

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091725\
 Data File : PL097233.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2025 12:13
 Operator : AR\AJ
 Sample : Q2899-03
 Misc : PEST MDL 1PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-QT3-2025-05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 04:05:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091625CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 17 05:25:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

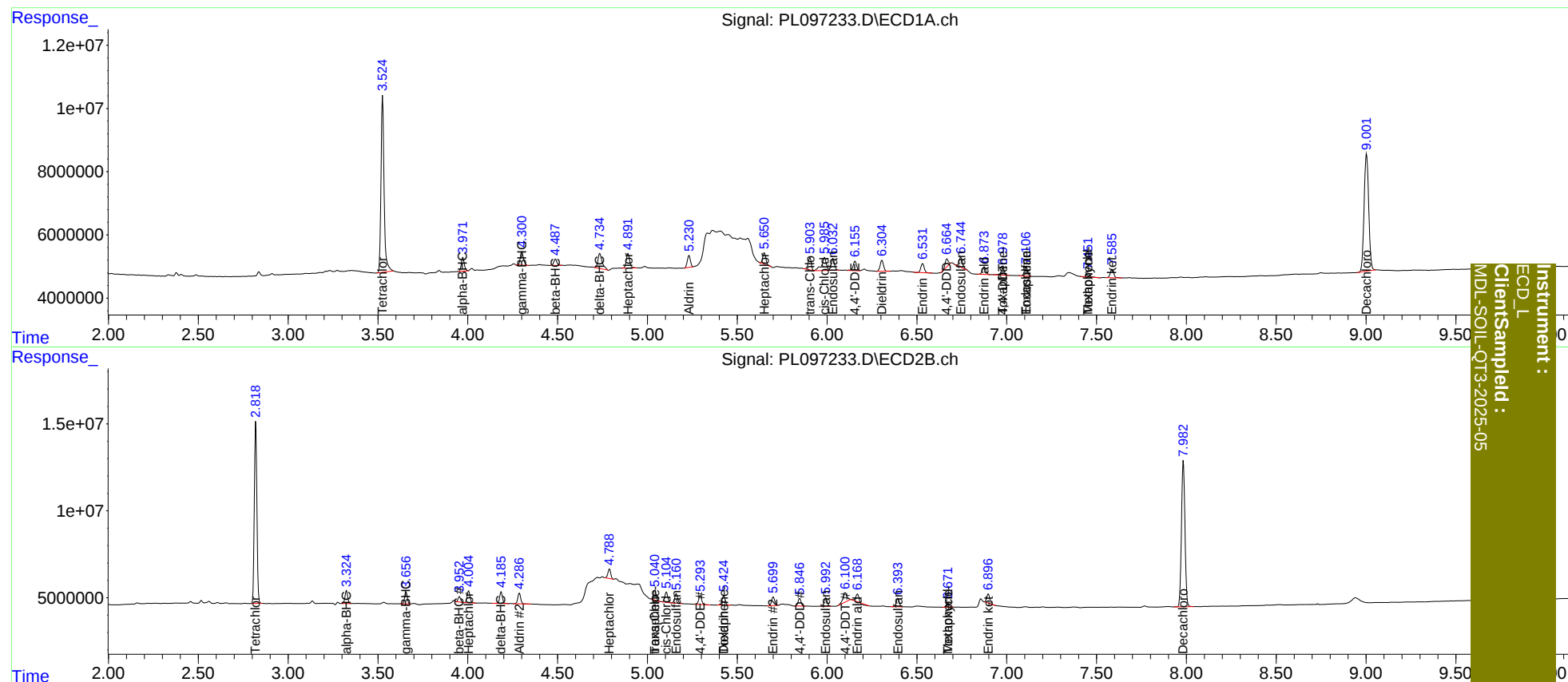
System Monitoring Compounds							
1)	SA Tetrachlo...	3.526	2.820	66679666	102.9E6	19.247	20.856
27)	SA Decachlor...	9.003	7.983	66136552	113.7E6	25.134	25.526
Target Compounds							
2)	A alpha-BHC	3.973	3.325	5000189	7509964	0.913	1.022
3)	MA gamma-BHC...	4.301	3.657	5044976	6962580	0.962	1.010
4)	MA Heptachlor	4.892	4.005	6092021	7514120	1.145	1.081
5)	MB Aldrin	5.232	4.287	4525868	6951617	0.885	1.062
6)	B beta-BHC	4.488	3.954	2365551	2843598	0.949	0.868
7)	B delta-BHC	4.735	4.186	7550992	7112382	1.507	1.017 #
8)	B Heptachlo...	5.651	4.789	4366164	6060636	0.952	0.986
9)	A Endosulfan I	6.033	5.161	4964779	6325961	1.206	1.153
10)	B trans-Chl...	5.905	5.041	4788369	6050949	1.062	0.987
11)	B cis-Chlor...	5.986	5.106	7489745	6639844	1.653	1.084 #
12)	B 4,4'-DDE	6.156	5.295	4045370	5875737	1.034	0.976
13)	MA Dieldrin	6.306	5.425	4510771	6394978	1.048	1.045
14)	MA Endrin	6.532	5.701	3735994	5882843	1.068	1.074
15)	B Endosulfa...	6.744	5.993	4128572	5943843	1.087	1.082
16)	A 4,4'-DDD	6.667	5.848	2567442	5236296	0.902	1.084
17)	MA 4,4'-DDT	6.980	6.101	2902965	9349425	0.981	1.926 #
18)	B Endrin al...	6.874	6.170	3192606	4120300	1.155	0.877
19)	B Endosulfa...	7.107	6.394	3440155	5665878	1.020	1.067
20)	A Methoxychlor	7.452	6.673	1693251	2868677	1.070	1.115
21)	B Endrin ke...	7.587	6.898	3656603	5772740	1.037	0.984
22)	Toxaphene-1	0.000	5.041	0	6050949	N.D.	179.852
23)	Toxaphene-2	0.000	5.425	0	6394978	N.D.	177.160
24)	Toxaphene-3	6.980	6.673	2902965	2868677	26.510	21.860
25)	Toxaphene-4	7.107	0.000	3440155	0	42.916	N.D. #
26)	Toxaphene-5	7.452f	0.000	1693251	0	16.980	N.D. #

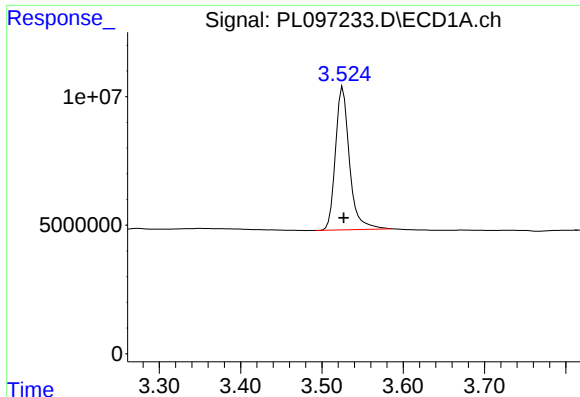
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091725\
Data File : PL097233.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Sep 2025 12:13
Operator : AR\AJ
Sample : Q2899-03
Misc : PEST MDL 1PPB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 04:05:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091625CLP.M
Quant Title : GC Extractables
QLast Update : Wed Sep 17 05:25:29 2025
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

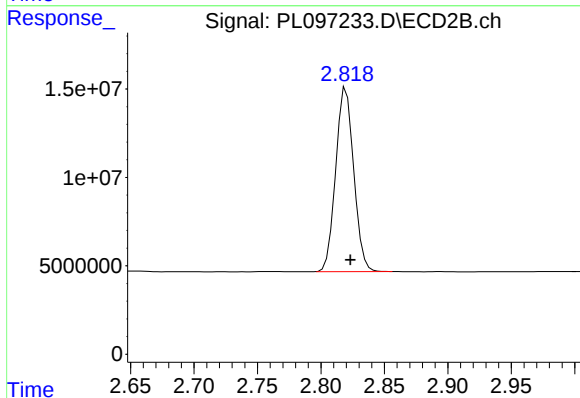




#1 Tetrachloro-m-xylene

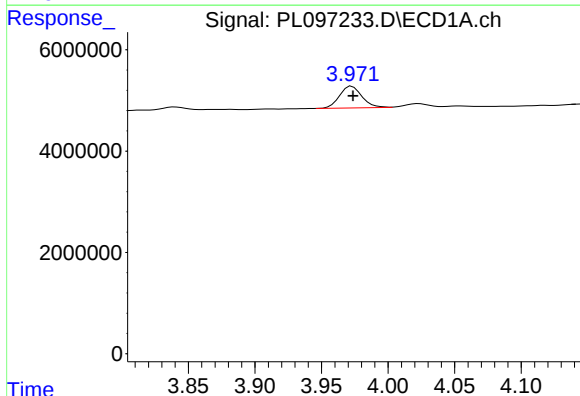
R.T.: 3.526 min
Delta R.T.: -0.001 min
Response: 66679666
Conc: 19.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



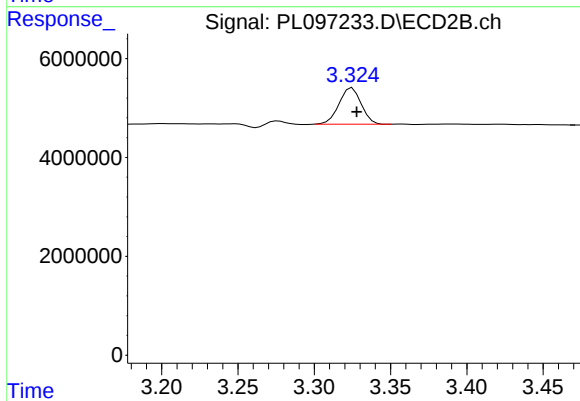
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: -0.003 min
Response: 102857956
Conc: 20.86 ng/ml



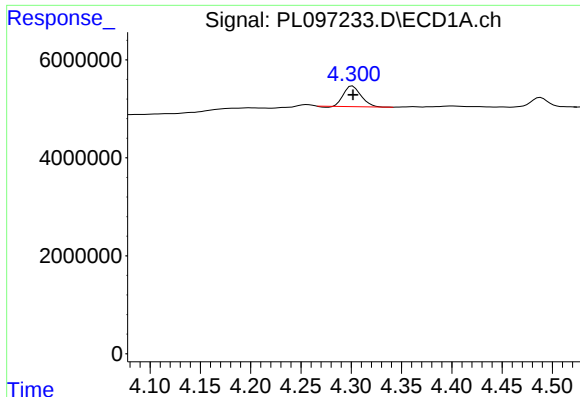
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: 0.000 min
Response: 5000189
Conc: 0.91 ng/ml



#2 alpha-BHC

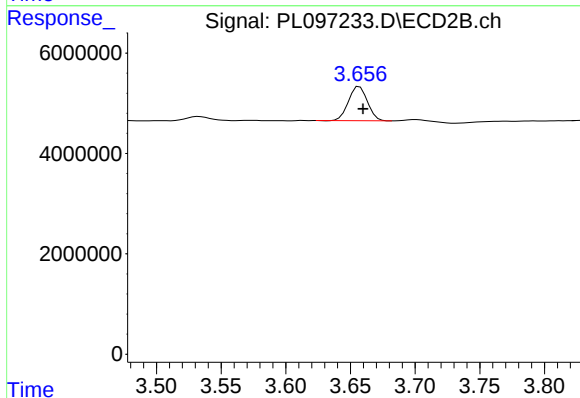
R.T.: 3.325 min
Delta R.T.: -0.003 min
Response: 7509964
Conc: 1.02 ng/ml



#3 gamma-BHC (Lindane)

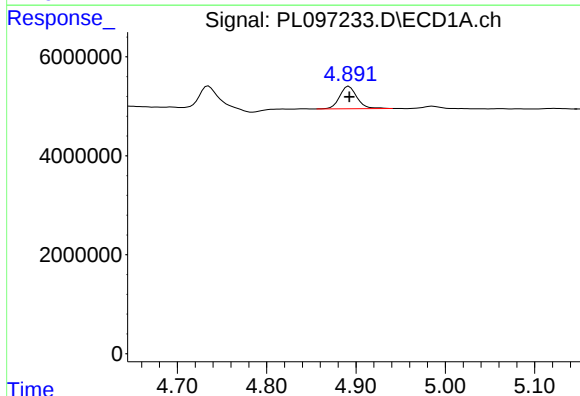
R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 5044976
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



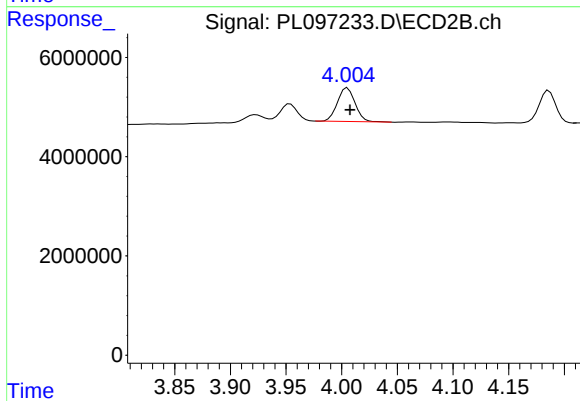
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 6962580
Conc: 1.01 ng/ml



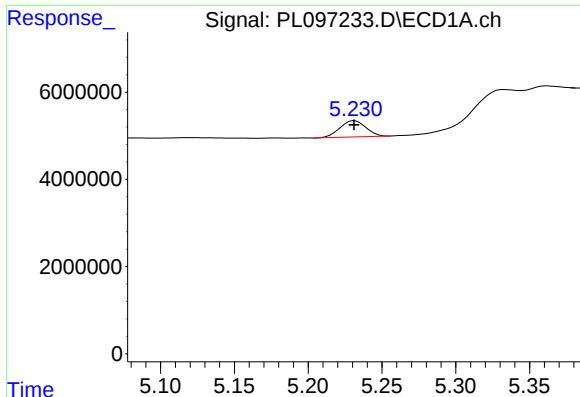
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 6092021
Conc: 1.15 ng/ml



#4 Heptachlor

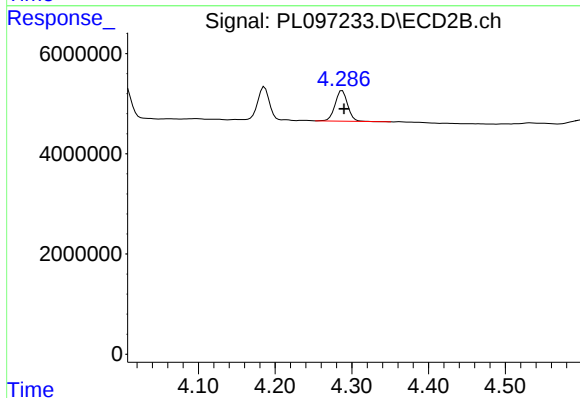
R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 7514120
Conc: 1.08 ng/ml



#5 Aldrin

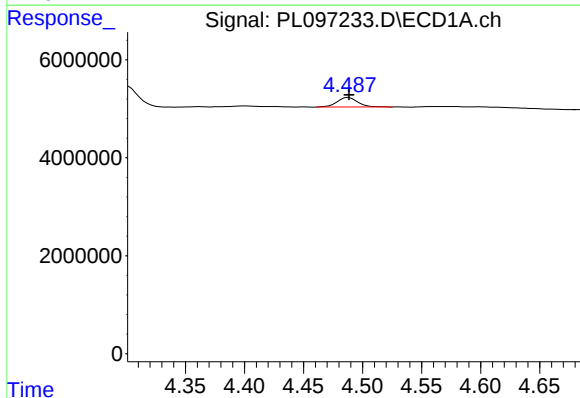
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 4525868
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



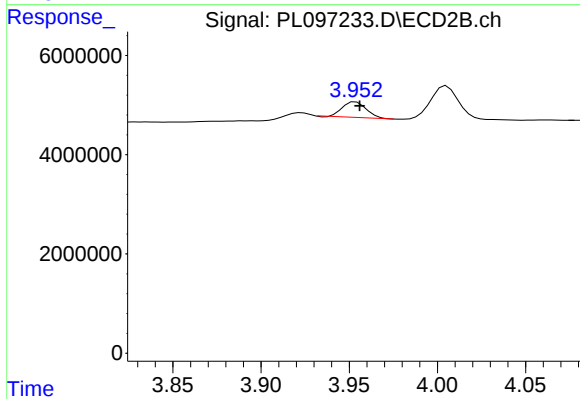
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: -0.003 min
Response: 6951617
Conc: 1.06 ng/ml



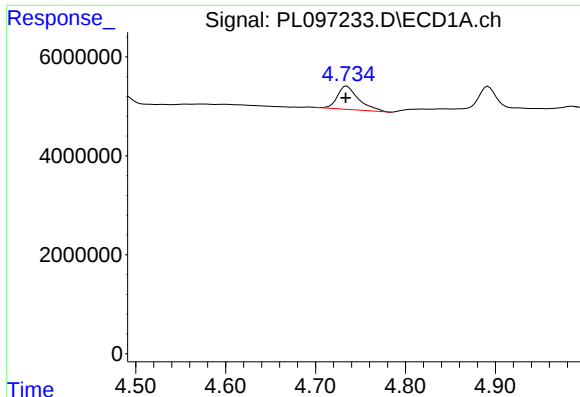
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 2365551
Conc: 0.95 ng/ml



#6 beta-BHC

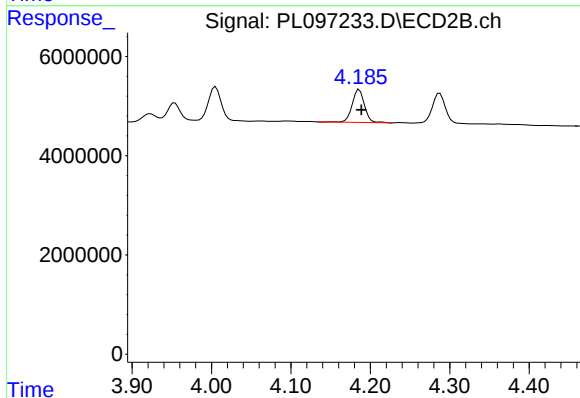
R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 2843598
Conc: 0.87 ng/ml



#7 delta-BHC

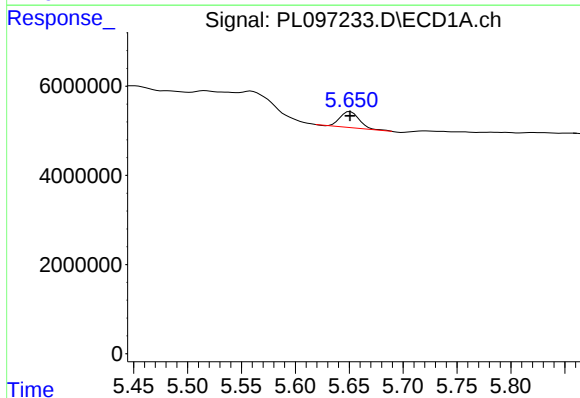
R.T.: 4.735 min
Delta R.T.: 0.001 min
Response: 7550992
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



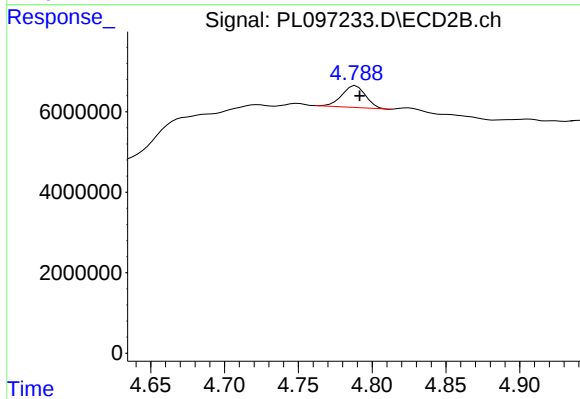
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.003 min
Response: 7112382
Conc: 1.02 ng/ml



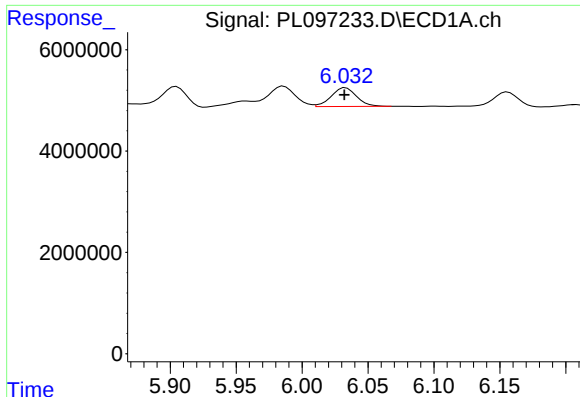
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 4366164
Conc: 0.95 ng/ml



#8 Heptachlor epoxide

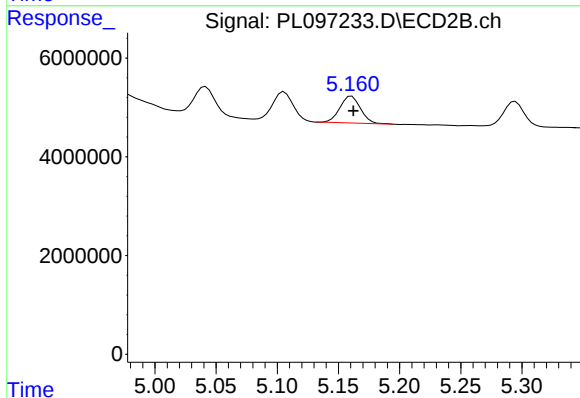
R.T.: 4.789 min
Delta R.T.: -0.003 min
Response: 6060636
Conc: 0.99 ng/ml



#9 Endosulfan I

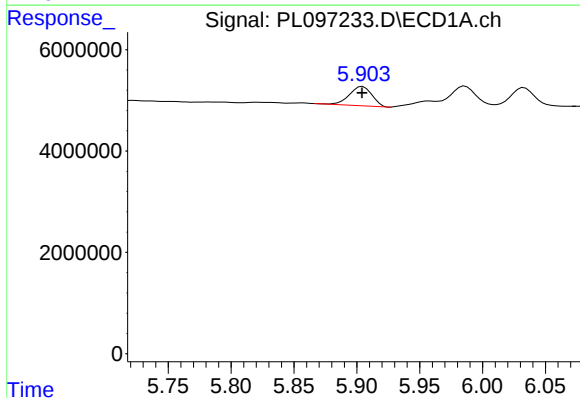
R.T.: 6.033 min
Delta R.T.: 0.001 min
Response: 4964779
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



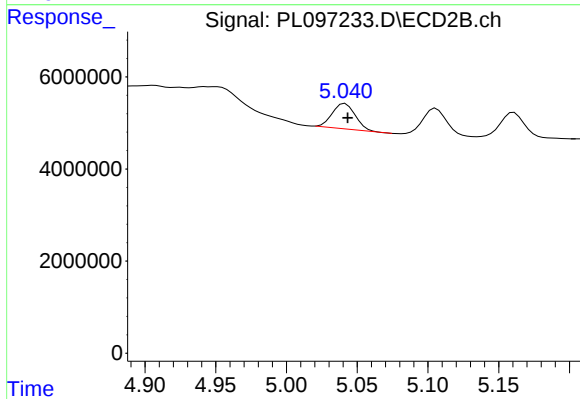
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.001 min
Response: 6325961
Conc: 1.15 ng/ml



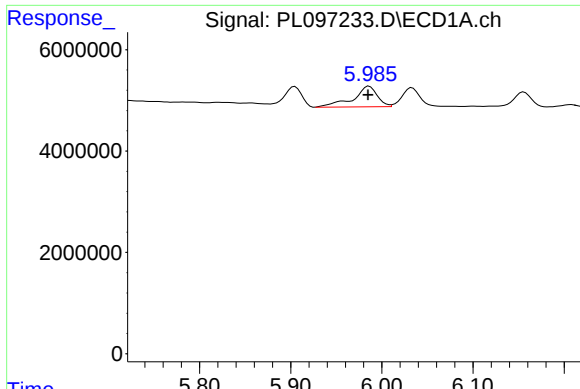
#10 trans-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 4788369
Conc: 1.06 ng/ml



#10 trans-Chlordane

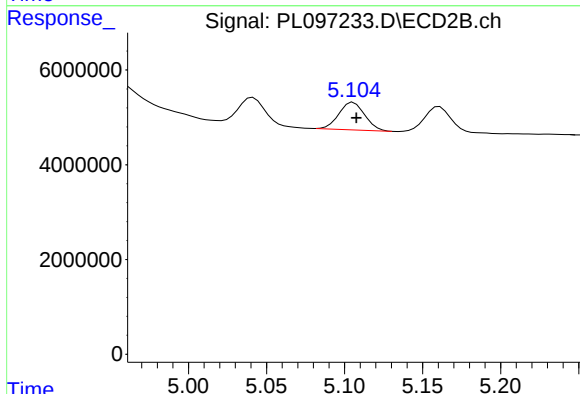
R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 6050949
Conc: 0.99 ng/ml



#11 cis-Chlordane

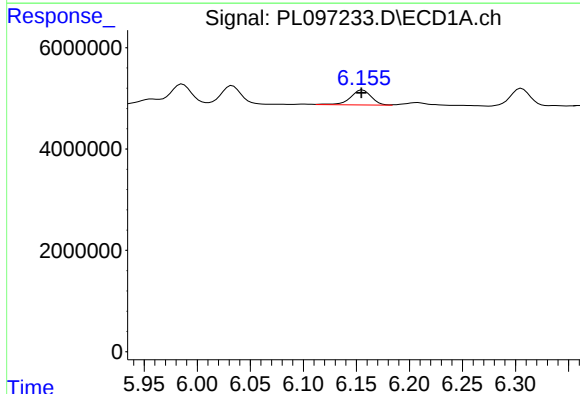
R.T.: 5.986 min
Delta R.T.: 0.001 min
Response: 7489745
Conc: 1.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



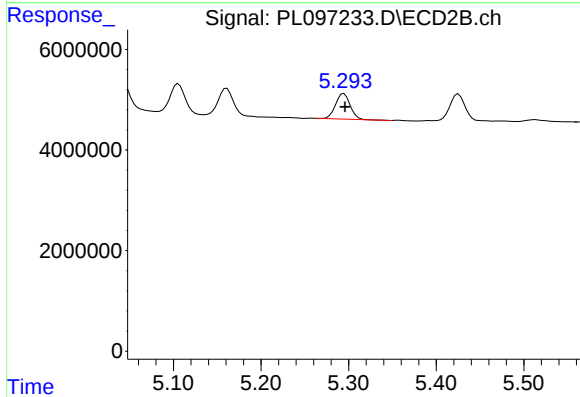
#11 cis-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 6639844
Conc: 1.08 ng/ml



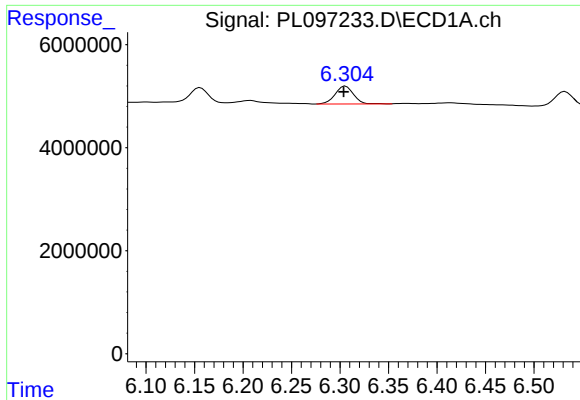
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.001 min
Response: 4045370
Conc: 1.03 ng/ml



#12 4,4'-DDE

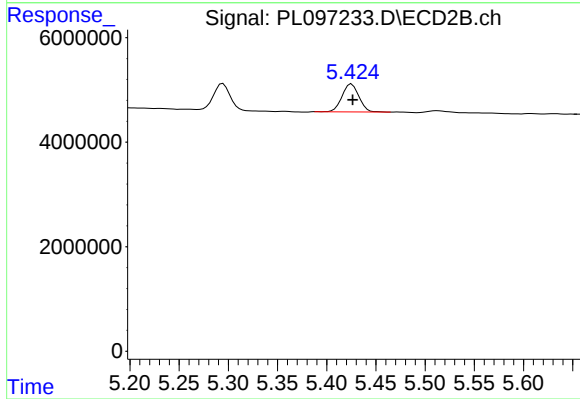
R.T.: 5.295 min
Delta R.T.: -0.001 min
Response: 5875737
Conc: 0.98 ng/ml



#13 Dieldrin

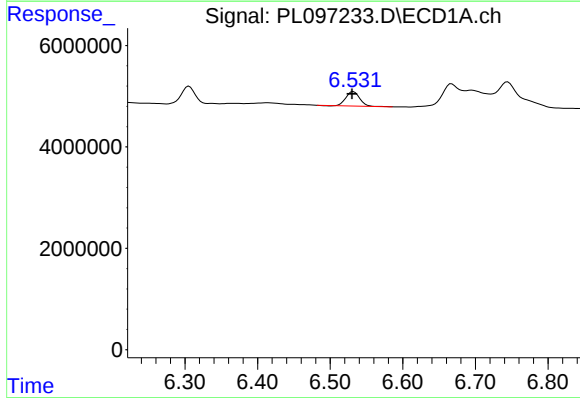
R.T.: 6.306 min
Delta R.T.: 0.002 min
Response: 4510771
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



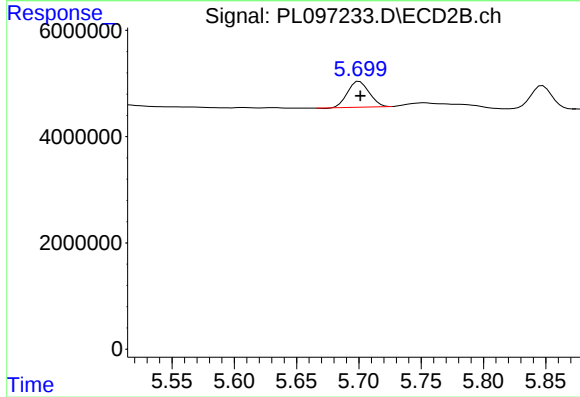
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 6394978
Conc: 1.04 ng/ml



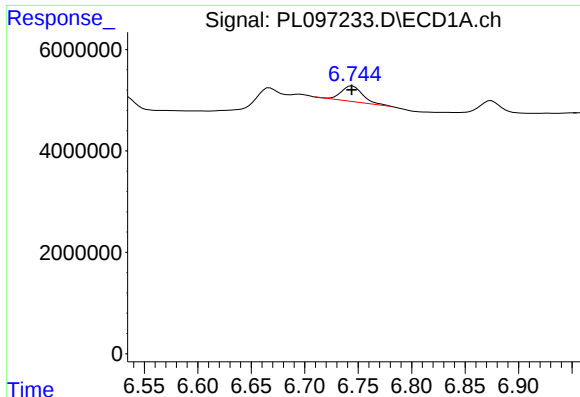
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.002 min
Response: 3735994
Conc: 1.07 ng/ml



#14 Endrin

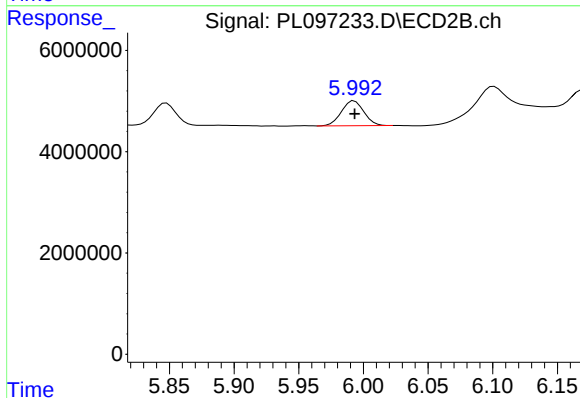
R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 5882843
Conc: 1.07 ng/ml



#15 Endosulfan II

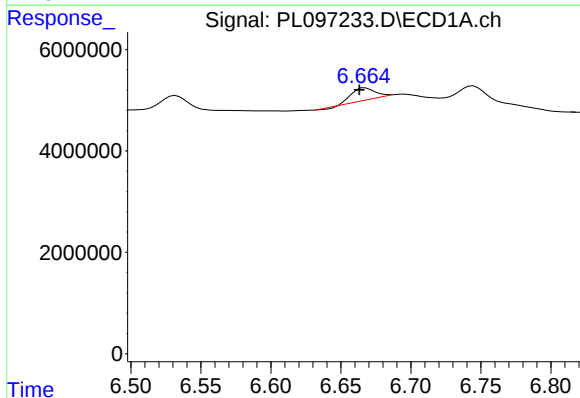
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 4128572
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



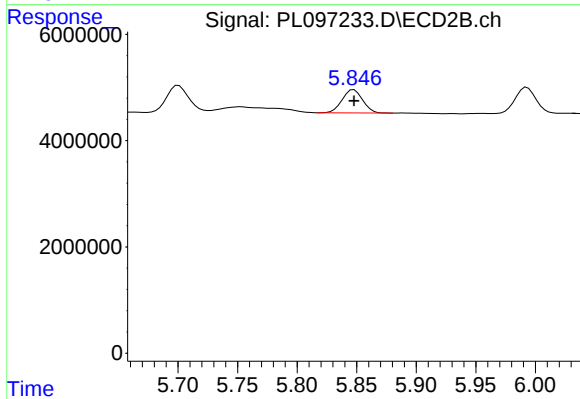
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 5943843
Conc: 1.08 ng/ml



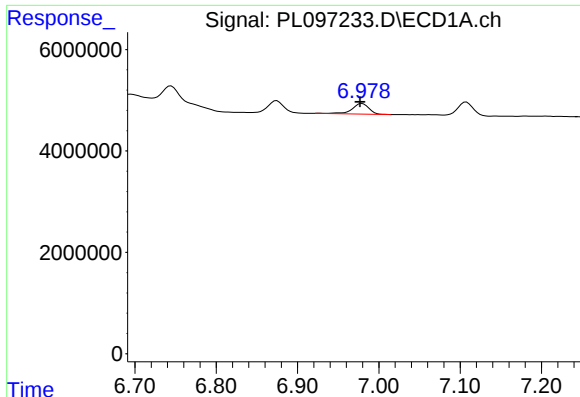
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.004 min
Response: 2567442
Conc: 0.90 ng/ml



#16 4,4'-DDD

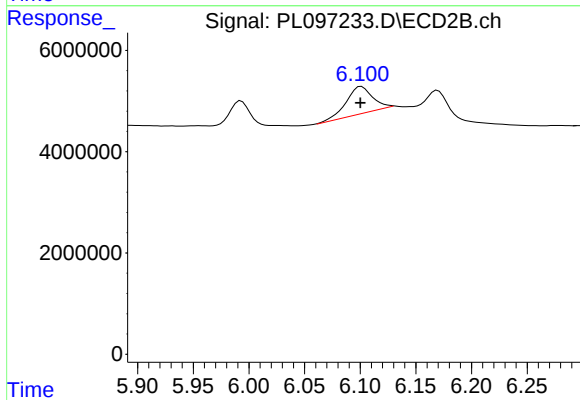
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 5236296
Conc: 1.08 ng/ml



#17 4,4'-DDT

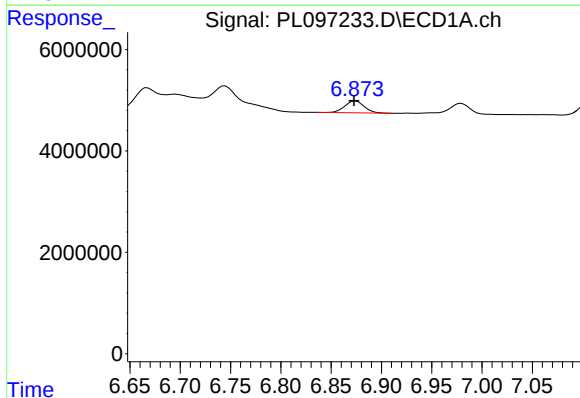
R.T.: 6.980 min
Delta R.T.: 0.002 min
Response: 2902965
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



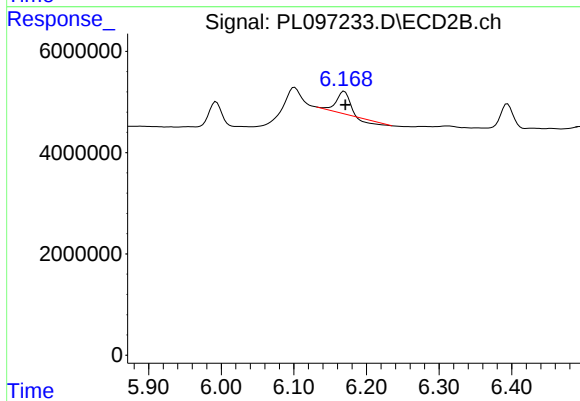
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 9349425
Conc: 1.93 ng/ml



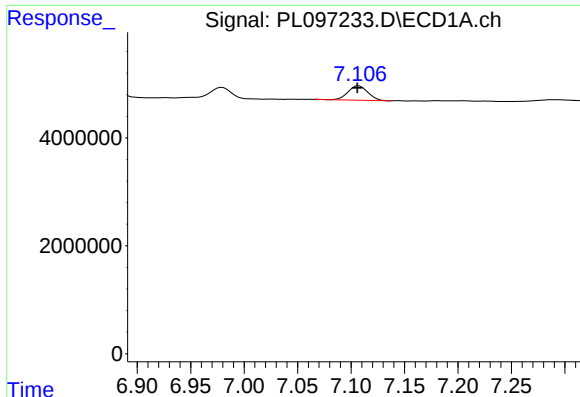
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.002 min
Response: 3192606
Conc: 1.15 ng/ml



#18 Endrin aldehyde

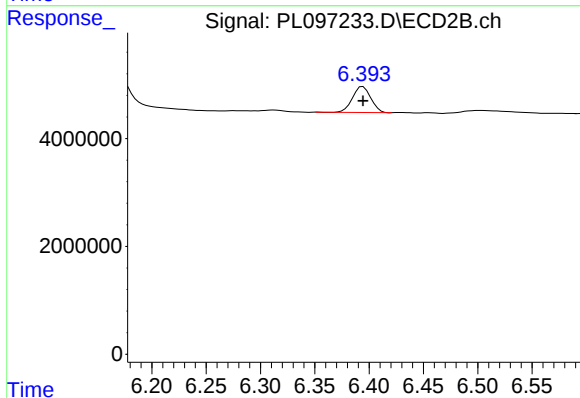
R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 4120300
Conc: 0.88 ng/ml



#19 Endosulfan Sulfate

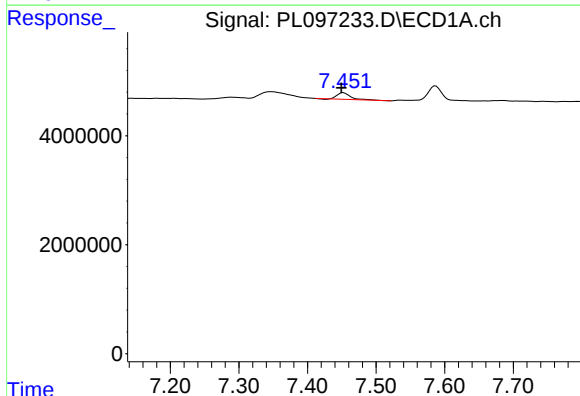
R.T.: 7.107 min
Delta R.T.: 0.001 min
Response: 3440155
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



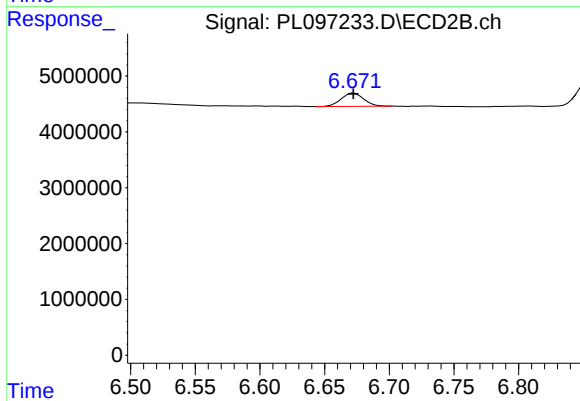
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 5665878
Conc: 1.07 ng/ml



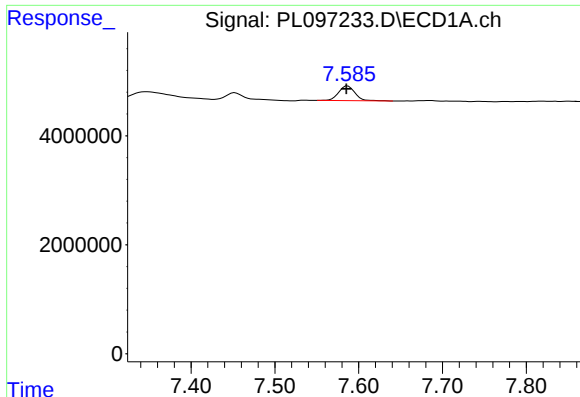
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.003 min
Response: 1693251
Conc: 1.07 ng/ml



#20 Methoxychlor

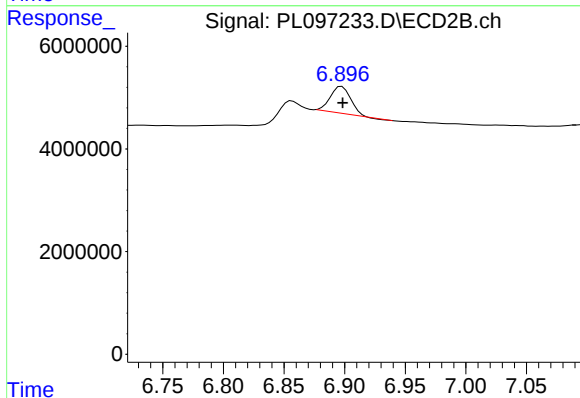
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 2868677
Conc: 1.11 ng/ml



#21 Endrin ketone

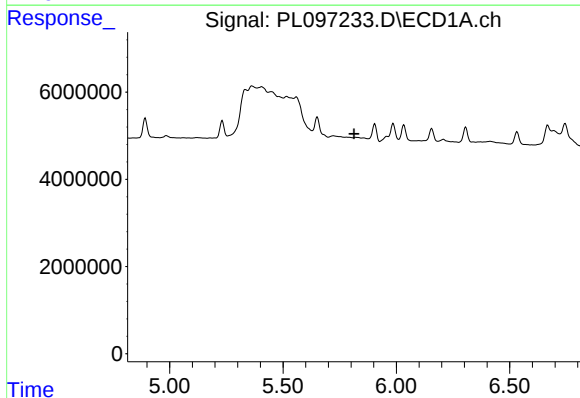
R.T.: 7.587 min
Delta R.T.: 0.001 min
Response: 3656603
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



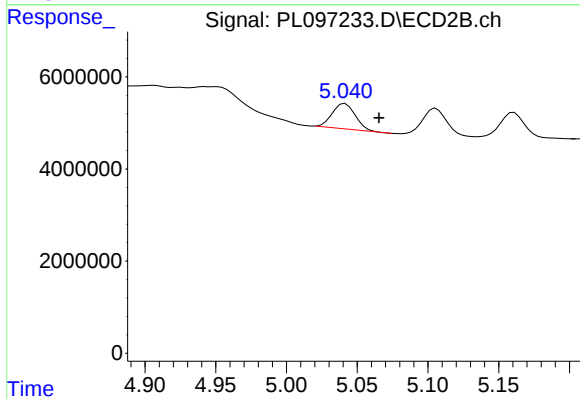
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 5772740
Conc: 0.98 ng/ml



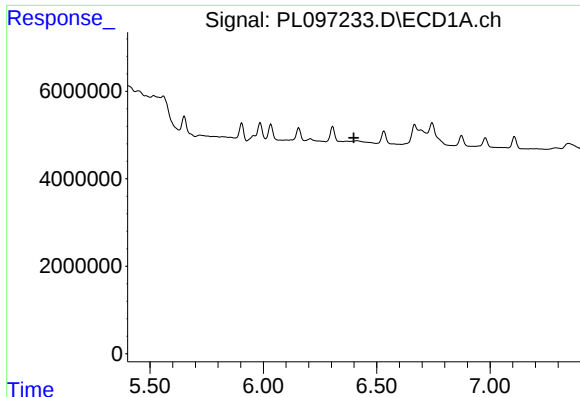
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.813 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

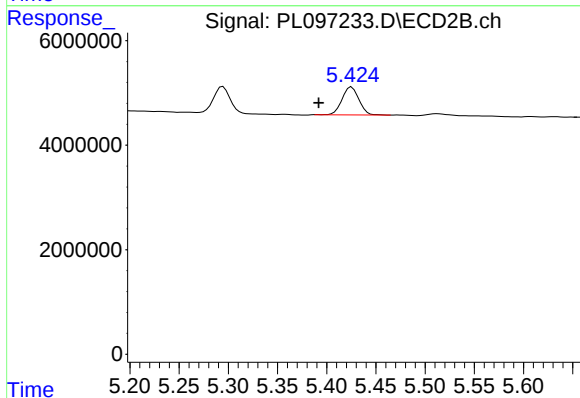
R.T.: 5.041 min
Delta R.T.: -0.024 min
Response: 6050949
Conc: 179.85 ng/ml



#23 Toxaphene-2

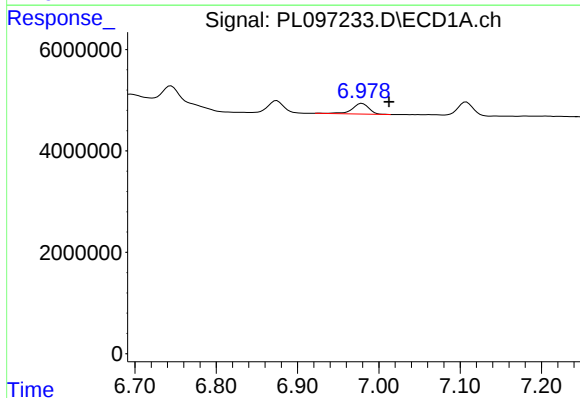
R.T.: 0.000 min
Exp R.T.: 6.400 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



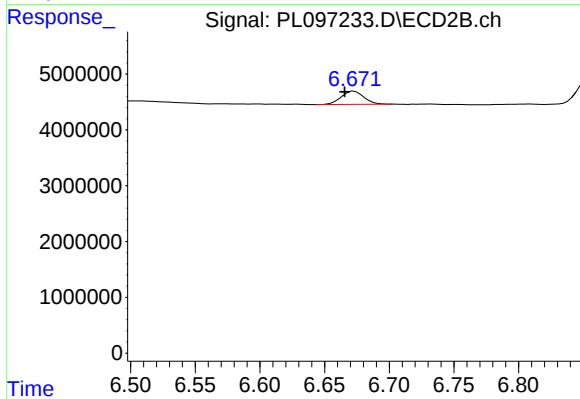
#23 Toxaphene-2

R.T.: 5.425 min
Delta R.T.: 0.033 min
Response: 6394978
Conc: 177.16 ng/ml



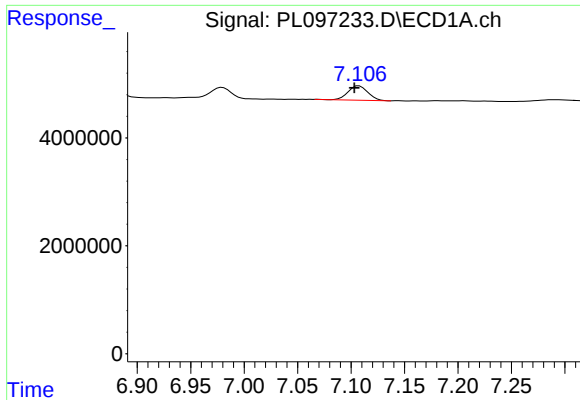
#24 Toxaphene-3

R.T.: 6.980 min
Delta R.T.: -0.033 min
Response: 2902965
Conc: 26.51 ng/ml



#24 Toxaphene-3

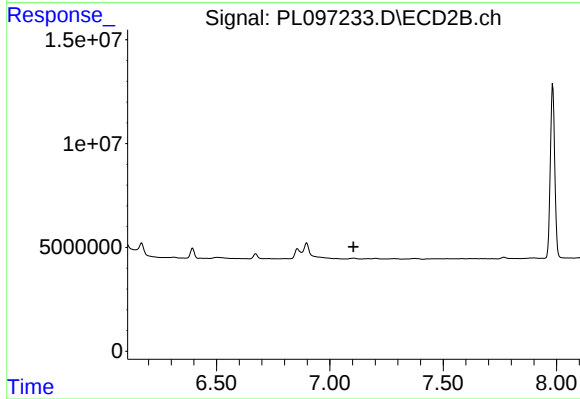
R.T.: 6.673 min
Delta R.T.: 0.007 min
Response: 2868677
Conc: 21.86 ng/ml



#25 Toxaphene-4

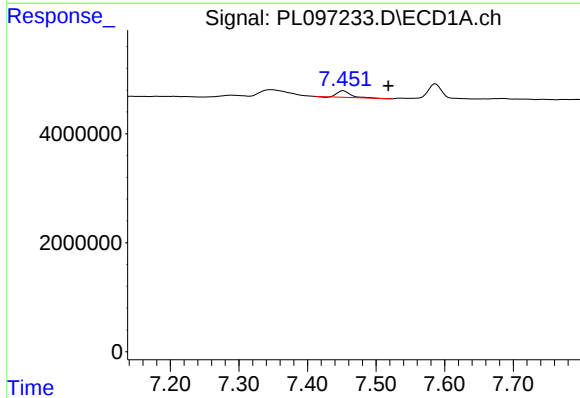
R.T.: 7.107 min
Delta R.T.: 0.004 min
Response: 3440155
Conc: 42.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



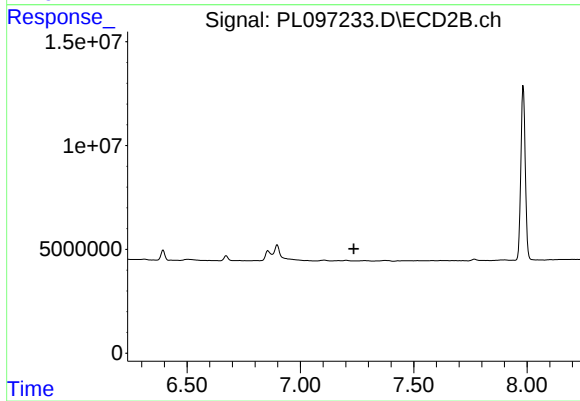
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.105 min
Response: 0
Conc: N.D.



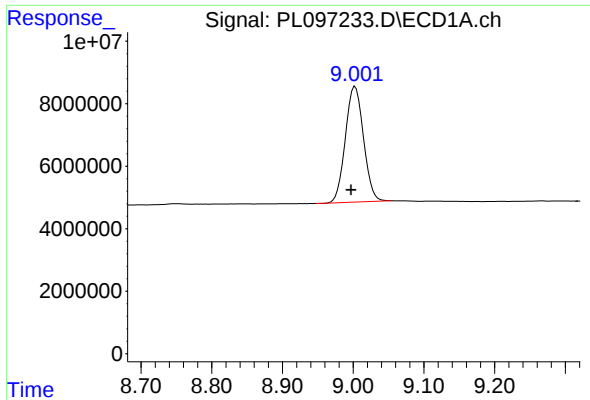
#26 Toxaphene-5

R.T.: 7.452 min
Delta R.T.: -0.065 min
Response: 1693251
Conc: 16.98 ng/ml



#26 Toxaphene-5

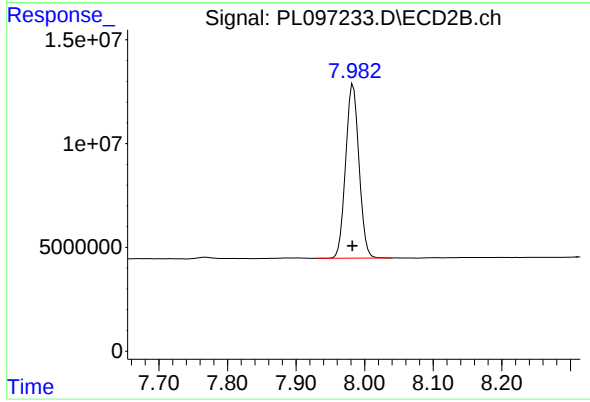
R.T.: 0.000 min
Exp R.T. : 7.236 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: 0.006 min
Response: 66136552
Conc: 25.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT3-2025-05



#27 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 113742240
Conc: 25.53 ng/ml