

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032419\
 Data File : P0054568.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Mar 2019 21:29
 Operator : SM/SJ
 Sample : K2033-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 032019-LIFT-F-U-M

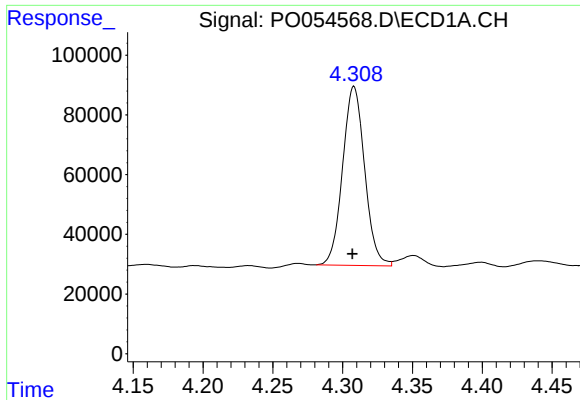
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 05:44:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:05:57 2019
 Response via : Initial Calibration
 Integrator: ChemStation 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...	4.308	3.626	658576	614053	18.850	18.531
2)	SA Decachlor...	9.930	8.610	632949	452751	13.461	13.618
Target Compounds							
3)	L1 AR-1016-1	5.491	4.707	23149	16935	13.807	10.622
4)	L1 AR-1016-2	5.491	4.724	23149	21253	9.978	9.964
5)	L1 AR-1016-3	5.542	4.899	29002	14730	19.713	12.107 #
6)	L1 AR-1016-4	0.000	4.941	0	17683	N.D.	17.954 #
7)	L1 AR-1016-5	0.000	5.153	0	20035	N.D.	15.541 #
8)	L2 AR-1221-1	4.522	3.829	47171	9317	108.509	22.652 #
9)	L2 AR-1221-2	4.581	3.924	115892	9009	346.410	28.653 #
10)	L2 AR-1221-3	4.692	4.011	149106	90444	143.907	93.938 #
11)	L3 AR-1232-1	4.692	4.011	149106	90444	181.156	119.917 #
12)	L3 AR-1232-2	5.184	4.724	84027	21253	183.479	25.276 #
13)	L3 AR-1232-3	5.491	4.899	23149	14730	25.493	31.357
14)	L3 AR-1232-4	0.000	4.983	0	12298	N.D.	29.350 #
15)	L3 AR-1232-5	5.739	5.153	38722	20035	102.906	42.780 #
16)	L4 AR-1242-1	5.491	4.707	23149	16935	18.099	14.162
17)	L4 AR-1242-2	5.491	4.724	23149	21253	13.128	13.332
18)	L4 AR-1242-3	5.542	4.899	29002	14730	25.493	16.064 #
19)	L4 AR-1242-4	0.000	4.983	0	12298	N.D.	13.492 #
20)	L4 AR-1242-5	6.319	5.504	20898	16352	19.069	13.719 #
21)	L5 AR-1248-1	5.491	4.707	23149	16935	17.490	14.259
22)	L5 AR-1248-2	5.739	4.941	38722	17683	20.154	10.959 #
23)	L5 AR-1248-3	0.000	4.983	0	12298	N.D.	7.372 #
24)	L5 AR-1248-4	6.319	5.153	20898	20035	8.300	9.826
25)	L5 AR-1248-5	6.319	5.546	20898	31114	8.681	15.612 #
26)	L6 AR-1254-1	6.319	5.504	20898	16352	11.392	7.455 #
27)	L6 AR-1254-2	6.542	0.000	18188	0	6.291	N.D. #
28)	L6 AR-1254-3	6.906	6.094	30790	5629	9.524	1.731 #
30)	L6 AR-1254-5	0.000	6.699	0	9754	N.D.	3.246 #
32)	L7 AR-1260-2	7.383	6.360	63065	23000	20.824	8.063 #
33)	L7 AR-1260-3	0.000	6.579	0	40879	N.D.	15.325 #
34)	L7 AR-1260-4	7.841	7.009	130975	2012	47.788	0.899 #
36)	L8 AR-1262-1	0.000	6.699	0	9754	N.D.	2.951 #
38)	L8 AR-1262-3	0.000	7.554	0	14715	N.D.	6.367 #
39)	L8 AR-1262-4	0.000	7.554	0	14715	N.D.	3.586 #
41)	L9 AR-1268-1	0.000	7.554	0	14715	N.D.	2.374 #
42)	L9 AR-1268-2	0.000	7.554	0	14715	N.D.	2.638 #

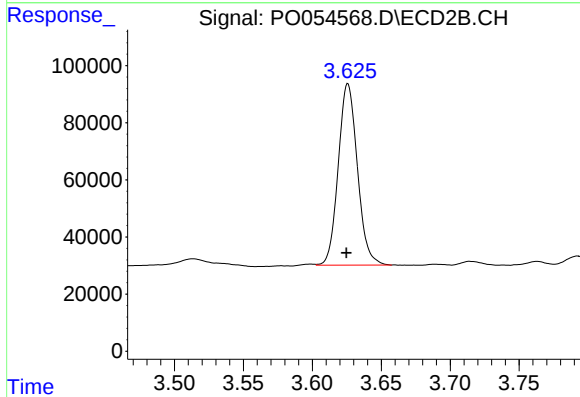
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

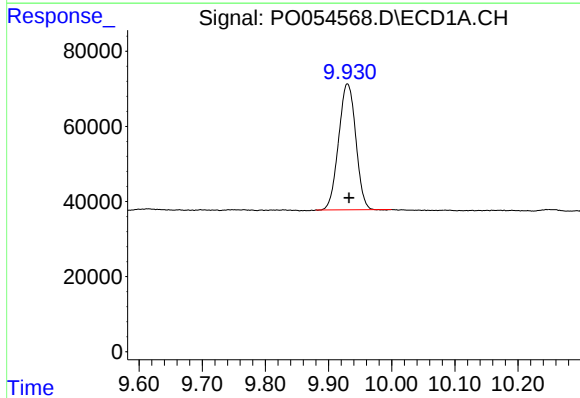
R.T.: 4.308 min
Delta R.T.: 0.001 min
Response: 658576
Conc: 18.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



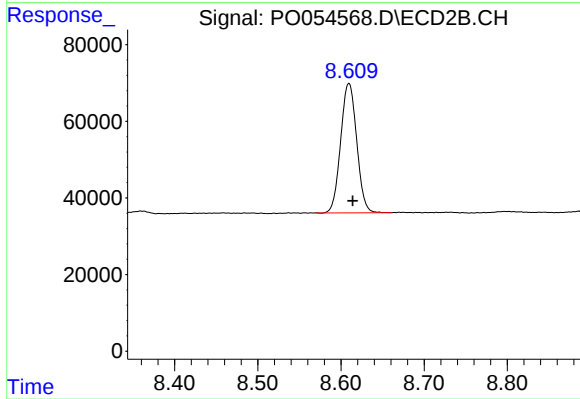
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: 0.001 min
Response: 614053
Conc: 18.53 ng/ml



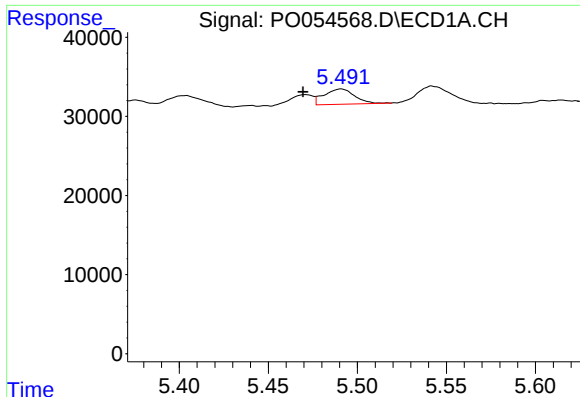
#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: -0.003 min
Response: 632949
Conc: 13.46 ng/ml



#2 Decachlorobiphenyl

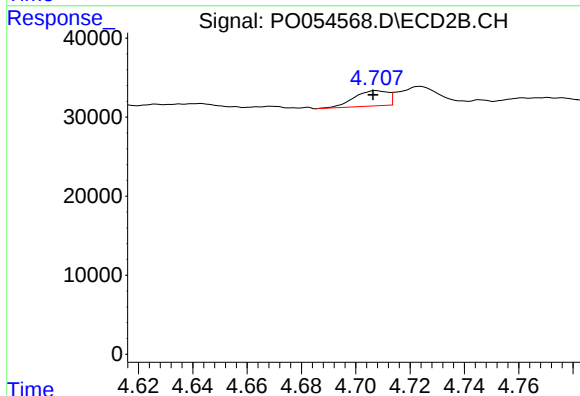
R.T.: 8.610 min
Delta R.T.: -0.005 min
Response: 452751
Conc: 13.62 ng/ml



#3 AR-1016-1

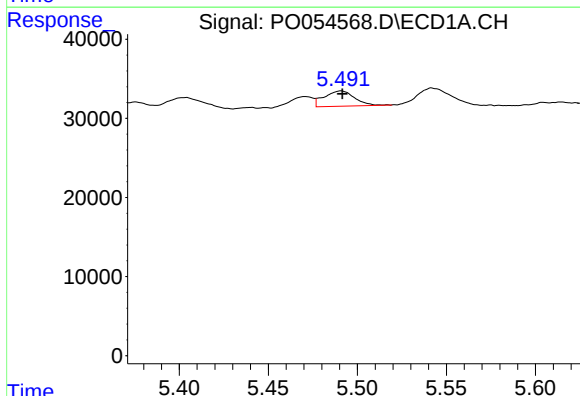
R.T.: 5.491 min
Delta R.T.: 0.021 min
Response: 23149
Conc: 13.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



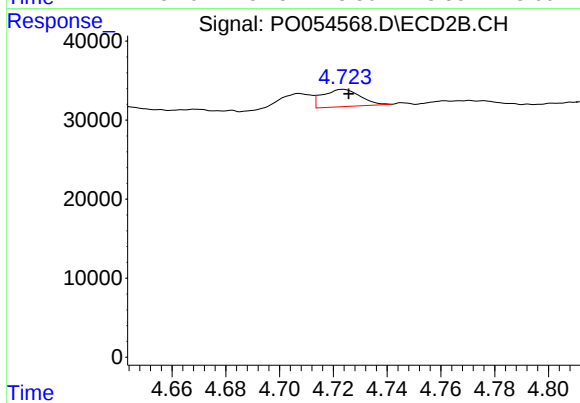
#3 AR-1016-1

R.T.: 4.707 min
Delta R.T.: 0.001 min
Response: 16935
Conc: 10.62 ng/ml



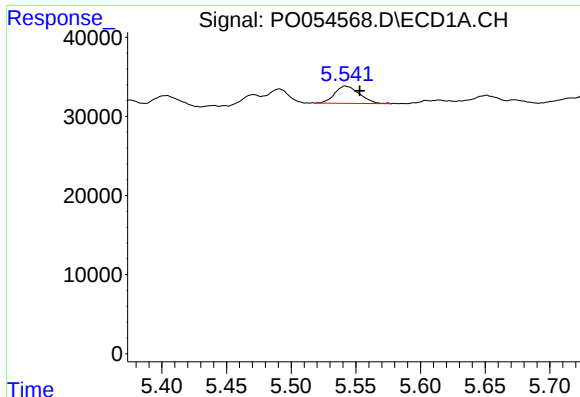
#4 AR-1016-2

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 23149
Conc: 9.98 ng/ml



#4 AR-1016-2

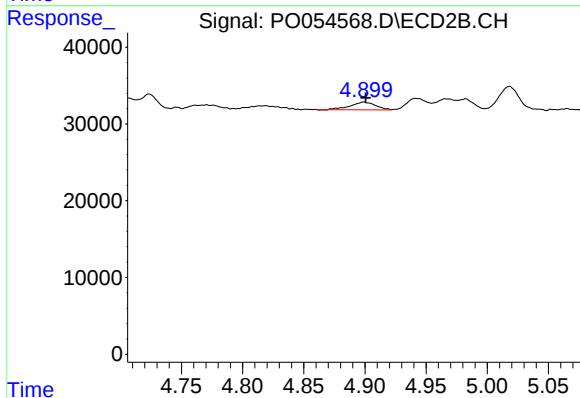
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 21253
Conc: 9.96 ng/ml



#5 AR-1016-3

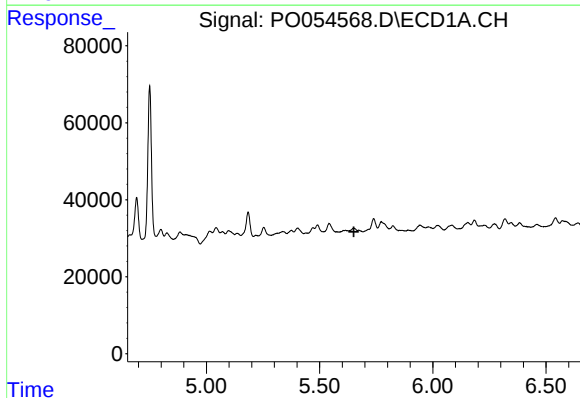
R.T.: 5.542 min
Delta R.T.: -0.011 min
Response: 29002
Conc: 19.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



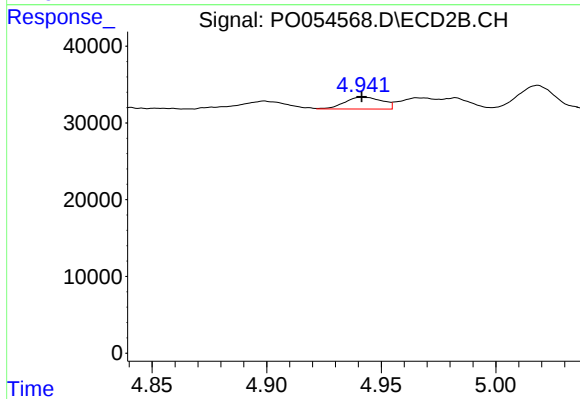
#5 AR-1016-3

R.T.: 4.899 min
Delta R.T.: -0.002 min
Response: 14730
Conc: 12.11 ng/ml



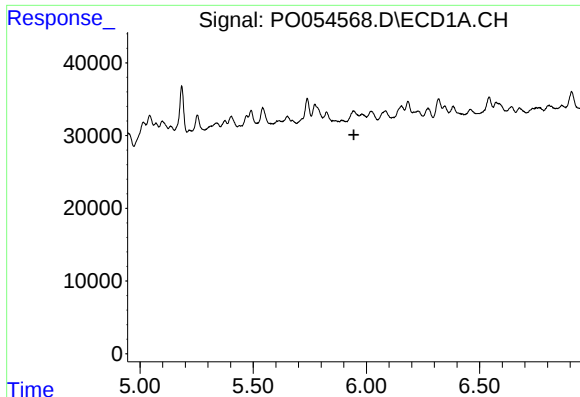
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.651 min
Response: 0
Conc: N.D.



#6 AR-1016-4

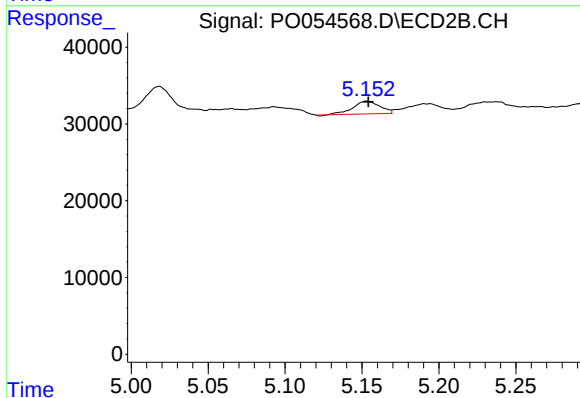
R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 17683
Conc: 17.95 ng/ml



#7 AR-1016-5

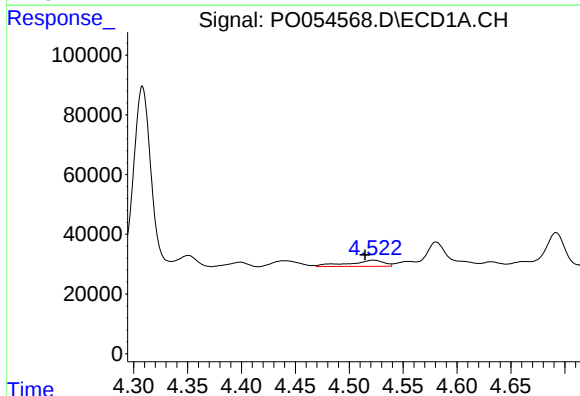
R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



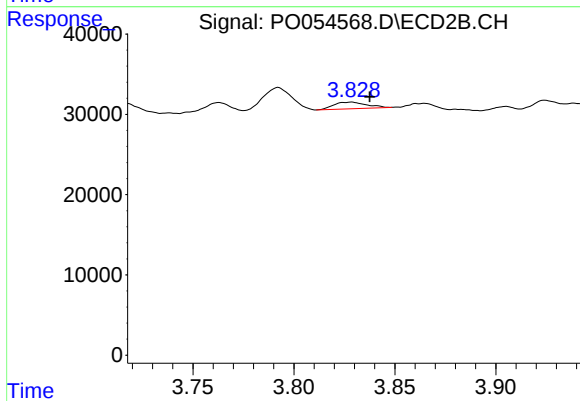
#7 AR-1016-5

R.T.: 5.153 min
Delta R.T.: -0.001 min
Response: 20035
Conc: 15.54 ng/ml



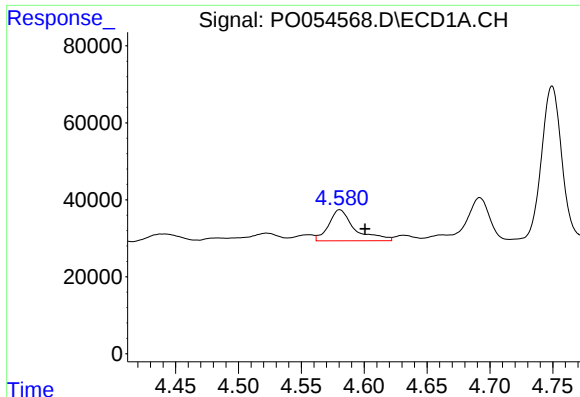
#8 AR-1221-1

R.T.: 4.522 min
Delta R.T.: 0.007 min
Response: 47171
Conc: 108.51 ng/ml



#8 AR-1221-1

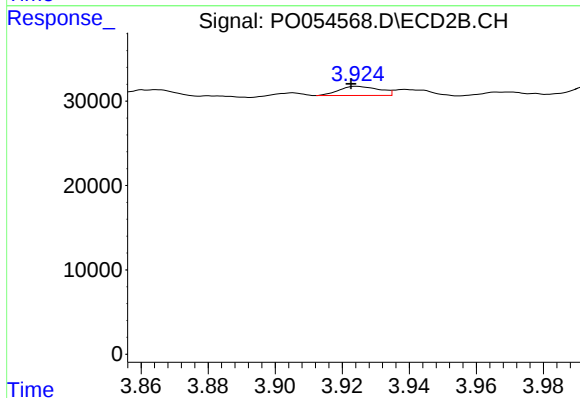
R.T.: 3.829 min
Delta R.T.: -0.009 min
Response: 9317
Conc: 22.65 ng/ml



#9 AR-1221-2

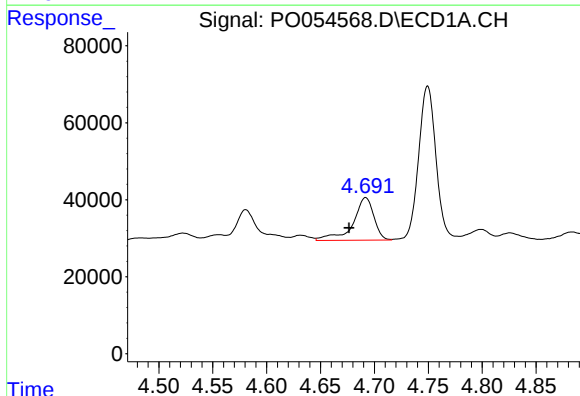
R.T.: 4.581 min
Delta R.T.: -0.020 min
Response: 115892
Conc: 346.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



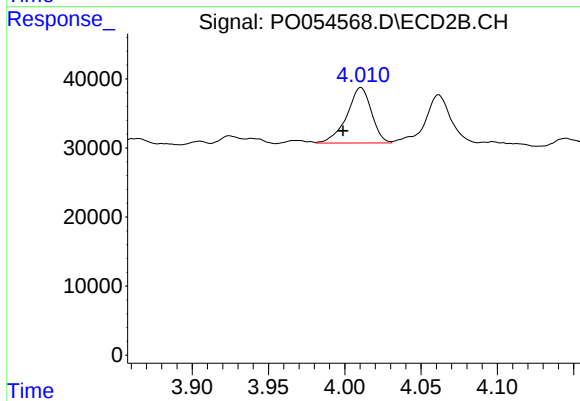
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: 0.002 min
Response: 9009
Conc: 28.65 ng/ml



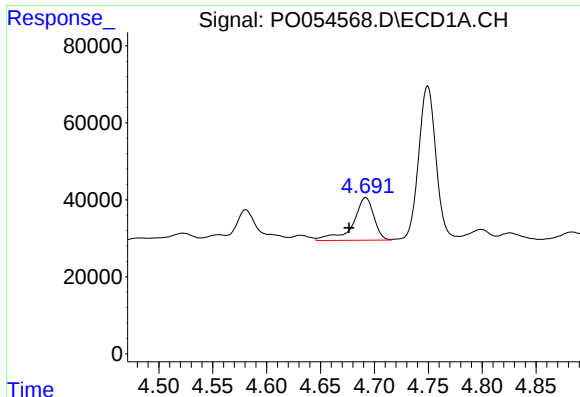
#10 AR-1221-3

R.T.: 4.692 min
Delta R.T.: 0.015 min
Response: 149106
Conc: 143.91 ng/ml



#10 AR-1221-3

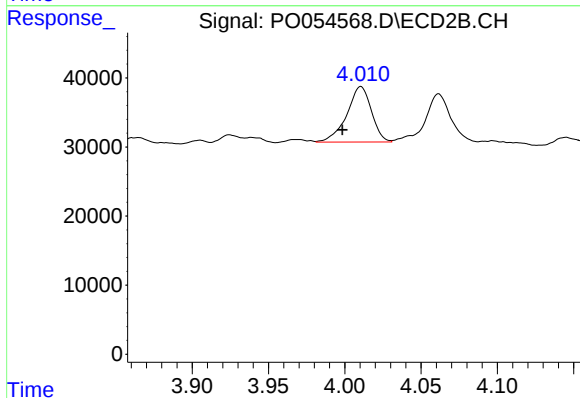
R.T.: 4.011 min
Delta R.T.: 0.012 min
Response: 90444
Conc: 93.94 ng/ml



#11 AR-1232-1

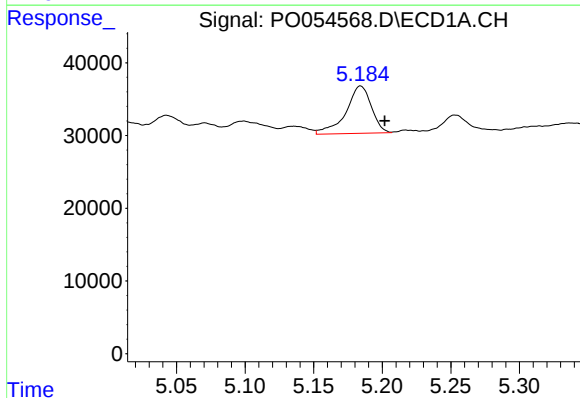
R.T.: 4.692 min
Delta R.T.: 0.016 min
Response: 149106
Conc: 181.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



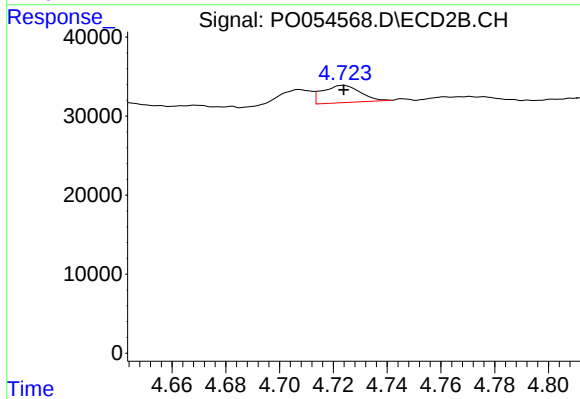
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: 0.012 min
Response: 90444
Conc: 119.92 ng/ml



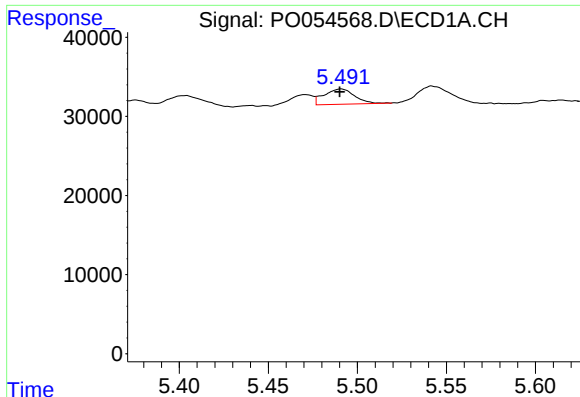
#12 AR-1232-2

R.T.: 5.184 min
Delta R.T.: -0.018 min
Response: 84027
Conc: 183.48 ng/ml



#12 AR-1232-2

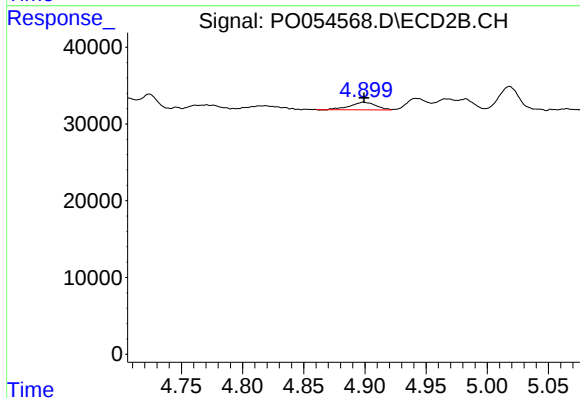
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 21253
Conc: 25.28 ng/ml



#13 AR-1232-3

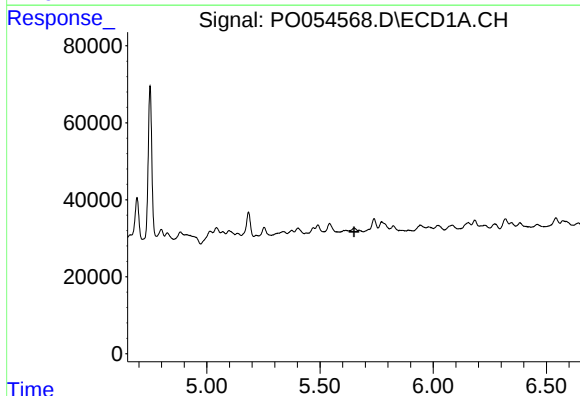
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 23149
Conc: 25.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



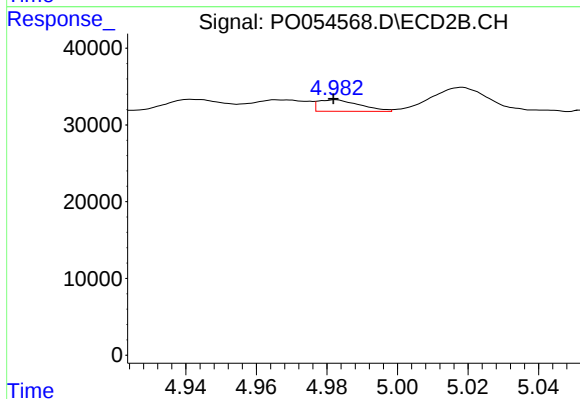
#13 AR-1232-3

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 14730
Conc: 31.36 ng/ml



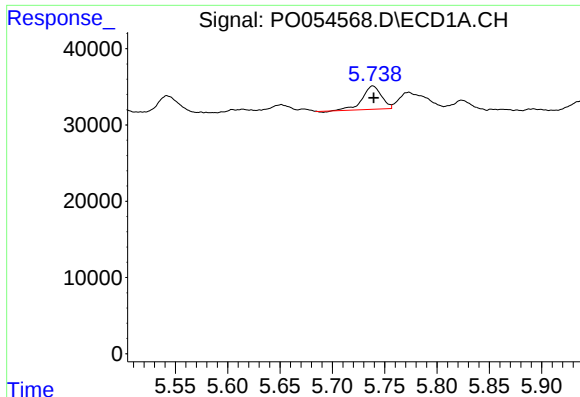
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.650 min
Response: 0
Conc: N.D.



#14 AR-1232-4

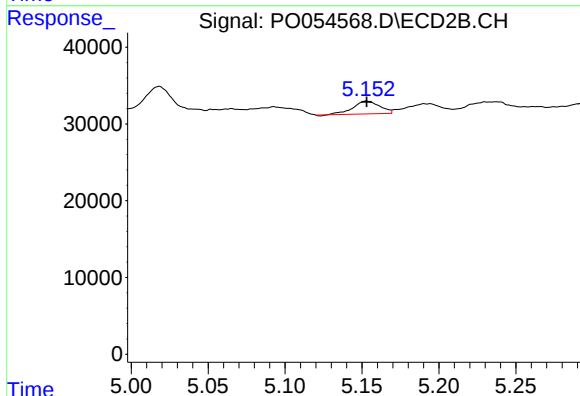
R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 12298
Conc: 29.35 ng/ml



#15 AR-1232-5

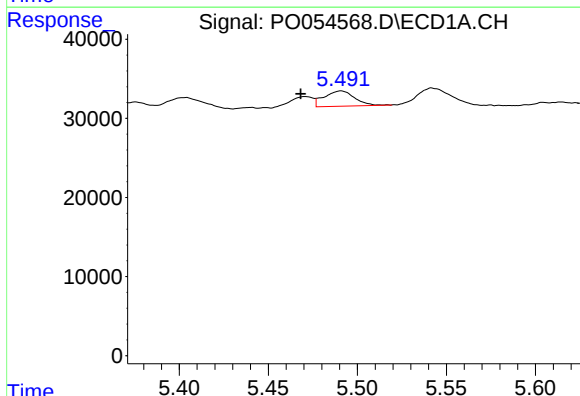
R.T.: 5.739 min
Delta R.T.: -0.001 min
Response: 38722
Conc: 102.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



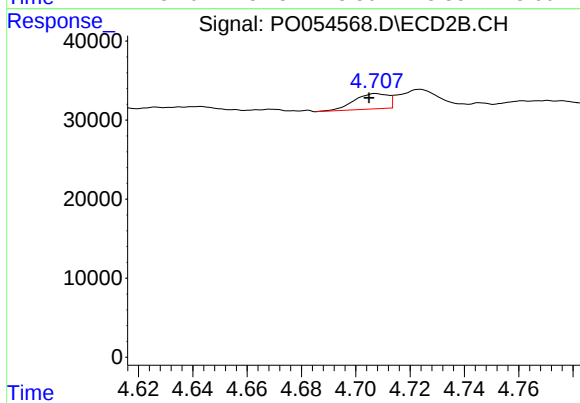
#15 AR-1232-5

R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 20035
Conc: 42.78 ng/ml



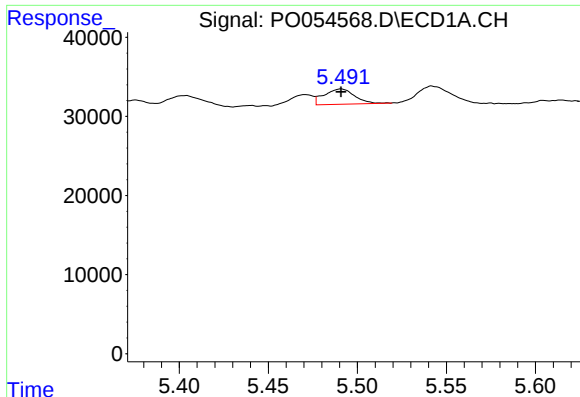
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: 0.023 min
Response: 23149
Conc: 18.10 ng/ml



#16 AR-1242-1

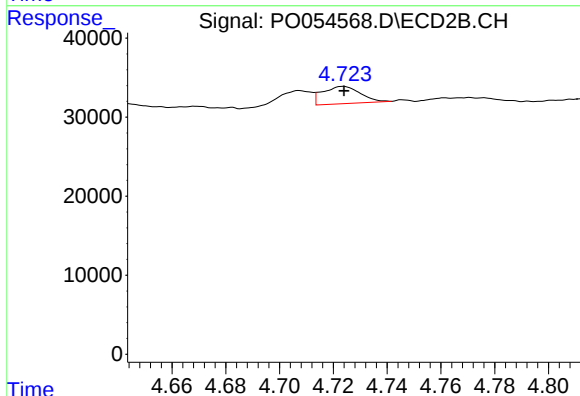
R.T.: 4.707 min
Delta R.T.: 0.002 min
Response: 16935
Conc: 14.16 ng/ml



#17 AR-1242-2

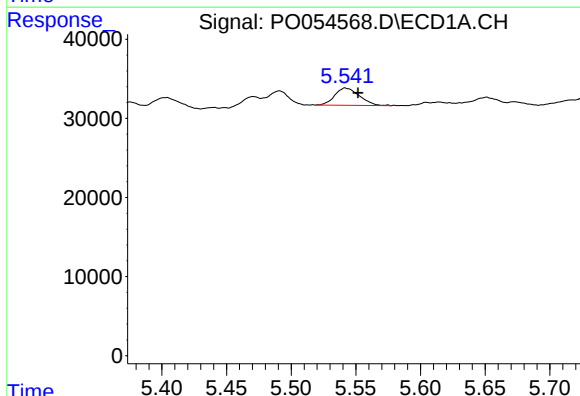
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 23149
Conc: 13.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



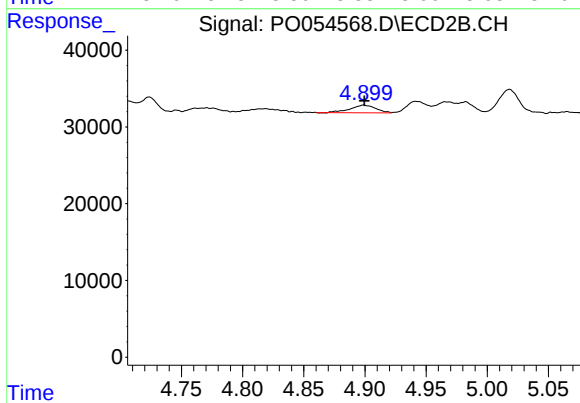
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 21253
Conc: 13.33 ng/ml



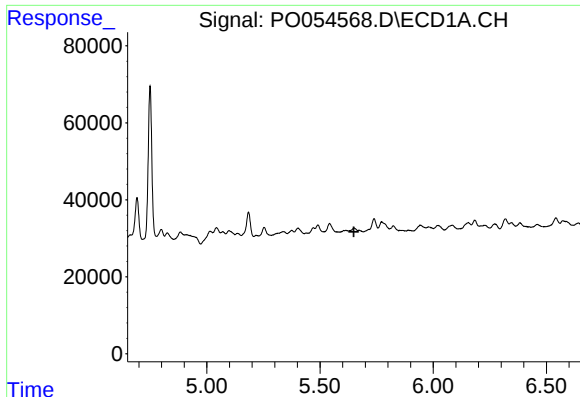
#18 AR-1242-3

R.T.: 5.542 min
Delta R.T.: -0.010 min
Response: 29002
Conc: 25.49 ng/ml



#18 AR-1242-3

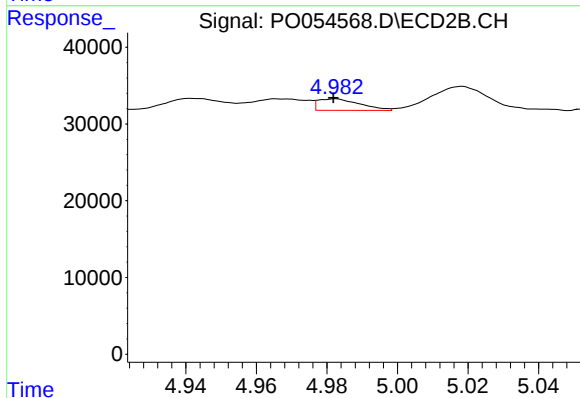
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 14730
Conc: 16.06 ng/ml



#19 AR-1242-4

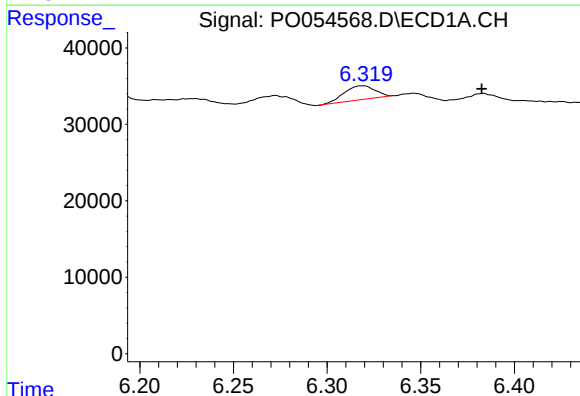
R.T.: 0.000 min
Exp R.T.: 5.650 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



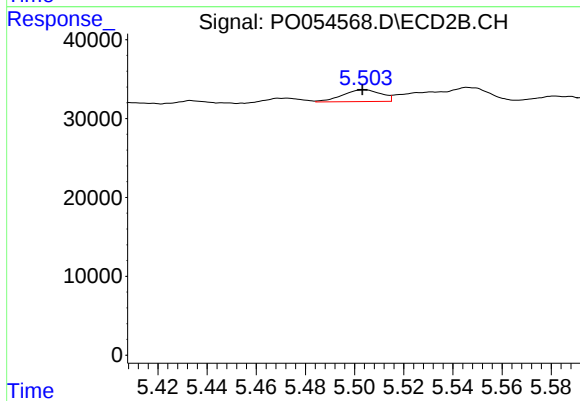
#19 AR-1242-4

R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 12298
Conc: 13.49 ng/ml



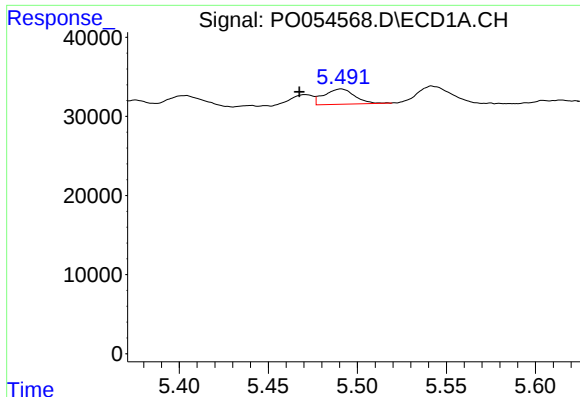
#20 AR-1242-5

R.T.: 6.319 min
Delta R.T.: -0.063 min
Response: 20898
Conc: 19.07 ng/ml



#20 AR-1242-5

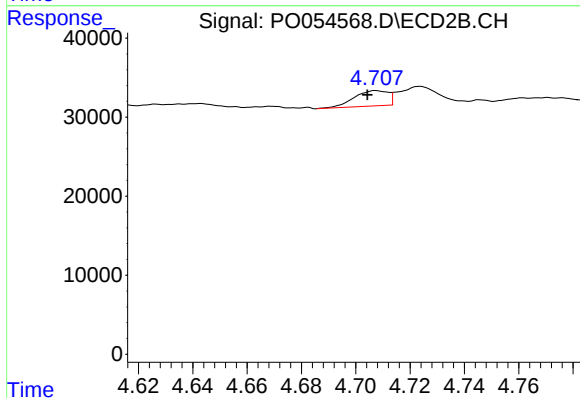
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 16352
Conc: 13.72 ng/ml



#21 AR-1248-1

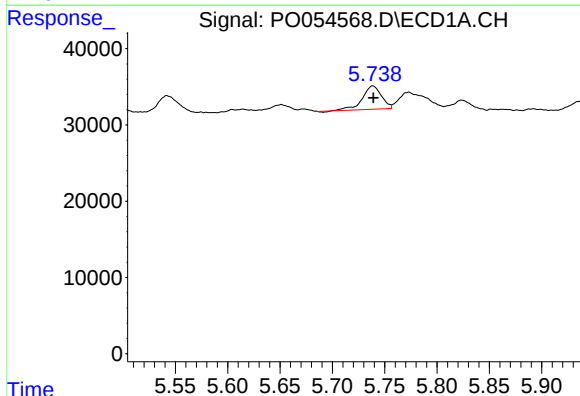
R.T.: 5.491 min
Delta R.T.: 0.023 min
Response: 23149
Conc: 17.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



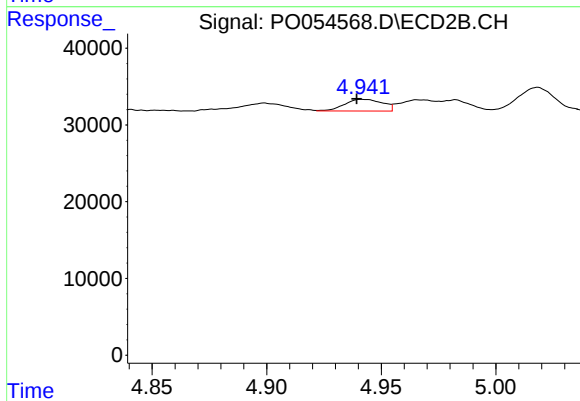
#21 AR-1248-1

R.T.: 4.707 min
Delta R.T.: 0.003 min
Response: 16935
Conc: 14.26 ng/ml



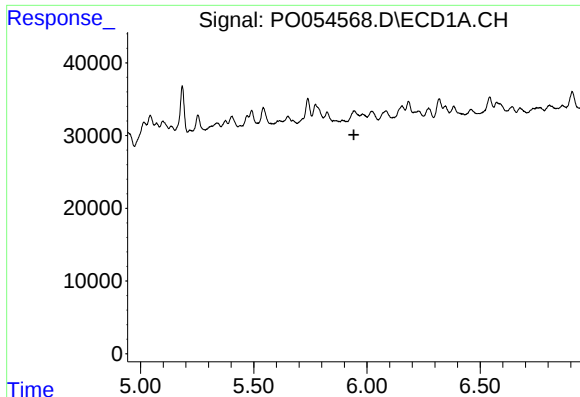
#22 AR-1248-2

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 38722
Conc: 20.15 ng/ml



#22 AR-1248-2

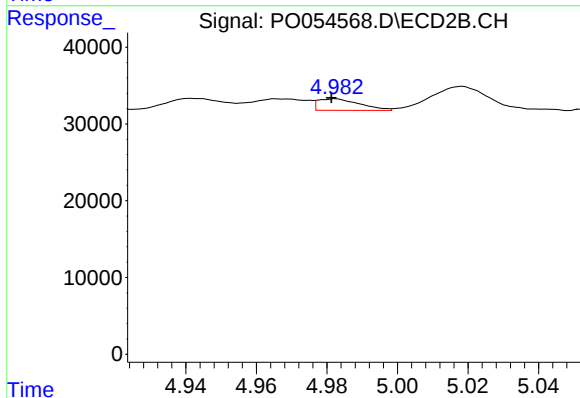
R.T.: 4.941 min
Delta R.T.: 0.002 min
Response: 17683
Conc: 10.96 ng/ml



#23 AR-1248-3

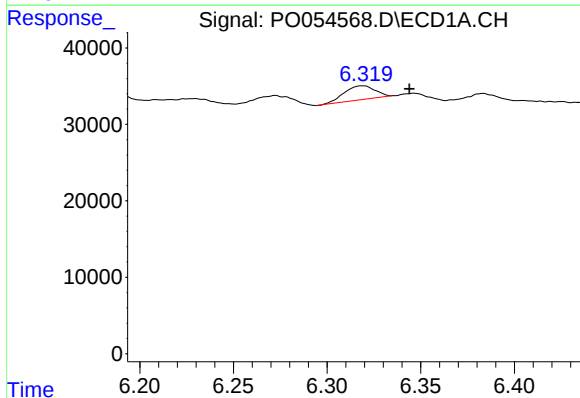
R.T.: 0.000 min
Exp R.T.: 5.942 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



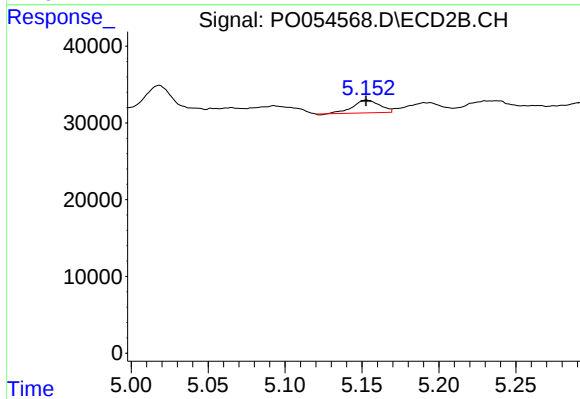
#23 AR-1248-3

R.T.: 4.983 min
Delta R.T.: 0.001 min
Response: 12298
Conc: 7.37 ng/ml



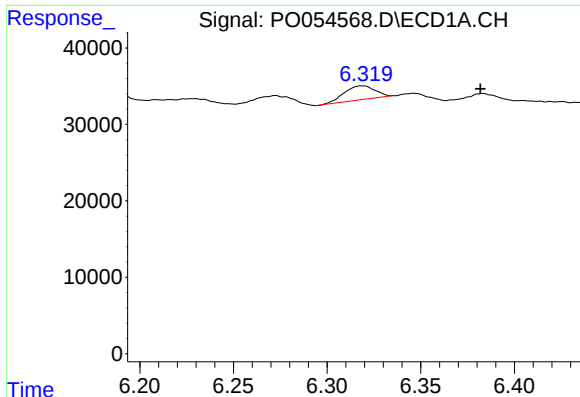
#24 AR-1248-4

R.T.: 6.319 min
Delta R.T.: -0.025 min
Response: 20898
Conc: 8.30 ng/ml



#24 AR-1248-4

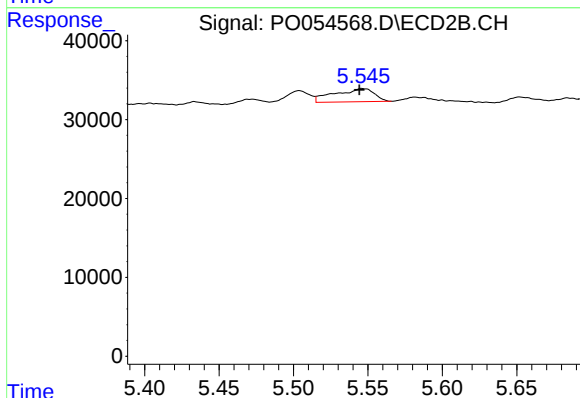
R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 20035
Conc: 9.83 ng/ml



#25 AR-1248-5

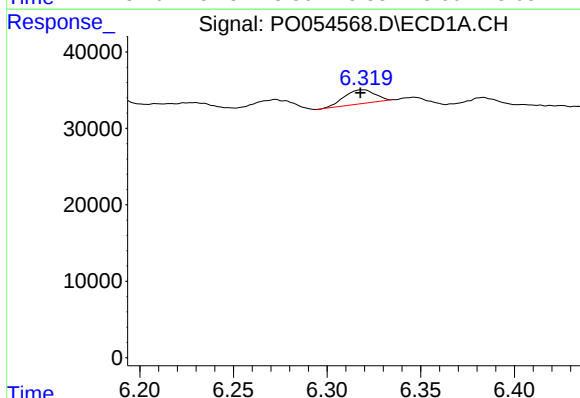
R.T.: 6.319 min
Delta R.T.: -0.063 min
Response: 20898
Conc: 8.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



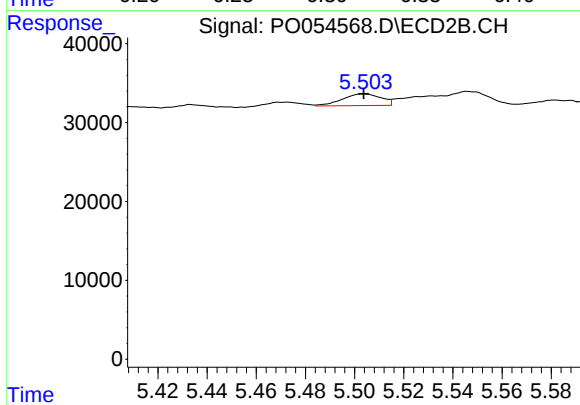
#25 AR-1248-5

R.T.: 5.546 min
Delta R.T.: 0.002 min
Response: 31114
Conc: 15.61 ng/ml



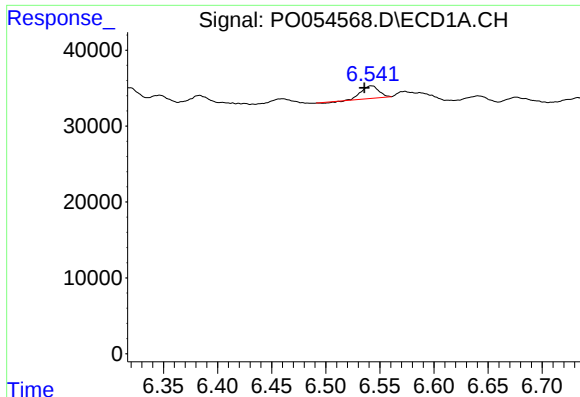
#26 AR-1254-1

R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 20898
Conc: 11.39 ng/ml



#26 AR-1254-1

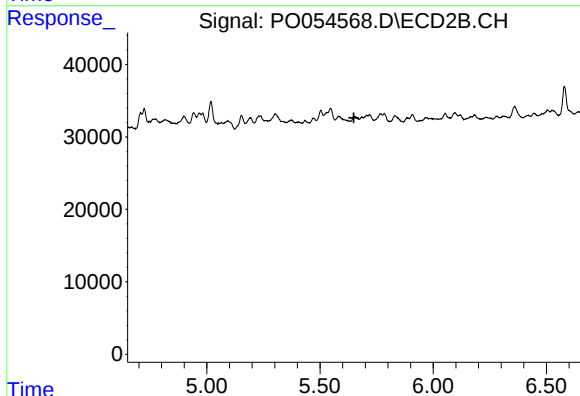
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 16352
Conc: 7.46 ng/ml



#27 AR-1254-2

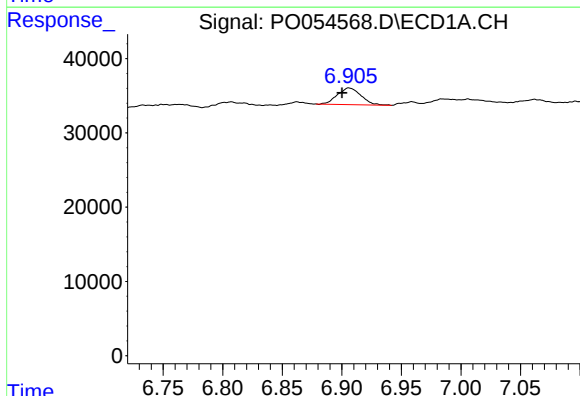
R.T.: 6.542 min
Delta R.T.: 0.006 min
Response: 18188
Conc: 6.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



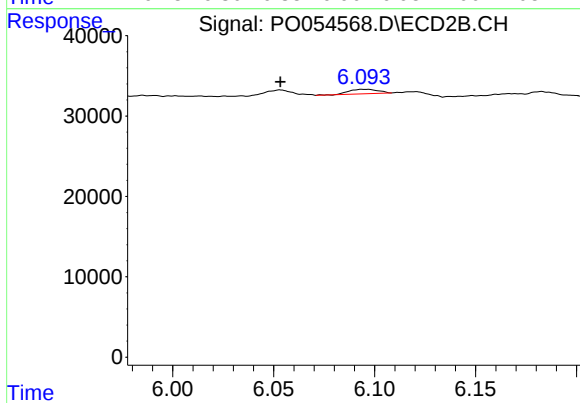
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.650 min
Response: 0
Conc: N.D.



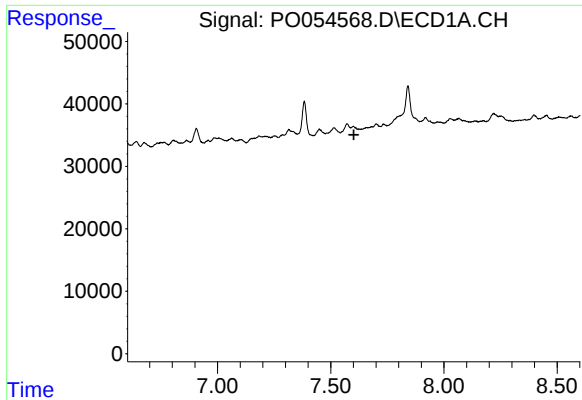
#28 AR-1254-3

R.T.: 6.906 min
Delta R.T.: 0.006 min
Response: 30790
Conc: 9.52 ng/ml



#28 AR-1254-3

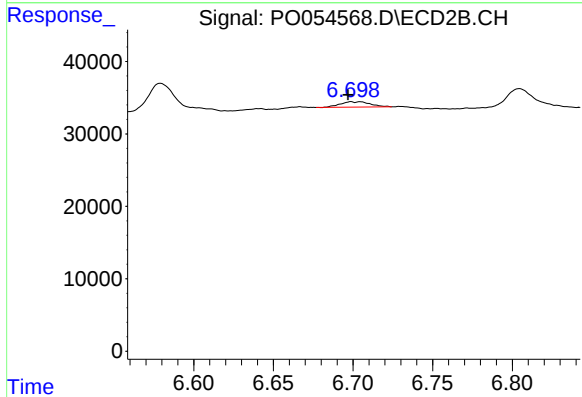
R.T.: 6.094 min
Delta R.T.: 0.040 min
Response: 5629
Conc: 1.73 ng/ml



#30 AR-1254-5

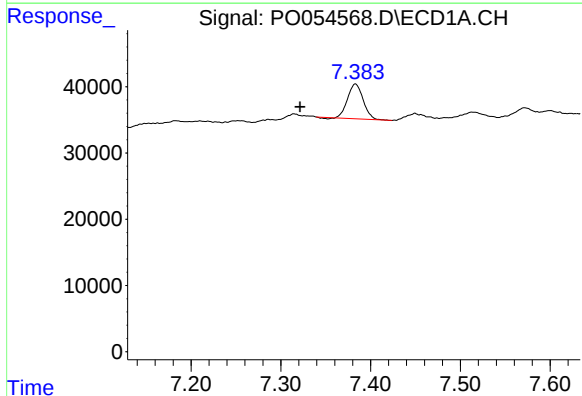
R.T.: 0.000 min
Exp R.T.: 7.602 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



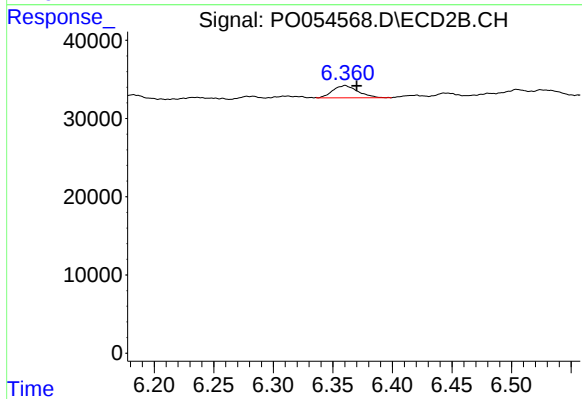
#30 AR-1254-5

R.T.: 6.699 min
Delta R.T.: 0.002 min
Response: 9754
Conc: 3.25 ng/ml



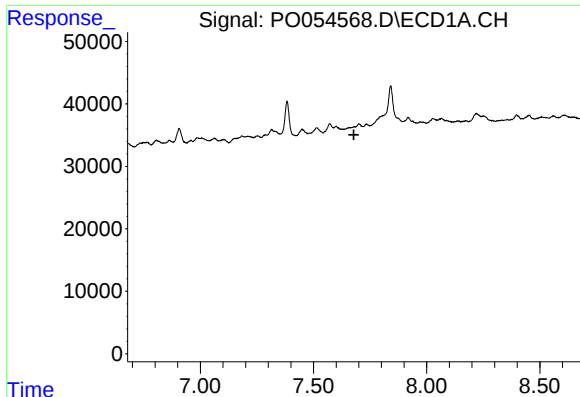
#32 AR-1260-2

R.T.: 7.383 min
Delta R.T.: 0.062 min
Response: 63065
Conc: 20.82 ng/ml



#32 AR-1260-2

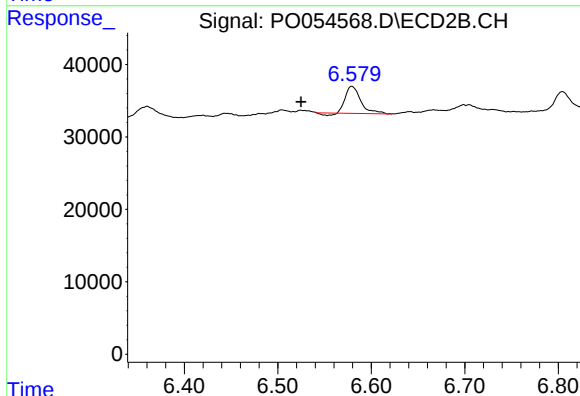
R.T.: 6.360 min
Delta R.T.: -0.010 min
Response: 23000
Conc: 8.06 ng/ml



#33 AR-1260-3

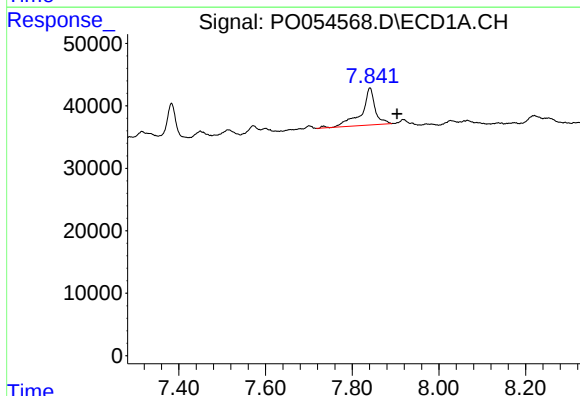
R.T.: 0.000 min
Exp R.T.: 7.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



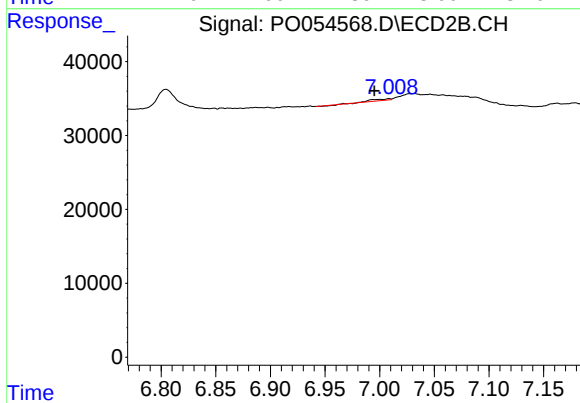
#33 AR-1260-3

R.T.: 6.579 min
Delta R.T.: 0.054 min
Response: 40879
Conc: 15.33 ng/ml



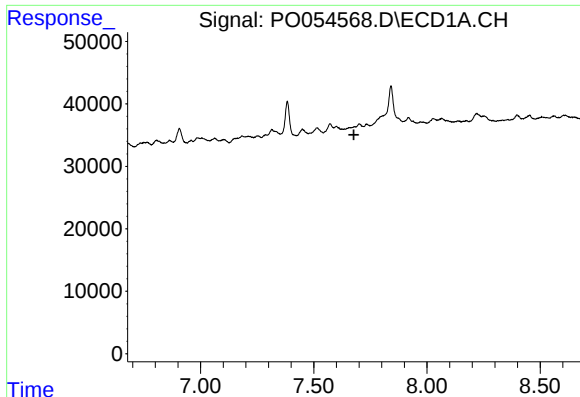
#34 AR-1260-4

R.T.: 7.841 min
Delta R.T.: -0.062 min
Response: 130975
Conc: 47.79 ng/ml



#34 AR-1260-4

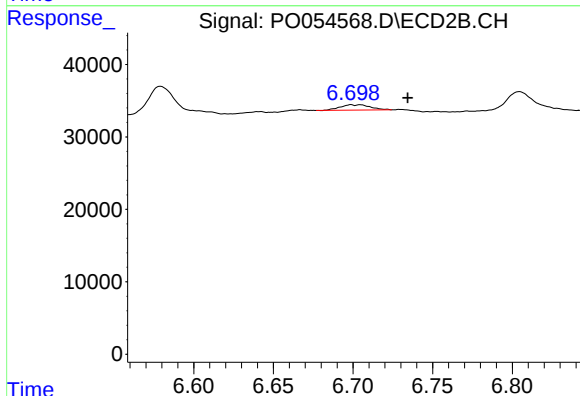
R.T.: 7.009 min
Delta R.T.: 0.013 min
Response: 2012
Conc: 0.90 ng/ml



#36 AR-1262-1

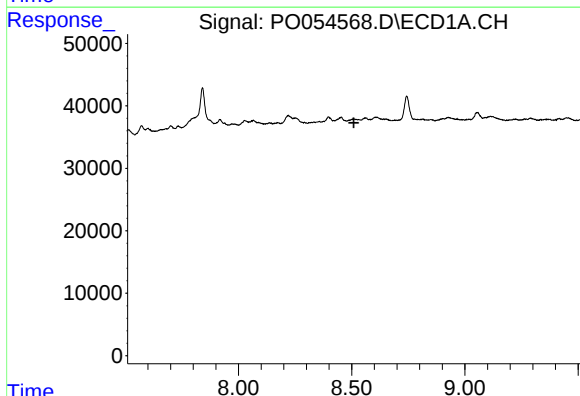
R.T.: 0.000 min
Exp R.T.: 7.677 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



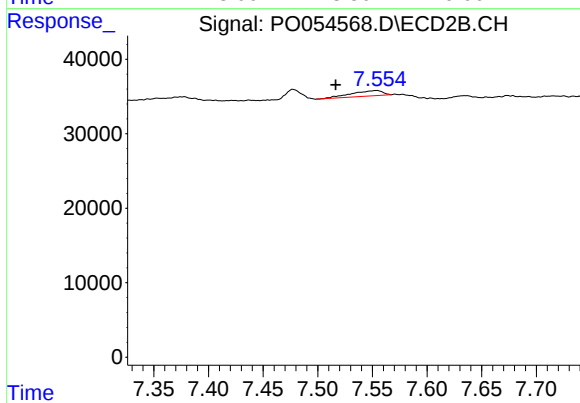
#36 AR-1262-1

R.T.: 6.699 min
Delta R.T.: -0.036 min
Response: 9754
Conc: 2.95 ng/ml



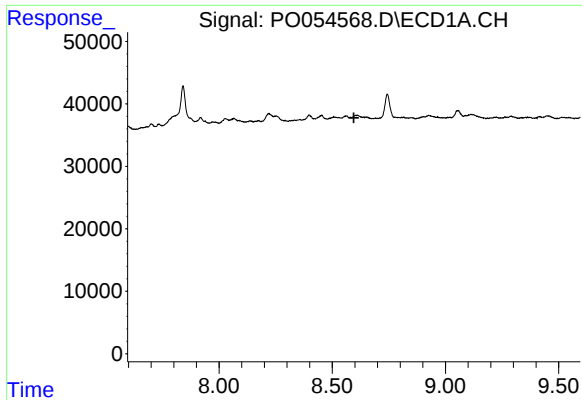
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.510 min
Response: 0
Conc: N.D.



#38 AR-1262-3

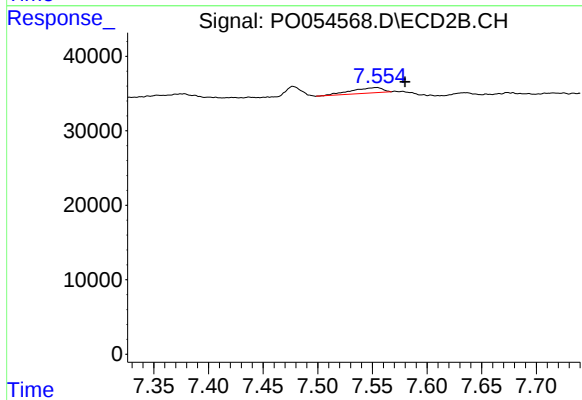
R.T.: 7.554 min
Delta R.T.: 0.038 min
Response: 14715
Conc: 6.37 ng/ml



#39 AR-1262-4

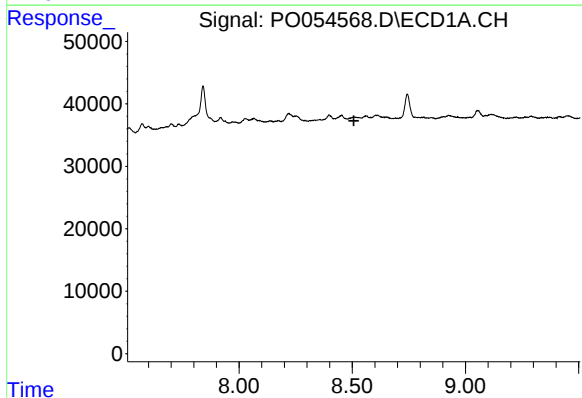
R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



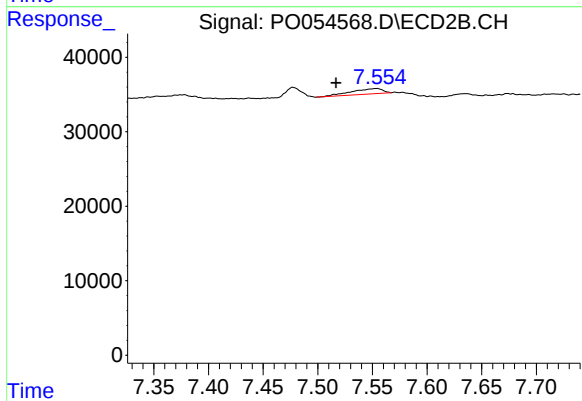
#39 AR-1262-4

R.T.: 7.554 min
Delta R.T.: -0.026 min
Response: 14715
Conc: 3.59 ng/ml



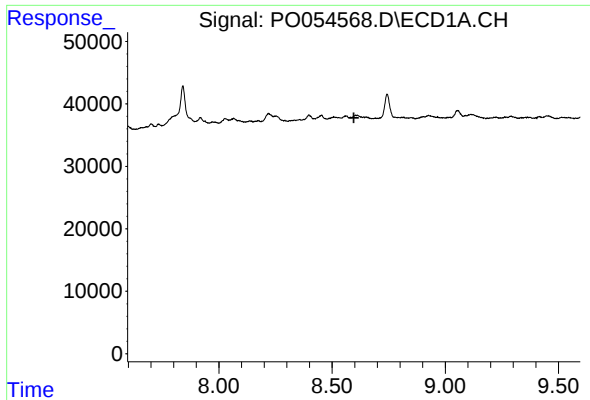
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.508 min
Response: 0
Conc: N.D.



#41 AR-1268-1

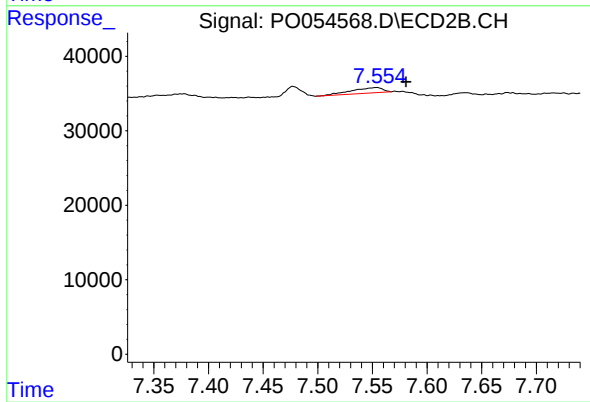
R.T.: 7.554 min
Delta R.T.: 0.038 min
Response: 14715
Conc: 2.37 ng/ml



#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
032019-LIFT-F-U-M



#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.026 min
Response: 14715
Conc: 2.64 ng/ml