

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091925\
 Data File : PD090355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 12:38
 Operator : AR\AJ
 Sample : Q2899-03
 Misc : PEST MDL 1PPB
 ALS Vial : 8 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 07:01:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091725CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 18 07:48:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

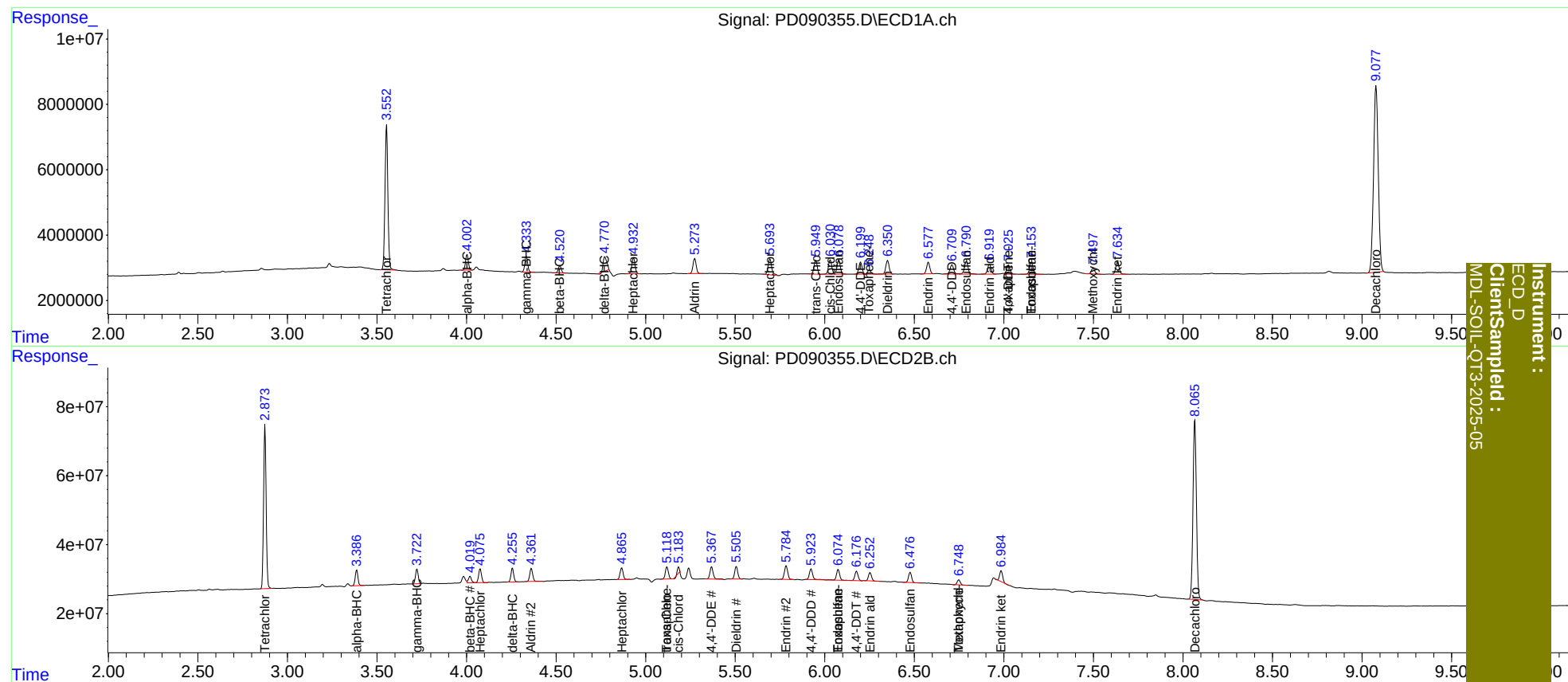
System Monitoring Compounds							
1)	SA Tetrachlo...	3.554	2.875	49861607	467.6E6	19.128	20.515
27)	SA Decachlor...	9.078	8.067	104.0E6	686.8E6	26.152	27.719
Target Compounds							
2)	A alpha-BHC	4.003	3.387	5175609	47703618	0.948	1.288 #
3)	MA gamma-BHC...	4.334	3.724	5496960	44400260	1.038	1.304 #
4)	MA Heptachlor	4.933	4.077	6153510	44830283	1.163	1.275
5)	MB Aldrin	5.275	4.362	5735544	44583524	1.120	1.315
6)	B beta-BHC	4.522	4.020	2447264	23034536	1.105	1.531 #
7)	B delta-BHC	4.772	4.257	6039481	43157014	1.231	1.230
8)	B Heptachlo...	5.694	4.867	6842611	40172453	1.435	1.297
9)	A Endosulfan I	6.079	5.241	5454807	-29505062	1.215	N.D. #
10)	B trans-Chl...	5.950	5.119	5281889	42092996	1.155	1.279
11)	B cis-Chlor...	6.031	5.184	5743056	11674459	1.213	0.372 #
12)	B 4,4'-DDE	6.201	5.369	4719399	45468431	1.068	1.410 #
13)	MA Dieldrin	6.351	5.507	5414781	42771184	1.124	1.334
14)	MA Endrin	6.579	5.785	4413930	51328438	1.088	1.717 #
15)	B Endosulfa...	6.791	6.075	5614498	39675362	1.461	1.416
16)	A 4,4'-DDD	6.711	5.924	4215785	41273318	1.255	1.567
17)	MA 4,4'-DDT	7.026	6.178	3712863	34116036	1.067	1.252
18)	B Endrin al...	6.920	6.253	4155558	28334539	1.316	1.319
19)	B Endosulfa...	7.154	6.477	4899181	35295912	1.263	1.312
20)	A Methoxychlor	7.499	6.749	2271772	16474346	1.227	1.380
21)	B Endrin ke...	7.635	6.985	5029382	33623061	1.230	1.181
22)	Toxaphene-1	6.249	5.119	1693605	42092996	53.969	239.392 #
23)	Toxaphene-2	0.000	6.075f	0	39675362	N.D.	204.934
24)	Toxaphene-3	7.026	6.749	3712863	16474346	32.082	27.363
25)	Toxaphene-4	7.154	0.000	4899181	0	57.330	N.D. #

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

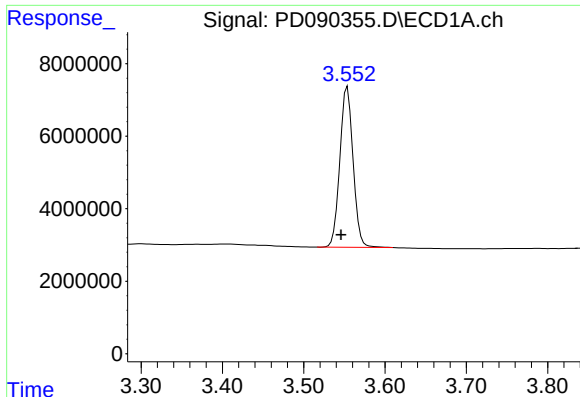
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091925\
Data File : PD090355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 12:38
Operator : AR\AJ
Sample : Q2899-03
Misc : PEST MDL 1PPB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 07:01:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091725CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 18 07:48:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



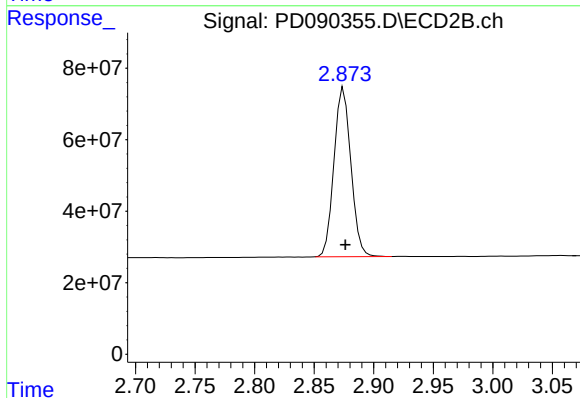
Instrument :
ECD_D
ClientSample :
MDL-SOIL-QT3-2025-05



#1 Tetrachloro-m-xylene

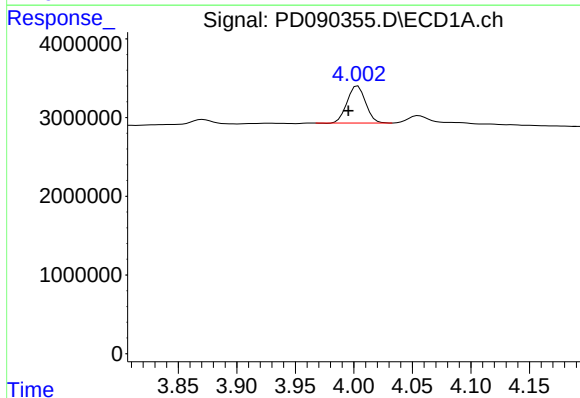
R.T.: 3.554 min
Delta R.T.: 0.008 min
Response: 49861607
Conc: 19.13 ng/ml

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



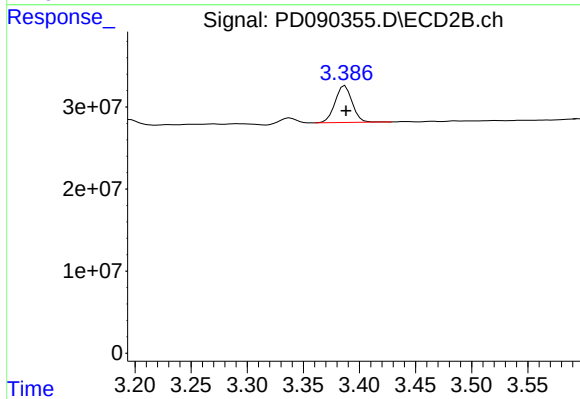
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.001 min
Response: 467575435
Conc: 20.51 ng/ml



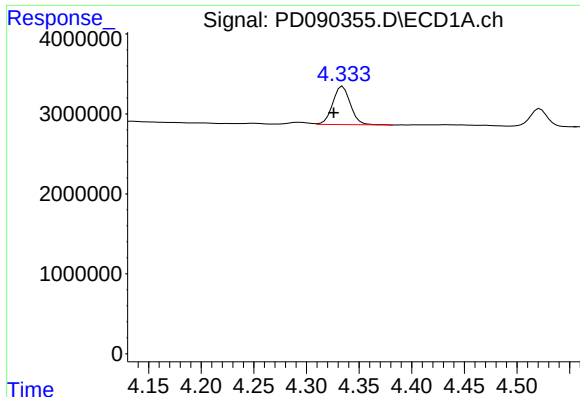
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.008 min
Response: 5175609
Conc: 0.95 ng/ml



#2 alpha-BHC

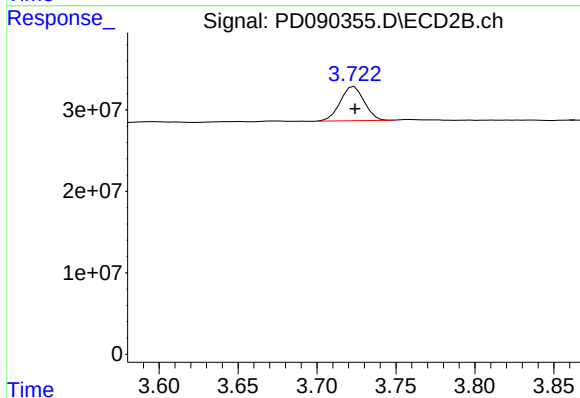
R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 47703618
Conc: 1.29 ng/ml



#3 gamma-BHC (Lindane)

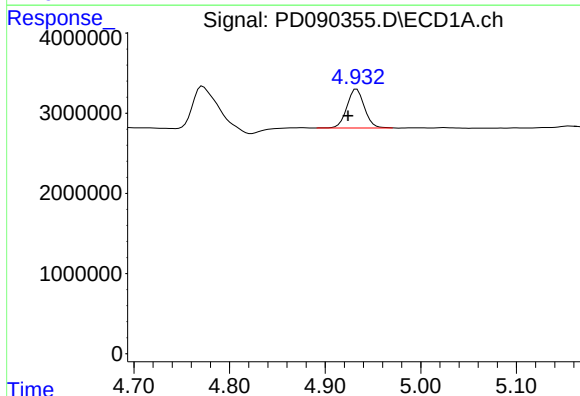
R.T.: 4.334 min
Delta R.T.: 0.009 min
Response: 5496960
Conc: 1.04 ng/ml

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



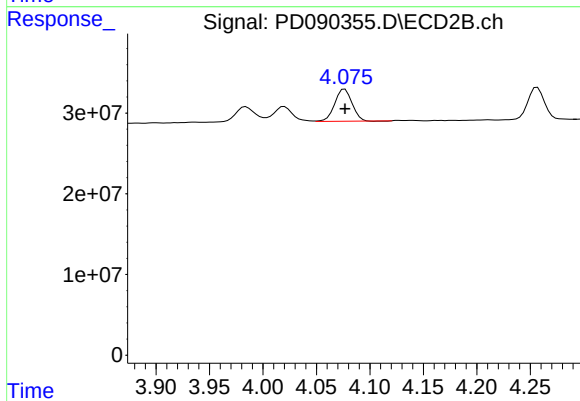
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 44400260
Conc: 1.30 ng/ml



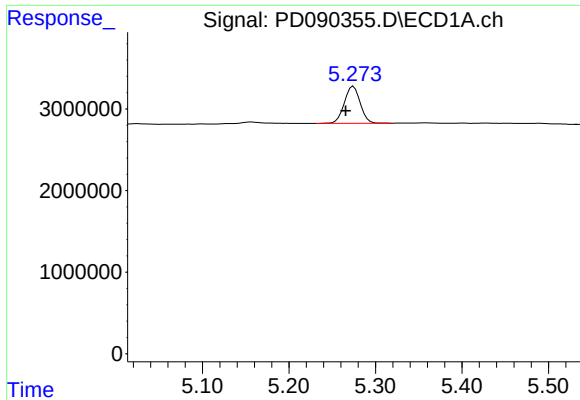
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.009 min
Response: 6153510
Conc: 1.16 ng/ml



#4 Heptachlor

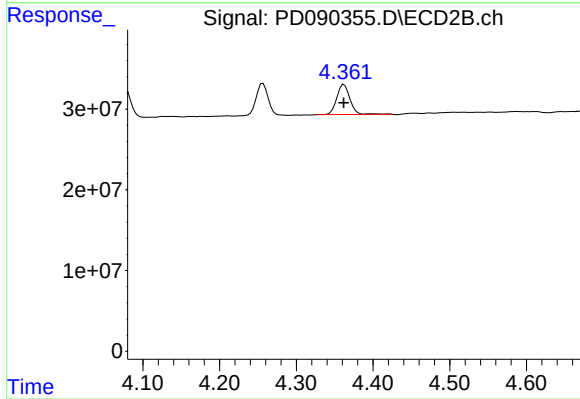
R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 44830283
Conc: 1.27 ng/ml



#5 Aldrin

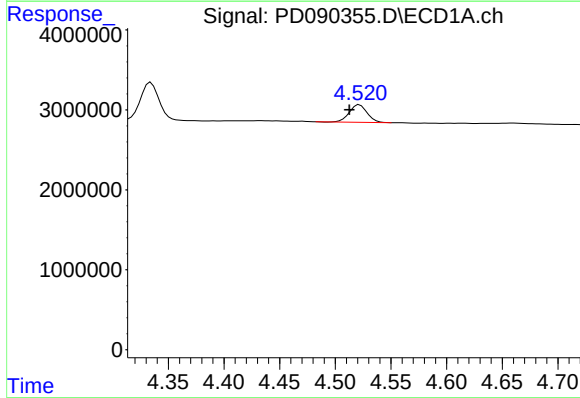
R.T.: 5.275 min
Delta R.T.: 0.009 min
Response: 5735544
Conc: 1.12 ng/ml

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



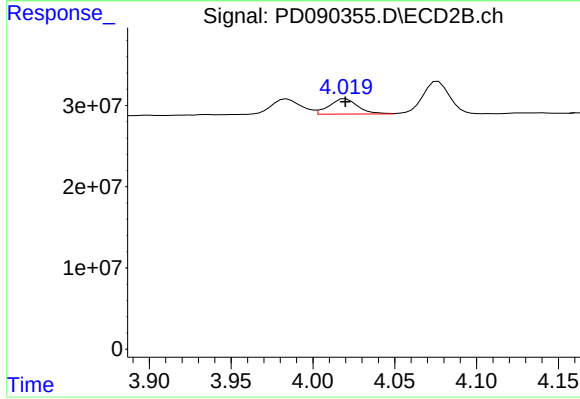
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 44583524
Conc: 1.31 ng/ml



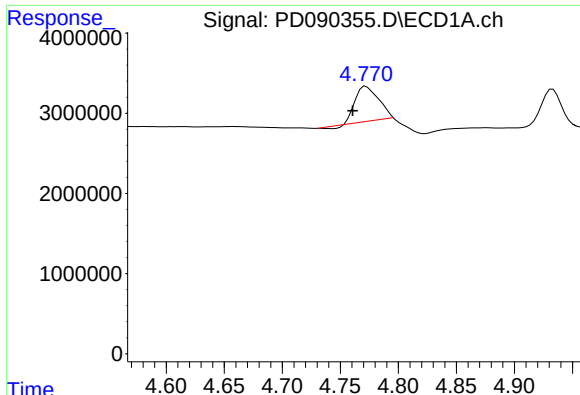
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.009 min
Response: 2447264
Conc: 1.10 ng/ml



#6 beta-BHC

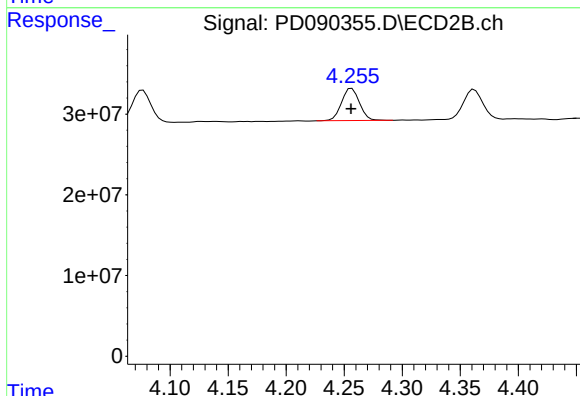
R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 23034536
Conc: 1.53 ng/ml



#7 delta-BHC

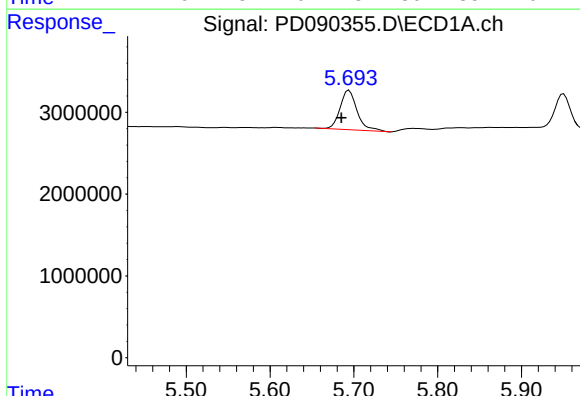
R.T.: 4.772 min
Delta R.T.: 0.012 min
Response: 6039481
Conc: 1.23 ng/ml

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



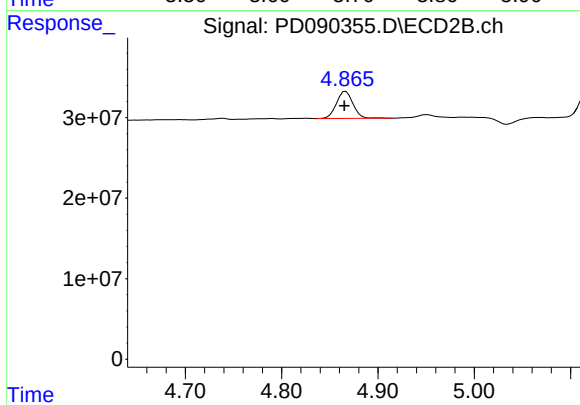
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 43157014
Conc: 1.23 ng/ml



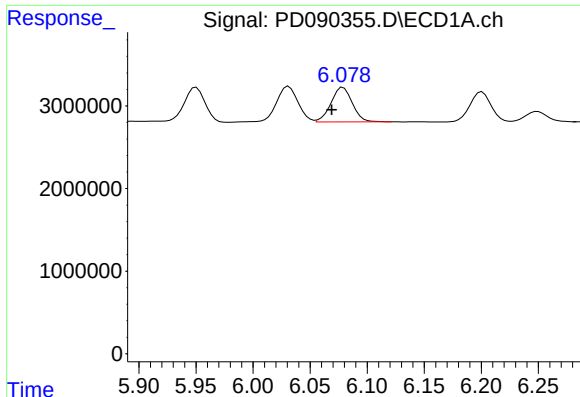
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.009 min
Response: 6842611
Conc: 1.44 ng/ml



#8 Heptachlor epoxide

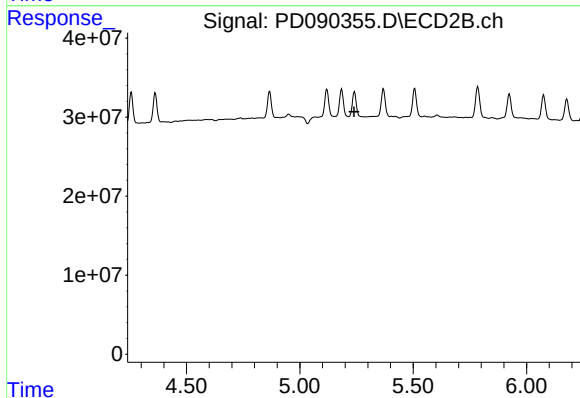
R.T.: 4.867 min
Delta R.T.: 0.002 min
Response: 40172453
Conc: 1.30 ng/ml



#9 Endosulfan I

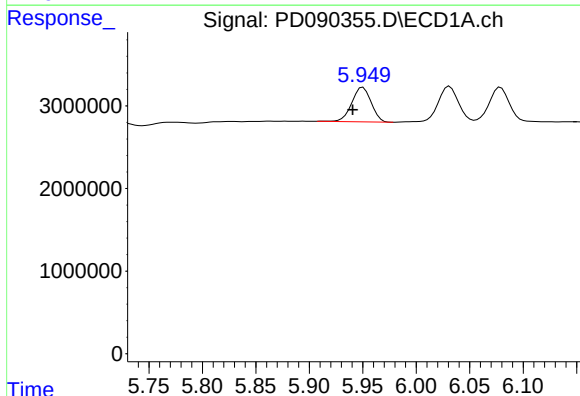
R.T.: 6.079 min
Delta R.T.: 0.010 min
Response: 5454807
Conc: 1.22 ng/ml

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



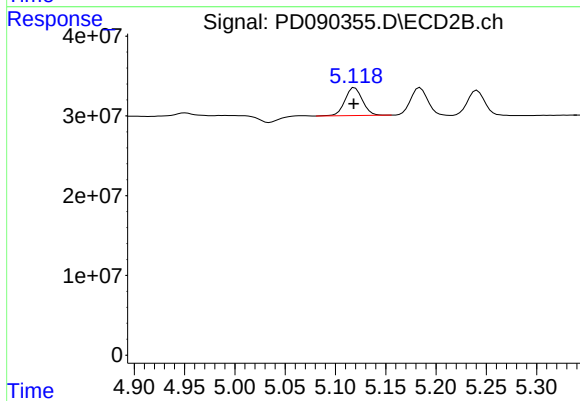
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.001 min
Response: -29505062
Conc: N.D.



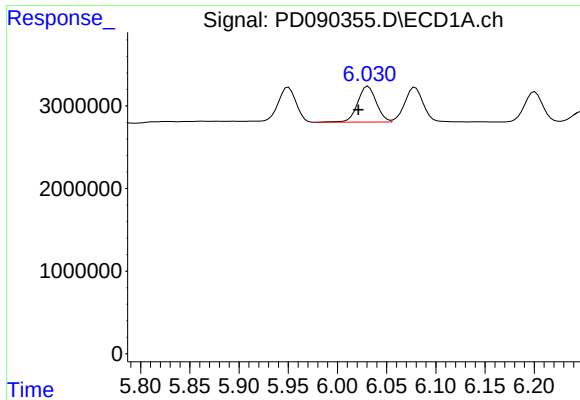
#10 trans-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.010 min
Response: 5281889
Conc: 1.15 ng/ml



#10 trans-Chlordane

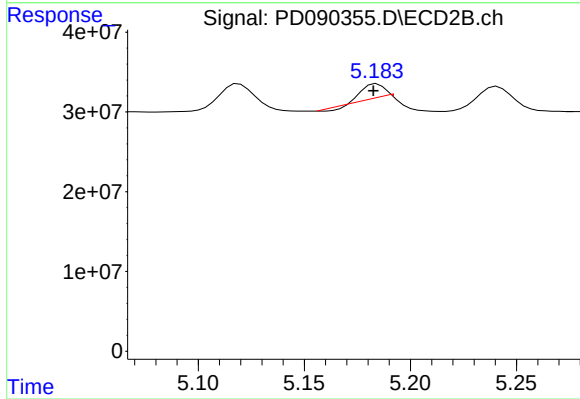
R.T.: 5.119 min
Delta R.T.: 0.001 min
Response: 42092996
Conc: 1.28 ng/ml



#11 cis-Chlordane

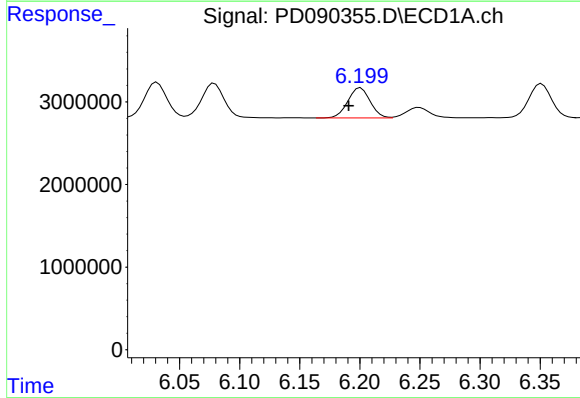
R.T.: 6.031 min
Delta R.T.: 0.010 min
Response: 5743056
Conc: 1.21 ng/ml

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



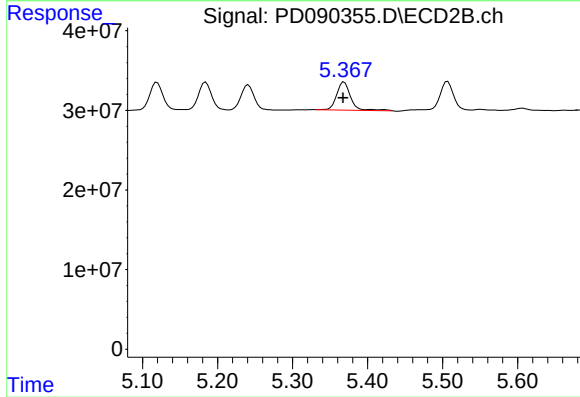
#11 cis-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.002 min
Response: 11674459
Conc: 0.37 ng/ml



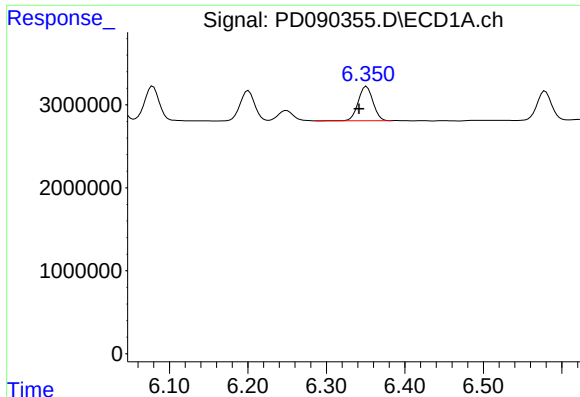
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.010 min
Response: 4719399
Conc: 1.07 ng/ml



#12 4,4'-DDE

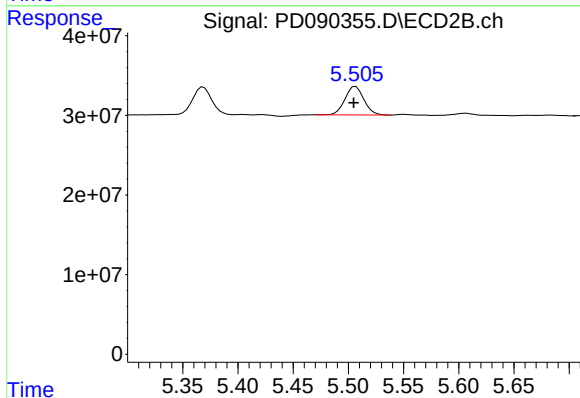
R.T.: 5.369 min
Delta R.T.: 0.002 min
Response: 45468431
Conc: 1.41 ng/ml



#13 Dieldrin

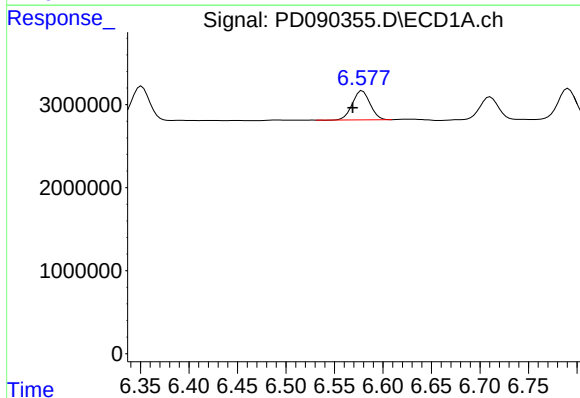
R.T.: 6.351 min
Delta R.T.: 0.010 min
Response: 5414781
Conc: 1.12 ng/ml

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



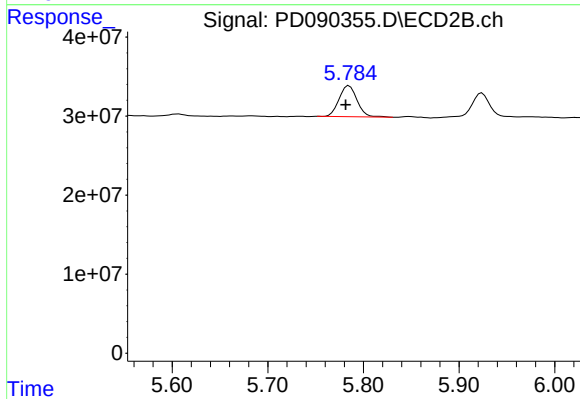
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.002 min
Response: 42771184
Conc: 1.33 ng/ml



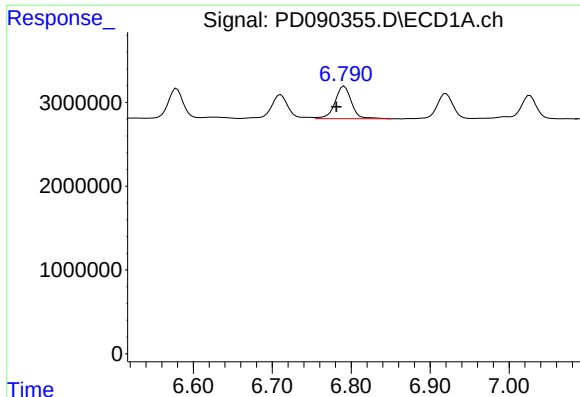
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.010 min
Response: 4413930
Conc: 1.09 ng/ml



#14 Endrin

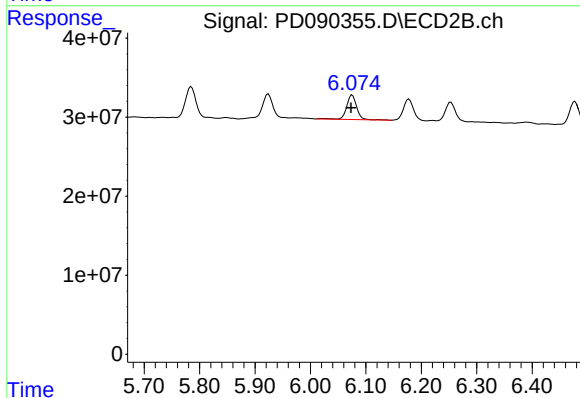
R.T.: 5.785 min
Delta R.T.: 0.003 min
Response: 51328438
Conc: 1.72 ng/ml



#15 Endosulfan II

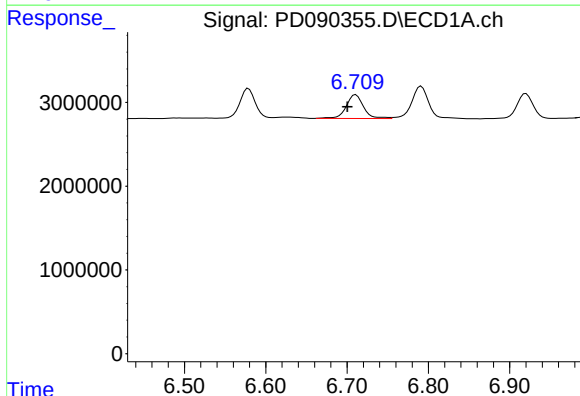
R.T.: 6.791 min
Delta R.T.: 0.010 min
Response: 5614498
Conc: 1.46 ng/ml

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



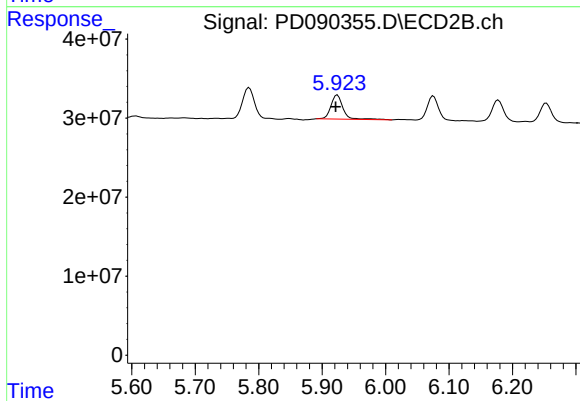
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 39675362
Conc: 1.42 ng/ml



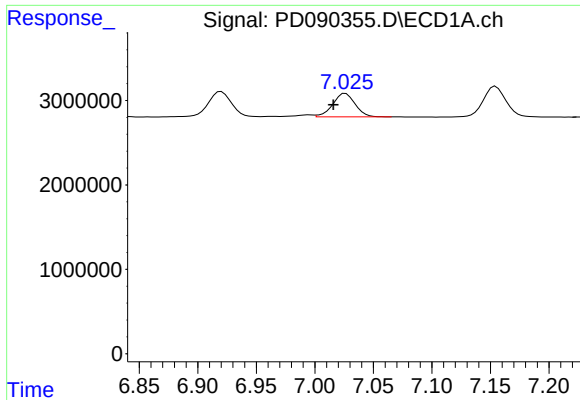
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.010 min
Response: 4215785
Conc: 1.25 ng/ml



#16 4,4'-DDD

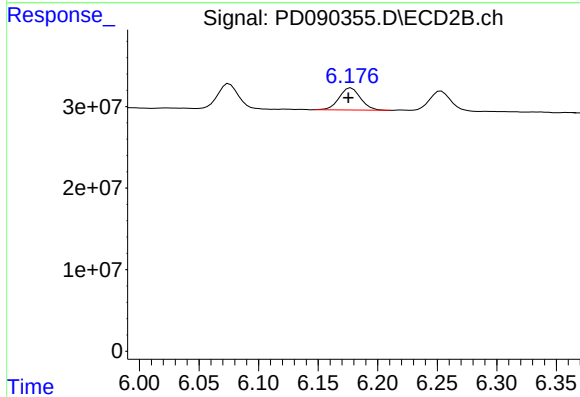
R.T.: 5.924 min
Delta R.T.: 0.003 min
Response: 41273318
Conc: 1.57 ng/ml



#17 4,4'-DDT

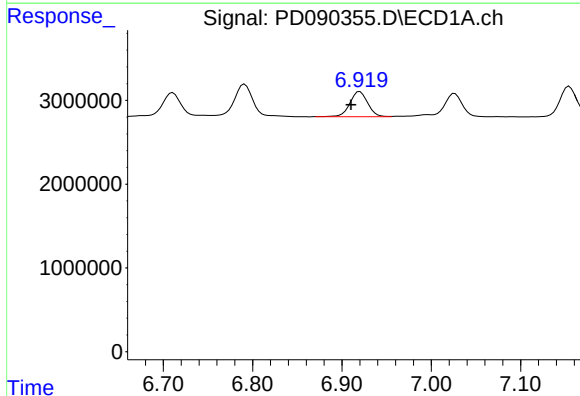
R.T.: 7.026 min
Delta R.T.: 0.011 min
Response: 3712863
Conc: 1.07 ng/ml

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



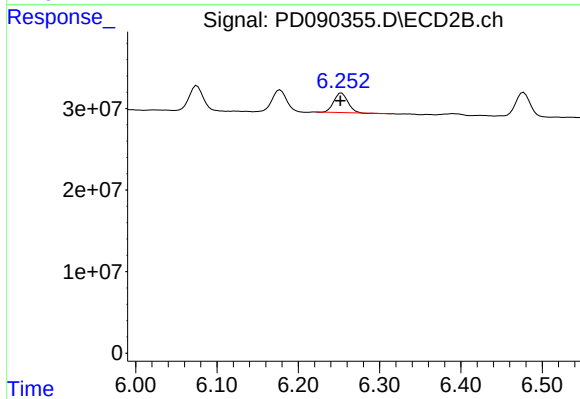
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.002 min
Response: 34116036
Conc: 1.25 ng/ml



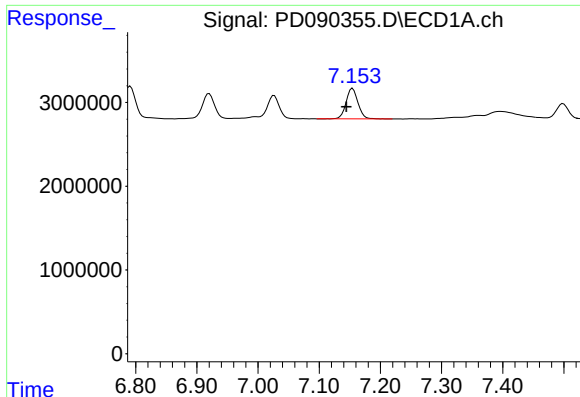
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.010 min
Response: 4155558
Conc: 1.32 ng/ml



#18 Endrin aldehyde

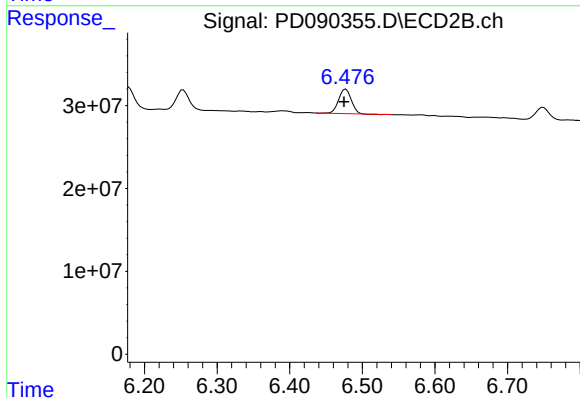
R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 28334539
Conc: 1.32 ng/ml



#19 Endosulfan Sulfate

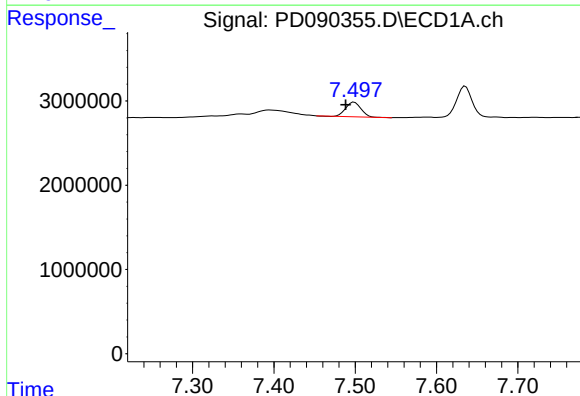
R.T.: 7.154 min
Delta R.T.: 0.010 min
Response: 4899181
Conc: 1.26 ng/ml

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



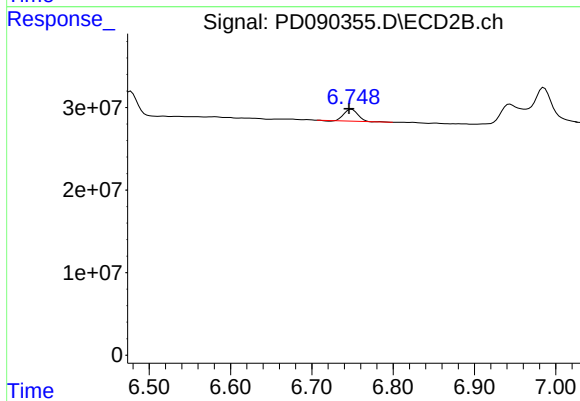
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.002 min
Response: 35295912
Conc: 1.31 ng/ml



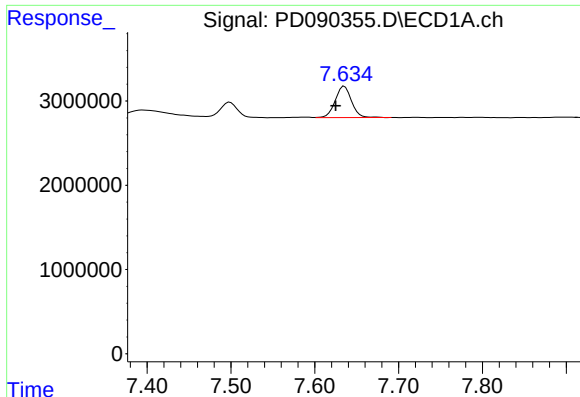
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.010 min
Response: 2271772
Conc: 1.23 ng/ml



#20 Methoxychlor

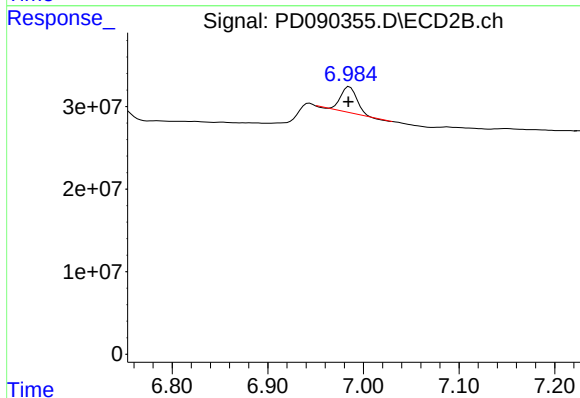
R.T.: 6.749 min
Delta R.T.: 0.003 min
Response: 16474346
Conc: 1.38 ng/ml



#21 Endrin ketone

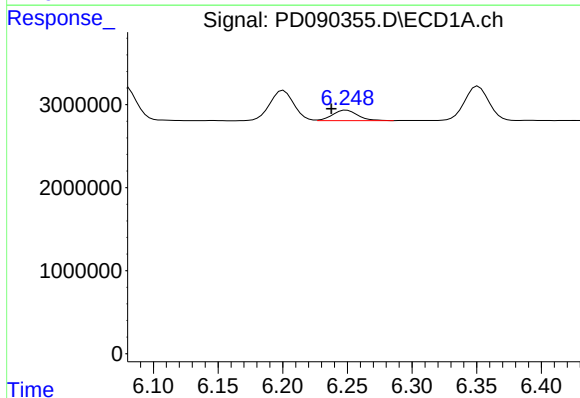
R.T.: 7.635 min
Delta R.T.: 0.010 min
Response: 5029382
Conc: 1.23 ng/ml

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



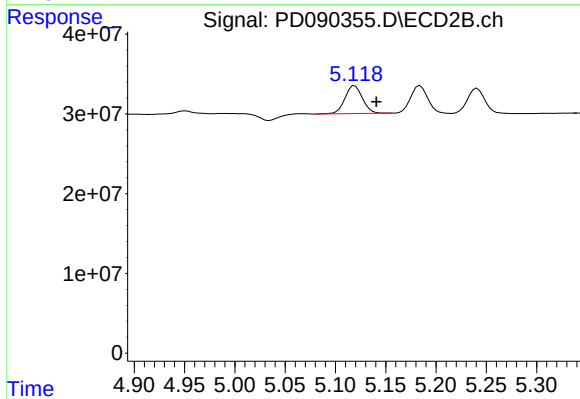
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: 0.001 min
Response: 33623061
Conc: 1.18 ng/ml



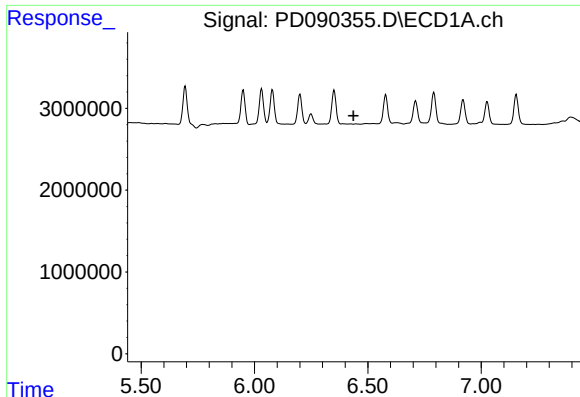
#22 Toxaphene-1

R.T.: 6.249 min
Delta R.T.: 0.012 min
Response: 1693605
Conc: 53.97 ng/ml



#22 Toxaphene-1

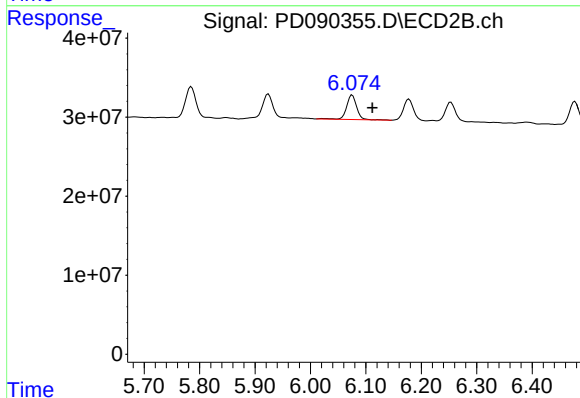
R.T.: 5.119 min
Delta R.T.: -0.021 min
Response: 42092996
Conc: 239.39 ng/ml



#23 Toxaphene-2

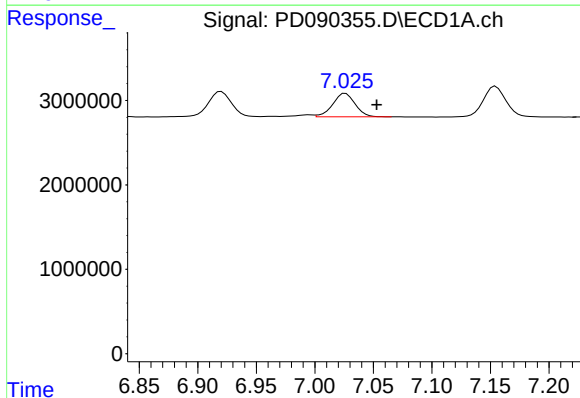
R.T.: 0.000 min
Exp R.T.: 6.437 min
Response: 0
Conc: N.D.

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



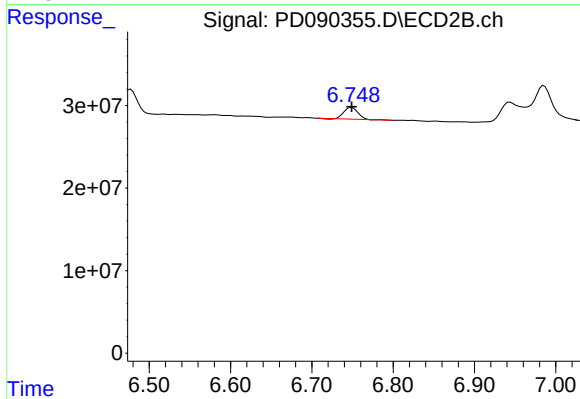
#23 Toxaphene-2

R.T.: 6.075 min
Delta R.T.: -0.036 min
Response: 39675362
Conc: 204.93 ng/ml



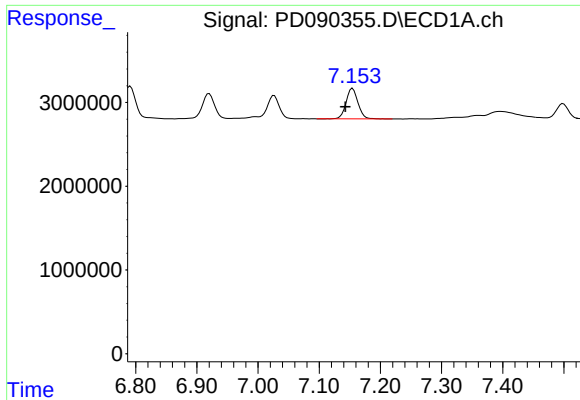
#24 Toxaphene-3

R.T.: 7.026 min
Delta R.T.: -0.026 min
Response: 3712863
Conc: 32.08 ng/ml



#24 Toxaphene-3

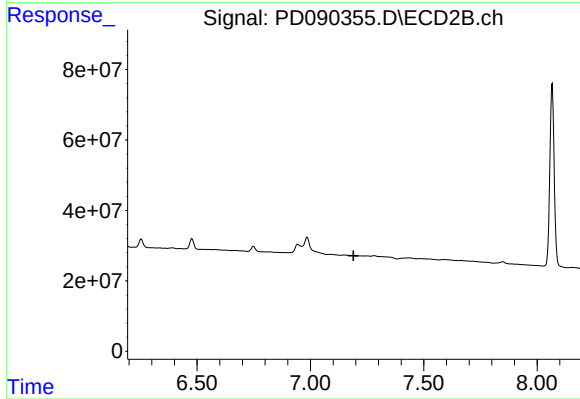
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 16474346
Conc: 27.36 ng/ml



#25 Toxaphene-4

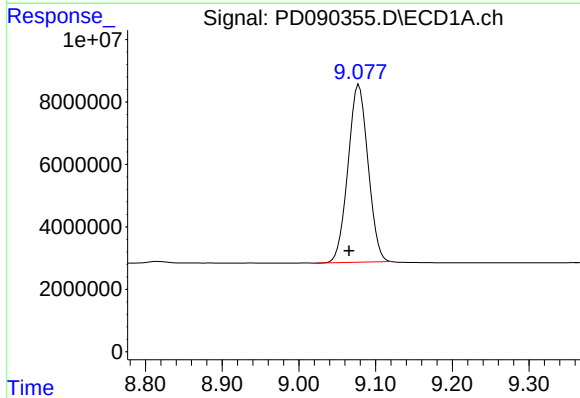
R.T.: 7.154 min
Delta R.T.: 0.011 min
Response: 4899181
Conc: 57.33 ng/ml

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



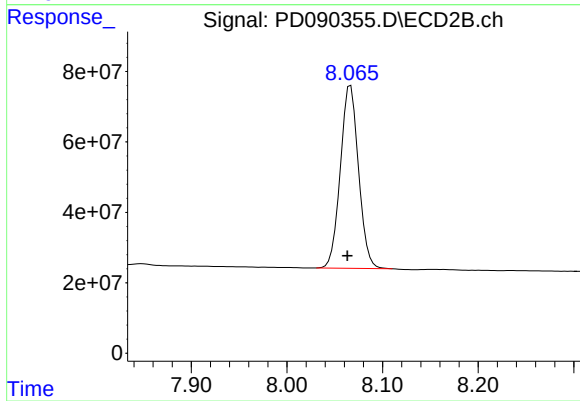
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.191 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.013 min
Response: 104008260
Conc: 26.15 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.003 min
Response: 686830150
Conc: 27.72 ng/ml