

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
 Data File : PL053512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 12:33
 Operator : SG\AJ
 Sample : K5111-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 00:59:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	4.046	176.4E6	42770816	16.276	17.092
28)	SA Decachlor...	8.331	9.123	174.7E6	50551137	17.803	17.951
Target Compounds							
2)	A alpha-BHC	3.986	4.436	34067142	6575063	1.954	1.902
3)	MA gamma-BHC...	4.273	4.721	25441942	5460011	1.634	1.695
4)	MA Heptachlor	4.580	5.231	28113239	7123202	1.781	2.211
5)	MB Aldrin	4.832	5.537	24199766	6122291	1.693	2.053
6)	B beta-BHC	4.524	4.891	12163795	3359765	1.846	2.175
7)	B delta-BHC	4.731	5.108	20814692	5856606	1.367	1.939 #
8)	B Heptachlo...	5.279	5.924	25246886	7176762	1.870	2.461 #
9)	A Endosulfan I	5.621	6.279	23285211	5855388	1.894	2.160
10)	B gamma-Chl...	5.507	6.157	27860694	6002042	2.042	2.057
11)	B alpha-Chl...	5.566	6.230	25408664	6176557	1.910	2.116
12)	B 4,4'-DDE	5.729	6.386	21335833	5654764	1.796	2.008
13)	MA Dieldrin	5.865	6.536	22199330	5972254	1.703	2.093
14)	MA Endrin	6.124	6.755	19543491	4662321	1.686	1.921
15)	B Endosulfa...	6.397	6.963	20402655	5713179	1.825	2.237
16)	A 4,4'-DDD	6.247	6.875	15582708	4140757	1.751	1.987
17)	MA 4,4'-DDT	6.489	7.174	16141739	4668380	1.629	2.019
18)	B Endrin al...	6.565	7.088	17938568	4979476	1.956	2.267
19)	B Endosulfa...	6.779	7.310	20183525	5445696	1.984	2.219
20)	A Methoxychlor	0.000	7.632	0	2626127	N.D.	2.022 #
21)	B Endrin ke...	7.272	7.781	21261227	5962848	1.975	2.313
22)	Mirex	7.468	8.236	19344013	4602972	2.262	2.275
24)	Chlordane-2	0.000	5.537f	0	6122291	N.D.	62.331 #
25)	Chlordane-3	5.507	6.157	27860694	6002042	24.170	16.434 #
26)	Chlordane-4	5.566	6.230	25408664	6176557	27.104	13.758 #
27)	Chlordane-5	6.397	0.000	20402655	0	55.814	N.D. #

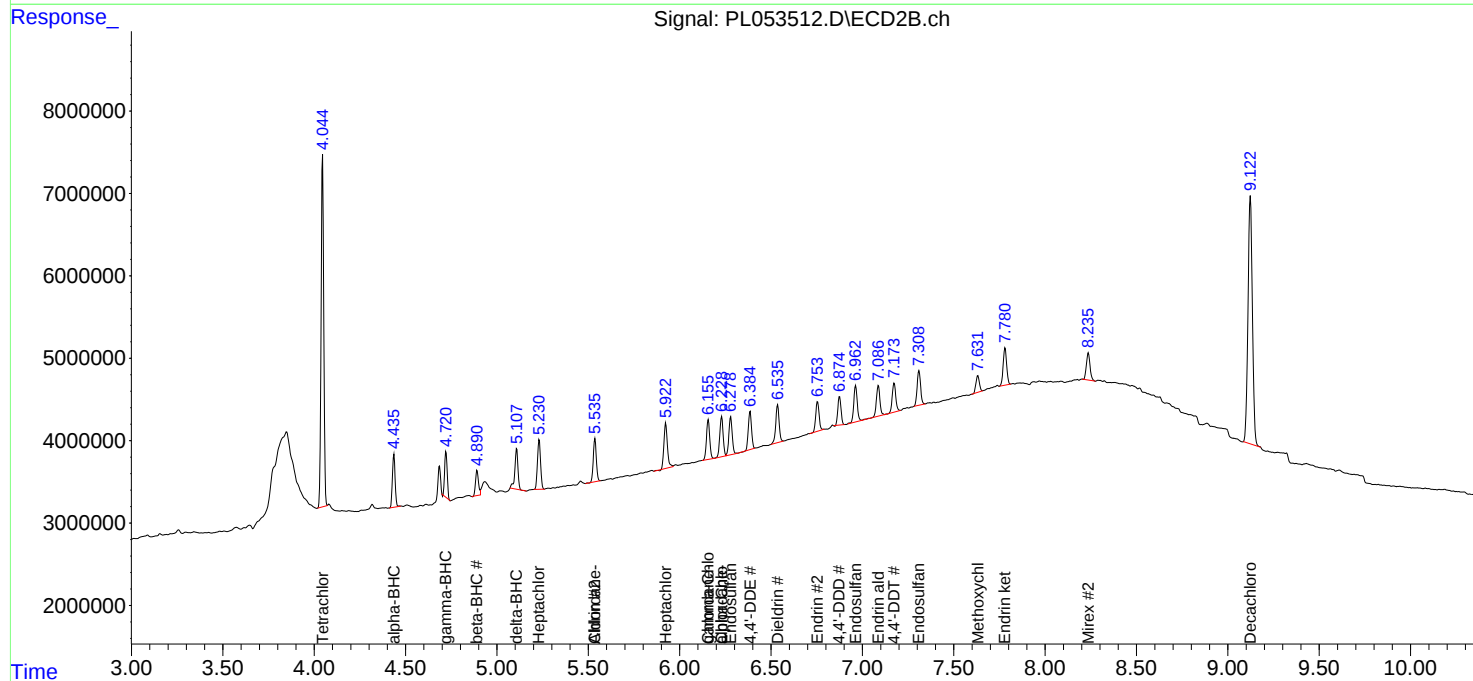
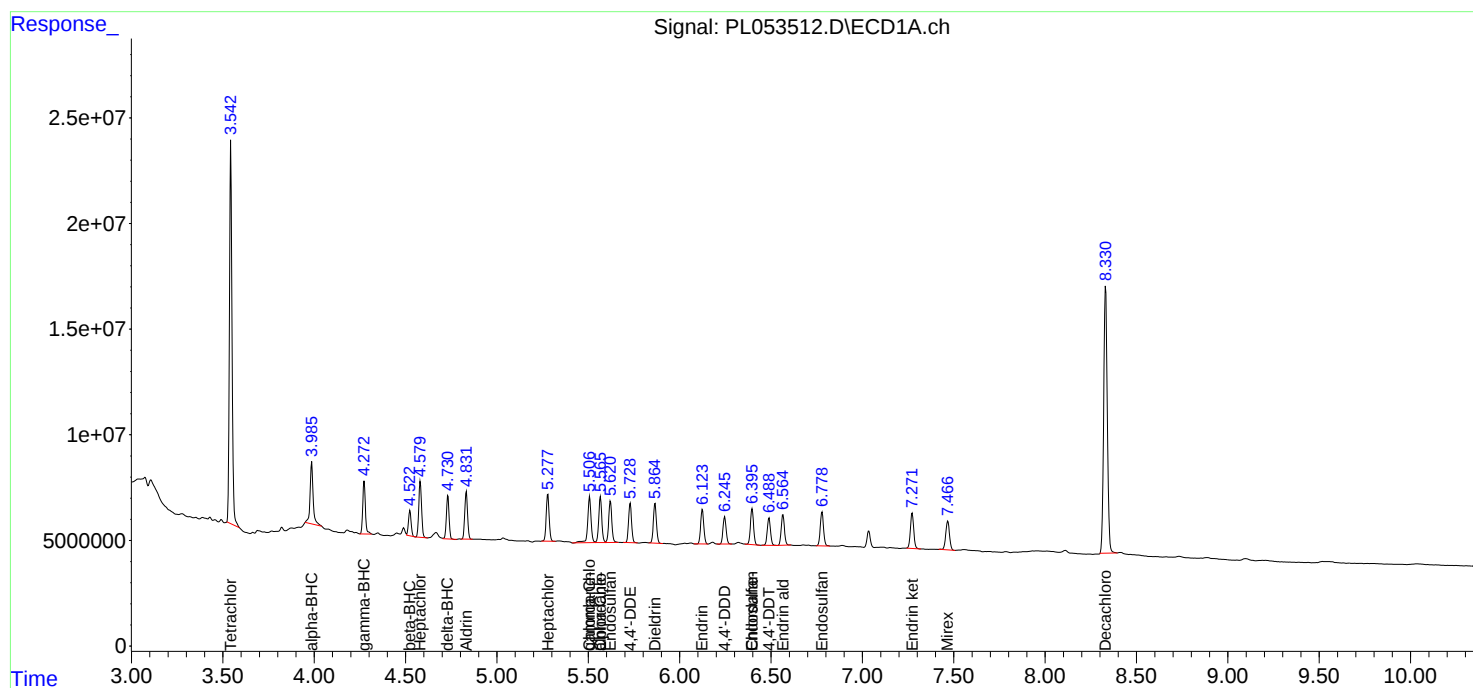
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

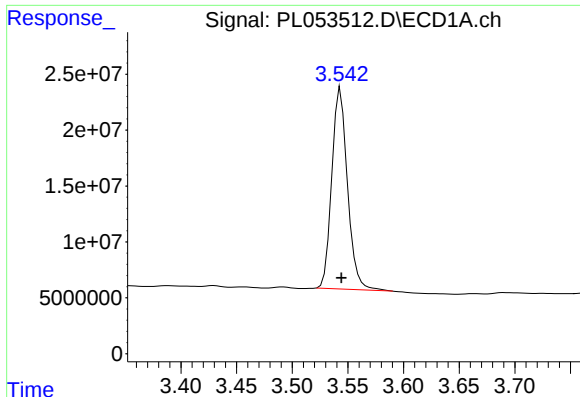
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
Data File : PL053512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 12:33
Operator : SG\AJ
Sample : K5111-07
Misc : PEST LOD 2.5 PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 00:59:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

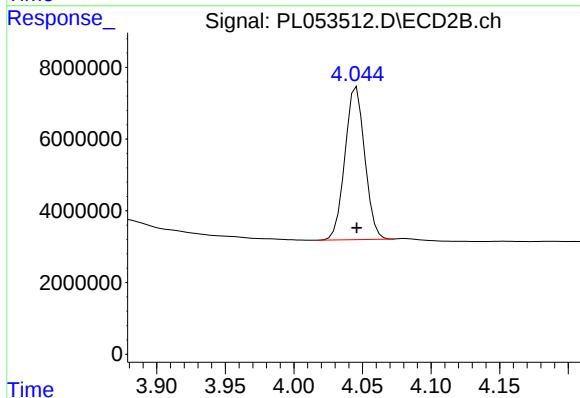




#1 Tetrachloro-m-xylene

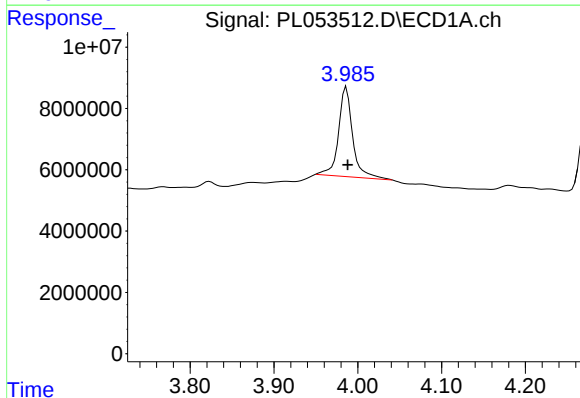
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 176418950
Conc: 16.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



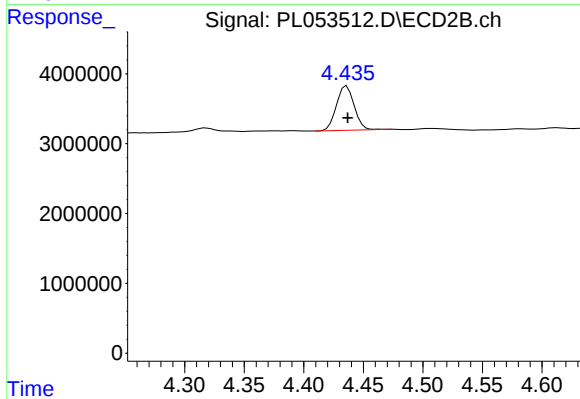
#1 Tetrachloro-m-xylene

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 42770816
Conc: 17.09 ng/ml



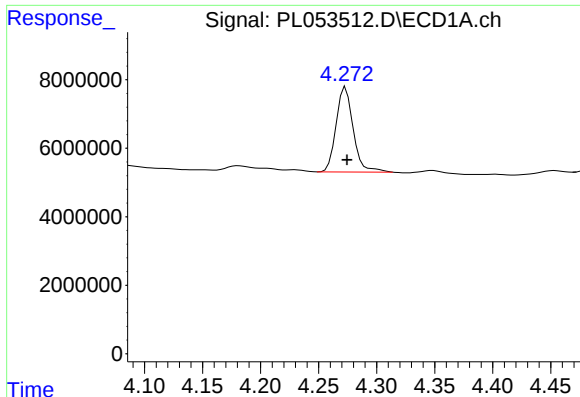
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 34067142
Conc: 1.95 ng/ml



#2 alpha-BHC

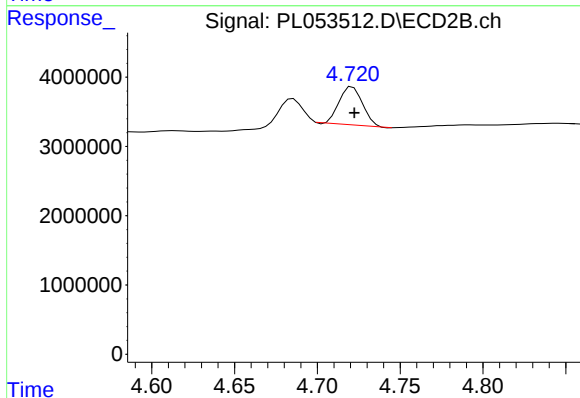
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 6575063
Conc: 1.90 ng/ml



#3 gamma-BHC (Lindane)

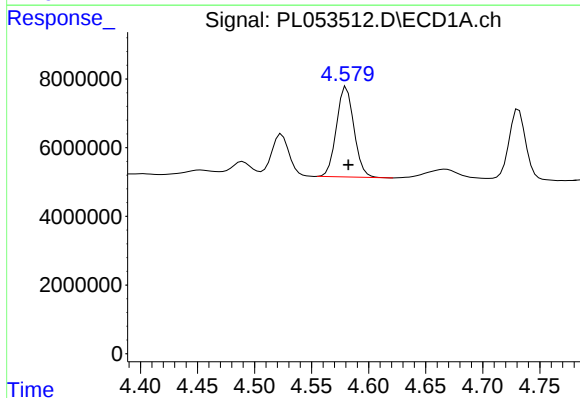
R.T.: 4.273 min
Delta R.T.: -0.001 min
Response: 25441942
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



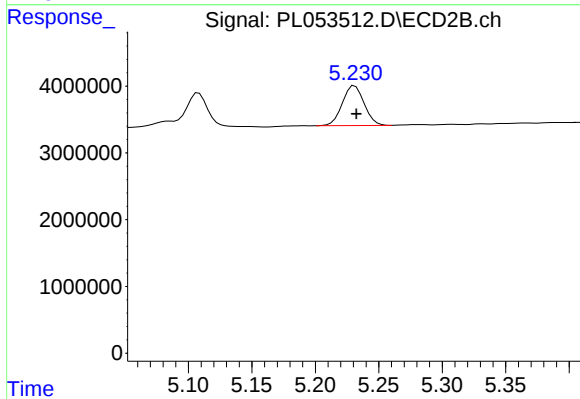
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 5460011
Conc: 1.70 ng/ml



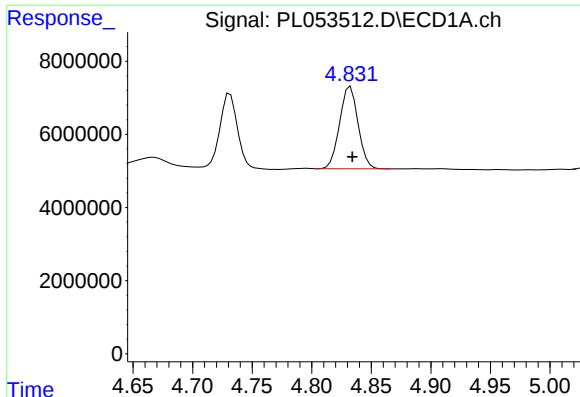
#4 Heptachlor

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 28113239
Conc: 1.78 ng/ml



#4 Heptachlor

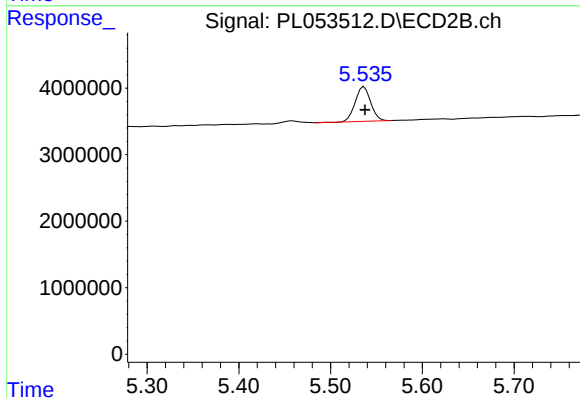
R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 7123202
Conc: 2.21 ng/ml



#5 Aldrin

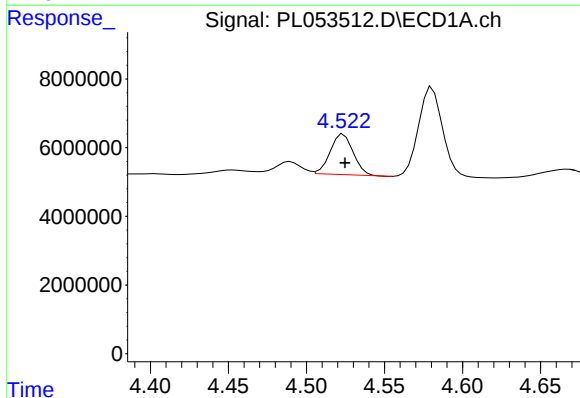
R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 24199766
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



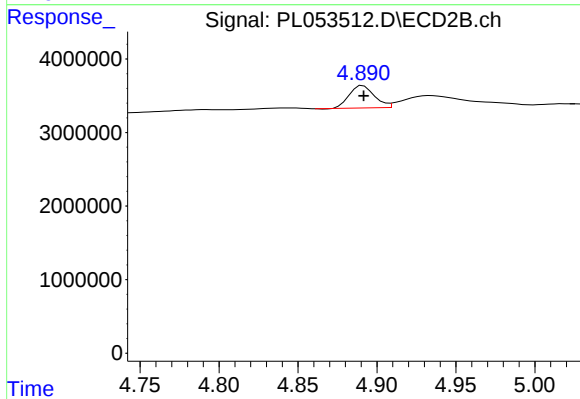
#5 Aldrin

R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 6122291
Conc: 2.05 ng/ml



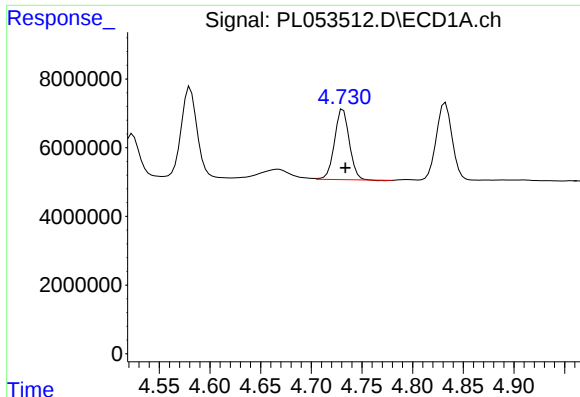
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 12163795
Conc: 1.85 ng/ml



#6 beta-BHC

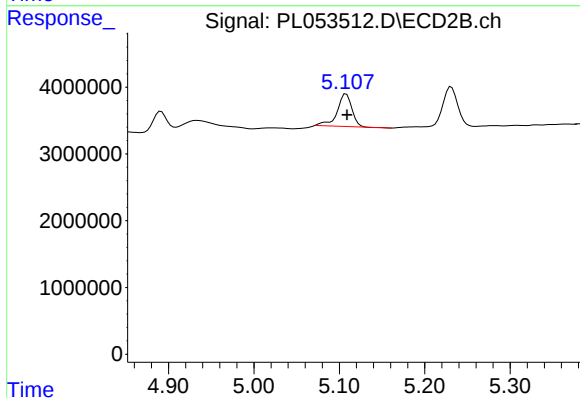
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 3359765
Conc: 2.18 ng/ml



#7 delta-BHC

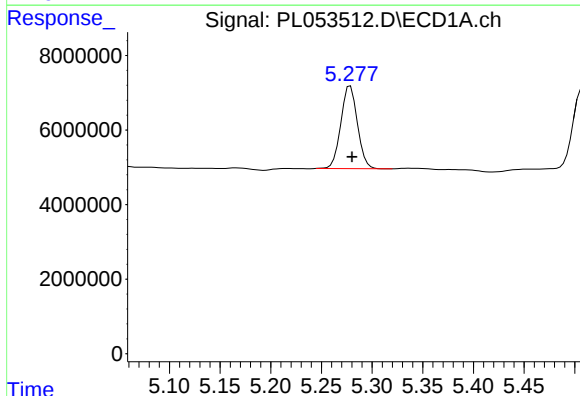
R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 20814692
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



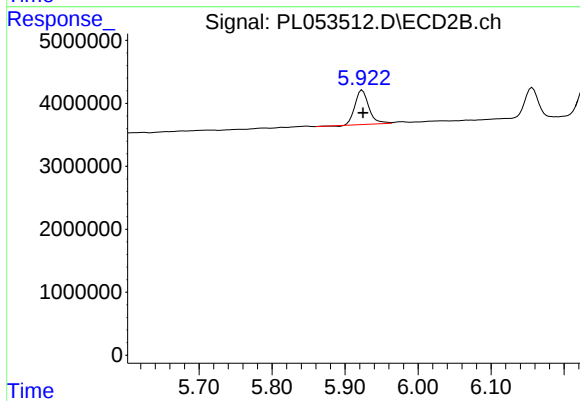
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 5856606
Conc: 1.94 ng/ml



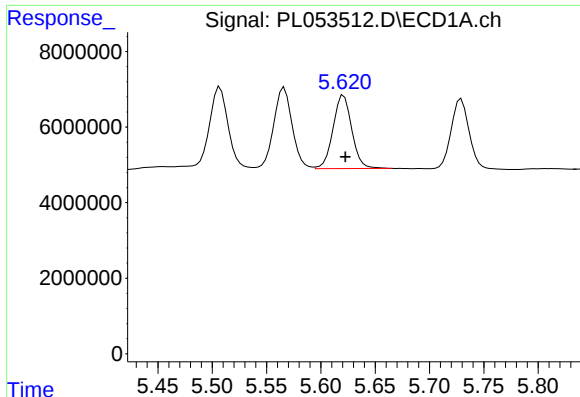
#8 Heptachlor epoxide

R.T.: 5.279 min
Delta R.T.: -0.002 min
Response: 25246886
Conc: 1.87 ng/ml



#8 Heptachlor epoxide

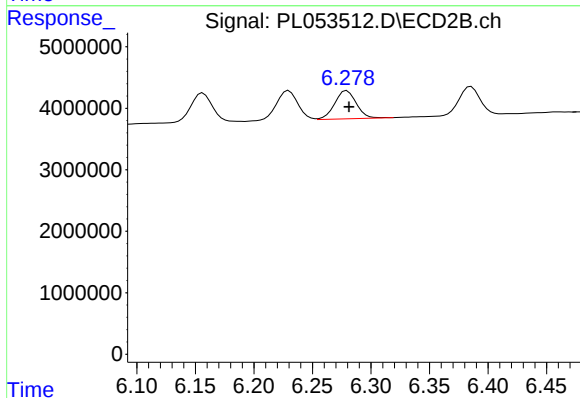
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 7176762
Conc: 2.46 ng/ml



#9 Endosulfan I

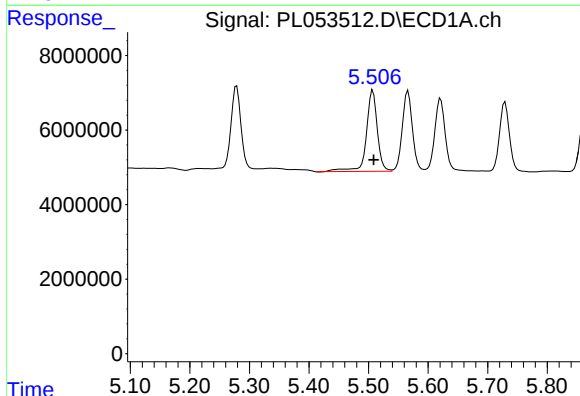
R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 23285211
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



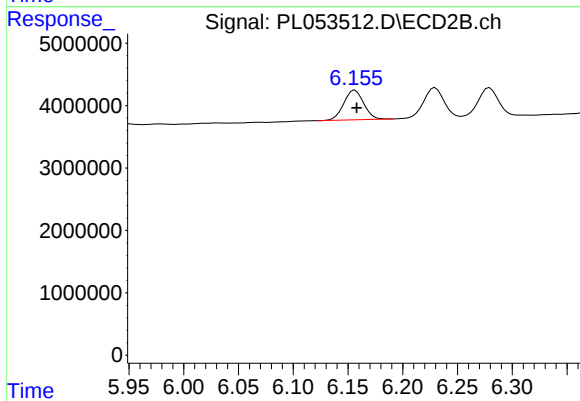
#9 Endosulfan I

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 5855388
Conc: 2.16 ng/ml



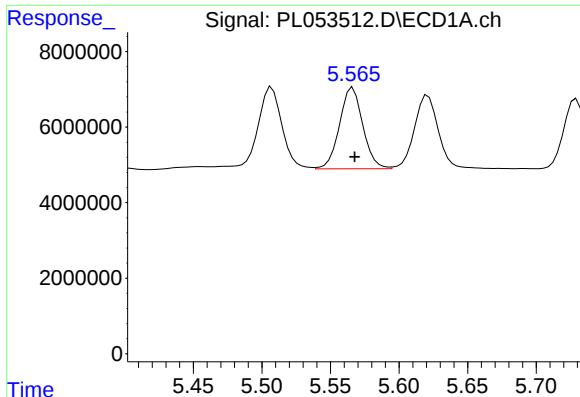
#10 gamma-Chlordane

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 27860694
Conc: 2.04 ng/ml



#10 gamma-Chlordane

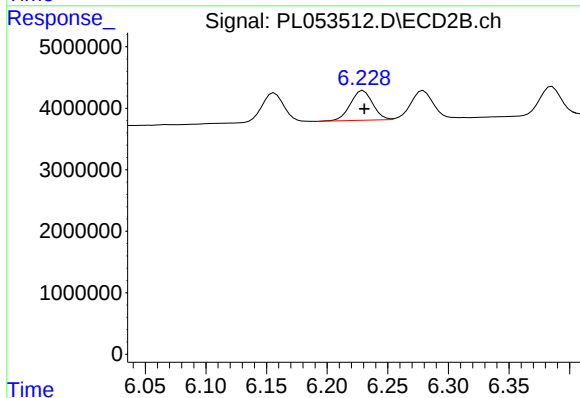
R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 6002042
Conc: 2.06 ng/ml



#11 alpha-Chlordane

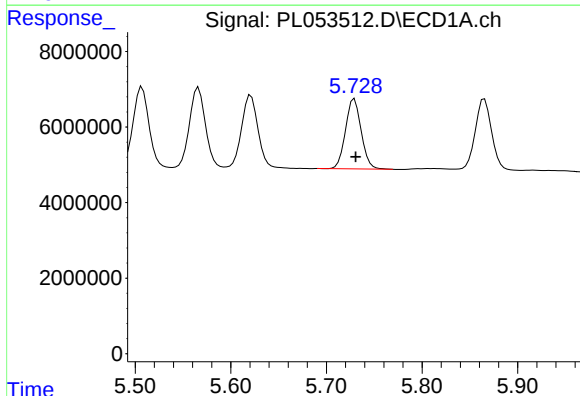
R.T.: 5.566 min
Delta R.T.: -0.001 min
Response: 25408664
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



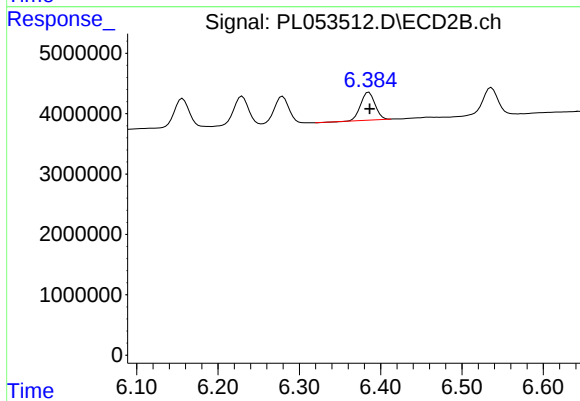
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 6176557
Conc: 2.12 ng/ml



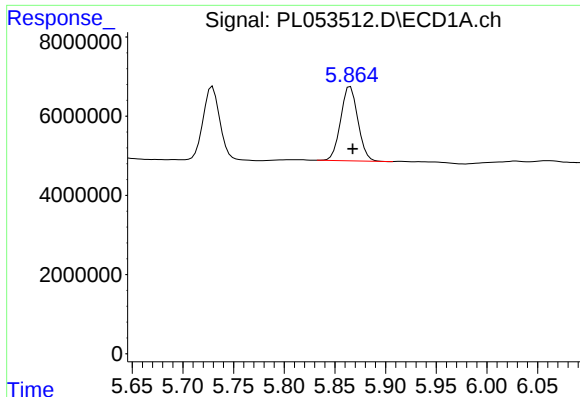
#12 4,4'-DDE

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 21335833
Conc: 1.80 ng/ml



#12 4,4'-DDE

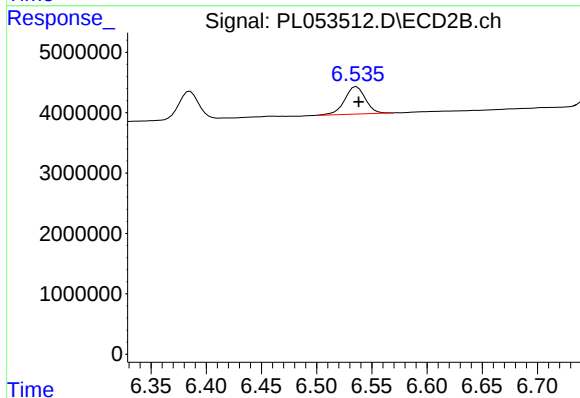
R.T.: 6.386 min
Delta R.T.: -0.001 min
Response: 5654764
Conc: 2.01 ng/ml



#13 Dieldrin

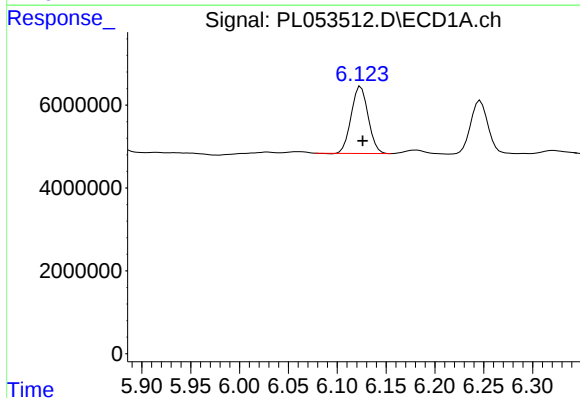
R.T.: 5.865 min
Delta R.T.: -0.002 min
Response: 22199330
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



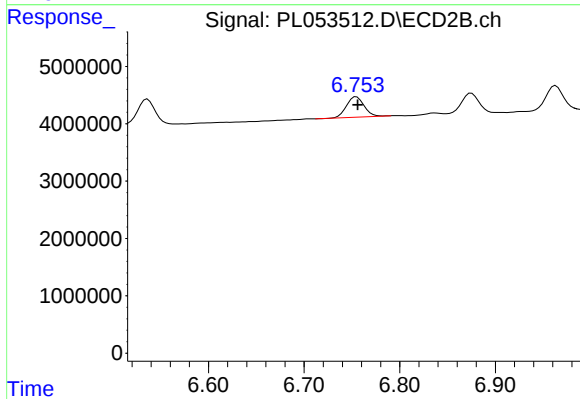
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 5972254
Conc: 2.09 ng/ml



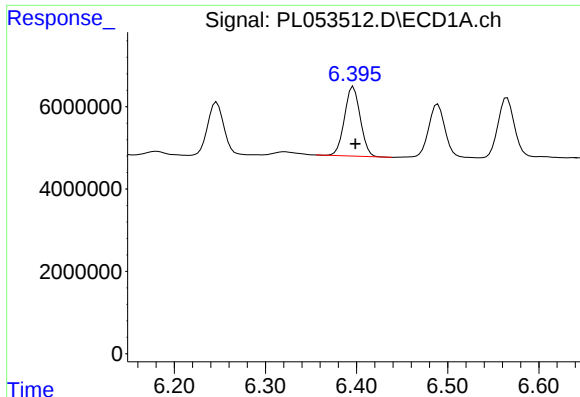
#14 Endrin

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 19543491
Conc: 1.69 ng/ml



#14 Endrin

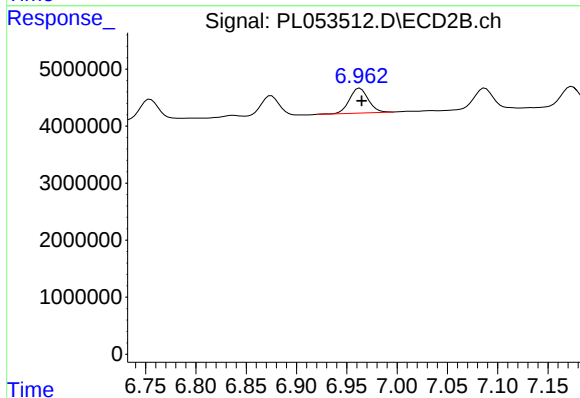
R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 4662321
Conc: 1.92 ng/ml



#15 Endosulfan II

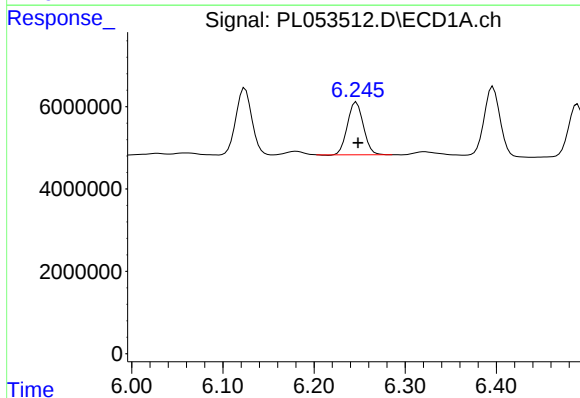
R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 20402655
Conc: 1.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



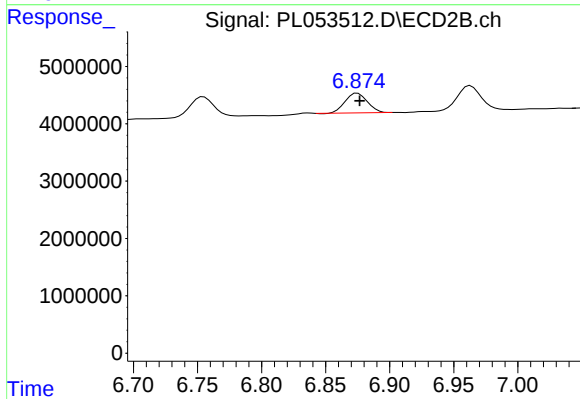
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 5713179
Conc: 2.24 ng/ml



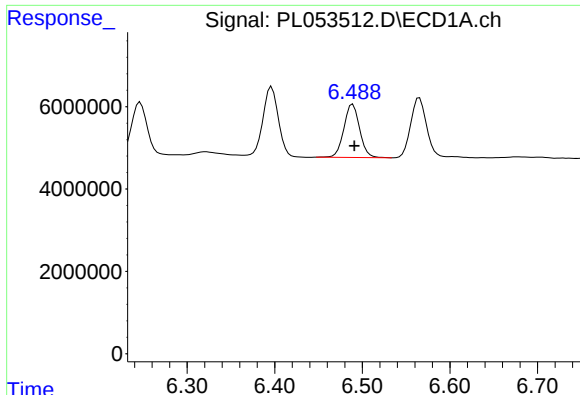
#16 4,4'-DDD

R.T.: 6.247 min
Delta R.T.: -0.002 min
Response: 15582708
Conc: 1.75 ng/ml



#16 4,4'-DDD

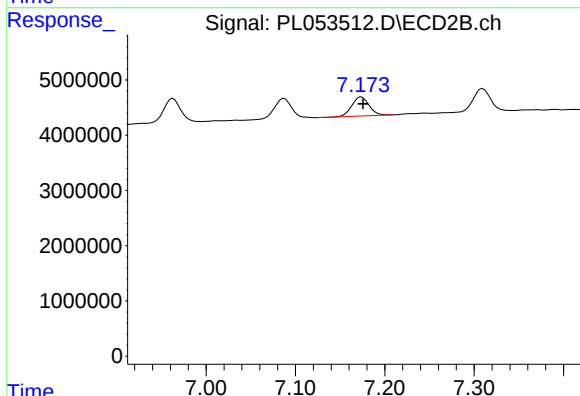
R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 4140757
Conc: 1.99 ng/ml



#17 4,4'-DDT

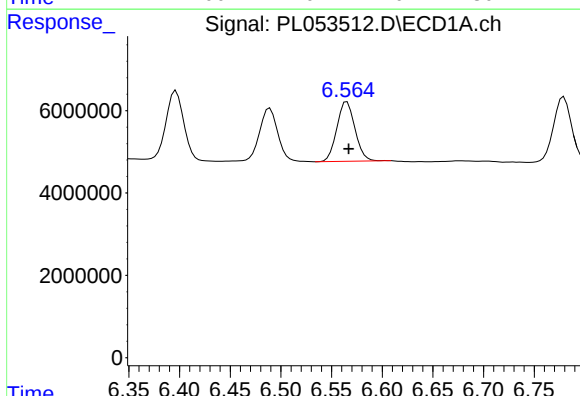
R.T.: 6.489 min
Delta R.T.: -0.002 min
Response: 16141739
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



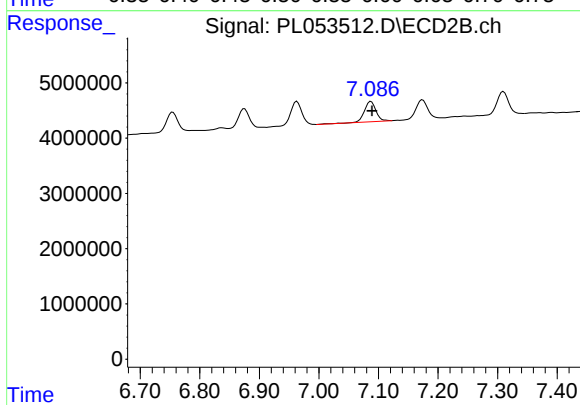
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 4668380
Conc: 2.02 ng/ml



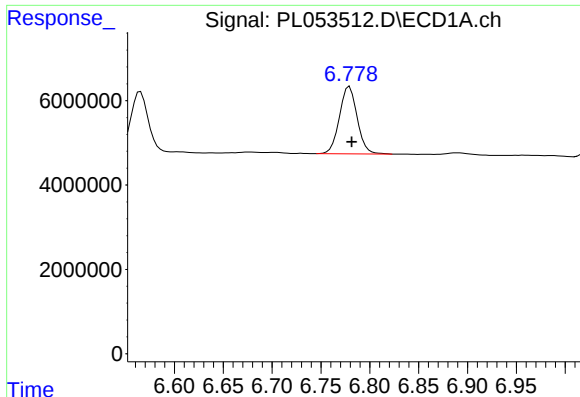
#18 Endrin aldehyde

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 17938568
Conc: 1.96 ng/ml



#18 Endrin aldehyde

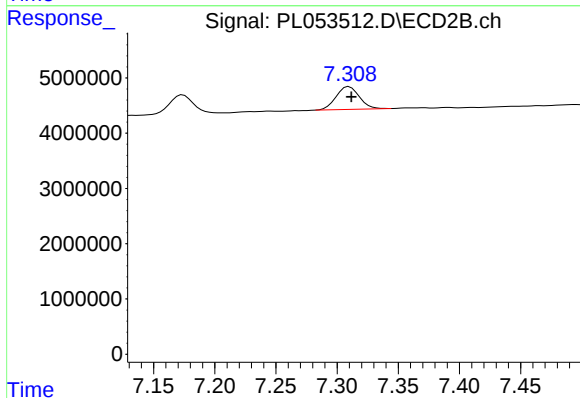
R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 4979476
Conc: 2.27 ng/ml



#19 Endosulfan Sulfate

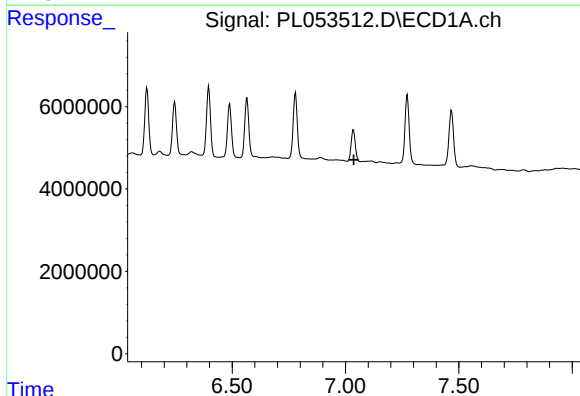
R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 20183525
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



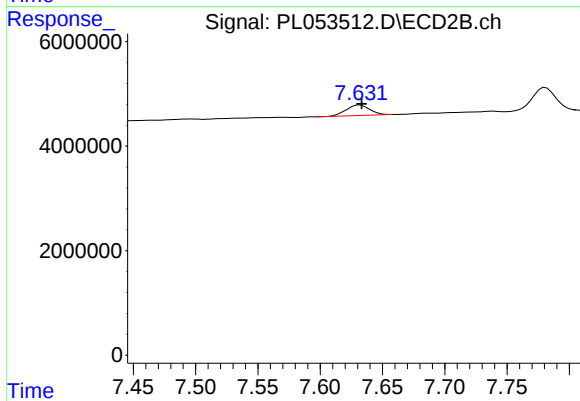
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 5445696
Conc: 2.22 ng/ml



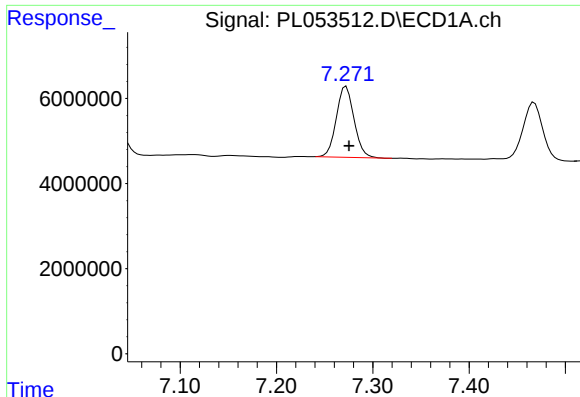
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#20 Methoxychlor

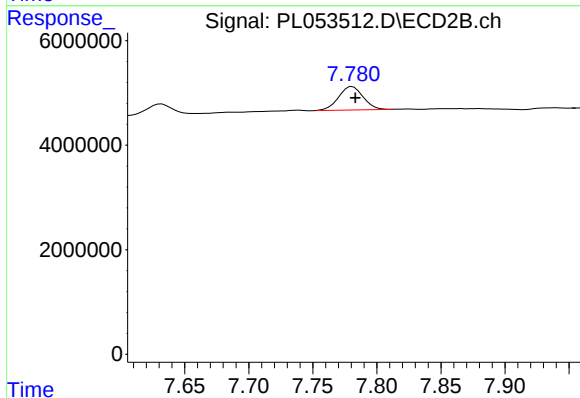
R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 2626127
Conc: 2.02 ng/ml



#21 Endrin ketone

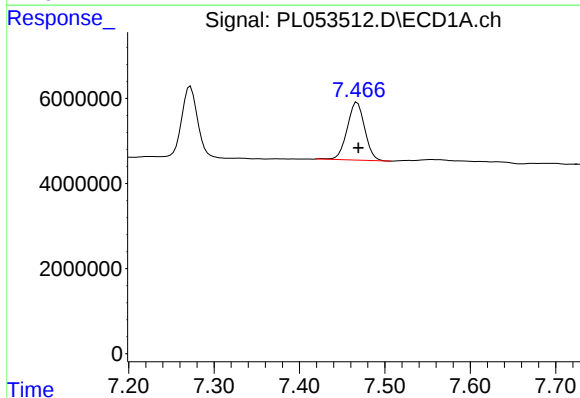
R.T.: 7.272 min
Delta R.T.: -0.003 min
Response: 21261227
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



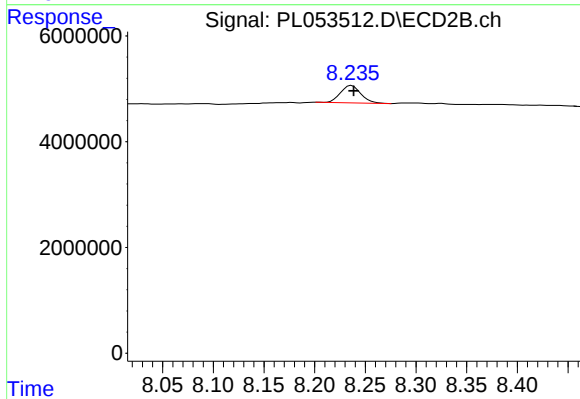
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 5962848
Conc: 2.31 ng/ml



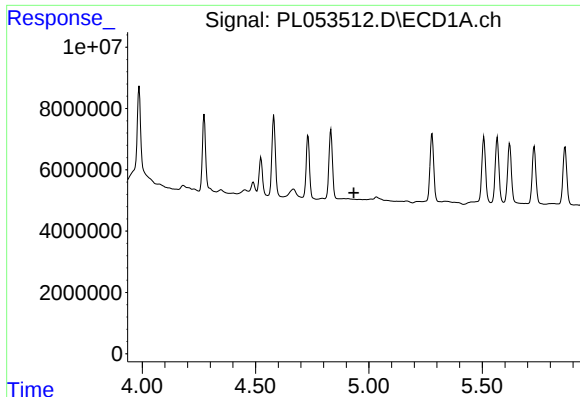
#22 Mirex

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 19344013
Conc: 2.26 ng/ml



#22 Mirex

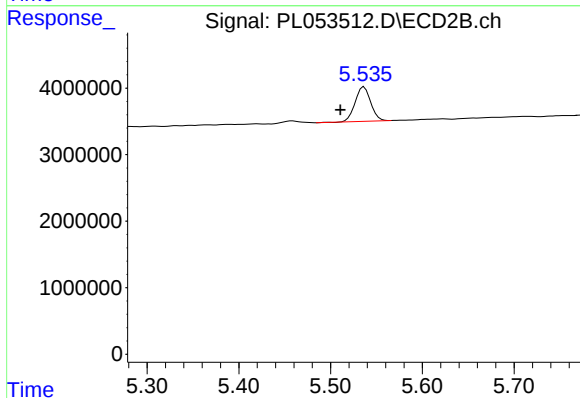
R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 4602972
Conc: 2.28 ng/ml



#24 Chlordane-2

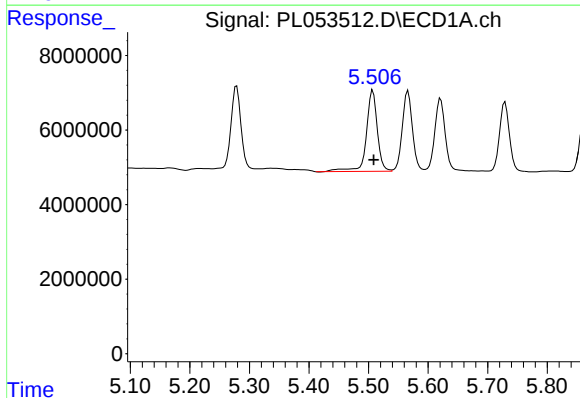
R.T.: 0.000 min
Exp R.T.: 4.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



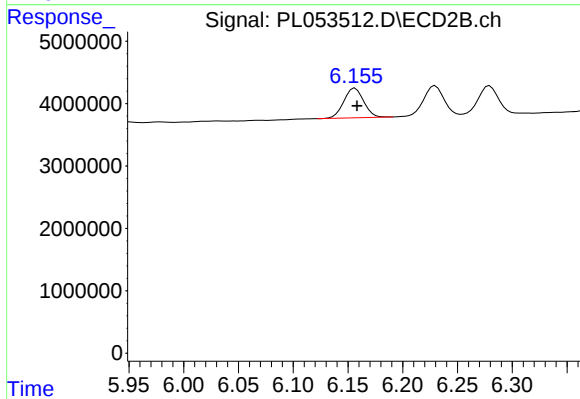
#24 Chlordane-2

R.T.: 5.537 min
Delta R.T.: 0.026 min
Response: 6122291
Conc: 62.33 ng/ml



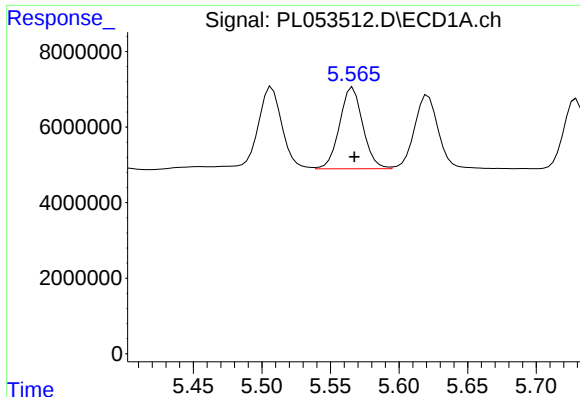
#25 Chlordane-3

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 27860694
Conc: 24.17 ng/ml



#25 Chlordane-3

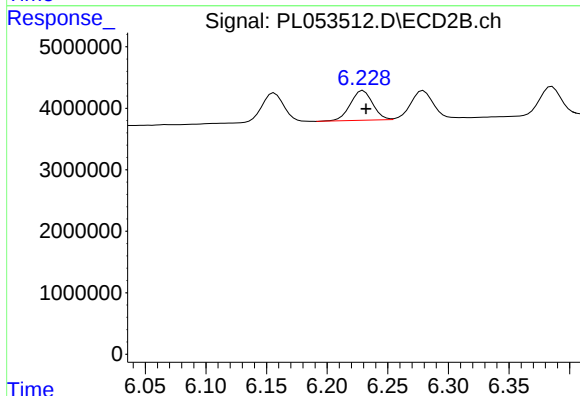
R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 6002042
Conc: 16.43 ng/ml



#26 Chlordane-4

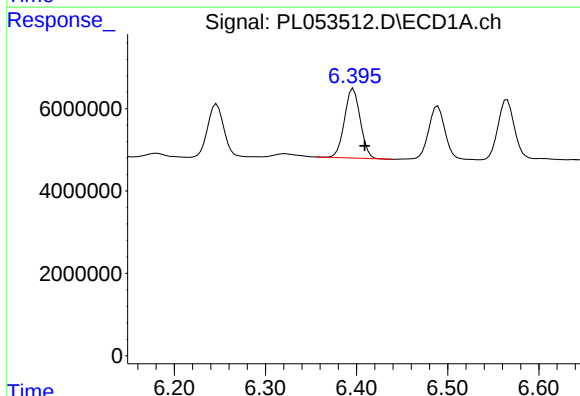
R.T.: 5.566 min
Delta R.T.: -0.001 min
Response: 25408664
Conc: 27.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



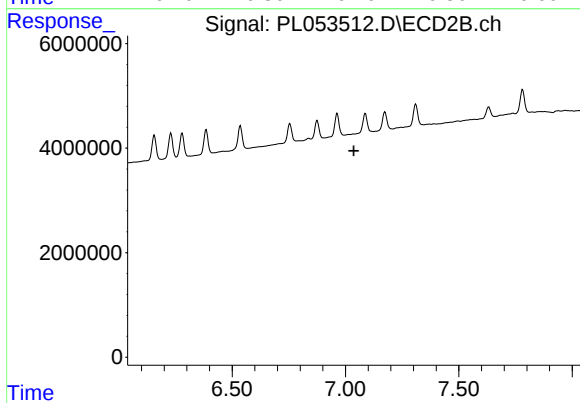
#26 Chlordane-4

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 6176557
Conc: 13.76 ng/ml



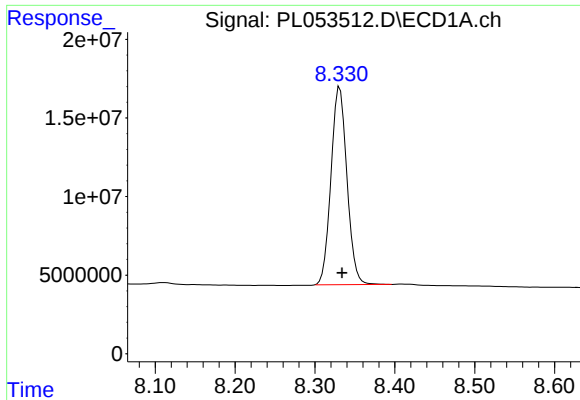
#27 Chlordane-5

R.T.: 6.397 min
Delta R.T.: -0.012 min
Response: 20402655
Conc: 55.81 ng/ml



#27 Chlordane-5

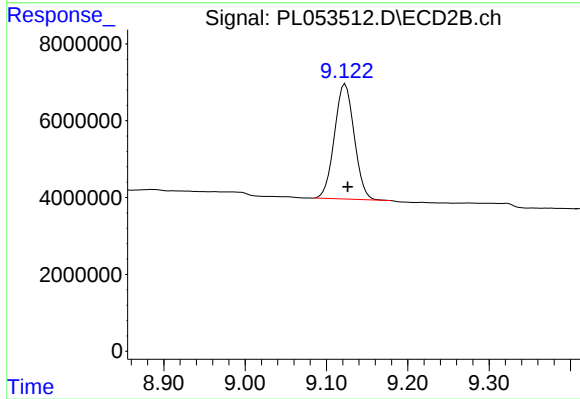
R.T.: 0.000 min
Exp R.T.: 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 174671110
Conc: 17.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 50551137
Conc: 17.95 ng/ml