	38690	0	13.135	N.D. #
30)	L6 AR-1254-5	7.388	0.000	31210	0	10.093	N.D. #
31)	L7 AR-1260-1	6.870	0.000	39512	0	14.657	N.D. #
32)	L7 AR-1260-2	7.104	6.181	13439	8488	3.622	2.897
33)	L7 AR-1260-3	0.000	6.375	0	36332	N.D.	13.715 #
34)	L7 AR-1260-4	7.639	0.000	251231	0	81.799	N.D. #
35)	L7 AR-1260-5	7.989	0.000	665455	0	93.979	N.D. #
37)	L8 AR-1262-2	7.989	0.000	665455	0	86.245	N.D. #
40)	L8 AR-1262-5	8.995	0.000	377007	0	146.892	N.D. #
43)	L9 AR-1268-3	8.550	0.000	128837	0	18.278	N.D. #
44)	L9 AR-1268-4	8.995	0.000	377007	0	135.612	N.D. #
45)	L9 AR-1268-5	9.303	8.075	57368	45698	3.111	3.145

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Acq On : 30 Aug 2019 8:35
Operator : SM/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

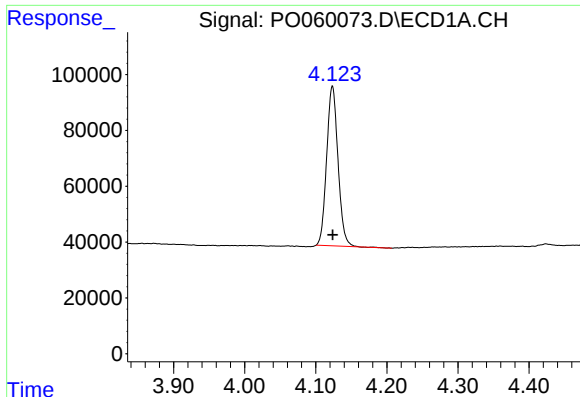
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 13:33:05 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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QLast Update : Wed Aug 28 13:30:59 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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

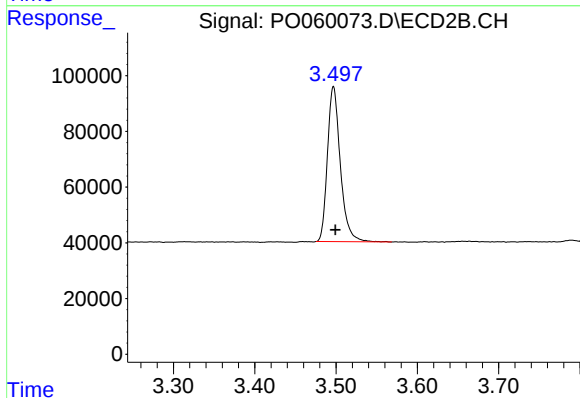
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						



#1 Tetrachloro-m-xylene

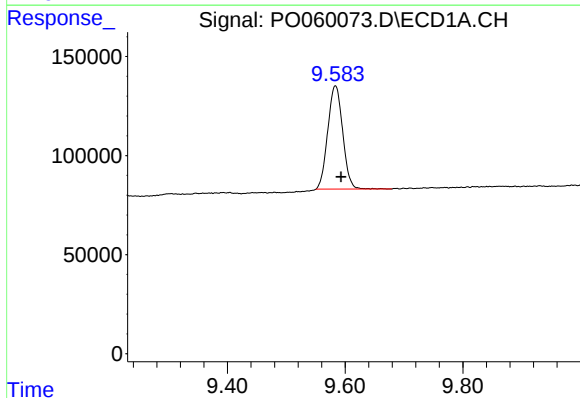
R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 633634
Conc: 18.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



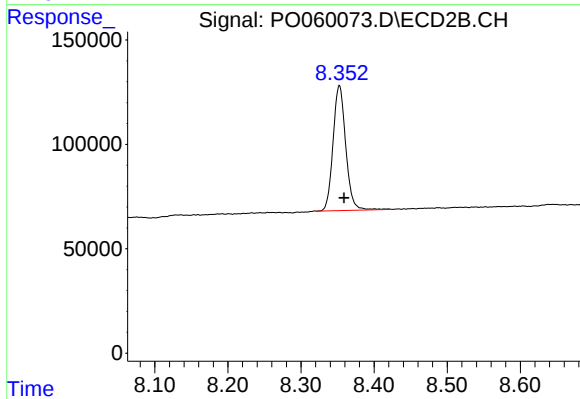
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.003 min
Response: 615177
Conc: 17.09 ng/ml



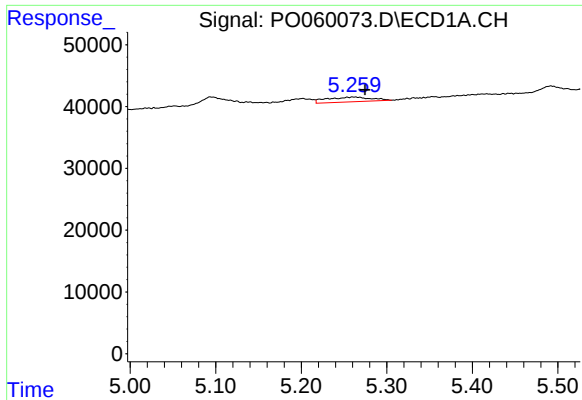
#2 Decachlorobiphenyl

R.T.: 9.583 min
Delta R.T.: -0.010 min
Response: 917946
Conc: 17.25 ng/ml



#2 Decachlorobiphenyl

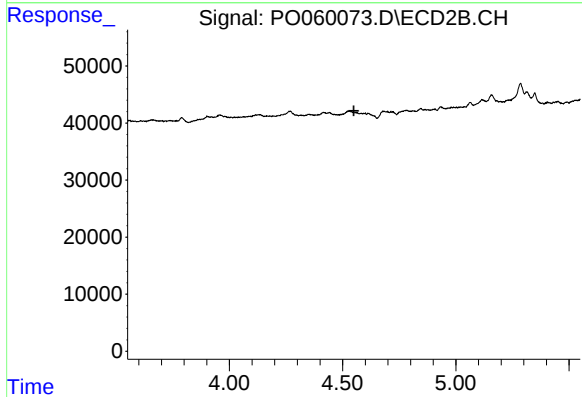
R.T.: 8.353 min
Delta R.T.: -0.007 min
Response: 721817
Conc: 17.90 ng/ml



#3 AR-1016-1

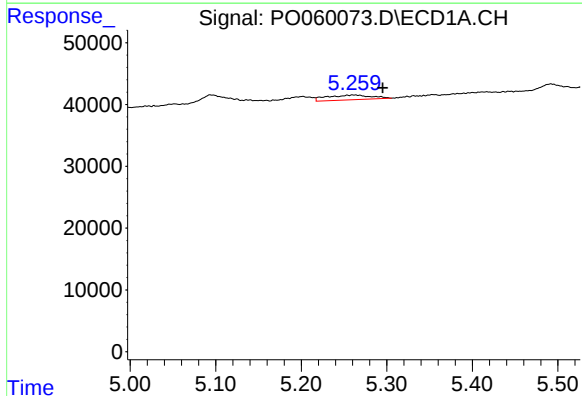
R.T.: 5.262 min
Delta R.T.: -0.012 min
Response: 28079
Conc: 17.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



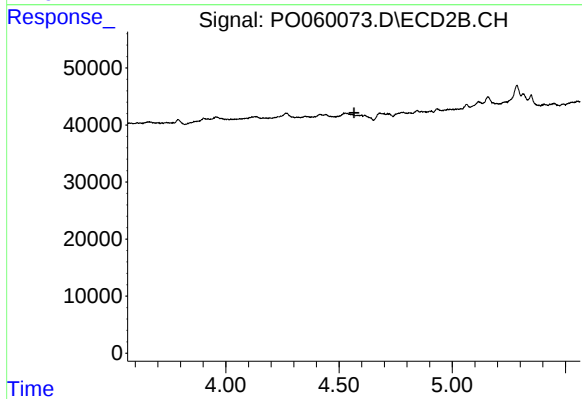
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



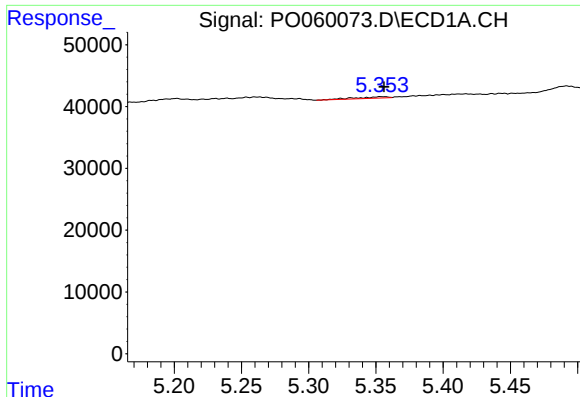
#4 AR-1016-2

R.T.: 5.262 min
Delta R.T.: -0.033 min
Response: 28079
Conc: 11.74 ng/ml



#4 AR-1016-2

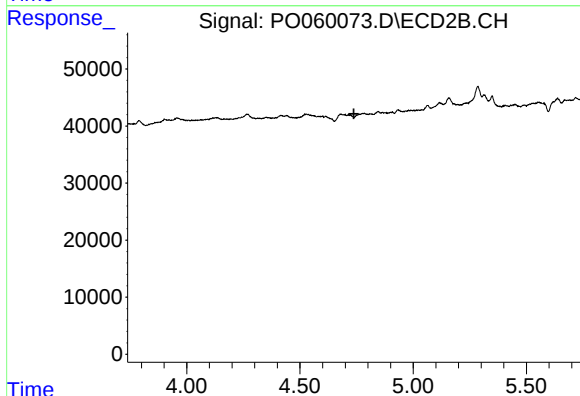
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

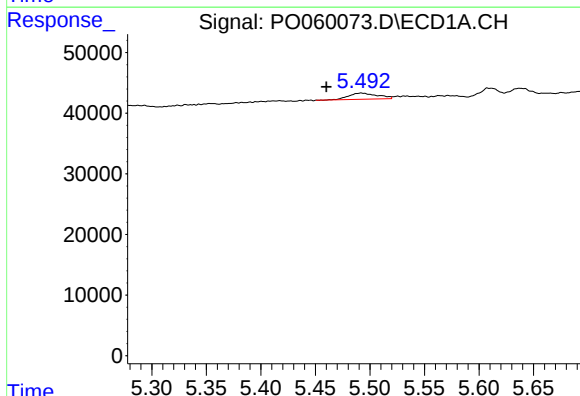
R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 3885
Conc: 2.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



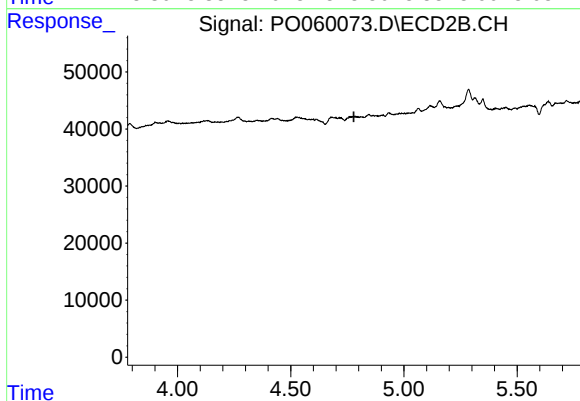
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



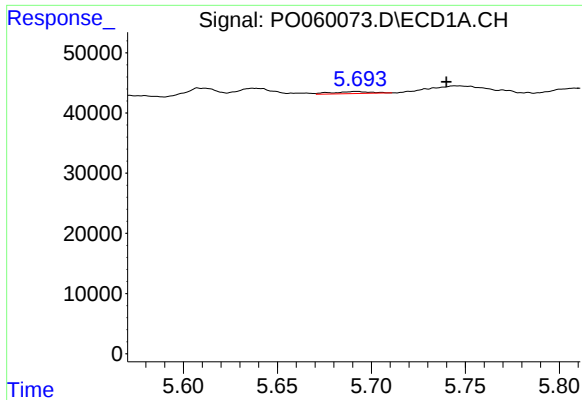
#6 AR-1016-4

R.T.: 5.492 min
Delta R.T.: 0.032 min
Response: 18260
Conc: 15.09 ng/ml



#6 AR-1016-4

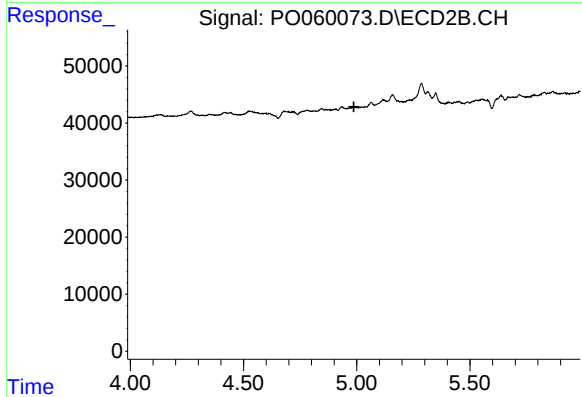
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

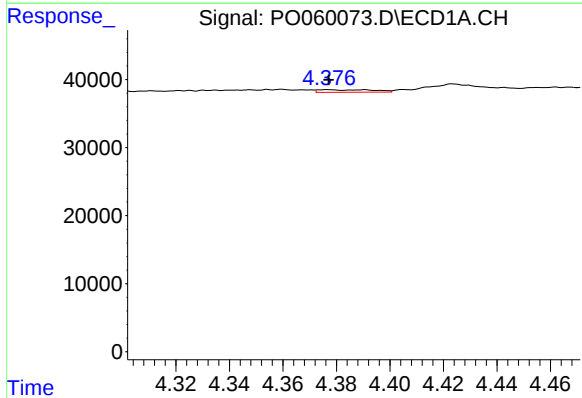
R.T.: 5.692 min
Delta R.T.: -0.048 min
Response: 4722
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



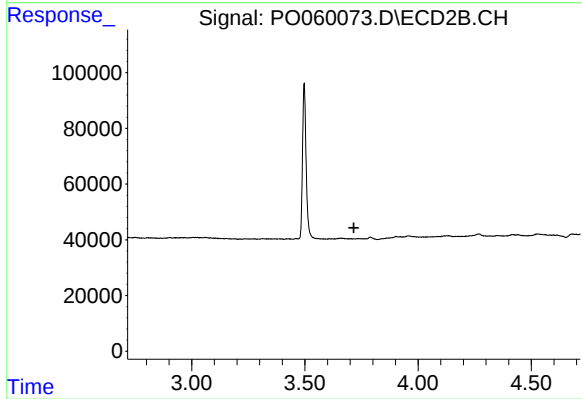
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



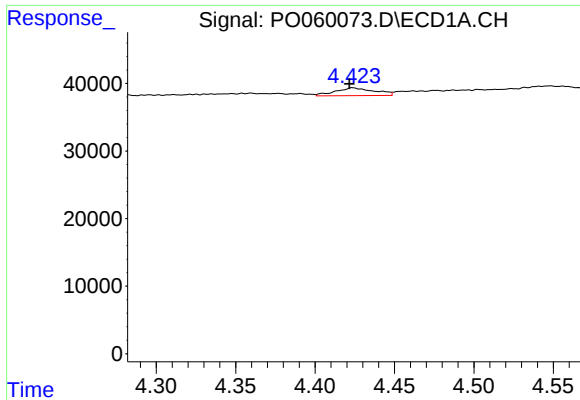
#8 AR-1221-1

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 5555
Conc: 13.12 ng/ml



#8 AR-1221-1

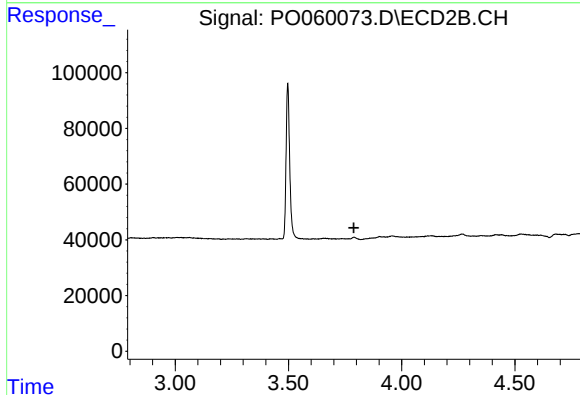
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

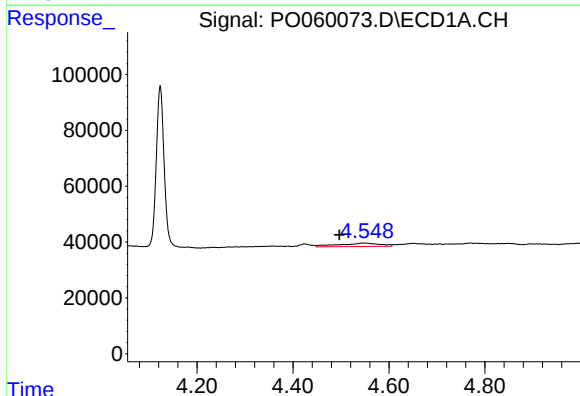
R.T.: 4.424 min
Delta R.T.: 0.003 min
Response: 19800
Conc: 60.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



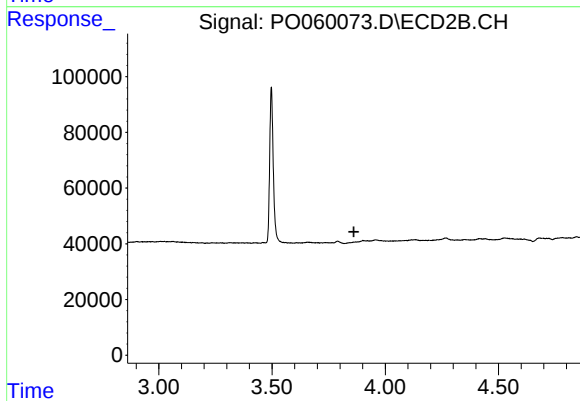
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



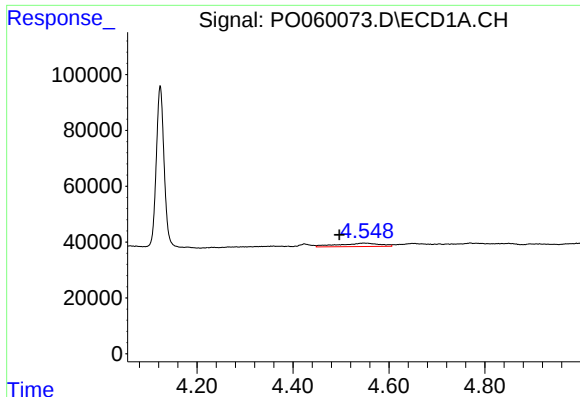
#10 AR-1221-3

R.T.: 4.548 min
Delta R.T.: 0.051 min
Response: 73978
Conc: 70.33 ng/ml



#10 AR-1221-3

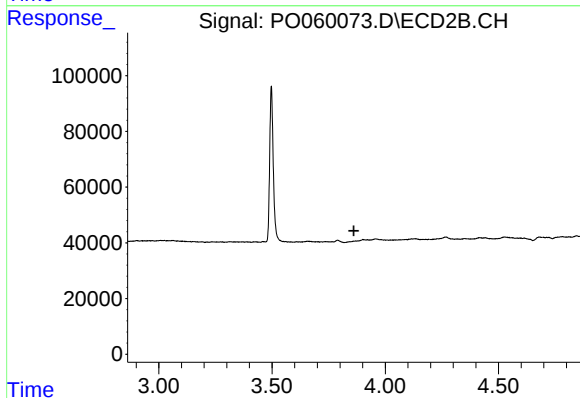
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

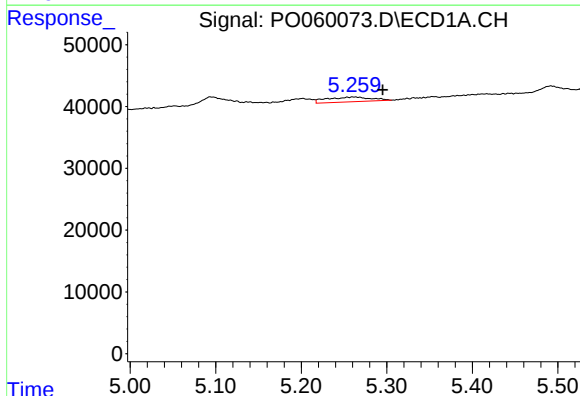
R.T.: 4.548 min
Delta R.T.: 0.051 min
Response: 73978
Conc: 59.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



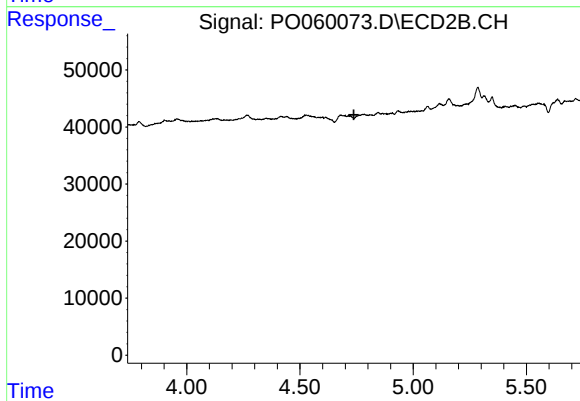
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



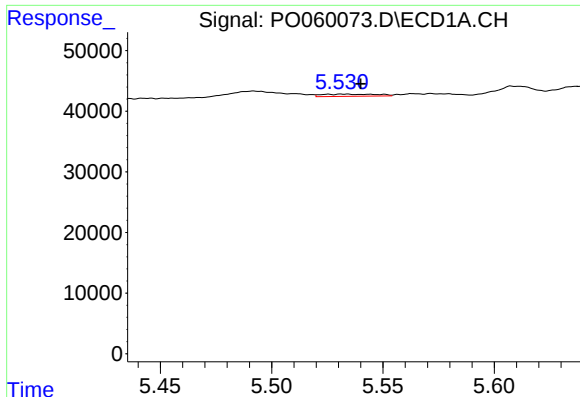
#13 AR-1232-3

R.T.: 5.262 min
Delta R.T.: -0.033 min
Response: 28079
Conc: 18.34 ng/ml



#13 AR-1232-3

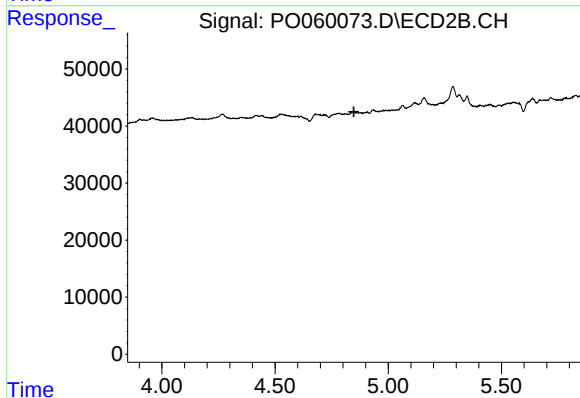
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#14 AR-1232-4

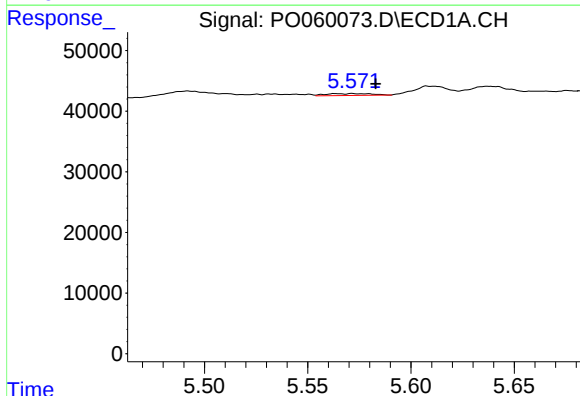
R.T.: 5.533 min
Delta R.T.: -0.007 min
Response: 6154
Conc: 7.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



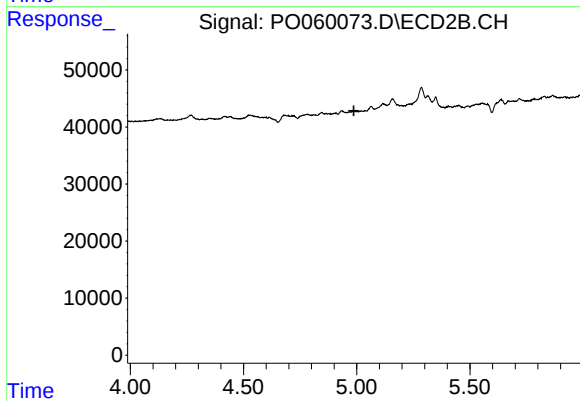
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



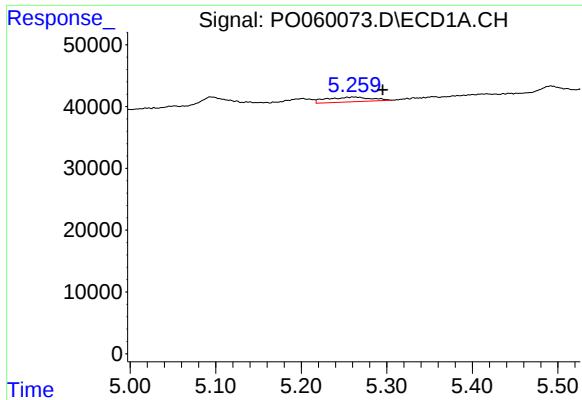
#15 AR-1232-5

R.T.: 5.572 min
Delta R.T.: -0.011 min
Response: 4706
Conc: 7.83 ng/ml



#15 AR-1232-5

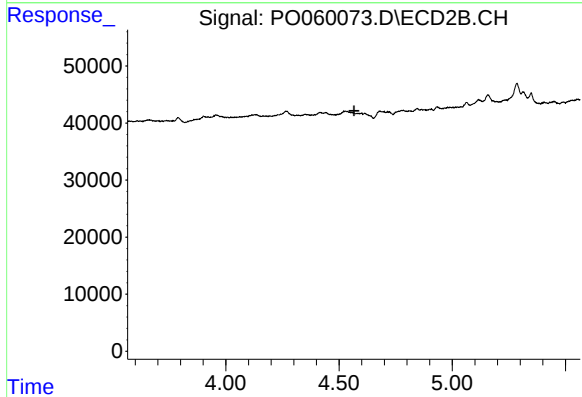
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#16 AR-1242-1

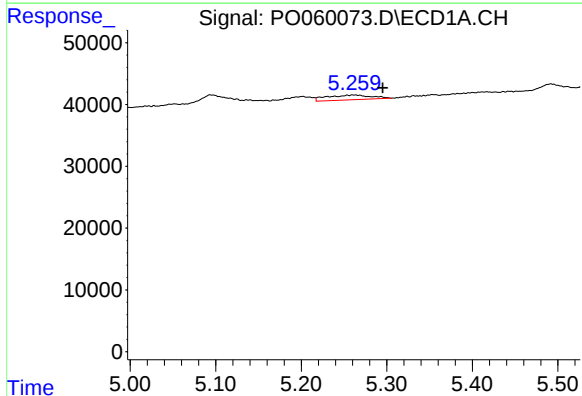
R.T.: 5.262 min
Delta R.T.: -0.033 min
Response: 28079
Conc: 22.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



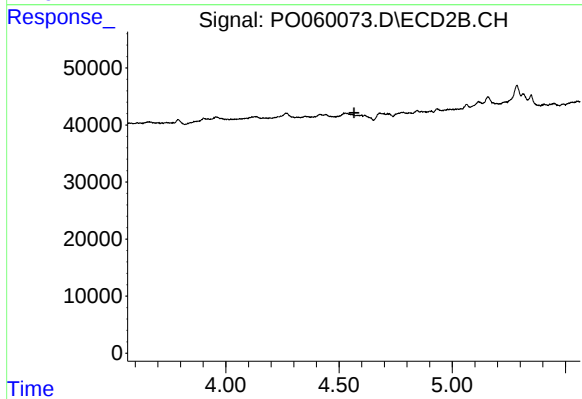
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



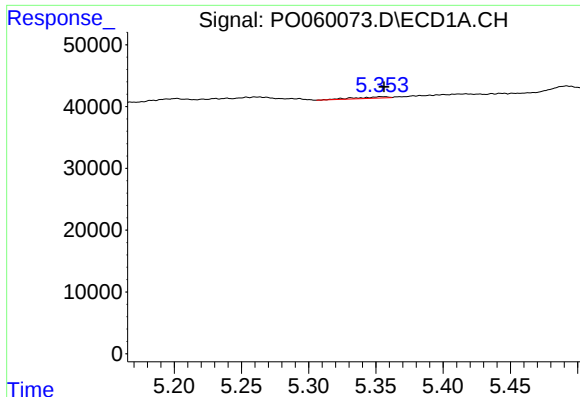
#17 AR-1242-2

R.T.: 5.262 min
Delta R.T.: -0.033 min
Response: 28079
Conc: 15.13 ng/ml



#17 AR-1242-2

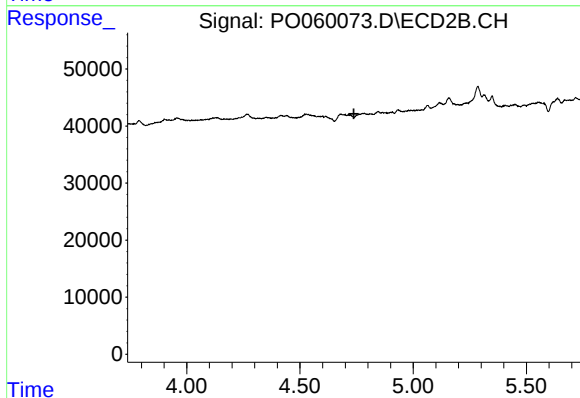
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#18 AR-1242-3

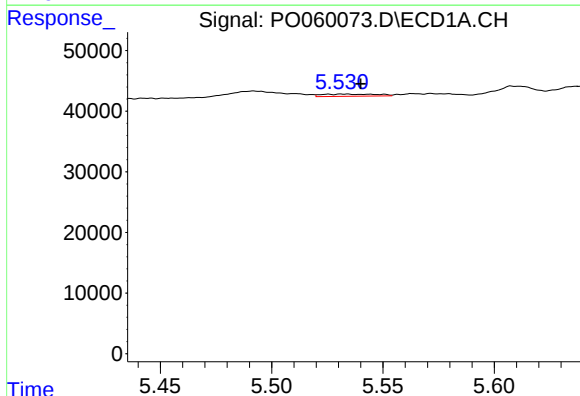
R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 3885
Conc: 3.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



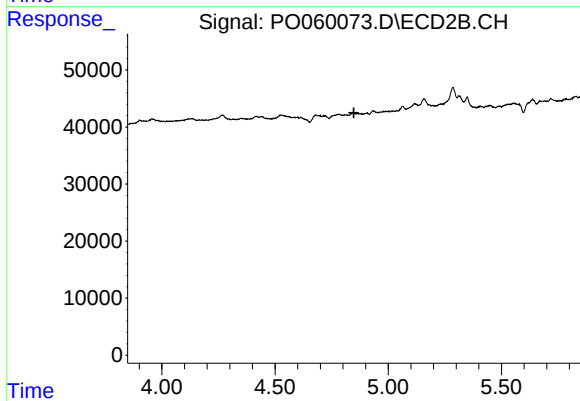
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



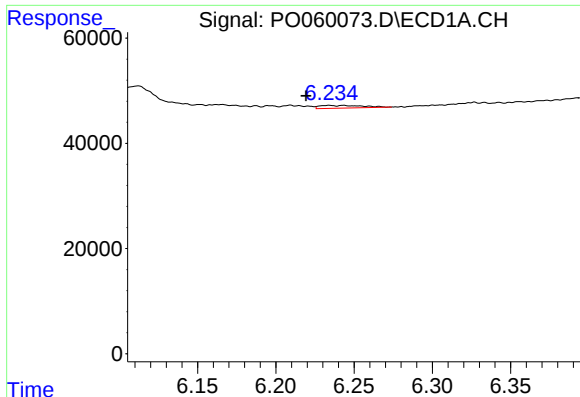
#19 AR-1242-4

R.T.: 5.533 min
Delta R.T.: -0.007 min
Response: 6154
Conc: 6.36 ng/ml



#19 AR-1242-4

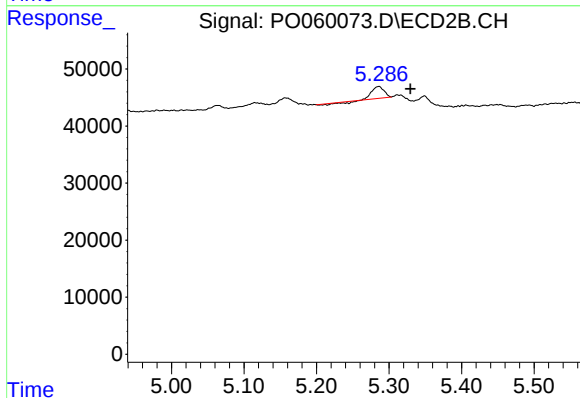
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#20 AR-1242-5

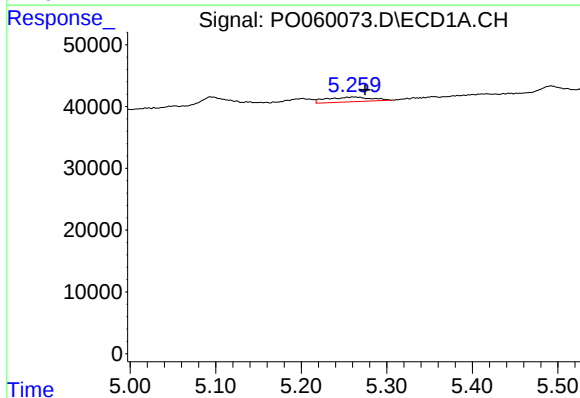
R.T.: 6.234 min
Delta R.T.: 0.015 min
Response: 9697
Conc: 7.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



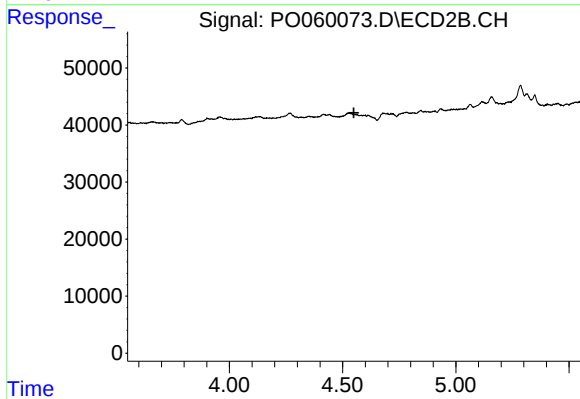
#20 AR-1242-5

R.T.: 5.286 min
Delta R.T.: -0.044 min
Response: 19554
Conc: 17.48 ng/ml



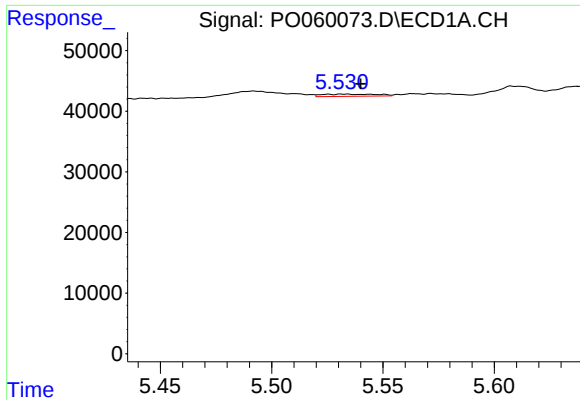
#21 AR-1248-1

R.T.: 5.262 min
Delta R.T.: -0.012 min
Response: 28079
Conc: 28.01 ng/ml



#21 AR-1248-1

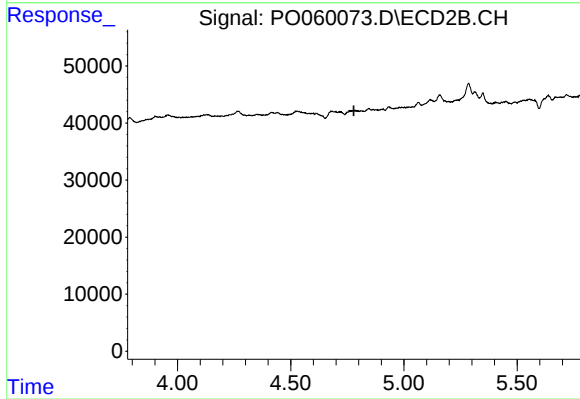
R.T.: 0.000 min
Exp R.T.: 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

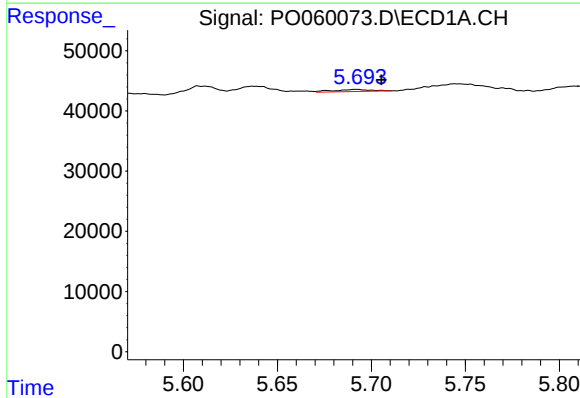
R.T.: 5.533 min
Delta R.T.: -0.007 min
Response: 6154
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



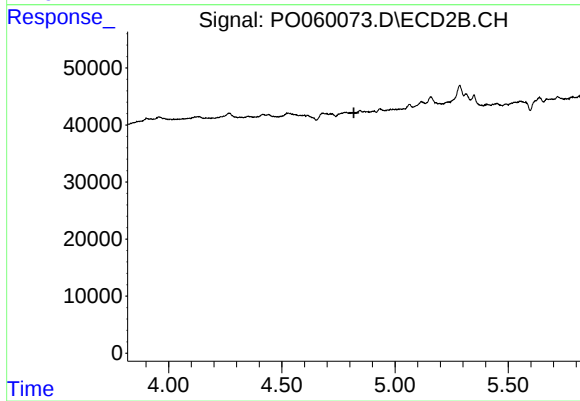
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



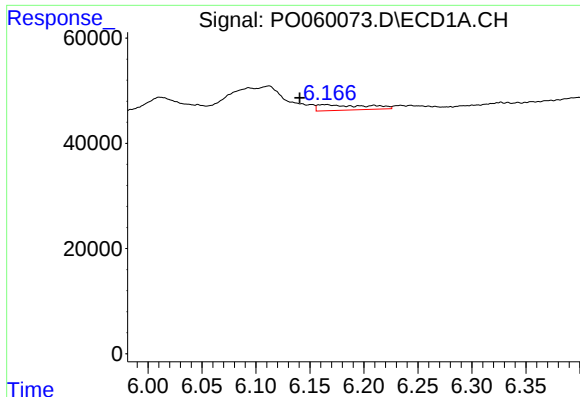
#23 AR-1248-3

R.T.: 5.692 min
Delta R.T.: -0.014 min
Response: 4722
Conc: 2.84 ng/ml



#23 AR-1248-3

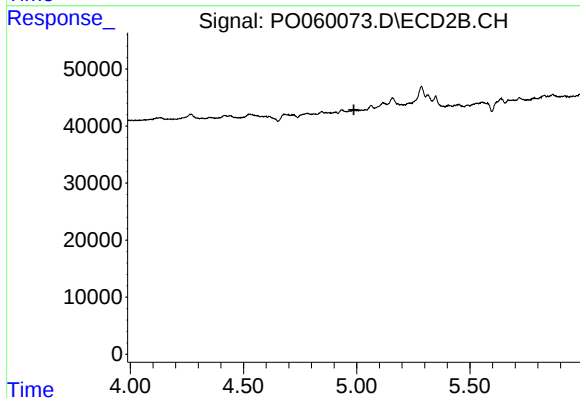
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#24 AR-1248-4

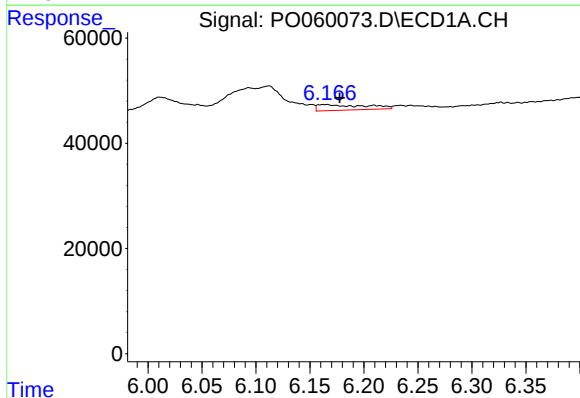
R.T.: 6.163 min
Delta R.T.: 0.023 min
Response: 32829
Conc: 16.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



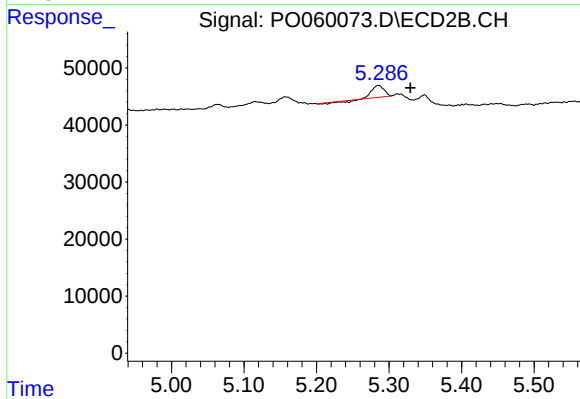
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



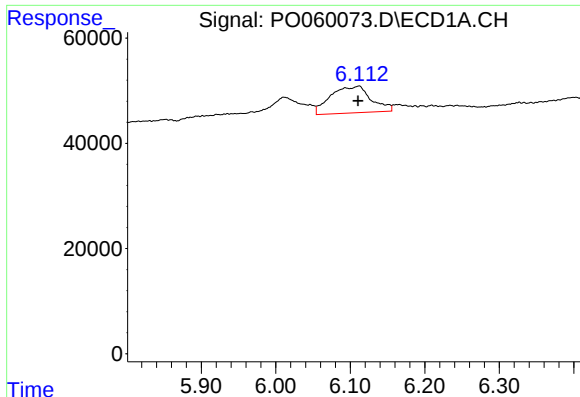
#25 AR-1248-5

R.T.: 6.163 min
Delta R.T.: -0.014 min
Response: 32829
Conc: 16.55 ng/ml



#25 AR-1248-5

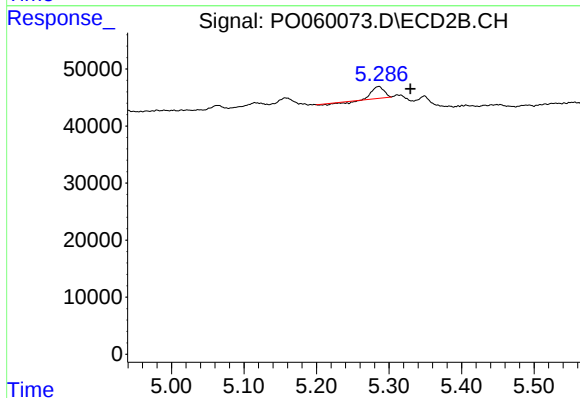
R.T.: 5.286 min
Delta R.T.: -0.044 min
Response: 19554
Conc: 13.66 ng/ml



#26 AR-1254-1

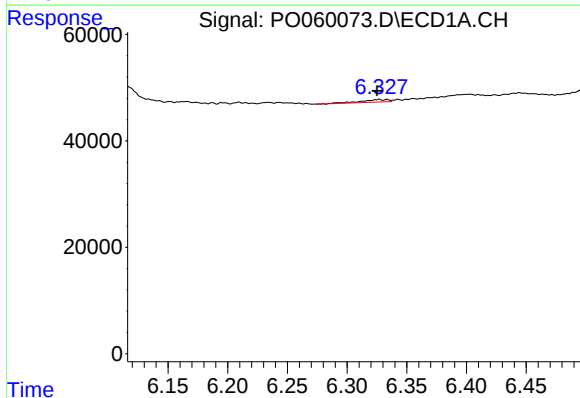
R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 192014
Conc: 92.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



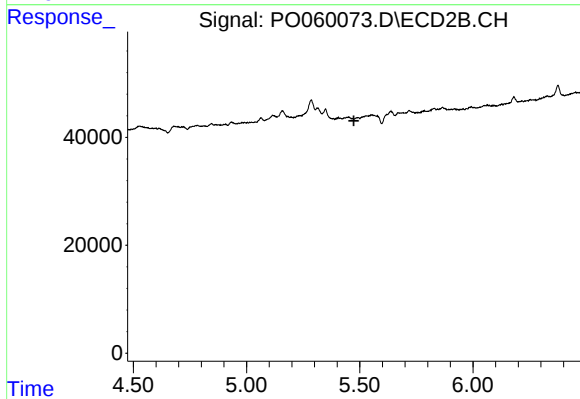
#26 AR-1254-1

R.T.: 5.286 min
Delta R.T.: -0.044 min
Response: 19554
Conc: 8.24 ng/ml



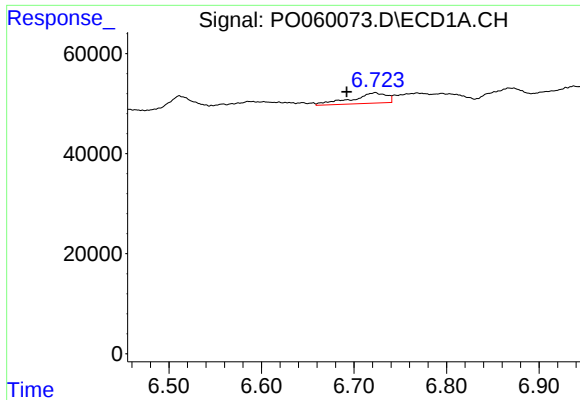
#27 AR-1254-2

R.T.: 6.327 min
Delta R.T.: 0.002 min
Response: 7521
Conc: 2.25 ng/ml



#27 AR-1254-2

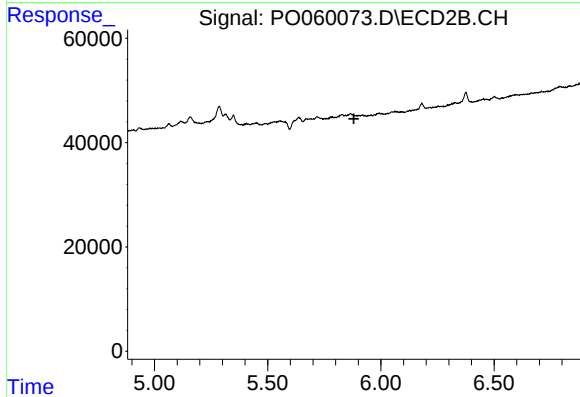
R.T.: 0.000 min
Exp R.T.: 5.474 min
Response: 0
Conc: N.D.



#28 AR-1254-3

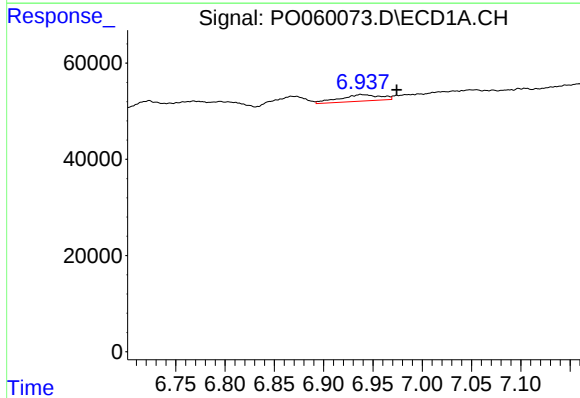
R.T.: 6.722 min
Delta R.T.: 0.030 min
Response: 54069
Conc: 15.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



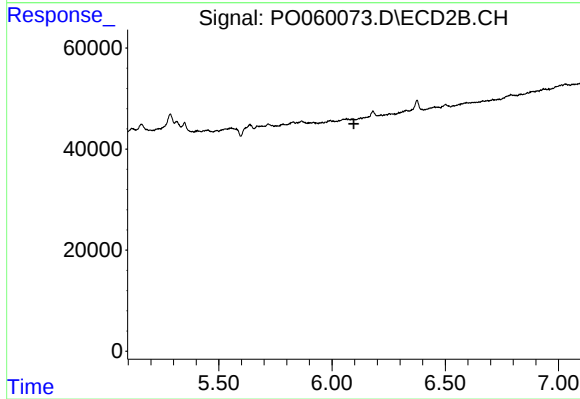
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



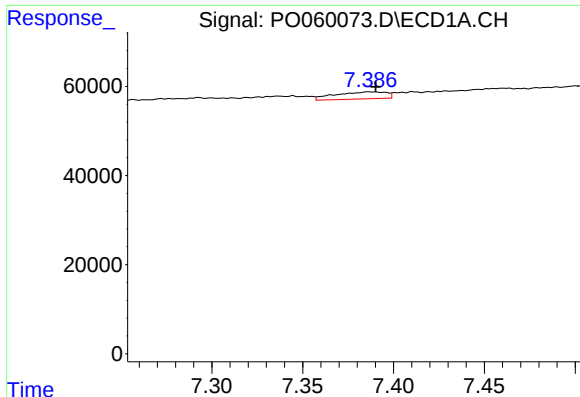
#29 AR-1254-4

R.T.: 6.939 min
Delta R.T.: -0.035 min
Response: 38690
Conc: 13.14 ng/ml



#29 AR-1254-4

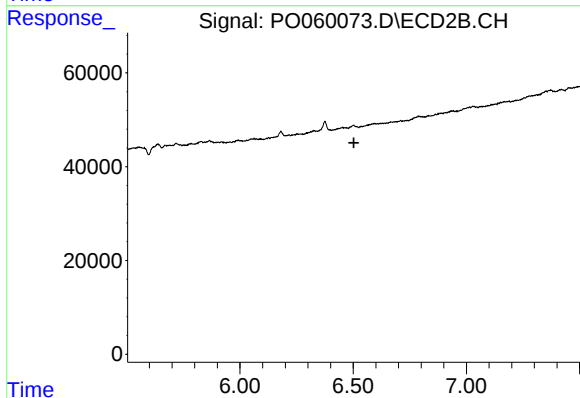
R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#30 AR-1254-5

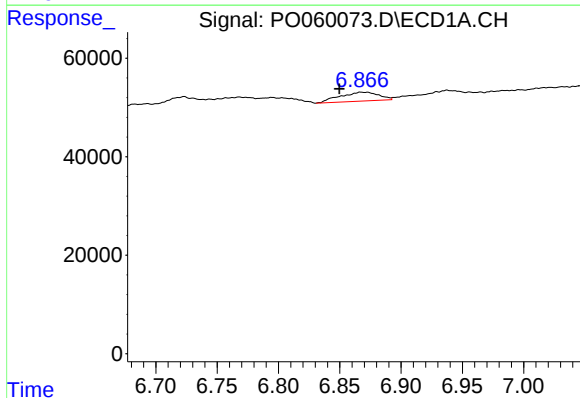
R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 31210
Conc: 10.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



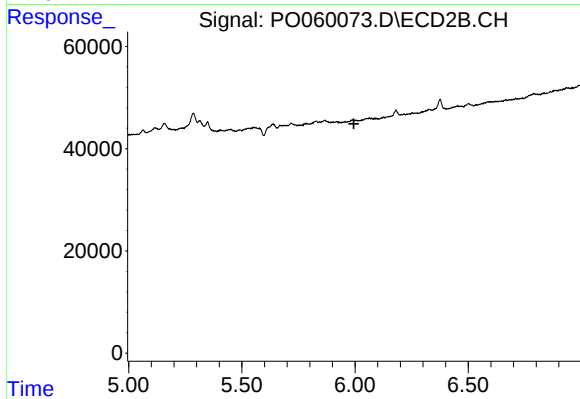
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



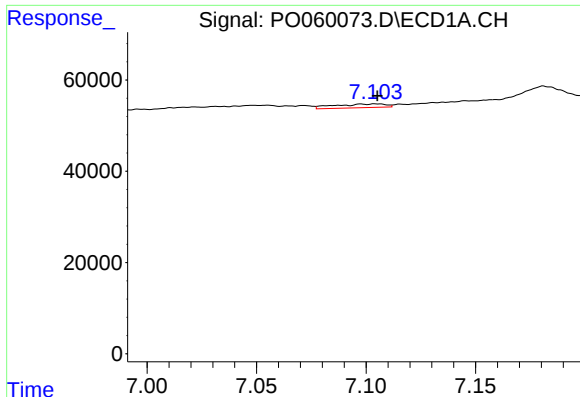
#31 AR-1260-1

R.T.: 6.870 min
Delta R.T.: 0.020 min
Response: 39512
Conc: 14.66 ng/ml



#31 AR-1260-1

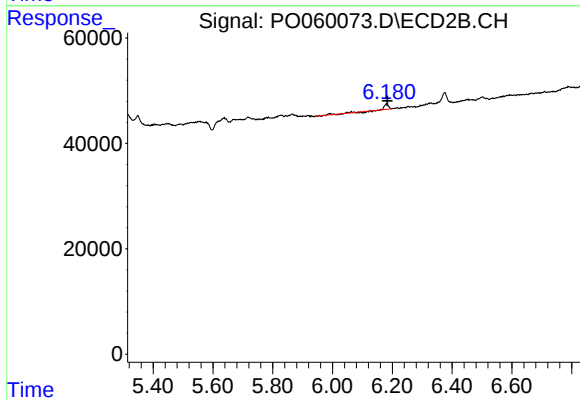
R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



#32 AR-1260-2

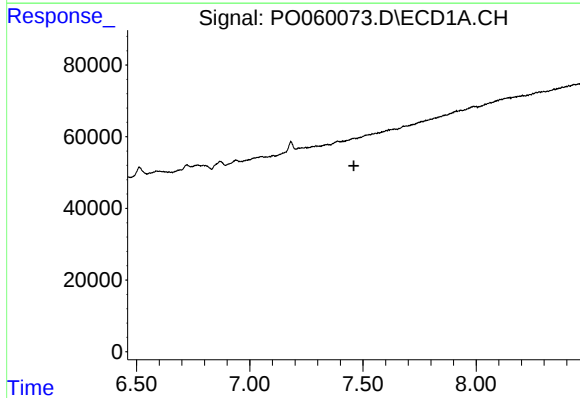
R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 13439
Conc: 3.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



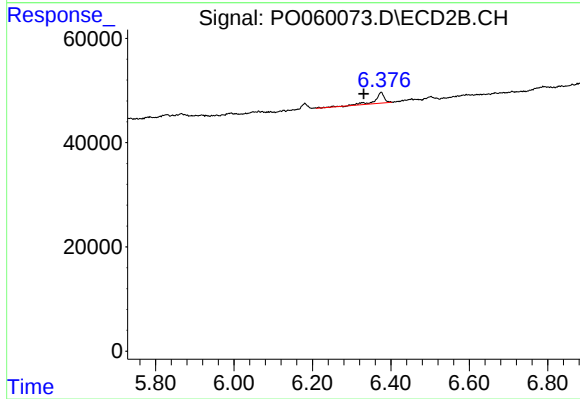
#32 AR-1260-2

R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 8488
Conc: 2.90 ng/ml



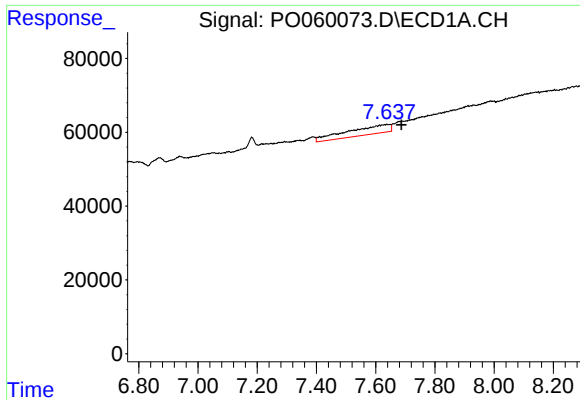
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.460 min
Response: 0
Conc: N.D.



#33 AR-1260-3

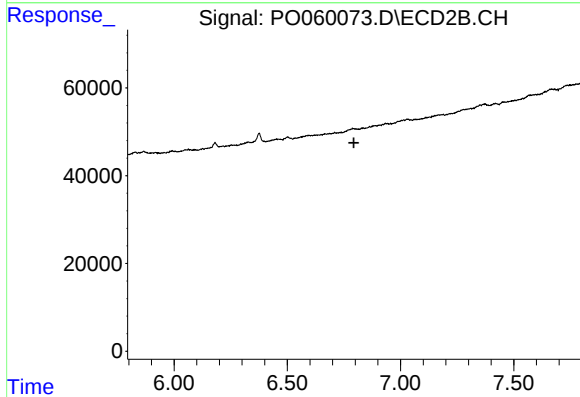
R.T.: 6.375 min
Delta R.T.: 0.045 min
Response: 36332
Conc: 13.71 ng/ml



#34 AR-1260-4

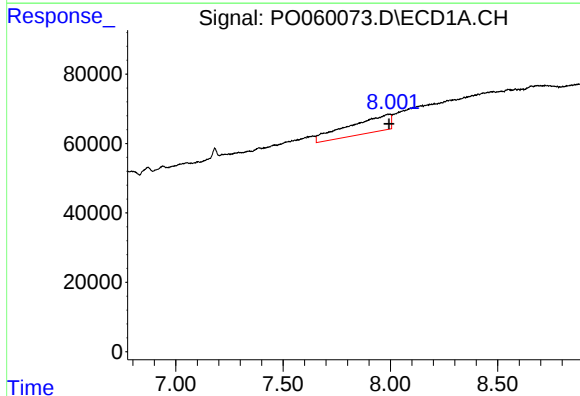
R.T.: 7.639 min
Delta R.T.: -0.048 min
Response: 251231
Conc: 81.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



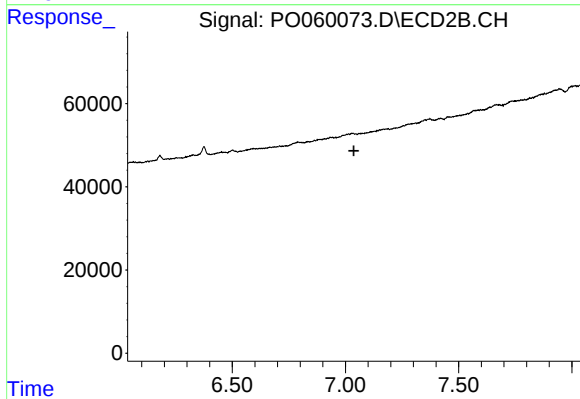
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.



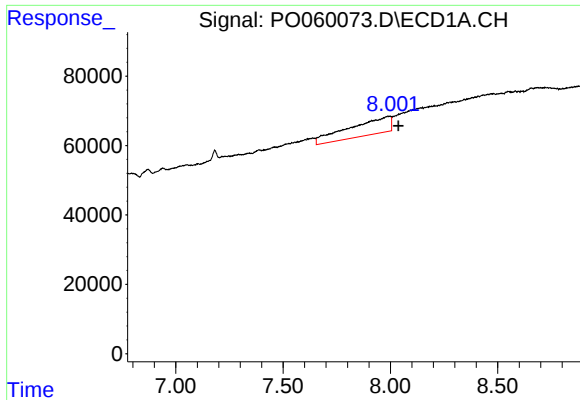
#35 AR-1260-5

R.T.: 7.989 min
Delta R.T.: -0.005 min
Response: 665455
Conc: 93.98 ng/ml



#35 AR-1260-5

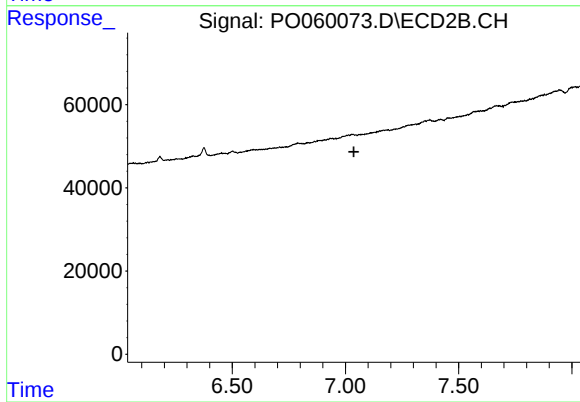
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#37 AR-1262-2

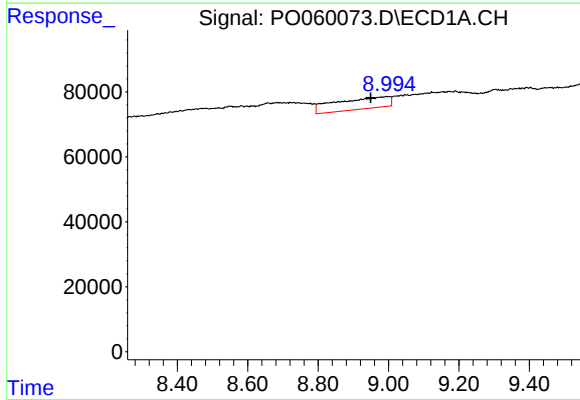
R.T.: 7.989 min
Delta R.T.: -0.048 min
Response: 665455
Conc: 86.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



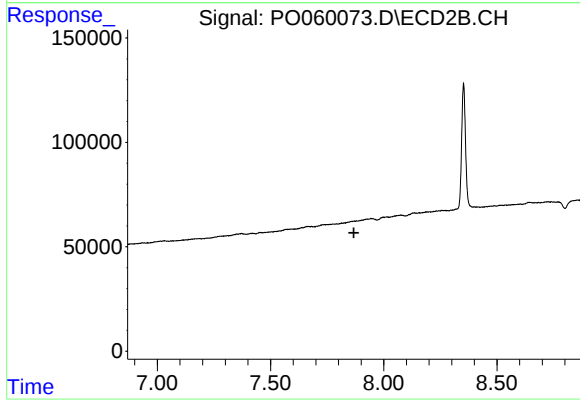
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 7.037 min
Response: 0
Conc: N.D.



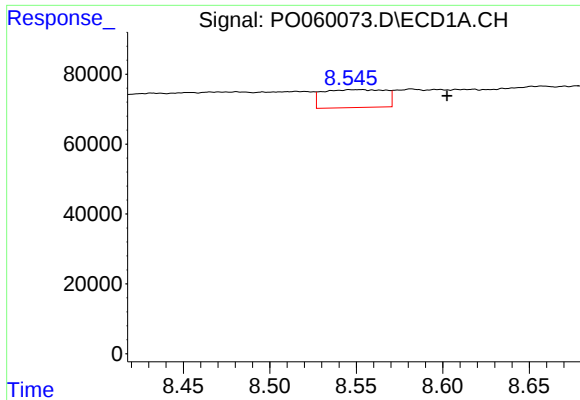
#40 AR-1262-5

R.T.: 8.995 min
Delta R.T.: 0.046 min
Response: 377007
Conc: 146.89 ng/ml



#40 AR-1262-5

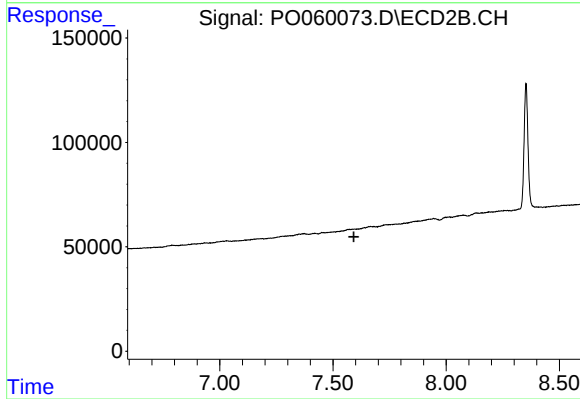
R.T.: 0.000 min
Exp R.T.: 7.868 min
Response: 0
Conc: N.D.



#43 AR-1268-3

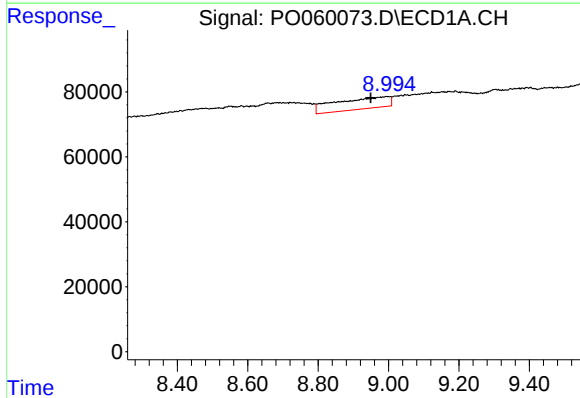
R.T.: 8.550 min
Delta R.T.: -0.052 min
Response: 128837
Conc: 18.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



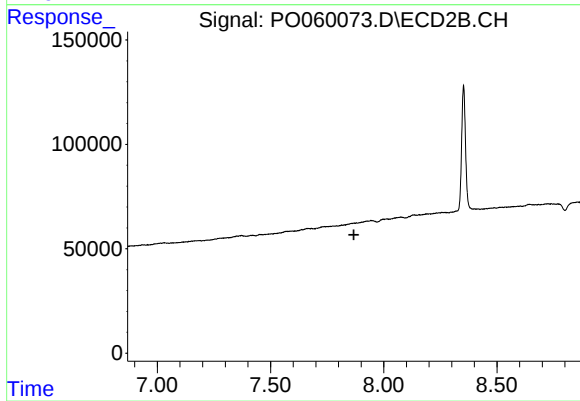
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



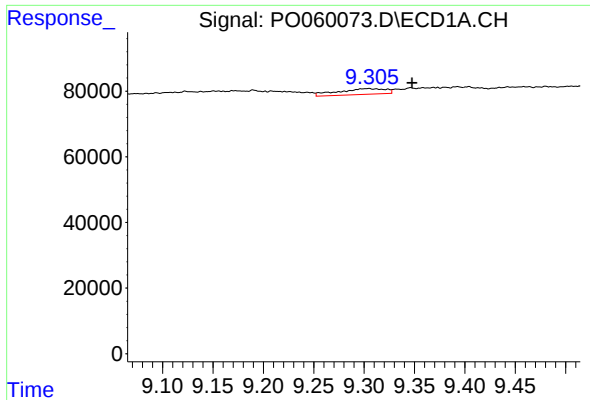
#44 AR-1268-4

R.T.: 8.995 min
Delta R.T.: 0.046 min
Response: 377007
Conc: 135.61 ng/ml



#44 AR-1268-4

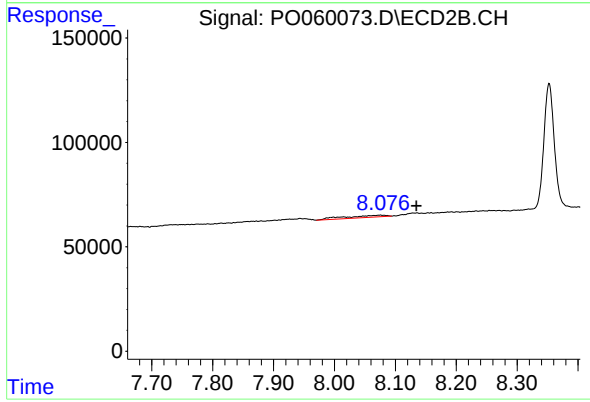
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.303 min
Delta R.T.: -0.044 min
Response: 57368
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.075 min
Delta R.T.: -0.059 min
Response: 45698
Conc: 3.15 ng/ml