

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
 Data File : P0060421.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Sep 2019 13:01
 Operator : SM/AJ
 Sample : K4720-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 17:04:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 16:33:49 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...	4.108	3.487	169636	152133	4.845	4.226
2)	SA Decachlor...	9.554	8.337	248430	178391	4.670	4.424
Target Compounds							
3)	L1 AR-1016-1	5.268	0.000	6958	0	4.338	N.D. #
4)	L1 AR-1016-2	5.268	0.000	6958	0	2.908	N.D. #
5)	L1 AR-1016-3	5.321	0.000	9670	0	6.492	N.D. #
6)	L1 AR-1016-4	5.391	0.000	7180	0	5.936	N.D. #
7)	L1 AR-1016-5	5.750	0.000	8222	0	6.403	N.D. #
12)	L3 AR-1232-2	5.017	0.000	2290	0	3.242	N.D. #
13)	L3 AR-1232-3	5.321	0.000	9670	0	6.315	N.D. #
14)	L3 AR-1232-4	5.549	0.000	5158	0	6.597	N.D. #
15)	L3 AR-1232-5	5.549	0.000	5158	0	8.581	N.D. #
16)	L4 AR-1242-1	5.321	0.000	9670	0	7.617	N.D. #
17)	L4 AR-1242-2	5.321	0.000	9670	0	5.211	N.D. #
18)	L4 AR-1242-3	5.359	0.000	4057	0	3.471	N.D. #
19)	L4 AR-1242-4	5.549	0.000	5158	0	5.329	N.D. #
21)	L5 AR-1248-1	5.268	0.000	6958	0	6.940	N.D. #
22)	L5 AR-1248-2	5.549	0.000	5158	0	3.555	N.D. #
23)	L5 AR-1248-3	5.667	0.000	2738	0	1.647	N.D. #
24)	L5 AR-1248-4	6.116	0.000	23757	0	11.622	N.D. #
25)	L5 AR-1248-5	6.116	0.000	23757	0	11.980	N.D. #
26)	L6 AR-1254-1	6.116	0.000	23757	0	11.386	N.D. #
27)	L6 AR-1254-2	6.304	0.000	18195	0	5.454	N.D. #
28)	L6 AR-1254-3	6.719	0.000	7306	0	2.059	N.D. #
29)	L6 AR-1254-4	6.945	0.000	16474	0	5.593	N.D. #
30)	L6 AR-1254-5	7.362	6.487	104232	49959	33.706	16.090 #
31)	L7 AR-1260-1	6.820	0.000	21420	0	7.946	N.D. #
32)	L7 AR-1260-2	7.075	0.000	33789	0	9.106	N.D. #
33)	L7 AR-1260-3	7.430	0.000	50129	0	15.300	N.D. #
34)	L7 AR-1260-4	7.658	0.000	169775	0	55.278	N.D. #
35)	L7 AR-1260-5	7.966	7.015	324358	43314	45.807	7.871 #
36)	L8 AR-1262-1	7.489	6.487	44022	49959	9.071	13.403 #
37)	L8 AR-1262-2	0.000	7.015	0	43314	N.D.	7.368 #
38)	L8 AR-1262-3	8.267	7.302	620111	-786	121.536	N.D. #
39)	L8 AR-1262-4	8.331	7.353	154870	26461	40.176	5.988 #
40)	L8 AR-1262-5	8.918	0.000	222744	0	86.787	N.D. #
41)	L9 AR-1268-1	8.267	7.302	620111	-786	65.895	N.D. #
42)	L9 AR-1268-2	8.331	7.353	154870	26461	19.647	4.104 #
43)	L9 AR-1268-3	8.626	0.000	171321	0	24.305	N.D. #
44)	L9 AR-1268-4	8.918	0.000	222744	0	80.122	N.D. #
45)	L9 AR-1268-5	9.339	0.000	25055	0	1.359	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
Data File : P0060421.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 06 Sep 2019 13:01
Operator : SM/AJ
Sample : K4720-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

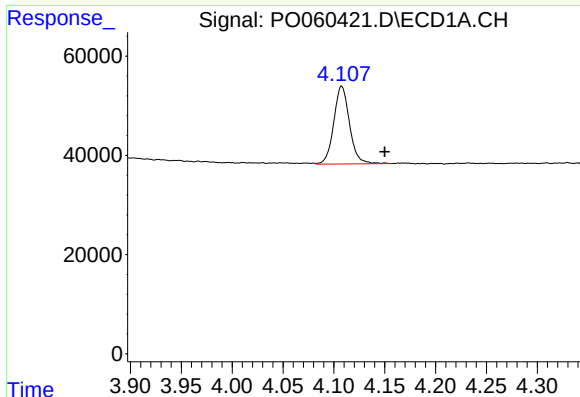
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 17:04:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 16:33:49 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
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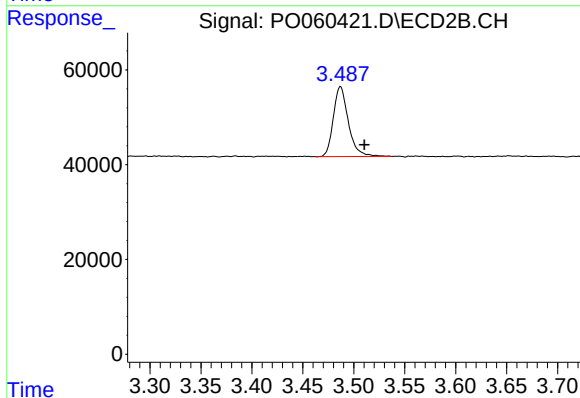
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

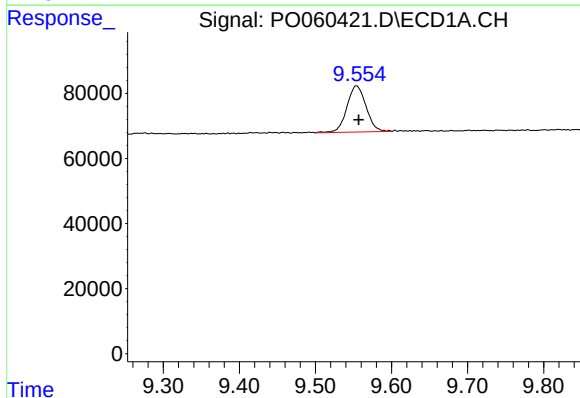
R.T.: 4.108 min
Delta R.T.: -0.042 min
Response: 169636
Conc: 4.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



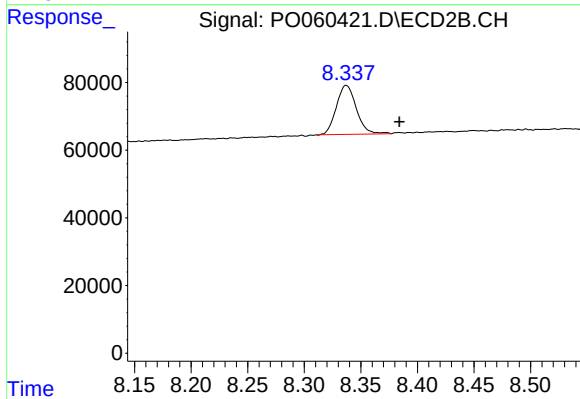
#1 Tetrachloro-m-xylene

R.T.: 3.487 min
Delta R.T.: -0.023 min
Response: 152133
Conc: 4.23 ng/ml



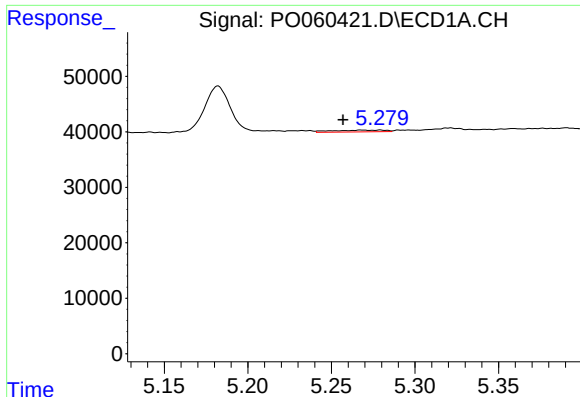
#2 Decachlorobiphenyl

R.T.: 9.554 min
Delta R.T.: -0.003 min
Response: 248430
Conc: 4.67 ng/ml



#2 Decachlorobiphenyl

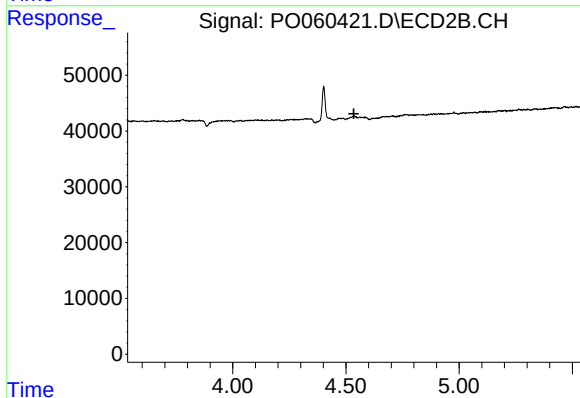
R.T.: 8.337 min
Delta R.T.: -0.047 min
Response: 178391
Conc: 4.42 ng/ml



#3 AR-1016-1

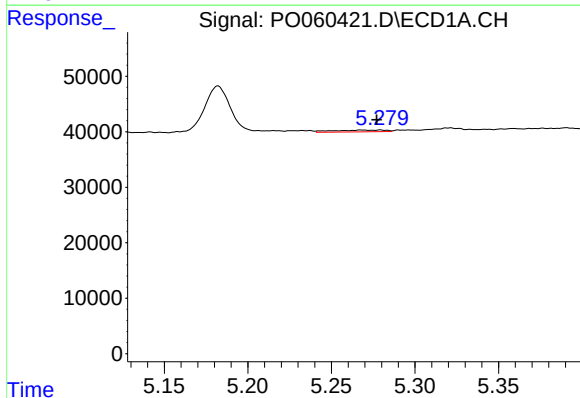
R.T.: 5.268 min
Delta R.T.: 0.011 min
Response: 6958
Conc: 4.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



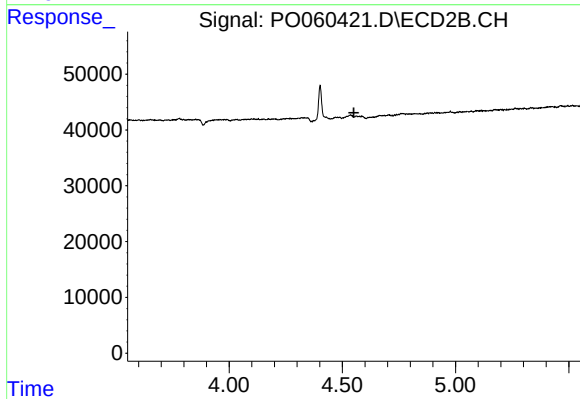
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.535 min
Response: 0
Conc: N.D.



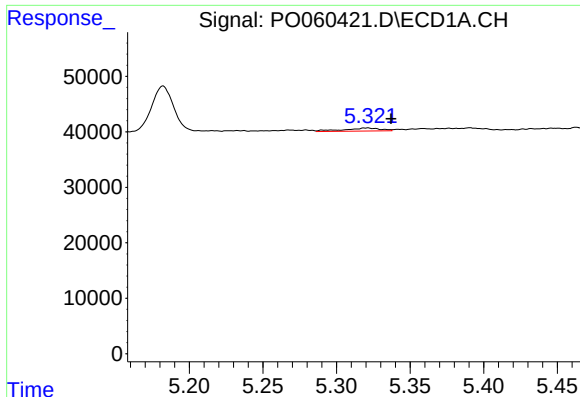
#4 AR-1016-2

R.T.: 5.268 min
Delta R.T.: -0.009 min
Response: 6958
Conc: 2.91 ng/ml



#4 AR-1016-2

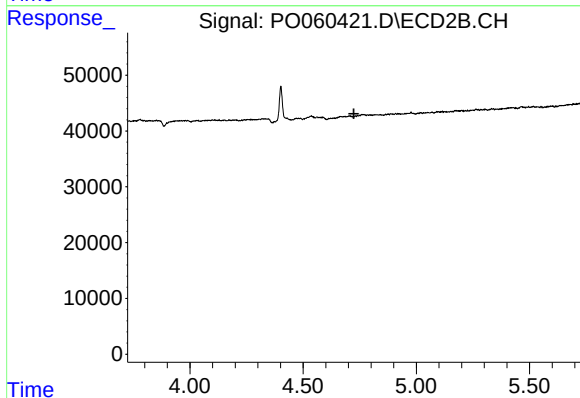
R.T.: 0.000 min
Exp R.T. : 4.551 min
Response: 0
Conc: N.D.



#5 AR-1016-3

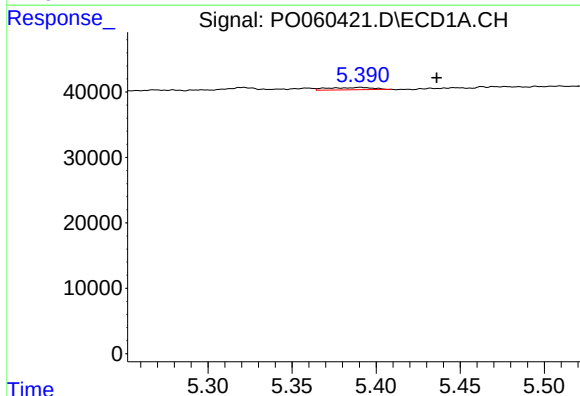
R.T.: 5.321 min
Delta R.T.: -0.016 min
Response: 9670
Conc: 6.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



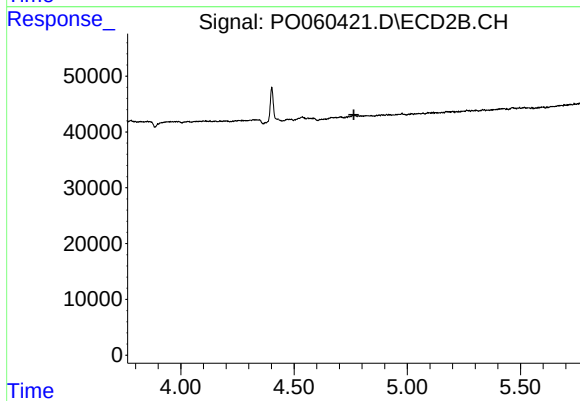
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.724 min
Response: 0
Conc: N.D.



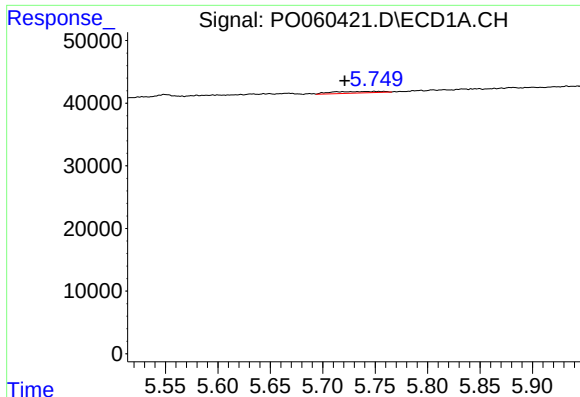
#6 AR-1016-4

R.T.: 5.391 min
Delta R.T.: -0.045 min
Response: 7180
Conc: 5.94 ng/ml



#6 AR-1016-4

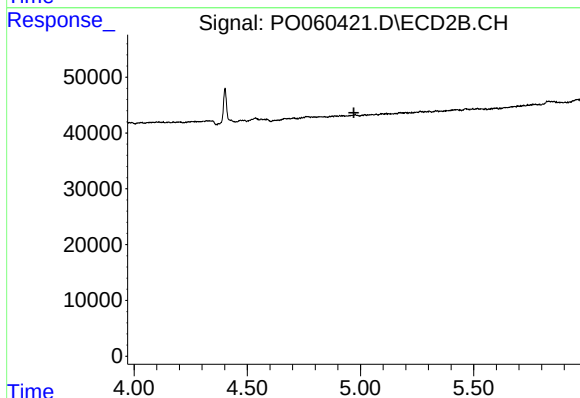
R.T.: 0.000 min
Exp R.T. : 4.764 min
Response: 0
Conc: N.D.



#7 AR-1016-5

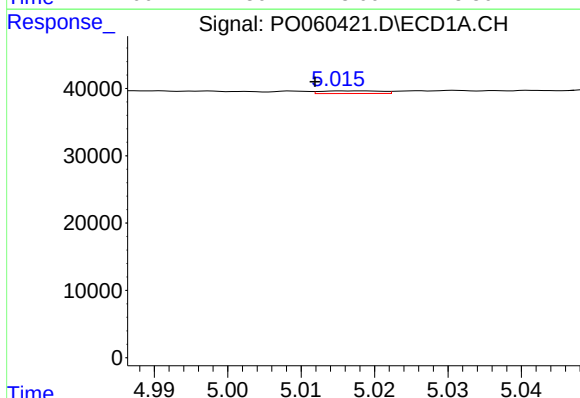
R.T.: 5.750 min
Delta R.T.: 0.029 min
Response: 8222
Conc: 6.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



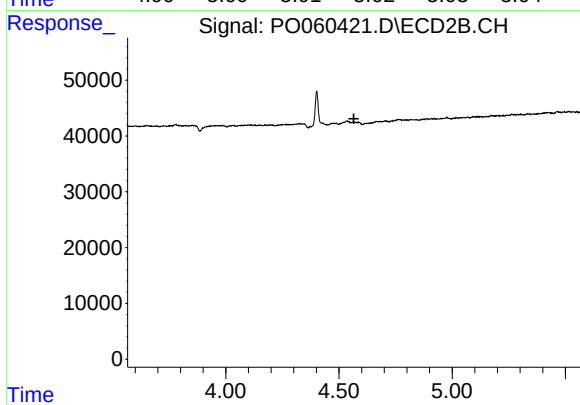
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.971 min
Response: 0
Conc: N.D.



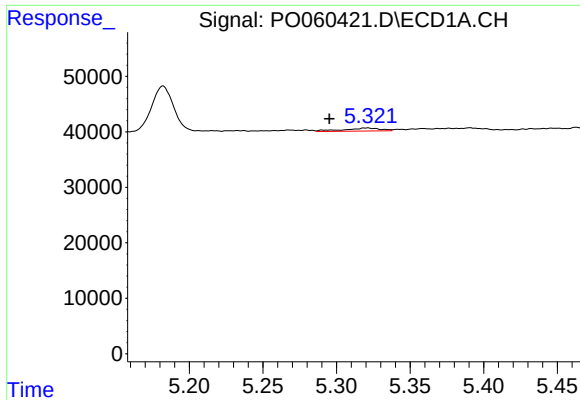
#12 AR-1232-2

R.T.: 5.017 min
Delta R.T.: 0.005 min
Response: 2290
Conc: 3.24 ng/ml



#12 AR-1232-2

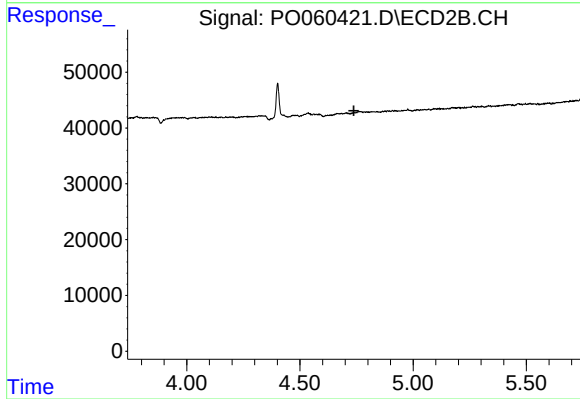
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

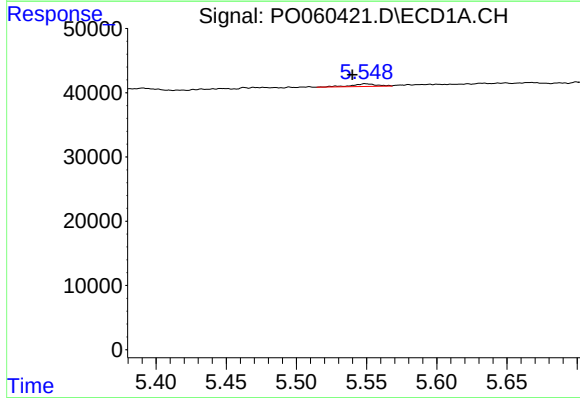
R.T.: 5.321 min
Delta R.T.: 0.025 min
Response: 9670
Conc: 6.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



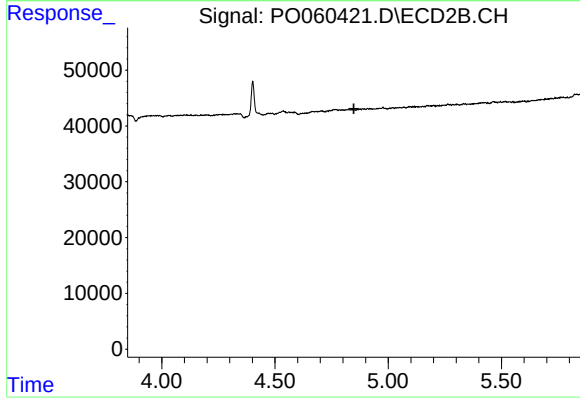
#13 AR-1232-3

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



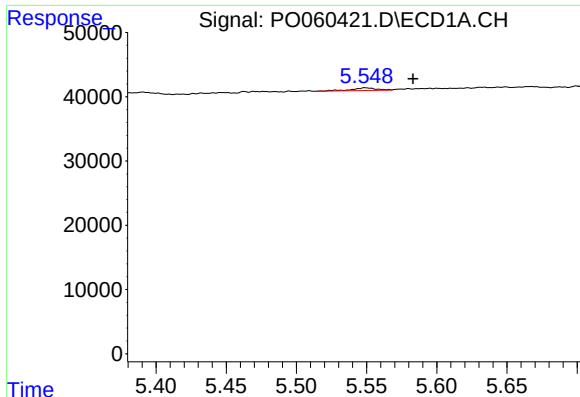
#14 AR-1232-4

R.T.: 5.549 min
Delta R.T.: 0.009 min
Response: 5158
Conc: 6.60 ng/ml



#14 AR-1232-4

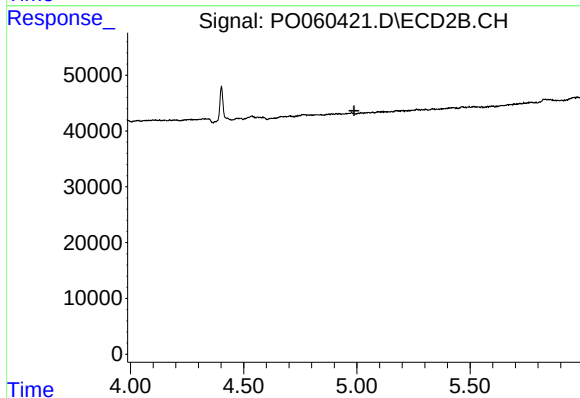
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

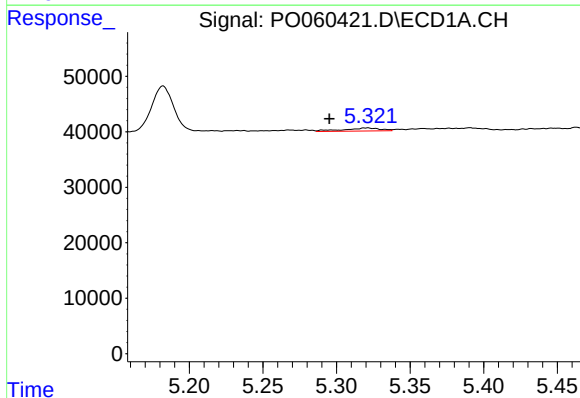
R.T.: 5.549 min
Delta R.T.: -0.034 min
Response: 5158
Conc: 8.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



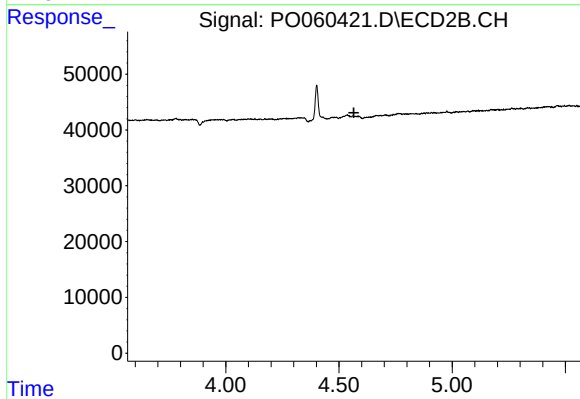
#15 AR-1232-5

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



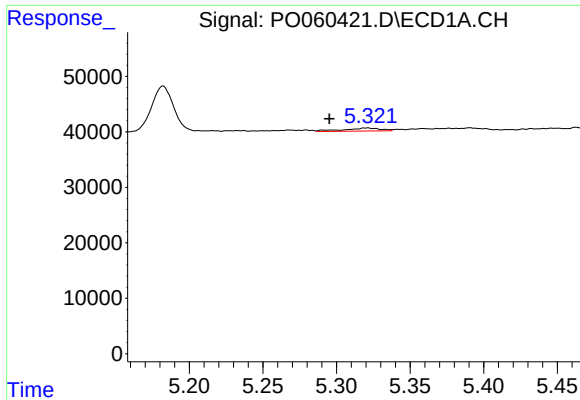
#16 AR-1242-1

R.T.: 5.321 min
Delta R.T.: 0.025 min
Response: 9670
Conc: 7.62 ng/ml



#16 AR-1242-1

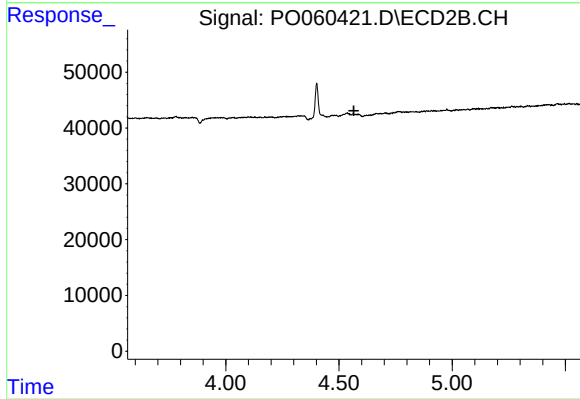
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

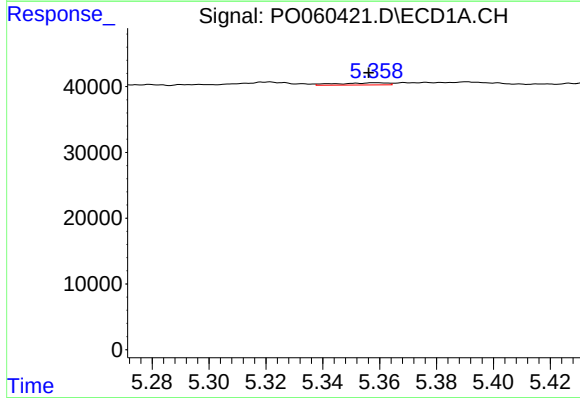
R.T.: 5.321 min
Delta R.T.: 0.025 min
Response: 9670
Conc: 5.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



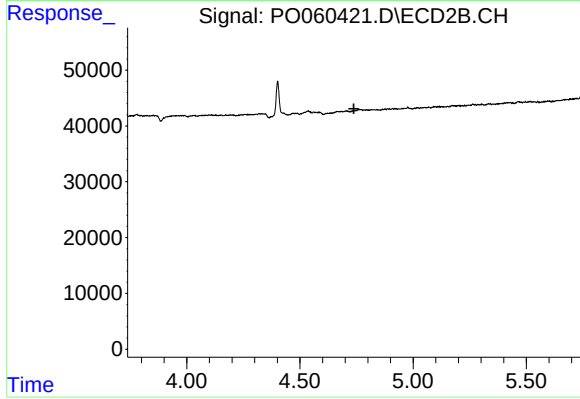
#17 AR-1242-2

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



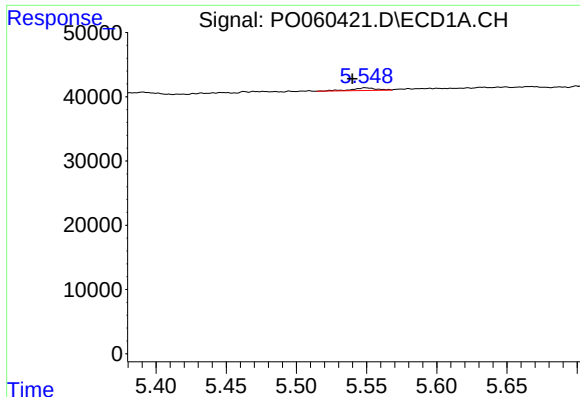
#18 AR-1242-3

R.T.: 5.359 min
Delta R.T.: 0.003 min
Response: 4057
Conc: 3.47 ng/ml



#18 AR-1242-3

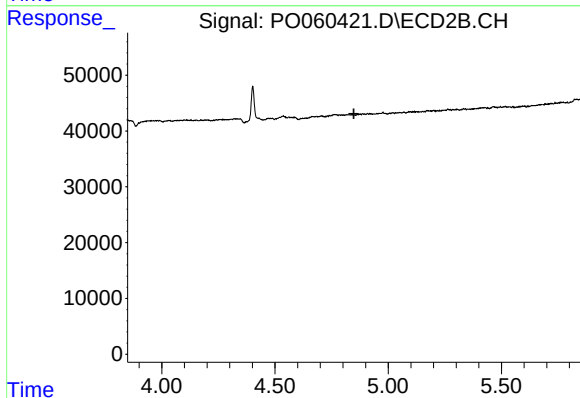
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

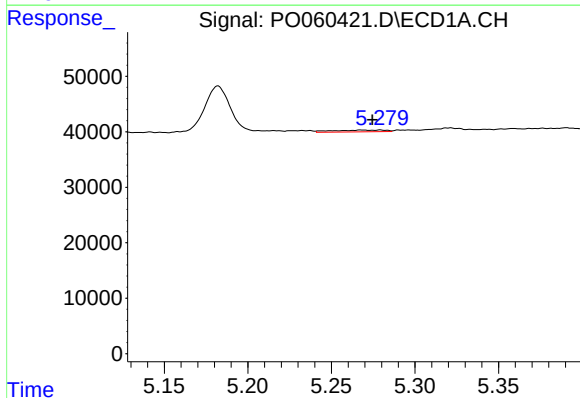
R.T.: 5.549 min
Delta R.T.: 0.009 min
Response: 5158
Conc: 5.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



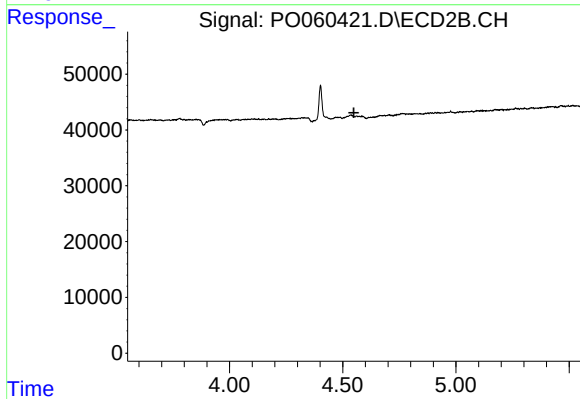
#19 AR-1242-4

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



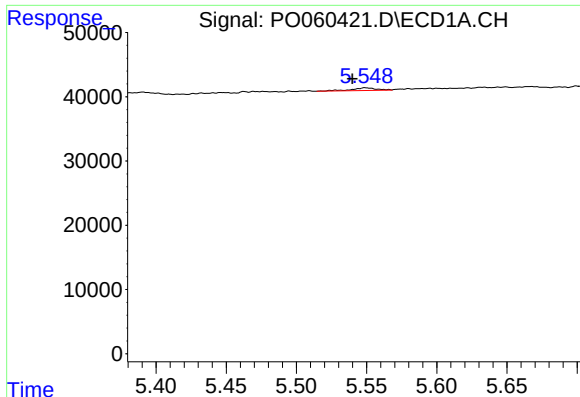
#21 AR-1248-1

R.T.: 5.268 min
Delta R.T.: -0.006 min
Response: 6958
Conc: 6.94 ng/ml



#21 AR-1248-1

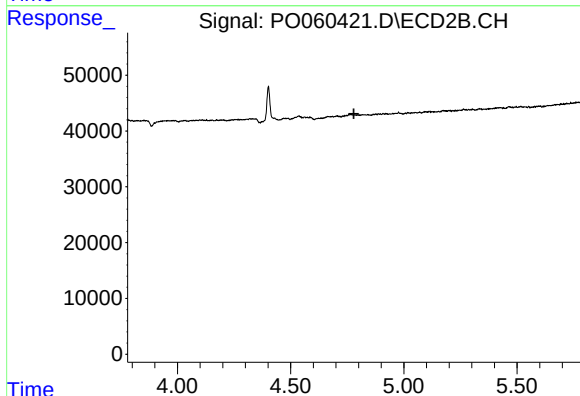
R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

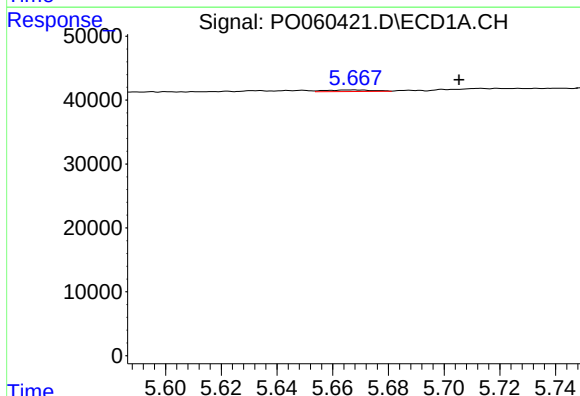
R.T.: 5.549 min
Delta R.T.: 0.009 min
Response: 5158
Conc: 3.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



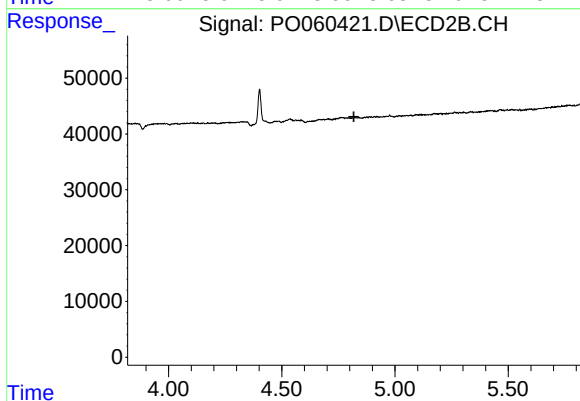
#22 AR-1248-2

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



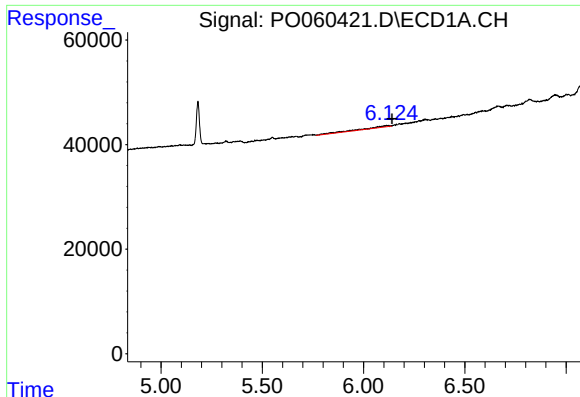
#23 AR-1248-3

R.T.: 5.667 min
Delta R.T.: -0.039 min
Response: 2738
Conc: 1.65 ng/ml



#23 AR-1248-3

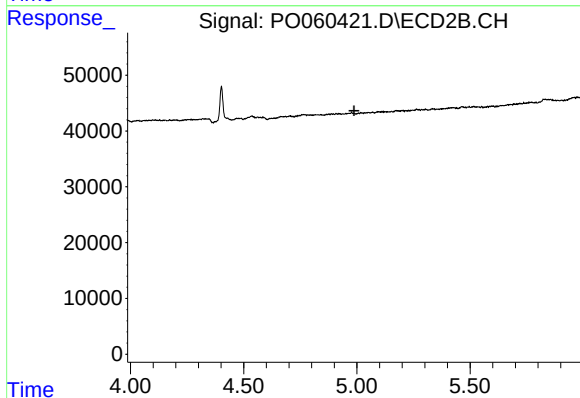
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#24 AR-1248-4

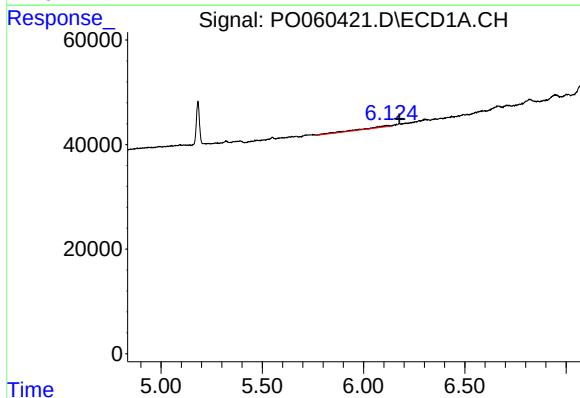
R.T.: 6.116 min
Delta R.T.: -0.025 min
Response: 23757
Conc: 11.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



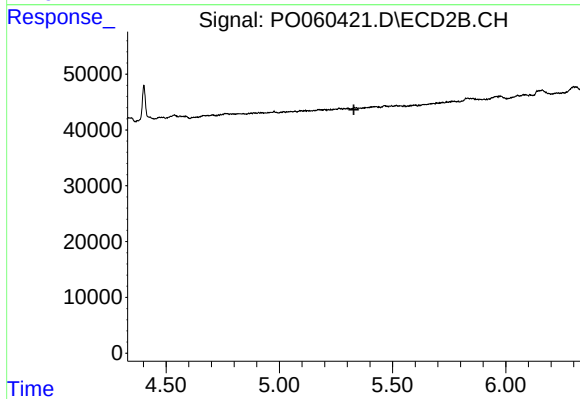
#24 AR-1248-4

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



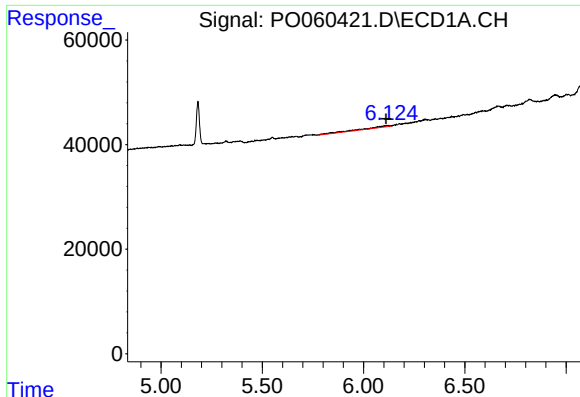
#25 AR-1248-5

R.T.: 6.116 min
Delta R.T.: -0.062 min
Response: 23757
Conc: 11.98 ng/ml



#25 AR-1248-5

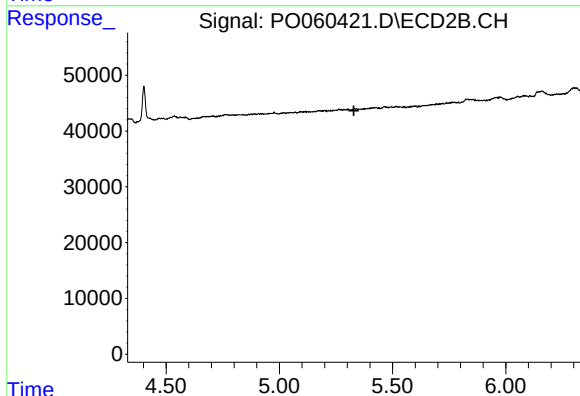
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#26 AR-1254-1

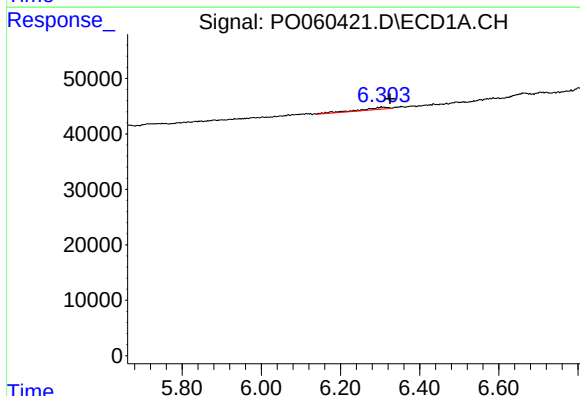
R.T.: 6.116 min
Delta R.T.: 0.005 min
Response: 23757
Conc: 11.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



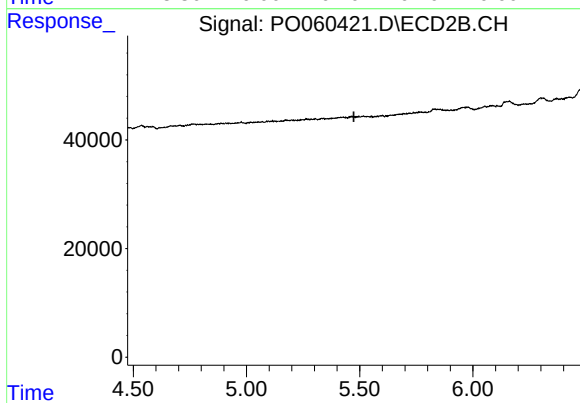
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



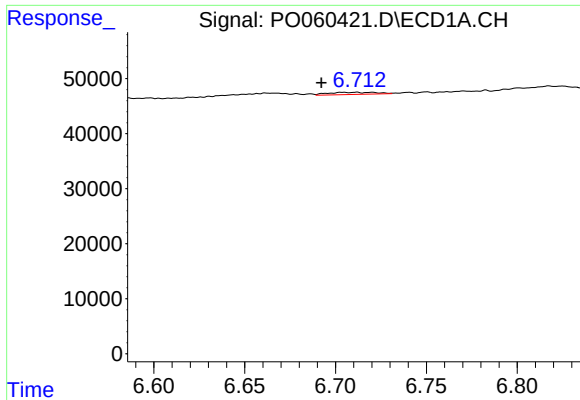
#27 AR-1254-2

R.T.: 6.304 min
Delta R.T.: -0.021 min
Response: 18195
Conc: 5.45 ng/ml



#27 AR-1254-2

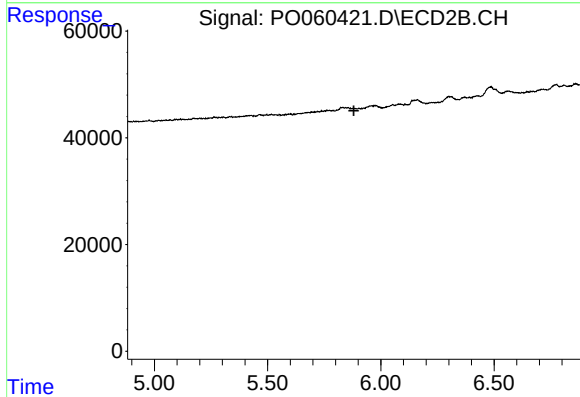
R.T.: 0.000 min
Exp R.T. : 5.474 min
Response: 0
Conc: N.D.



#28 AR-1254-3

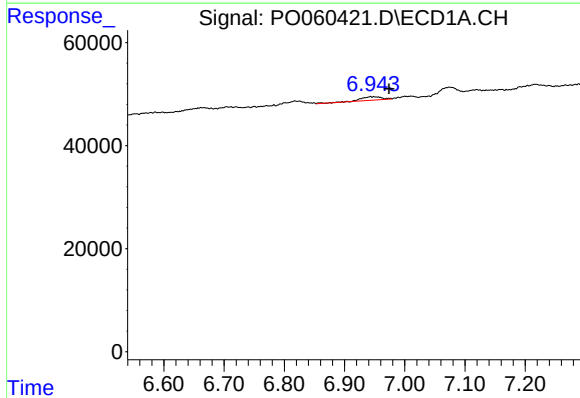
R.T.: 6.719 min
Delta R.T.: 0.026 min
Response: 7306
Conc: 2.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



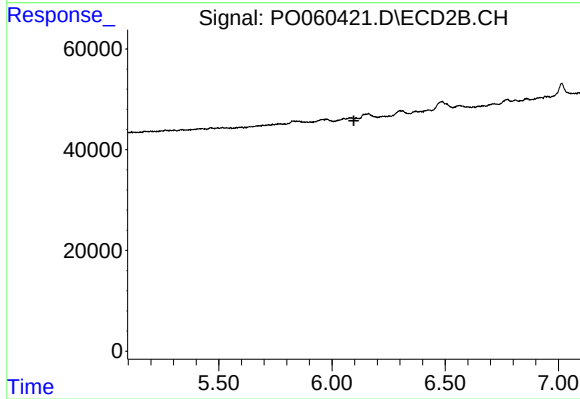
#28 AR-1254-3

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



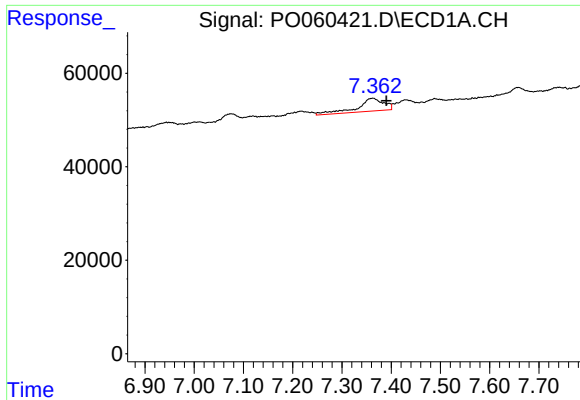
#29 AR-1254-4

R.T.: 6.945 min
Delta R.T.: -0.029 min
Response: 16474
Conc: 5.59 ng/ml



#29 AR-1254-4

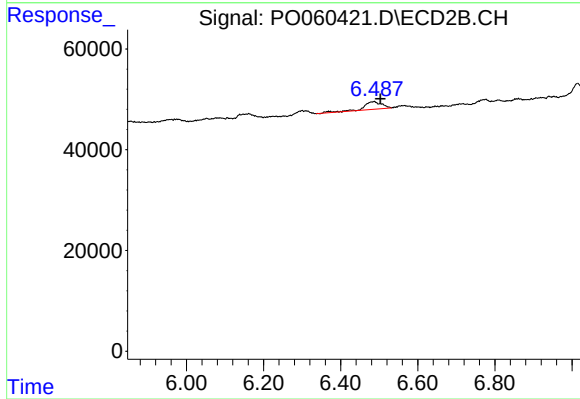
R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#30 AR-1254-5

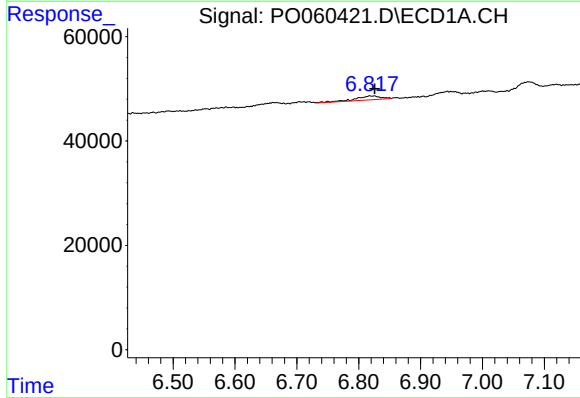
R.T.: 7.362 min
Delta R.T.: -0.028 min
Response: 104232
Conc: 33.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



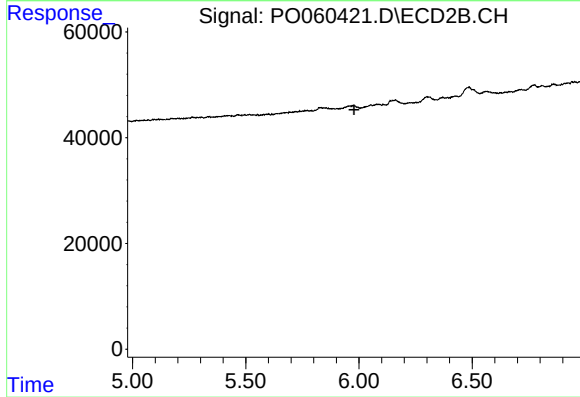
#30 AR-1254-5

R.T.: 6.487 min
Delta R.T.: -0.016 min
Response: 49959
Conc: 16.09 ng/ml



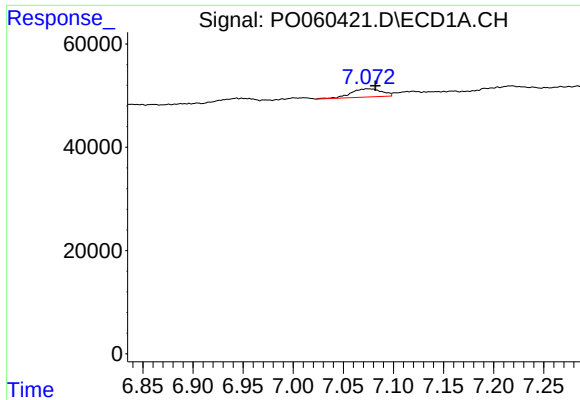
#31 AR-1260-1

R.T.: 6.820 min
Delta R.T.: -0.006 min
Response: 21420
Conc: 7.95 ng/ml



#31 AR-1260-1

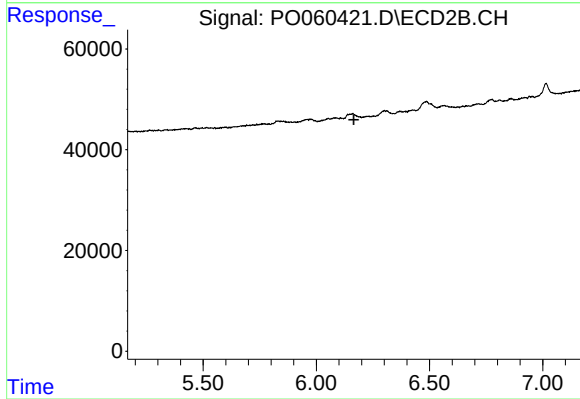
R.T.: 0.000 min
Exp R.T.: 5.978 min
Response: 0
Conc: N.D.



#32 AR-1260-2

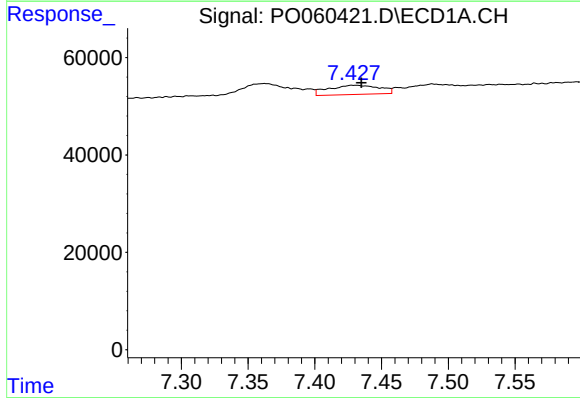
R.T.: 7.075 min
Delta R.T.: -0.007 min
Response: 33789
Conc: 9.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



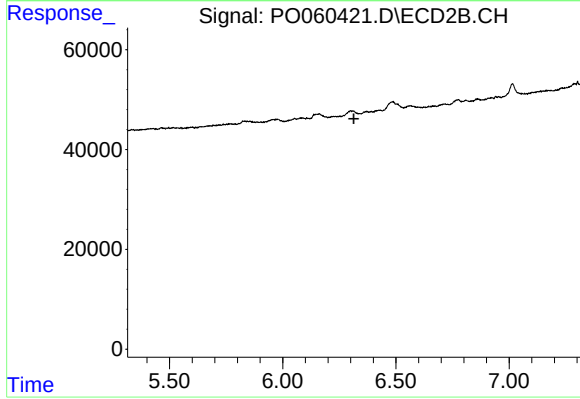
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.



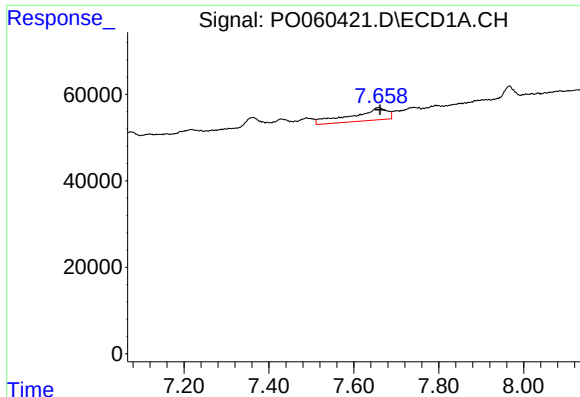
#33 AR-1260-3

R.T.: 7.430 min
Delta R.T.: -0.005 min
Response: 50129
Conc: 15.30 ng/ml



#33 AR-1260-3

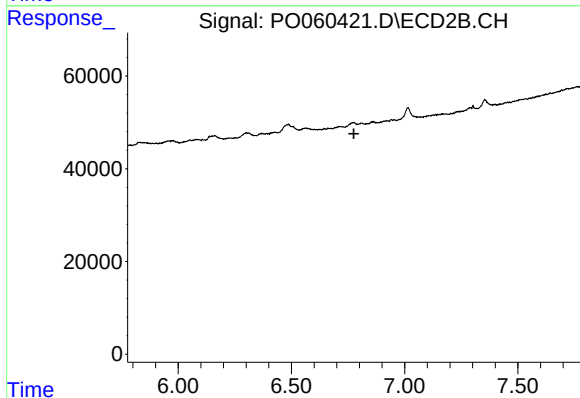
R.T.: 0.000 min
Exp R.T. : 6.314 min
Response: 0
Conc: N.D.



#34 AR-1260-4

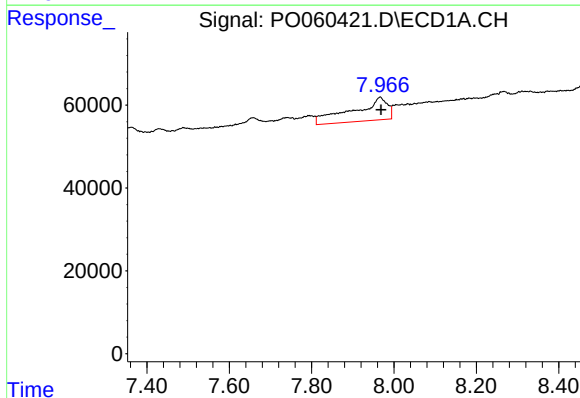
R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 169775
Conc: 55.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



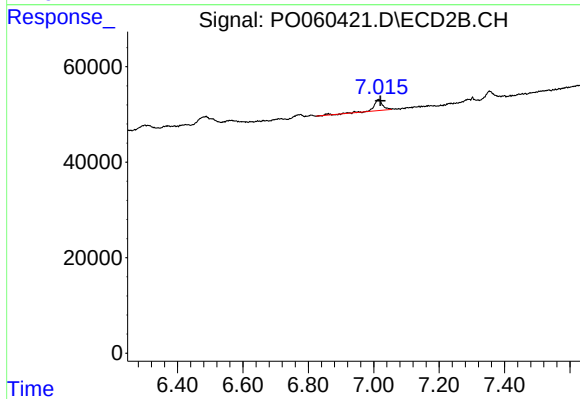
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.776 min
Response: 0
Conc: N.D.



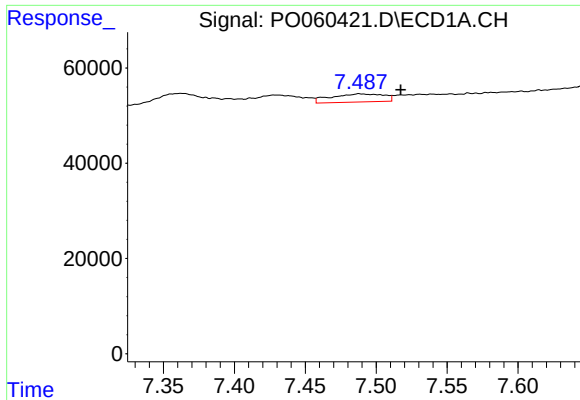
#35 AR-1260-5

R.T.: 7.966 min
Delta R.T.: -0.003 min
Response: 324358
Conc: 45.81 ng/ml



#35 AR-1260-5

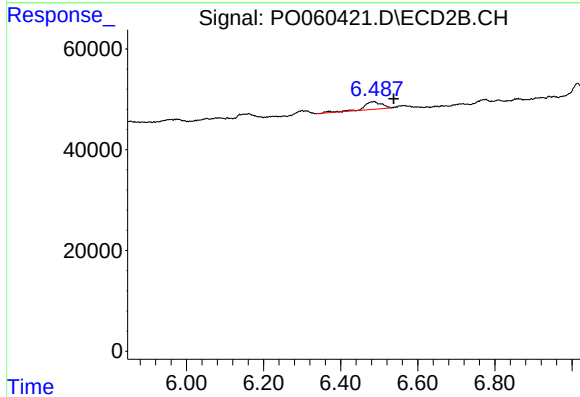
R.T.: 7.015 min
Delta R.T.: -0.005 min
Response: 43314
Conc: 7.87 ng/ml



#36 AR-1262-1

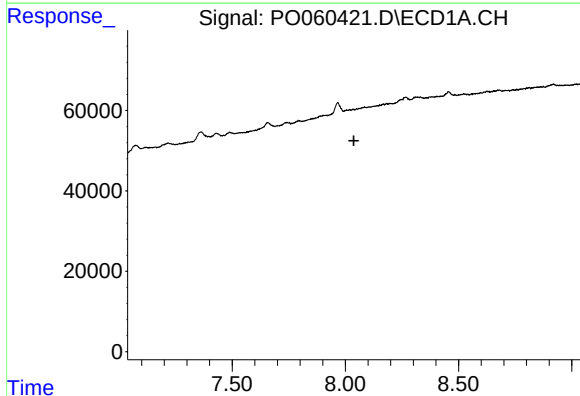
R.T.: 7.489 min
Delta R.T.: -0.028 min
Response: 44022
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



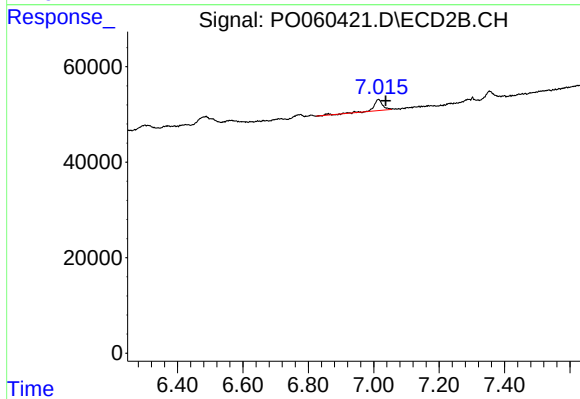
#36 AR-1262-1

R.T.: 6.487 min
Delta R.T.: -0.051 min
Response: 49959
Conc: 13.40 ng/ml



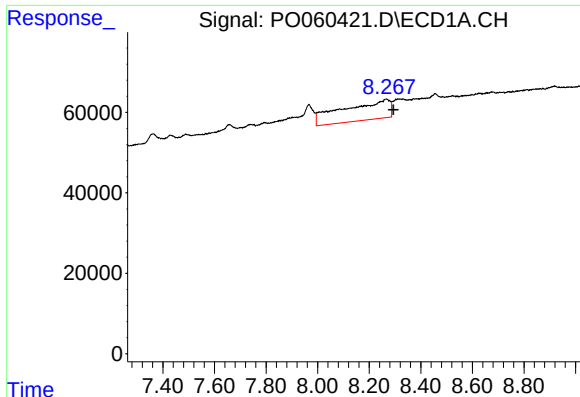
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.037 min
Response: 0
Conc: N.D.



#37 AR-1262-2

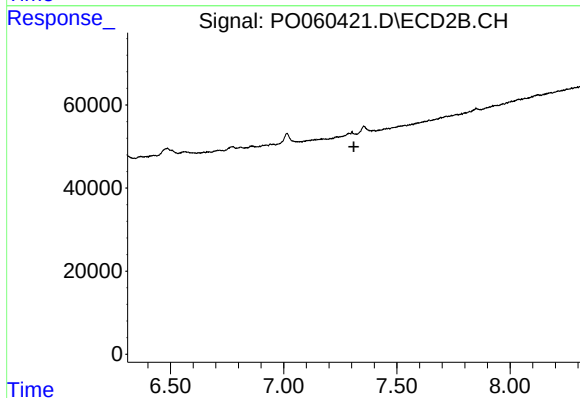
R.T.: 7.015 min
Delta R.T.: -0.022 min
Response: 43314
Conc: 7.37 ng/ml



#38 AR-1262-3

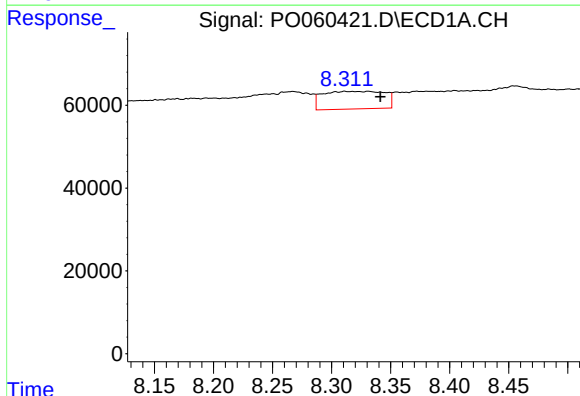
R.T.: 8.267 min
Delta R.T.: -0.028 min
Response: 620111
Conc: 121.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



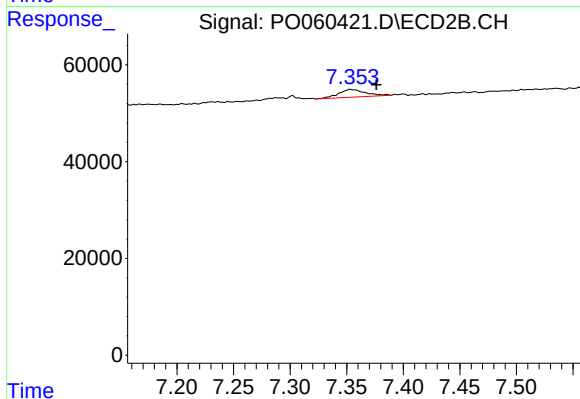
#38 AR-1262-3

R.T.: 7.302 min
Delta R.T.: -0.008 min
Response: -786
Conc: N.D.



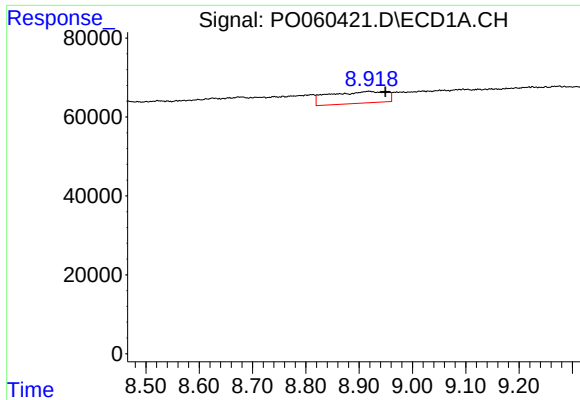
#39 AR-1262-4

R.T.: 8.331 min
Delta R.T.: -0.011 min
Response: 154870
Conc: 40.18 ng/ml



#39 AR-1262-4

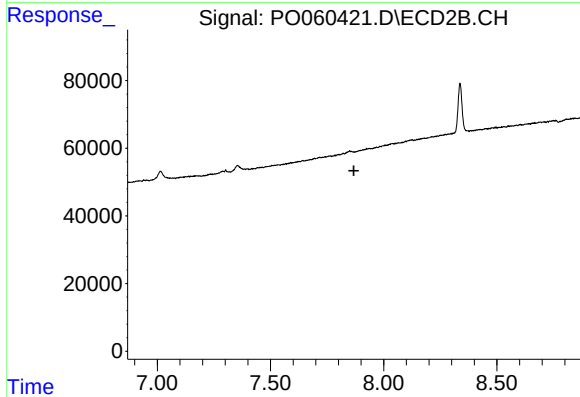
R.T.: 7.353 min
Delta R.T.: -0.023 min
Response: 26461
Conc: 5.99 ng/ml



#40 AR-1262-5

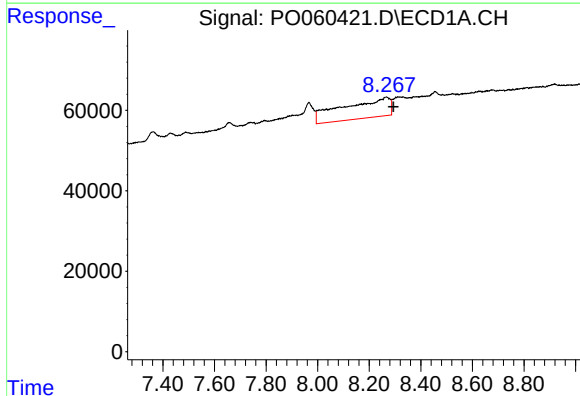
R.T.: 8.918 min
Delta R.T.: -0.031 min
Response: 222744
Conc: 86.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



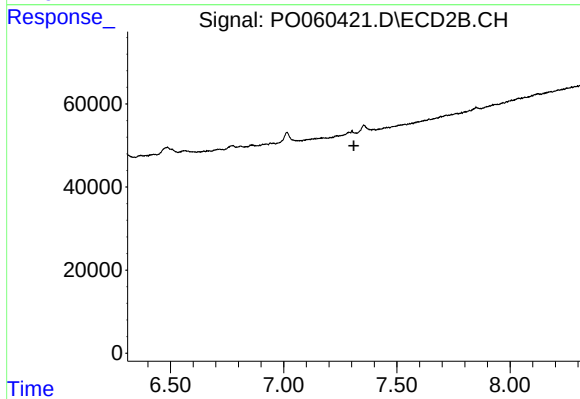
#40 AR-1262-5

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



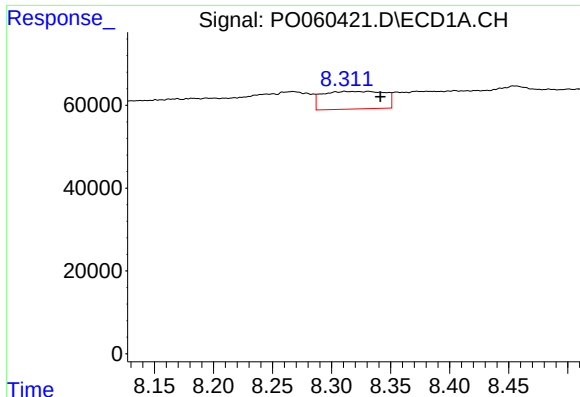
#41 AR-1268-1

R.T.: 8.267 min
Delta R.T.: -0.028 min
Response: 620111
Conc: 65.89 ng/ml



#41 AR-1268-1

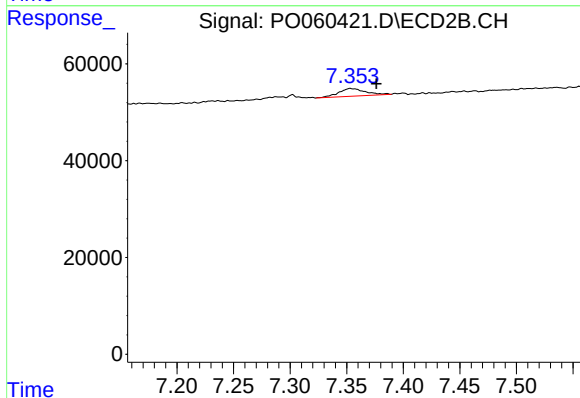
R.T.: 7.302 min
Delta R.T.: -0.008 min
Response: -786
Conc: N.D.



#42 AR-1268-2

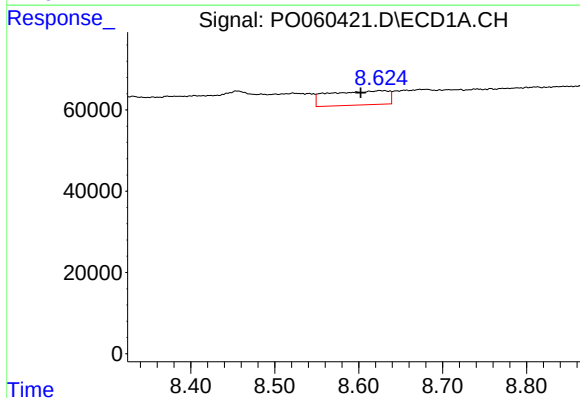
R.T.: 8.331 min
Delta R.T.: -0.011 min
Response: 154870
Conc: 19.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



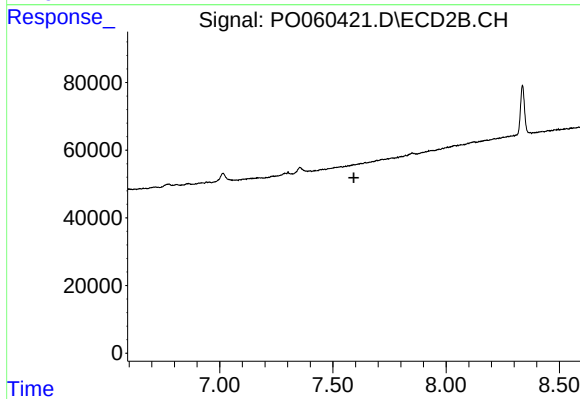
#42 AR-1268-2

R.T.: 7.353 min
Delta R.T.: -0.023 min
Response: 26461
Conc: 4.10 ng/ml



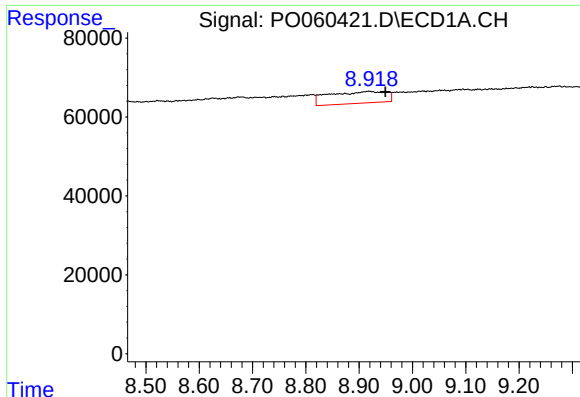
#43 AR-1268-3

R.T.: 8.626 min
Delta R.T.: 0.024 min
Response: 171321
Conc: 24.30 ng/ml



#43 AR-1268-3

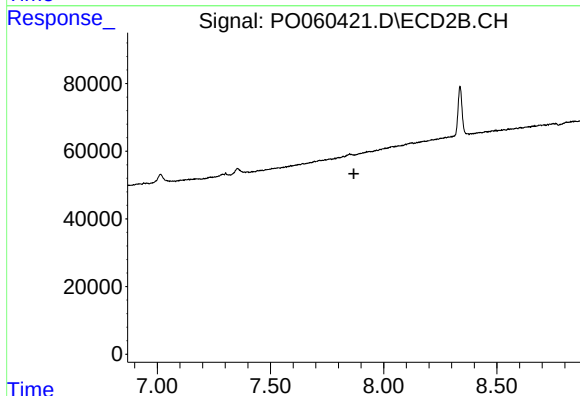
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

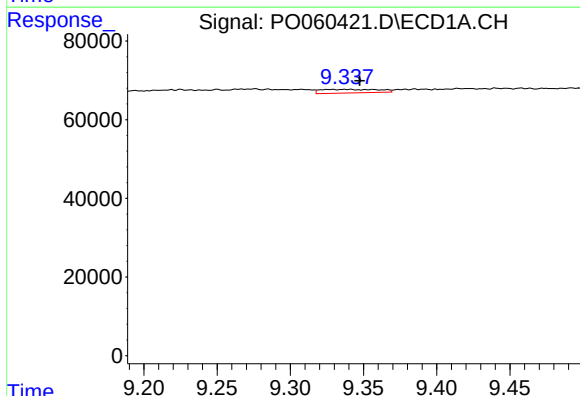
R.T.: 8.918 min
Delta R.T.: -0.031 min
Response: 222744
Conc: 80.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



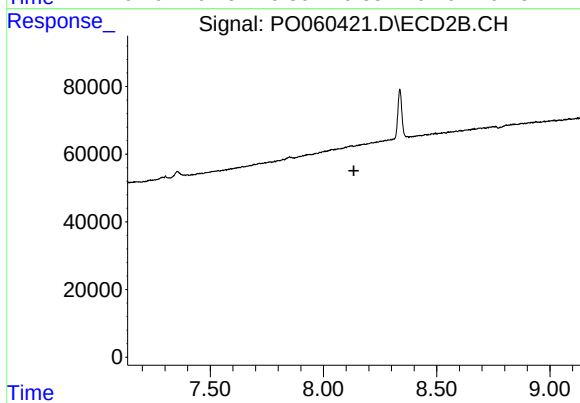
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.339 min
Delta R.T.: -0.008 min
Response: 25055
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.135 min
Response: 0
Conc: N.D.