

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
 Data File : PD090287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 10:41
 Operator : AR\AJ
 Sample : Q2893-03
 Misc : PEST MDL 1PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:46:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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	2.876	50465497	503.0E6	17.195	22.811 #
2)	SA Decachlor...	9.075	8.066	90583897	573.7E6	20.988	22.162
Target Compounds							
2)	A alpha-BHC	4.003	3.388	6303915	58808110	1.050	1.733 #
3)	MA gamma-BHC...	0.000	3.725	0	38714652	N.D.	1.242 #
4)	MA Heptachlor	4.932	4.078	21666756	41910322	3.863	1.344 #
5)	MB Aldrin	5.273	4.364	4635320	39645035	0.856	1.302 #
6)	B beta-BHC	4.521	4.021	2588777	22267214	1.154	1.670 #
7)	B delta-BHC	4.770	4.257	16463548	44062503	3.180	1.397 #
8)	B Heptachlo...	5.694	4.867	11597649	41603689	2.364	1.502 #
9)	A Endosulfan I	6.077	5.241	5172081	37127712	1.121	1.416 #
10)	B gamma-Chl...	5.949	5.120	5570413	40888806	1.139	1.381
11)	B alpha-Chl...	6.030	5.185	5462035	40035306	1.110	1.403 #
12)	B 4,4'-DDE	6.199	5.369	4684524	36598246	1.068	1.270
13)	MA Dieldrin	6.350	5.507	2013267	38254561	0.411	1.306 #
14)	MA Endrin	0.000	5.785	0	39247415	N.D.	1.474 #
15)	B Endosulfa...	6.789	6.076	5736339	37267956	1.359	1.473
16)	A 4,4'-DDD	6.709	5.924	4323851	33555395	1.250	1.396
17)	MA 4,4'-DDT	7.025	6.178	2928966	34031013	0.769	1.357 #
18)	B Endrin al...	6.919	6.254	3740237	29144984	1.305	1.693 #
19)	B Endosulfa...	7.153	6.478	4197660	35392855	1.071	1.452 #
20)	A Methoxychlor	7.497	6.749	2576965	19584841	1.285	1.519
21)	B Endrin ke...	7.634	6.986	4856286	33049496	1.172	1.240
22)	Mirex	8.116	7.180	3862360	27210554	1.224	1.317
23)	Chlordane-1	0.000	3.926f	0	549494	N.D.	0.618 #
24)	Chlordane-2	0.000	4.477	0	87549	N.D.	0.091 #
25)	Chlordane-3	5.949	5.120	5570413	40888806	8.213	14.756 #
26)	Chlordane-4	6.030	5.185	5462035	40035306	6.579	16.633 #
27)	Chlordane-5	0.000	6.076	0	37267956	N.D.	33.881 #

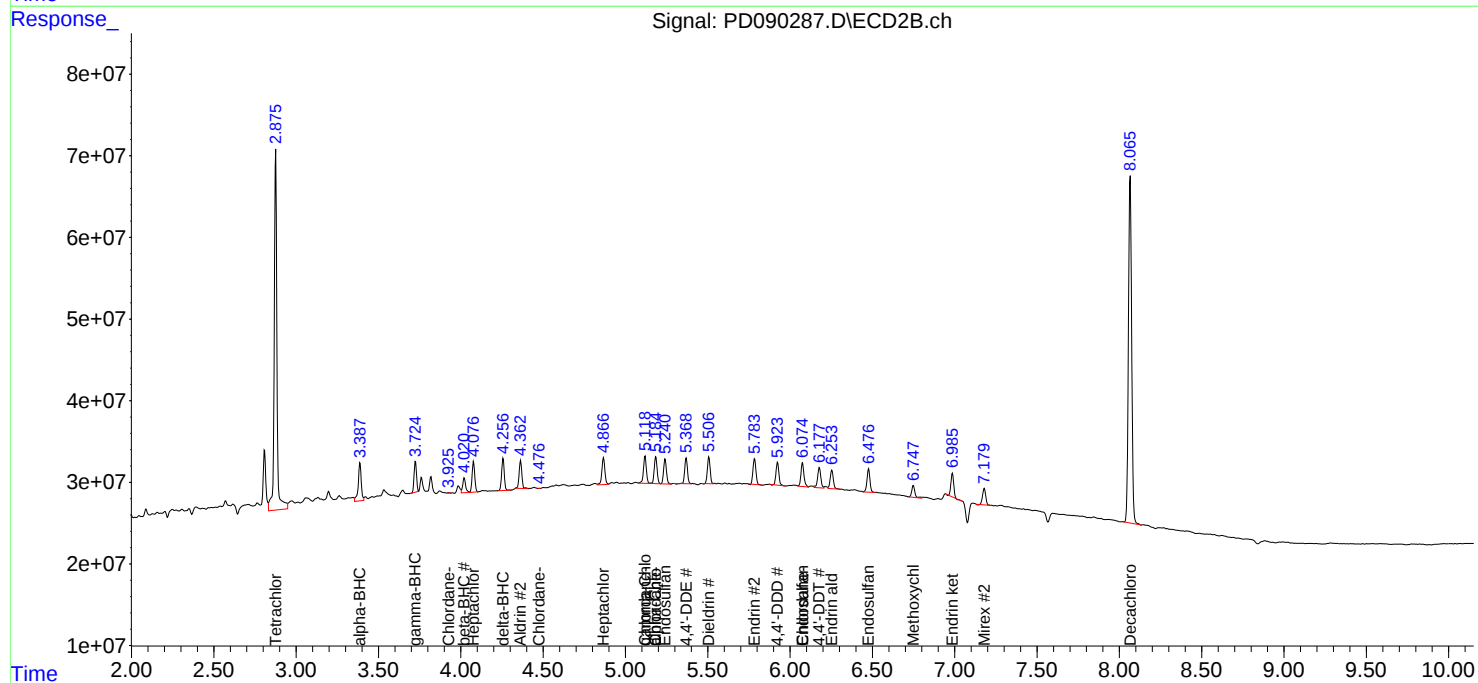
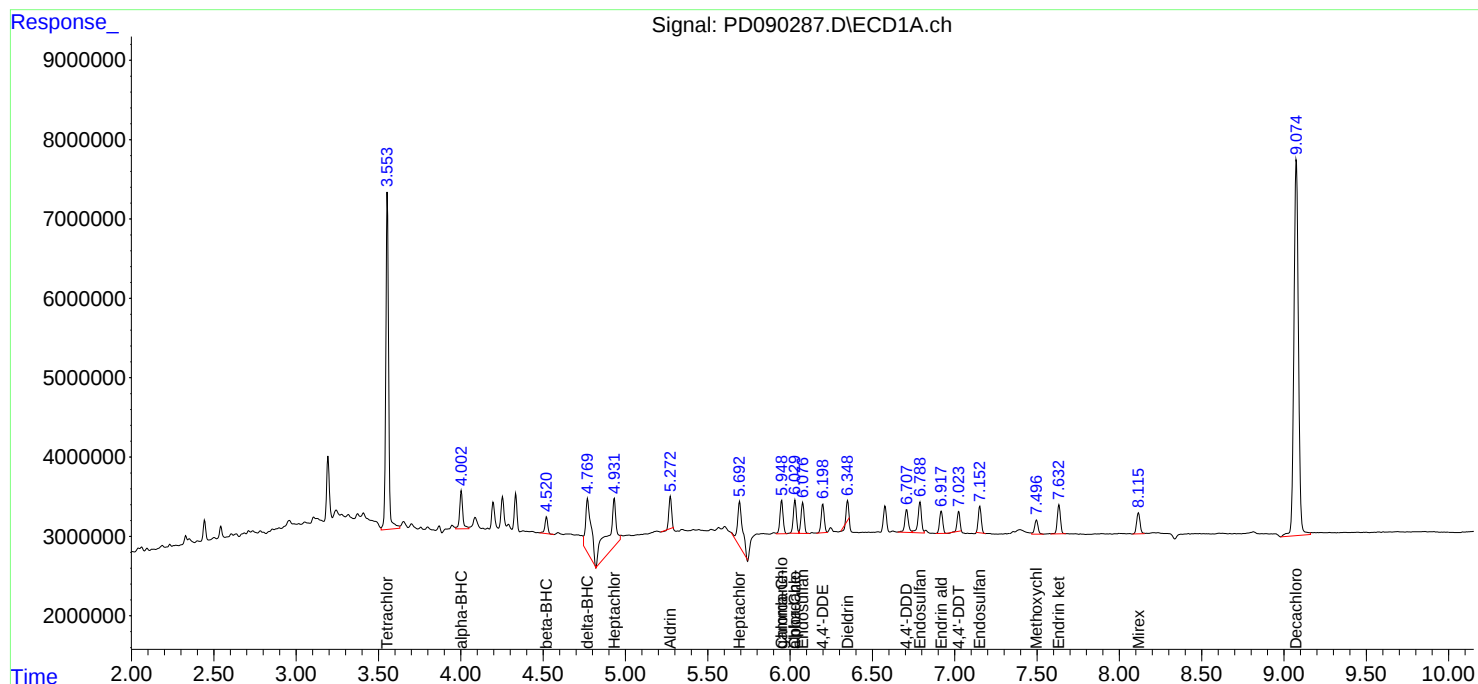
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

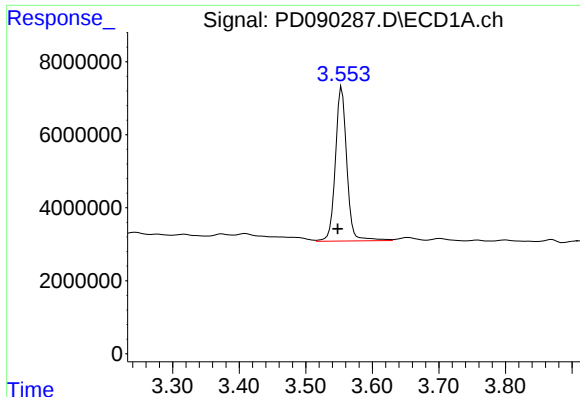
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
Data File : PD090287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2025 10:41
Operator : AR\AJ
Sample : Q2893-03
Misc : PEST MDL 1PPB
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Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 02:46:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
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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

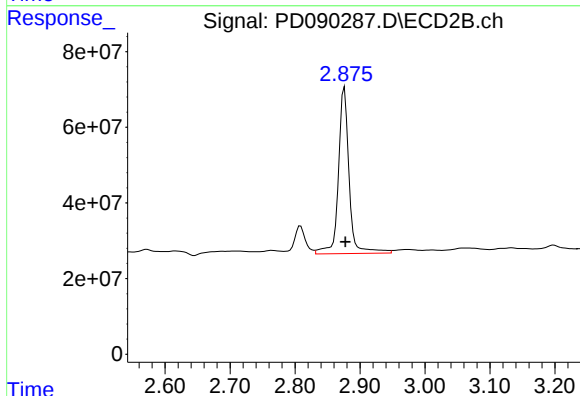




#1 Tetrachloro-m-xylene

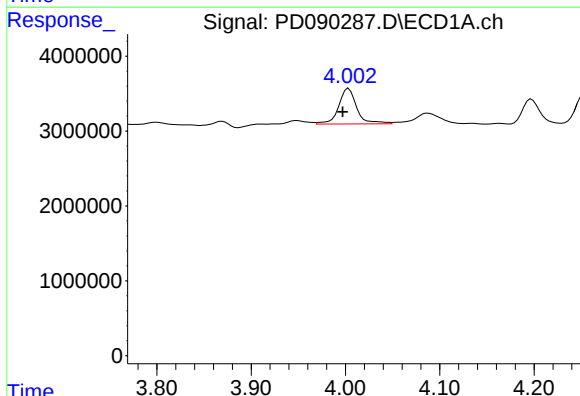
R.T.: 3.554 min
Delta R.T.: 0.006 min
Response: 50465497
Conc: 17.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



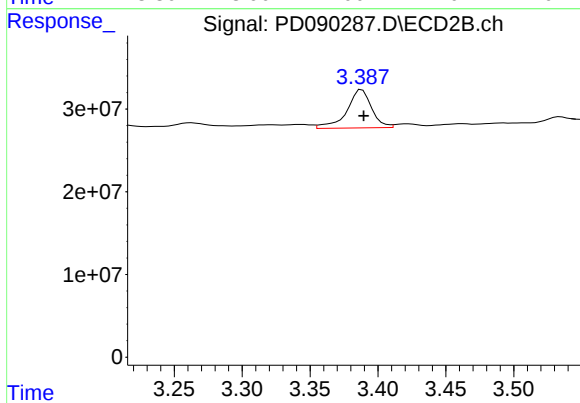
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 503002877
Conc: 22.81 ng/ml



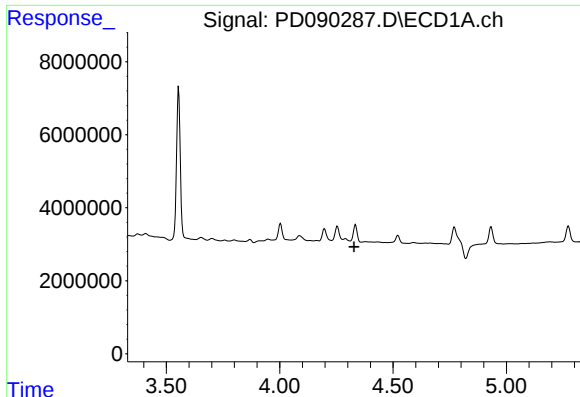
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.006 min
Response: 6303915
Conc: 1.05 ng/ml



#2 alpha-BHC

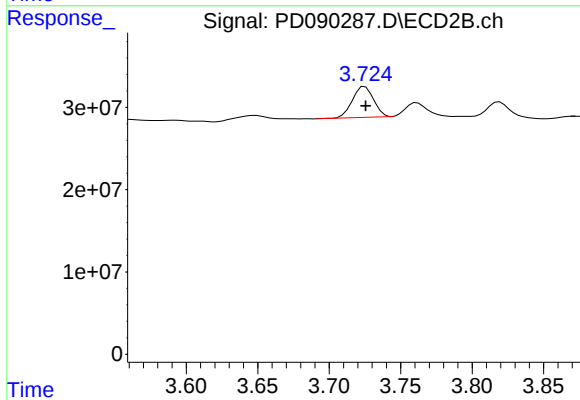
R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 58808110
Conc: 1.73 ng/ml



#3 gamma-BHC (Lindane)

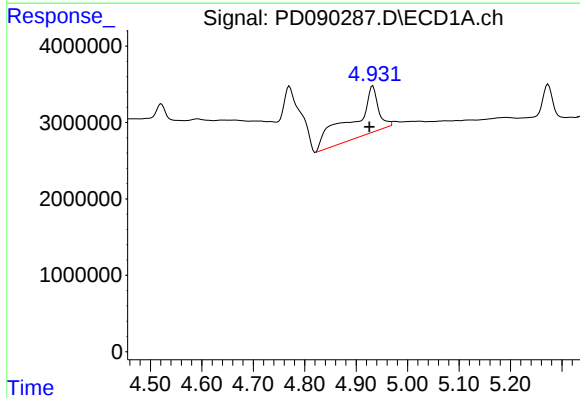
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



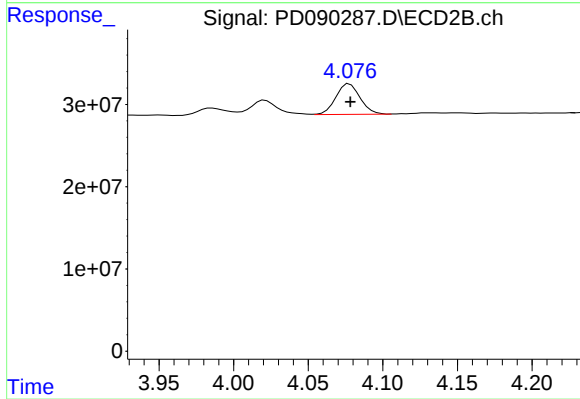
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 38714652
Conc: 1.24 ng/ml



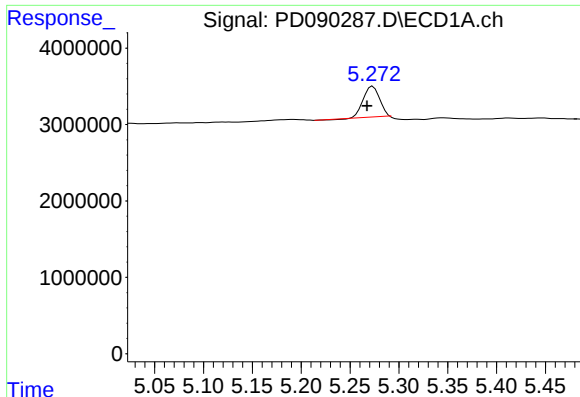
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.006 min
Response: 21666756
Conc: 3.86 ng/ml



#4 Heptachlor

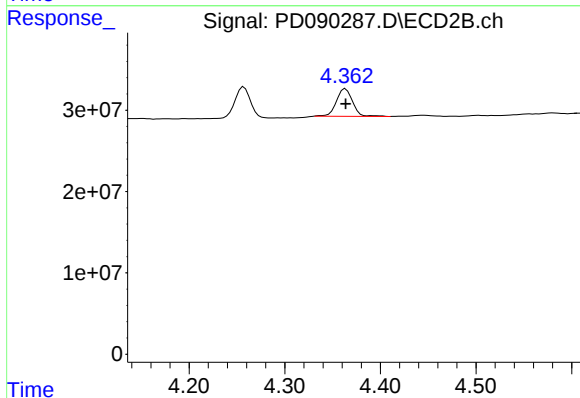
R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 41910322
Conc: 1.34 ng/ml



#5 Aldrin

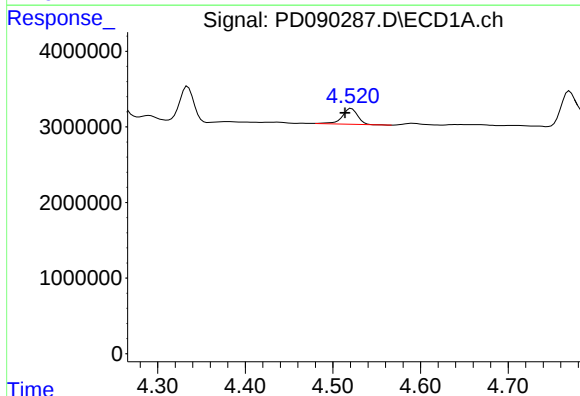
R.T.: 5.273 min
Delta R.T.: 0.006 min
Response: 4635320
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



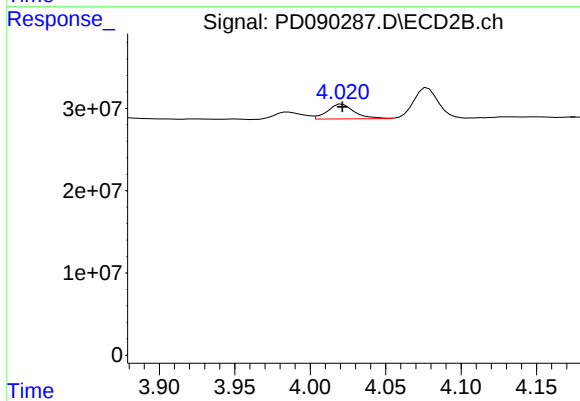
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 39645035
Conc: 1.30 ng/ml



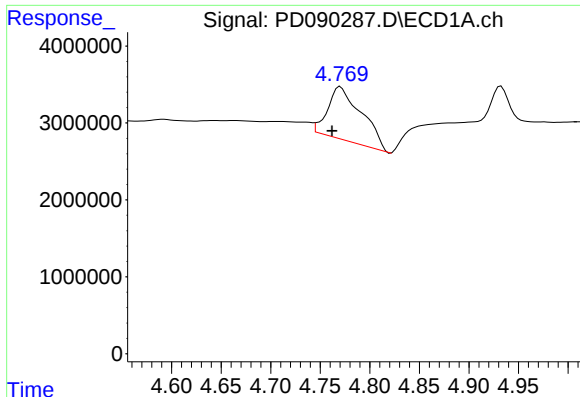
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.007 min
Response: 2588777
Conc: 1.15 ng/ml



#6 beta-BHC

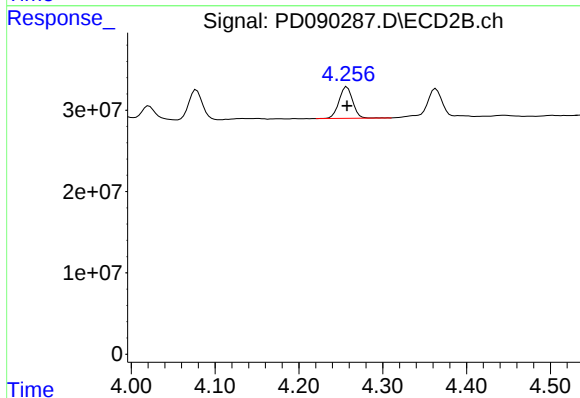
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 22267214
Conc: 1.67 ng/ml



#7 delta-BHC

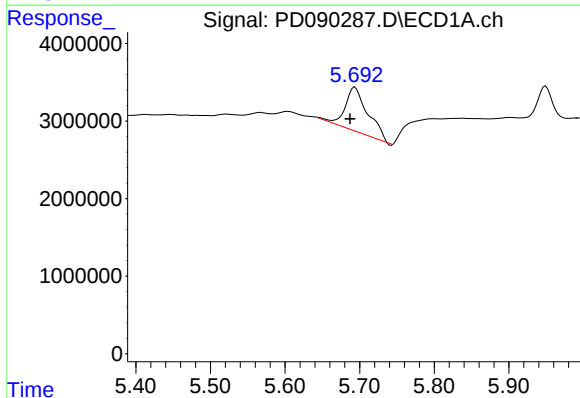
R.T.: 4.770 min
Delta R.T.: 0.008 min
Response: 16463548
Conc: 3.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



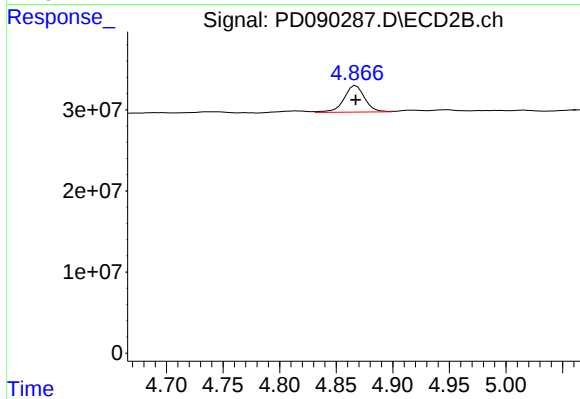
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 44062503
Conc: 1.40 ng/ml



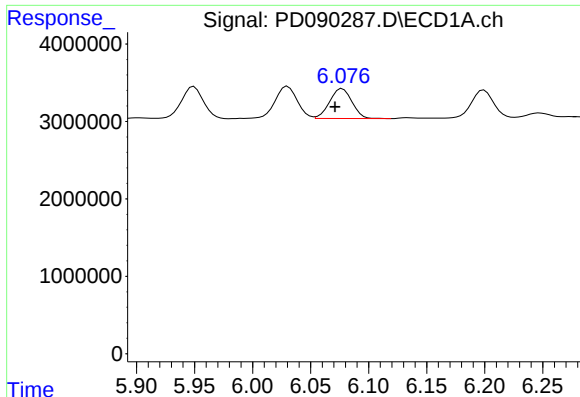
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.006 min
Response: 11597649
Conc: 2.36 ng/ml



#8 Heptachlor epoxide

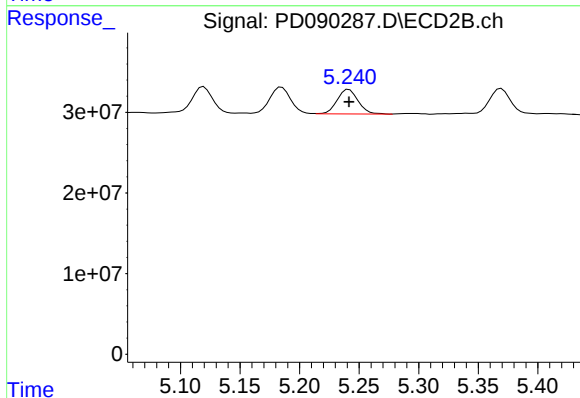
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 41603689
Conc: 1.50 ng/ml



#9 Endosulfan I

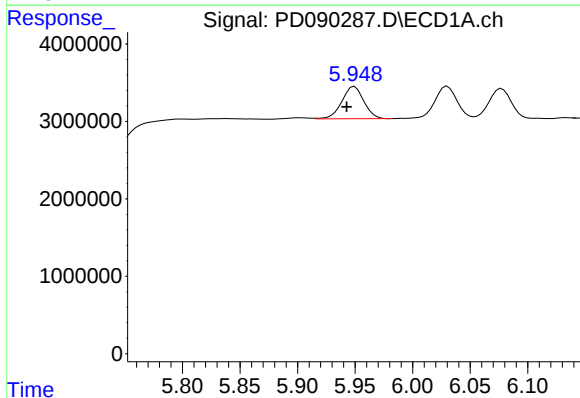
R.T.: 6.077 min
Delta R.T.: 0.006 min
Response: 5172081
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



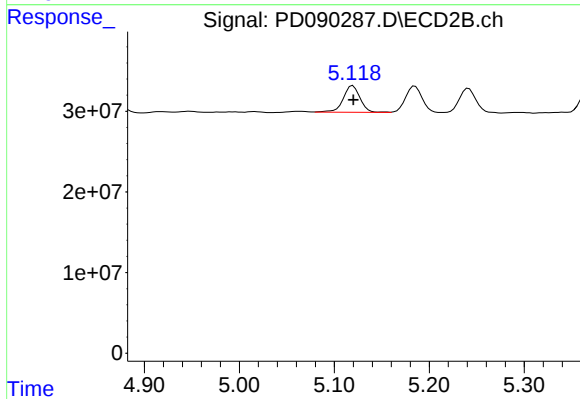
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 37127712
Conc: 1.42 ng/ml



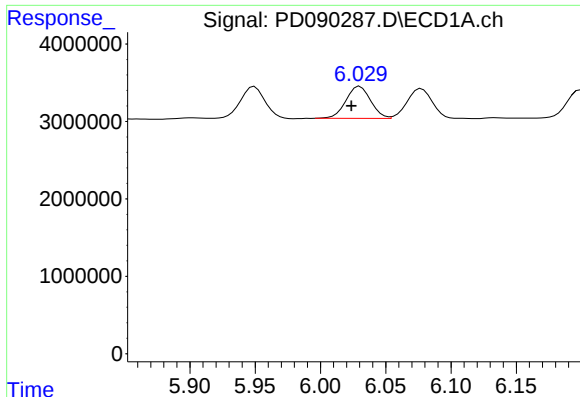
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.007 min
Response: 5570413
Conc: 1.14 ng/ml



#10 gamma-Chlordane

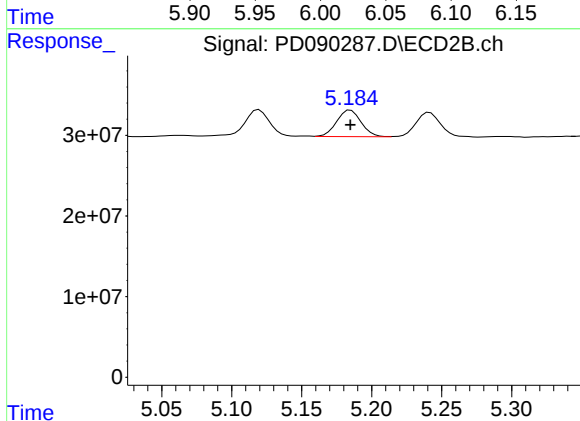
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 40888806
Conc: 1.38 ng/ml



#11 alpha-Chlordane

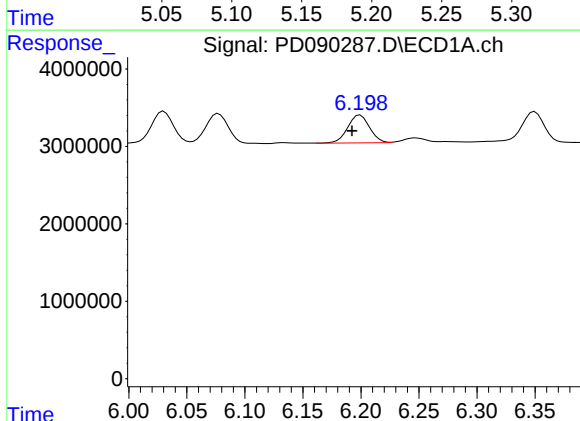
R.T.: 6.030 min
Delta R.T.: 0.007 min
Response: 5462035
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



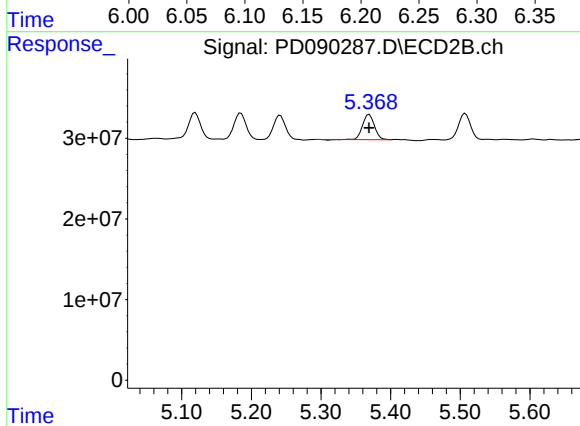
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 40035306
Conc: 1.40 ng/ml



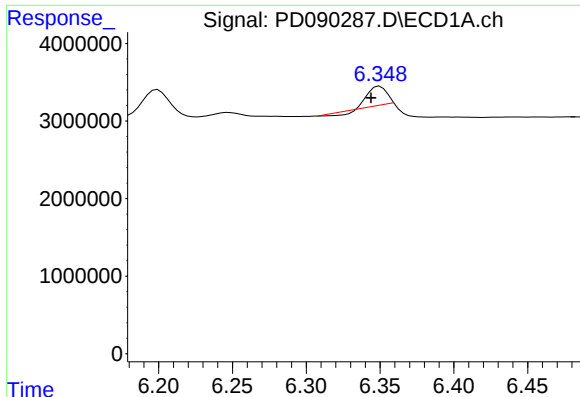
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.007 min
Response: 4684524
Conc: 1.07 ng/ml



#12 4,4'-DDE

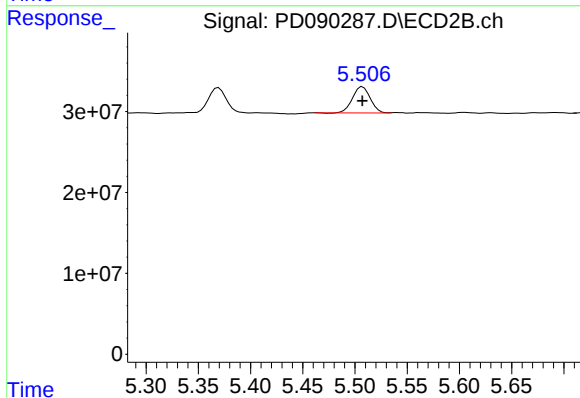
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 36598246
Conc: 1.27 ng/ml



#13 Dieldrin

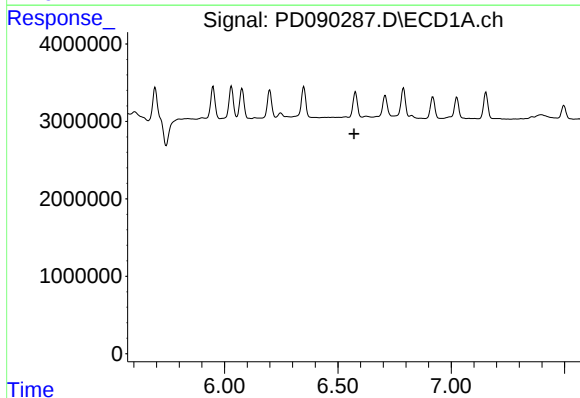
R.T.: 6.350 min
Delta R.T.: 0.006 min
Response: 2013267
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



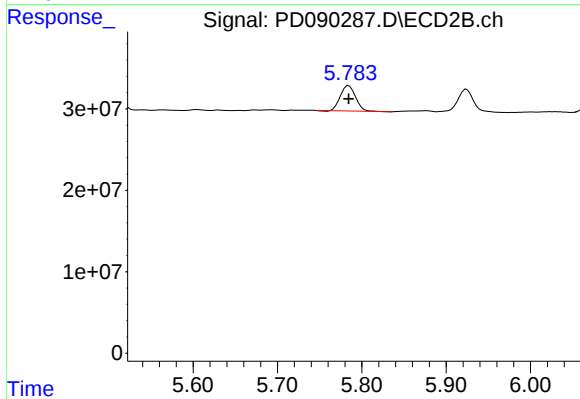
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 38254561
Conc: 1.31 ng/ml



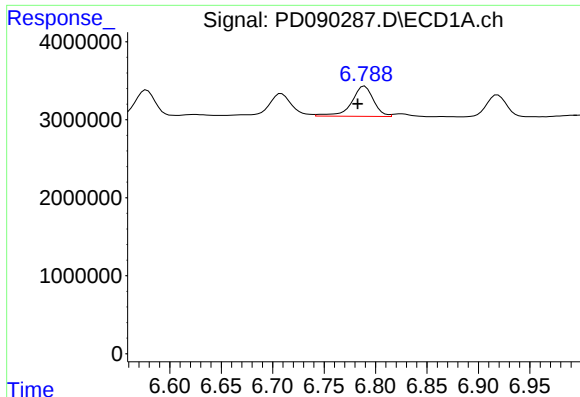
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.571 min
Response: 0
Conc: N.D.



#14 Endrin

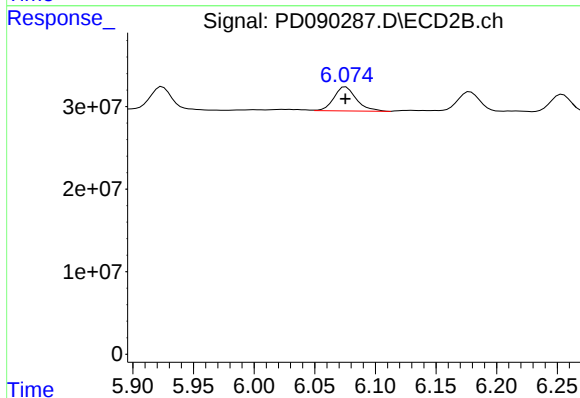
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 39247415
Conc: 1.47 ng/ml



#15 Endosulfan II

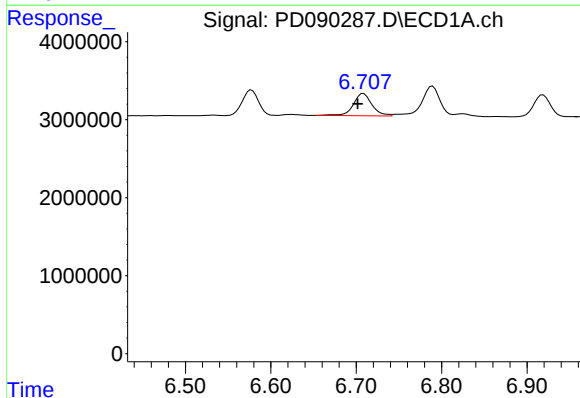
R.T.: 6.789 min
Delta R.T.: 0.007 min
Response: 5736339
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



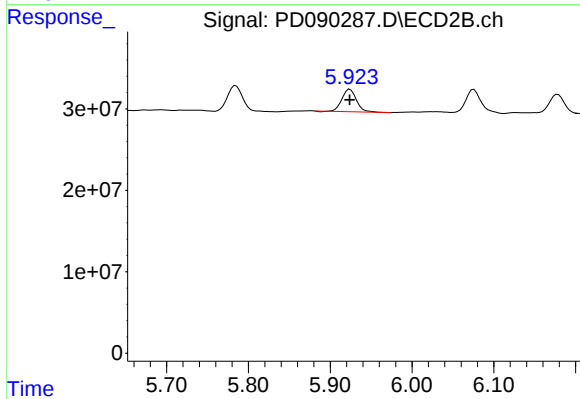
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 37267956
Conc: 1.47 ng/ml



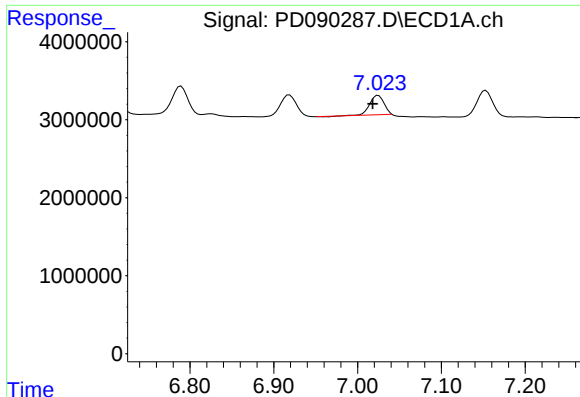
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 4323851
Conc: 1.25 ng/ml



#16 4,4'-DDD

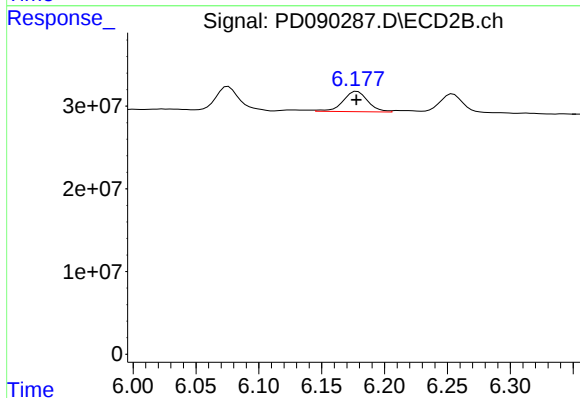
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 33555395
Conc: 1.40 ng/ml



#17 4,4'-DDT

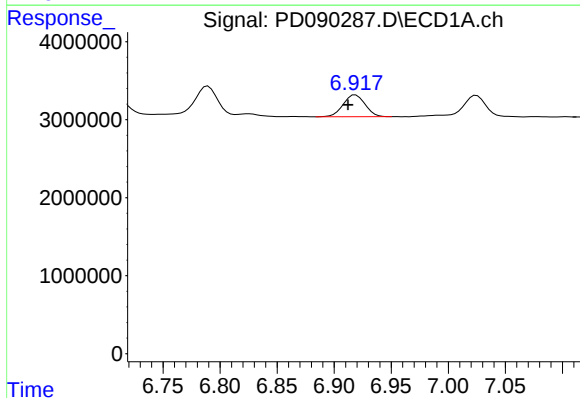
R.T.: 7.025 min
Delta R.T.: 0.007 min
Response: 2928966
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



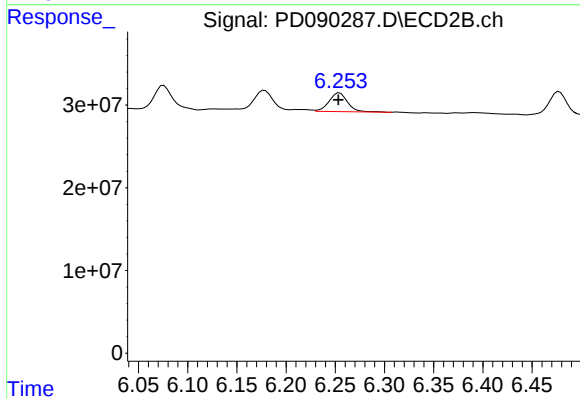
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 34031013
Conc: 1.36 ng/ml



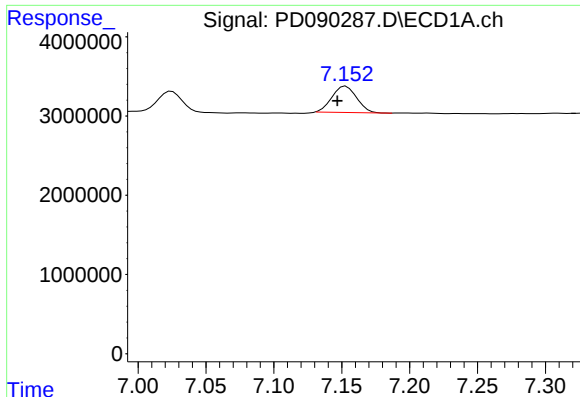
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.007 min
Response: 3740237
Conc: 1.30 ng/ml



#18 Endrin aldehyde

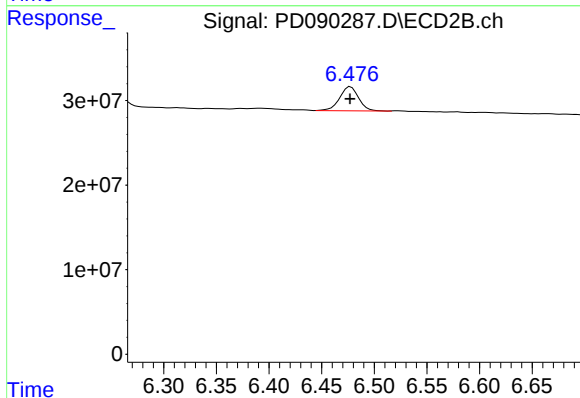
R.T.: 6.254 min
Delta R.T.: 0.001 min
Response: 29144984
Conc: 1.69 ng/ml



#19 Endosulfan Sulfate

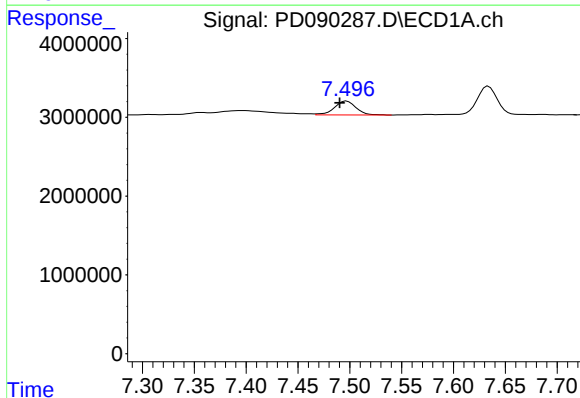
R.T.: 7.153 min
Delta R.T.: 0.006 min
Response: 4197660
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



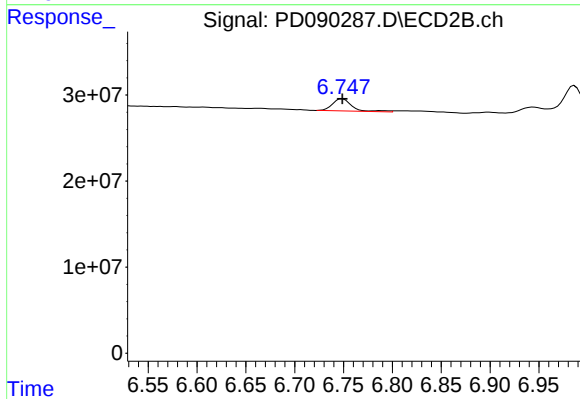
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 35392855
Conc: 1.45 ng/ml



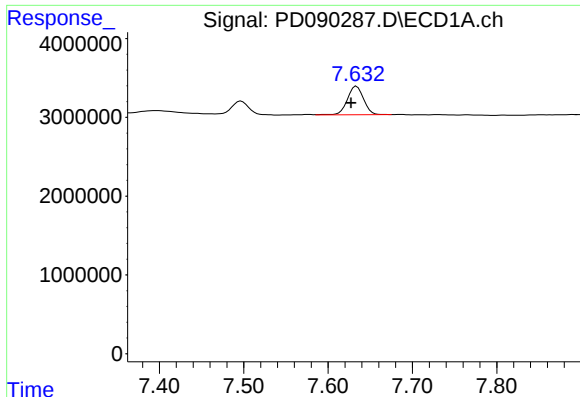
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.007 min
Response: 2576965
Conc: 1.28 ng/ml



#20 Methoxychlor

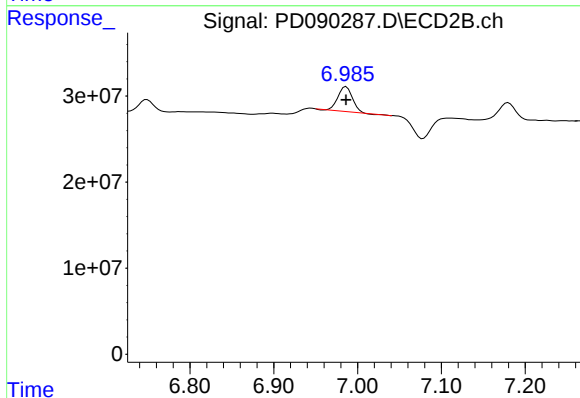
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 19584841
Conc: 1.52 ng/ml



#21 Endrin ketone

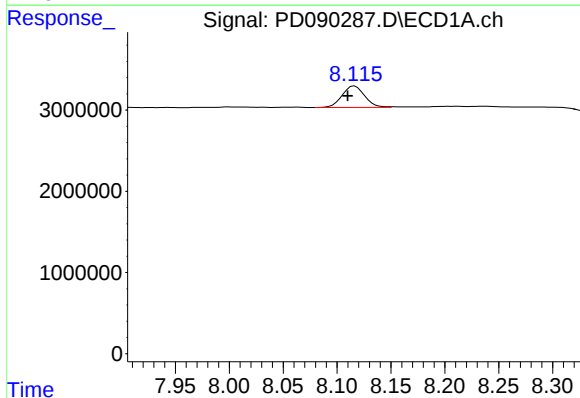
R.T.: 7.634 min
Delta R.T.: 0.007 min
Response: 4856286
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



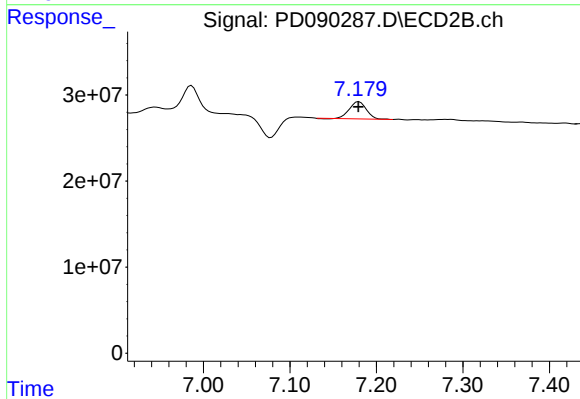
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 33049496
Conc: 1.24 ng/ml



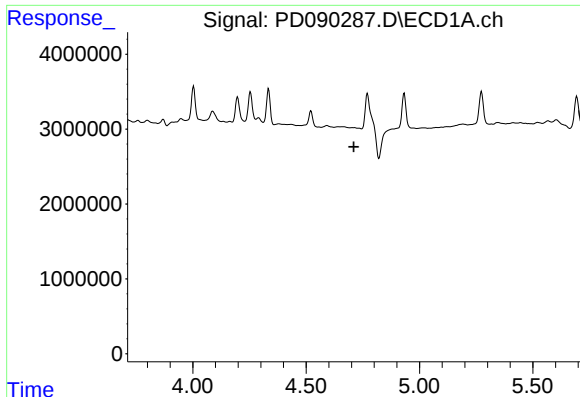
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.006 min
Response: 3862360
Conc: 1.22 ng/ml



#22 Mirex

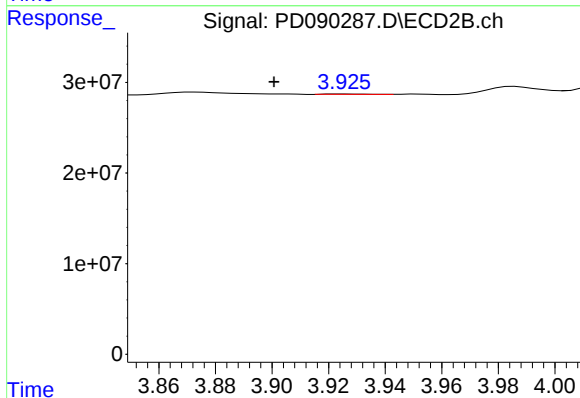
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 27210554
Conc: 1.32 ng/ml



#23 Chlordane-1

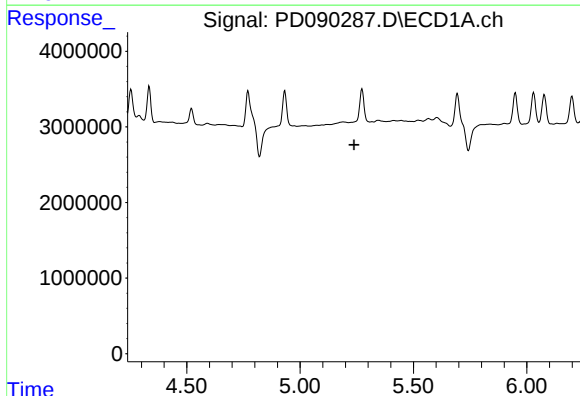
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



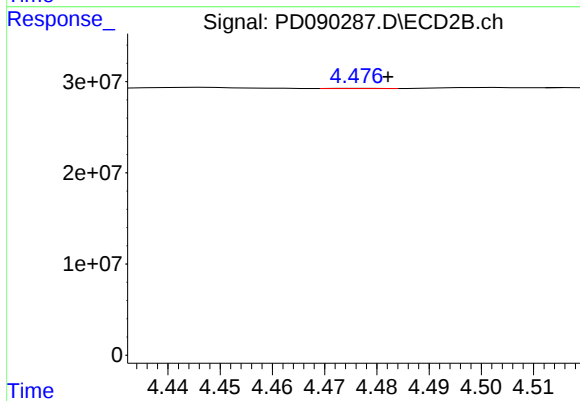
#23 Chlordane-1

R.T.: 3.926 min
Delta R.T.: 0.025 min
Response: 549494
Conc: 0.62 ng/ml



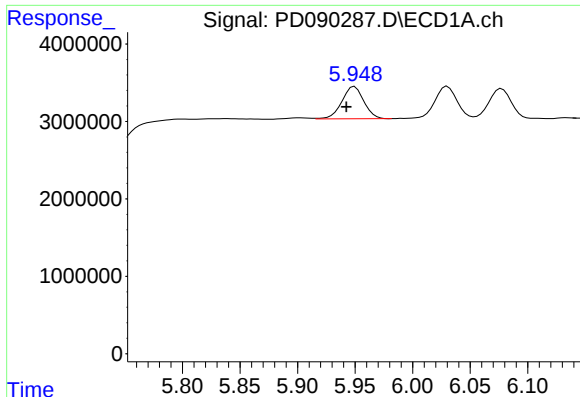
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.238 min
Response: 0
Conc: N.D.



#24 Chlordane-2

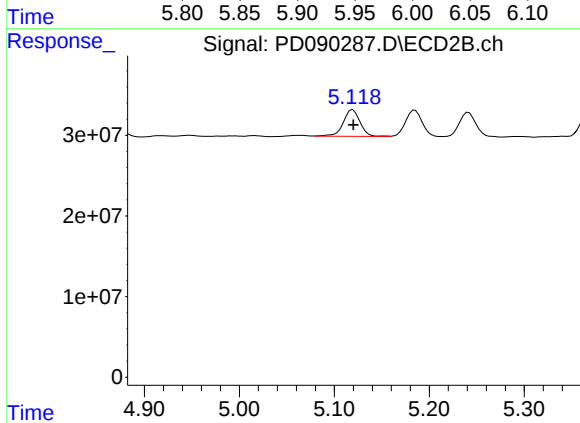
R.T.: 4.477 min
Delta R.T.: -0.005 min
Response: 87549
Conc: 0.09 ng/ml



#25 Chlordane-3

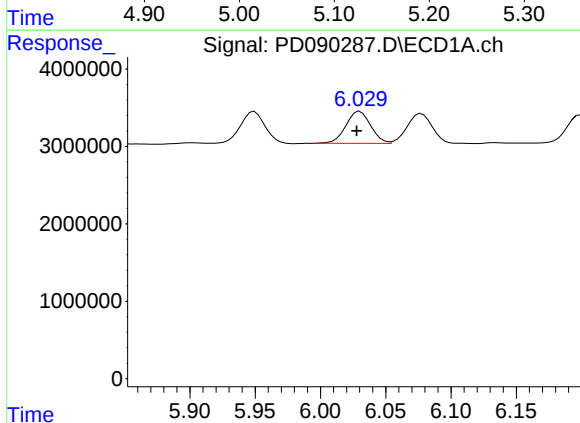
R.T.: 5.949 min
Delta R.T.: 0.007 min
Response: 5570413
Conc: 8.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



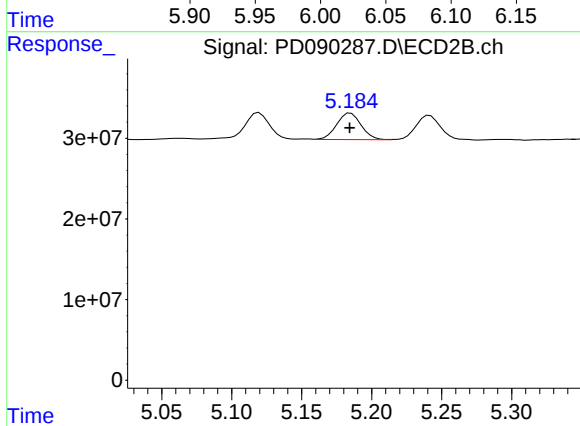
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 40888806
Conc: 14.76 ng/ml



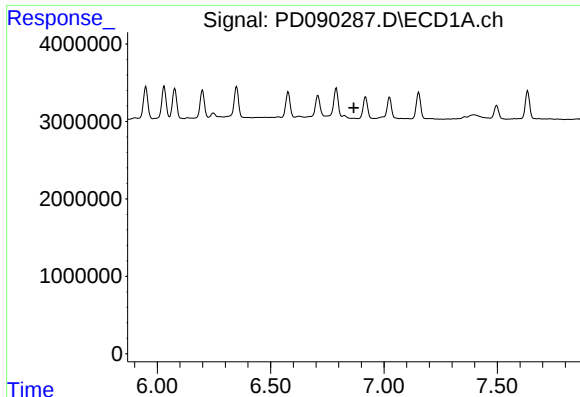
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: 0.003 min
Response: 5462035
Conc: 6.58 ng/ml



#26 Chlordane-4

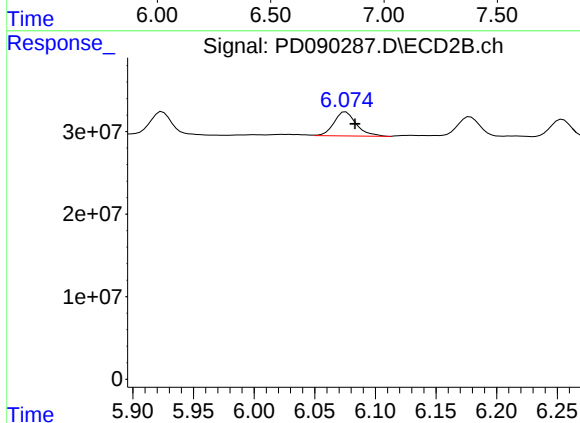
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 40035306
Conc: 16.63 ng/ml



#27 Chlordane-5

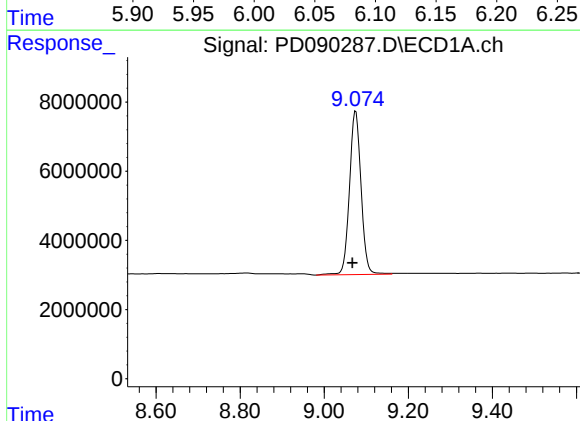
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



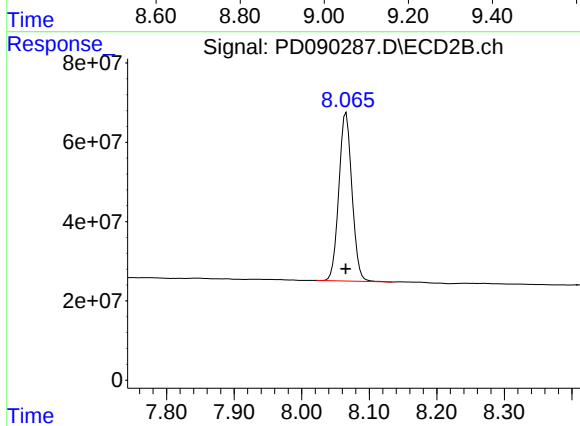
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.008 min
Response: 37267956
Conc: 33.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.008 min
Response: 90583897
Conc: 20.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 573687722
Conc: 22.16 ng/ml