

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
 Data File : PD090206.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 20:00
 Operator : AR\AJ
 Sample : Q3023-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-PILE-1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 01:44:28 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...	3.549	2.878	51169383	812.0E6	17.435	36.822 #
28)	SA Decachlor...	9.067	8.063	59159287	342.7E6	13.707	13.240
Target Compounds							
2)	A alpha-BHC	3.998	3.389	288.7E6	1847.6E6	48.106	54.441
3)	MA gamma-BHC...	4.329	3.725	280.6E6	1494.1E6	48.992	47.932
4)	MA Heptachlor	4.926	4.077	252.5E6	1441.9E6	45.023	46.229
5)	MB Aldrin	5.268	4.363	257.9E6	1447.4E6	47.640	47.525
6)	B beta-BHC	4.515	4.021	100.9E6	822.8E6	44.971	61.724 #
7)	B delta-BHC	4.763	4.257	262.4E6	1488.5E6	50.673	47.181
8)	B Heptachlo...	5.687	4.866	228.7E6	1309.7E6	46.607	47.289
9)	A Endosulfan I	6.071	5.241	217.1E6	1153.4E6	47.052	43.988
10)	B gamma-Chl...	5.943	5.119	226.7E6	1440.3E6	46.343	48.639
11)	B alpha-Chl...	6.024	5.184	233.2E6	1365.8E6	47.383	47.860
12)	B 4,4'-DDE	6.193	5.368	196.7E6	1347.8E6	44.820	46.761
13)	MA Dieldrin	6.343	5.505	227.8E6	1412.9E6	46.536	48.243
14)	MA Endrin	6.570	5.782	186.8E6	1223.3E6	45.082	45.931
15)	B Endosulfa...	6.783	6.073	186.8E6	1154.0E6	44.277	45.622
16)	A 4,4'-DDD	6.702	5.922	165.1E6	1071.7E6	47.717	44.572
17)	MA 4,4'-DDT	7.017	6.176	154.5E6	1040.7E6	40.551	41.513
18)	B Endrin al...	6.912	6.251	134.4E6	810.6E6	46.875	47.074
19)	B Endosulfa...	7.146	6.475	168.8E6	1047.0E6	43.088	42.946
20)	A Methoxychlor	7.490	6.746	73041398	493.8E6	36.418	38.293
21)	B Endrin ke...	7.627	6.984	180.0E6	1082.8E6	43.422	40.639
22)	Mirex	8.109	7.177	119.6E6	806.6E6	37.914	39.051
23)	Chlordane-1	0.000	3.899	0	30505373	N.D.	34.317 #
24)	Chlordane-2	5.216f	4.499	2675692	7513951	15.201	7.844 #
25)	Chlordane-3	5.943	5.119	226.7E6	1440.3E6	334.212	519.767 #
26)	Chlordane-4	6.024	5.184	233.2E6	1365.8E6	280.930	567.463 #
27)	Chlordane-5	6.866	6.073	579591	1154.0E6	4.135	1049.107 #

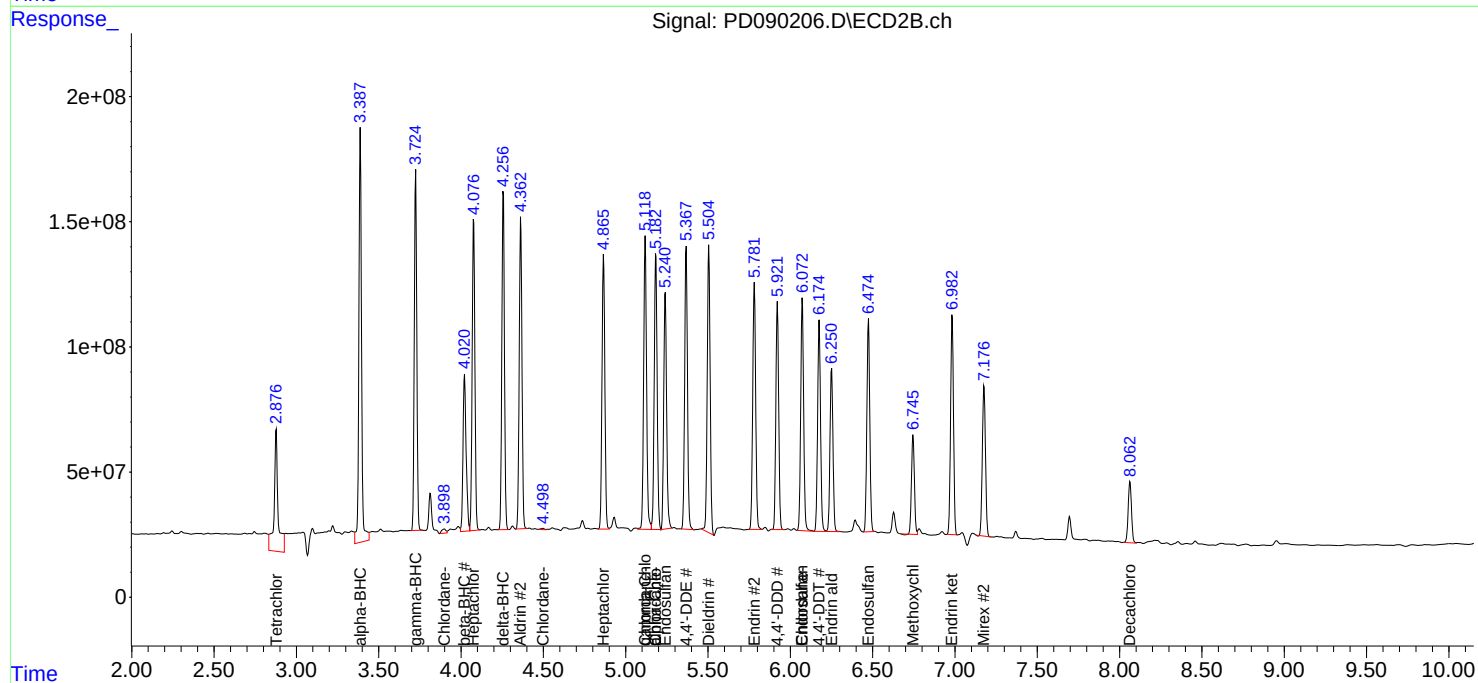
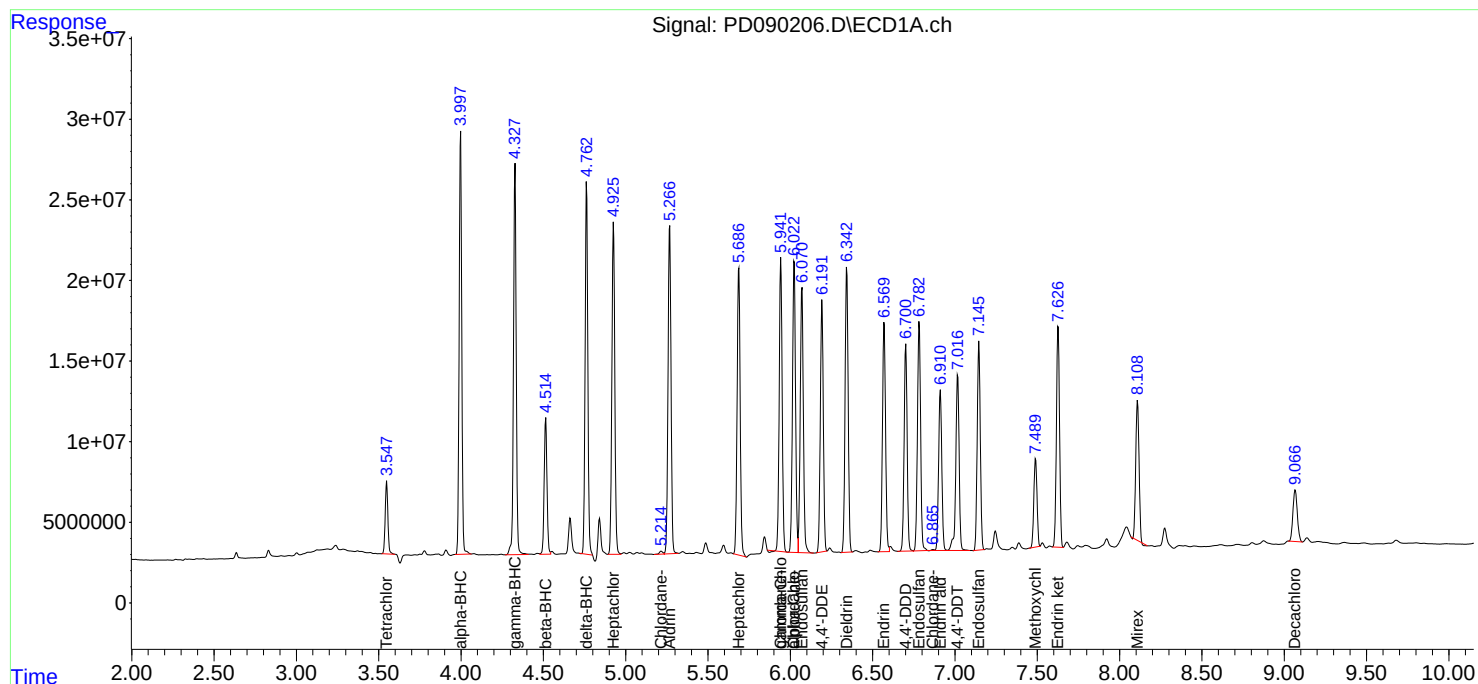
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

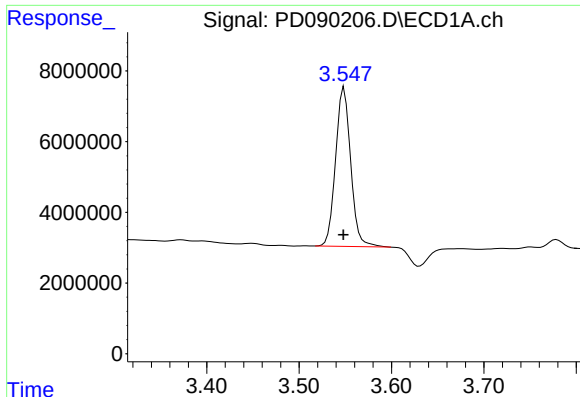
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
Data File : PD090206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 20:00
Operator : AR\AJ
Sample : Q3023-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 01:44:28 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

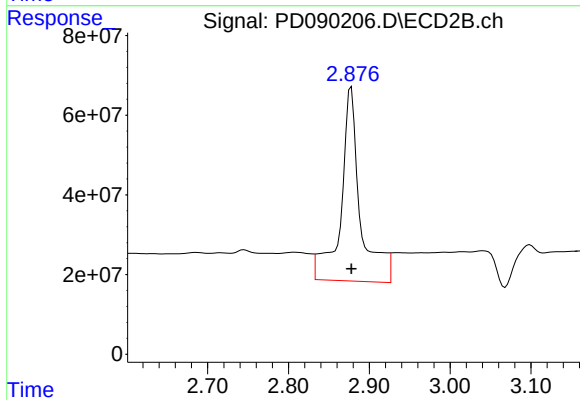




#1 Tetrachloro-m-xylene

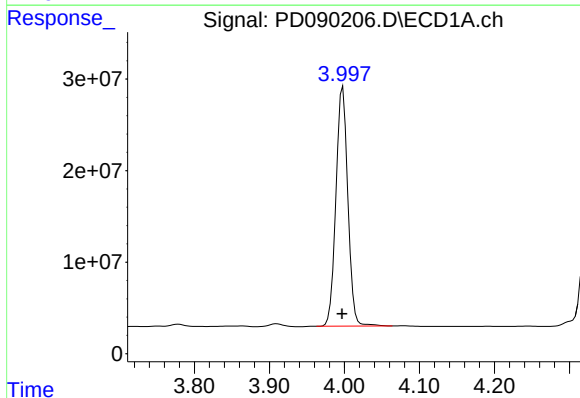
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 51169383
Conc: 17.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



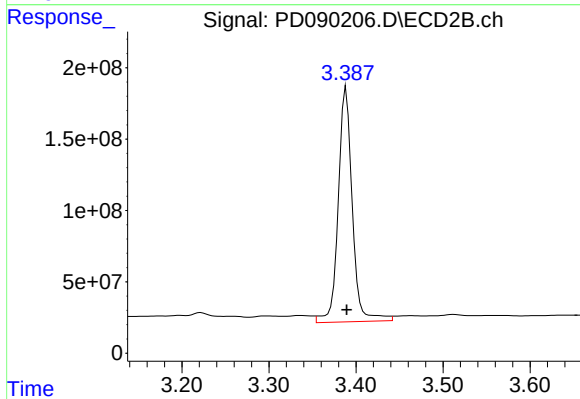
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 811956034
Conc: 36.82 ng/ml



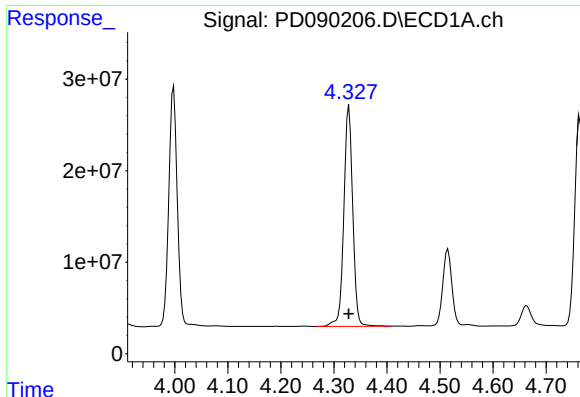
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 288744985
Conc: 48.11 ng/ml



#2 alpha-BHC

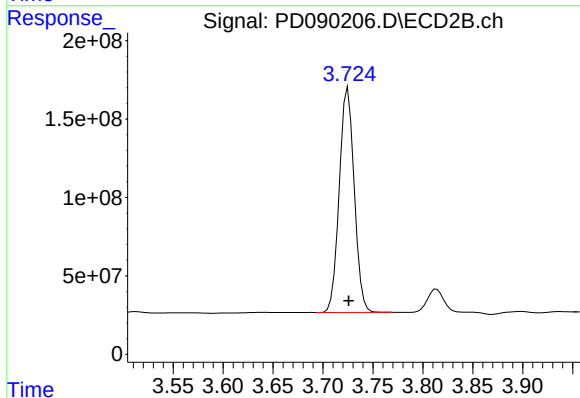
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1847649279
Conc: 54.44 ng/ml



#3 gamma-BHC (Lindane)

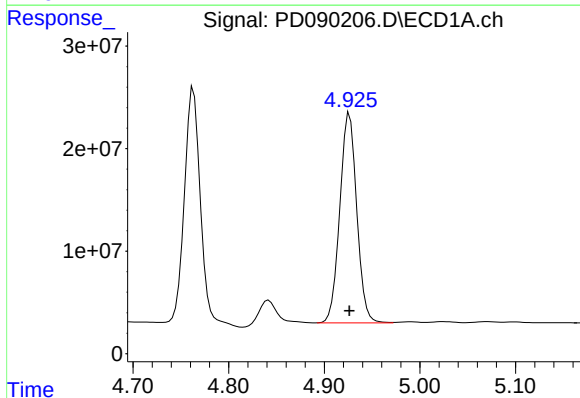
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 280567775
Conc: 48.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



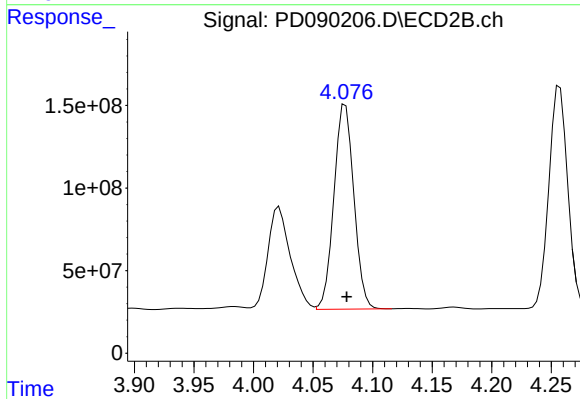
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1494069914
Conc: 47.93 ng/ml



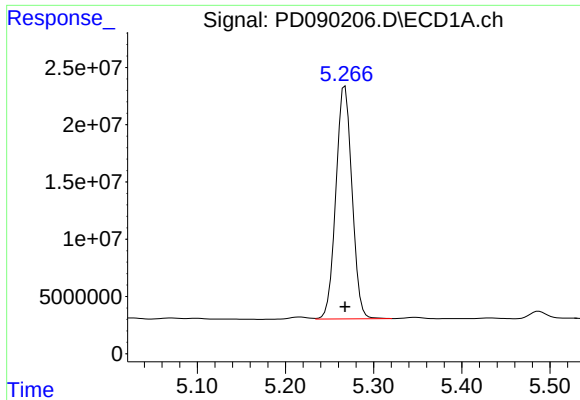
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 252543228
Conc: 45.02 ng/ml



#4 Heptachlor

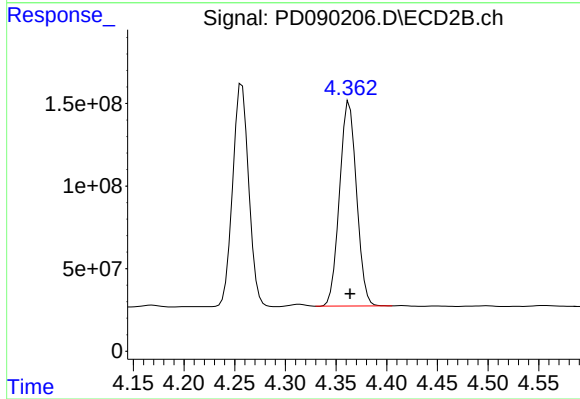
R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 1441944698
Conc: 46.23 ng/ml



#5 Aldrin

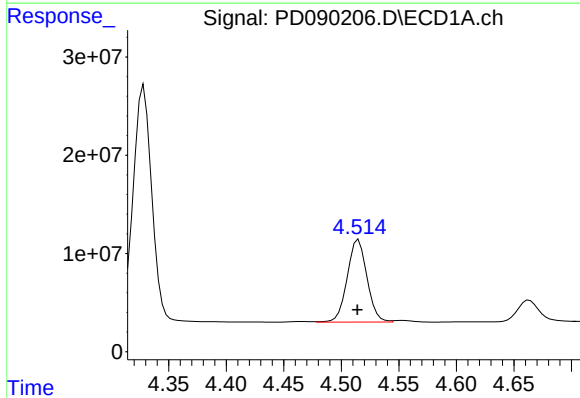
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 257946459
Conc: 47.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



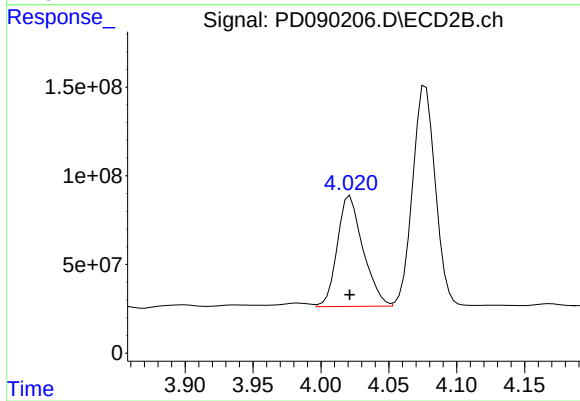
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1447412508
Conc: 47.53 ng/ml



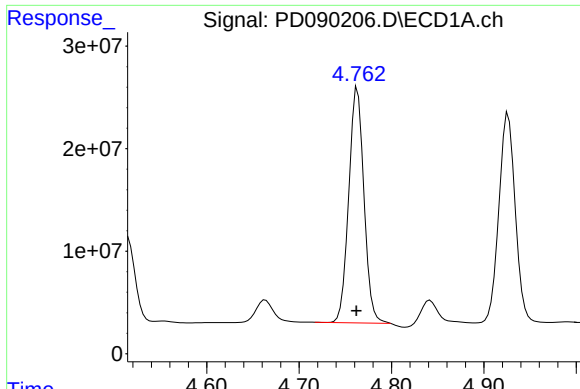
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 100871786
Conc: 44.97 ng/ml



#6 beta-BHC

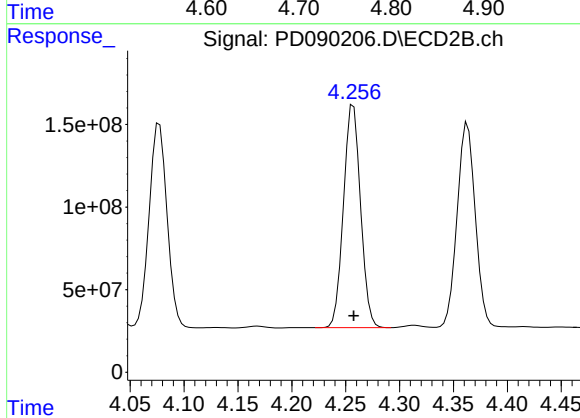
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 822788043
Conc: 61.72 ng/ml



#7 delta-BHC

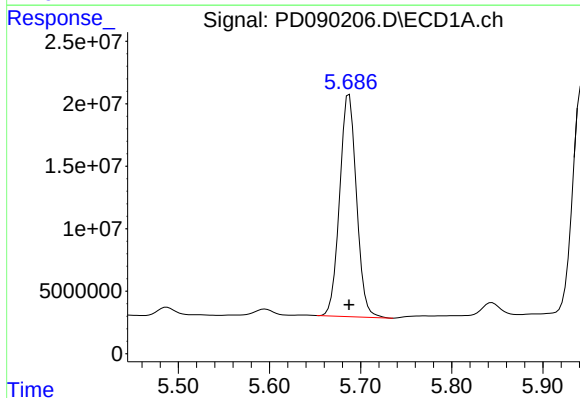
R.T.: 4.763 min
Delta R.T.: 0.001 min
Response: 262372117
Conc: 50.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



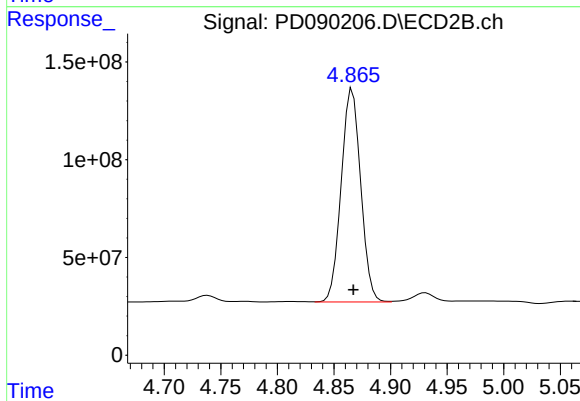
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 1488536656
Conc: 47.18 ng/ml



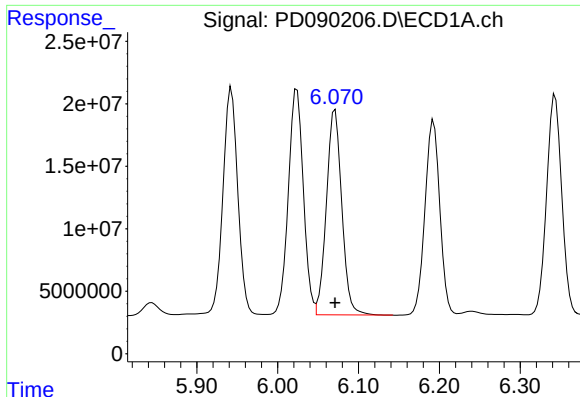
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 228693411
Conc: 46.61 ng/ml



#8 Heptachlor epoxide

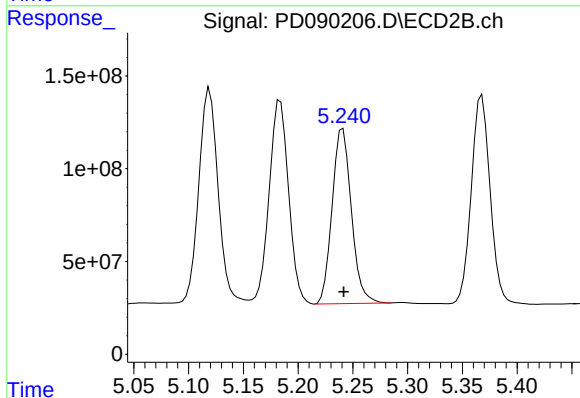
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 1309669358
Conc: 47.29 ng/ml



#9 Endosulfan I

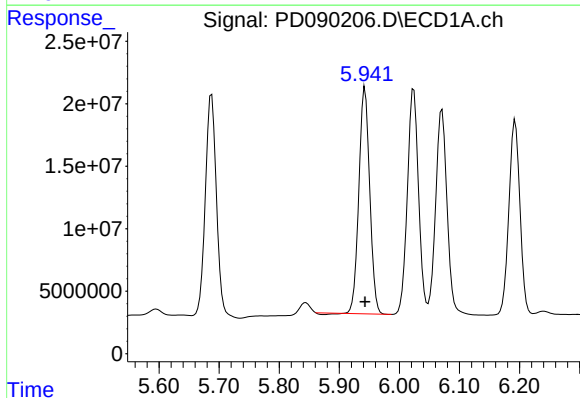
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 217141095
Conc: 47.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



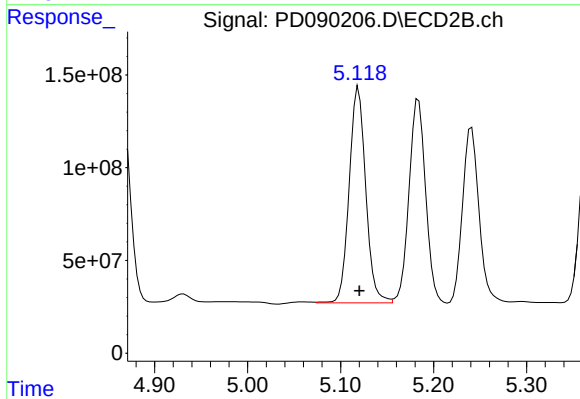
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1153447761
Conc: 43.99 ng/ml



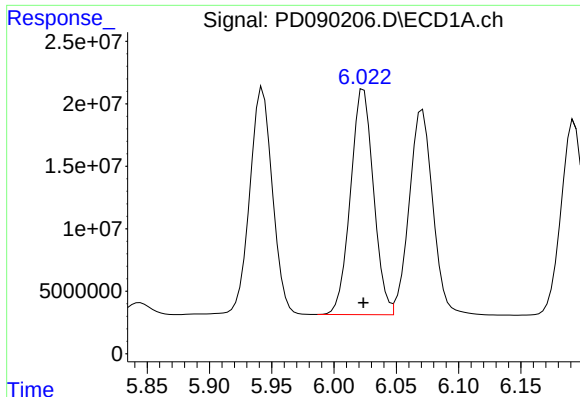
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 226664030
Conc: 46.34 ng/ml



#10 gamma-Chlordane

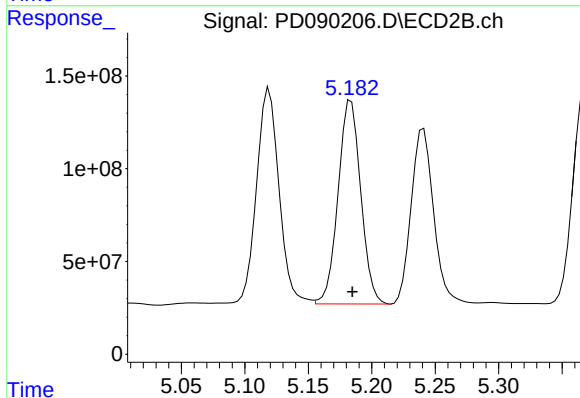
R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 1440254468
Conc: 48.64 ng/ml



#11 alpha-Chlordane

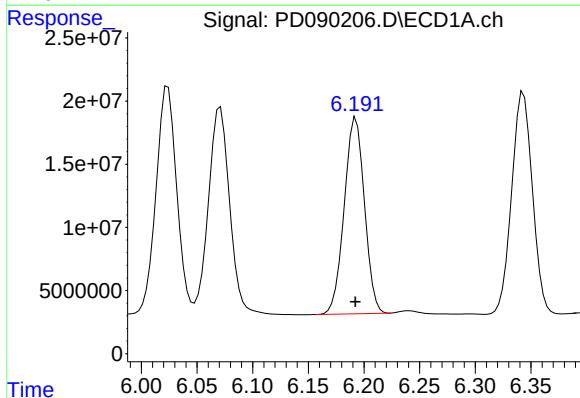
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 233241402
Conc: 47.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



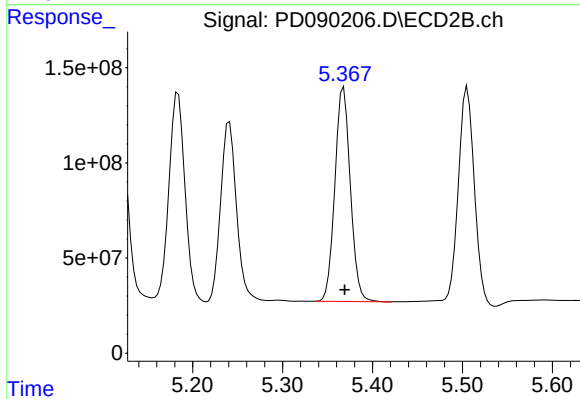
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 1365838403
Conc: 47.86 ng/ml



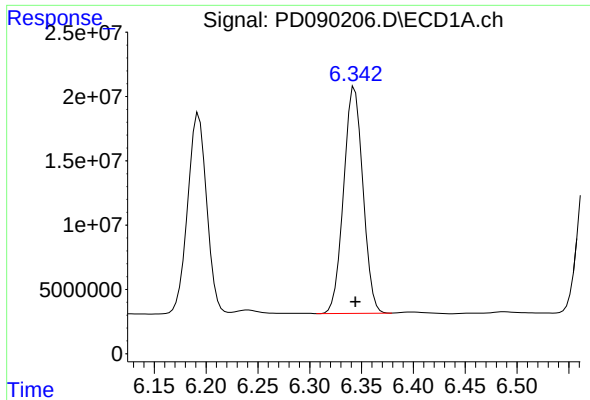
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 196684689
Conc: 44.82 ng/ml



#12 4,4'-DDE

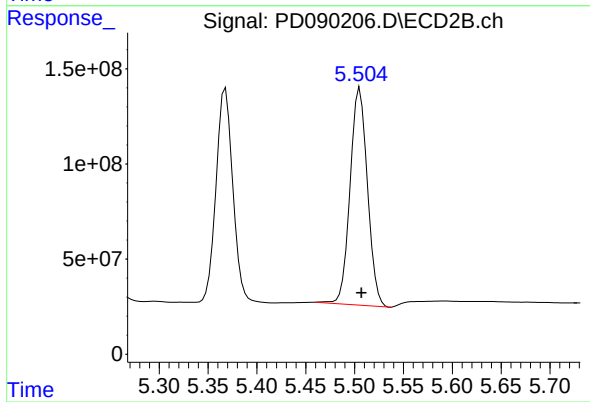
R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 1347784124
Conc: 46.76 ng/ml



#13 Dieldrin

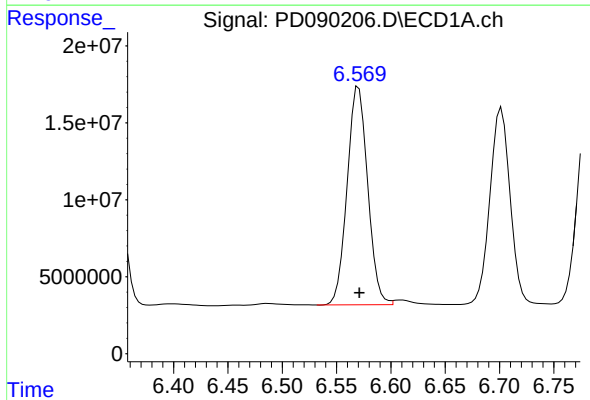
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 227829150
Conc: 46.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



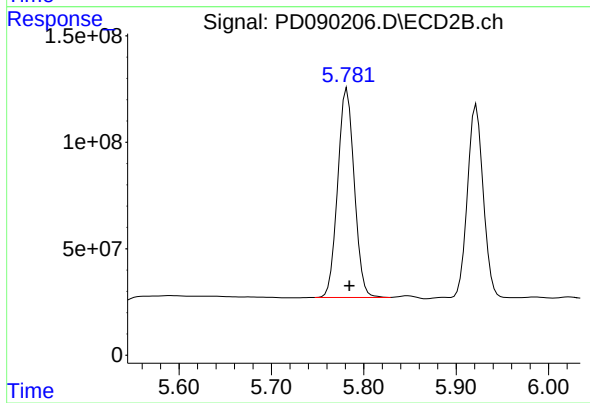
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1412897259
Conc: 48.24 ng/ml



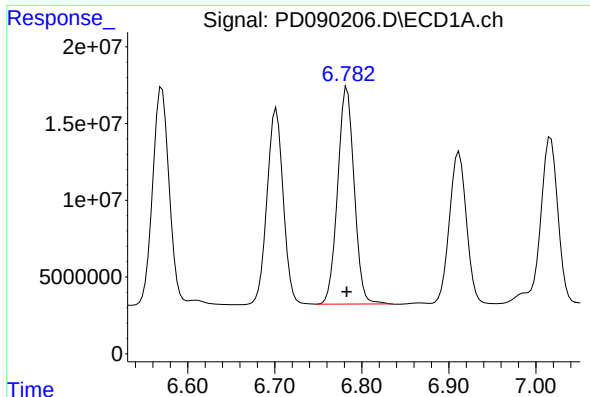
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 186800775
Conc: 45.08 ng/ml



#14 Endrin

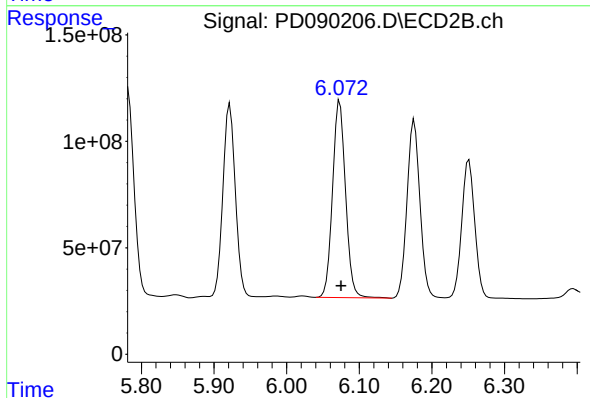
R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 1223257103
Conc: 45.93 ng/ml



#15 Endosulfan II

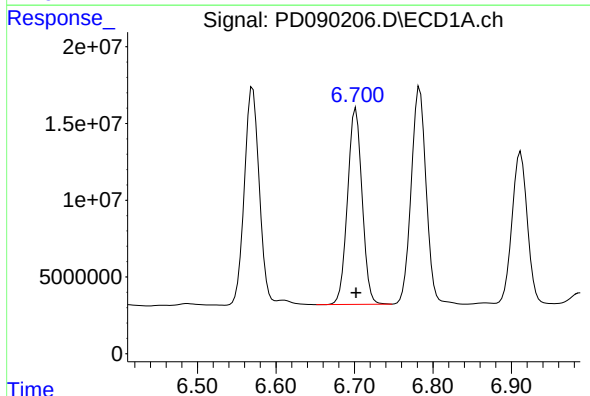
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 186837109
Conc: 44.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



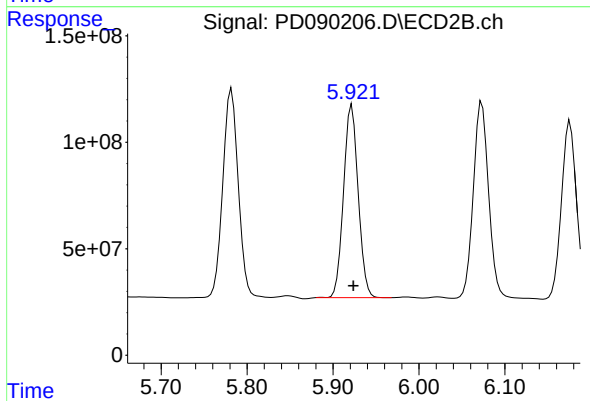
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1153985219
Conc: 45.62 ng/ml



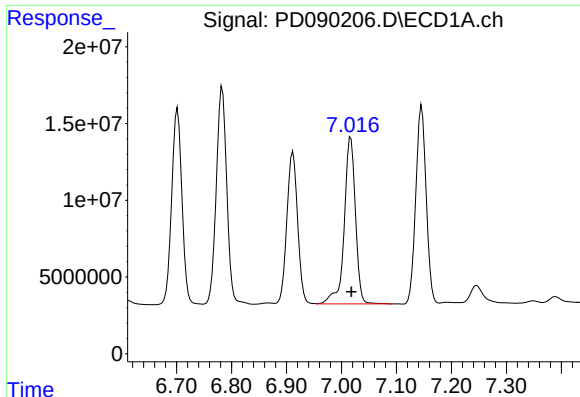
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 165059442
Conc: 47.72 ng/ml



#16 4,4'-DDD

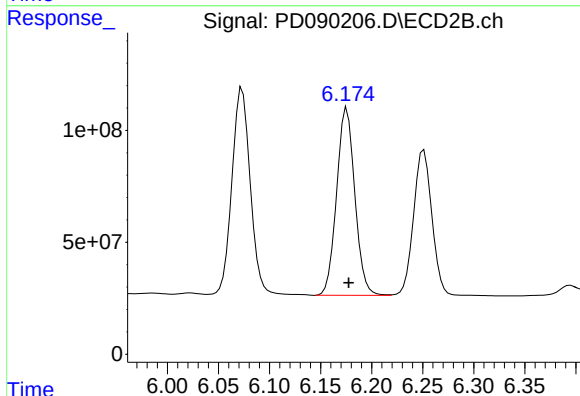
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1071678047
Conc: 44.57 ng/ml



#17 4,4'-DDT

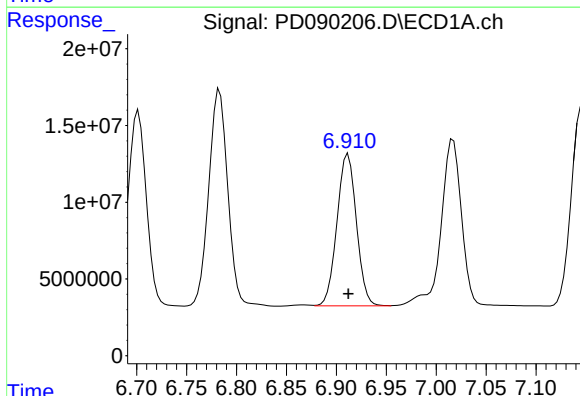
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 154488675
Conc: 40.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



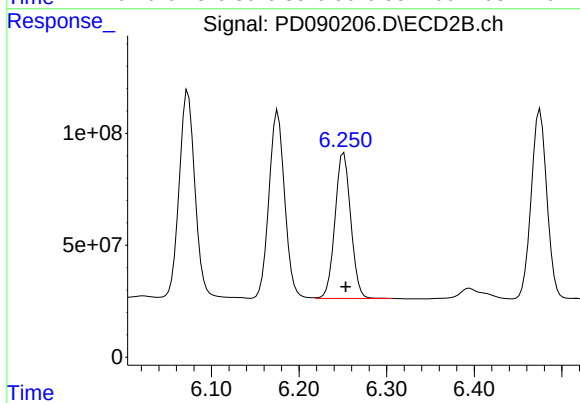
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 1040721945
Conc: 41.51 ng/ml



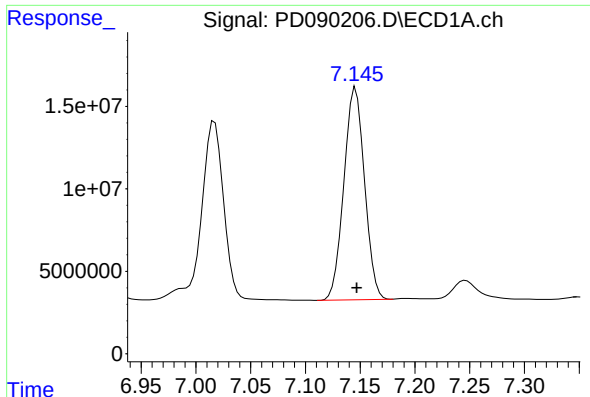
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 134397045
Conc: 46.87 ng/ml



#18 Endrin aldehyde

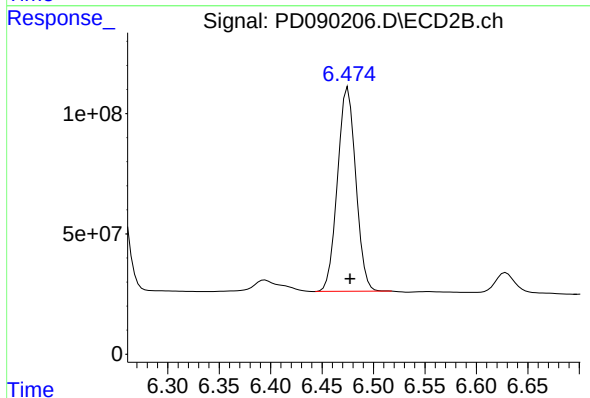
R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 810607575
Conc: 47.07 ng/ml



#19 Endosulfan Sulfate

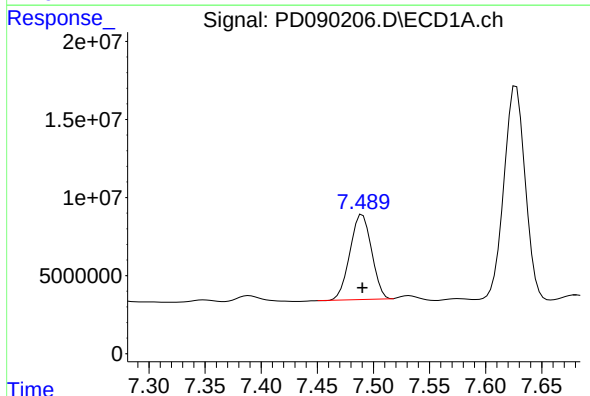
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 168841179
Conc: 43.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



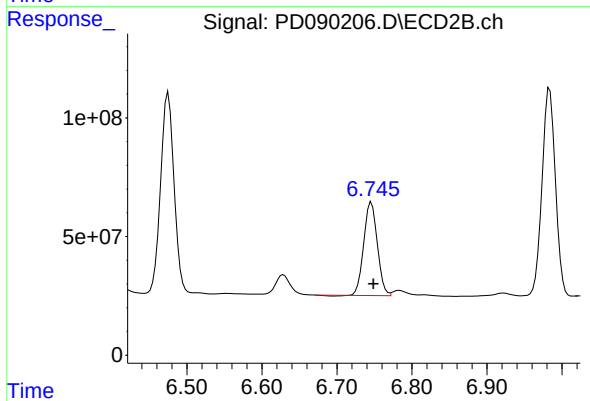
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 1046996618
Conc: 42.95 ng/ml



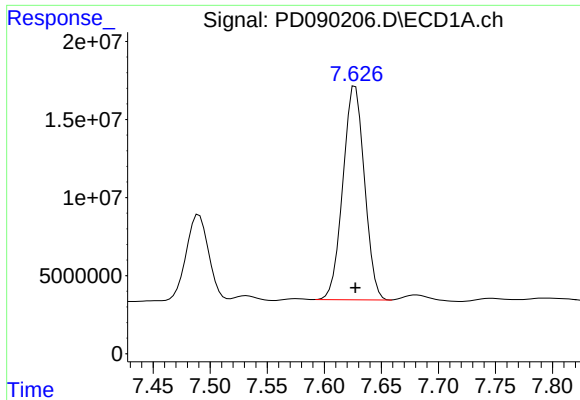
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 73041398
Conc: 36.42 ng/ml



#20 Methoxychlor

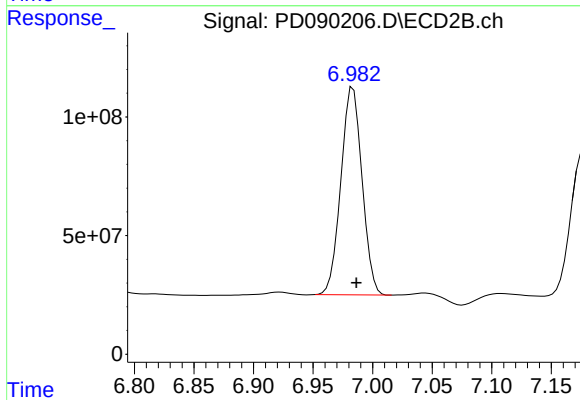
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 493823948
Conc: 38.29 ng/ml



#21 Endrin ketone

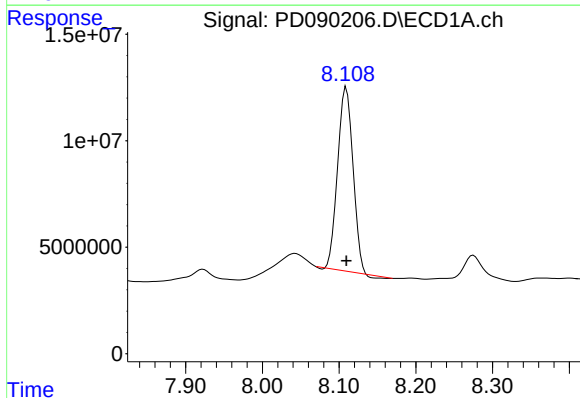
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 179964990
Conc: 43.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



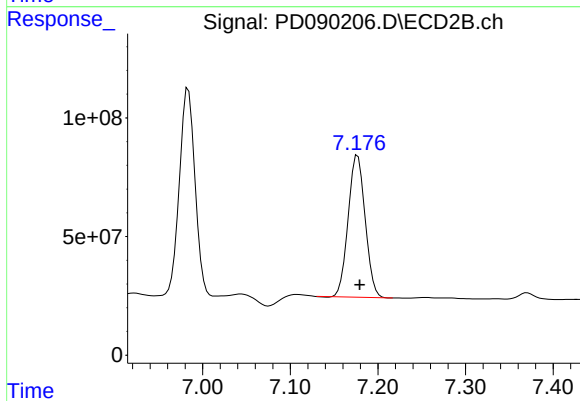
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 1082803348
Conc: 40.64 ng/ml



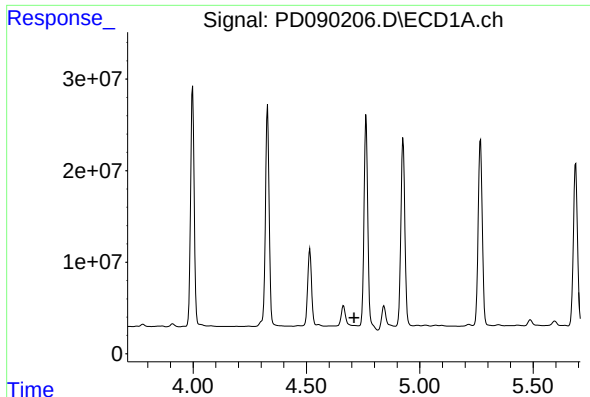
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 119598173
Conc: 37.91 ng/ml



#22 Mirex

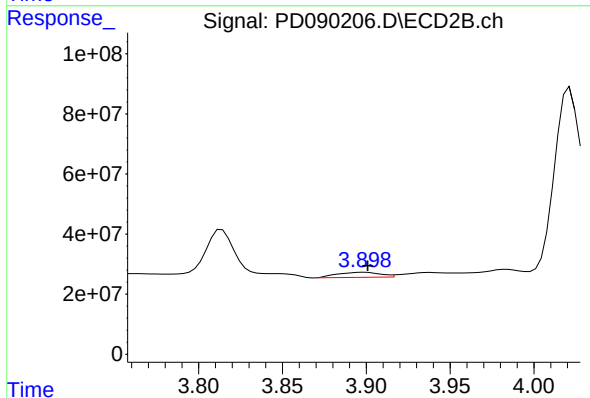
R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 806618225
Conc: 39.05 ng/ml



#23 Chlordane-1

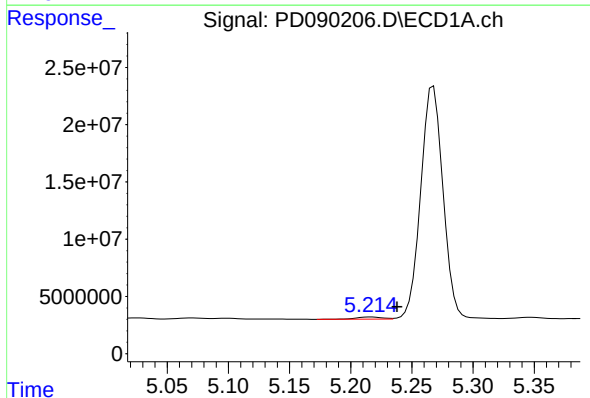
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



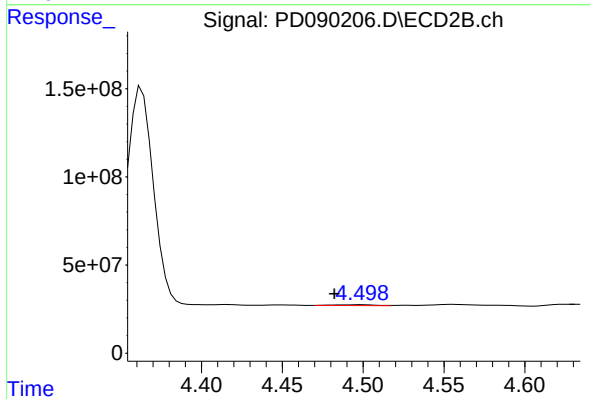
#23 Chlordane-1

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 30505373
Conc: 34.32 ng/ml



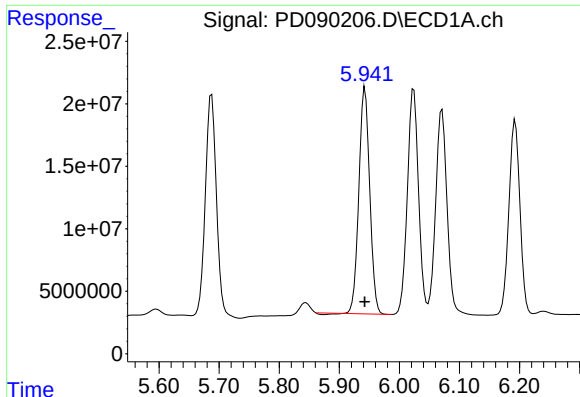
#24 Chlordane-2

R.T.: 5.216 min
Delta R.T.: -0.022 min
Response: 2675692
Conc: 15.20 ng/ml



#24 Chlordane-2

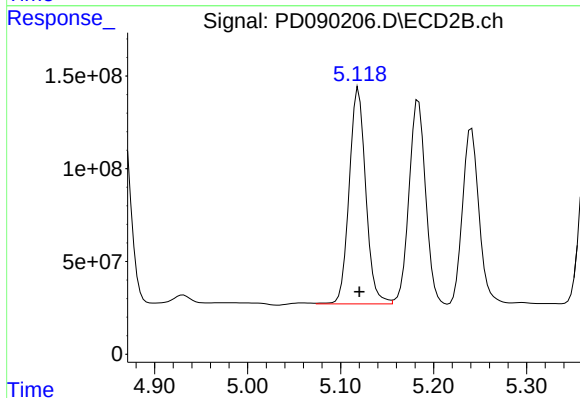
R.T.: 4.499 min
Delta R.T.: 0.017 min
Response: 7513951
Conc: 7.84 ng/ml



#25 Chlordane-3

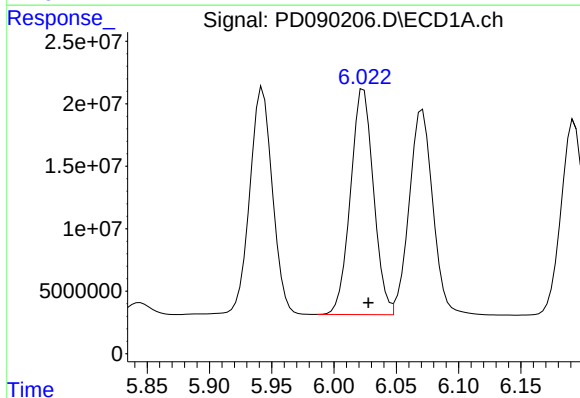
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 226664030
Conc: 334.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



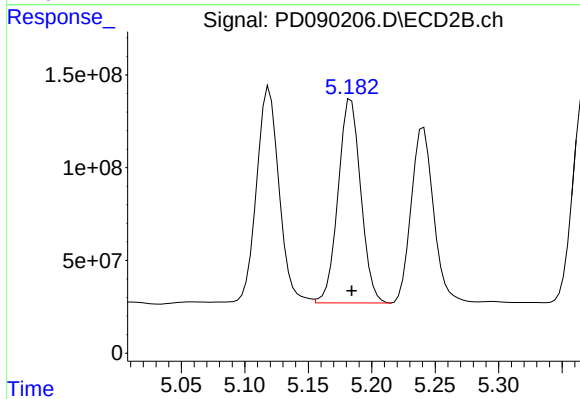
#25 Chlordane-3

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 1440254468
Conc: 519.77 ng/ml



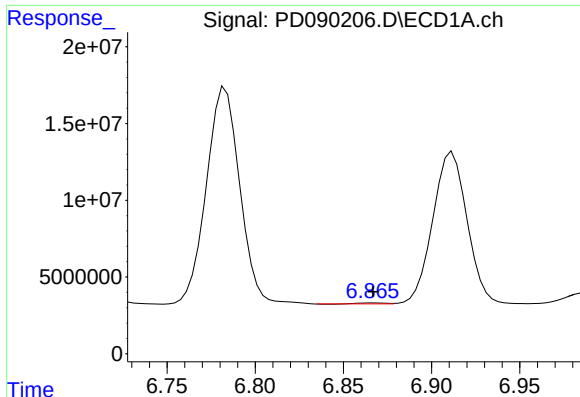
#26 Chlordane-4

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 233241402
Conc: 280.93 ng/ml



#26 Chlordane-4

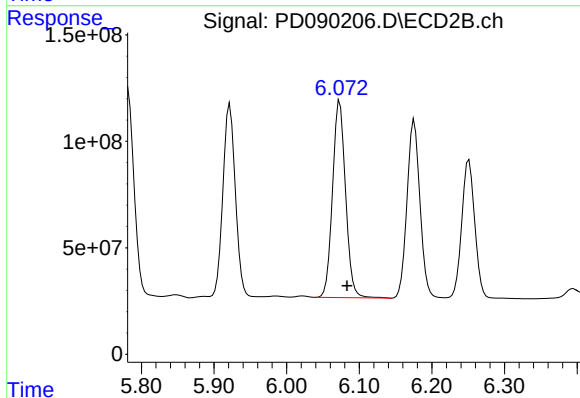
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 1365838403
Conc: 567.46 ng/ml



#27 Chlordane-5

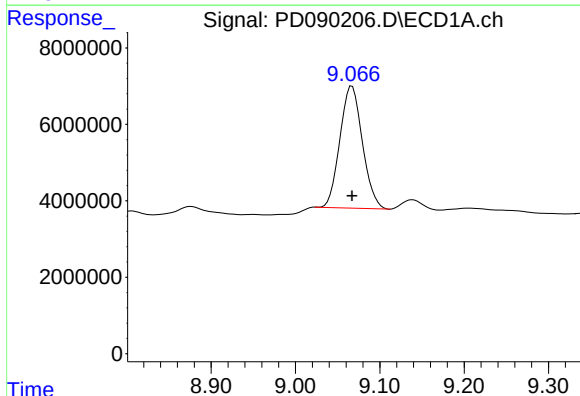
R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 579591
Conc: 4.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MS



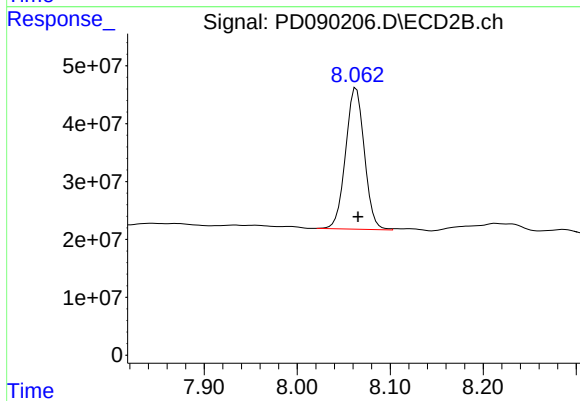
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.010 min
Response: 1153985219
Conc: 1049.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 59159287
Conc: 13.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 342724140
Conc: 13.24 ng/ml