

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072519\
 Data File : P0058368.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jul 2019 19:43
 Operator : SM/AJ
 Sample : K2646-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 COMP-4

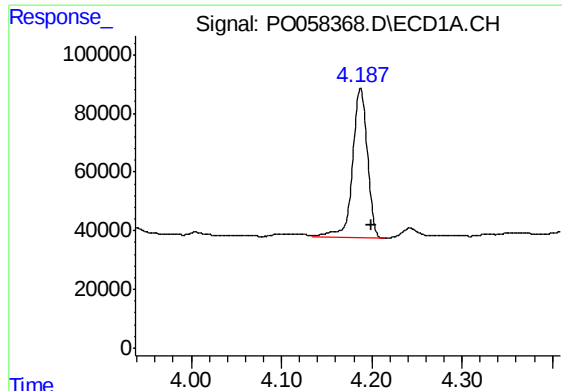
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 01:23:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation 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	3.531	594134	781278	17.533	24.359 #
2)	SA Decachlor...	9.691	8.427	259686	179014	5.076	5.223
Target Compounds							
3)	L1 AR-1016-1	5.312	0.000	10429	0	6.758	N.D. #
4)	L1 AR-1016-2	5.312	0.000	10429	0	4.617	N.D. #
5)	L1 AR-1016-3	5.494	0.000	209499	0	148.027	N.D. #
6)	L1 AR-1016-4	5.566	4.898	197207	22331	173.155	28.685 #
7)	L1 AR-1016-5	5.813	0.000	163963	0	142.940	N.D. #
8)	L2 AR-1221-1	4.432	3.693	27338	120988	66.259	341.721 #
9)	L2 AR-1221-2	4.457	3.823	32996	50407	106.681	190.942 #
10)	L2 AR-1221-3	4.598	3.932	93529	42703	94.162	50.408 #
11)	L3 AR-1232-1	4.598	3.932	93529	42703	113.843	60.577 #
12)	L3 AR-1232-2	5.069	0.000	38138	0	82.463	N.D. #
13)	L3 AR-1232-3	5.312	0.000	10429	0	10.472	N.D. #
14)	L3 AR-1232-4	5.566	4.898	197207	22331	395.474	60.845 #
15)	L3 AR-1232-5	5.608	0.000	112993	0	299.662	N.D. #
16)	L4 AR-1242-1	5.312	0.000	10429	0	8.515	N.D. #
17)	L4 AR-1242-2	5.312	0.000	10429	0	5.680	N.D. #
18)	L4 AR-1242-3	5.494	0.000	209499	0	180.427	N.D. #
19)	L4 AR-1242-4	5.566	4.898	197207	22331	209.169	29.421 #
20)	L4 AR-1242-5	6.252	0.000	87165	0	75.272	N.D. #
21)	L5 AR-1248-1	5.312	0.000	10429	0	11.156	N.D. #
22)	L5 AR-1248-2	5.608	4.898	112993	22331	83.857	21.914 #
23)	L5 AR-1248-3	5.813	4.898	163963	22331	105.765	21.244 #
24)	L5 AR-1248-4	6.209	0.000	422583	0	215.841	N.D. #
25)	L5 AR-1248-5	6.252	0.000	87165	0	45.735	N.D. #
26)	L6 AR-1254-1	6.209	0.000	422583	0	215.034	N.D. #
27)	L6 AR-1254-2	6.406	5.581	175776	115849	53.770	63.930
28)	L6 AR-1254-3	6.792	5.963	361160	31953	102.376	10.911 #
29)	L6 AR-1254-4	7.096	6.092	154849	25717	52.335	13.919 #
30)	L6 AR-1254-5	7.426	0.000	105680	0	36.004	N.D. #
31)	L7 AR-1260-1	6.897	6.092	27631	25717	11.047	12.699
32)	L7 AR-1260-2	7.174	0.000	131458	0	37.390	N.D. #
33)	L7 AR-1260-3	7.611	0.000	162061	0	55.194	N.D. #
36)	L8 AR-1262-1	7.611	0.000	162061	0	29.333	N.D. #
39)	L8 AR-1262-4	8.491	0.000	158812	0	34.808	N.D. #
42)	L9 AR-1268-2	8.491	0.000	158812	0	17.339	N.D. #
43)	L9 AR-1268-3	0.000	7.637	0	3738	N.D.	0.621 #
45)	L9 AR-1268-5	0.000	8.198	0	123496	N.D.	7.406 #

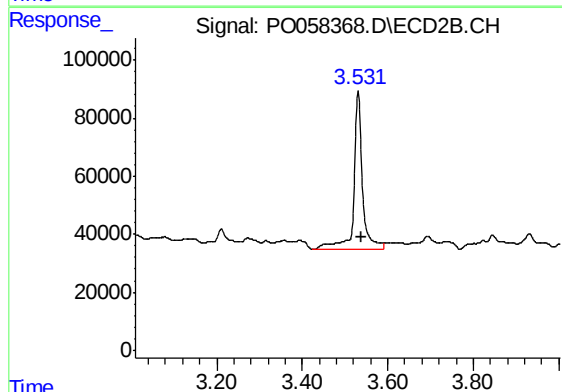
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

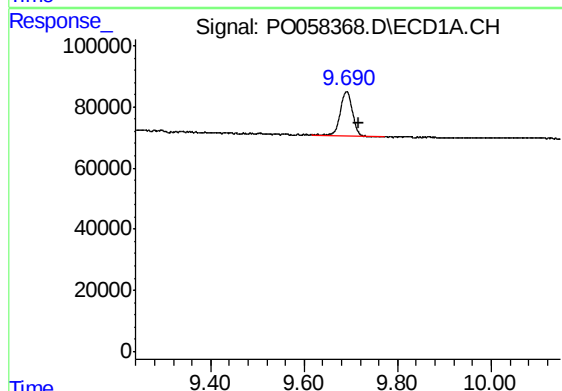
R.T.: 4.188 min
Delta R.T.: -0.012 min
Response: 594134
Conc: 17.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



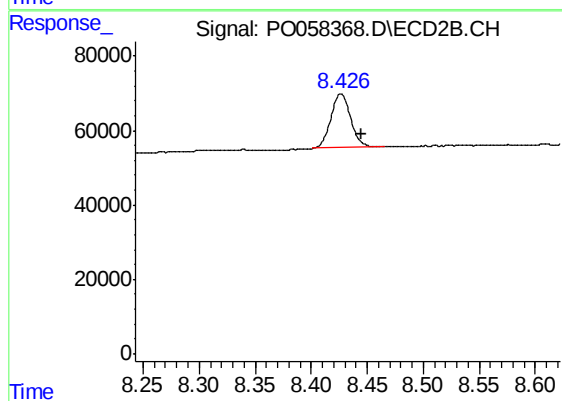
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.009 min
Response: 781278
Conc: 24.36 ng/ml



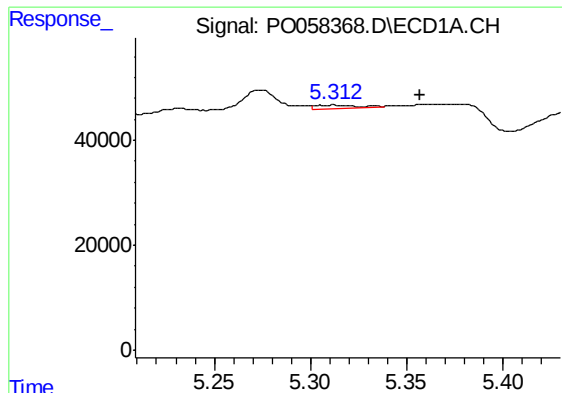
#2 Decachlorobiphenyl

R.T.: 9.691 min
Delta R.T.: -0.027 min
Response: 259686
Conc: 5.08 ng/ml



#2 Decachlorobiphenyl

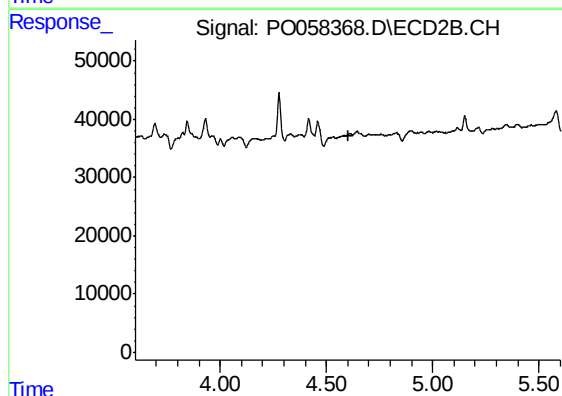
R.T.: 8.427 min
Delta R.T.: -0.019 min
Response: 179014
Conc: 5.22 ng/ml



#3 AR-1016-1

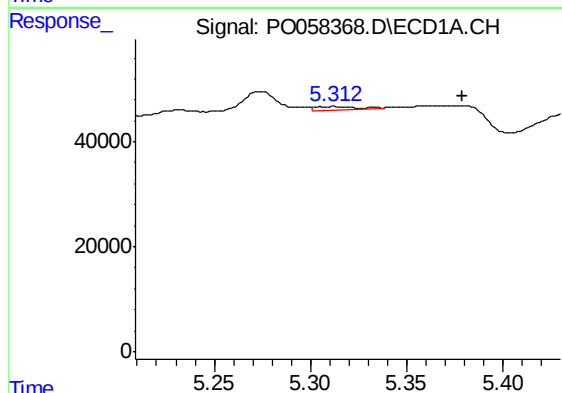
R.T.: 5.312 min
Delta R.T.: -0.045 min
Response: 10429
Conc: 6.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



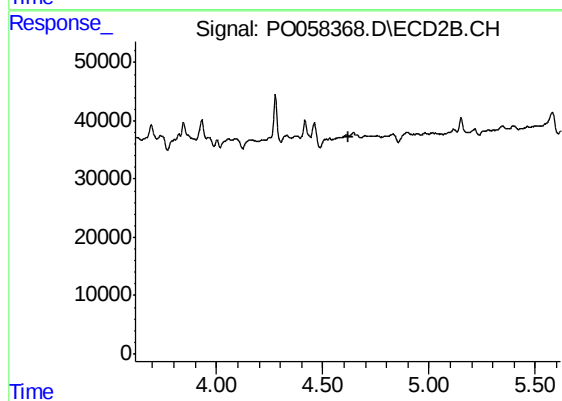
#3 AR-1016-1

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



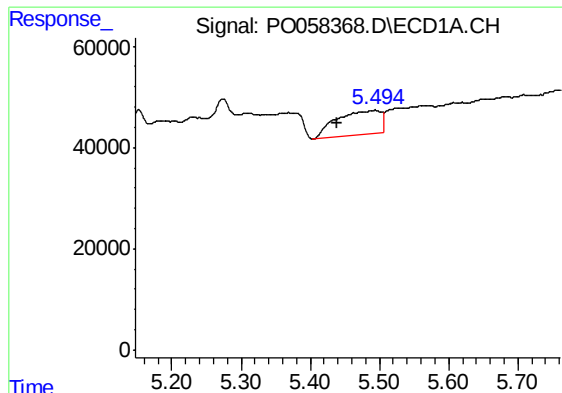
#4 AR-1016-2

R.T.: 5.312 min
Delta R.T.: -0.067 min
Response: 10429
Conc: 4.62 ng/ml



#4 AR-1016-2

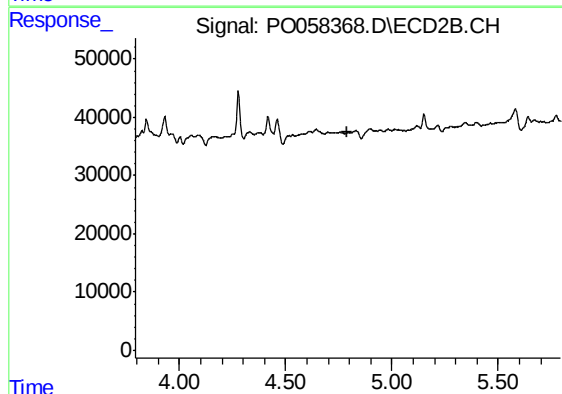
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#5 AR-1016-3

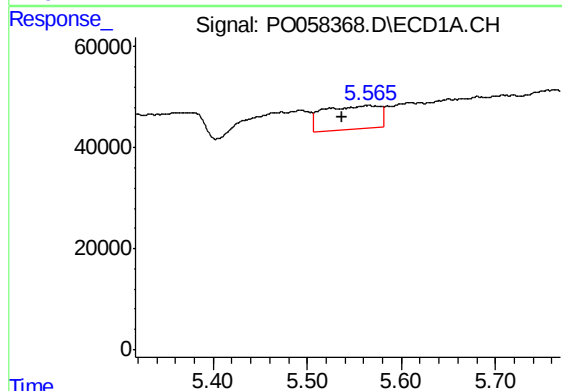
R.T.: 5.494 min
Delta R.T.: 0.055 min
Response: 209499
Conc: 148.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



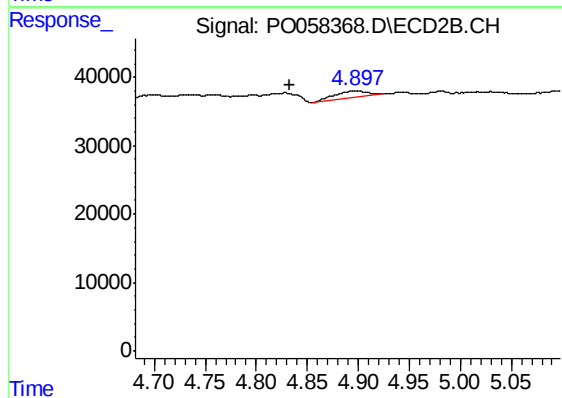
#5 AR-1016-3

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



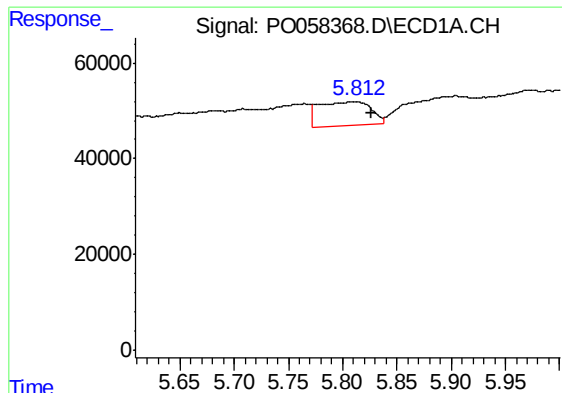
#6 AR-1016-4

R.T.: 5.566 min
Delta R.T.: 0.028 min
Response: 197207
Conc: 173.15 ng/ml



#6 AR-1016-4

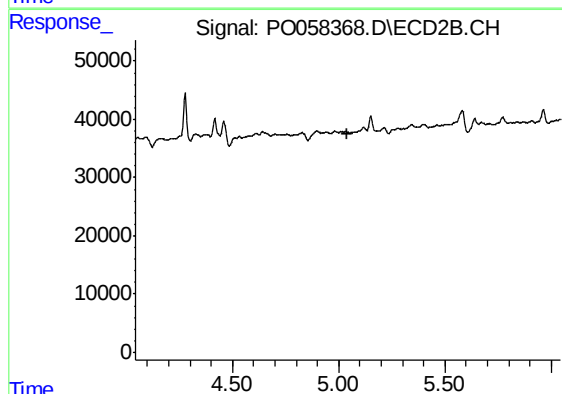
R.T.: 4.898 min
Delta R.T.: 0.065 min
Response: 22331
Conc: 28.69 ng/ml



#7 AR-1016-5

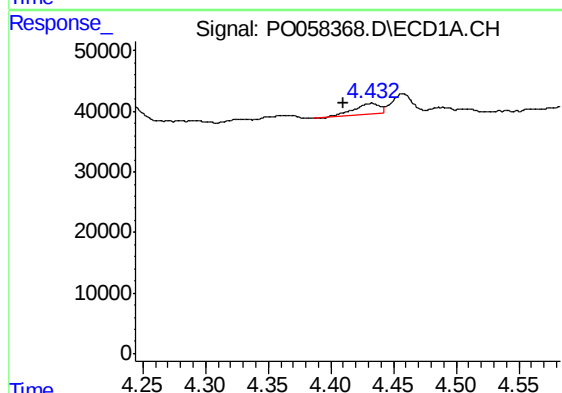
R.T.: 5.813 min
Delta R.T.: -0.013 min
Response: 163963
Conc: 142.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



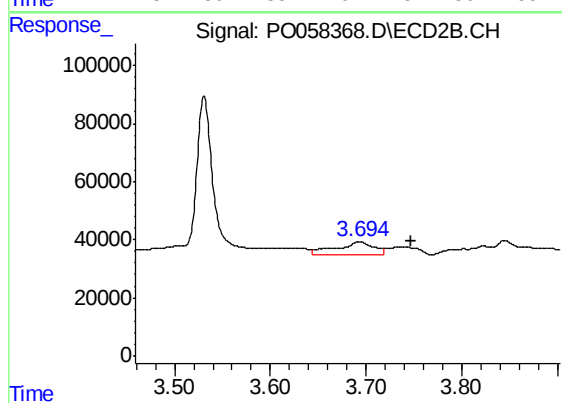
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



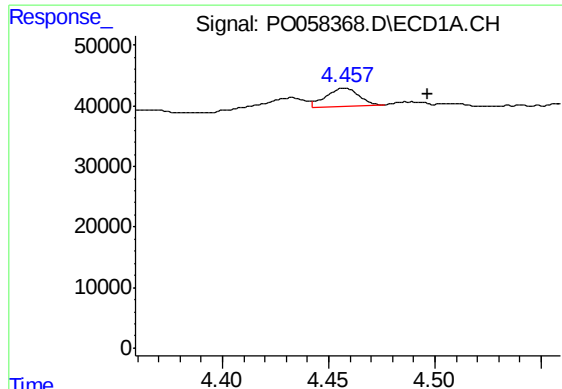
#8 AR-1221-1

R.T.: 4.432 min
Delta R.T.: 0.022 min
Response: 27338
Conc: 66.26 ng/ml



#8 AR-1221-1

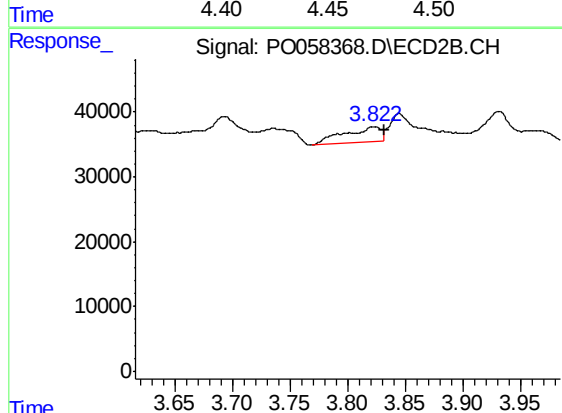
R.T.: 3.693 min
Delta R.T.: -0.054 min
Response: 120988
Conc: 341.72 ng/ml



#9 AR-1221-2

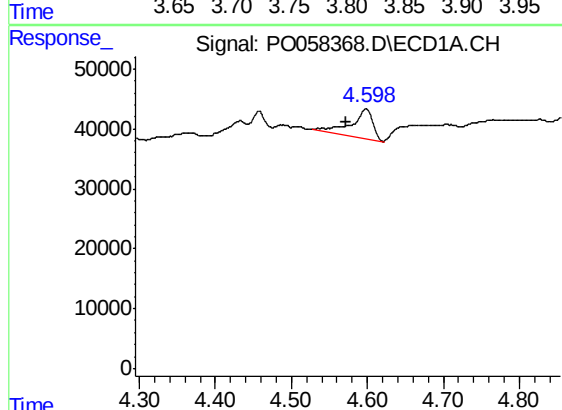
R.T.: 4.457 min
Delta R.T.: -0.039 min
Response: 32996
Conc: 106.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



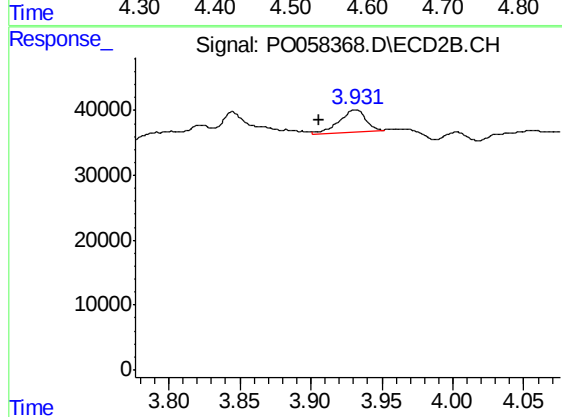
#9 AR-1221-2

R.T.: 3.823 min
Delta R.T.: -0.009 min
Response: 50407
Conc: 190.94 ng/ml



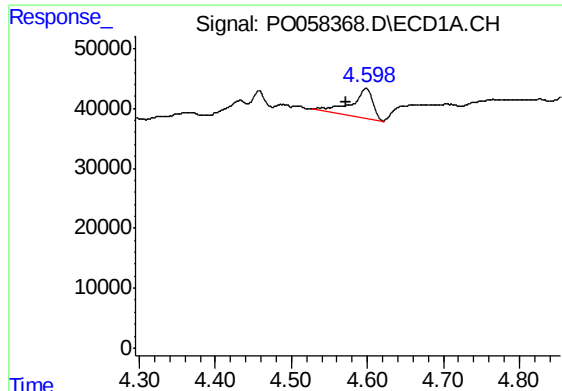
#10 AR-1221-3

R.T.: 4.598 min
Delta R.T.: 0.026 min
Response: 93529
Conc: 94.16 ng/ml



#10 AR-1221-3

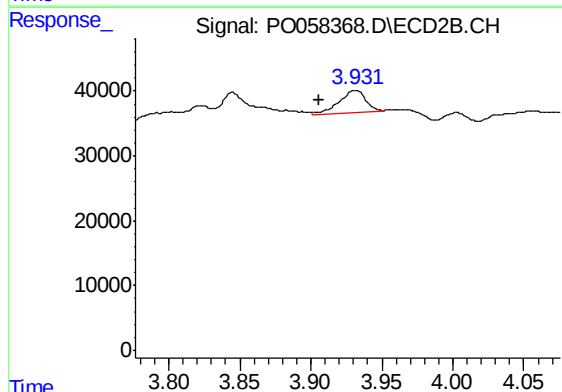
R.T.: 3.932 min
Delta R.T.: 0.026 min
Response: 42703
Conc: 50.41 ng/ml



#11 AR-1232-1

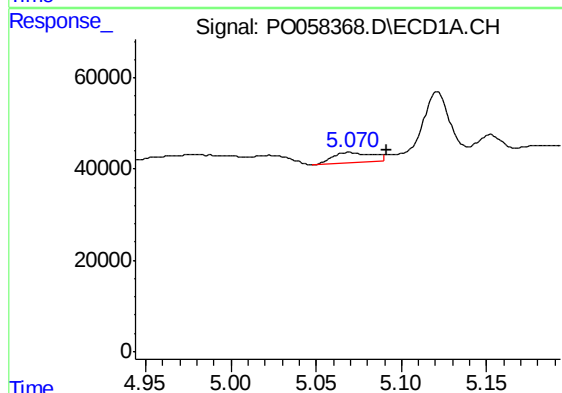
R.T.: 4.598 min
Delta R.T.: 0.026 min
Response: 93529
Conc: 113.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



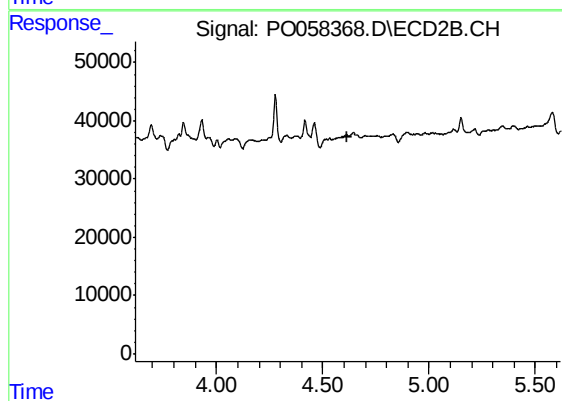
#11 AR-1232-1

R.T.: 3.932 min
Delta R.T.: 0.026 min
Response: 42703
Conc: 60.58 ng/ml



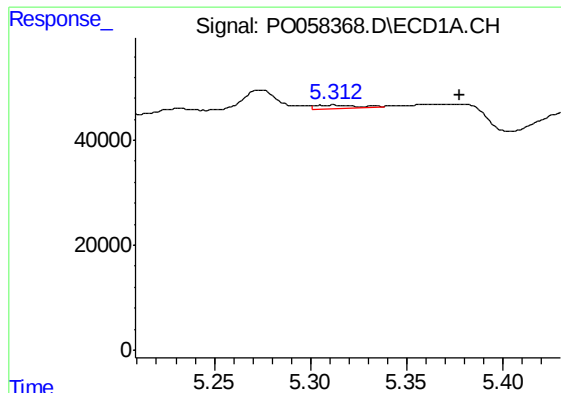
#12 AR-1232-2

R.T.: 5.069 min
Delta R.T.: -0.022 min
Response: 38138
Conc: 82.46 ng/ml



#12 AR-1232-2

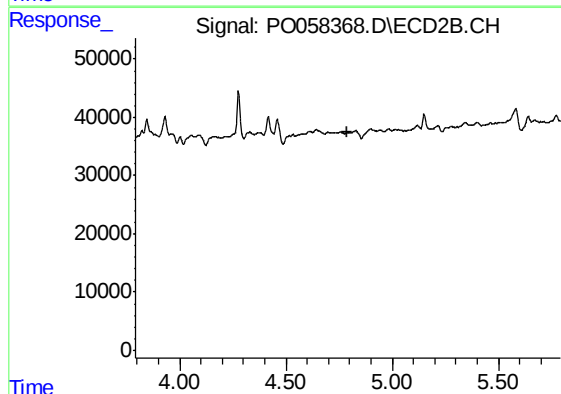
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#13 AR-1232-3

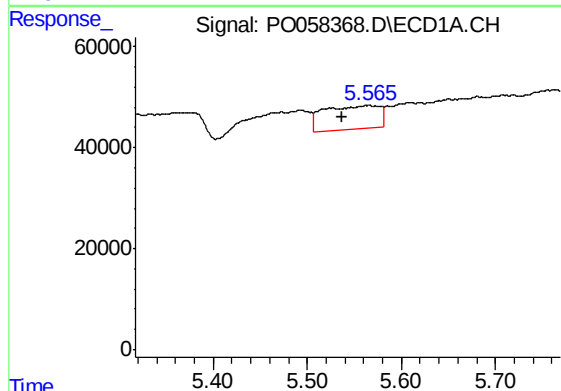
R.T.: 5.312 min
Delta R.T.: -0.066 min
Response: 10429
Conc: 10.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



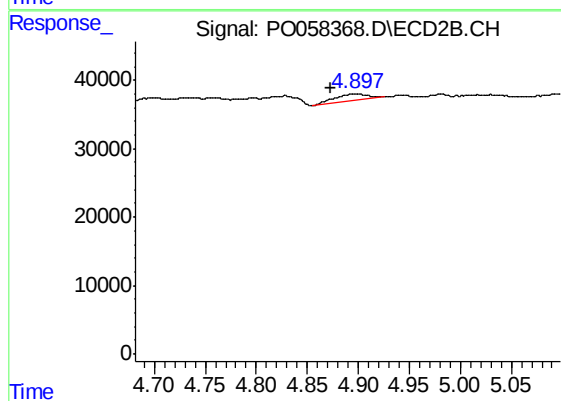
#13 AR-1232-3

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



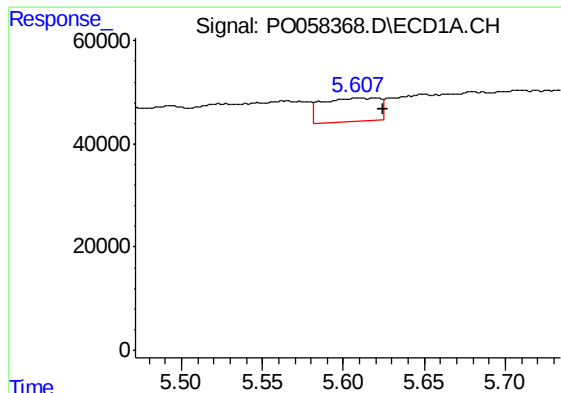
#14 AR-1232-4

R.T.: 5.566 min
Delta R.T.: 0.029 min
Response: 197207
Conc: 395.47 ng/ml



#14 AR-1232-4

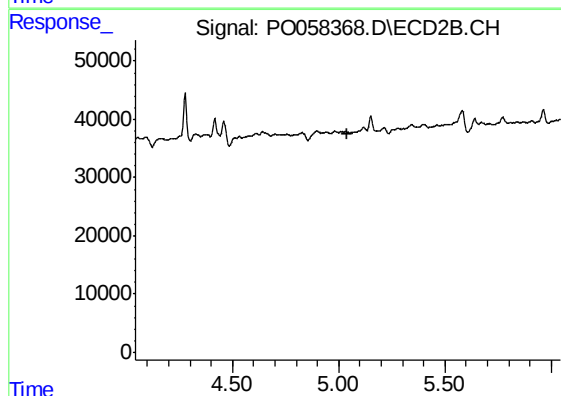
R.T.: 4.898 min
Delta R.T.: 0.024 min
Response: 22331
Conc: 60.85 ng/ml



#15 AR-1232-5

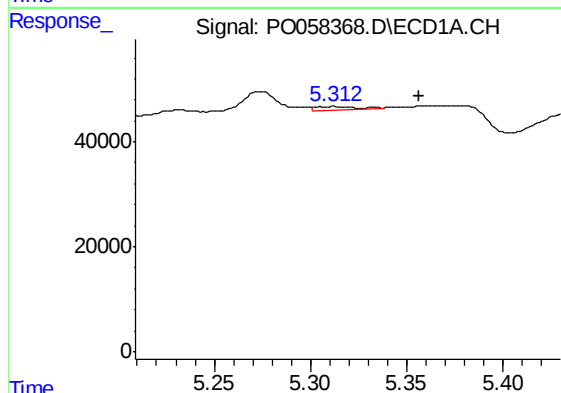
R.T.: 5.608 min
Delta R.T.: -0.016 min
Response: 112993
Conc: 299.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



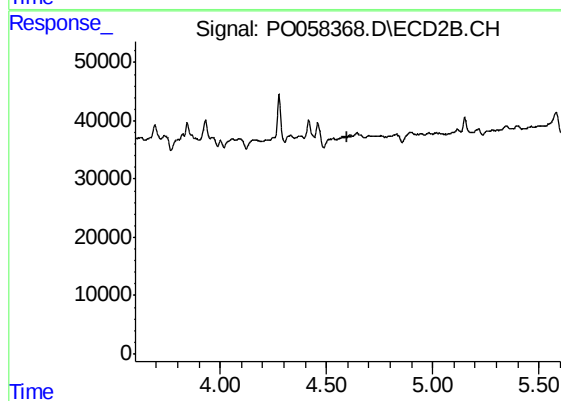
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



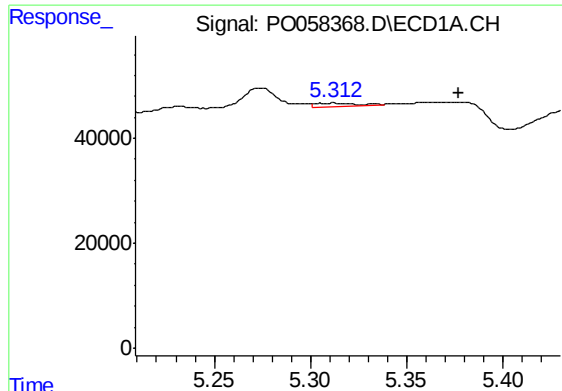
#16 AR-1242-1

R.T.: 5.312 min
Delta R.T.: -0.044 min
Response: 10429
Conc: 8.52 ng/ml



#16 AR-1242-1

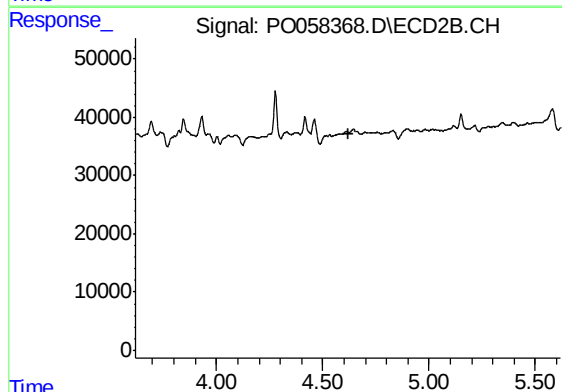
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#17 AR-1242-2

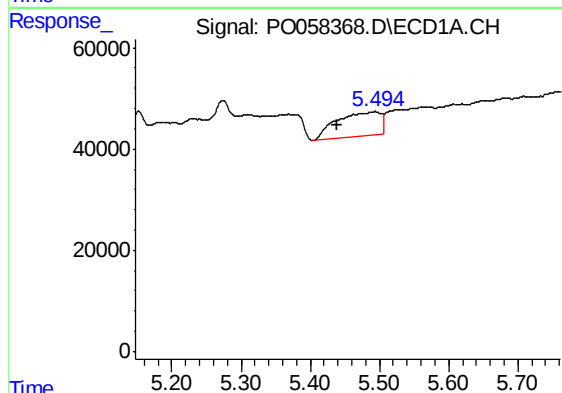
R.T.: 5.312 min
Delta R.T.: -0.065 min
Response: 10429
Conc: 5.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



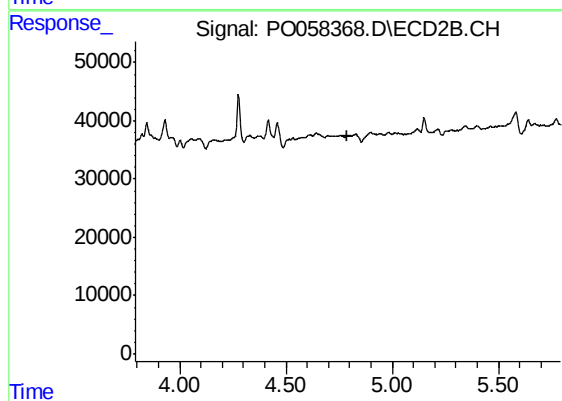
#17 AR-1242-2

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



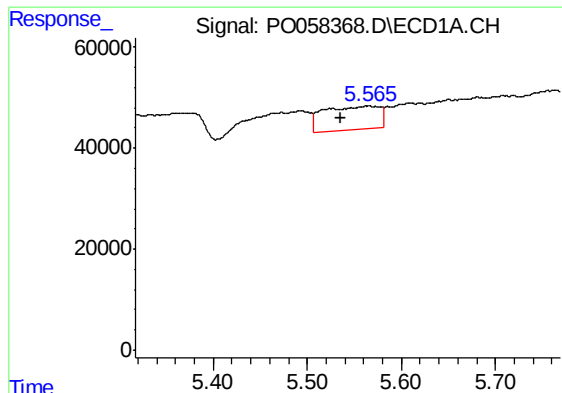
#18 AR-1242-3

R.T.: 5.494 min
Delta R.T.: 0.056 min
Response: 209499
Conc: 180.43 ng/ml



#18 AR-1242-3

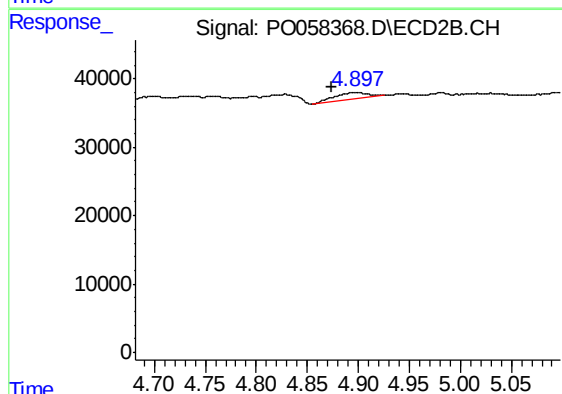
R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



#19 AR-1242-4

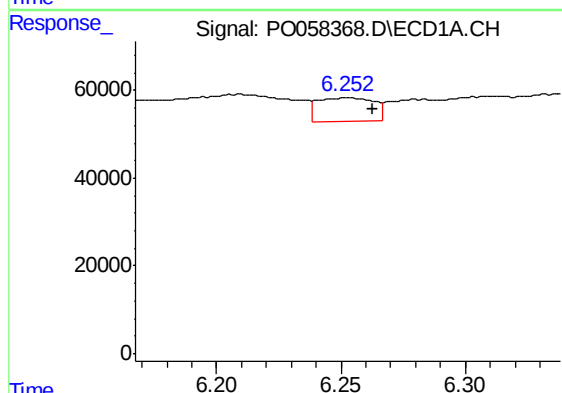
R.T.: 5.566 min
Delta R.T.: 0.030 min
Response: 197207
Conc: 209.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



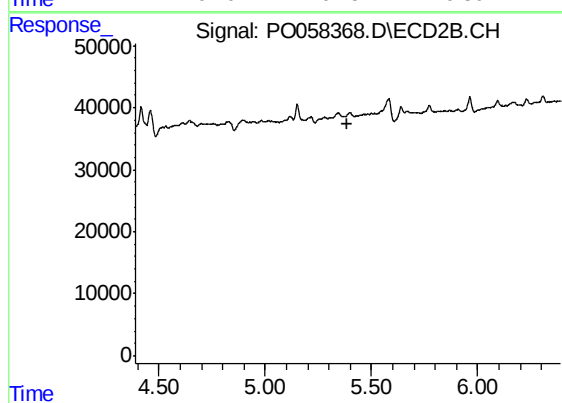
#19 AR-1242-4

R.T.: 4.898 min
Delta R.T.: 0.024 min
Response: 22331
Conc: 29.42 ng/ml



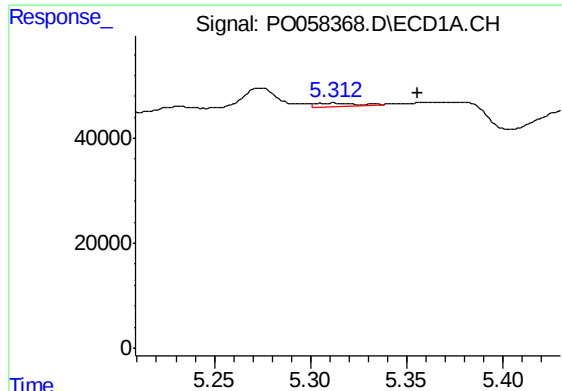
#20 AR-1242-5

R.T.: 6.252 min
Delta R.T.: -0.010 min
Response: 87165
Conc: 75.27 ng/ml



#20 AR-1242-5

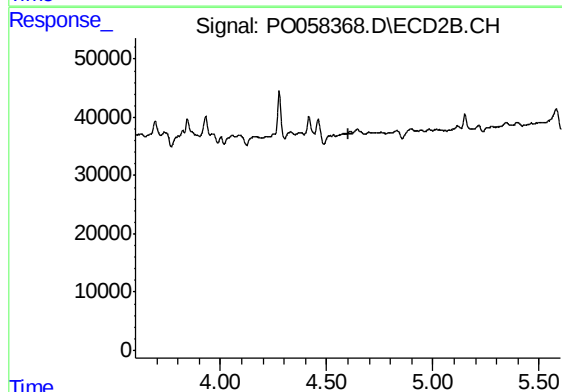
R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



#21 AR-1248-1

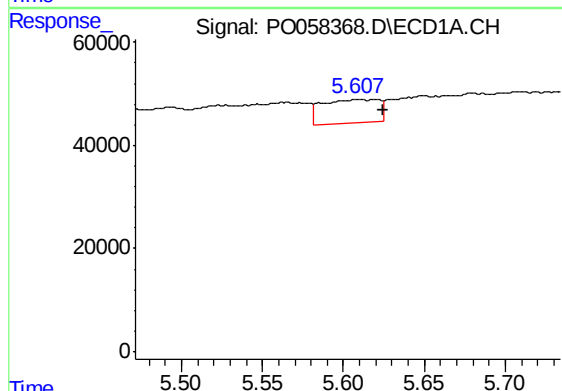
R.T.: 5.312 min
Delta R.T.: -0.044 min
Response: 10429
Conc: 11.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



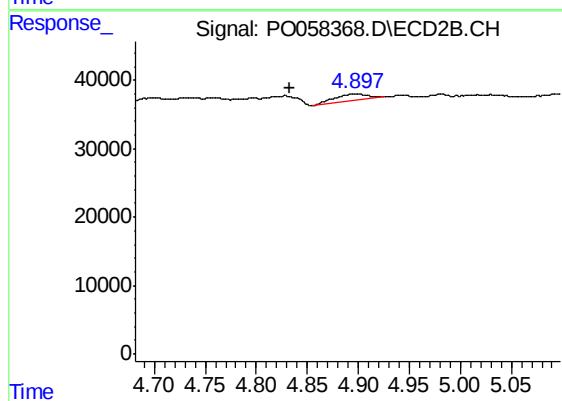
#21 AR-1248-1

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



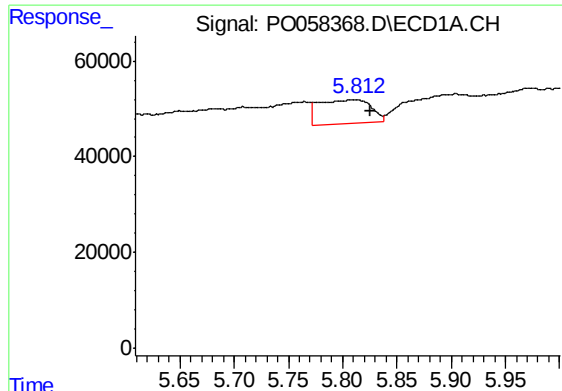
#22 AR-1248-2

R.T.: 5.608 min
Delta R.T.: -0.016 min
Response: 112993
Conc: 83.86 ng/ml



#22 AR-1248-2

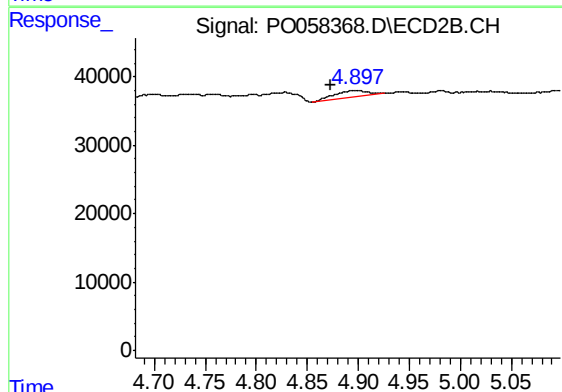
R.T.: 4.898 min
Delta R.T.: 0.065 min
Response: 22331
Conc: 21.91 ng/ml



#23 AR-1248-3

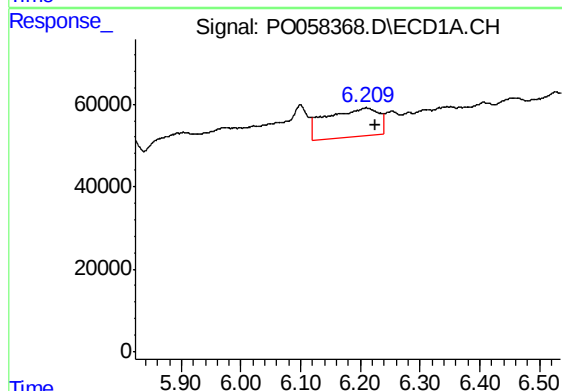
R.T.: 5.813 min
Delta R.T.: -0.012 min
Response: 163963
Conc: 105.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



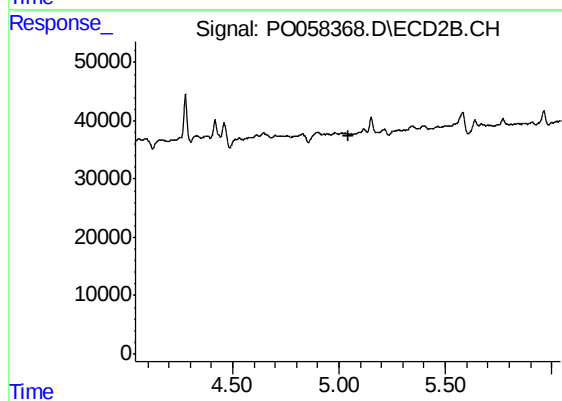
#23 AR-1248-3

R.T.: 4.898 min
Delta R.T.: 0.025 min
Response: 22331
Conc: 21.24 ng/ml



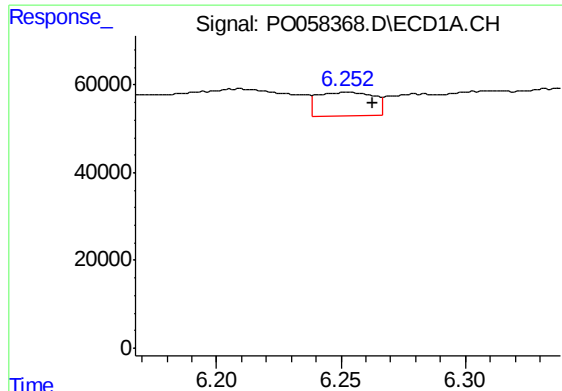
#24 AR-1248-4

R.T.: 6.209 min
Delta R.T.: -0.017 min
Response: 422583
Conc: 215.84 ng/ml



#24 AR-1248-4

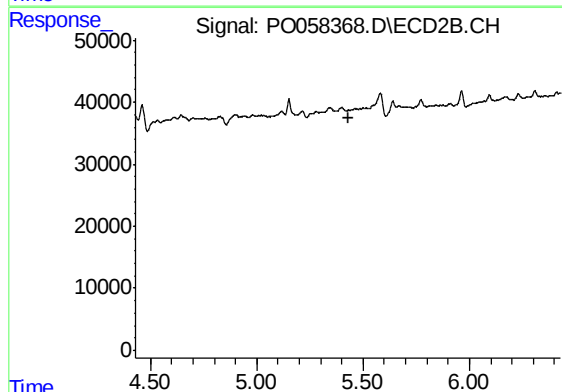
R.T.: 0.000 min
Exp R.T. : 5.042 min
Response: 0
Conc: N.D.



#25 AR-1248-5

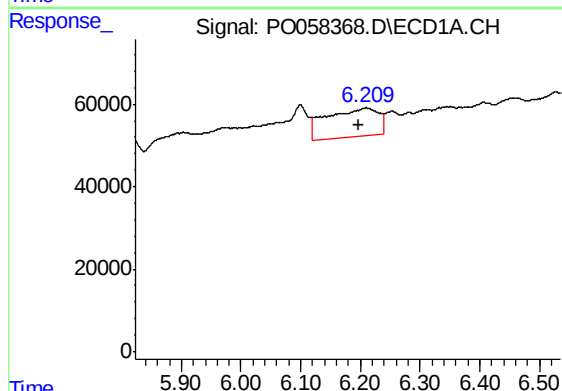
R.T.: 6.252 min
Delta R.T.: -0.010 min
Response: 87165
Conc: 45.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



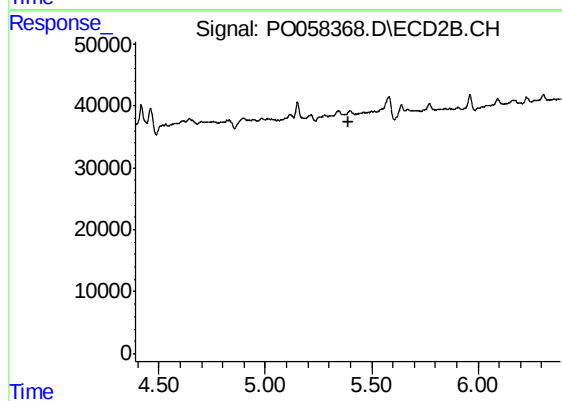
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.429 min
Response: 0
Conc: N.D.



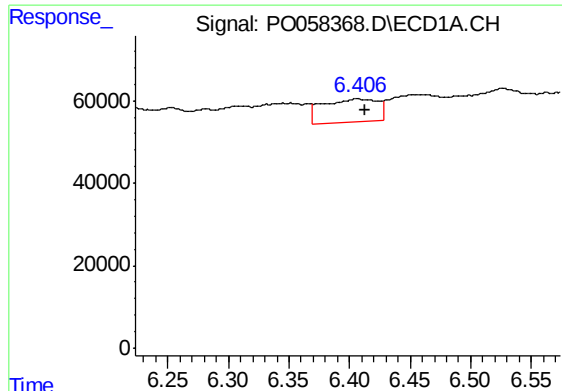
#26 AR-1254-1

R.T.: 6.209 min
Delta R.T.: 0.013 min
Response: 422583
Conc: 215.03 ng/ml



#26 AR-1254-1

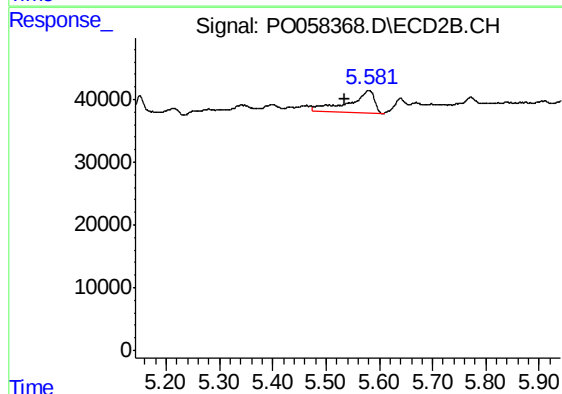
R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



#27 AR-1254-2

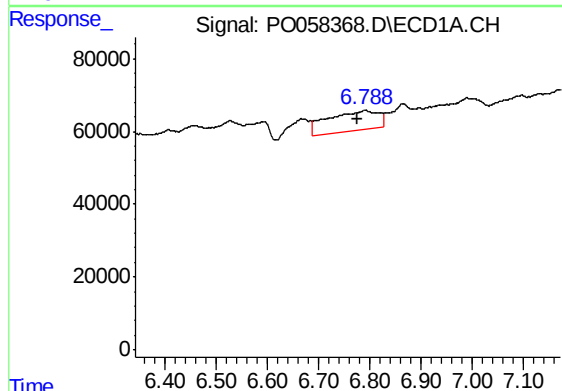
R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 175776
Conc: 53.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



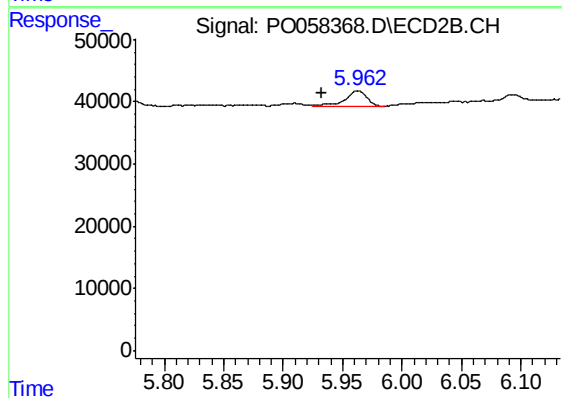
#27 AR-1254-2

R.T.: 5.581 min
Delta R.T.: 0.046 min
Response: 115849
Conc: 63.93 ng/ml



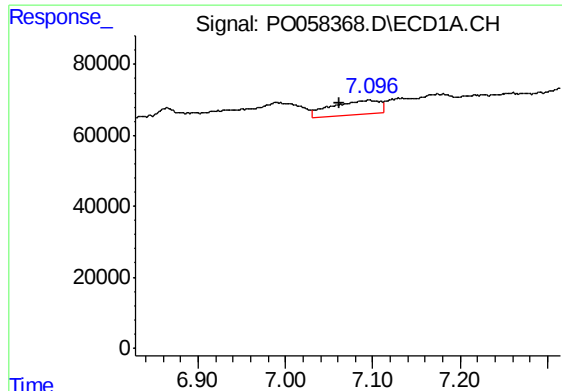
#28 AR-1254-3

R.T.: 6.792 min
Delta R.T.: 0.015 min
Response: 361160
Conc: 102.38 ng/ml



#28 AR-1254-3

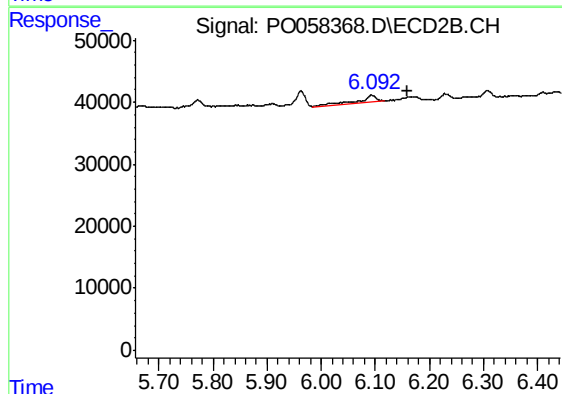
R.T.: 5.963 min
Delta R.T.: 0.031 min
Response: 31953
Conc: 10.91 ng/ml



#29 AR-1254-4

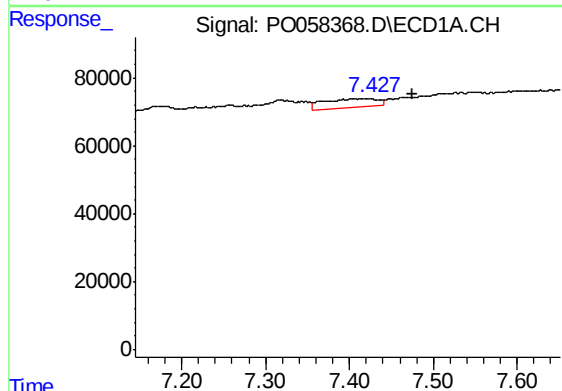
R.T.: 7.096 min
Delta R.T.: 0.035 min
Response: 154849
Conc: 52.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



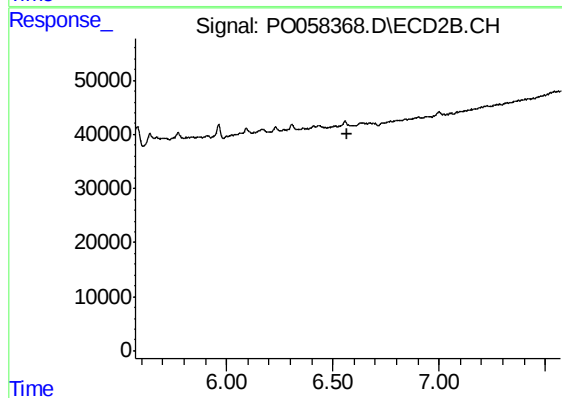
#29 AR-1254-4

R.T.: 6.092 min
Delta R.T.: -0.067 min
Response: 25717
Conc: 13.92 ng/ml



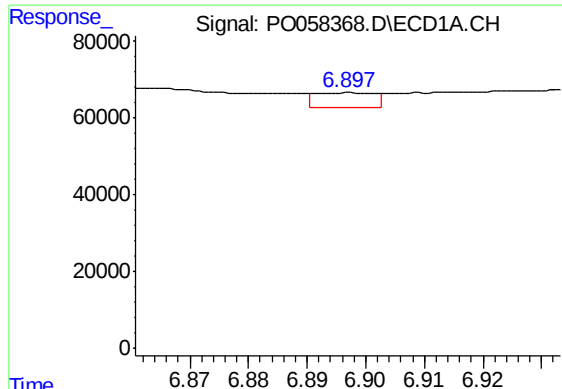
#30 AR-1254-5

R.T.: 7.426 min
Delta R.T.: -0.049 min
Response: 105680
Conc: 36.00 ng/ml



#30 AR-1254-5

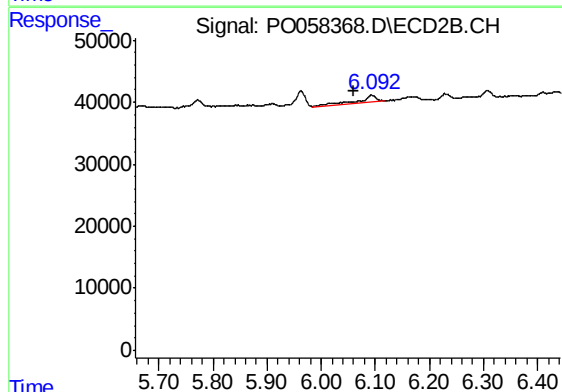
R.T.: 0.000 min
Exp R.T. : 6.571 min
Response: 0
Conc: N.D.



#31 AR-1260-1

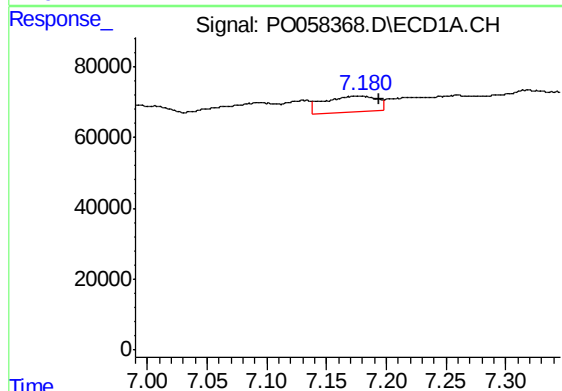
R.T.: 6.897 min
Delta R.T.: -0.041 min
Response: 27631
Conc: 11.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



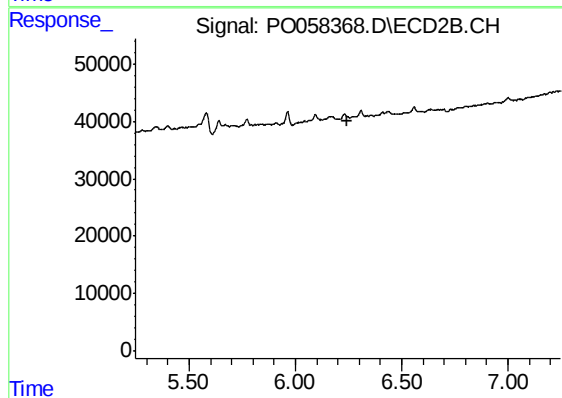
#31 AR-1260-1

R.T.: 6.092 min
Delta R.T.: 0.032 min
Response: 25717
Conc: 12.70 ng/ml



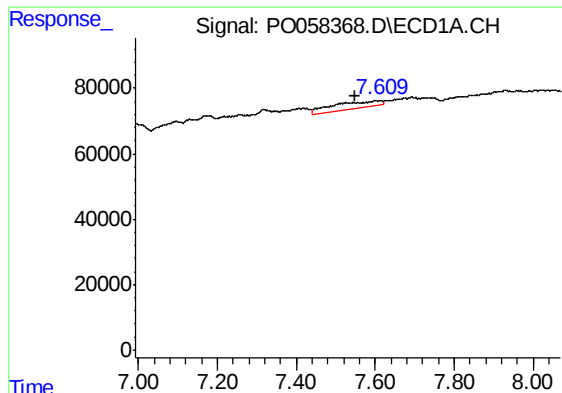
#32 AR-1260-2

R.T.: 7.174 min
Delta R.T.: -0.019 min
Response: 131458
Conc: 37.39 ng/ml



#32 AR-1260-2

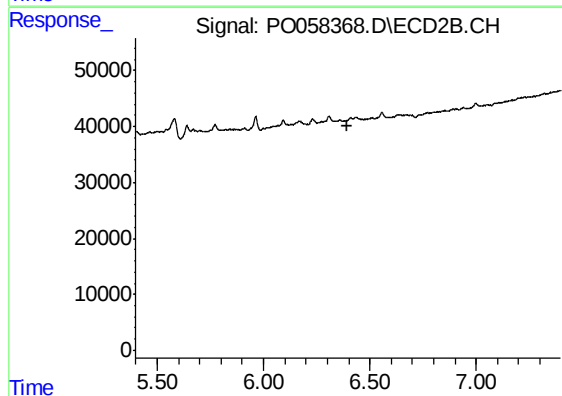
R.T.: 0.000 min
Exp R.T. : 6.247 min
Response: 0
Conc: N.D.



#33 AR-1260-3

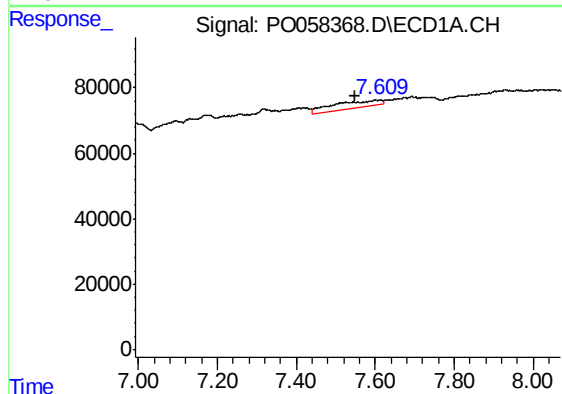
R.T.: 7.611 min
Delta R.T.: 0.063 min
Response: 162061
Conc: 55.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



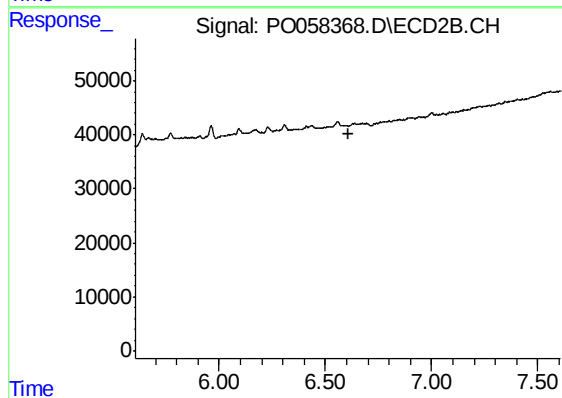
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.397 min
Response: 0
Conc: N.D.



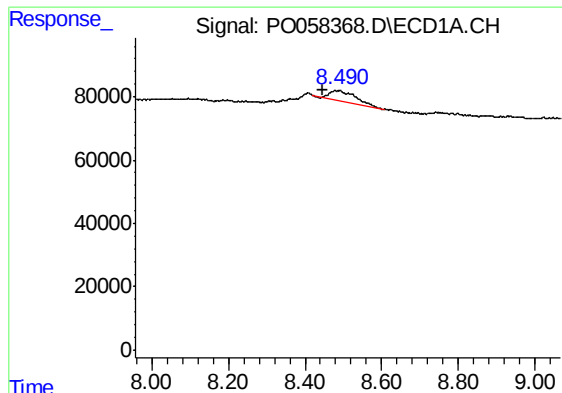
#36 AR-1262-1

R.T.: 7.611 min
Delta R.T.: 0.063 min
Response: 162061
Conc: 29.33 ng/ml



#36 AR-1262-1

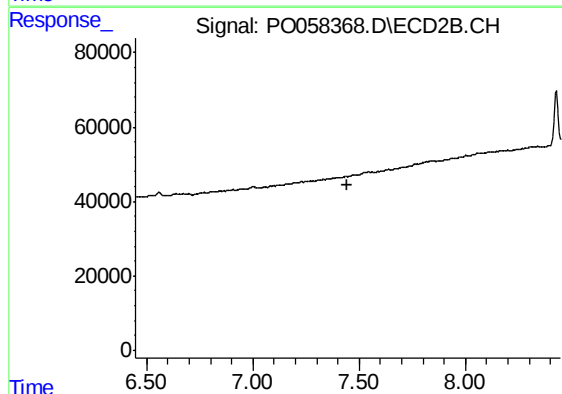
R.T.: 0.000 min
Exp R.T. : 6.606 min
Response: 0
Conc: N.D.



#39 AR-1262-4

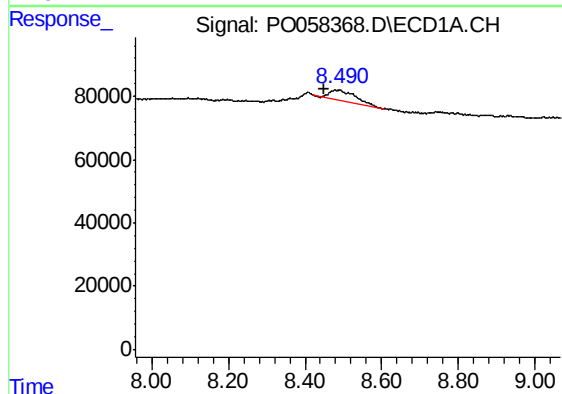
R.T.: 8.491 min
Delta R.T.: 0.044 min
Response: 158812
Conc: 34.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-4



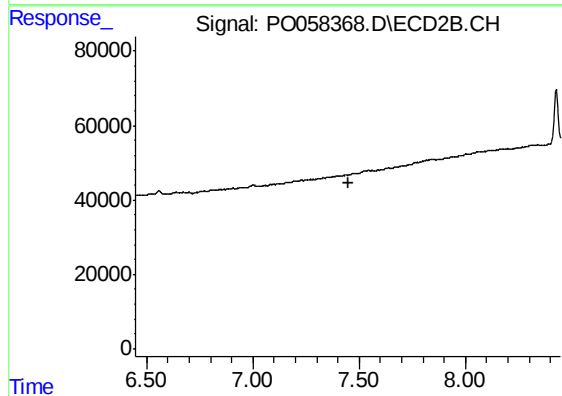
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.447 min
Response: 0
Conc: N.D.



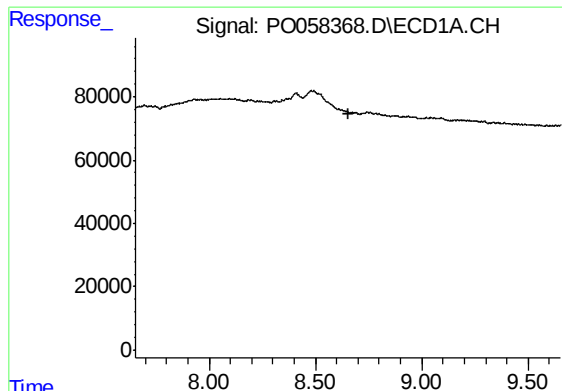
#42 AR-1268-2

R.T.: 8.491 min
Delta R.T.: 0.042 min
Response: 158812
Conc: 17.34 ng/ml



#42 AR-1268-2

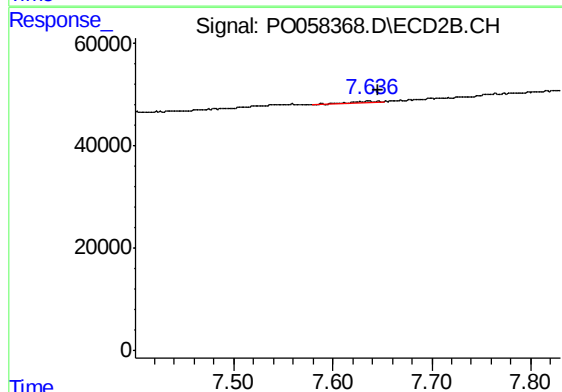
R.T.: 0.000 min
Exp R.T. : 7.447 min
Response: 0
Conc: N.D.



#43 AR-1268-3

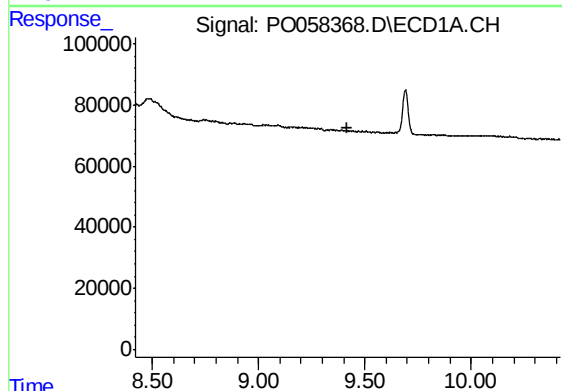
R.T.: 0.000 min
Exp R.T. : 8.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-4



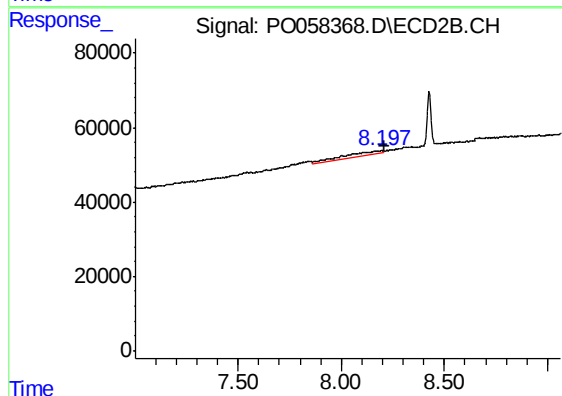
#43 AR-1268-3

R.T.: 7.637 min
Delta R.T.: -0.009 min
Response: 3738
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.420 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.198 min
Delta R.T.: -0.013 min
Response: 123496
Conc: 7.41 ng/ml