

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082819\
 Data File : P0059965.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Aug 2019 15:34
 Operator : SM/AJ
 Sample : K4560-10RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S401-K1-1.0-1.5-082619RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 15:59:25 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...	4.128	3.499	694261	573868	19.829	15.943
2)	SA Decachlor...	9.598	8.360	605685	460487	11.385	11.421
Target Compounds							
3)	L1 AR-1016-1	5.295	0.000	10246	0	6.388	N.D. #
4)	L1 AR-1016-2	5.295	0.000	10246	0	4.283	N.D. #
5)	L1 AR-1016-3	5.352	0.000	5162	0	3.466	N.D. #
6)	L1 AR-1016-4	5.411	0.000	2074	0	1.715	N.D. #
8)	L2 AR-1221-1	4.429	0.000	14217	0	33.573	N.D. #
9)	L2 AR-1221-2	4.429	0.000	14217	0	43.773	N.D. #
10)	L2 AR-1221-3	4.508	0.000	3939	0	3.745	N.D. #
11)	L3 AR-1232-1	4.508	0.000	3939	0	3.160	N.D. #
12)	L3 AR-1232-2	5.010	0.000	9428	0	13.347	N.D. #
13)	L3 AR-1232-3	5.295	0.000	10246	0	6.691	N.D. #
14)	L3 AR-1232-4	5.548	0.000	4184	0	5.351	N.D. #
15)	L3 AR-1232-5	5.548	0.000	4184	0	6.960	N.D. #
16)	L4 AR-1242-1	5.295	0.000	10246	0	8.071	N.D. #
17)	L4 AR-1242-2	5.295	0.000	10246	0	5.521	N.D. #
18)	L4 AR-1242-3	5.389	0.000	5139	0	4.397	N.D. #
19)	L4 AR-1242-4	5.548	0.000	4184	0	4.323	N.D. #
20)	L4 AR-1242-5	6.184	0.000	14555	0	11.583	N.D. #
21)	L5 AR-1248-1	5.295	0.000	10246	0	10.220	N.D. #
22)	L5 AR-1248-2	5.548	0.000	4184	0	2.884	N.D. #
24)	L5 AR-1248-4	6.120	0.000	26759	0	13.091	N.D. #
25)	L5 AR-1248-5	6.184	0.000	14555	0	7.340	N.D. #
26)	L6 AR-1254-1	6.120	0.000	26759	0	12.825	N.D. #
27)	L6 AR-1254-2	6.331	0.000	20174	0	6.047	N.D. #
28)	L6 AR-1254-3	6.705	0.000	18533	0	5.223	N.D. #
29)	L6 AR-1254-4	6.980	0.000	13250	0	4.498	N.D. #
30)	L6 AR-1254-5	7.395	0.000	20700	0	6.694	N.D. #
31)	L7 AR-1260-1	6.854	0.000	8149	0	3.023	N.D. #
32)	L7 AR-1260-2	7.114	0.000	45133	0	12.164	N.D. #
33)	L7 AR-1260-3	7.464	0.000	11629	0	3.549	N.D. #
34)	L7 AR-1260-4	7.688	6.741	77838	75496	25.343	33.367 #
35)	L7 AR-1260-5	7.996	0.000	75623	0	10.680	N.D. #
36)	L8 AR-1262-1	7.464	0.000	11629	0	2.396	N.D. #
37)	L8 AR-1262-2	7.996	0.000	75623	0	9.801	N.D. #
38)	L8 AR-1262-3	8.299	0.000	559651	0	109.686	N.D. #
39)	L8 AR-1262-4	8.370	0.000	221627	0	57.495	N.D. #
40)	L8 AR-1262-5	8.986	0.000	30529	0	11.895	N.D. #
41)	L9 AR-1268-1	8.299	0.000	559651	0	59.470	N.D. #
42)	L9 AR-1268-2	8.370	0.000	221627	0	28.116	N.D. #
44)	L9 AR-1268-4	8.986	0.000	30529	0	10.982	N.D. #
45)	L9 AR-1268-5	9.322	0.000	106298	0	5.764	N.D. #

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Sample : K4560-10RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S401-K1-1.0-1.5-082619RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 28 15:59:25 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

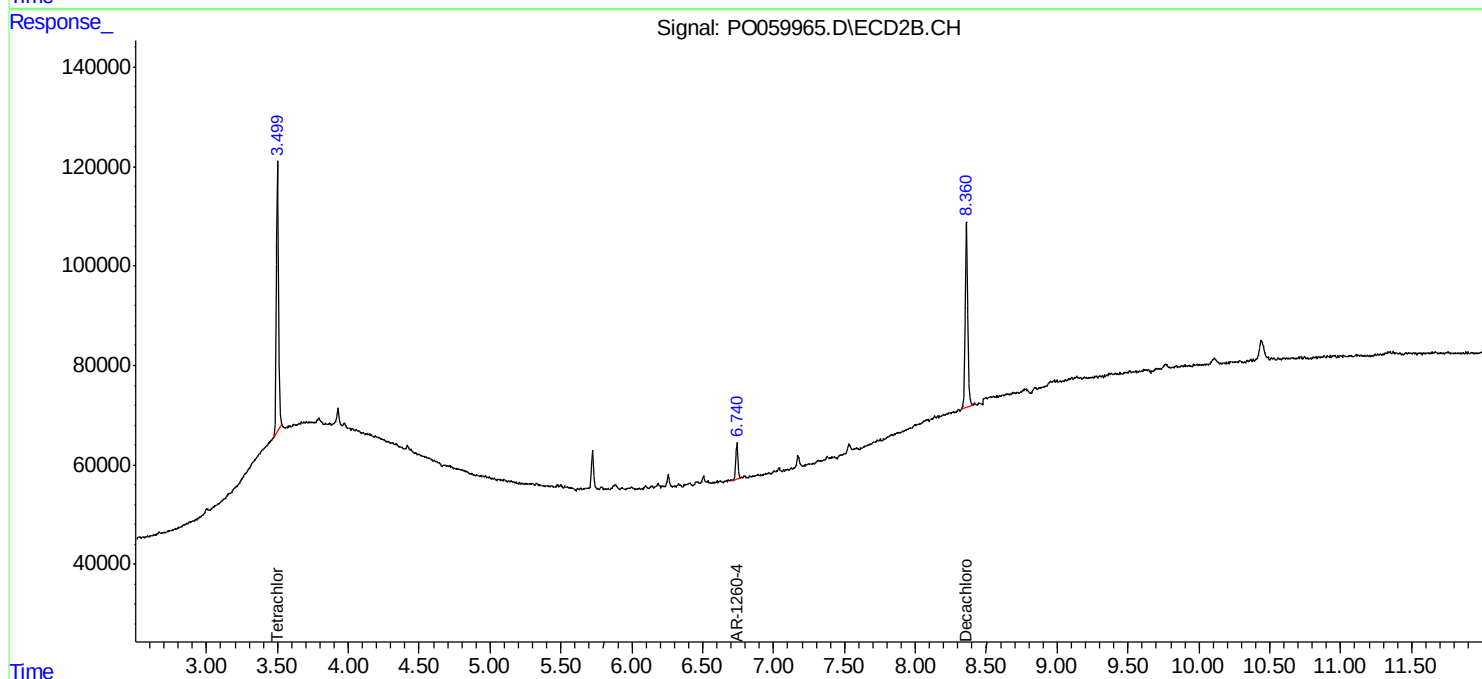
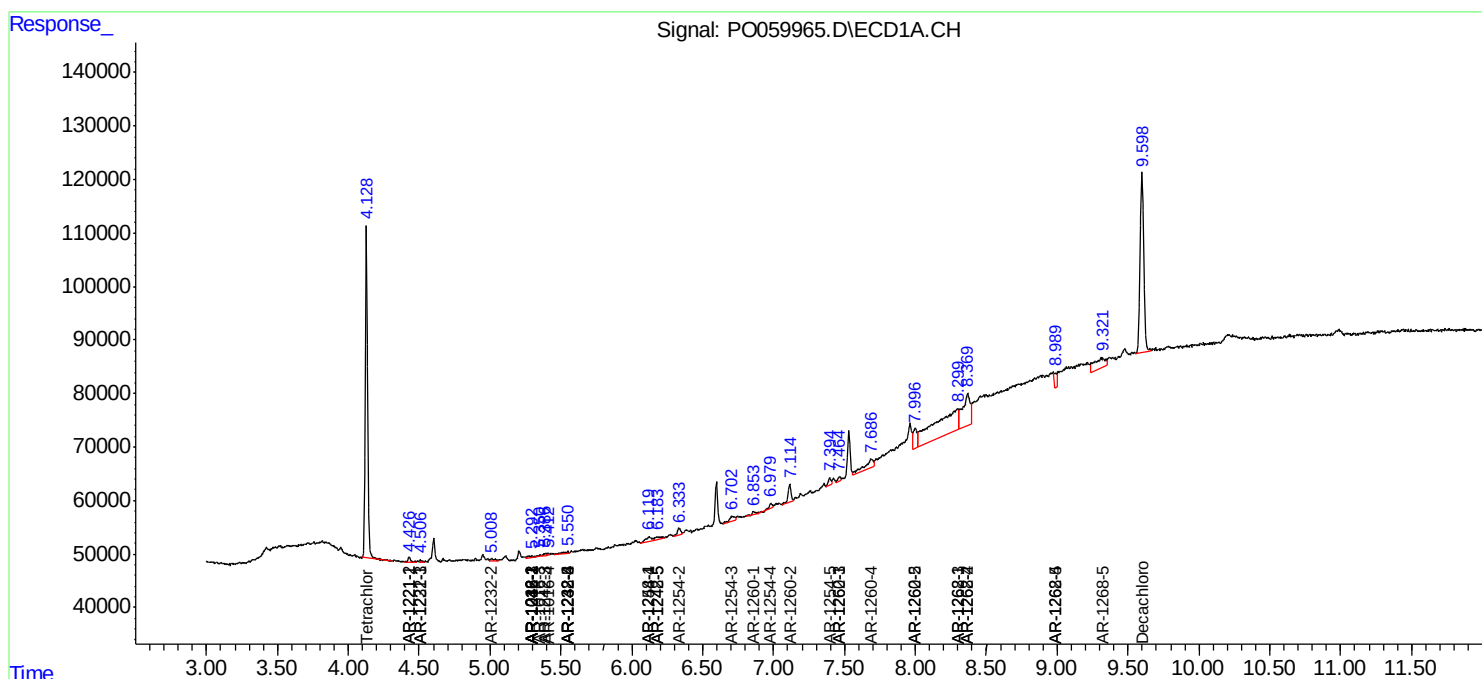
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

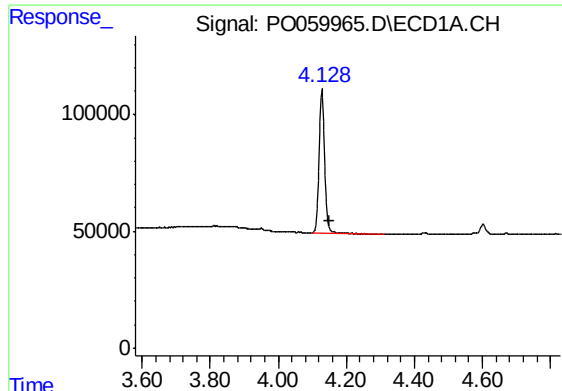
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082819\
Data File : PO059965.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Aug 2019 15:34
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Sample : K4560-10RE
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

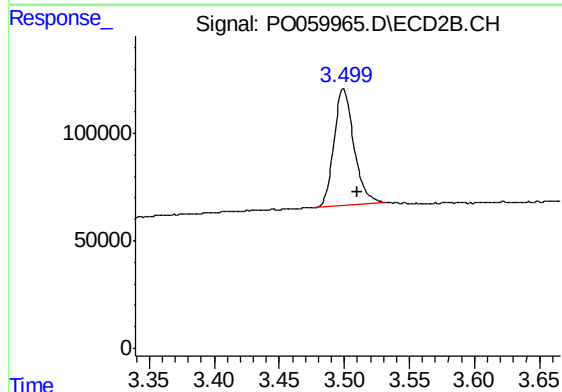




#1 Tetrachloro-m-xylene

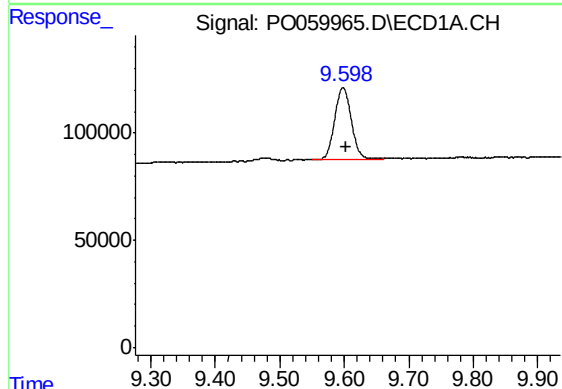
R.T.: 4.128 min
Delta R.T.: -0.021 min
Response: 694261
Conc: 19.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



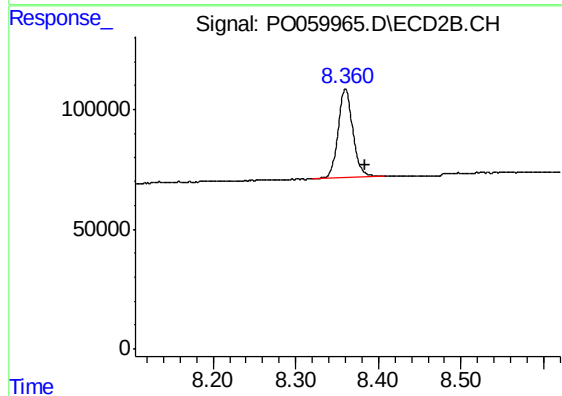
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: -0.011 min
Response: 573868
Conc: 15.94 ng/ml



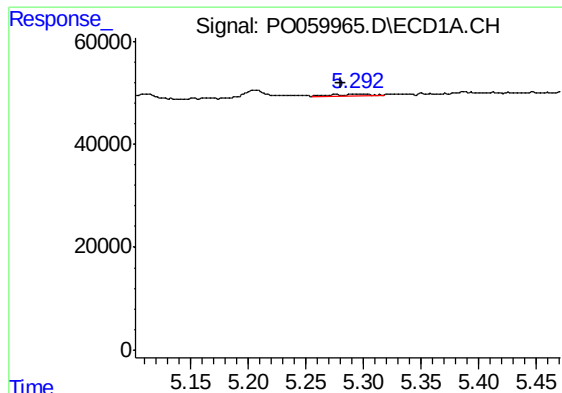
#2 Decachlorobiphenyl

R.T.: 9.598 min
Delta R.T.: -0.005 min
Response: 605685
Conc: 11.39 ng/ml



#2 Decachlorobiphenyl

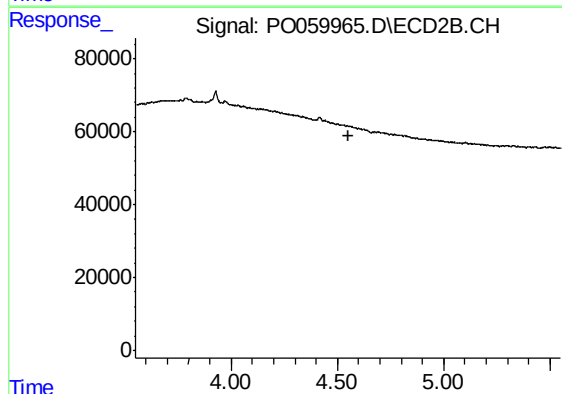
R.T.: 8.360 min
Delta R.T.: -0.023 min
Response: 460487
Conc: 11.42 ng/ml



#3 AR-1016-1

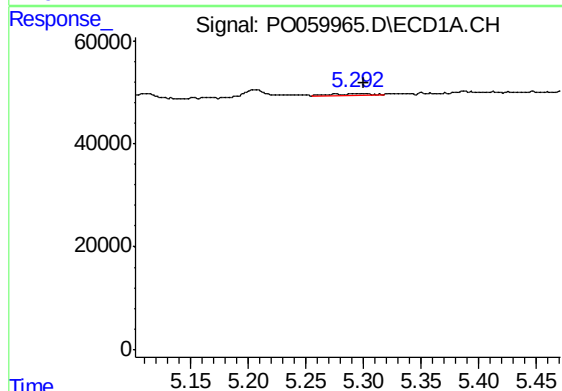
R.T.: 5.295 min
Delta R.T.: 0.015 min
Response: 10246
Conc: 6.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



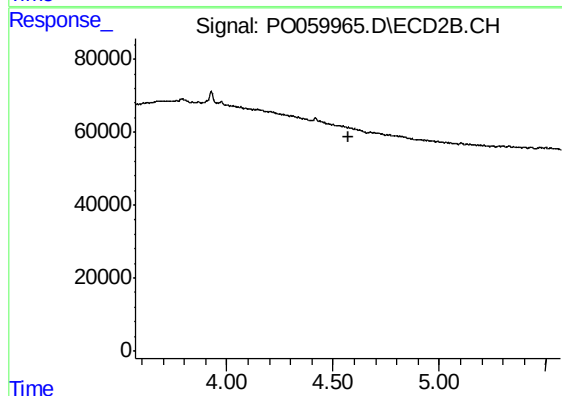
#3 AR-1016-1

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



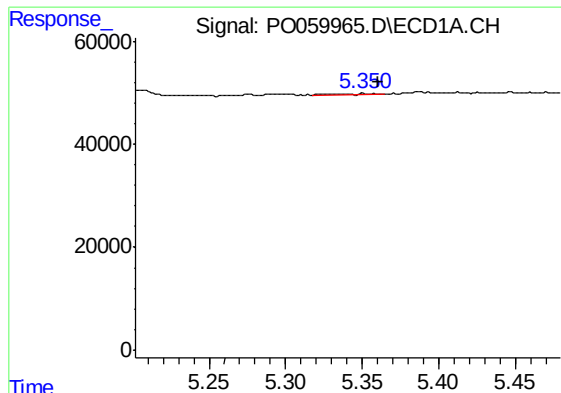
#4 AR-1016-2

R.T.: 5.295 min
Delta R.T.: -0.005 min
Response: 10246
Conc: 4.28 ng/ml



#4 AR-1016-2

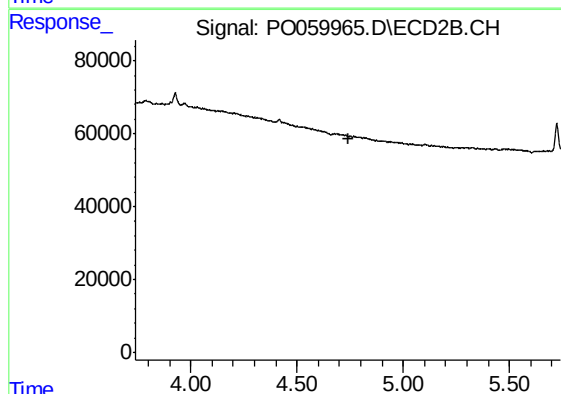
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

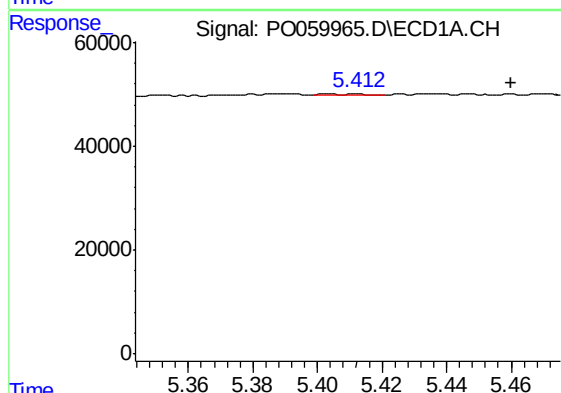
R.T.: 5.352 min
Delta R.T.: -0.008 min
Response: 5162
Conc: 3.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



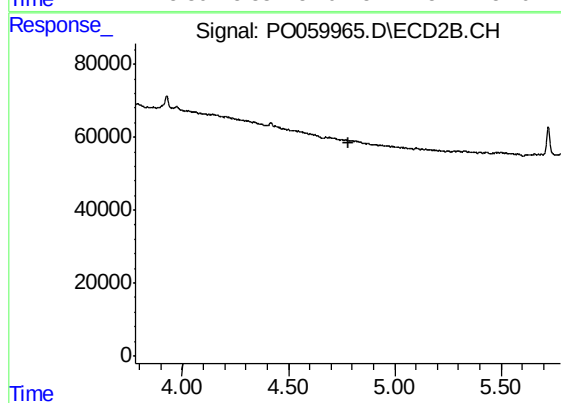
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



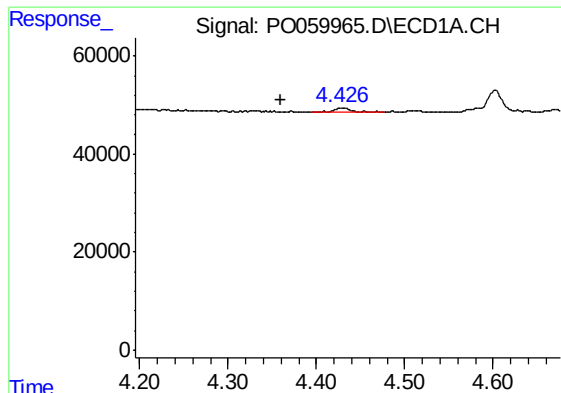
#6 AR-1016-4

R.T.: 5.411 min
Delta R.T.: -0.049 min
Response: 2074
Conc: 1.71 ng/ml



#6 AR-1016-4

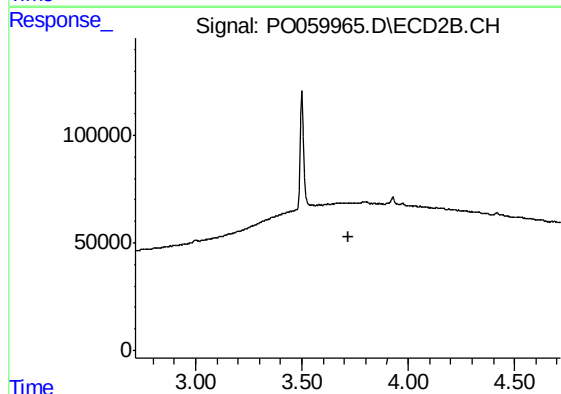
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#8 AR-1221-1

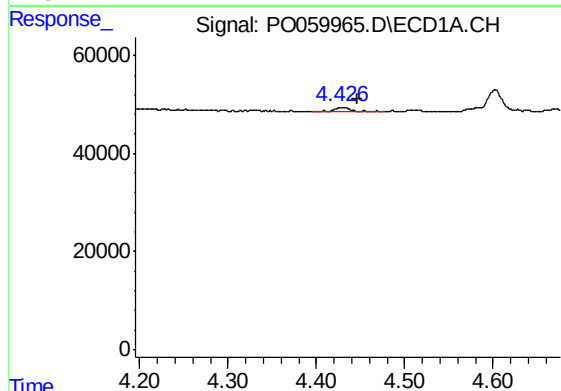
R.T.: 4.429 min
Delta R.T.: 0.069 min
Response: 14217
Conc: 33.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



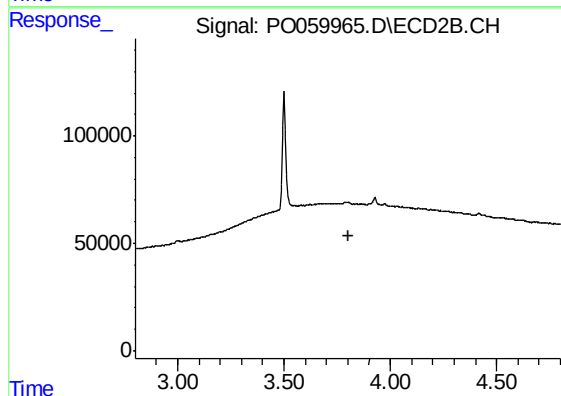
#8 AR-1221-1

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



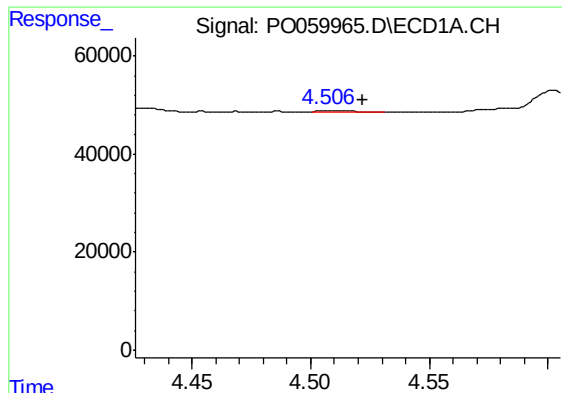
#9 AR-1221-2

R.T.: 4.429 min
Delta R.T.: -0.017 min
Response: 14217
Conc: 43.77 ng/ml



#9 AR-1221-2

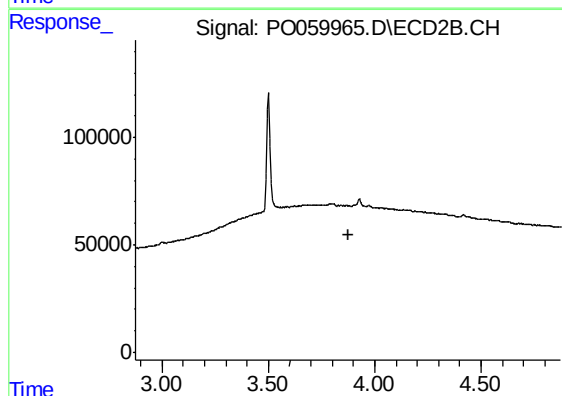
R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



#10 AR-1221-3

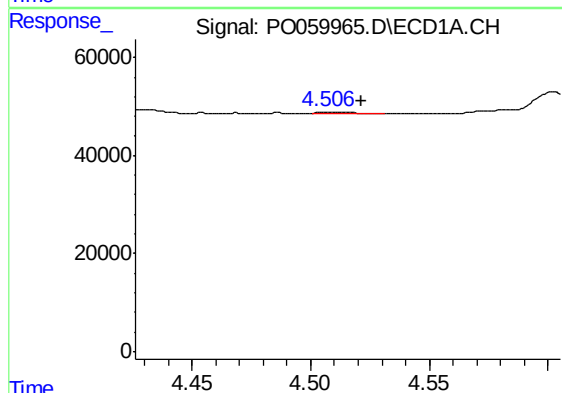
R.T.: 4.508 min
Delta R.T.: -0.014 min
Response: 3939
Conc: 3.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



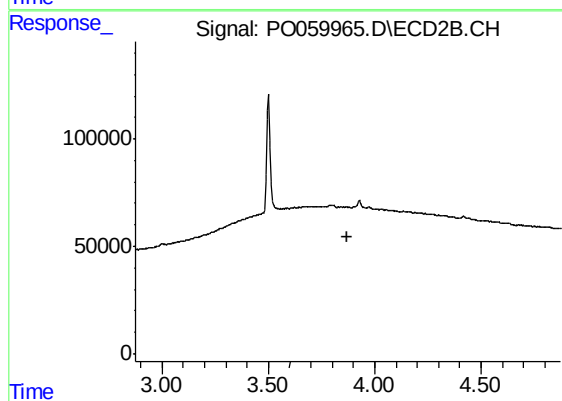
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



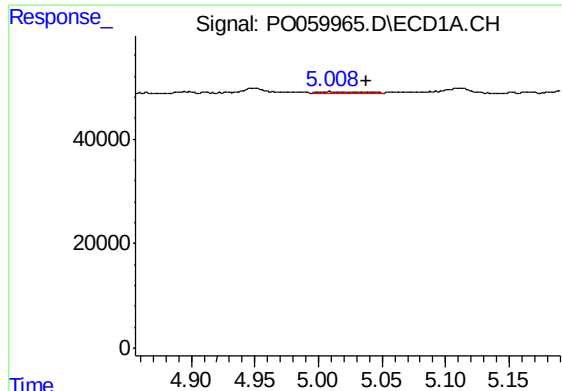
#11 AR-1232-1

R.T.: 4.508 min
Delta R.T.: -0.013 min
Response: 3939
Conc: 3.16 ng/ml



#11 AR-1232-1

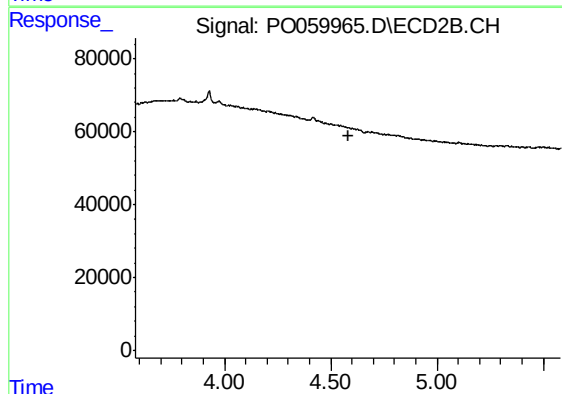
R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



#12 AR-1232-2

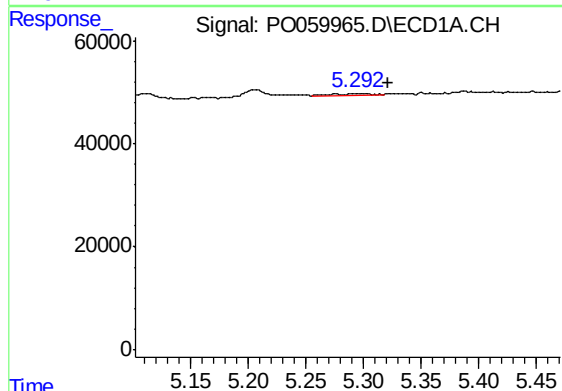
R.T.: 5.010 min
Delta R.T.: -0.028 min
Response: 9428
Conc: 13.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



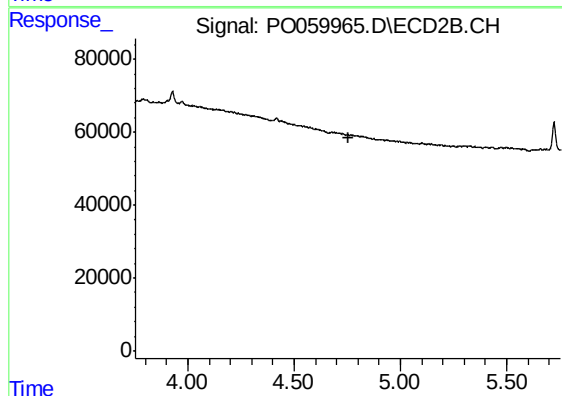
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



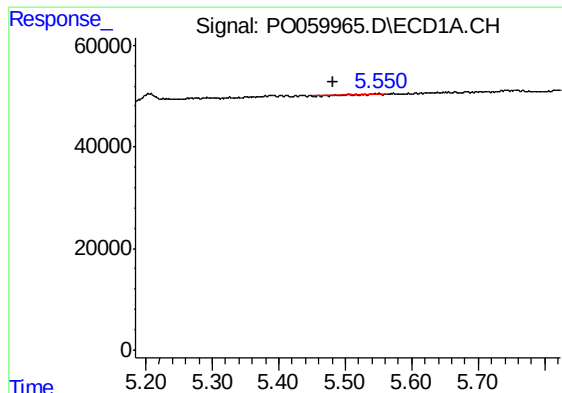
#13 AR-1232-3

R.T.: 5.295 min
Delta R.T.: -0.027 min
Response: 10246
Conc: 6.69 ng/ml



#13 AR-1232-3

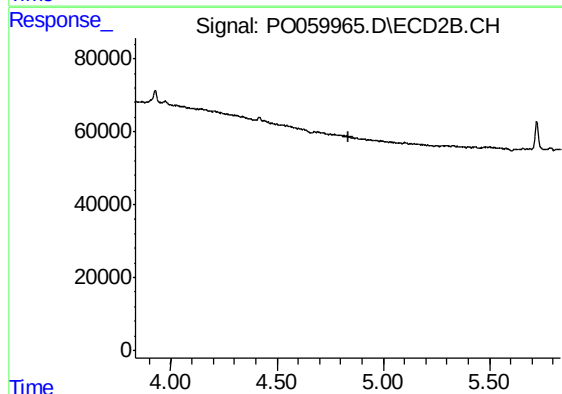
R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



#14 AR-1232-4

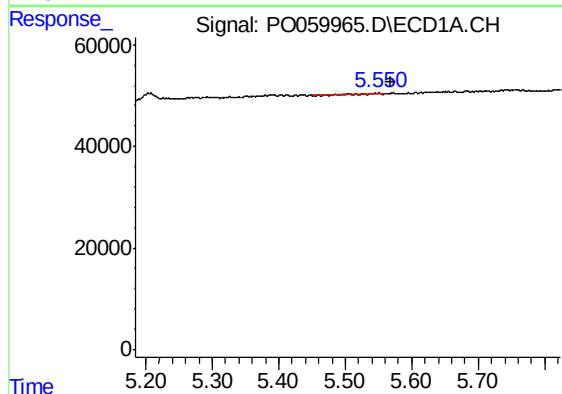
R.T.: 5.548 min
Delta R.T.: 0.067 min
Response: 4184
Conc: 5.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



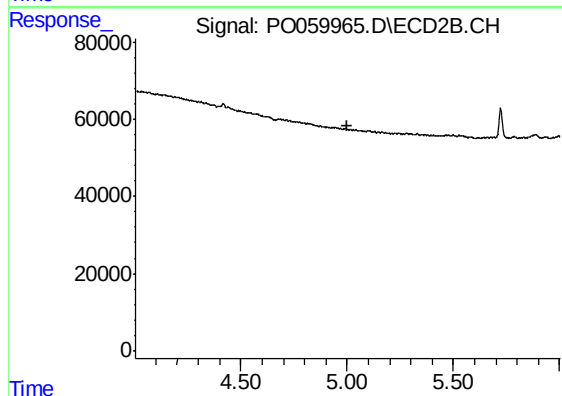
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



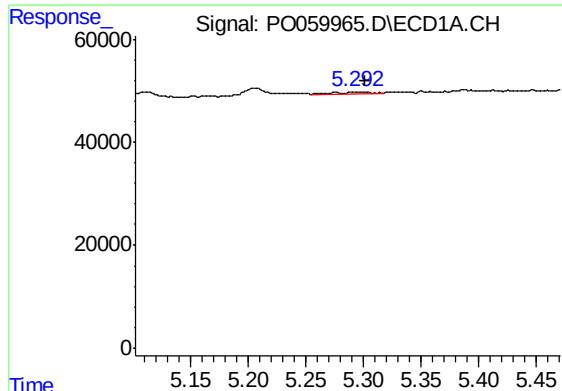
#15 AR-1232-5

R.T.: 5.548 min
Delta R.T.: -0.020 min
Response: 4184
Conc: 6.96 ng/ml



#15 AR-1232-5

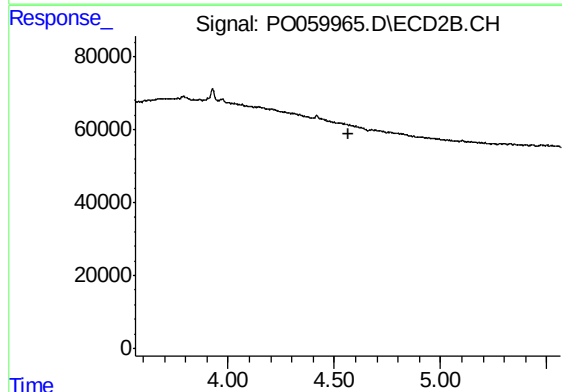
R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



#16 AR-1242-1

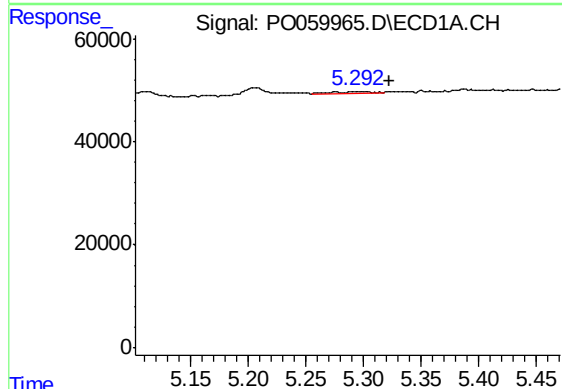
R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 10246
Conc: 8.07 ng/ml

Instrument :
ECD_O
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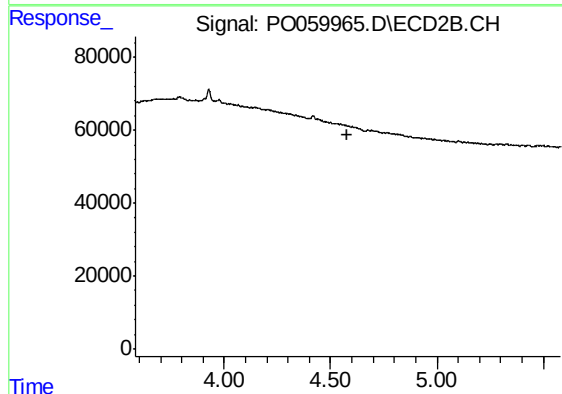
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



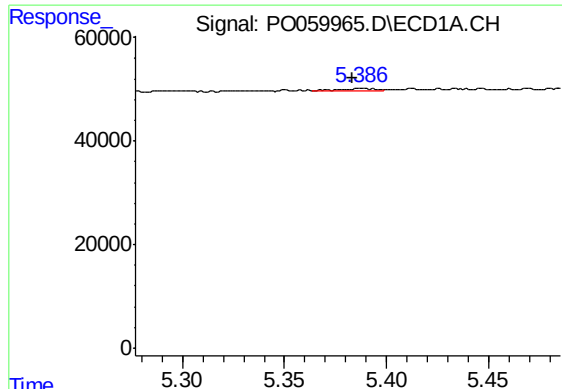
#17 AR-1242-2

R.T.: 5.295 min
Delta R.T.: -0.028 min
Response: 10246
Conc: 5.52 ng/ml



#17 AR-1242-2

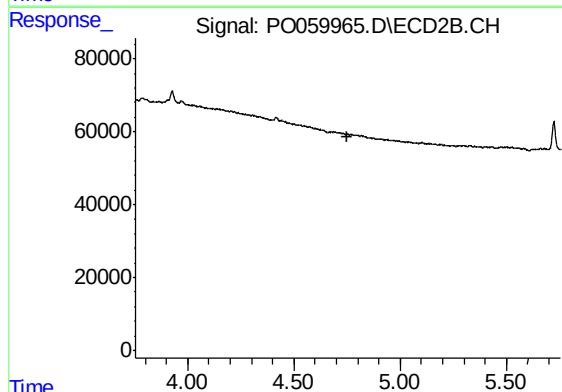
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#18 AR-1242-3

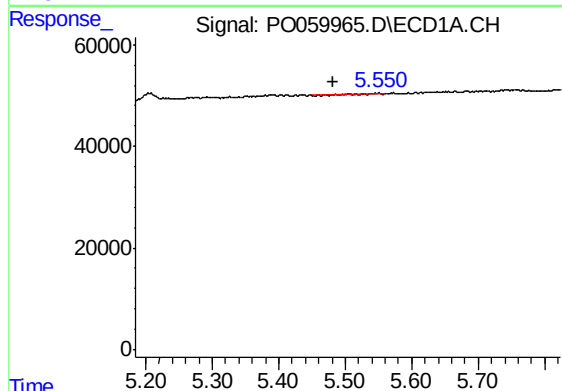
R.T.: 5.389 min
Delta R.T.: 0.005 min
Response: 5139
Conc: 4.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



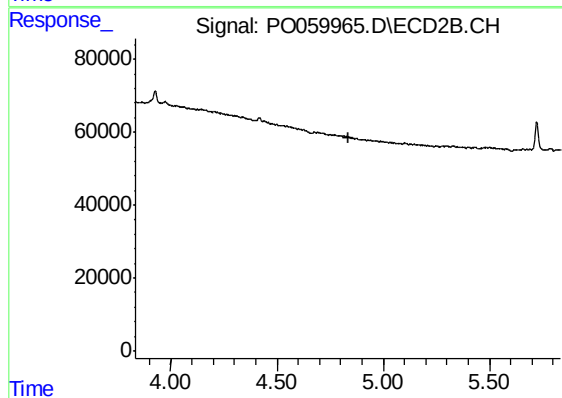
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



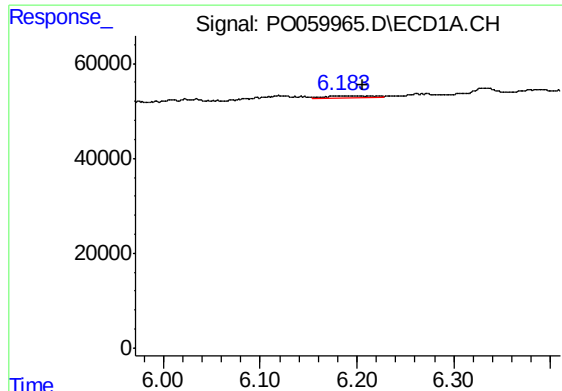
#19 AR-1242-4

R.T.: 5.548 min
Delta R.T.: 0.067 min
Response: 4184
Conc: 4.32 ng/ml



#19 AR-1242-4

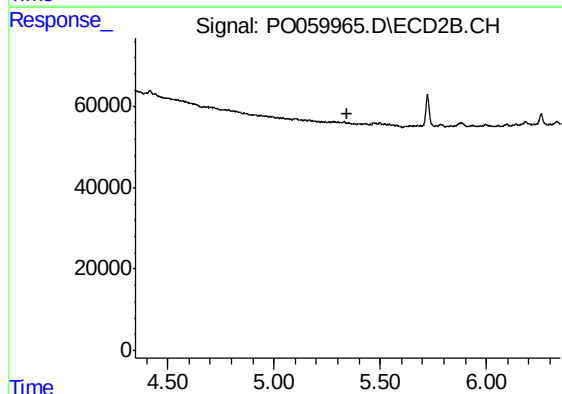
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#20 AR-1242-5

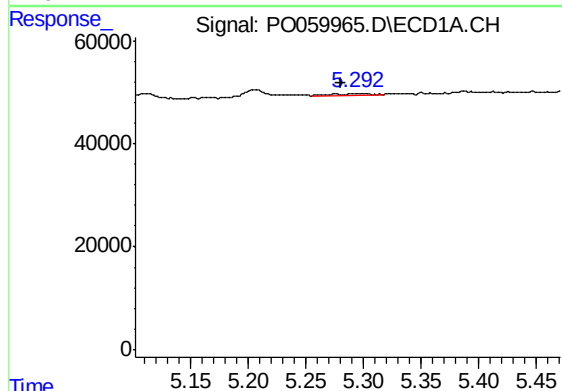
R.T.: 6.184 min
Delta R.T.: -0.022 min
Response: 14555
Conc: 11.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



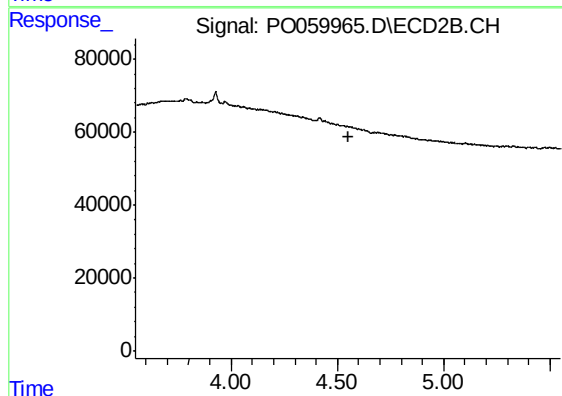
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



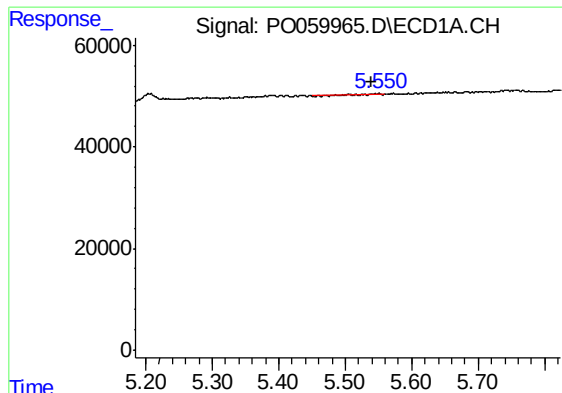
#21 AR-1248-1

R.T.: 5.295 min
Delta R.T.: 0.015 min
Response: 10246
Conc: 10.22 ng/ml



#21 AR-1248-1

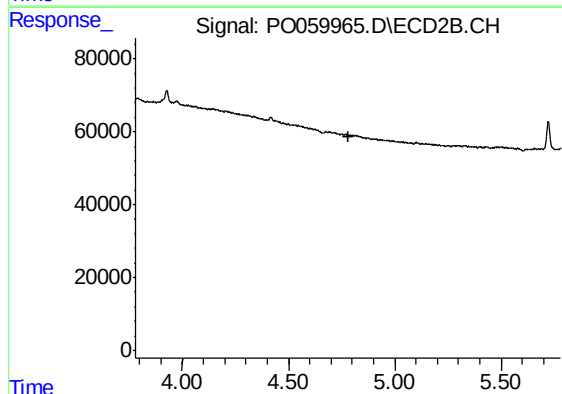
R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

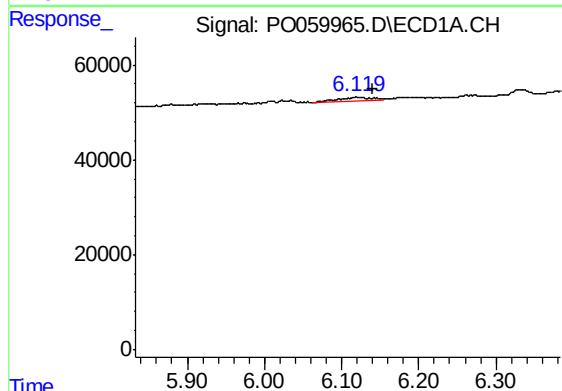
R.T.: 5.548 min
Delta R.T.: 0.008 min
Response: 4184
Conc: 2.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



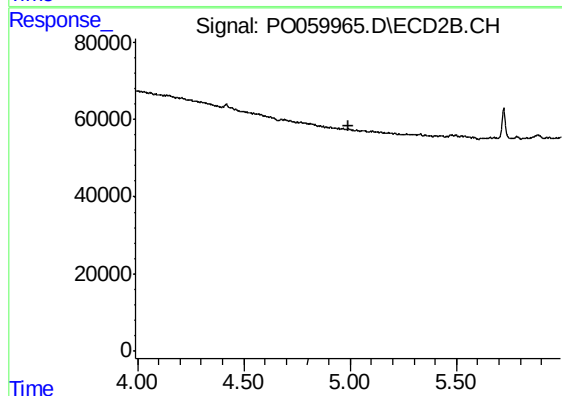
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



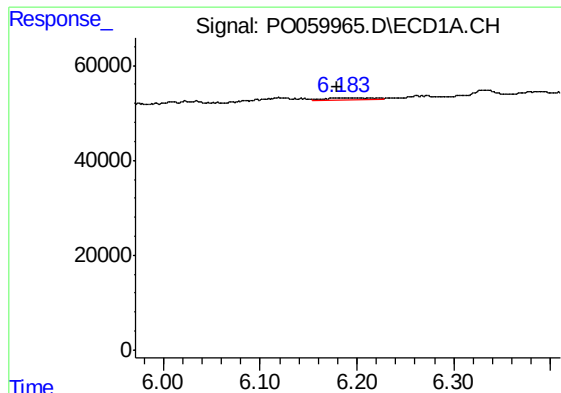
#24 AR-1248-4

R.T.: 6.120 min
Delta R.T.: -0.020 min
Response: 26759
Conc: 13.09 ng/ml



#24 AR-1248-4

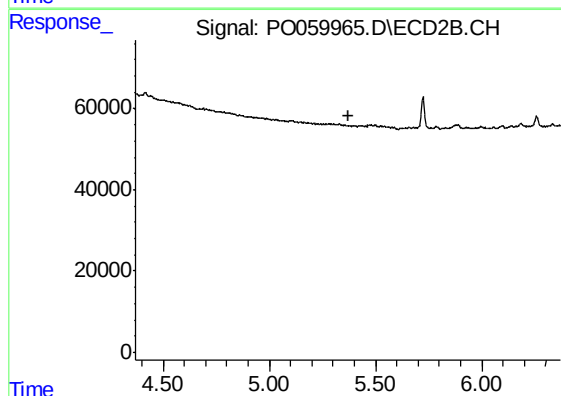
R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



#25 AR-1248-5

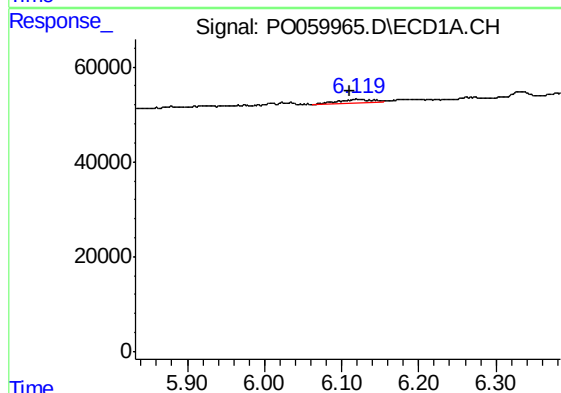
R.T.: 6.184 min
Delta R.T.: 0.004 min
Response: 14555
Conc: 7.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



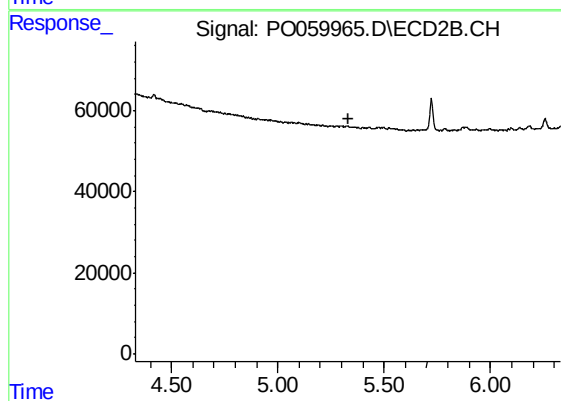
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



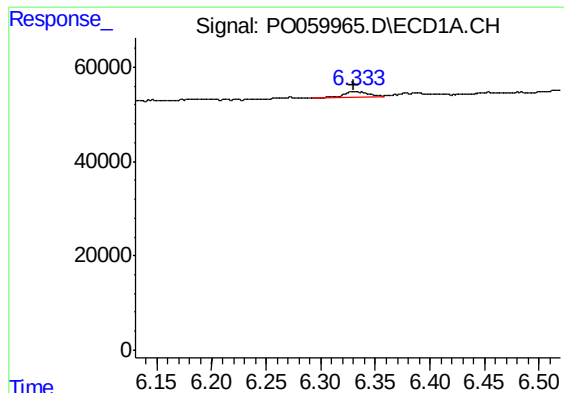
#26 AR-1254-1

R.T.: 6.120 min
Delta R.T.: 0.010 min
Response: 26759
Conc: 12.83 ng/ml



#26 AR-1254-1

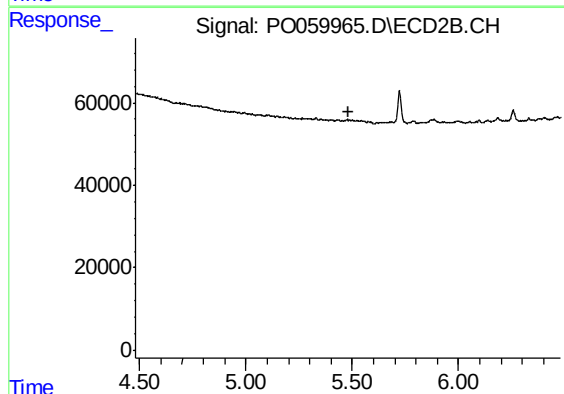
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

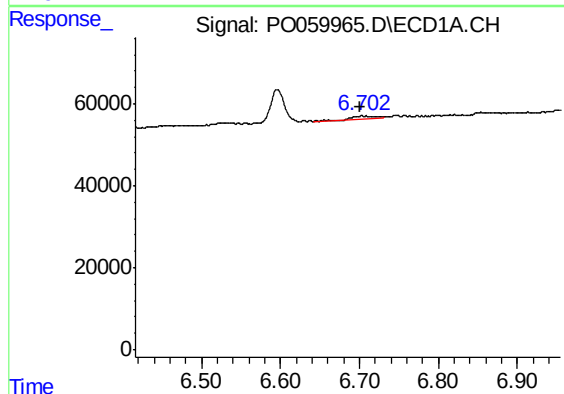
R.T.: 6.331 min
Delta R.T.: 0.001 min
Response: 20174
Conc: 6.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



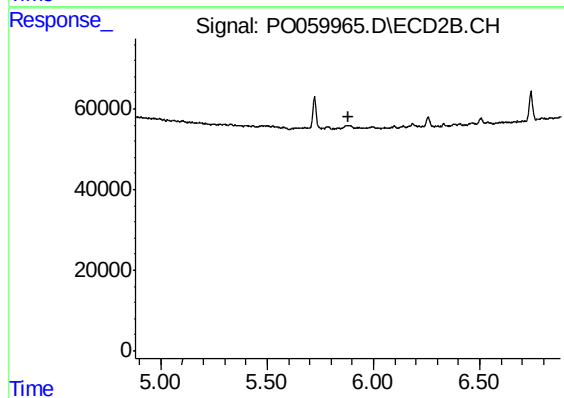
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.480 min
Response: 0
Conc: N.D.



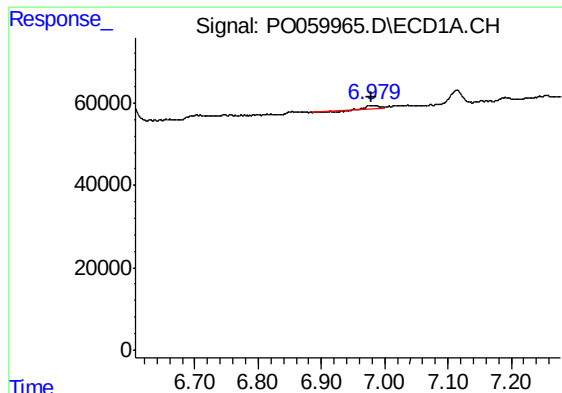
#28 AR-1254-3

R.T.: 6.705 min
Delta R.T.: 0.005 min
Response: 18533
Conc: 5.22 ng/ml



#28 AR-1254-3

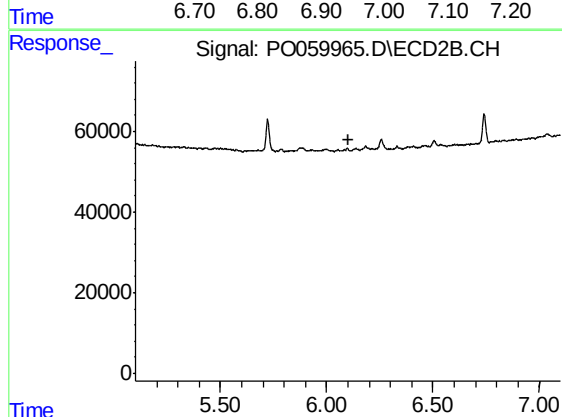
R.T.: 0.000 min
Exp R.T. : 5.880 min
Response: 0
Conc: N.D.



#29 AR-1254-4

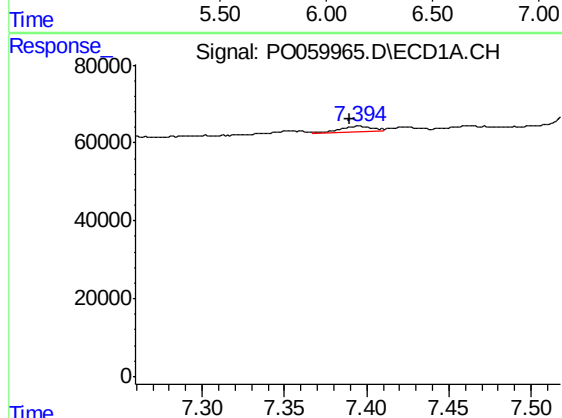
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 13250
Conc: 4.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



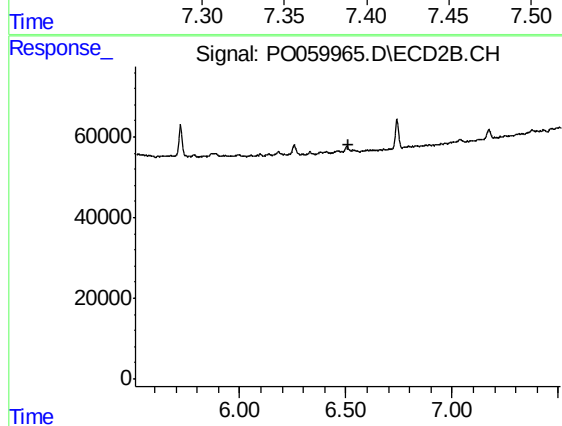
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.100 min
Response: 0
Conc: N.D.



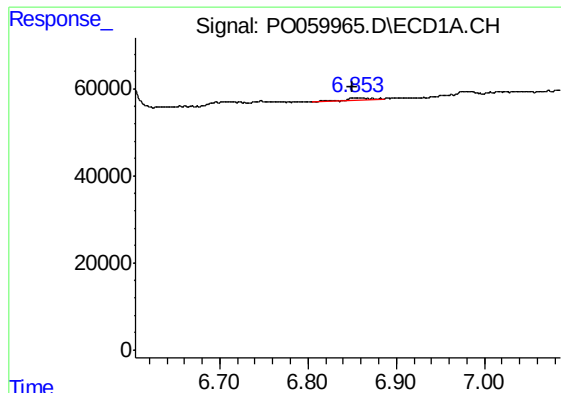
#30 AR-1254-5

R.T.: 7.395 min
Delta R.T.: 0.005 min
Response: 20700
Conc: 6.69 ng/ml



#30 AR-1254-5

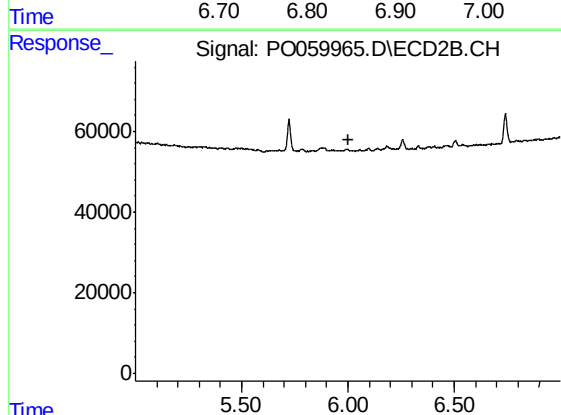
R.T.: 0.000 min
Exp R.T. : 6.510 min
Response: 0
Conc: N.D.



#31 AR-1260-1

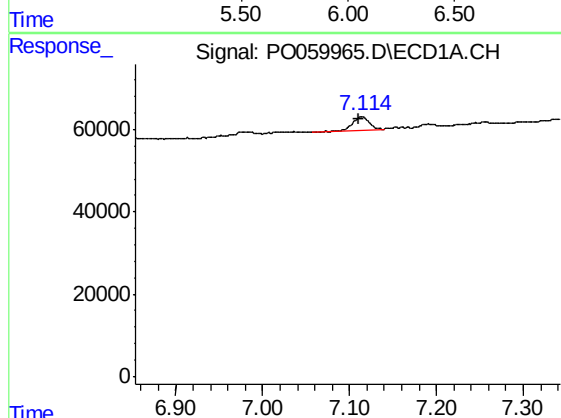
R.T.: 6.854 min
Delta R.T.: 0.004 min
Response: 8149
Conc: 3.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



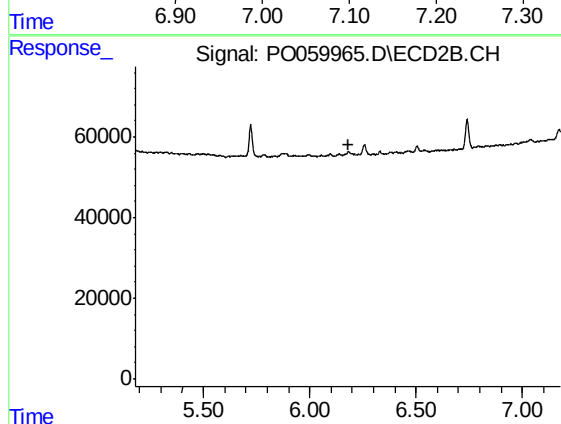
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.000 min
Response: 0
Conc: N.D.



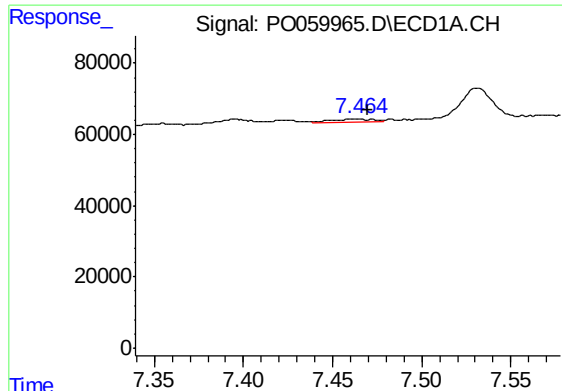
#32 AR-1260-2

R.T.: 7.114 min
Delta R.T.: 0.004 min
Response: 45133
Conc: 12.16 ng/ml



#32 AR-1260-2

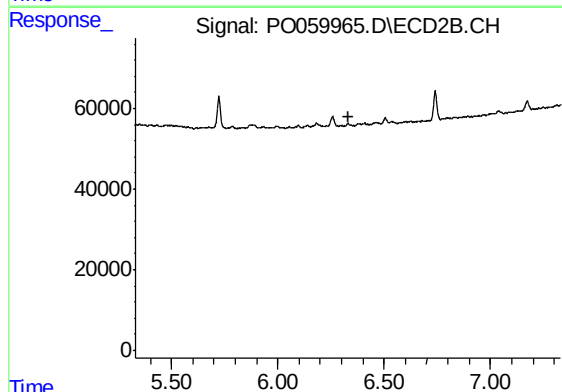
R.T.: 0.000 min
Exp R.T. : 6.180 min
Response: 0
Conc: N.D.



#33 AR-1260-3

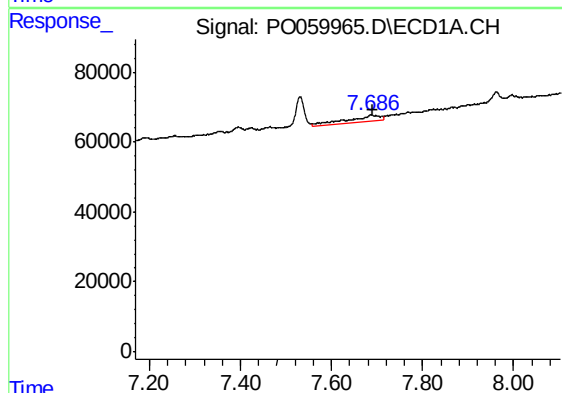
R.T.: 7.464 min
Delta R.T.: -0.006 min
Response: 11629
Conc: 3.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



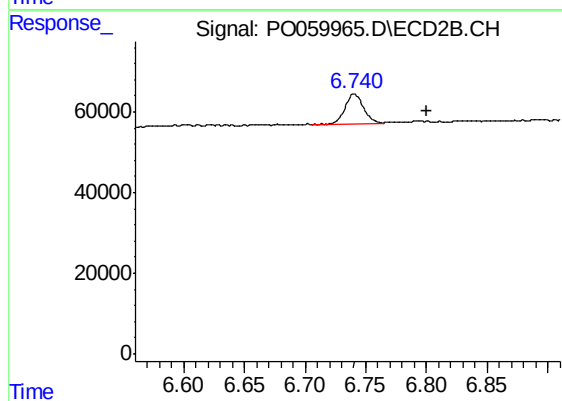
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.330 min
Response: 0
Conc: N.D.



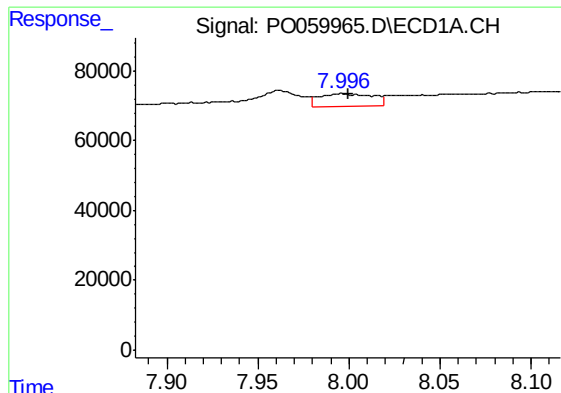
#34 AR-1260-4

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 77838
Conc: 25.34 ng/ml



#34 AR-1260-4

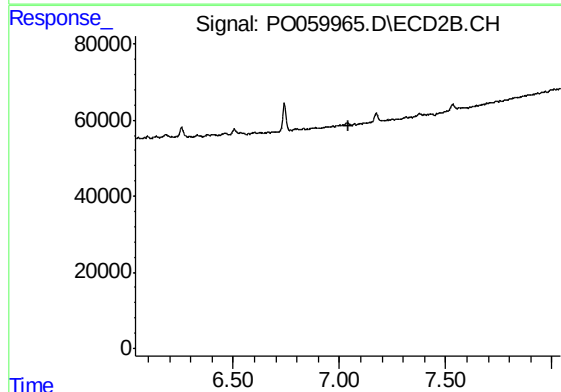
R.T.: 6.741 min
Delta R.T.: -0.059 min
Response: 75496
Conc: 33.37 ng/ml



#35 AR-1260-5

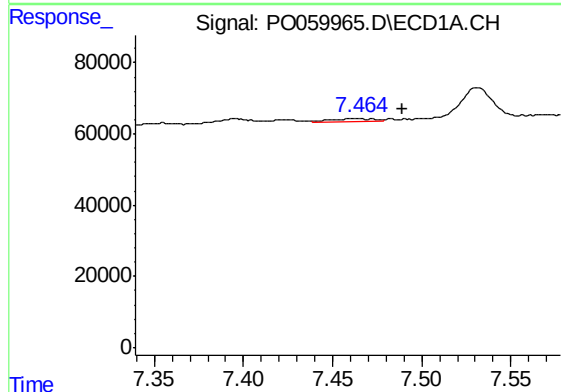
R.T.: 7.996 min
Delta R.T.: -0.004 min
Response: 75623
Conc: 10.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



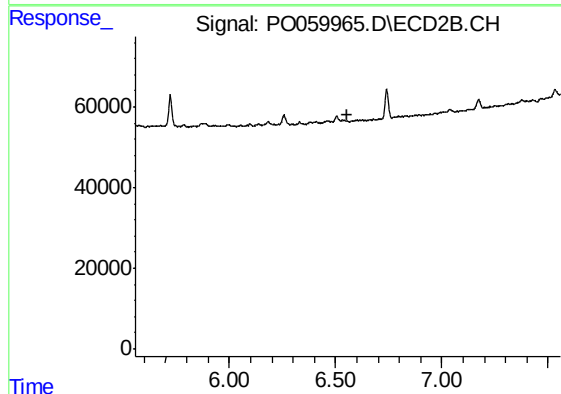
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.040 min
Response: 0
Conc: N.D.



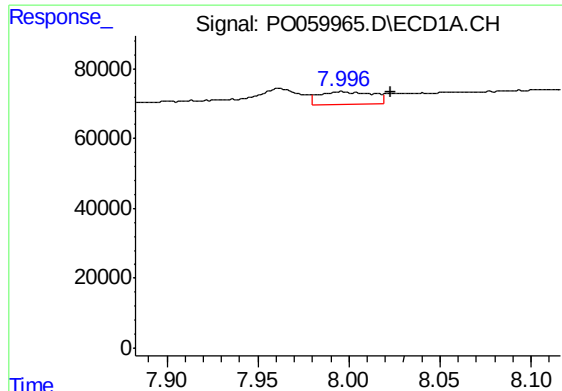
#36 AR-1262-1

R.T.: 7.464 min
Delta R.T.: -0.025 min
Response: 11629
Conc: 2.40 ng/ml



#36 AR-1262-1

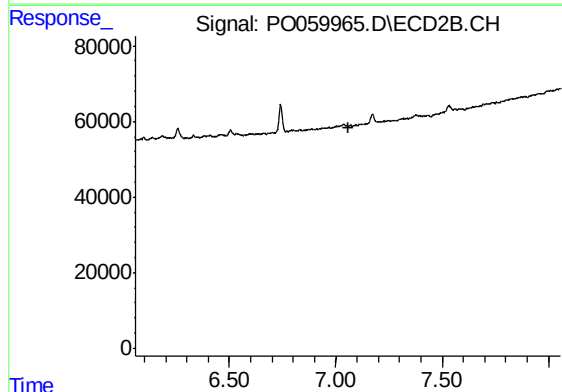
R.T.: 0.000 min
Exp R.T. : 6.558 min
Response: 0
Conc: N.D.



#37 AR-1262-2

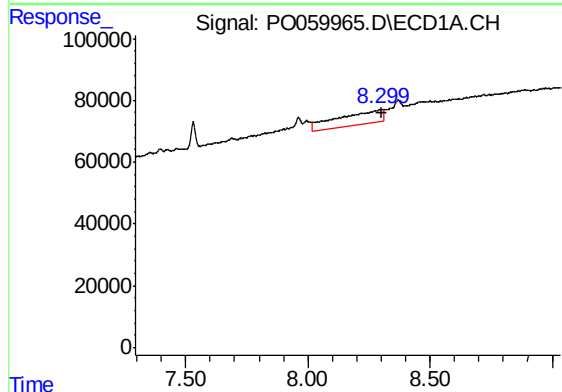
R.T.: 7.996 min
Delta R.T.: -0.027 min
Response: 75623
Conc: 9.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



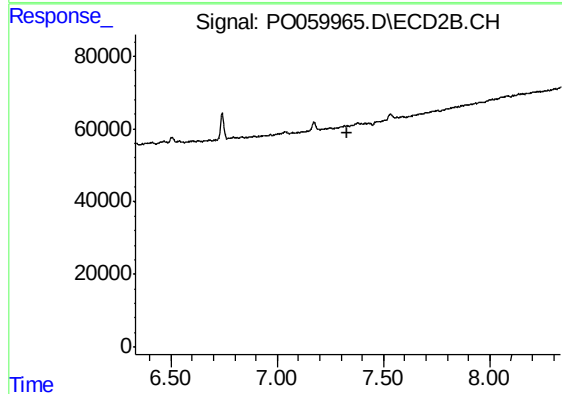
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.057 min
Response: 0
Conc: N.D.



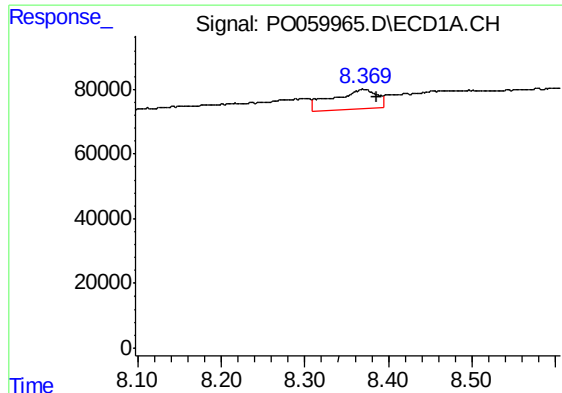
#38 AR-1262-3

R.T.: 8.299 min
Delta R.T.: -0.004 min
Response: 559651
Conc: 109.69 ng/ml



#38 AR-1262-3

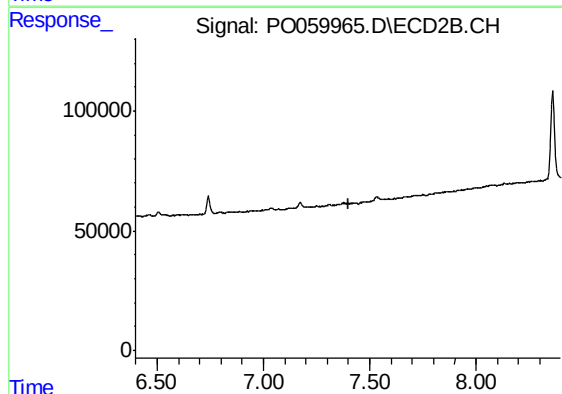
R.T.: 0.000 min
Exp R.T. : 7.332 min
Response: 0
Conc: N.D.



#39 AR-1262-4

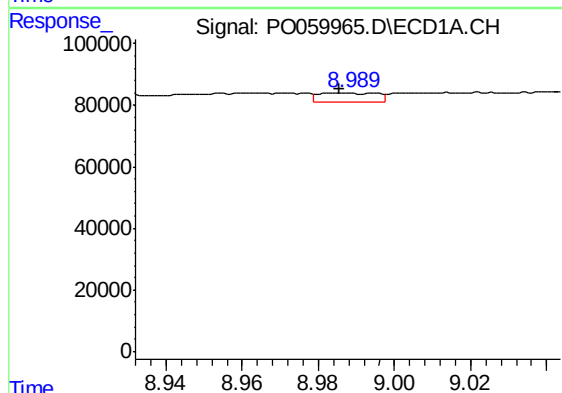
R.T.: 8.370 min
Delta R.T.: -0.016 min
Response: 221627
Conc: 57.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



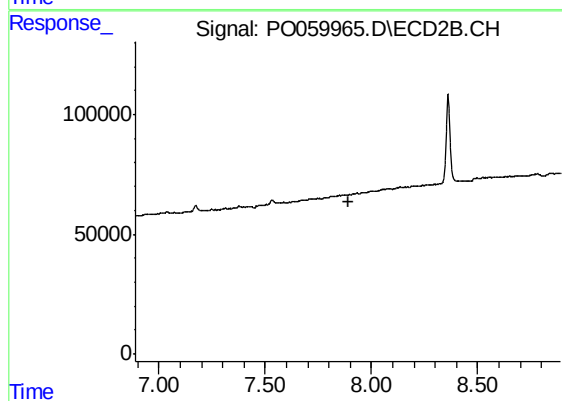
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.398 min
Response: 0
Conc: N.D.



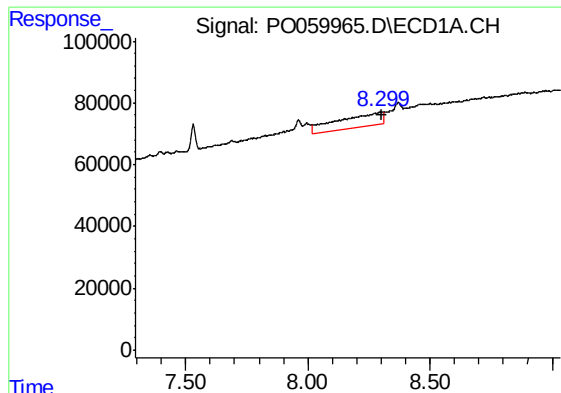
#40 AR-1262-5

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 30529
Conc: 11.89 ng/ml



#40 AR-1262-5

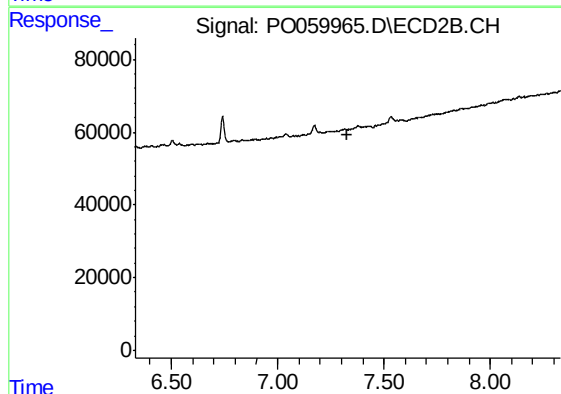
R.T.: 0.000 min
Exp R.T. : 7.889 min
Response: 0
Conc: N.D.



#41 AR-1268-1

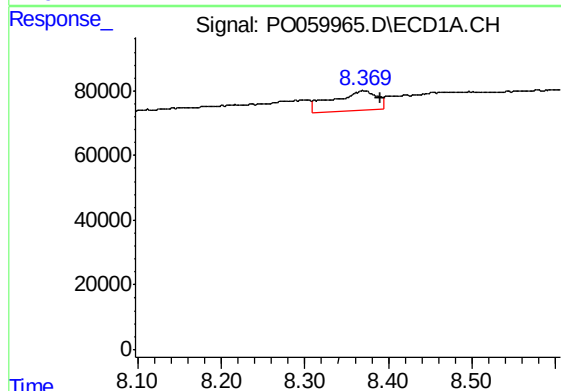
R.T.: 8.299 min
Delta R.T.: -0.003 min
Response: 559651
Conc: 59.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



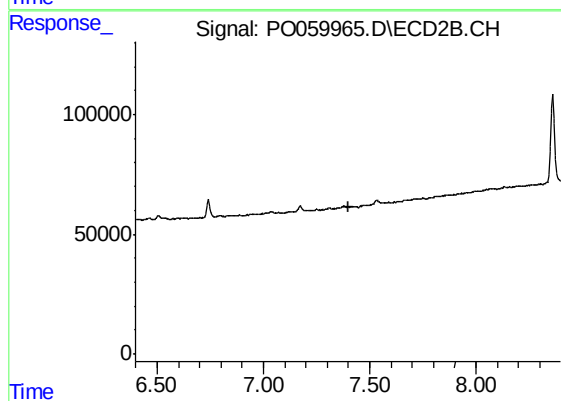
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.330 min
Response: 0
Conc: N.D.



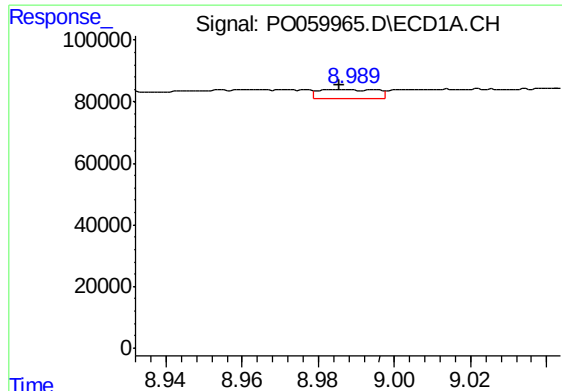
#42 AR-1268-2

R.T.: 8.370 min
Delta R.T.: -0.020 min
Response: 221627
Conc: 28.12 ng/ml



#42 AR-1268-2

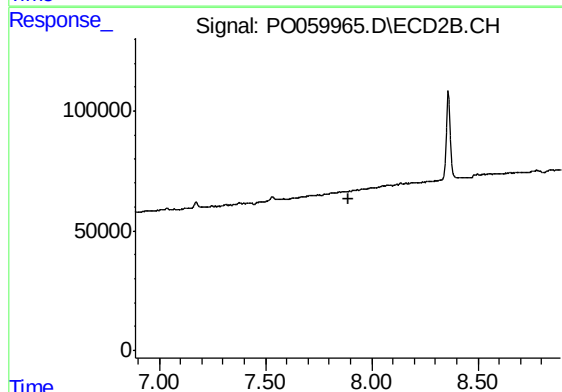
R.T.: 0.000 min
Exp R.T. : 7.397 min
Response: 0
Conc: N.D.



#44 AR-1268-4

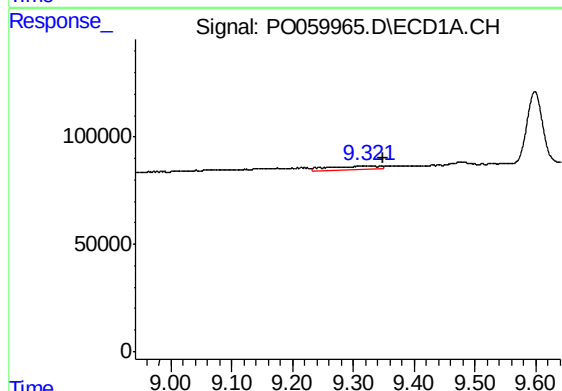
R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 30529
Conc: 10.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
S401-K1-1.0-1.5-082619RE



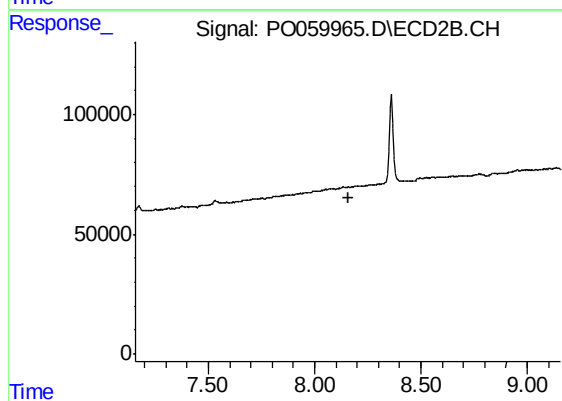
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.322 min
Delta R.T.: -0.028 min
Response: 106298
Conc: 5.76 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.