

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
 Data File : PD077034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 11:58
 Operator : AR\AJ
 Sample : 03572-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:35:31 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...	3.543	2.762	41326635	23278599	17.463	17.090
28)	SA Decachlor...	9.090	7.906	54328689	26842715	19.827	18.757
Target Compounds							
2)	A alpha-BHC	4.000	3.263	7813786	4131904	2.035	2.136
3)	MA gamma-BHC...	4.334	3.594	7858748	3978115	2.135	2.138
4)	MA Heptachlor	4.925	3.933	8657601	4130417	2.401	2.274
5)	MB Aldrin	5.268	4.213	8645769	4500057	2.339	2.430
6)	B beta-BHC	4.531	3.891	4034686	2115471	2.681	2.773
7)	B delta-BHC	4.778	4.120	11749598	3977500	3.368	2.235 #
8)	B Heptachlo...	5.695	4.715	9434641	3937175	2.849	2.354
9)	A Endosulfan I	6.083	5.086	8057066	3626931	2.651	2.325
10)	B gamma-Chl...	5.953	4.966	8002927	3930693	2.459	2.370
11)	B alpha-Chl...	6.032	5.030	8208039	4043248	2.503	2.421
12)	B 4,4'-DDE	6.205	5.219	6897529	3268853	2.325	2.254
13)	MA Dieldrin	6.359	5.351	8129907	3795801	2.483	2.253
14)	MA Endrin	6.590	5.627	6778947	3539292	2.440	2.419
15)	B Endosulfa...	6.810	5.921	7459235	3486794	2.344	2.365
16)	A 4,4'-DDD	6.723	5.774	5793661	2614505	2.463	2.351
17)	MA 4,4'-DDT	7.039	6.026	4809985	2070300	1.978	1.862
18)	B Endrin al...	6.940	6.101	6152001	3026933	2.816	2.659
19)	B Endosulfa...	7.175	6.324	6924095	3408721	2.658	2.556
20)	A Methoxychlor	7.515	6.601	3444027	1293631	2.431	2.163
21)	B Endrin ke...	7.662	6.831	7735129	3640377	2.568	2.296
22)	Mirex	8.137	7.012	6704337	3508382	2.939	2.710

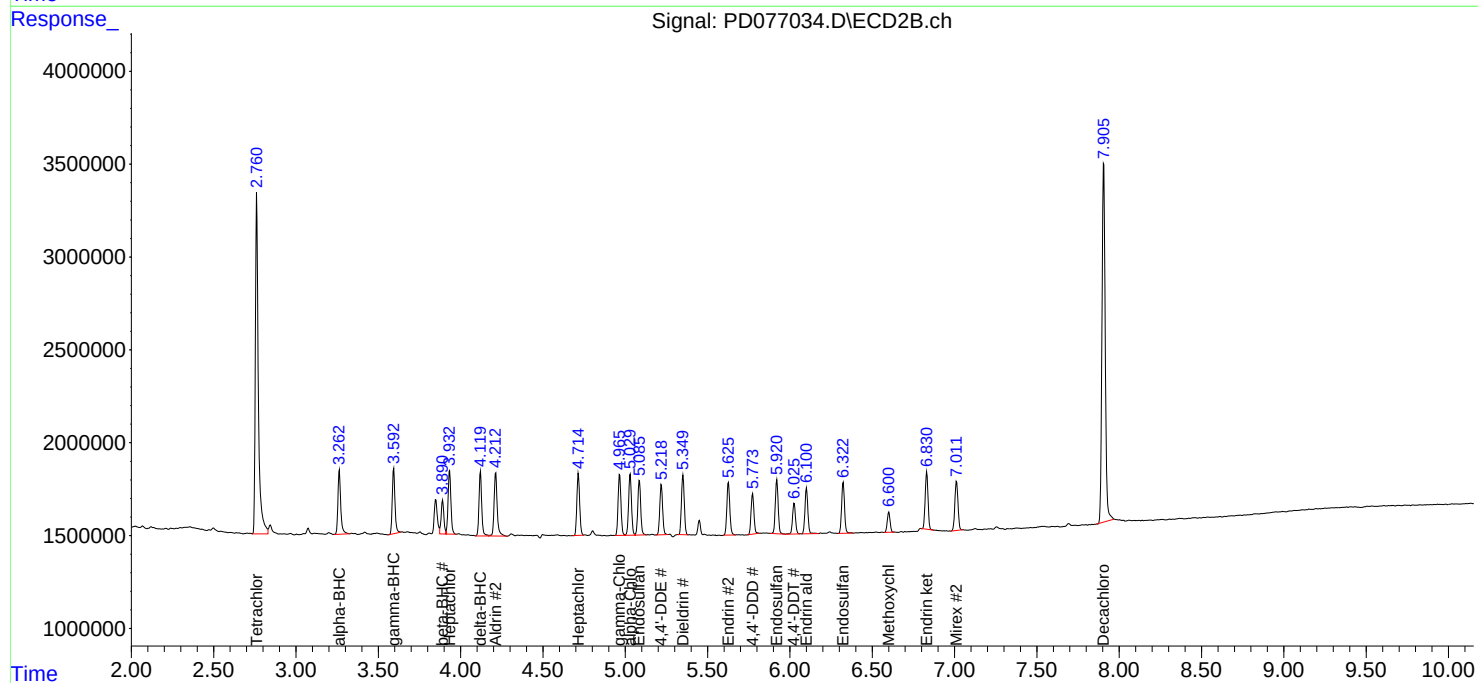
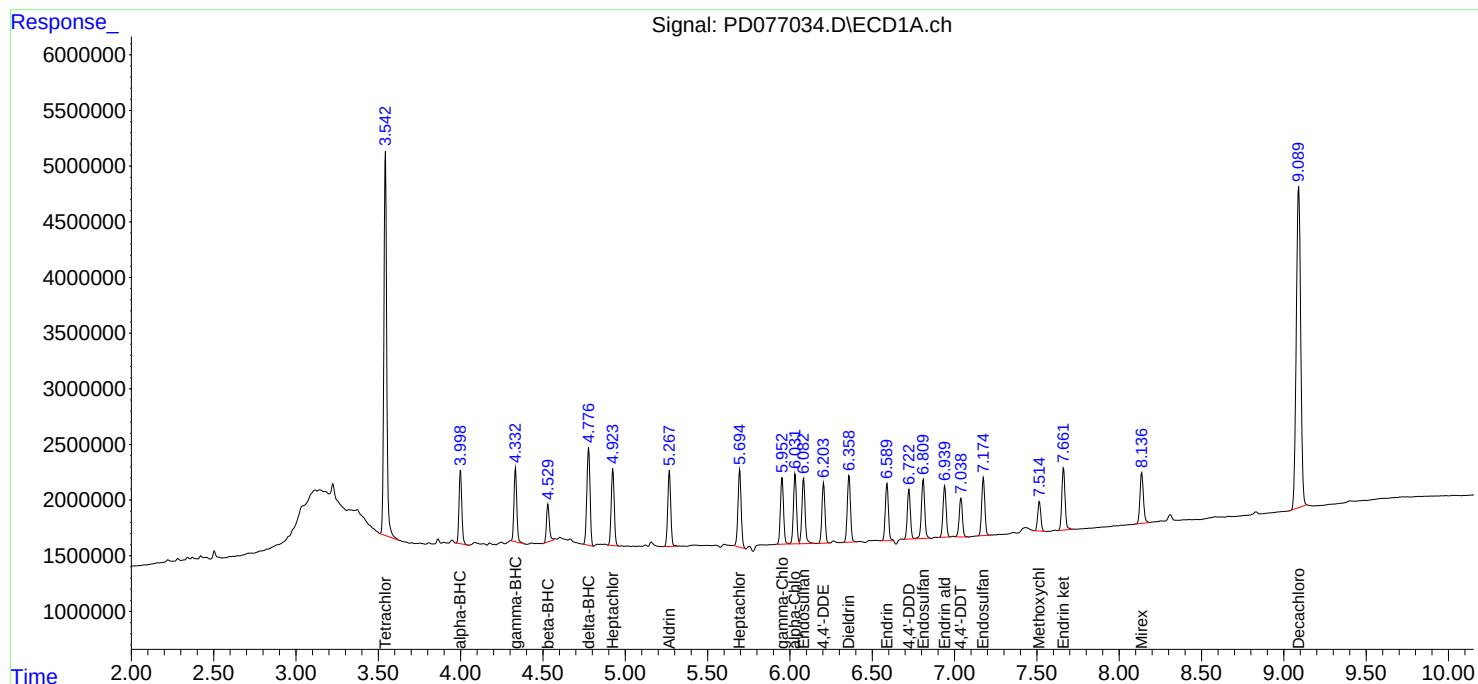
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

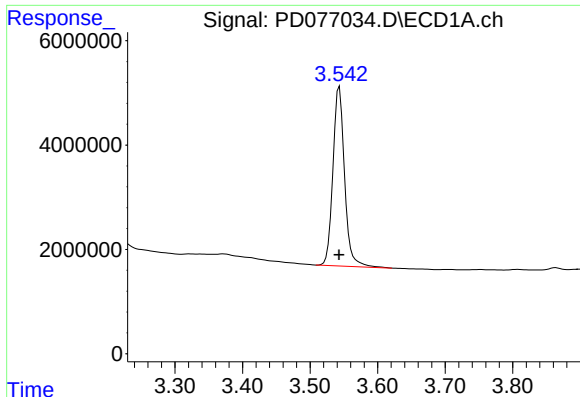
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
Data File : PD077034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 11:58
Operator : AR\AJ
Sample : 03572-01
Misc : PEST LOD 2.5PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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LOD-MDL-SOIL-01-QT3-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 21:35:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 2023
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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

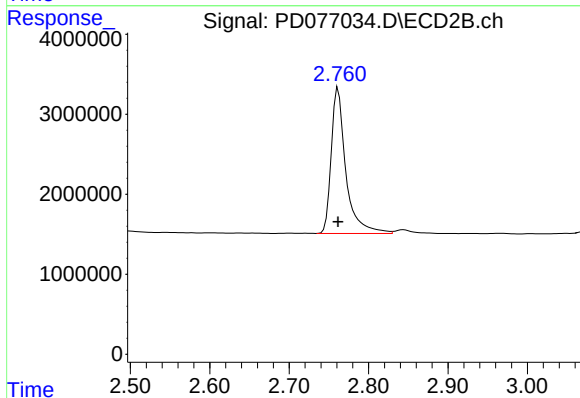




#1 Tetrachloro-m-xylene

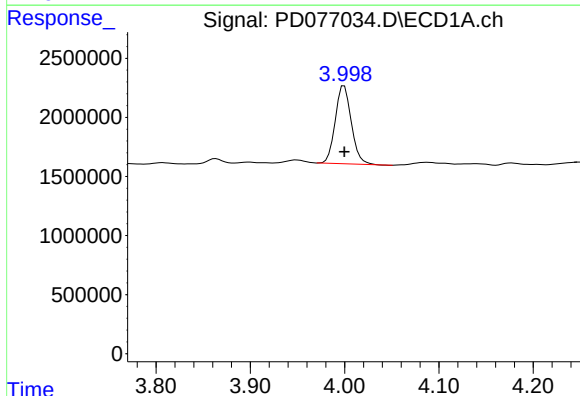
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 41326635
Conc: 17.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



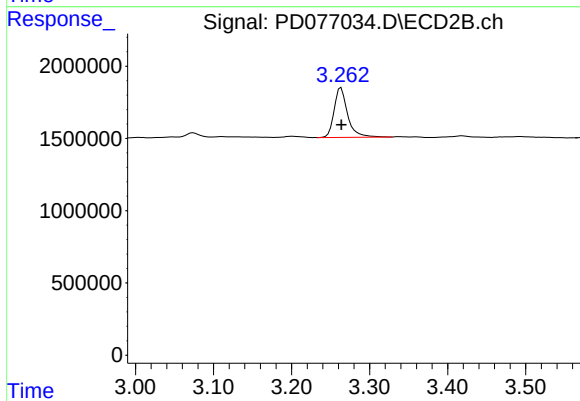
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 23278599
Conc: 17.09 ng/ml



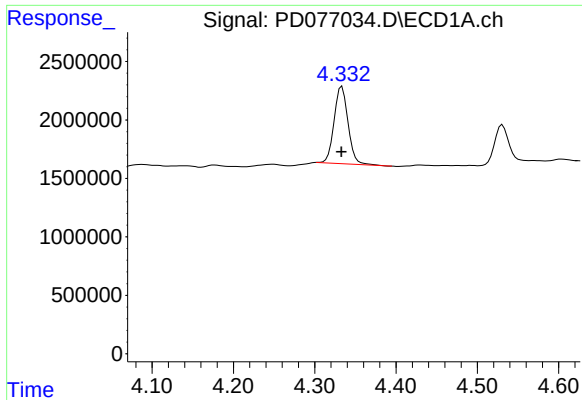
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 7813786
Conc: 2.03 ng/ml



#2 alpha-BHC

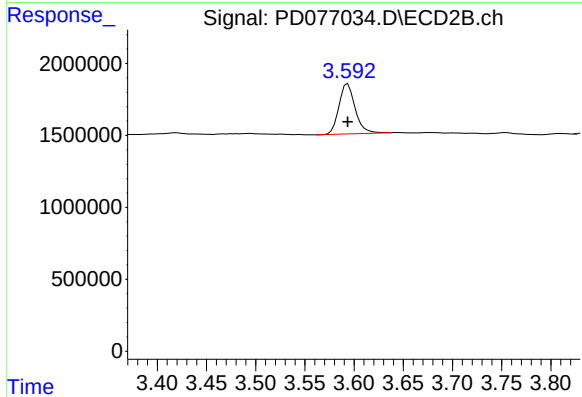
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 4131904
Conc: 2.14 ng/ml



#3 gamma-BHC (Lindane)

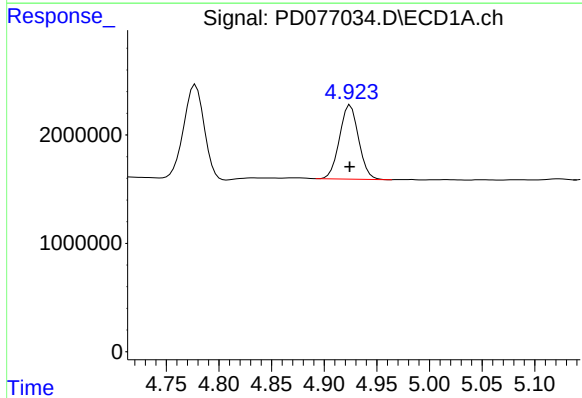
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 7858748
Conc: 2.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



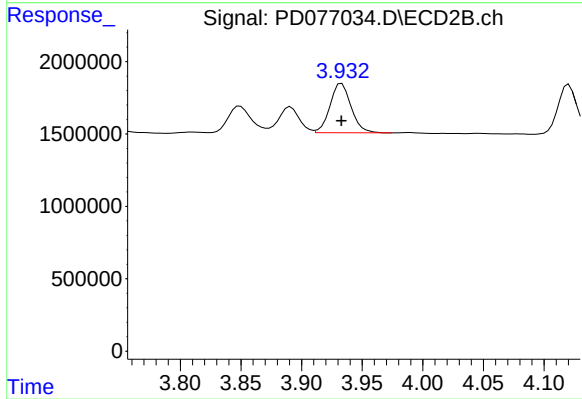
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 3978115
Conc: 2.14 ng/ml



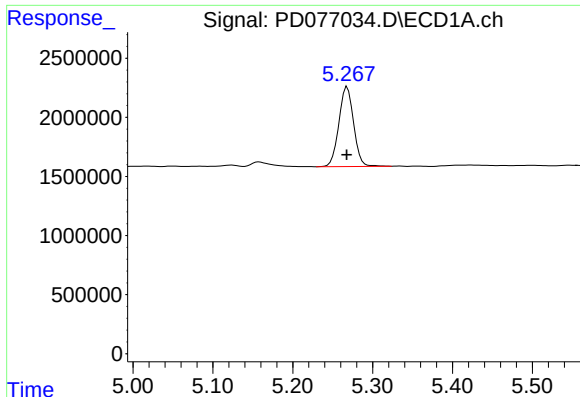
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 8657601
Conc: 2.40 ng/ml



#4 Heptachlor

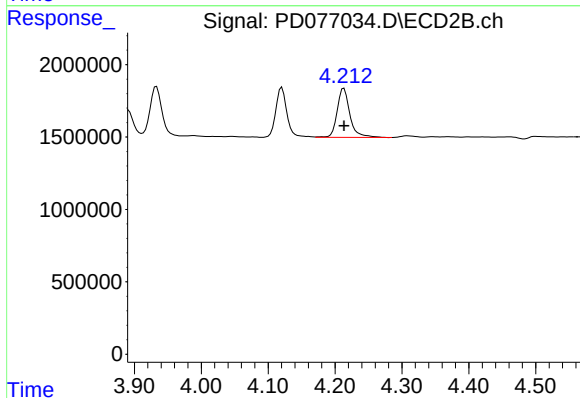
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 4130417
Conc: 2.27 ng/ml



#5 Aldrin

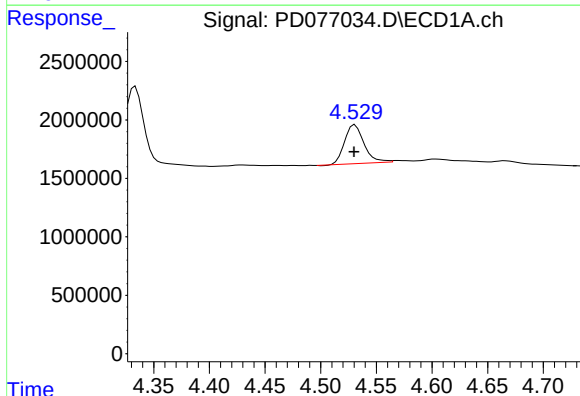
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 8645769
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



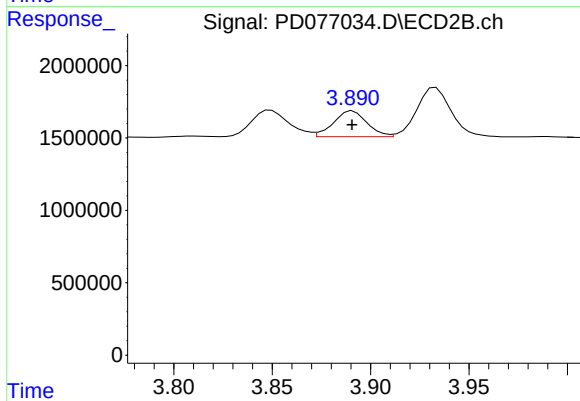
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 4500057
Conc: 2.43 ng/ml



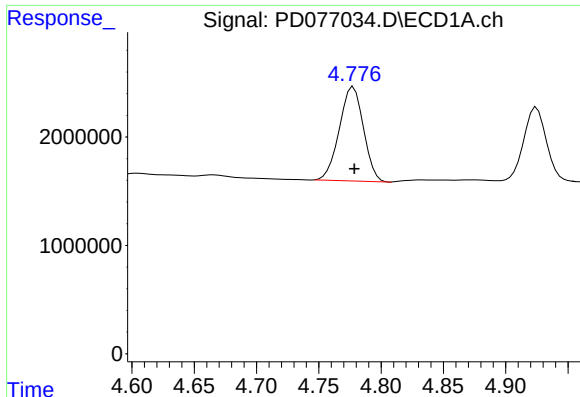
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 4034686
Conc: 2.68 ng/ml



#6 beta-BHC

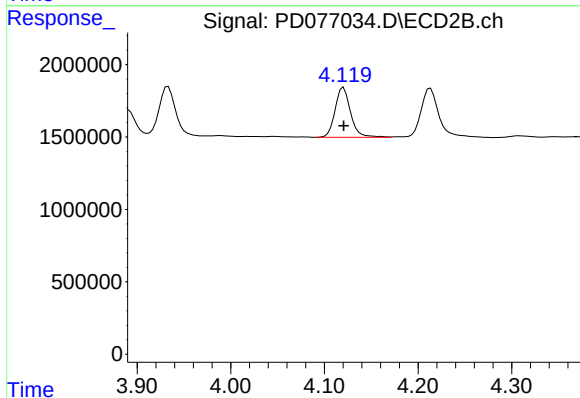
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 2115471
Conc: 2.77 ng/ml



#7 delta-BHC

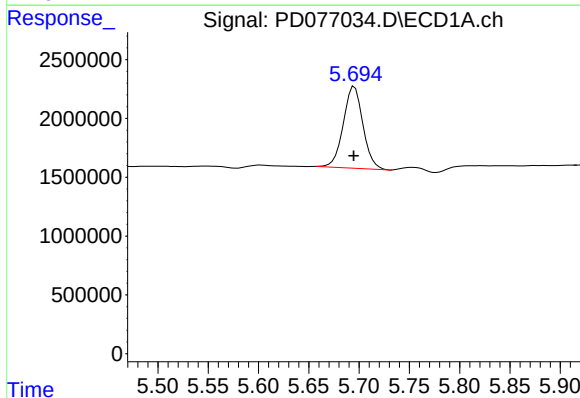
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 11749598
Conc: 3.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



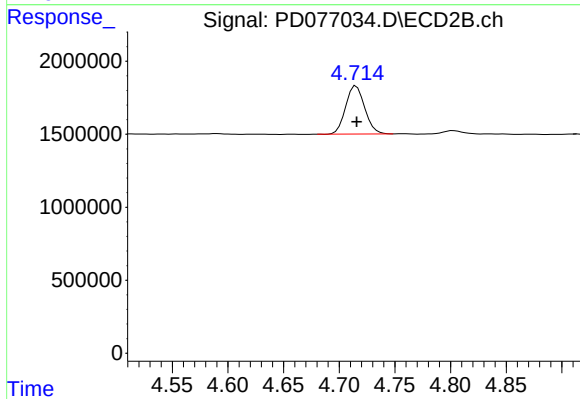
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 3977500
Conc: 2.24 ng/ml



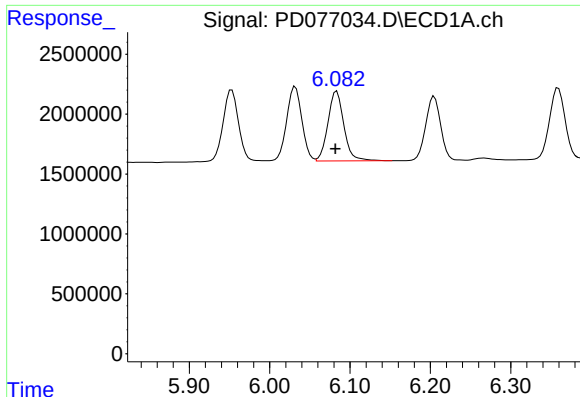
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 9434641
Conc: 2.85 ng/ml



#8 Heptachlor epoxide

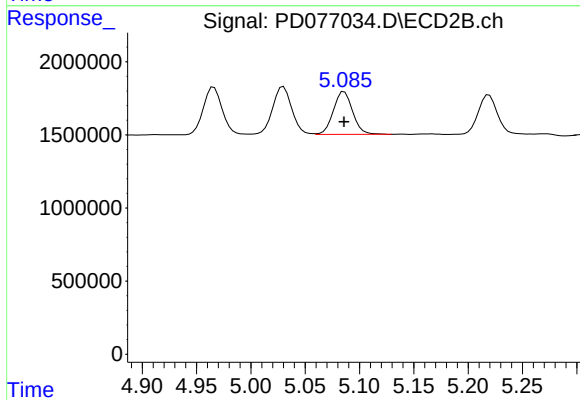
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 3937175
Conc: 2.35 ng/ml



#9 Endosulfan I

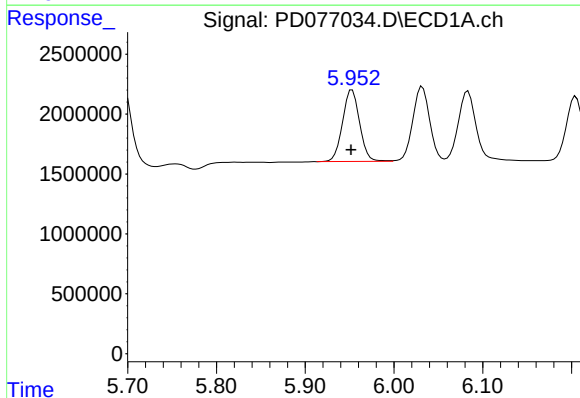
R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 8057066
Conc: 2.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



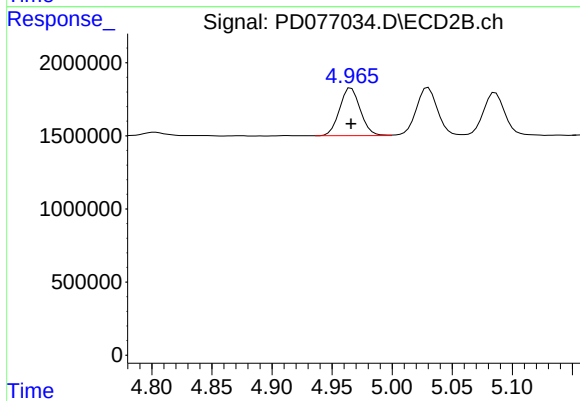
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 3626931
Conc: 2.33 ng/ml



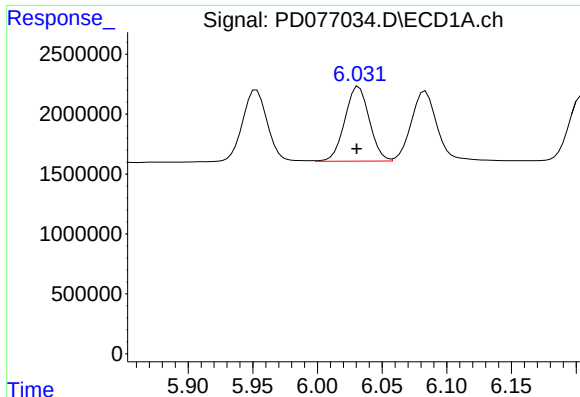
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 8002927
Conc: 2.46 ng/ml



#10 gamma-Chlordane

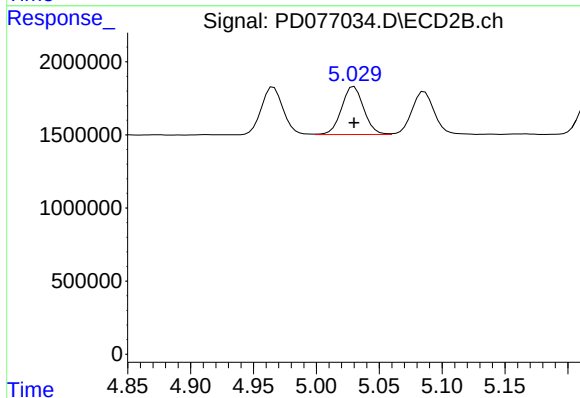
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 3930693
Conc: 2.37 ng/ml



#11 alpha-Chlordane

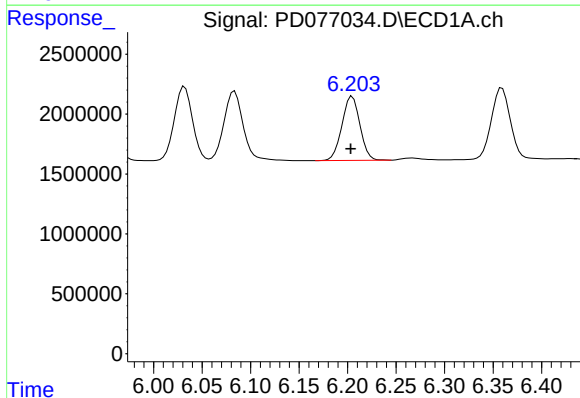
R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 8208039
Conc: 2.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



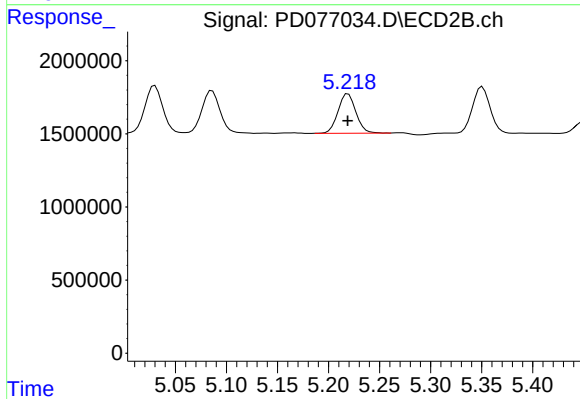
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 4043248
Conc: 2.42 ng/ml



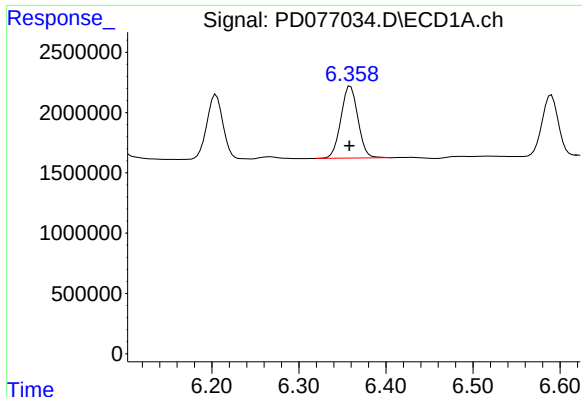
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 6897529
Conc: 2.33 ng/ml



#12 4,4'-DDE

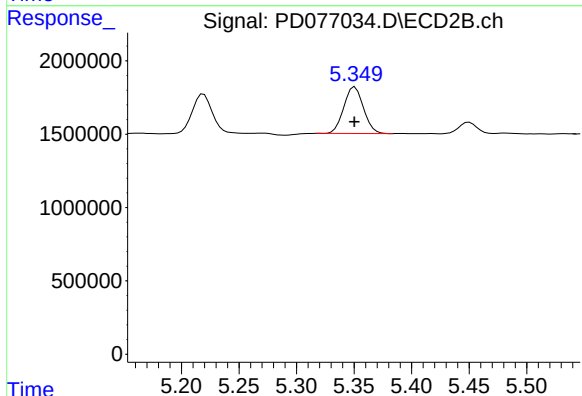
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 3268853
Conc: 2.25 ng/ml



#13 Dieldrin

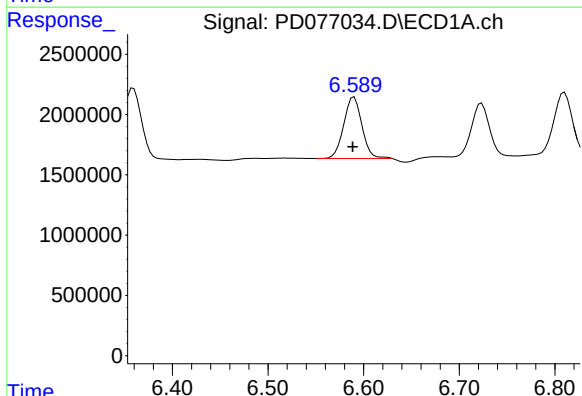
R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 8129907
Conc: 2.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



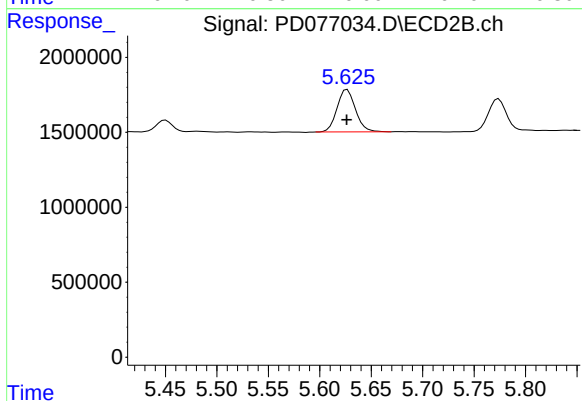
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 3795801
Conc: 2.25 ng/ml



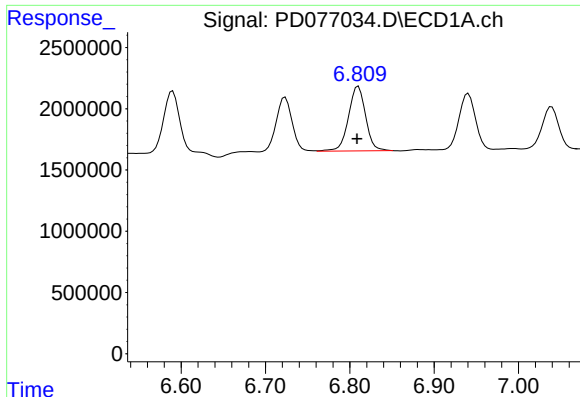
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.002 min
Response: 6778947
Conc: 2.44 ng/ml



#14 Endrin

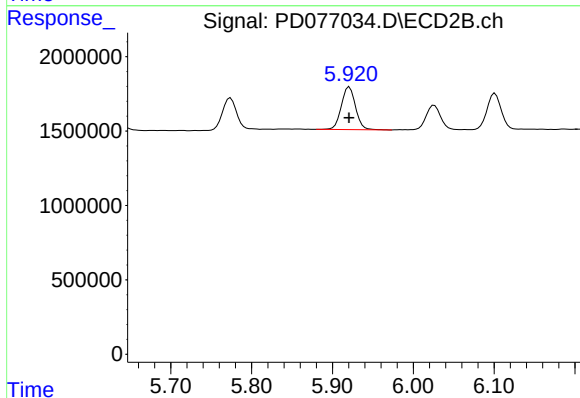
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 3539292
Conc: 2.42 ng/ml



#15 Endosulfan II

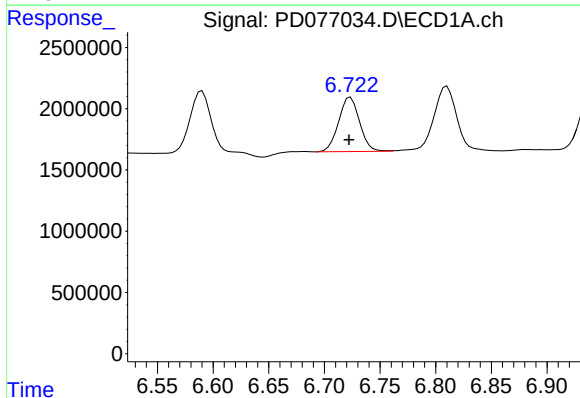
R.T.: 6.810 min
Delta R.T.: 0.002 min
Response: 7459235
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



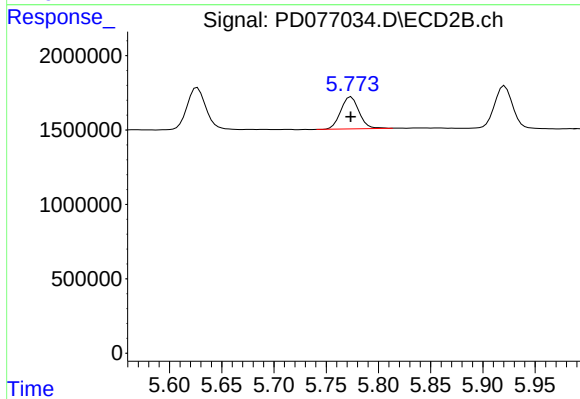
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 3486794
Conc: 2.37 ng/ml



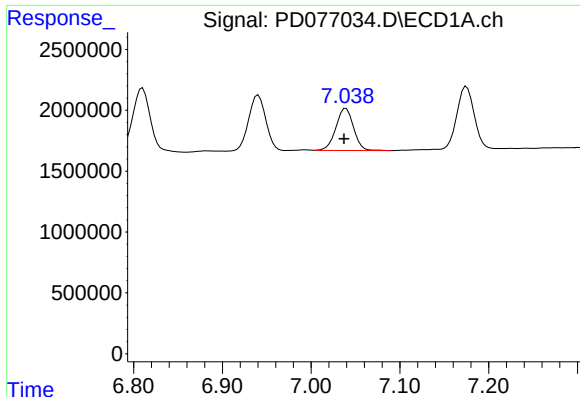
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.001 min
Response: 5793661
Conc: 2.46 ng/ml



#16 4,4'-DDD

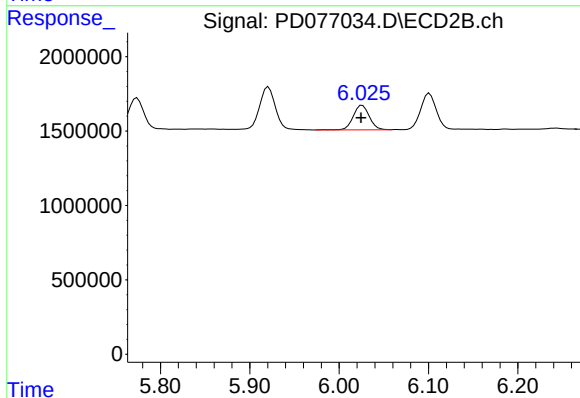
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2614505
Conc: 2.35 ng/ml



#17 4,4'-DDT

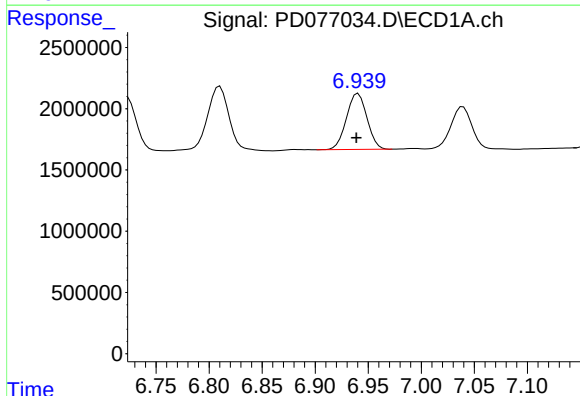
R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 4809985
Conc: 1.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



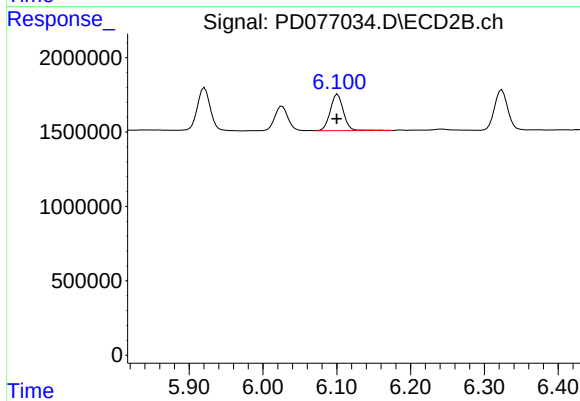
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 2070300
Conc: 1.86 ng/ml



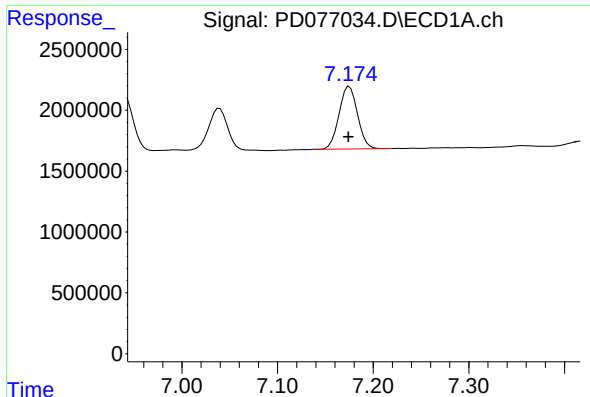
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.002 min
Response: 6152001
Conc: 2.82 ng/ml



#18 Endrin aldehyde

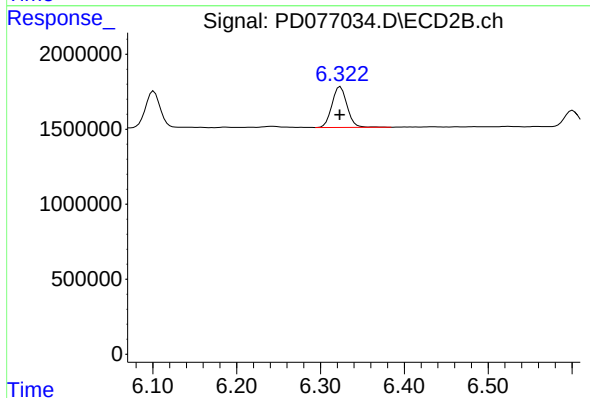
R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 3026933
Conc: 2.66 ng/ml



#19 Endosulfan Sulfate

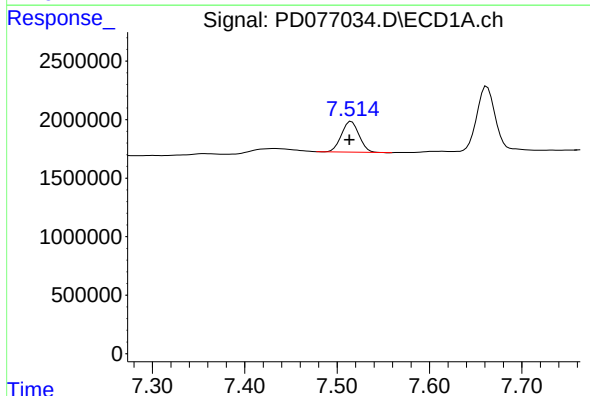
R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 6924095
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



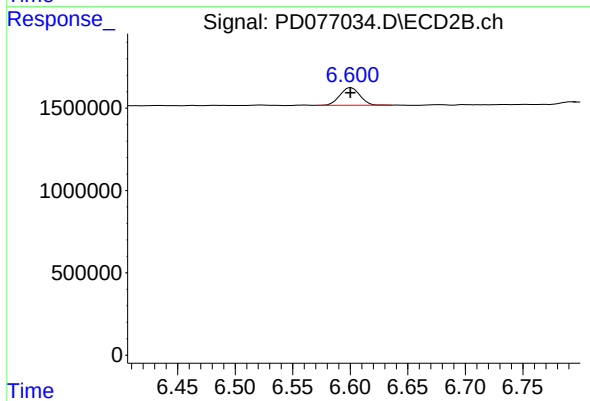
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 3408721
Conc: 2.56 ng/ml



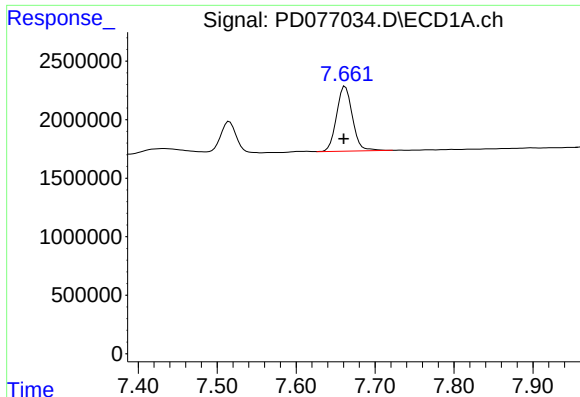
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 3444027
Conc: 2.43 ng/ml



#20 Methoxychlor

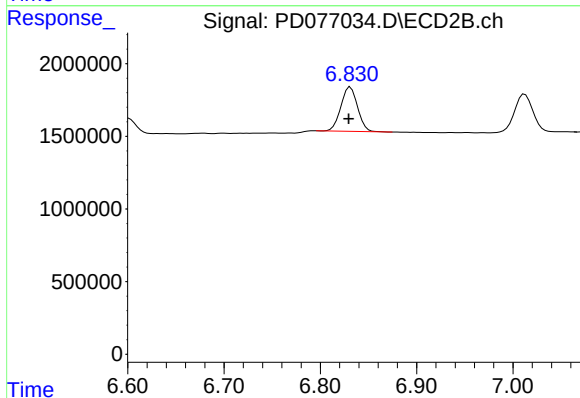
R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 1293631
Conc: 2.16 ng/ml



#21 Endrin ketone

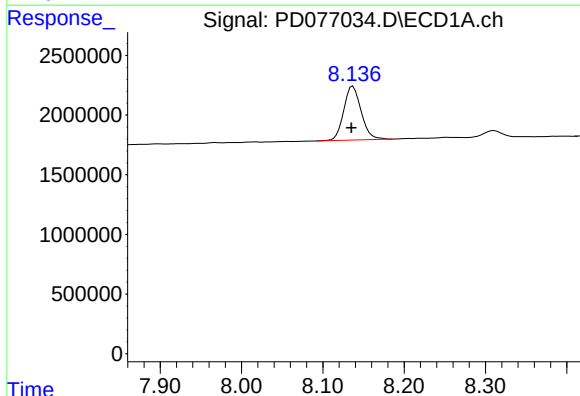
R.T.: 7.662 min
Delta R.T.: 0.002 min
Response: 7735129
Conc: 2.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



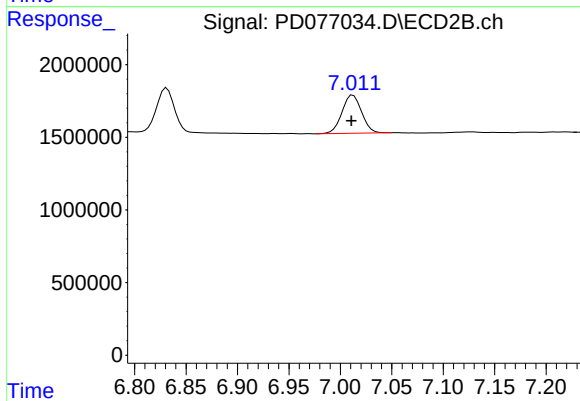
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 3640377
Conc: 2.30 ng/ml



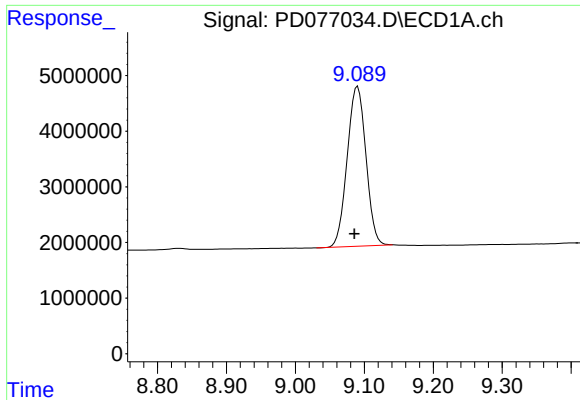
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.002 min
Response: 6704337
Conc: 2.94 ng/ml



#22 Mirex

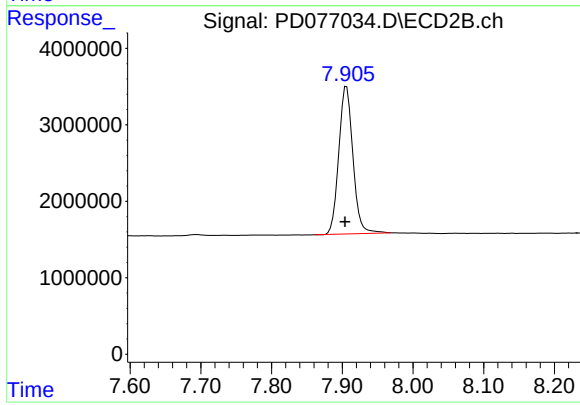
R.T.: 7.012 min
Delta R.T.: 0.001 min
Response: 3508382
Conc: 2.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.005 min
Response: 54328689
Conc: 19.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 26842715
Conc: 18.76 ng/ml