

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
 Data File : PD090017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 18:36
 Operator : AR\AJ
 Sample : Q2932-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ARS20-0002-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 01:54:53 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...	3.550	2.881	16800988	166.2E6	5.725	7.537 #
2)	SA Decachlor...	9.072	8.044f	-24627702	578.3E6	N.D.	22.339
Target Compounds							
2)	A alpha-BHC	0.000	3.414f	0	48479082	N.D.	1.428 #
3)	MA gamma-BHC...	4.337	3.732	29099951	355.3E6	5.081	11.398 #
4)	MA Heptachlor	4.944f	4.094f	238.2E6	75047222	42.466	2.406 #
5)	MB Aldrin	5.258	4.373	493.3E6	294.9E6	91.101	9.682 #
6)	B beta-BHC	4.493f	0.000	4391394	0	1.958	N.D. #
7)	B delta-BHC	4.781f	4.257	21328106	308.5E6	4.119	9.777 #
8)	B Heptachlo...	5.682	4.861	846.0E6	206.6E6	172.410	7.458 #
9)	A Endosulfan I	6.081	5.241	43089548	377.1E6	9.337	14.383 #
10)	B gamma-Chl...	5.927f	5.119	237.4E6	122.6E6	48.546	4.142 #
11)	B alpha-Chl...	6.027	5.210f	373.9E6	151.6E6	75.954	5.314 #
12)	B 4,4'-DDE	6.201	5.371	78757060	138.9E6	17.947	4.817 #
13)	MA Dieldrin	0.000	5.509	0	422.4E6	N.D.	14.423 #
14)	MA Endrin	6.559	5.785	155.7E6	182.3E6	37.569	6.845 #
15)	B Endosulfa...	6.763f	6.061	113.4E6	297.5E6	26.885	11.760 #
16)	A 4,4'-DDD	6.688	5.926	82793595	20887458	23.935	0.869 #
17)	MA 4,4'-DDT	7.026	6.177	52364323	247.9E6	13.745	9.888 #
18)	B Endrin al...	6.898	6.238f	-17667082	656.5E6	N.D.	38.124
19)	B Endosulfa...	0.000	6.483	0	132.2E6	N.D.	5.423 #
21)	B Endrin ke...	7.614	6.981	28478518	-3717616	6.871	N.D. #
22)	Mirex	8.084f	7.168	50552181	-22683054	16.026	N.D. #
23)	Chlordane-1	4.689f	3.893	1509.2E6	81753092	8787.312	91.968 #
24)	Chlordane-2	5.258f	4.474	493.3E6	211.6E6	2802.320	220.904 #
25)	Chlordane-3	5.927	5.119	237.4E6	122.6E6	350.098	44.259 #
26)	Chlordane-4	6.027	5.210f	373.9E6	151.6E6	450.323	63.002 #
27)	Chlordane-5	0.000	6.101	0	159.8E6	N.D.	145.290 #

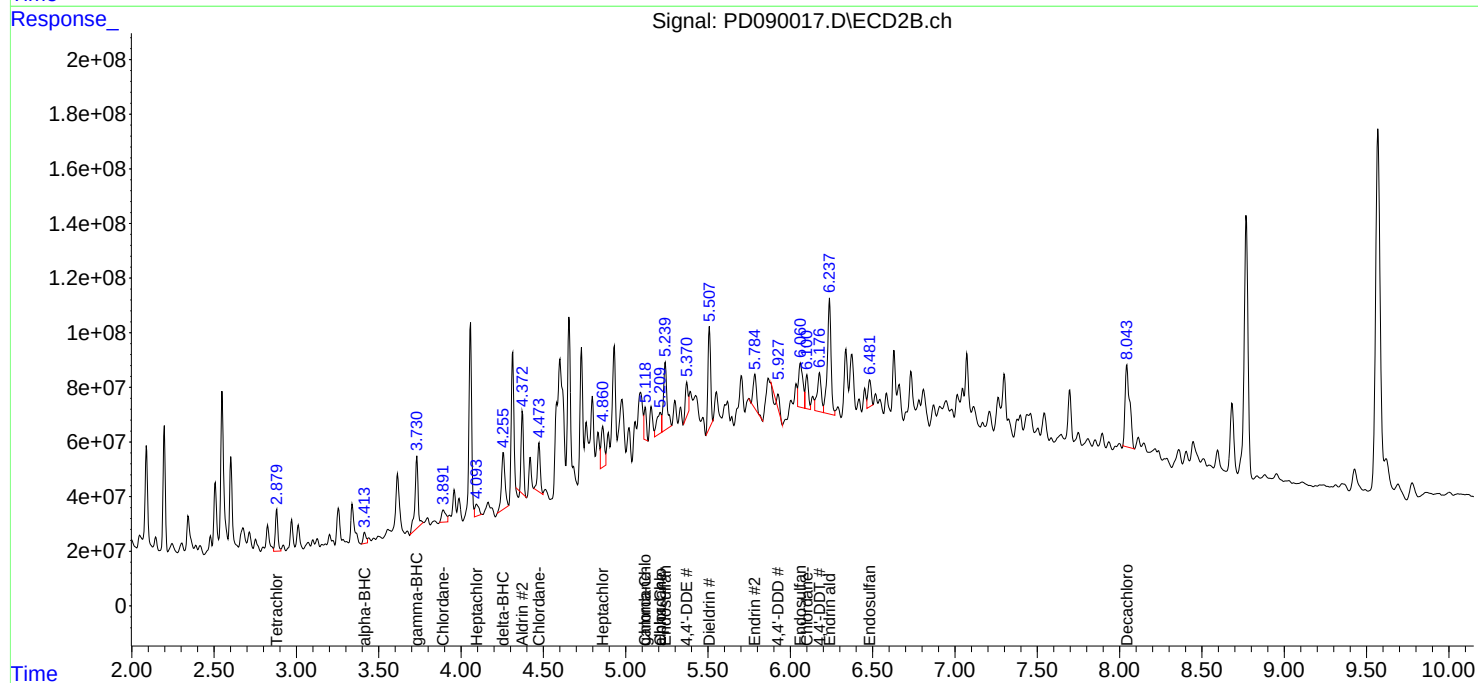
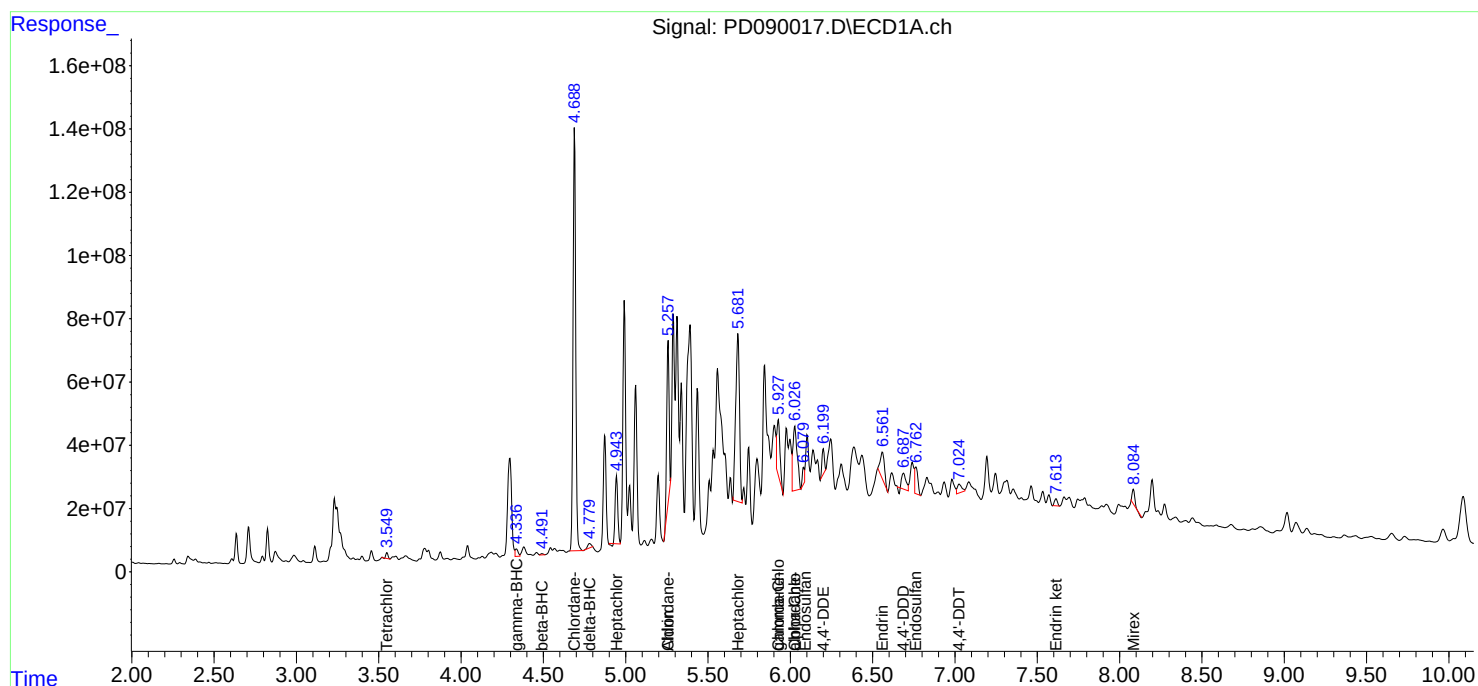
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

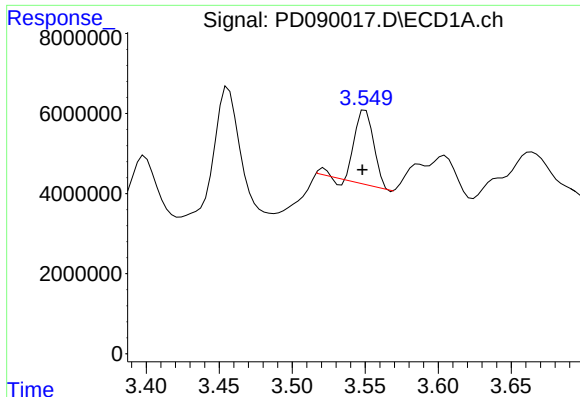
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
Data File : PD090017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 18:36
Operator : AR\AJ
Sample : Q2932-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 01:54:53 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

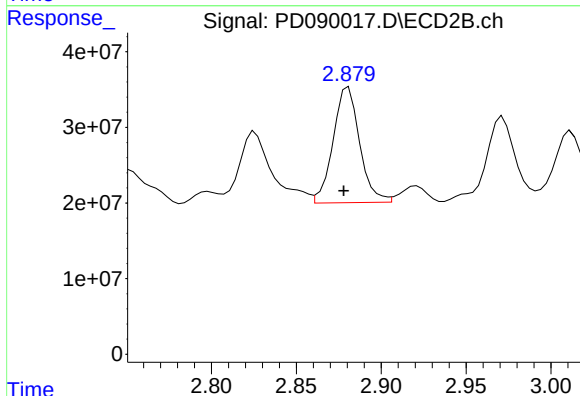




#1 Tetrachloro-m-xylene

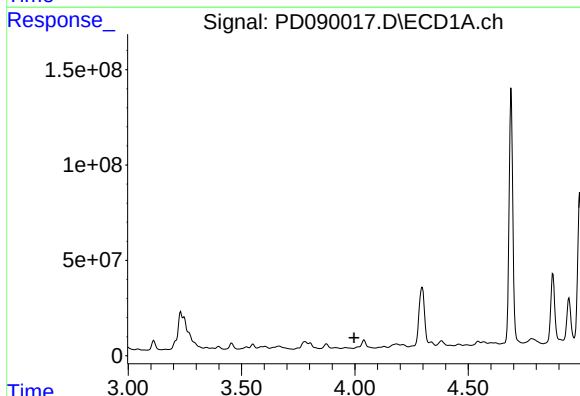
R.T.: 3.550 min
Delta R.T.: 0.002 min
Response: 16800988
Conc: 5.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



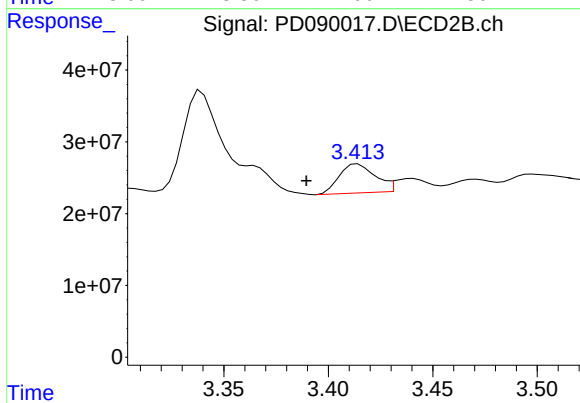
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.003 min
Response: 166191465
Conc: 7.54 ng/ml



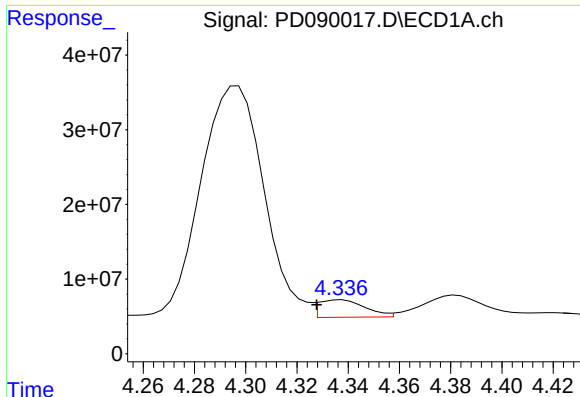
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.997 min
Response: 0
Conc: N.D.



#2 alpha-BHC

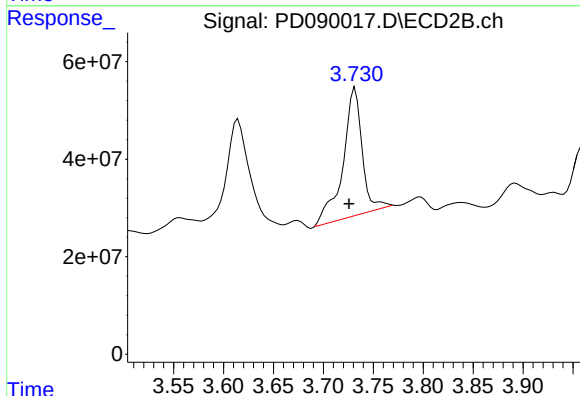
R.T.: 3.414 min
Delta R.T.: 0.025 min
Response: 48479082
Conc: 1.43 ng/ml



#3 gamma-BHC (Lindane)

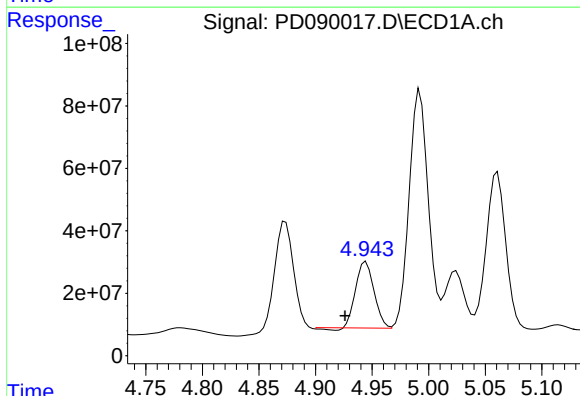
R.T.: 4.337 min
Delta R.T.: 0.010 min
Response: 29099951
Conc: 5.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



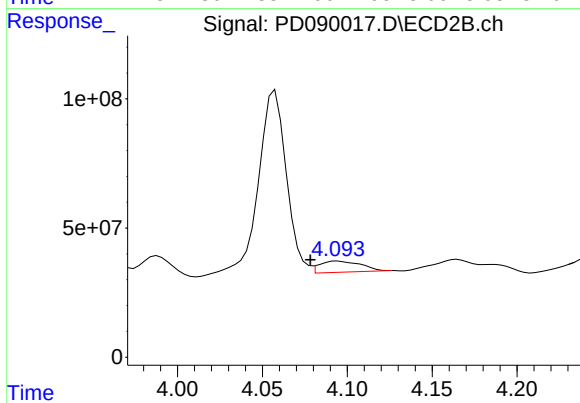
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.006 min
Response: 355292596
Conc: 11.40 ng/ml



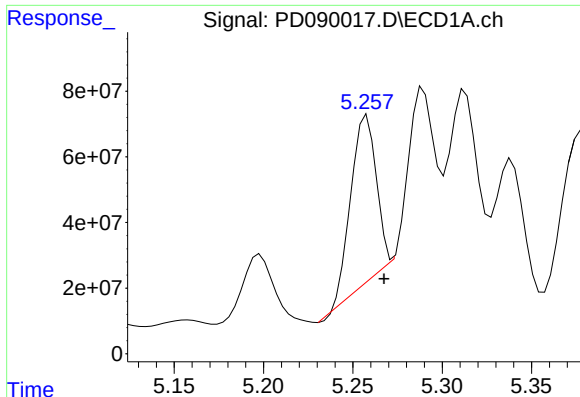
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.018 min
Response: 238199220
Conc: 42.47 ng/ml



#4 Heptachlor

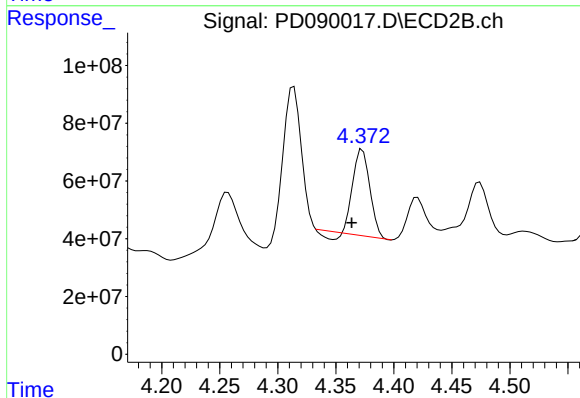
R.T.: 4.094 min
Delta R.T.: 0.016 min
Response: 75047222
Conc: 2.41 ng/ml



#5 Aldrin

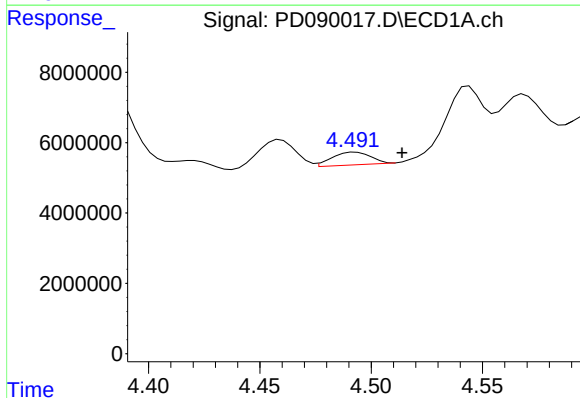
R.T.: 5.258 min
Delta R.T.: -0.010 min
Response: 493268893
Conc: 91.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



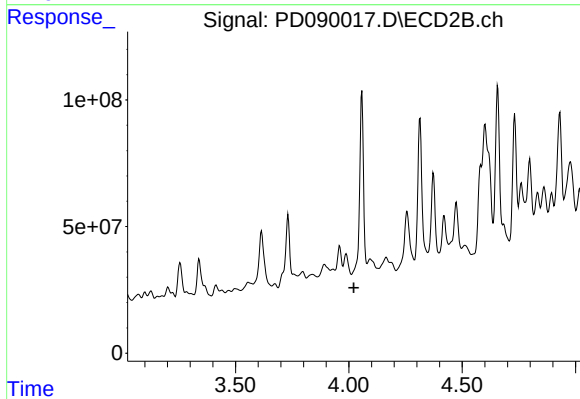
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.009 min
Response: 294860246
Conc: 9.68 ng/ml



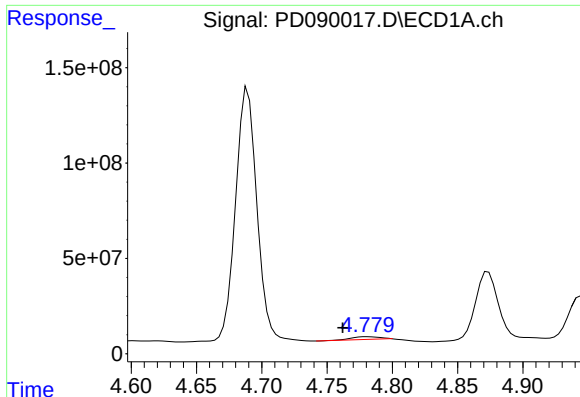
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.021 min
Response: 4391394
Conc: 1.96 ng/ml



#6 beta-BHC

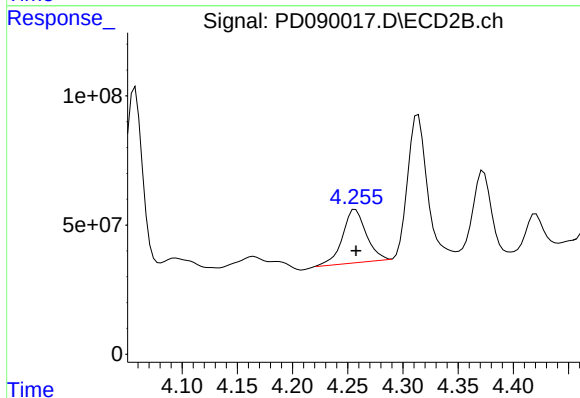
R.T.: 0.000 min
Exp R.T.: 4.021 min
Response: 0
Conc: N.D.



#7 delta-BHC

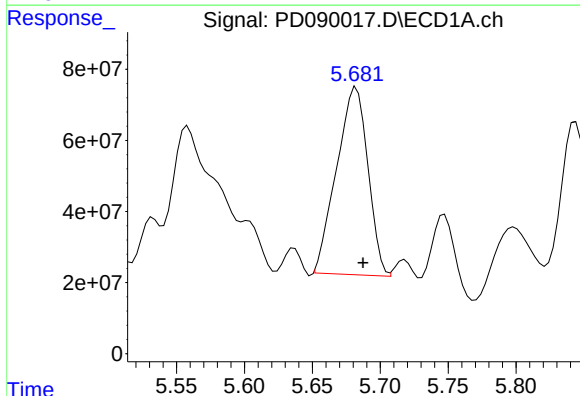
R.T.: 4.781 min
Delta R.T.: 0.019 min
Response: 21328106
Conc: 4.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



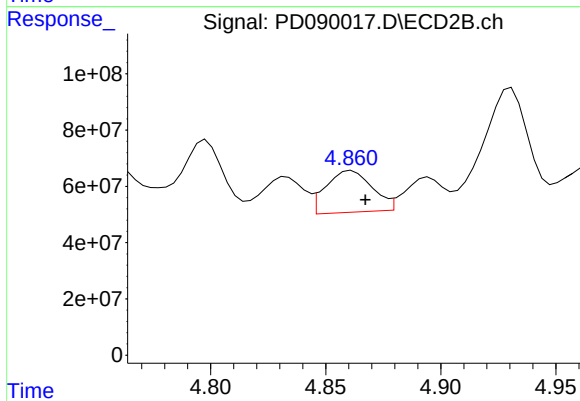
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 308475450
Conc: 9.78 ng/ml



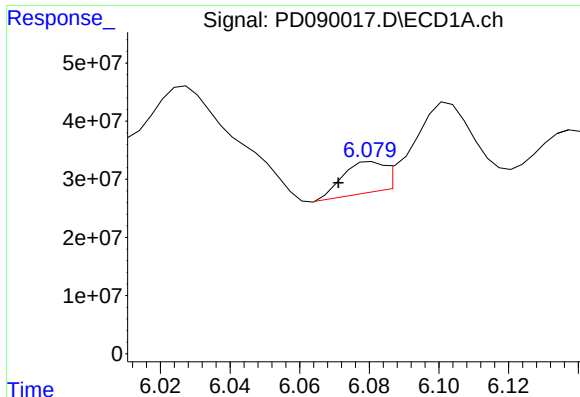
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.005 min
Response: 845980175
Conc: 172.41 ng/ml



#8 Heptachlor epoxide

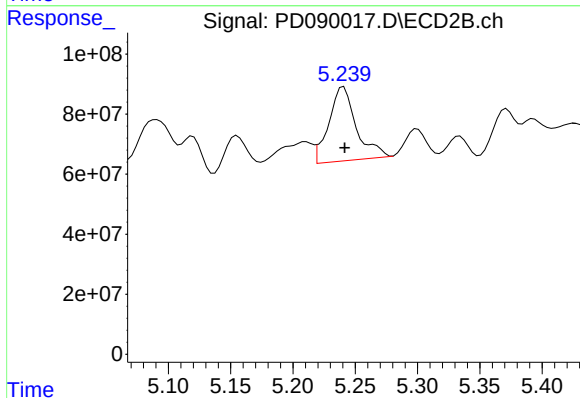
R.T.: 4.861 min
Delta R.T.: -0.006 min
Response: 206553691
Conc: 7.46 ng/ml



#9 Endosulfan I

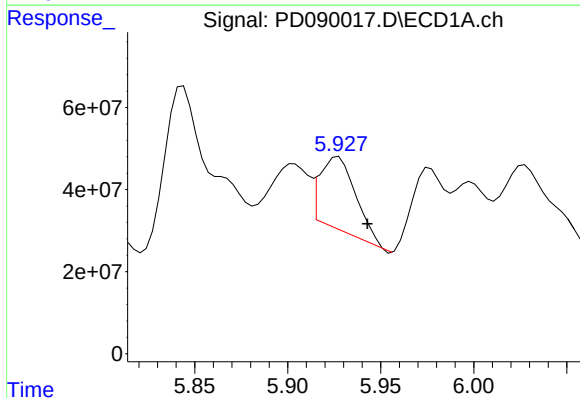
R.T.: 6.081 min
Delta R.T.: 0.010 min
Response: 43089548
Conc: 9.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



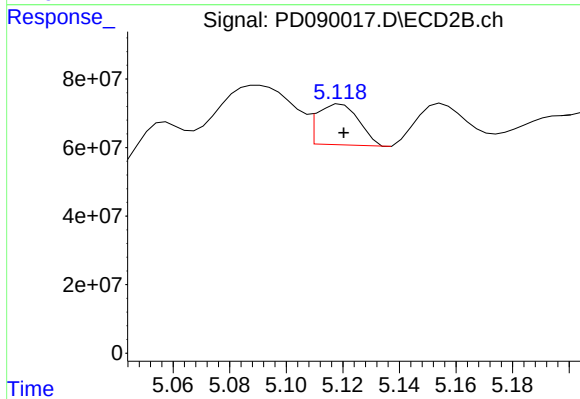
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 377144367
Conc: 14.38 ng/ml



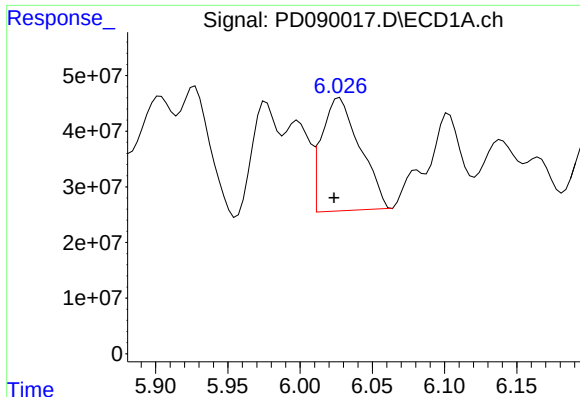
#10 gamma-Chlordane

R.T.: 5.927 min
Delta R.T.: -0.016 min
Response: 237437830
Conc: 48.55 ng/ml



#10 gamma-Chlordane

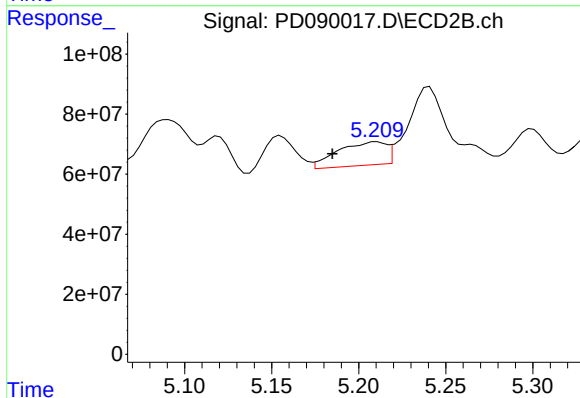
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 122639140
Conc: 4.14 ng/ml



#11 alpha-Chlordane

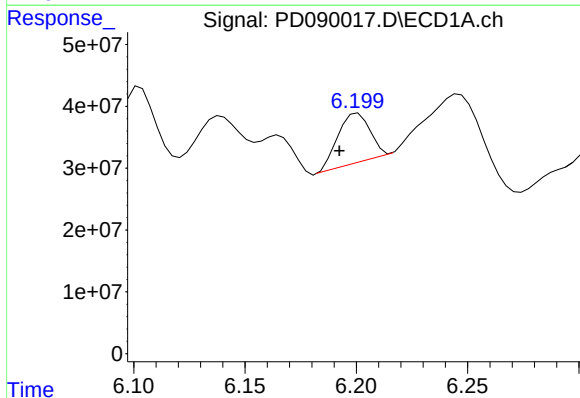
R.T.: 6.027 min
Delta R.T.: 0.004 min
Response: 373879284
Conc: 75.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



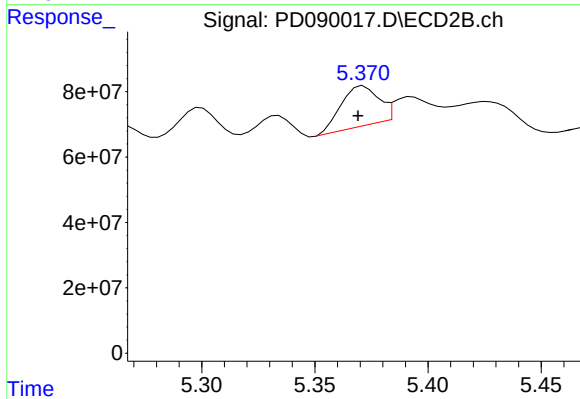
#11 alpha-Chlordane

R.T.: 5.210 min
Delta R.T.: 0.026 min
Response: 151640055
Conc: 5.31 ng/ml



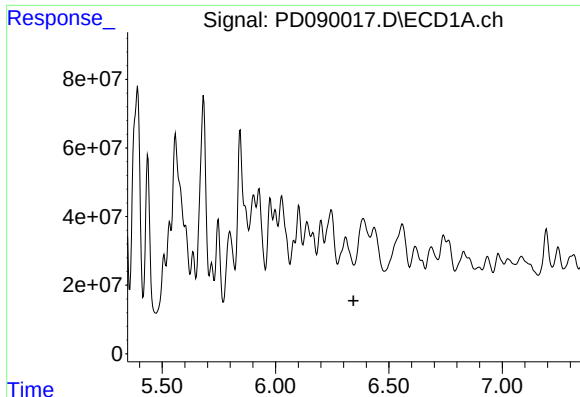
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.008 min
Response: 78757060
Conc: 17.95 ng/ml



#12 4,4'-DDE

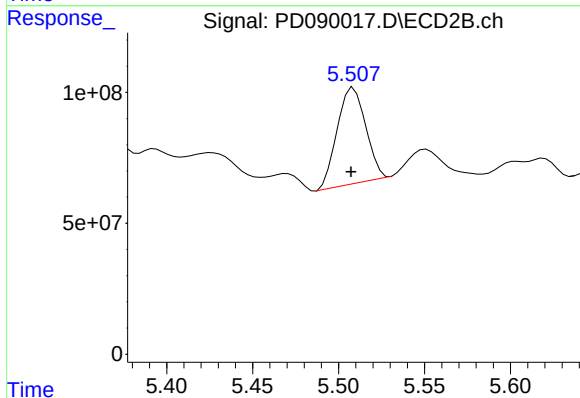
R.T.: 5.371 min
Delta R.T.: 0.002 min
Response: 138852711
Conc: 4.82 ng/ml



#13 Dieldrin

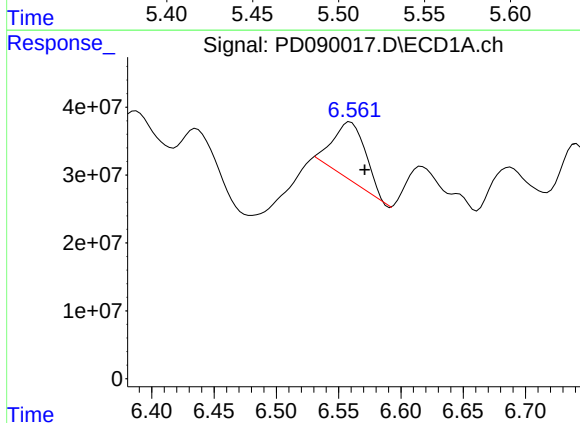
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



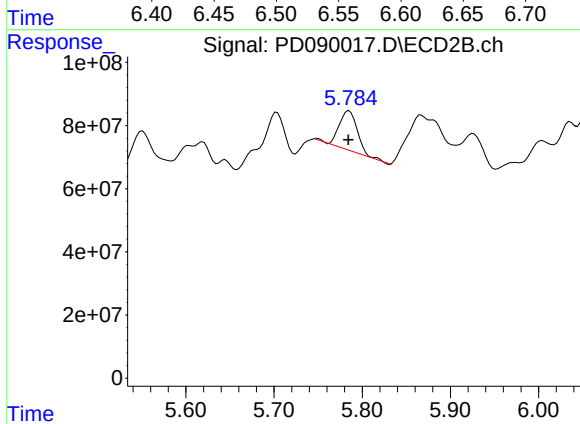
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.002 min
Response: 422397048
Conc: 14.42 ng/ml



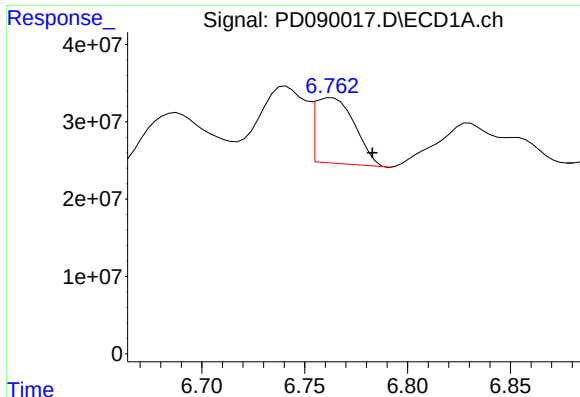
#14 Endrin

R.T.: 6.559 min
Delta R.T.: -0.012 min
Response: 155668683
Conc: 37.57 ng/ml



#14 Endrin

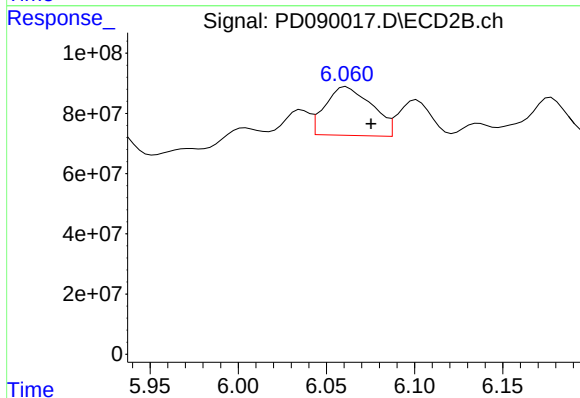
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 182300766
Conc: 6.85 ng/ml



#15 Endosulfan II

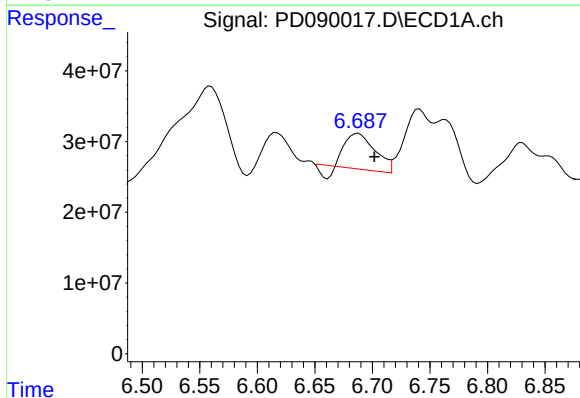
R.T.: 6.763 min
Delta R.T.: -0.020 min
Response: 113447327
Conc: 26.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



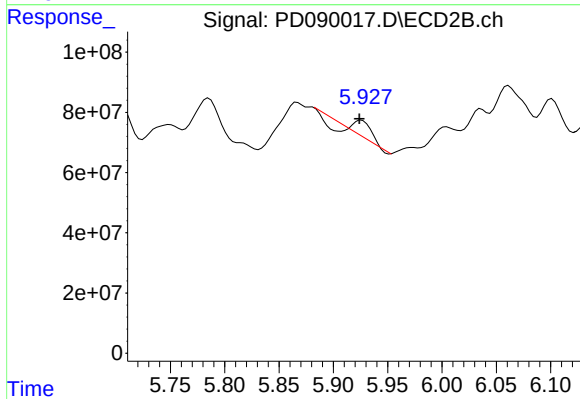
#15 Endosulfan II

R.T.: 6.061 min
Delta R.T.: -0.014 min
Response: 297462007
Conc: 11.76 ng/ml



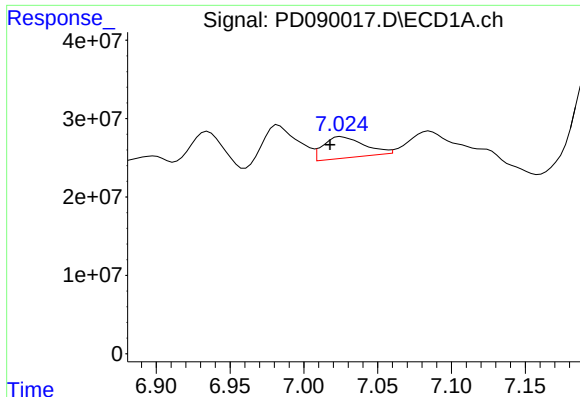
#16 4,4'-DDD

R.T.: 6.688 min
Delta R.T.: -0.014 min
Response: 82793595
Conc: 23.93 ng/ml



#16 4,4'-DDD

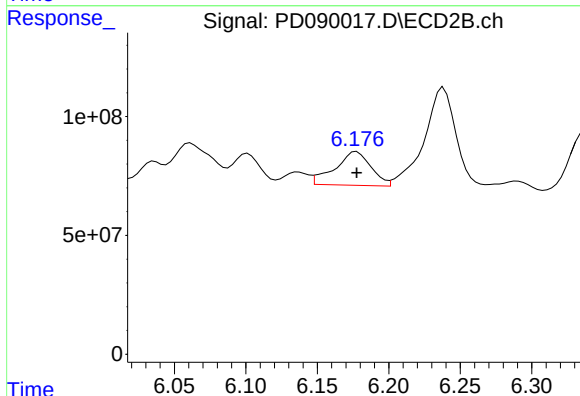
R.T.: 5.926 min
Delta R.T.: 0.002 min
Response: 20887458
Conc: 0.87 ng/ml



#17 4,4'-DDT

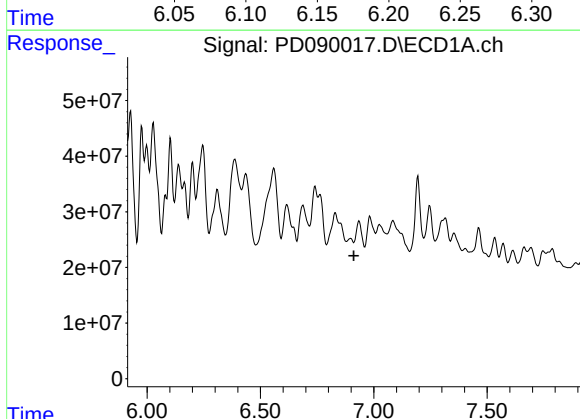
R.T.: 7.026 min
Delta R.T.: 0.008 min
Response: 52364323
Conc: 13.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



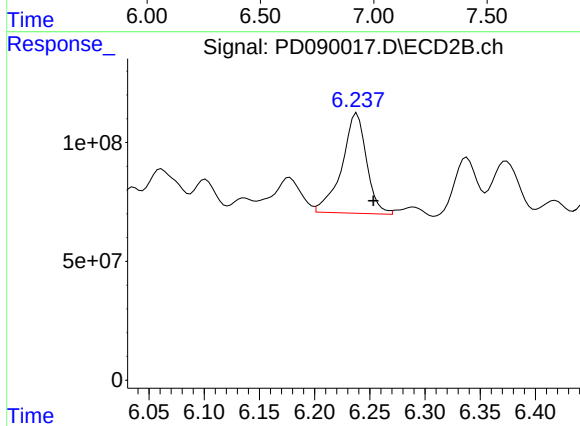
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 247888563
Conc: 9.89 ng/ml



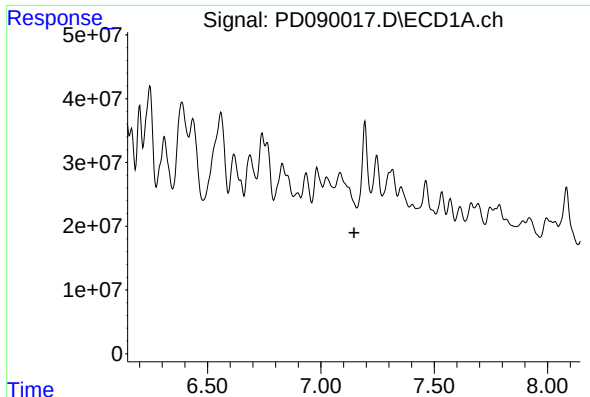
#18 Endrin aldehyde

R.T.: 6.898 min
Delta R.T.: -0.014 min
Response: -17667082
Conc: N.D.



#18 Endrin aldehyde

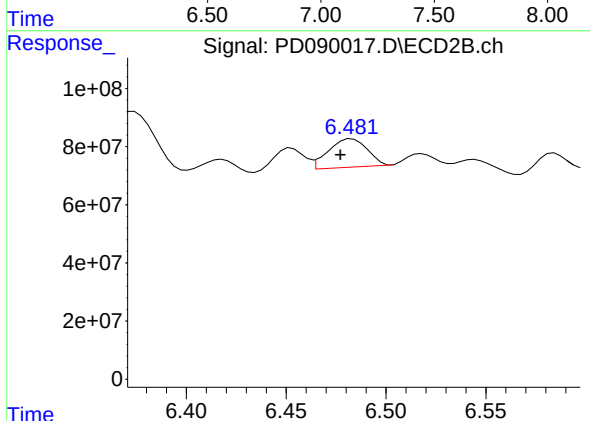
R.T.: 6.238 min
Delta R.T.: -0.015 min
Response: 656498167
Conc: 38.12 ng/ml



#19 Endosulfan Sulfate

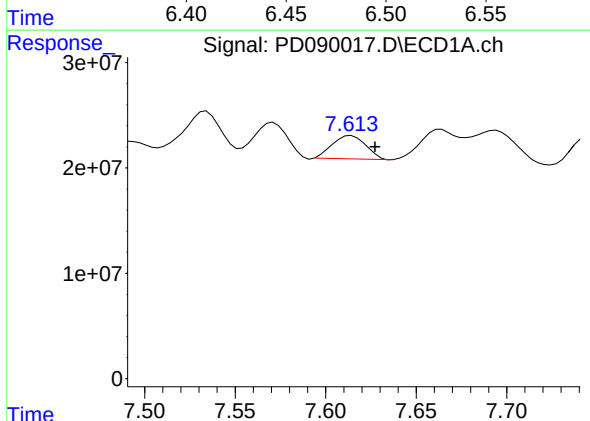
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



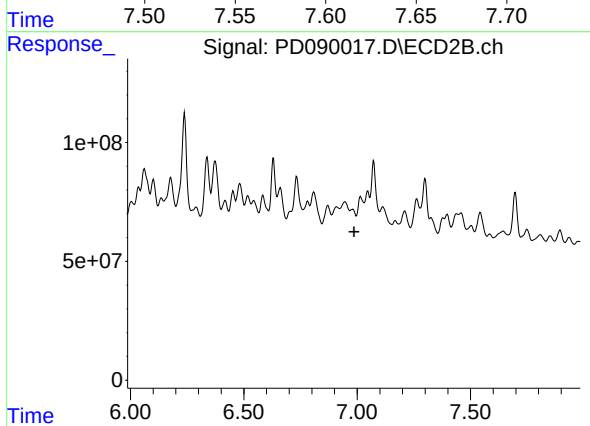
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: 0.006 min
Response: 132211622
Conc: 5.42 ng/ml



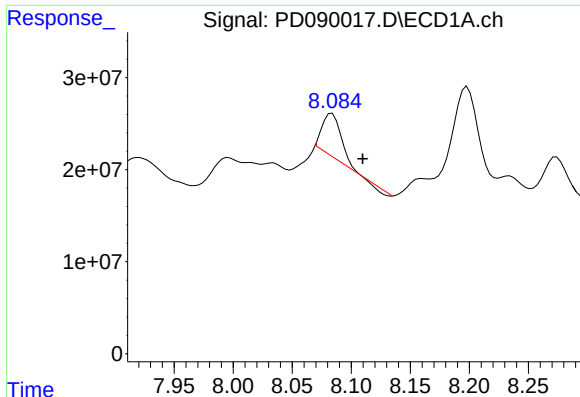
#21 Endrin ketone

R.T.: 7.614 min
Delta R.T.: -0.013 min
Response: 28478518
Conc: 6.87 ng/ml



#21 Endrin ketone

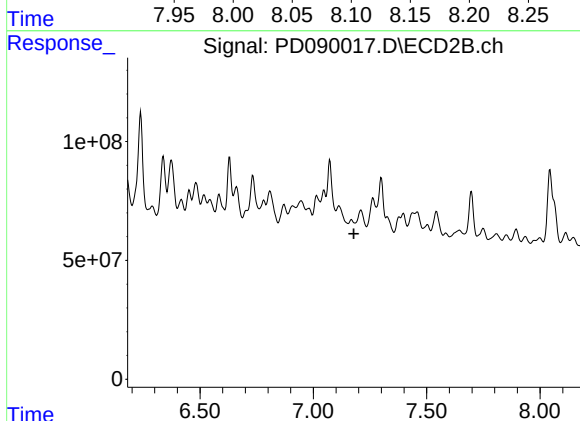
R.T.: 6.981 min
Delta R.T.: -0.006 min
Response: -3717616
Conc: N.D.



#22 Mirex

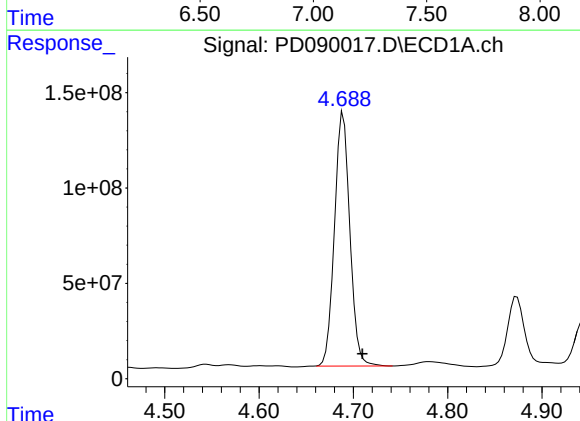
R.T.: 8.084 min
Delta R.T.: -0.026 min
Response: 50552181
Conc: 16.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



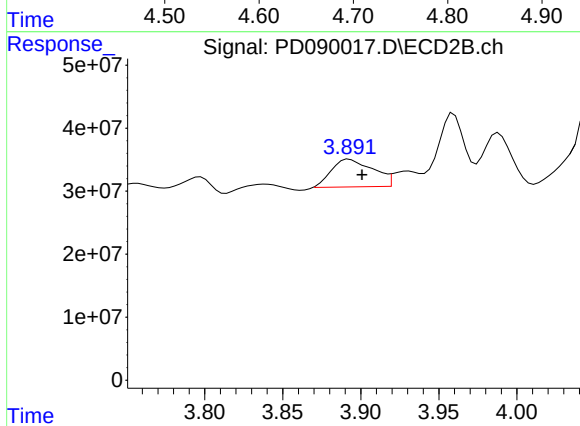
#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.011 min
Response: -22683054
Conc: N.D.



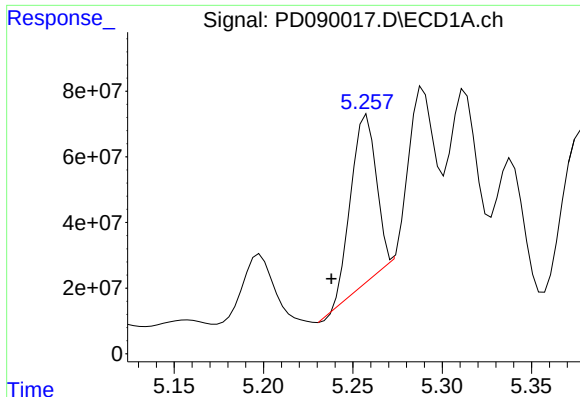
#23 Chlordane-1

R.T.: 4.689 min
Delta R.T.: -0.020 min
Response: 1509185328
Conc: 8787.31 ng/ml



#23 Chlordane-1

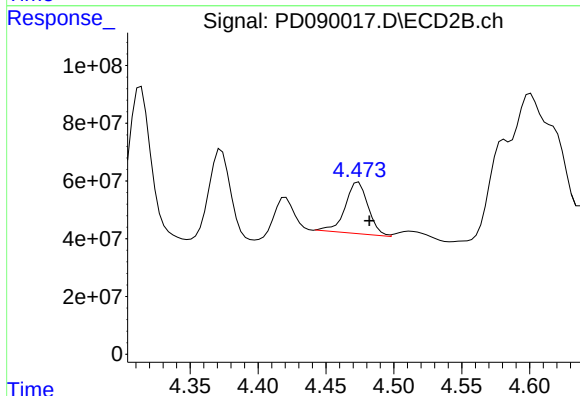
R.T.: 3.893 min
Delta R.T.: -0.008 min
Response: 81753092
Conc: 91.97 ng/ml



#24 Chlordane-2

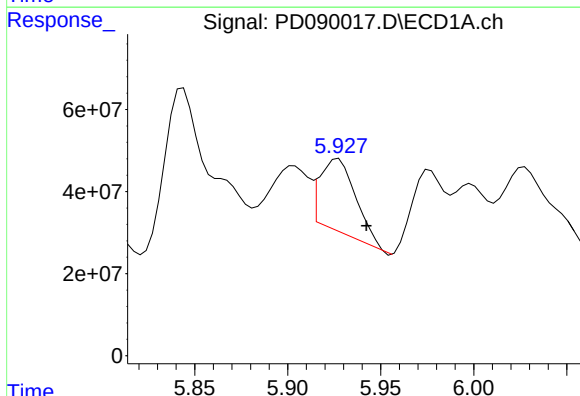
R.T.: 5.258 min
Delta R.T.: 0.020 min
Response: 493268893
Conc: 2802.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



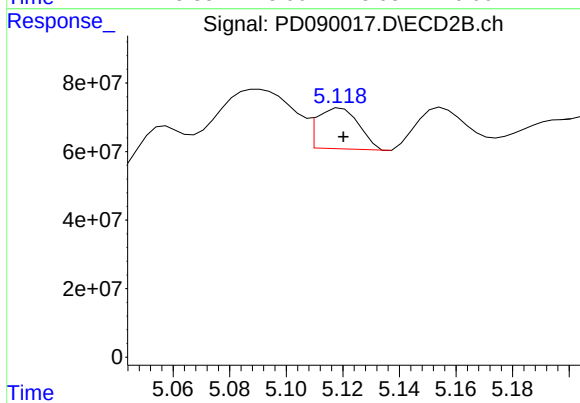
#24 Chlordane-2

R.T.: 4.474 min
Delta R.T.: -0.008 min
Response: 211615288
Conc: 220.90 ng/ml



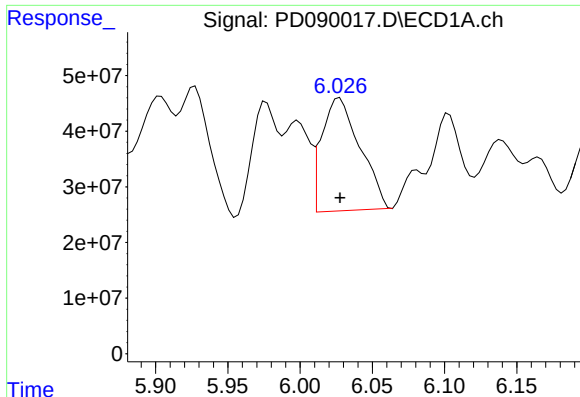
#25 Chlordane-3

R.T.: 5.927 min
Delta R.T.: -0.015 min
Response: 237437830
Conc: 350.10 ng/ml



#25 Chlordane-3

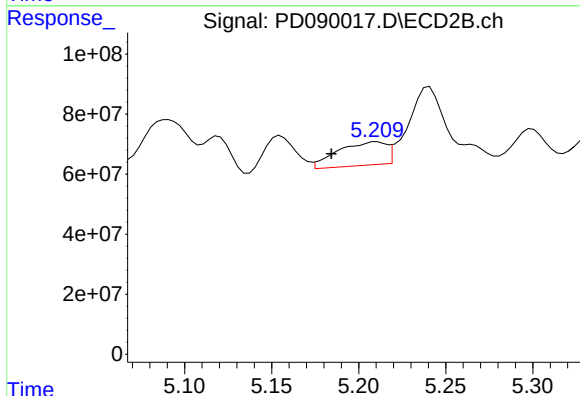
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 122639140
Conc: 44.26 ng/ml



#26 Chlordane-4

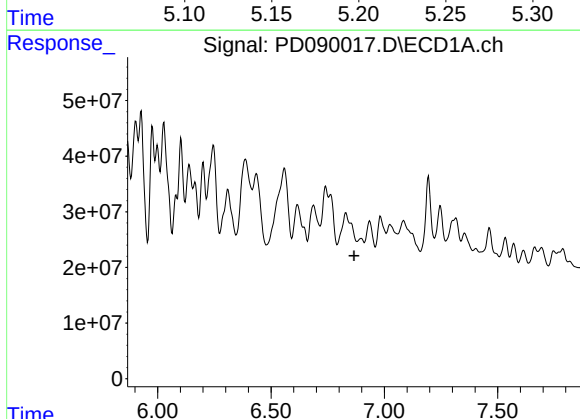
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 373879284
Conc: 450.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



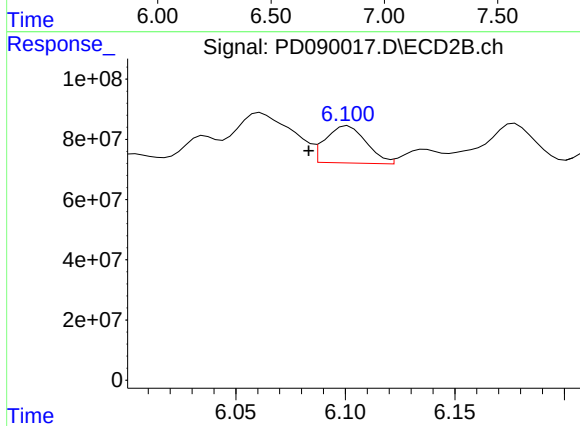
#26 Chlordane-4

R.T.: 5.210 min
Delta R.T.: 0.026 min
Response: 151640055
Conc: 63.00 ng/ml



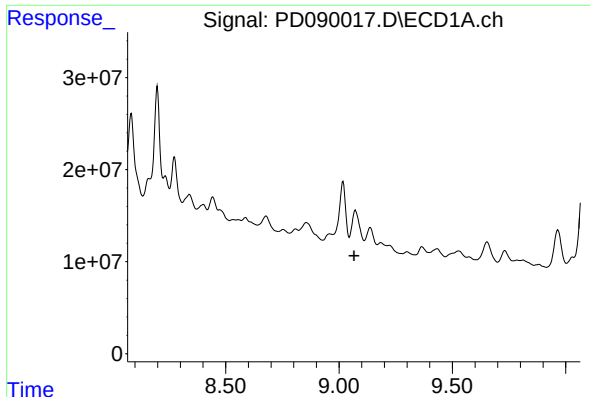
#27 Chlordane-5

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



#27 Chlordane-5

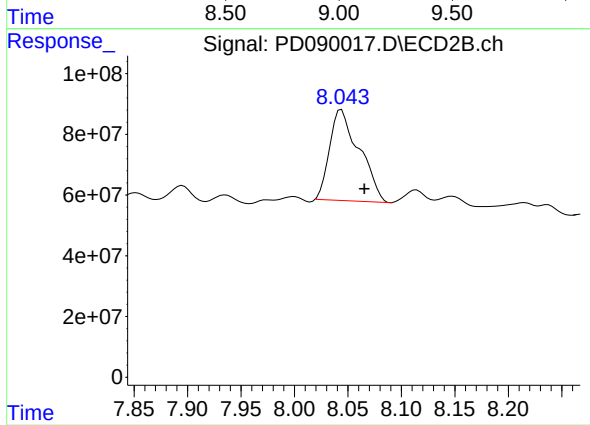
R.T.: 6.101 min
Delta R.T.: 0.018 min
Response: 159814217
Conc: 145.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.005 min
Response: -24627702
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ARS20-0002-SOIL



#28 Decachlorobiphenyl

R.T.: 8.044 min
Delta R.T.: -0.021 min
Response: 578270220
Conc: 22.34 ng/ml