

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 17:10
 Operator : AR\AJ
 Sample : Q1168-02
 Misc : CHLOR LOQ 50PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:29:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 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...	3.555	2.882	37745166	265.3E6	18.945	22.061
28)	SA Decachlor...	9.087	8.083	60778428	301.4E6	19.927	21.326
Target Compounds							
2)	A alpha-BHC	4.029f	3.386	472817	1146539	0.117	0.061 #
3)	MA gamma-BHC...	0.000	3.735	0	1023366	N.D.	0.058 #
4)	MA Heptachlor	4.937	4.088	11239319	56396844	3.015	3.255
5)	MB Aldrin	5.249f	4.388	8410789	5713047	2.197	0.327 #
7)	B delta-BHC	4.786f	4.268	1896317	5864897	0.470	0.324 #
8)	B Heptachlo...	5.680f	0.000	5337587	0	1.562	N.D. #
9)	A Endosulfan I	0.000	5.237	0	12325141	N.D.	0.827 #
10)	B gamma-Chl...	5.955	5.133	27959411	122.1E6	8.460	7.505
11)	B alpha-Chl...	6.041	5.197	35043696	105.2E6	10.520	6.595 #
12)	B 4,4'-DDE	6.192	5.382	21290	1485780	0.007	0.094 #
13)	MA Dieldrin	6.363	0.000	931273	0	0.276	N.D. #
14)	MA Endrin	0.000	5.798	0	12299089	N.D.	0.826 #
15)	B Endosulfa...	6.798	6.098	405451	41112259	0.141	2.880 #
16)	A 4,4'-DDD	6.692f	5.930	4027765	-7828342	1.674	N.D. #
17)	MA 4,4'-DDT	6.996f	6.190	51883	796599	0.020	0.059 #
18)	B Endrin al...	6.935f	6.277	401684	980653	0.173	0.084 #
19)	B Endosulfa...	7.157	6.495	-22329	1293770	N.D.	0.091
21)	B Endrin ke...	0.000	6.983	0	762913	N.D.	0.049 #
22)	Mirex	0.000	7.178	0	139816	N.D.	0.011 #
23)	Chlordane-1	4.722	3.910	7229757	38256097	56.543	68.781
24)	Chlordane-2	5.249	4.493	8410789	42151945	61.995	71.326
25)	Chlordane-3	5.955	5.133	27959411	122.1E6	55.616	69.935 #
26)	Chlordane-4	6.041	5.197	35043696	105.2E6	57.656	71.307
27)	Chlordane-5	6.880	6.098	5696117	41112259	53.355	62.794

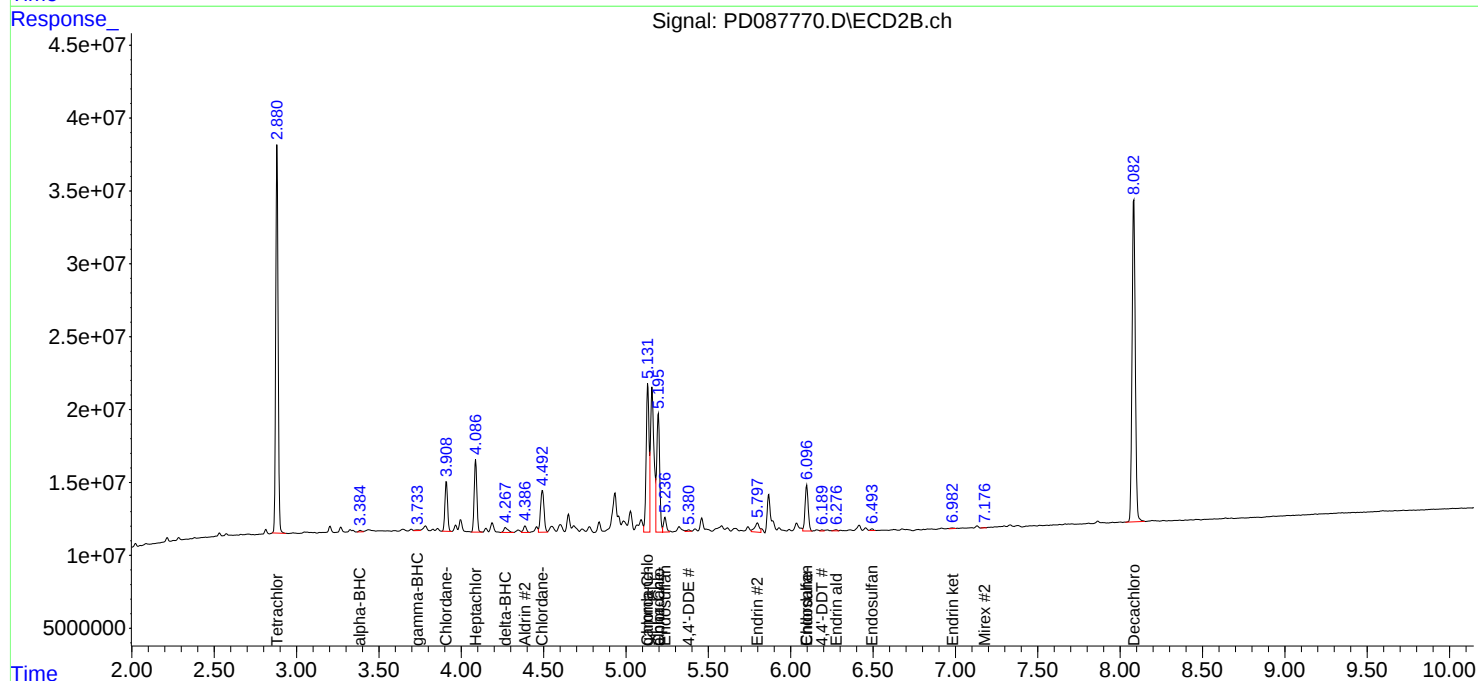
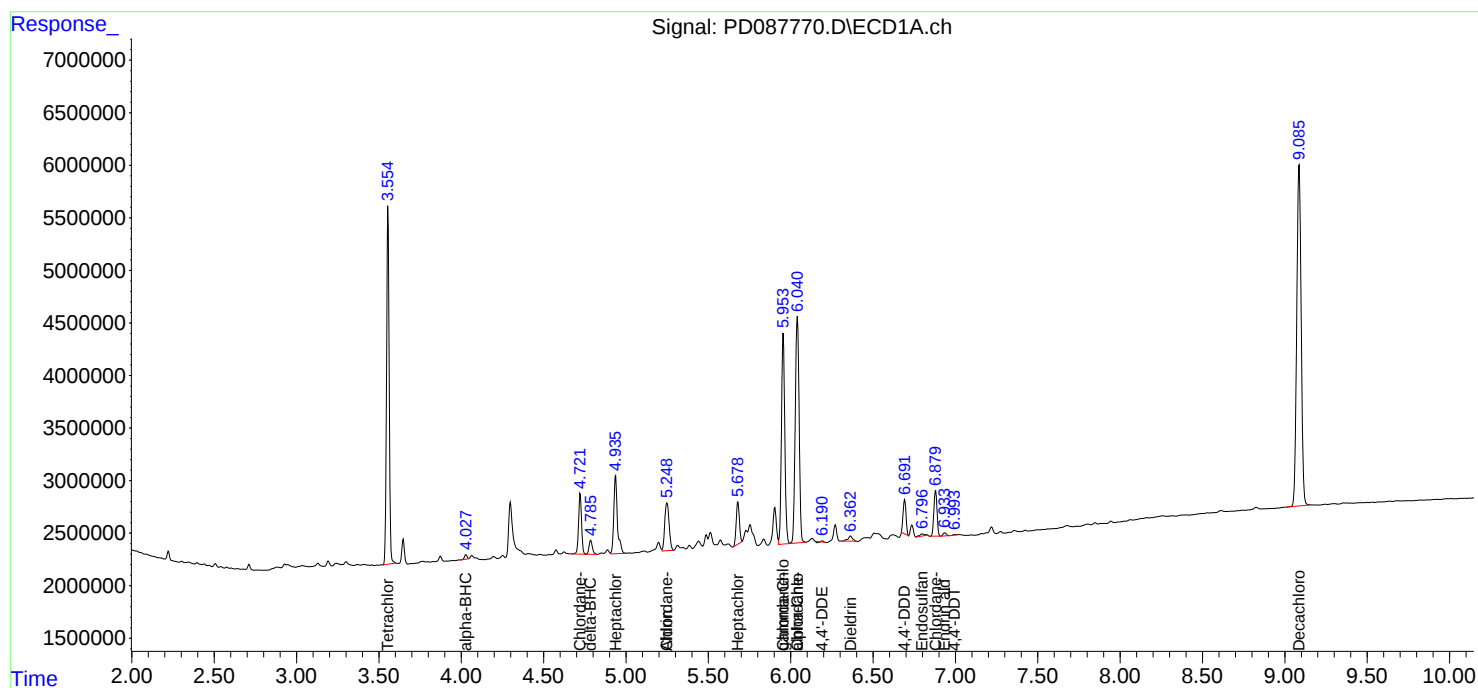
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

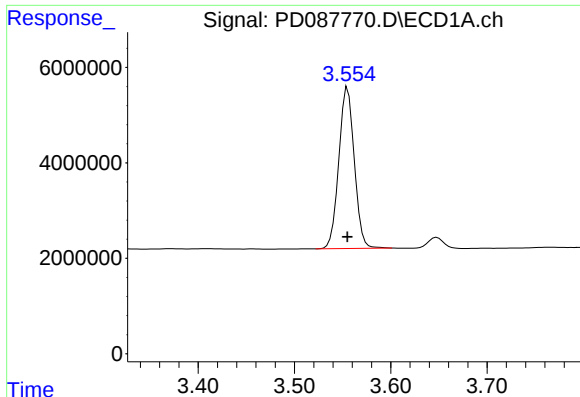
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 17:10
Operator : AR\AJ
Sample : Q1168-02
Misc : CHLOR LOQ 50PPB
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:29:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 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

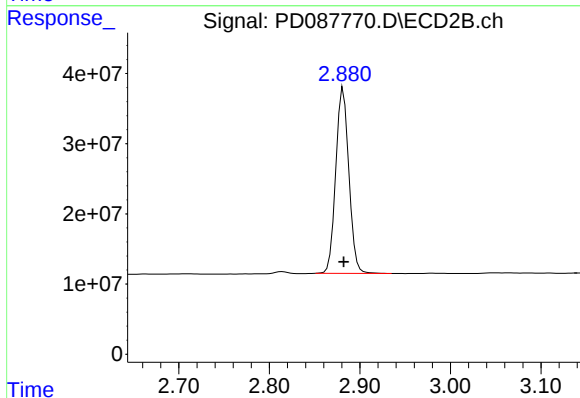




#1 Tetrachloro-m-xylene

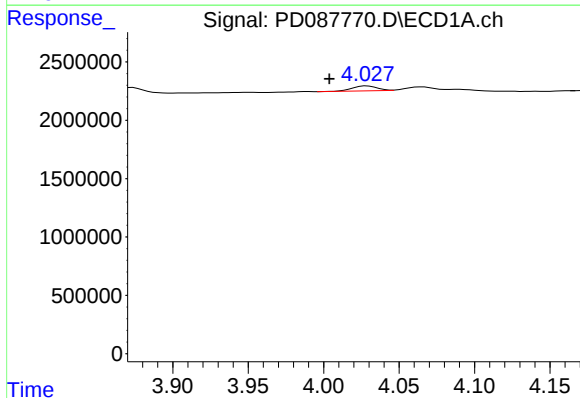
R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 37745166
Conc: 18.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



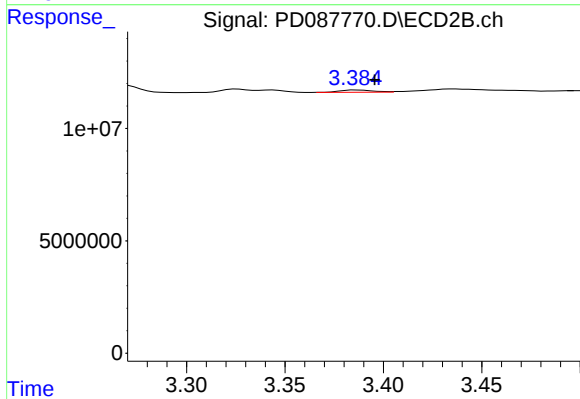
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 265324522
Conc: 22.06 ng/ml



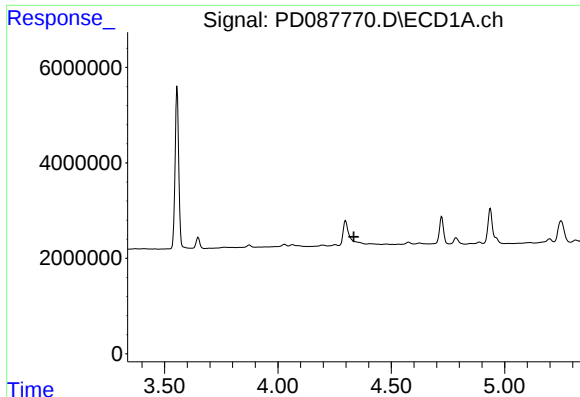
#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.025 min
Response: 472817
Conc: 0.12 ng/ml



#2 alpha-BHC

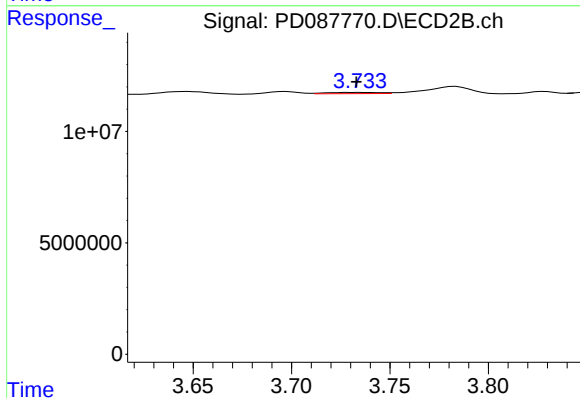
R.T.: 3.386 min
Delta R.T.: -0.010 min
Response: 1146539
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

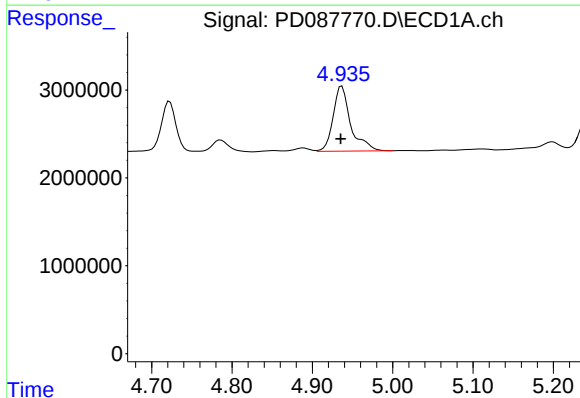
R.T.: 0.000 min
Exp R.T.: 4.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



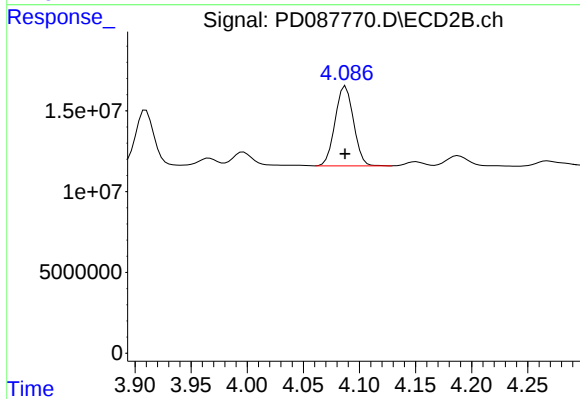
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.002 min
Response: 1023366
Conc: 0.06 ng/ml



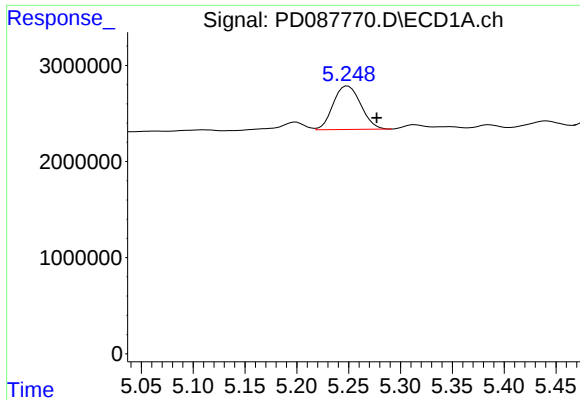
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 11239319
Conc: 3.01 ng/ml



#4 Heptachlor

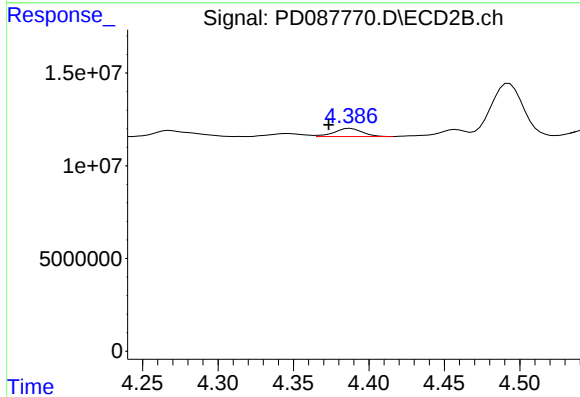
R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 56396844
Conc: 3.26 ng/ml



#5 Aldrin

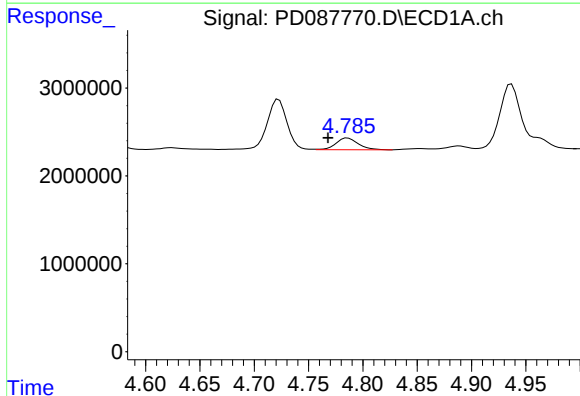
R.T.: 5.249 min
Delta R.T.: -0.028 min
Response: 8410789
Conc: 2.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



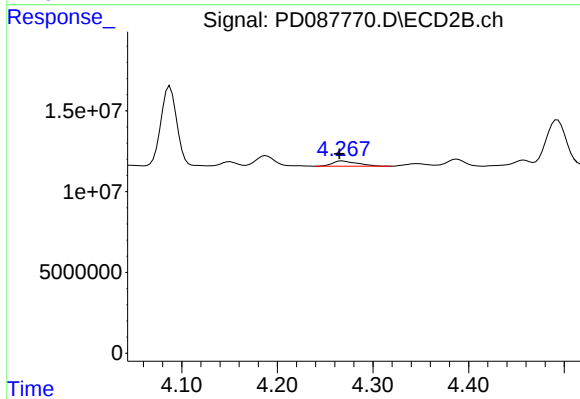
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: 0.014 min
Response: 5713047
Conc: 0.33 ng/ml



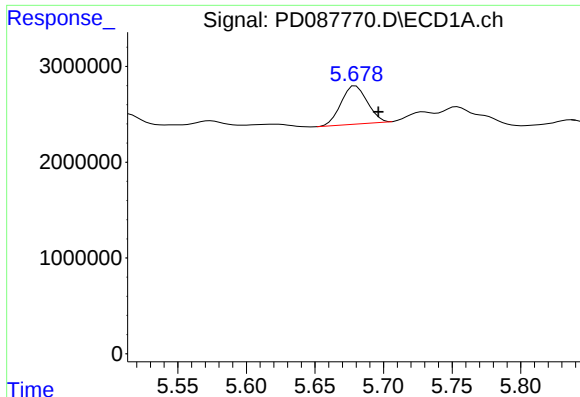
#7 delta-BHC

R.T.: 4.786 min
Delta R.T.: 0.018 min
Response: 1896317
Conc: 0.47 ng/ml



#7 delta-BHC

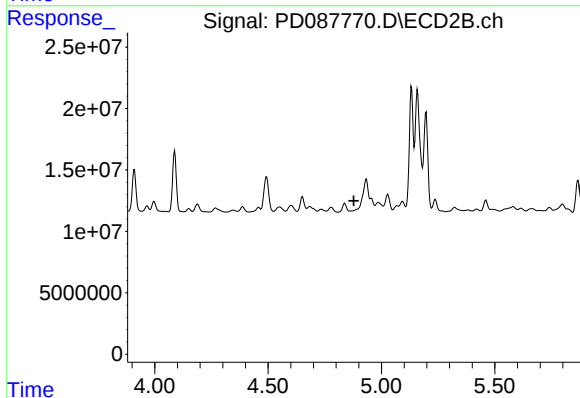
R.T.: 4.268 min
Delta R.T.: 0.003 min
Response: 5864897
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

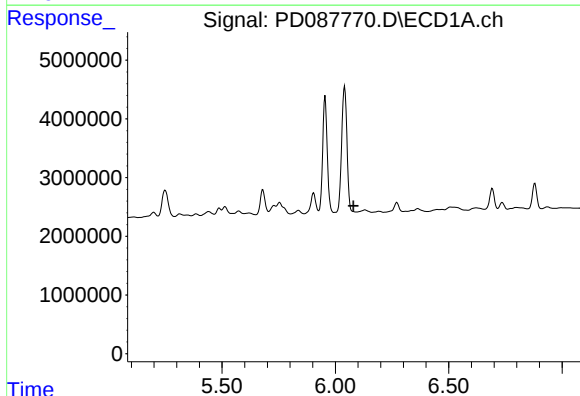
R.T.: 5.680 min
Delta R.T.: -0.017 min
Response: 5337587
Conc: 1.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



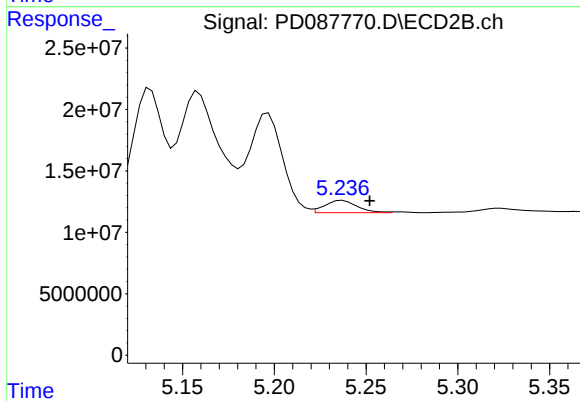
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.878 min
Response: 0
Conc: N.D.



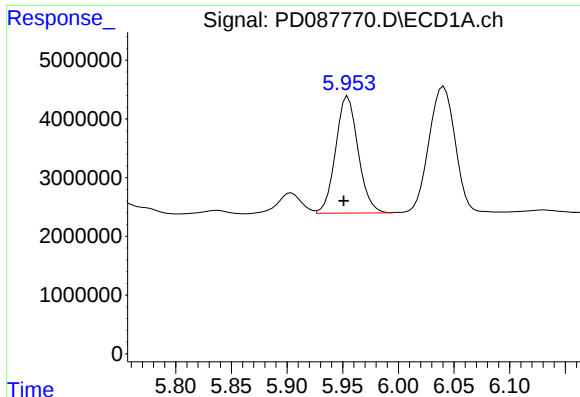
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.080 min
Response: 0
Conc: N.D.



#9 Endosulfan I

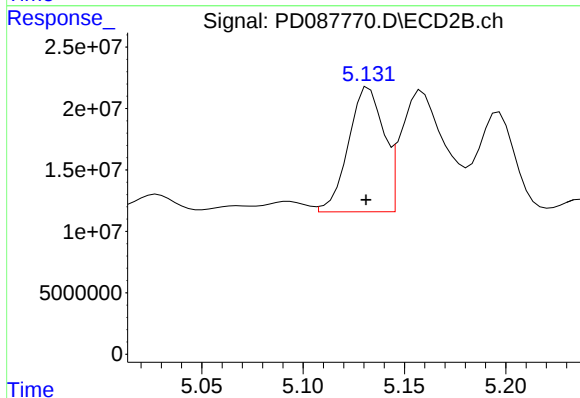
R.T.: 5.237 min
Delta R.T.: -0.015 min
Response: 12325141
Conc: 0.83 ng/ml



#10 gamma-Chlordane

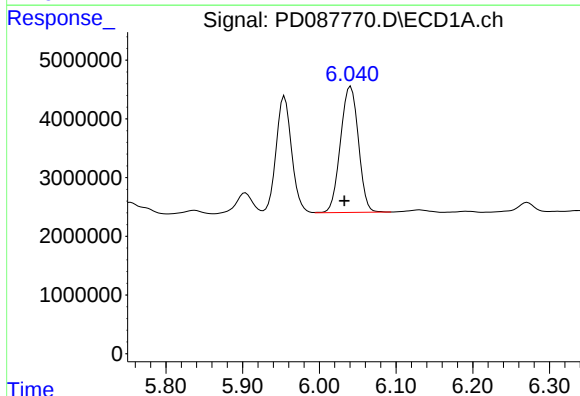
R.T.: 5.955 min
Delta R.T.: 0.004 min
Response: 27959411
Conc: 8.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



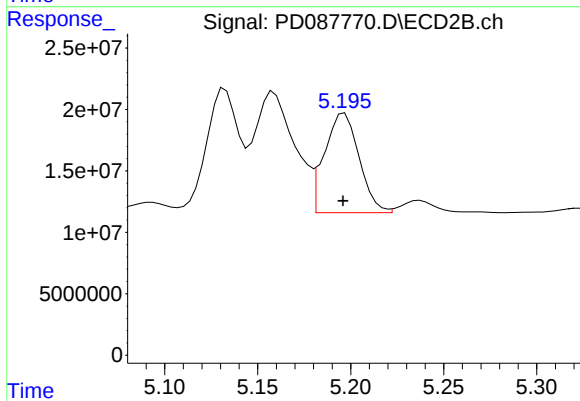
#10 gamma-Chlordane

R.T.: 5.133 min
Delta R.T.: 0.001 min
Response: 122066309
Conc: 7.50 ng/ml



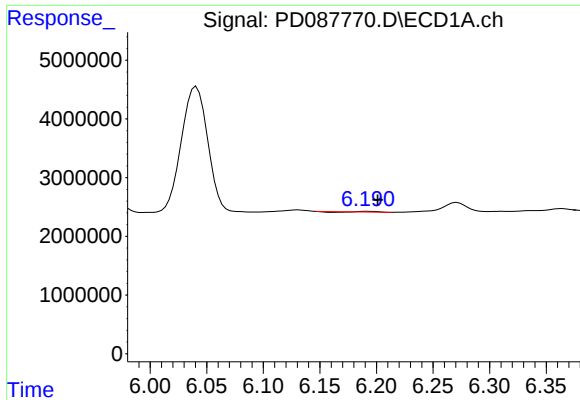
#11 alpha-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.008 min
Response: 35043696
Conc: 10.52 ng/ml



#11 alpha-Chlordane

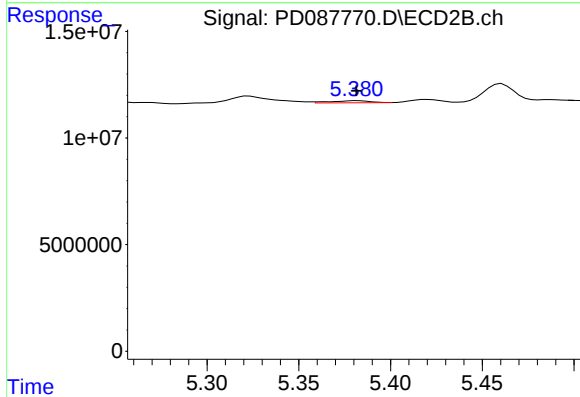
R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 105210871
Conc: 6.59 ng/ml



#12 4,4'-DDE

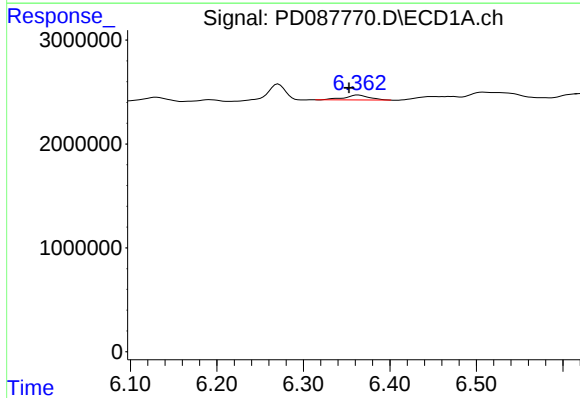
R.T.: 6.192 min
Delta R.T.: -0.010 min
Response: 21290
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



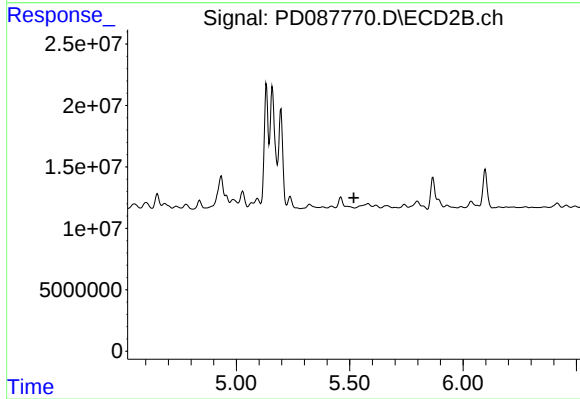
#12 4,4'-DDE

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 1485780
Conc: 0.09 ng/ml



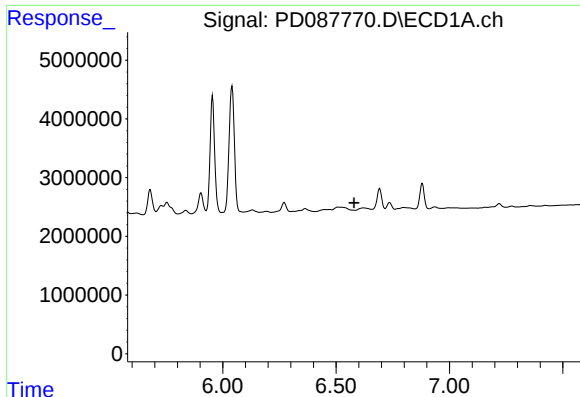
#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: 0.011 min
Response: 931273
Conc: 0.28 ng/ml



#13 Dieldrin

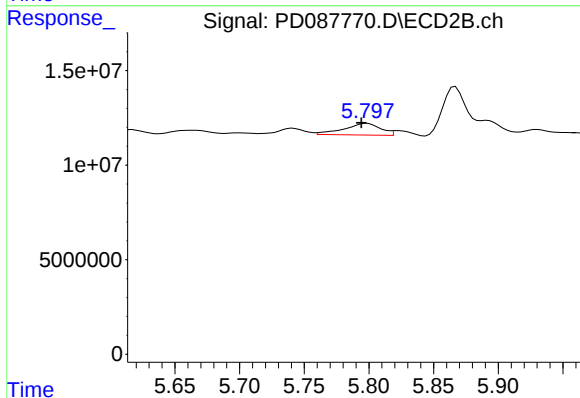
R.T.: 0.000 min
Exp R.T. : 5.518 min
Response: 0
Conc: N.D.



#14 Endrin

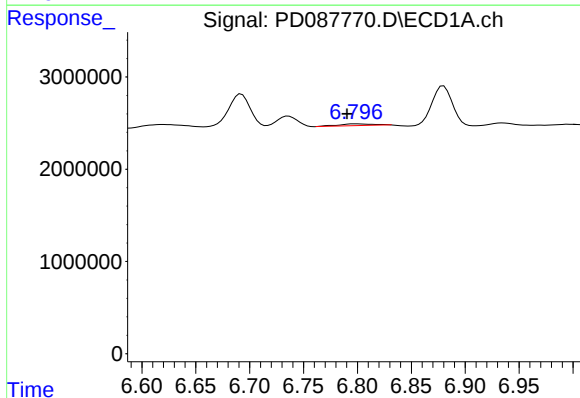
R.T.: 0.000 min
Exp R.T.: 6.579 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



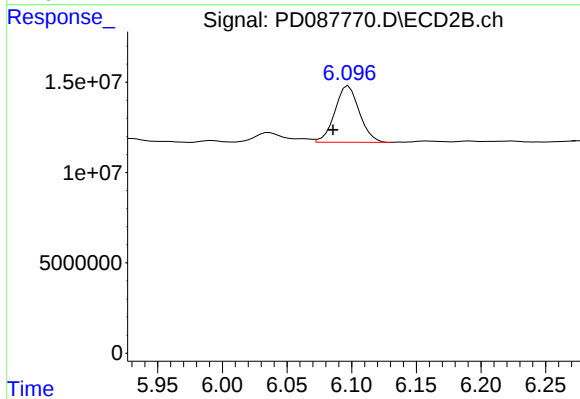
#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.004 min
Response: 12299089
Conc: 0.83 ng/ml



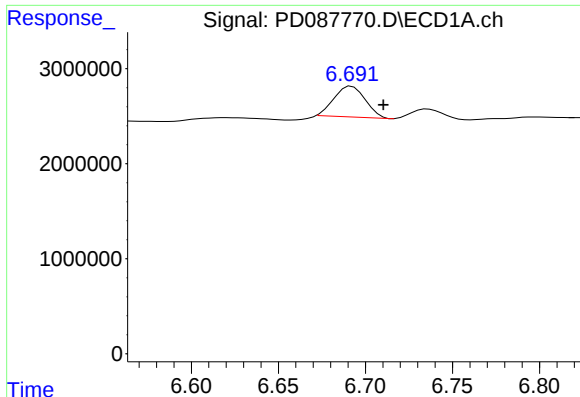
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.007 min
Response: 405451
Conc: 0.14 ng/ml



#15 Endosulfan II

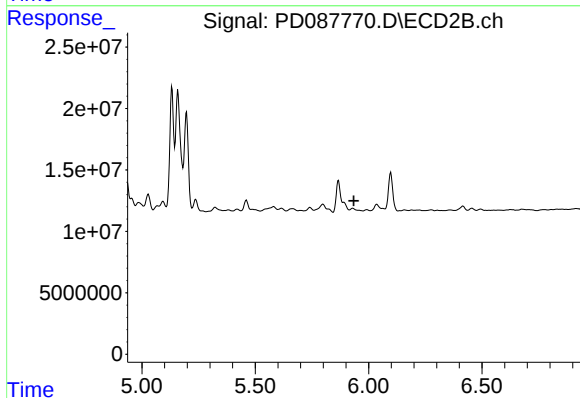
R.T.: 6.098 min
Delta R.T.: 0.012 min
Response: 41112259
Conc: 2.88 ng/ml



#16 4,4'-DDD

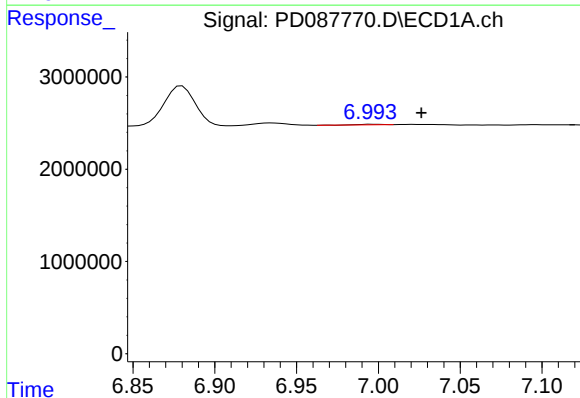
R.T.: 6.692 min
Delta R.T.: -0.018 min
Response: 4027765
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



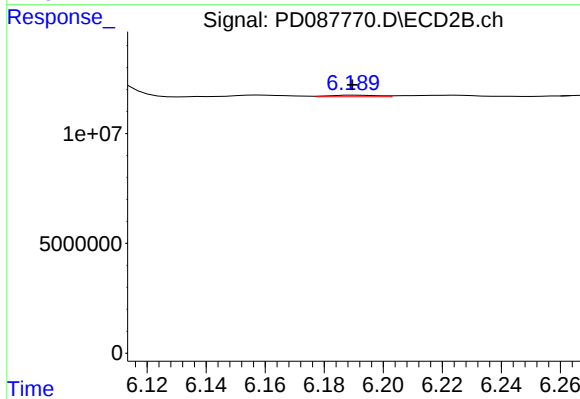
#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: -7828342
Conc: N.D.



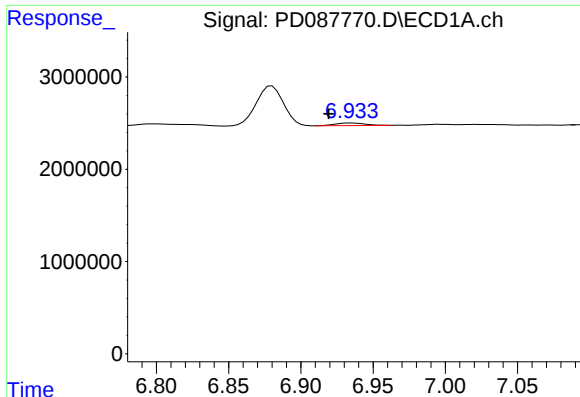
#17 4,4'-DDT

R.T.: 6.996 min
Delta R.T.: -0.030 min
Response: 51883
Conc: 0.02 ng/ml



#17 4,4'-DDT

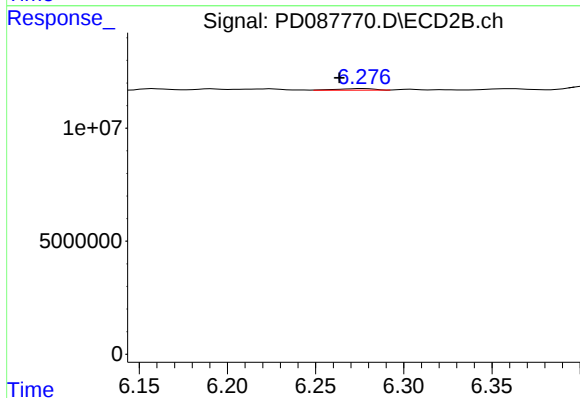
R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 796599
Conc: 0.06 ng/ml



#18 Endrin aldehyde

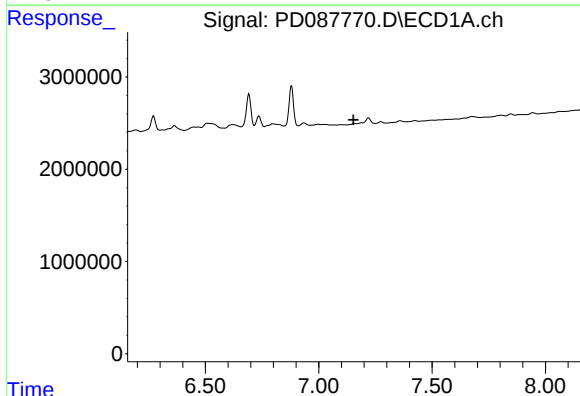
R.T.: 6.935 min
Delta R.T.: 0.016 min
Response: 401684
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



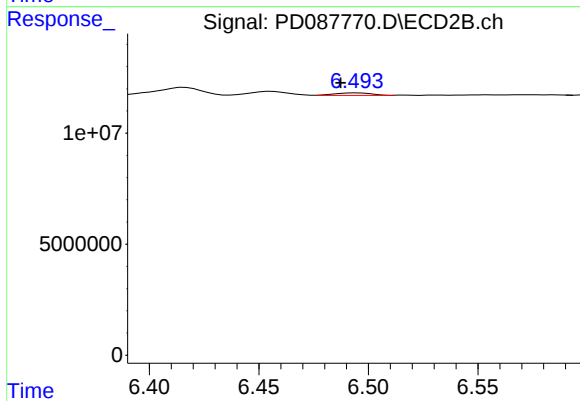
#18 Endrin aldehyde

R.T.: 6.277 min
Delta R.T.: 0.014 min
Response: 980653
Conc: 0.08 ng/ml



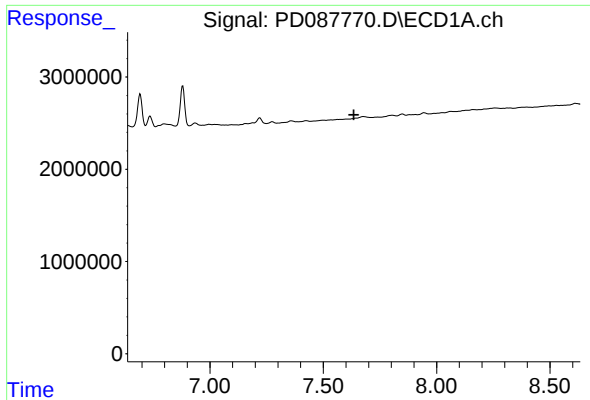
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.004 min
Response: -22329
Conc: N.D.



#19 Endosulfan Sulfate

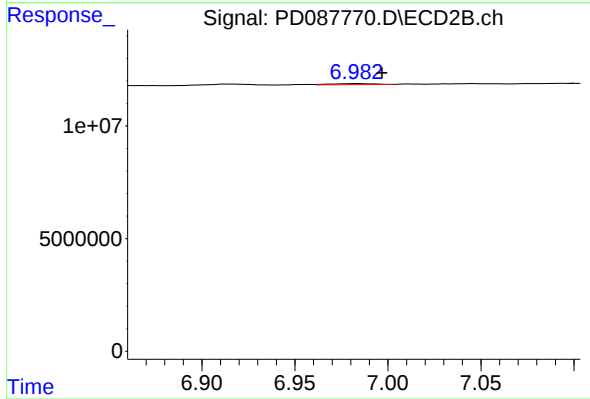
R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 1293770
Conc: 0.09 ng/ml



#21 Endrin ketone

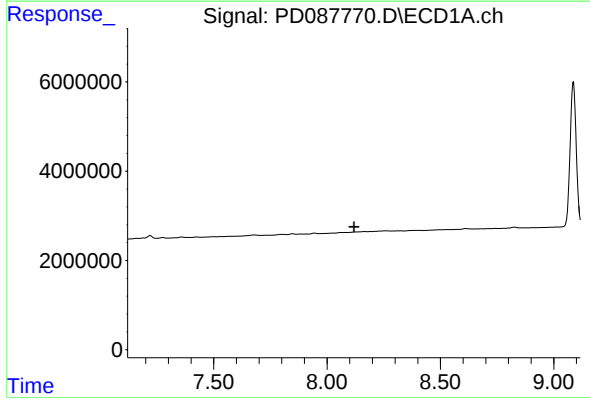
R.T.: 0.000 min
Exp R.T.: 7.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



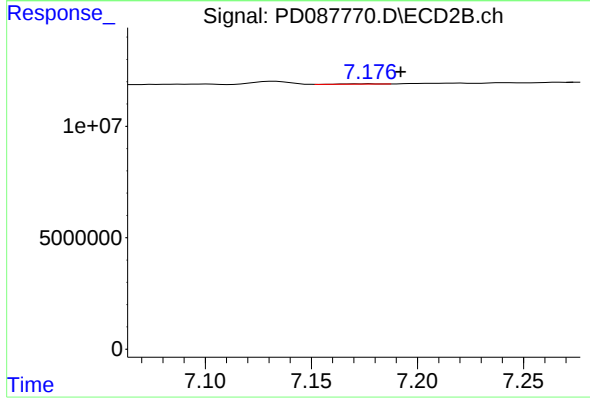
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.014 min
Response: 762913
Conc: 0.05 ng/ml



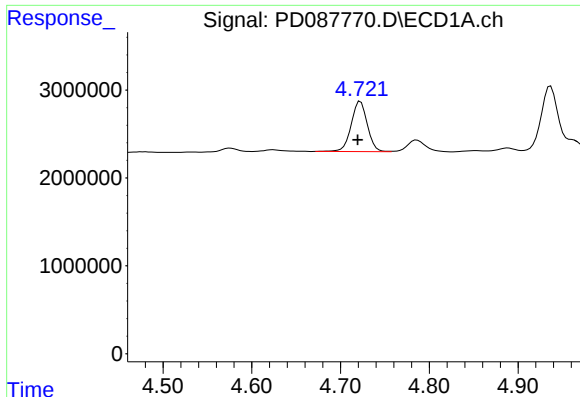
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.119 min
Response: 0
Conc: N.D.



#22 Mirex

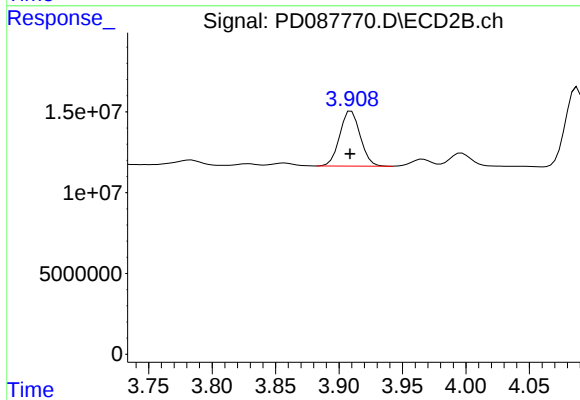
R.T.: 7.178 min
Delta R.T.: -0.014 min
Response: 139816
Conc: 0.01 ng/ml



#23 Chlordane-1

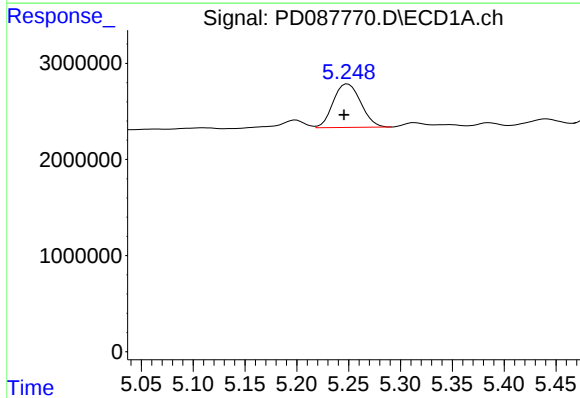
R.T.: 4.722 min
Delta R.T.: 0.003 min
Response: 7229757
Conc: 56.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



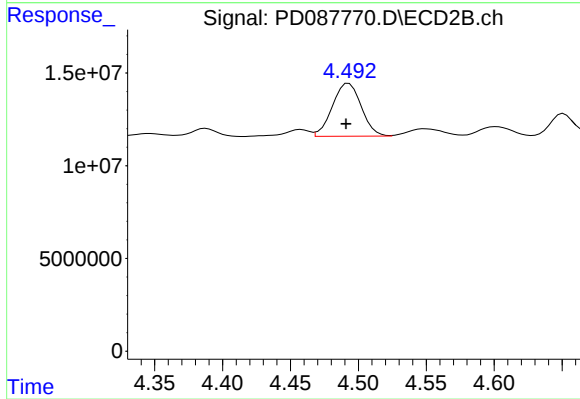
#23 Chlordane-1

R.T.: 3.910 min
Delta R.T.: 0.001 min
Response: 38256097
Conc: 68.78 ng/ml



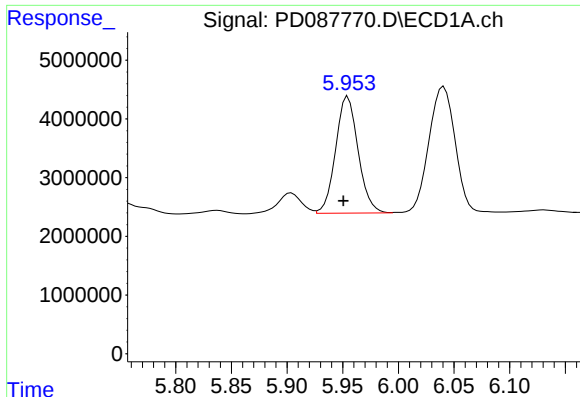
#24 Chlordane-2

R.T.: 5.249 min
Delta R.T.: 0.004 min
Response: 8410789
Conc: 61.99 ng/ml



#24 Chlordane-2

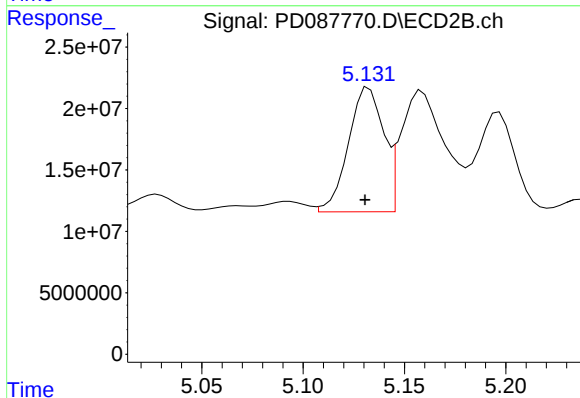
R.T.: 4.493 min
Delta R.T.: 0.002 min
Response: 42151945
Conc: 71.33 ng/ml



#25 Chlordane-3

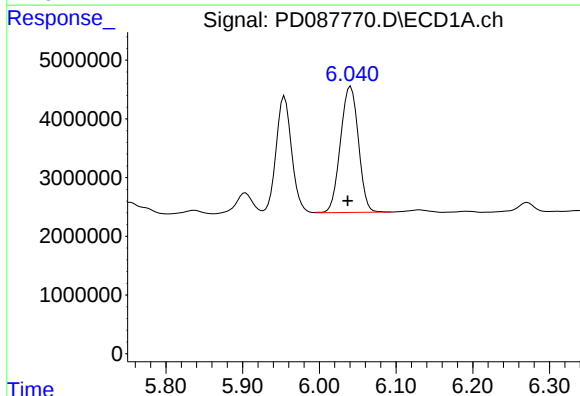
R.T.: 5.955 min
Delta R.T.: 0.004 min
Response: 27959411
Conc: 55.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



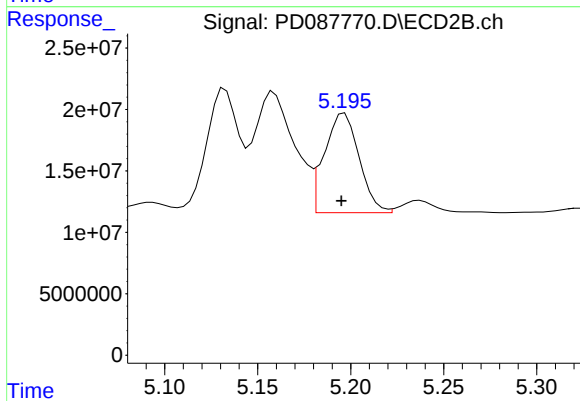
#25 Chlordane-3

R.T.: 5.133 min
Delta R.T.: 0.002 min
Response: 122066309
Conc: 69.94 ng/ml



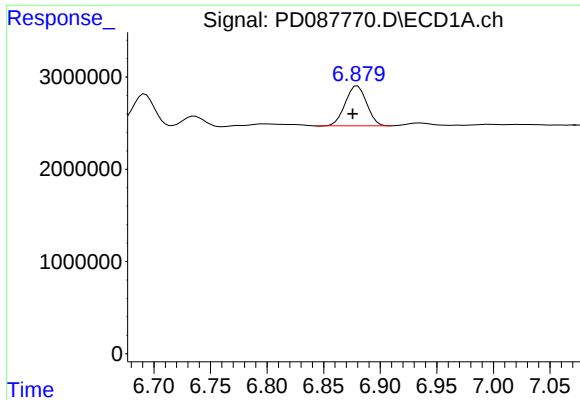
#26 Chlordane-4

R.T.: 6.041 min
Delta R.T.: 0.004 min
Response: 35043696
Conc: 57.66 ng/ml



#26 Chlordane-4

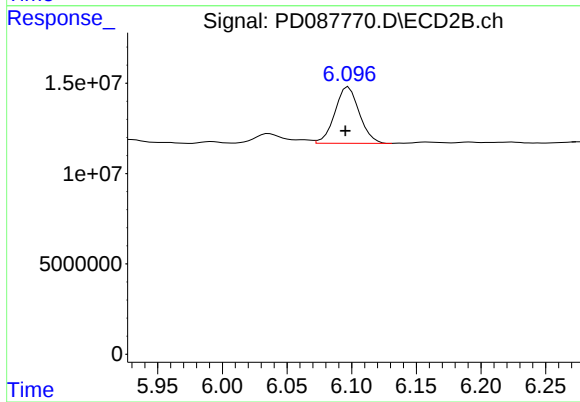
R.T.: 5.197 min
Delta R.T.: 0.002 min
Response: 105210871
Conc: 71.31 ng/ml



#27 Chlordane-5

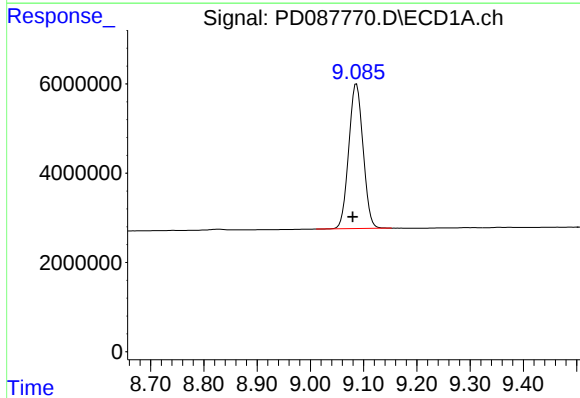
R.T.: 6.880 min
Delta R.T.: 0.004 min
Response: 5696117
Conc: 53.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



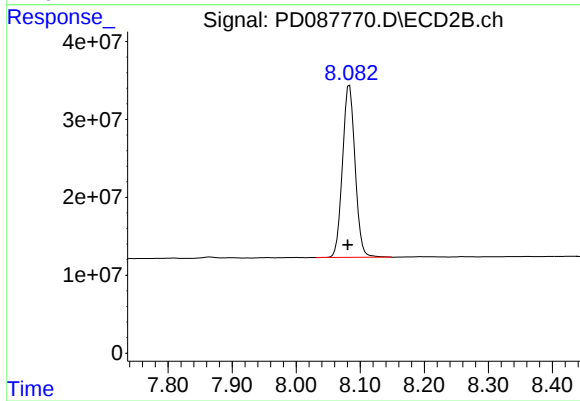
#27 Chlordane-5

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 41112259
Conc: 62.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.007 min
Response: 60778428
Conc: 19.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: 0.003 min
Response: 301380409
Conc: 21.33 ng/ml