

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
 Data File : PD077036.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 12:29
 Operator : AR\AJ
 Sample : 03572-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 01:39:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 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...	3.548	2.762	39207231	22356578	16.568	16.413
28)	SA Decachlor...	9.094	7.907	53865070	25571316	19.657	17.868
Target Compounds							
2)	A alpha-BHC	4.005	3.264	15352475	8059966	3.998	4.167
3)	MA gamma-BHC...	4.339	3.595	15384746	8388294	4.180	4.509
4)	MA Heptachlor	4.930	3.934	16761232	8476788	4.648	4.666
5)	MB Aldrin	5.273	4.214	16909918	8491582	4.576	4.586
6)	B beta-BHC	4.536	3.892	7582920	4023255	5.039	5.274
7)	B delta-BHC	4.784	4.122	17790610	7615887	5.100	4.280
8)	B Heptachlo...	5.700	4.717	16690490	7808311	5.041	4.669
9)	A Endosulfan I	6.088	5.087	15093922	7162354	4.966	4.591
10)	B gamma-Chl...	5.957	4.968	15575233	7634234	4.785	4.602
11)	B alpha-Chl...	6.037	5.032	15938285	7829710	4.860	4.689
12)	B 4,4'-DDE	6.210	5.220	13452908	6223417	4.535	4.292
13)	MA Dieldrin	6.363	5.353	15620649	7597466	4.771	4.510
14)	MA Endrin	6.594	5.629	12869919	6778249	4.632	4.632
15)	B Endosulfa...	6.814	5.923	14635412	6753665	4.600	4.582
16)	A 4,4'-DDD	6.728	5.776	11330403	5104262	4.816	4.590
17)	MA 4,4'-DDT	7.044	6.028	10234880	4315475	4.209	3.882
18)	B Endrin al...	6.945	6.103	11862003	5820407	5.430	5.113
19)	B Endosulfa...	7.180	6.326	13509419	6584633	5.185	4.937
20)	A Methoxychlor	7.519	6.603	7162211	2718339	5.055	4.546
21)	B Endrin ke...	7.666	6.833	15370237	7338013	5.103	4.628
22)	Mirex	8.142	7.014	12707557	6789260	5.571	5.243

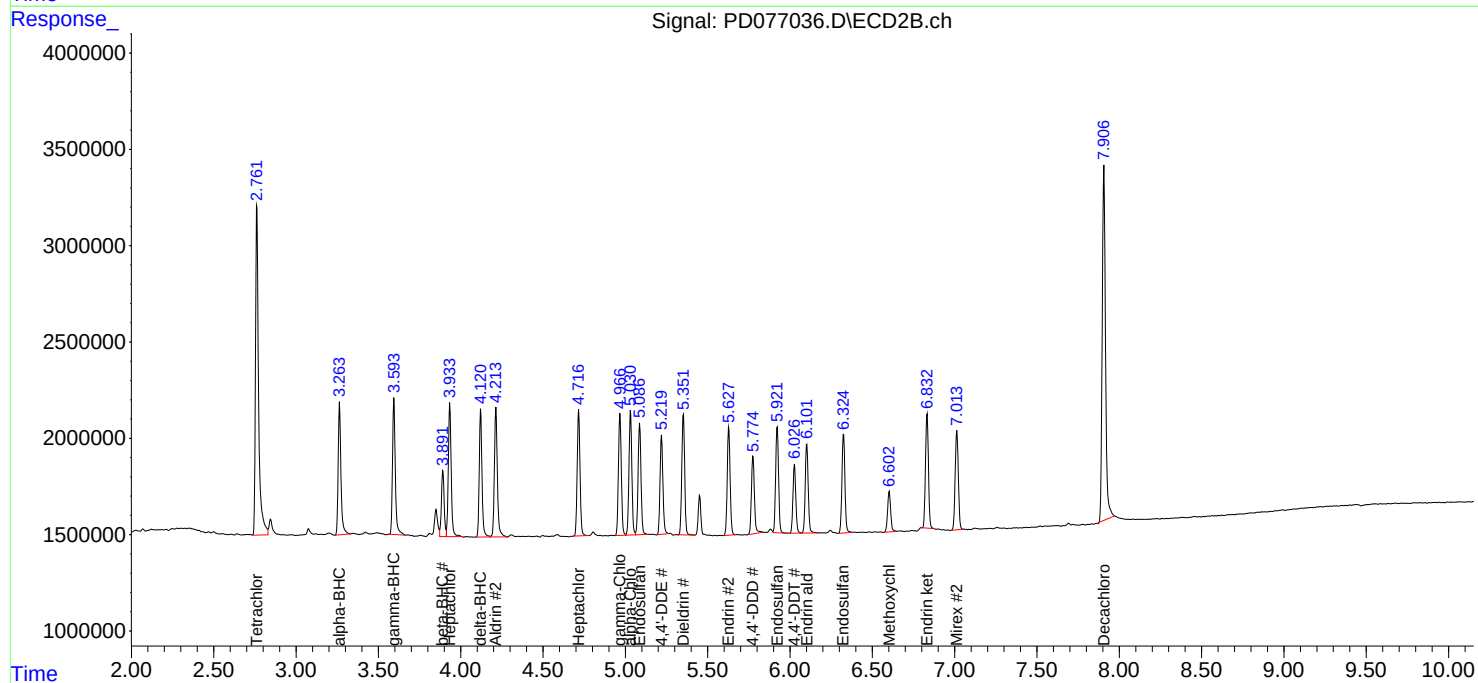
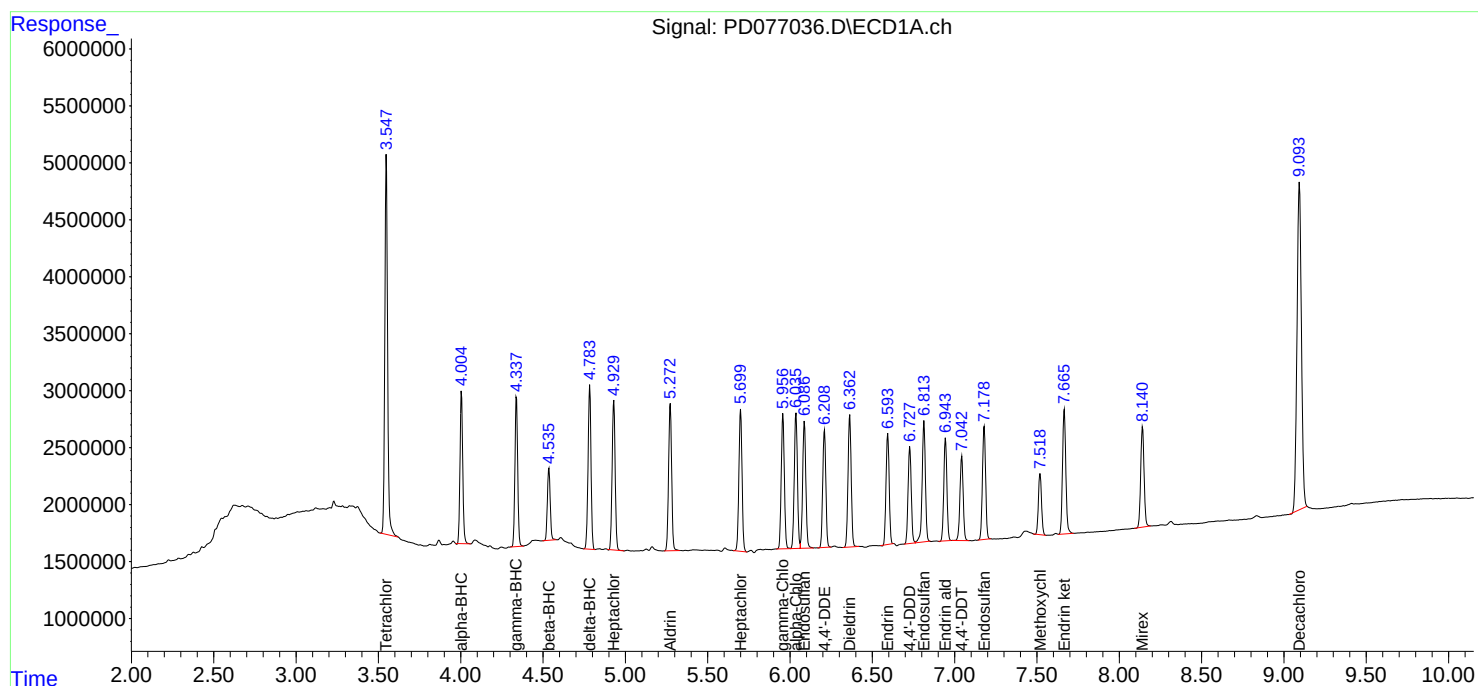
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

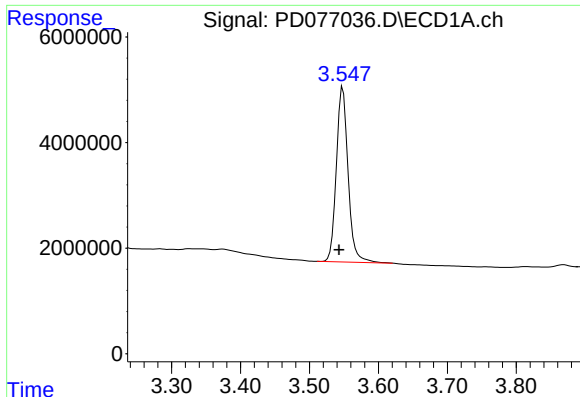
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
Data File : PD077036.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 12:29
Operator : AR\AJ
Sample : 03572-02
Misc : PEST LOQ 5PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 01:39:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

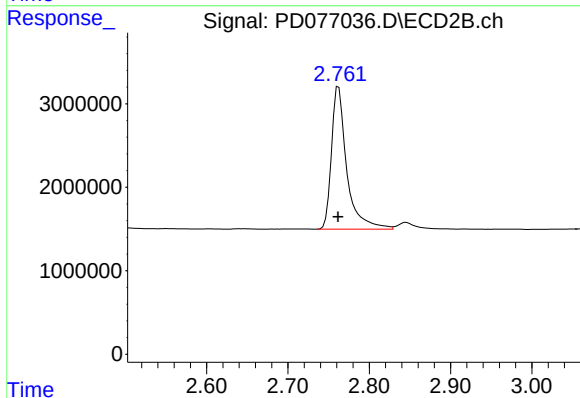




#1 Tetrachloro-m-xylene

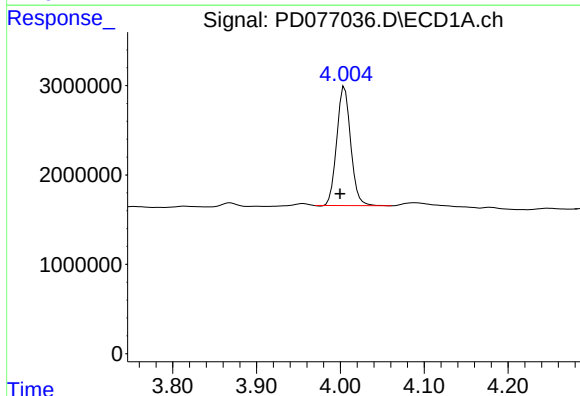
R.T.: 3.548 min
Delta R.T.: 0.005 min
Response: 39207231
Conc: 16.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



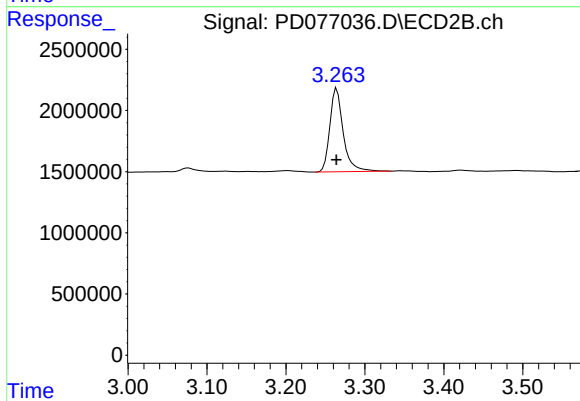
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 22356578
Conc: 16.41 ng/ml



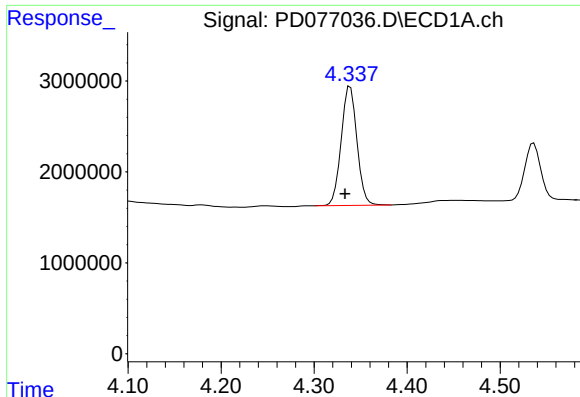
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.005 min
Response: 15352475
Conc: 4.00 ng/ml



#2 alpha-BHC

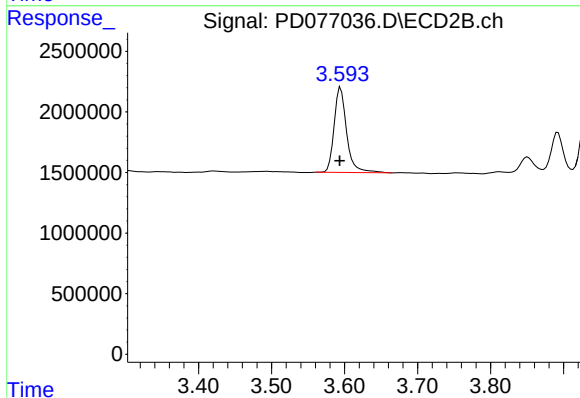
R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 8059966
Conc: 4.17 ng/ml



#3 gamma-BHC (Lindane)

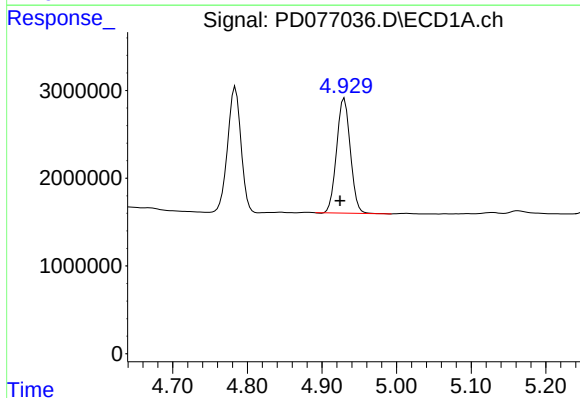
R.T.: 4.339 min
Delta R.T.: 0.006 min
Response: 15384746
Conc: 4.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



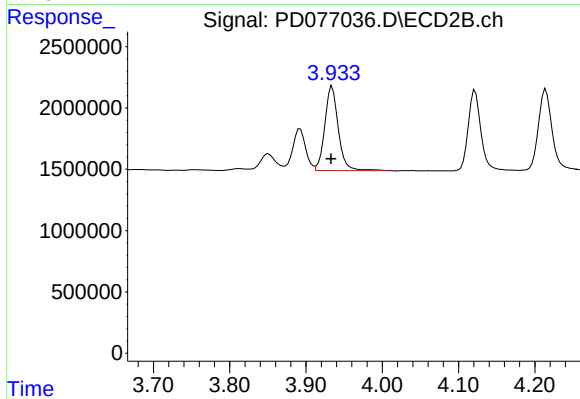
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.001 min
Response: 8388294
Conc: 4.51 ng/ml



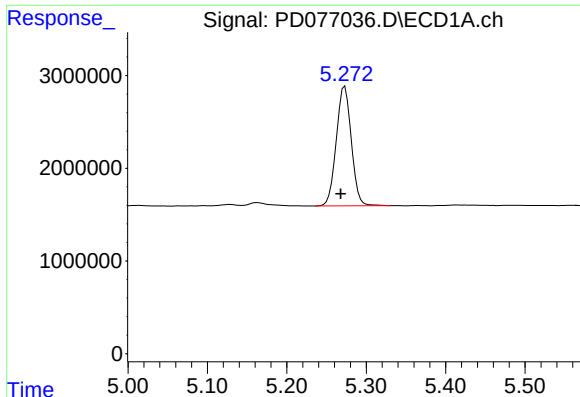
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.006 min
Response: 16761232
Conc: 4.65 ng/ml



#4 Heptachlor

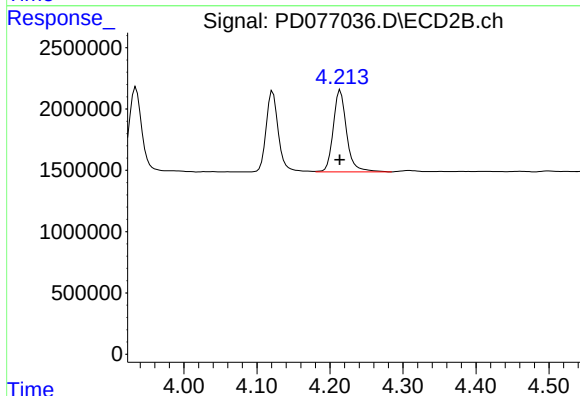
R.T.: 3.934 min
Delta R.T.: 0.001 min
Response: 8476788
Conc: 4.67 ng/ml



#5 Aldrin

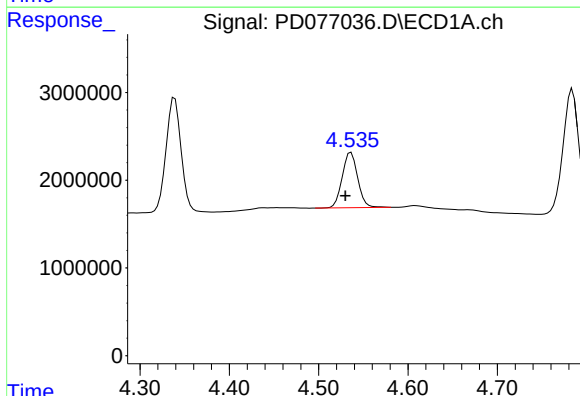
R.T.: 5.273 min
Delta R.T.: 0.005 min
Response: 16909918
Conc: 4.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



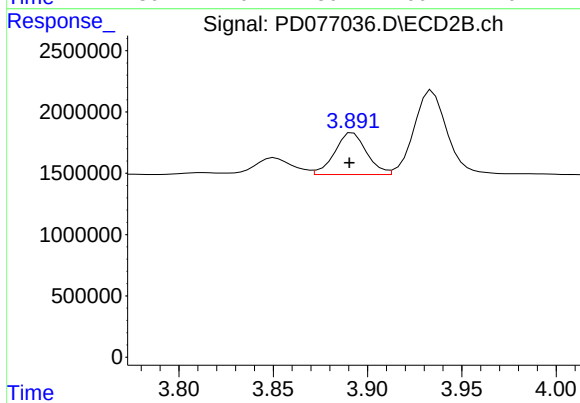
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: 0.001 min
Response: 8491582
Conc: 4.59 ng/ml



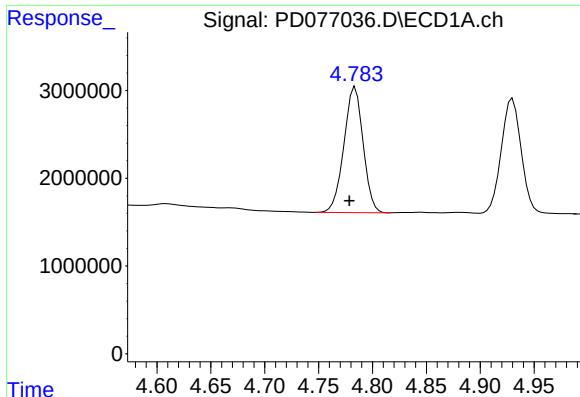
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.006 min
Response: 7582920
Conc: 5.04 ng/ml



#6 beta-BHC

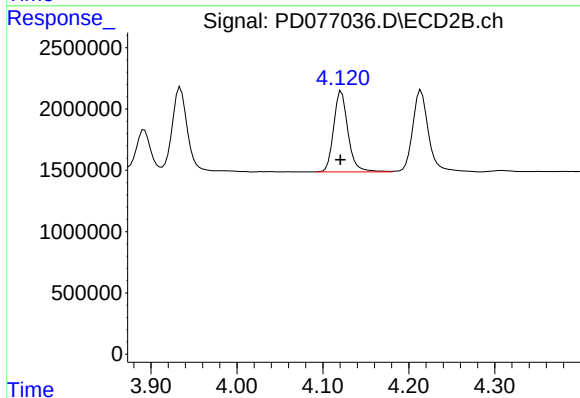
R.T.: 3.892 min
Delta R.T.: 0.002 min
Response: 4023255
Conc: 5.27 ng/ml



#7 delta-BHC

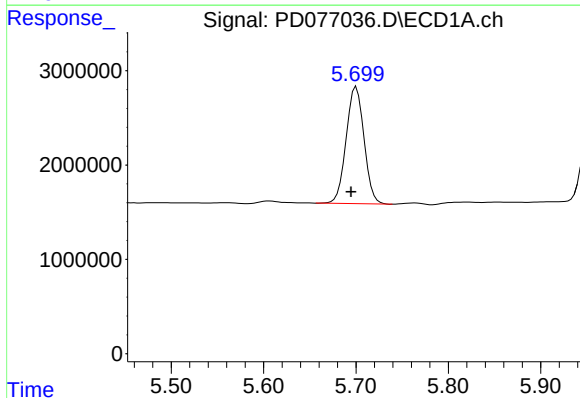
R.T.: 4.784 min
Delta R.T.: 0.005 min
Response: 17790610
Conc: 5.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



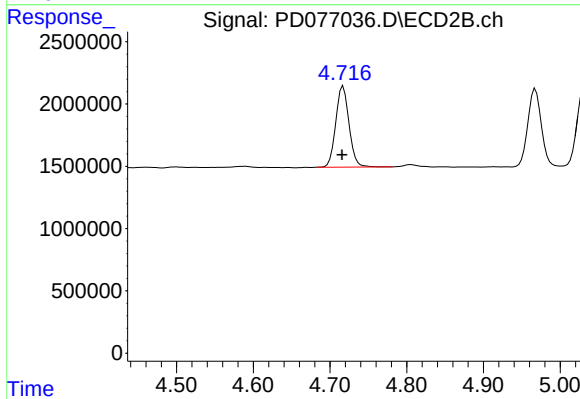
#7 delta-BHC

R.T.: 4.122 min
Delta R.T.: 0.001 min
Response: 7615887
Conc: 4.28 ng/ml



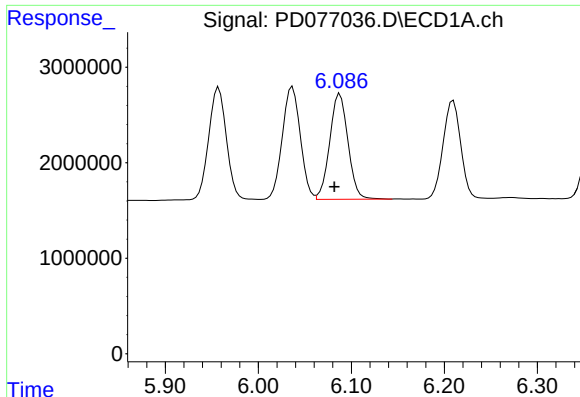
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.006 min
Response: 16690490
Conc: 5.04 ng/ml



#8 Heptachlor epoxide

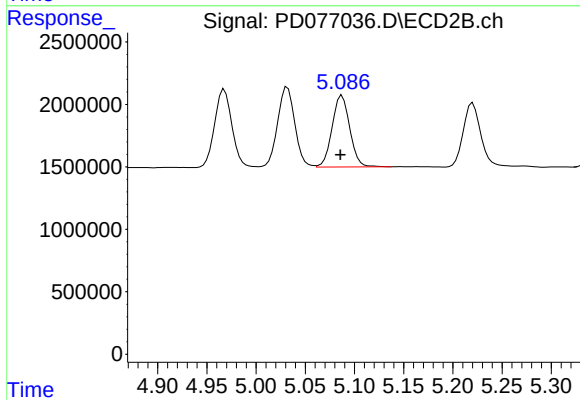
R.T.: 4.717 min
Delta R.T.: 0.002 min
Response: 7808311
Conc: 4.67 ng/ml



#9 Endosulfan I

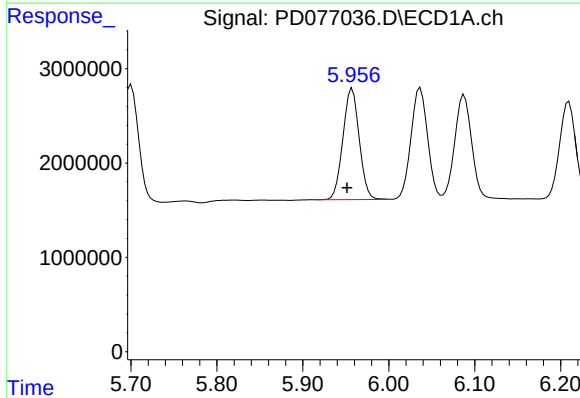
R.T.: 6.088 min
Delta R.T.: 0.006 min
Response: 15093922
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



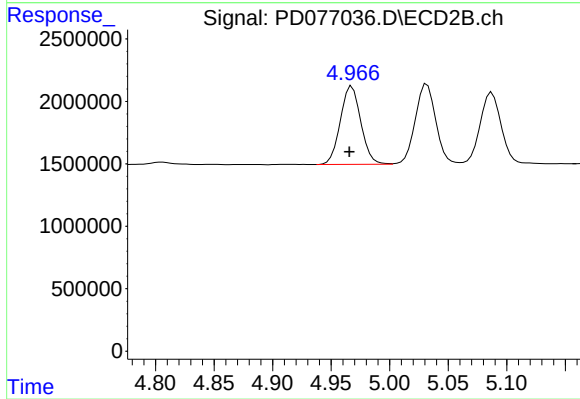
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: 0.002 min
Response: 7162354
Conc: 4.59 ng/ml



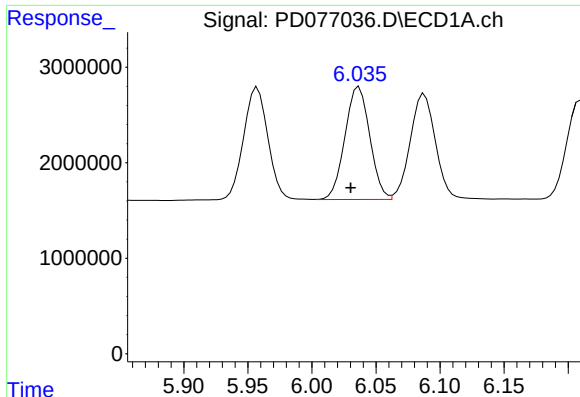
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.006 min
Response: 15575233
Conc: 4.79 ng/ml



#10 gamma-Chlordane

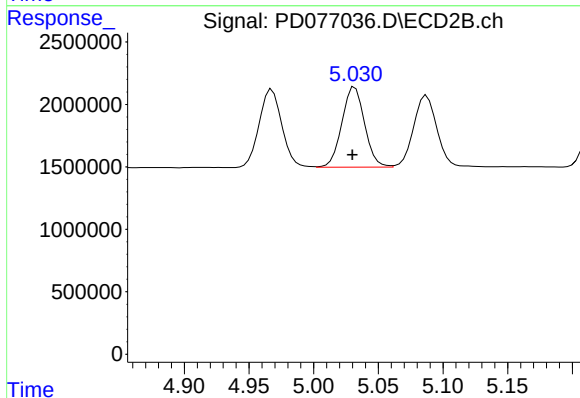
R.T.: 4.968 min
Delta R.T.: 0.002 min
Response: 7634234
Conc: 4.60 ng/ml



#11 alpha-Chlordane

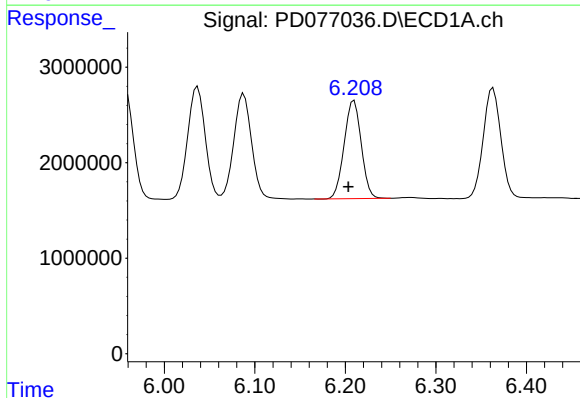
R.T.: 6.037 min
Delta R.T.: 0.006 min
Response: 15938285
Conc: 4.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



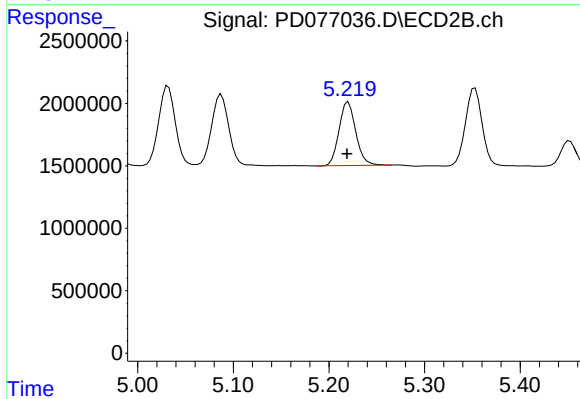
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.002 min
Response: 7829710
Conc: 4.69 ng/ml



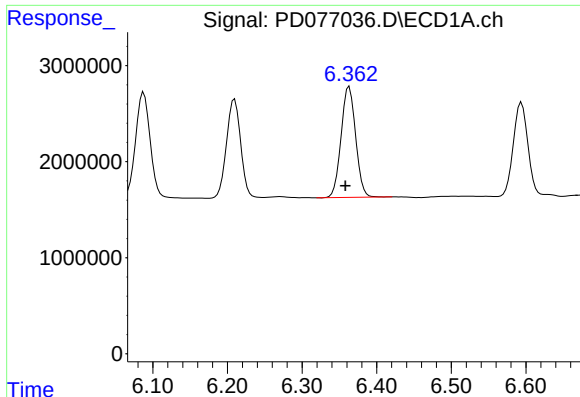
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.006 min
Response: 13452908
Conc: 4.53 ng/ml



#12 4,4'-DDE

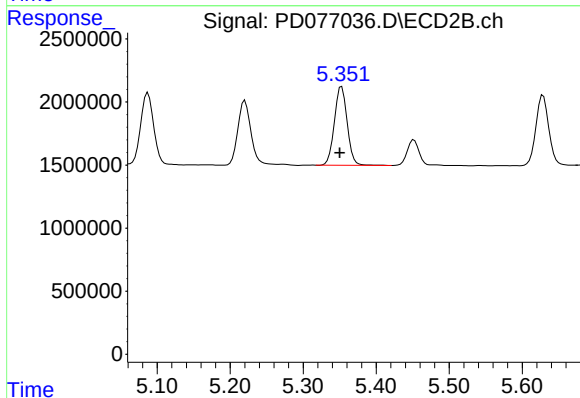
R.T.: 5.220 min
Delta R.T.: 0.001 min
Response: 6223417
Conc: 4.29 ng/ml



#13 Dieldrin

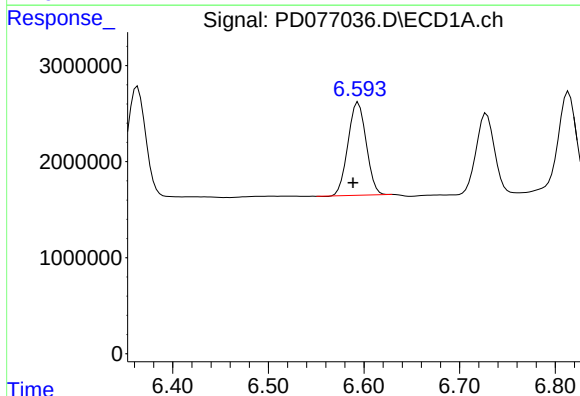
R.T.: 6.363 min
Delta R.T.: 0.005 min
Response: 15620649
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



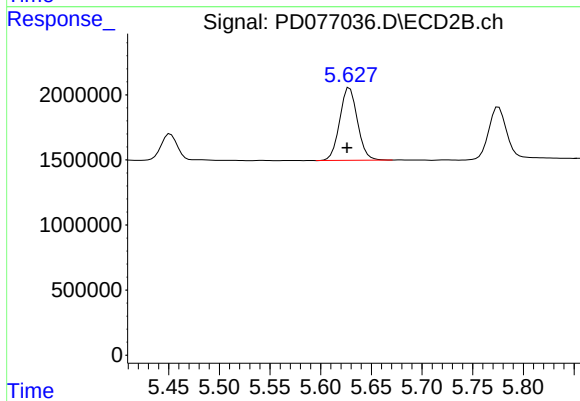
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.002 min
Response: 7597466
Conc: 4.51 ng/ml



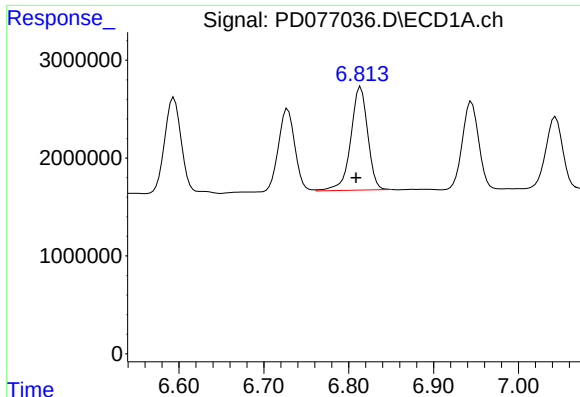
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.006 min
Response: 12869919
Conc: 4.63 ng/ml



#14 Endrin

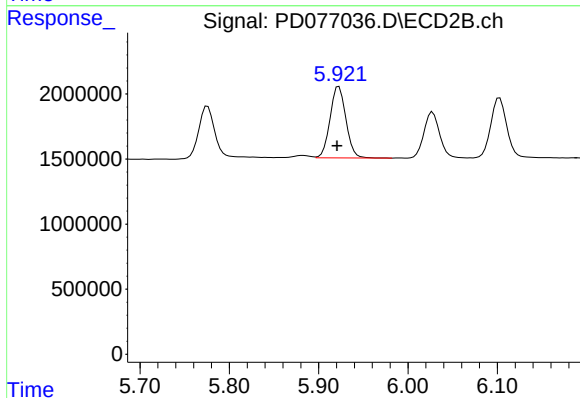
R.T.: 5.629 min
Delta R.T.: 0.003 min
Response: 6778249
Conc: 4.63 ng/ml



#15 Endosulfan II

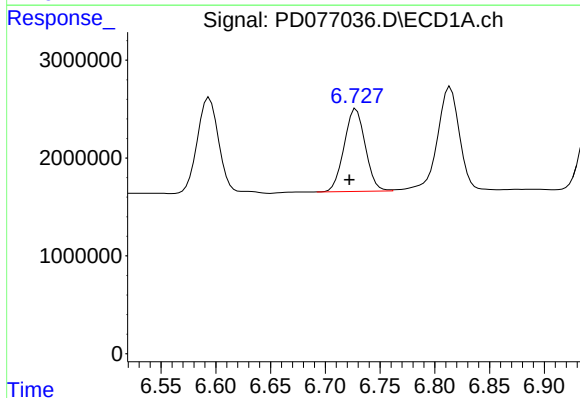
R.T.: 6.814 min
Delta R.T.: 0.006 min
Response: 14635412
Conc: 4.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



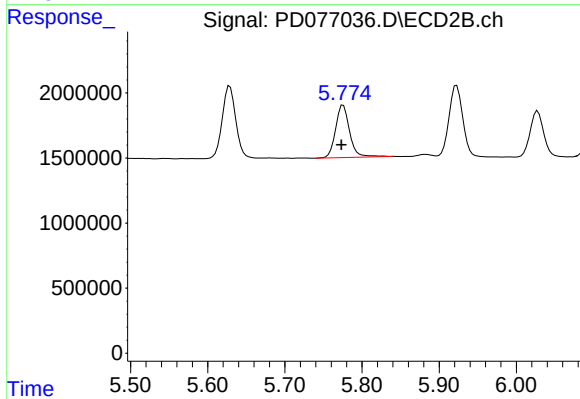
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 6753665
Conc: 4.58 ng/ml



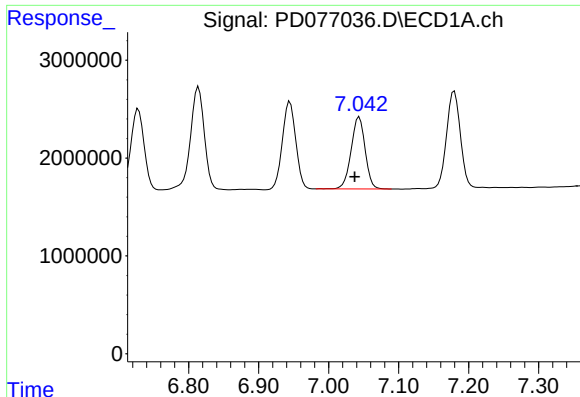
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.006 min
Response: 11330403
Conc: 4.82 ng/ml



#16 4,4'-DDD

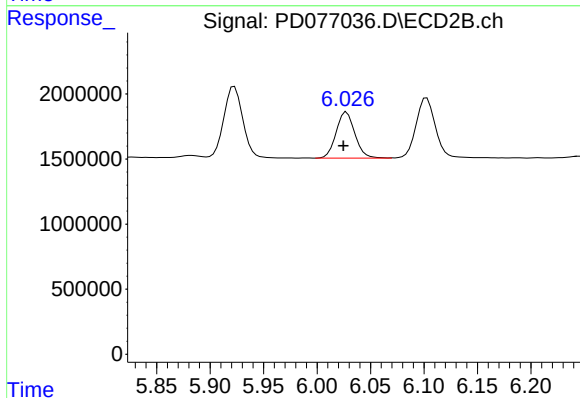
R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 5104262
Conc: 4.59 ng/ml



#17 4,4'-DDT

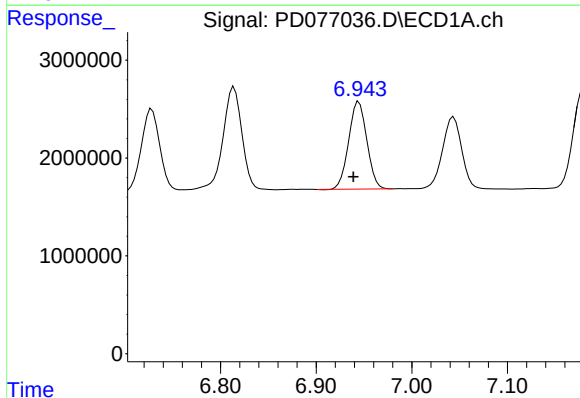
R.T.: 7.044 min
Delta R.T.: 0.007 min
Response: 10234880
Conc: 4.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



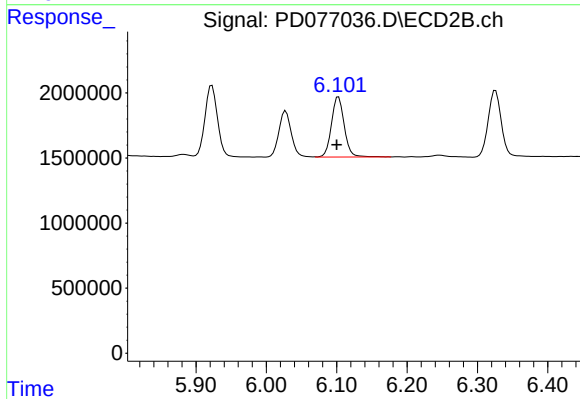
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.003 min
Response: 4315475
Conc: 3.88 ng/ml



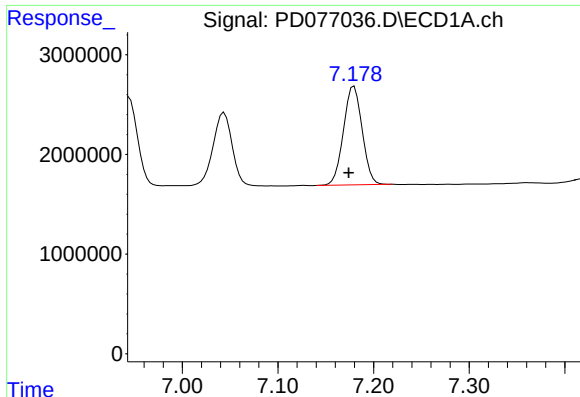
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.006 min
Response: 11862003
Conc: 5.43 ng/ml



#18 Endrin aldehyde

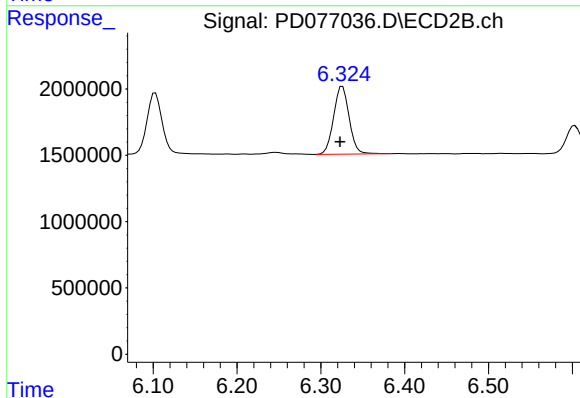
R.T.: 6.103 min
Delta R.T.: 0.003 min
Response: 5820407
Conc: 5.11 ng/ml



#19 Endosulfan Sulfate

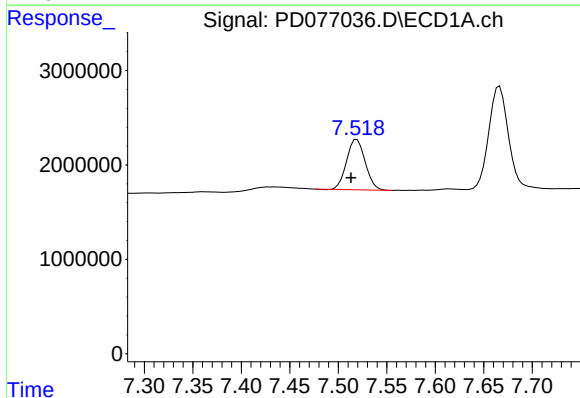
R.T.: 7.180 min
Delta R.T.: 0.006 min
Response: 13509419
Conc: 5.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



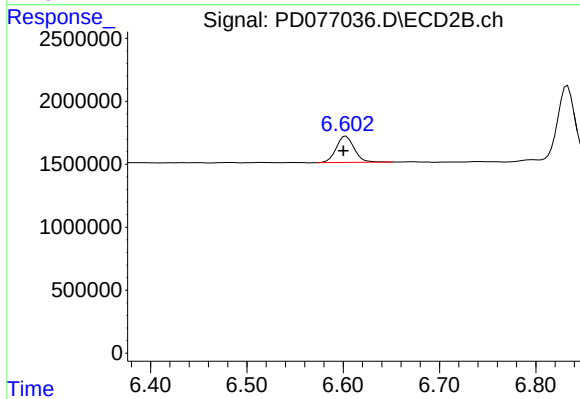
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 6584633
Conc: 4.94 ng/ml



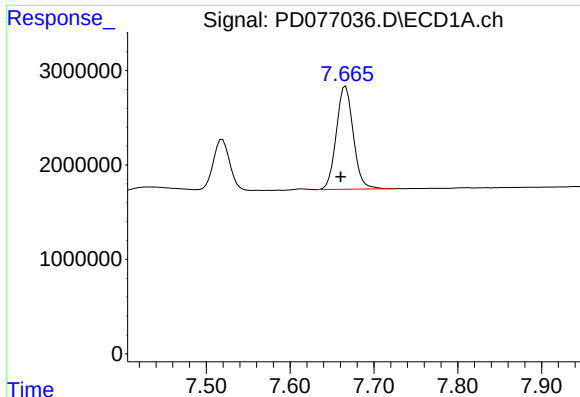
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: 0.006 min
Response: 7162211
Conc: 5.05 ng/ml



#20 Methoxychlor

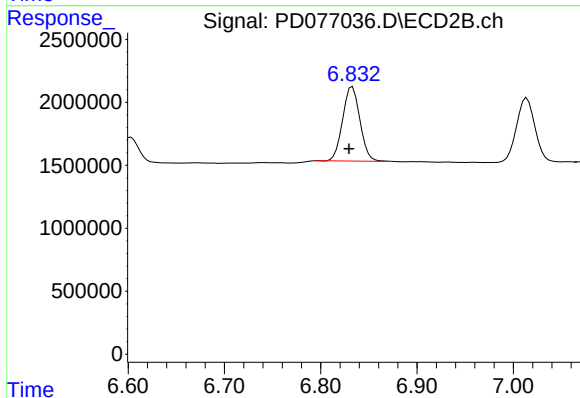
R.T.: 6.603 min
Delta R.T.: 0.003 min
Response: 2718339
Conc: 4.55 ng/ml



#21 Endrin ketone

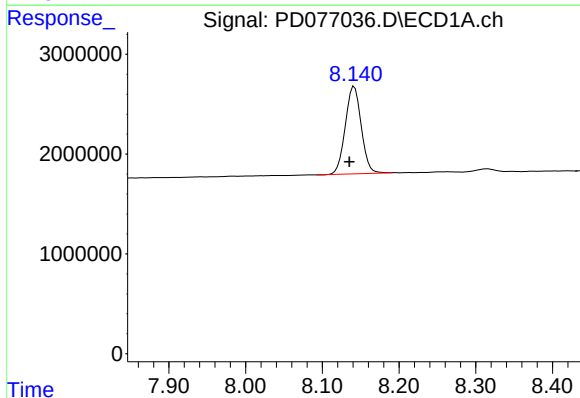
R.T.: 7.666 min
Delta R.T.: 0.006 min
Response: 15370237
Conc: 5.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



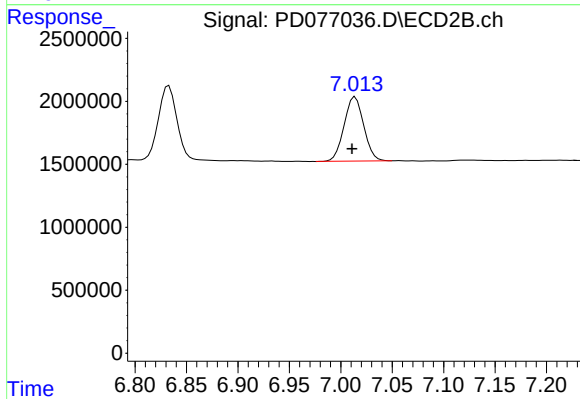
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.003 min
Response: 7338013
Conc: 4.63 ng/ml



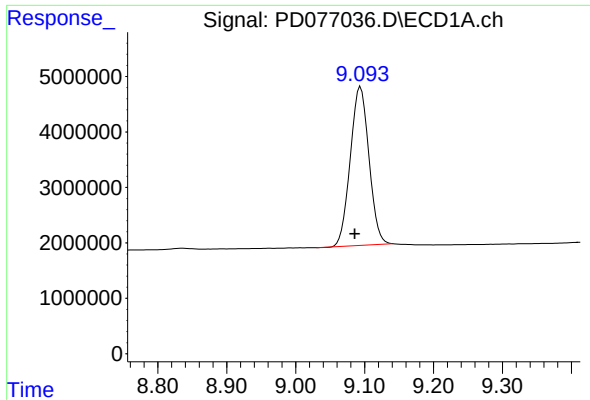
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.006 min
Response: 12707557
Conc: 5.57 ng/ml



#22 Mirex

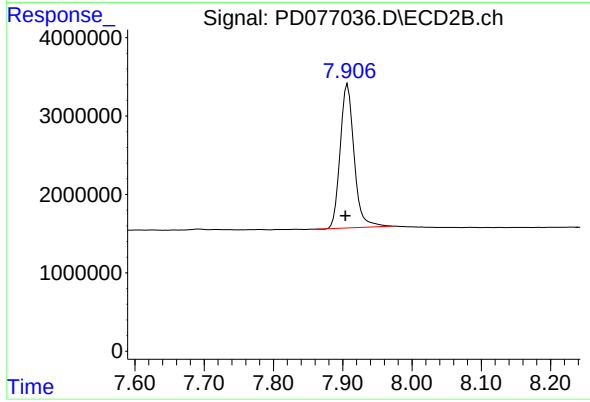
R.T.: 7.014 min
Delta R.T.: 0.003 min
Response: 6789260
Conc: 5.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.008 min
Response: 53865070
Conc: 19.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2023



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 25571316
Conc: 17.87 ng/ml