

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101219\
 Data File : PL053272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2019 04:02
 Operator : SG\AJ
 Sample : K5145-03MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-01-100919MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 06:37:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 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...	3.546	4.046	198.8E6	54786534	19.985	20.403
28)	SA Decachlor...	8.337	9.126	212.3E6	63887251	21.200	21.777
Target Compounds							
2)	A alpha-BHC	3.990	4.438	897.3E6	208.9E6	56.253	54.411
3)	MA gamma-BHC...	4.277	4.723	820.0E6	187.3E6	56.298	51.712
4)	MA Heptachlor	4.585	5.233	873.4E6	204.3E6	58.452	53.607
5)	MB Aldrin	4.837	5.538	801.6E6	187.1E6	58.276	53.982
6)	B beta-BHC	4.527	4.893	358.5E6	90842892	57.749	57.795
7)	B delta-BHC	4.736	5.110	512.8E6	123.8E6	35.787	34.209
8)	B Heptachlo...	5.283	5.925	760.3E6	183.8E6	58.348	54.837
9)	A Endosulfan I	5.626	6.282	680.7E6	175.7E6	56.093	56.226
10)	B gamma-Chl...	5.512	6.158	775.0E6	189.5E6	57.628	56.006
11)	B alpha-Chl...	5.571	6.232	746.2E6	186.7E6	56.574	55.477
12)	B 4,4'-DDE	5.734	6.387	696.3E6	187.5E6	59.991	57.420
13)	MA Dieldrin	5.870	6.539	758.4E6	185.2E6	58.756	56.786
14)	MA Endrin	6.129	6.756	672.9E6	160.2E6	59.076	57.673
15)	B Endosulfa...	6.402	6.965	635.3E6	170.1E6	55.441	57.332
16)	A 4,4'-DDD	6.252	6.877	533.0E6	146.2E6	59.303	59.629
17)	MA 4,4'-DDT	6.495	7.176	574.3E6	147.2E6	56.240	56.543
18)	B Endrin al...	6.570	7.089	507.0E6	132.3E6	53.992	53.956
19)	B Endosulfa...	6.784	7.312	539.3E6	141.0E6	51.808	51.656
20)	A Methoxychlor	7.040	7.633	278.1E6	84626384	53.917	60.107
21)	B Endrin ke...	7.278	7.783	651.8E6	178.6E6	55.924	62.613
22)	Mirex	7.472	8.238	554.2E6	148.0E6	58.685	65.814
24)	Chlordane-2	0.000	5.538f	0	187.1E6	N.D.	1671.543 #
25)	Chlordane-3	5.512	6.158	775.0E6	189.5E6	668.842	435.067 #
26)	Chlordane-4	5.571	6.232	746.2E6	186.7E6	781.807	351.662 #
27)	Chlordane-5	6.402f	0.000	635.3E6	0	1610.737	N.D. #

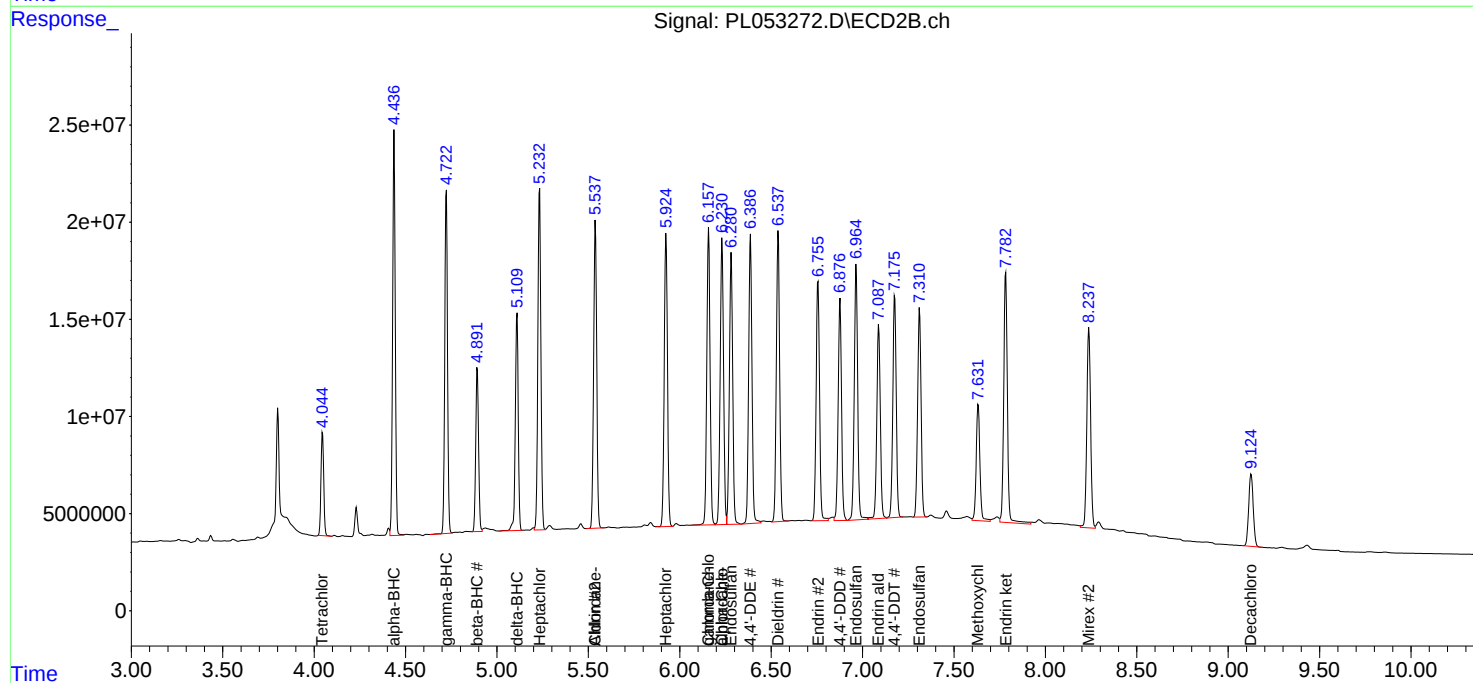
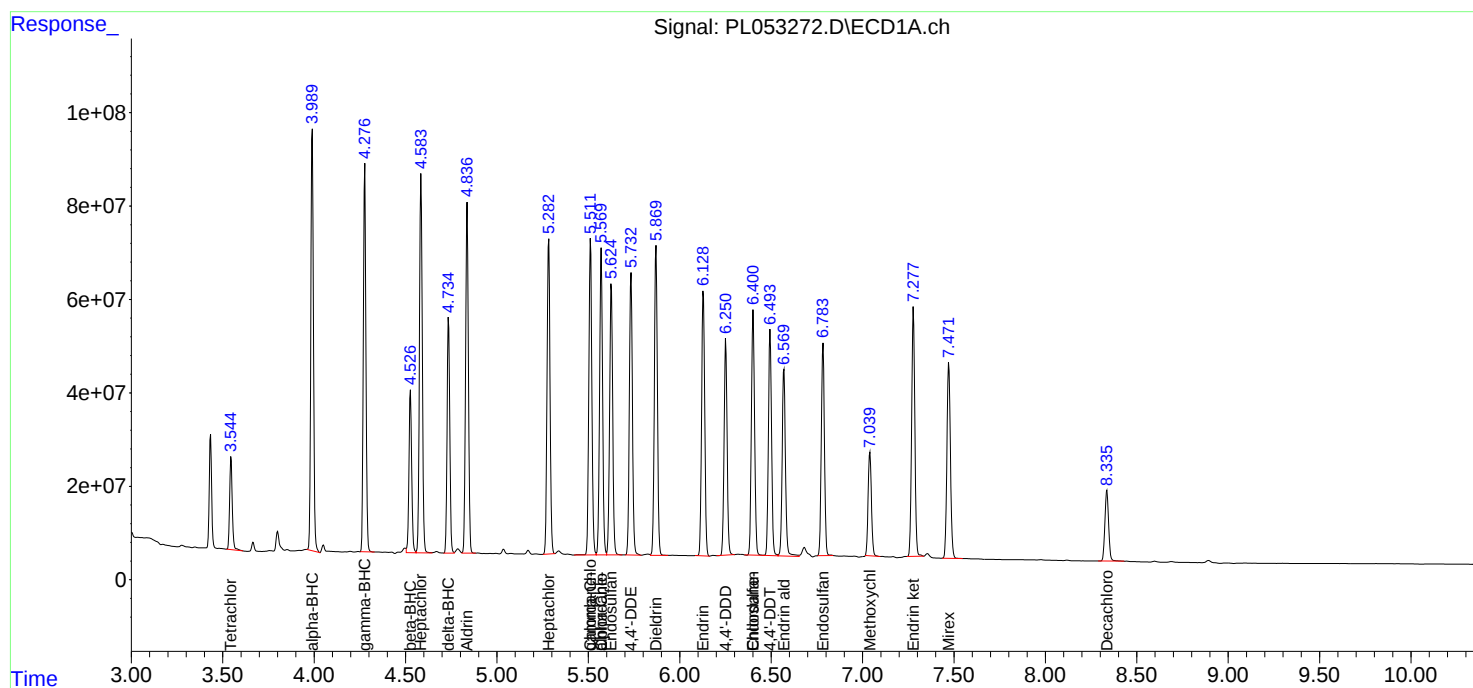
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

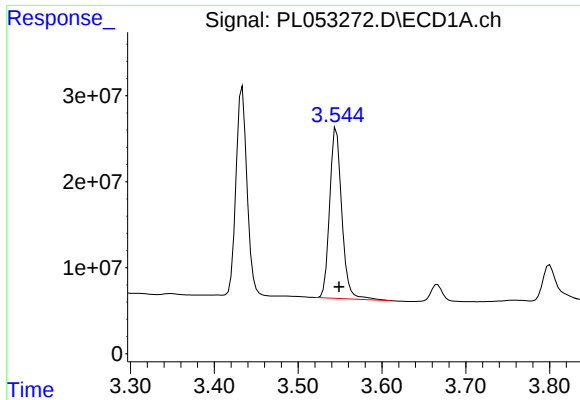
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101219\
Data File : PL053272.D
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

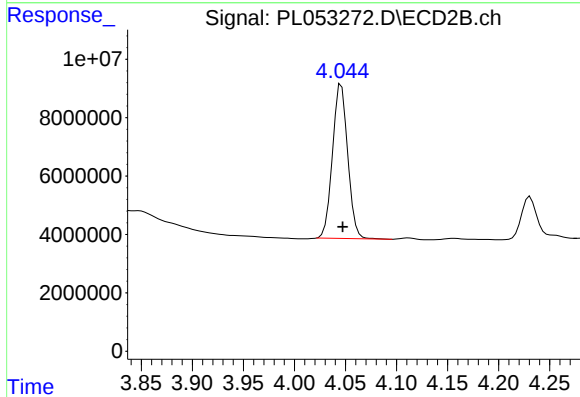




#1 Tetrachloro-m-xylene

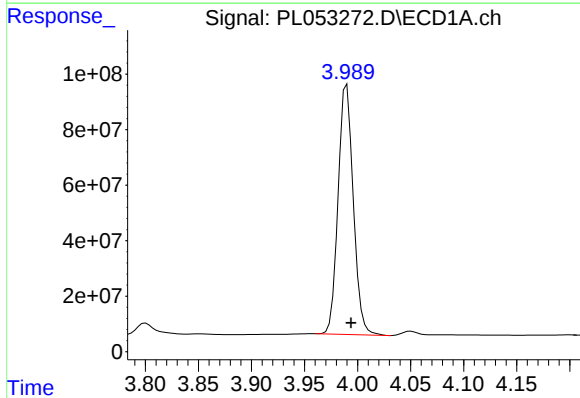
R.T.: 3.546 min
Delta R.T.: -0.003 min
Response: 198787566
Conc: 19.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



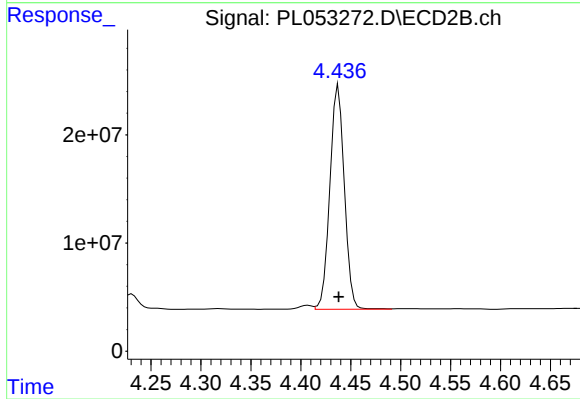
#1 Tetrachloro-m-xylene

R.T.: 4.046 min
Delta R.T.: -0.001 min
Response: 54786534
Conc: 20.40 ng/ml



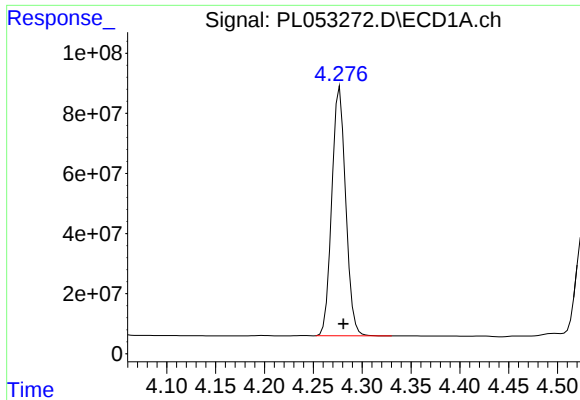
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 897267935
Conc: 56.25 ng/ml



#2 alpha-BHC

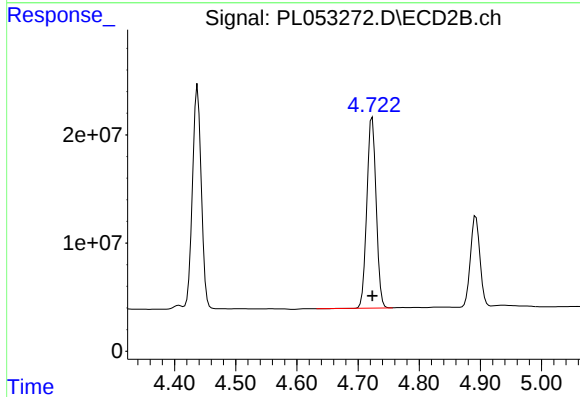
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 208941943
Conc: 54.41 ng/ml



#3 gamma-BHC (Lindane)

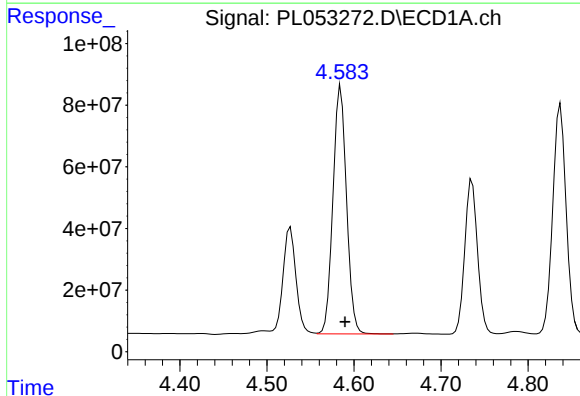
R.T.: 4.277 min
Delta R.T.: -0.004 min
Response: 819953254
Conc: 56.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



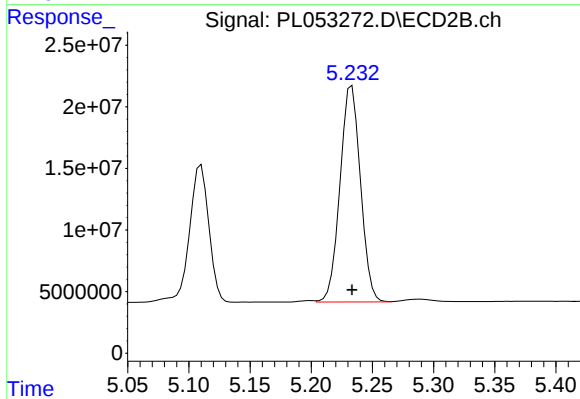
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 187259432
Conc: 51.71 ng/ml



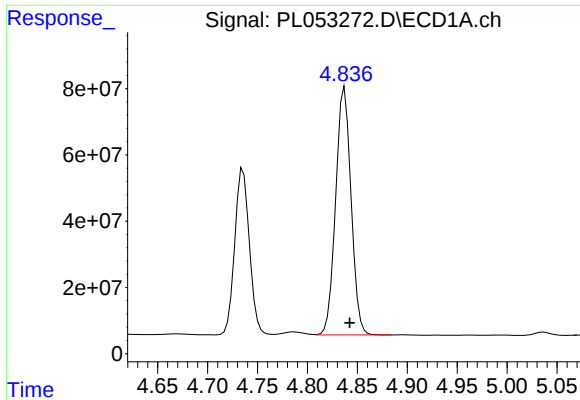
#4 Heptachlor

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 873385618
Conc: 58.45 ng/ml



#4 Heptachlor

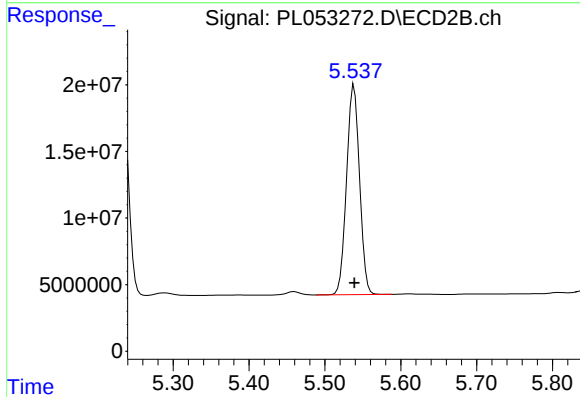
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 204281398
Conc: 53.61 ng/ml



#5 Aldrin

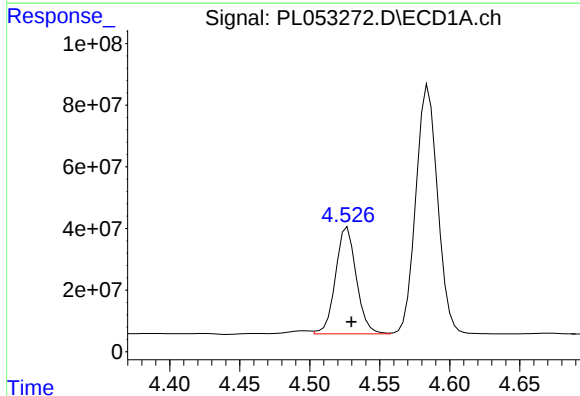
R.T.: 4.837 min
Delta R.T.: -0.005 min
Response: 801595817
Conc: 58.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



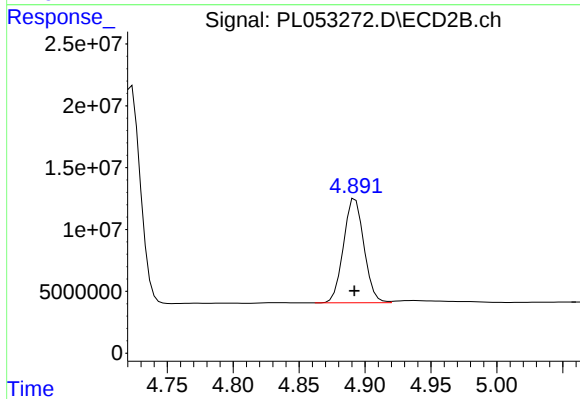
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 187083034
Conc: 53.98 ng/ml



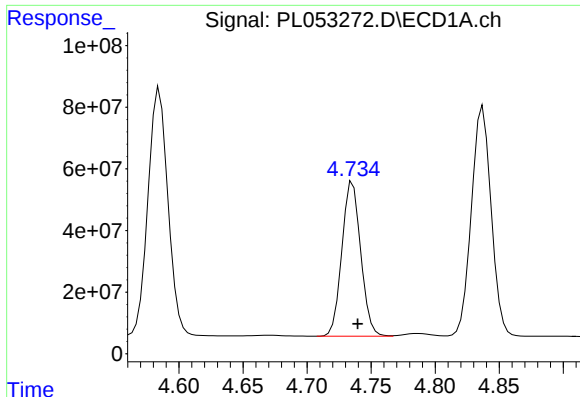
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 358535477
Conc: 57.75 ng/ml



#6 beta-BHC

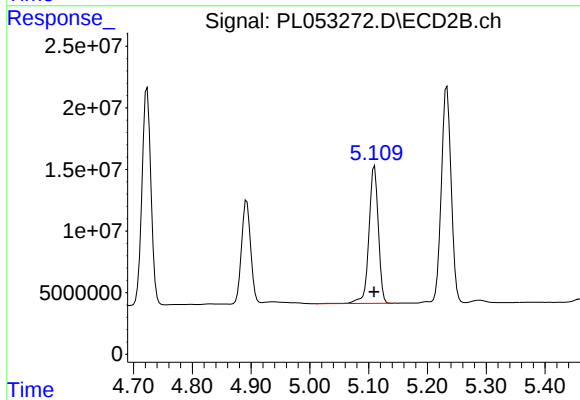
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 90842892
Conc: 57.80 ng/ml



#7 delta-BHC

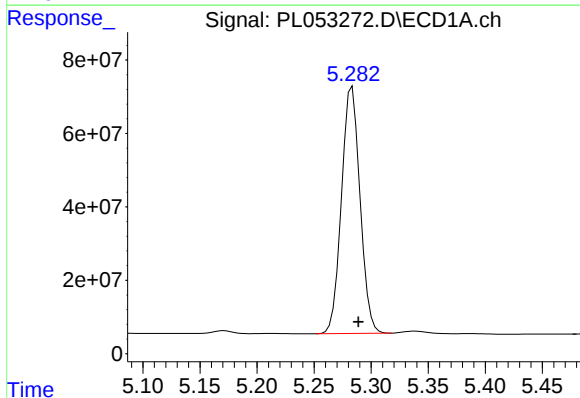
R.T.: 4.736 min
Delta R.T.: -0.004 min
Response: 512800485
Conc: 35.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



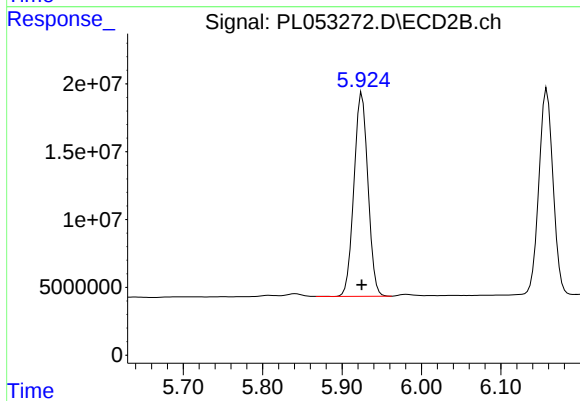
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 123833241
Conc: 34.21 ng/ml



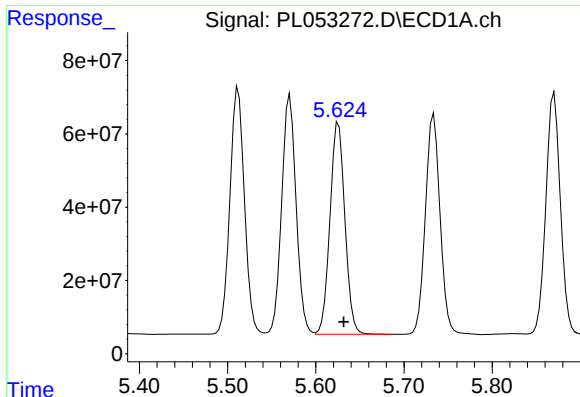
#8 Heptachlor epoxide

R.T.: 5.283 min
Delta R.T.: -0.005 min
Response: 760329791
Conc: 58.35 ng/ml



#8 Heptachlor epoxide

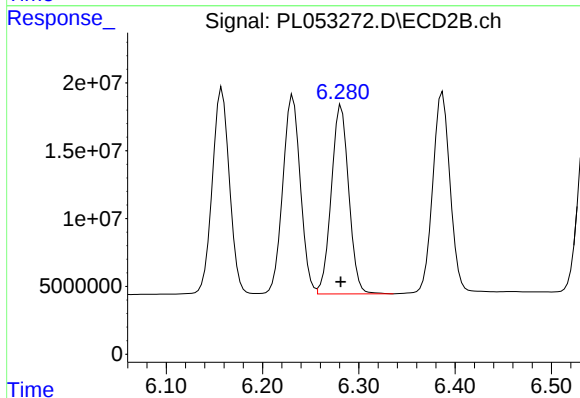
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 183785013
Conc: 54.84 ng/ml



#9 Endosulfan I

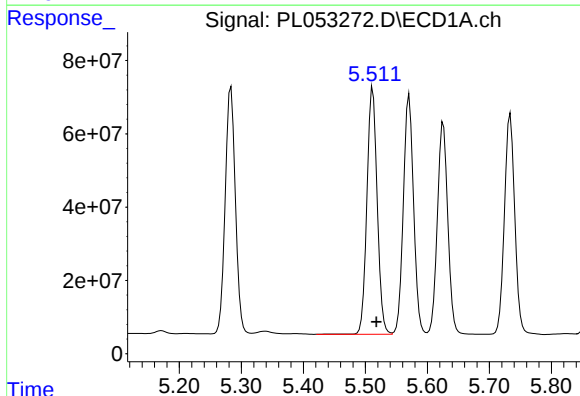
R.T.: 5.626 min
Delta R.T.: -0.006 min
Response: 680735701
Conc: 56.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



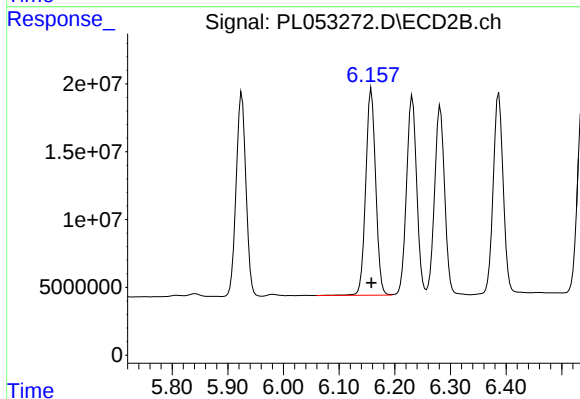
#9 Endosulfan I

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 175746441
Conc: 56.23 ng/ml



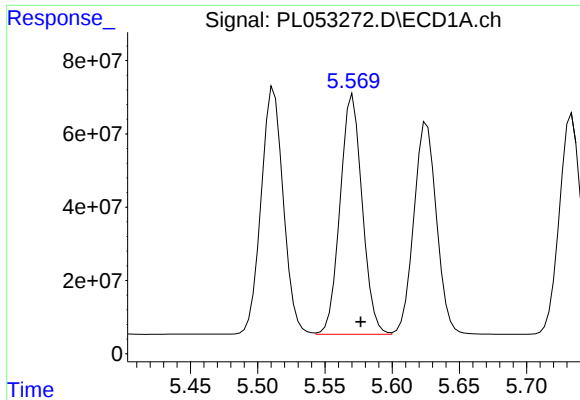
#10 gamma-Chlordane

R.T.: 5.512 min
Delta R.T.: -0.006 min
Response: 774986099
Conc: 57.63 ng/ml



#10 gamma-Chlordane

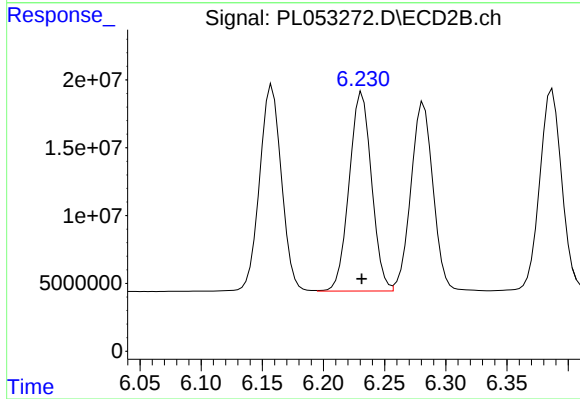
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 189475639
Conc: 56.01 ng/ml



#11 alpha-Chlordane

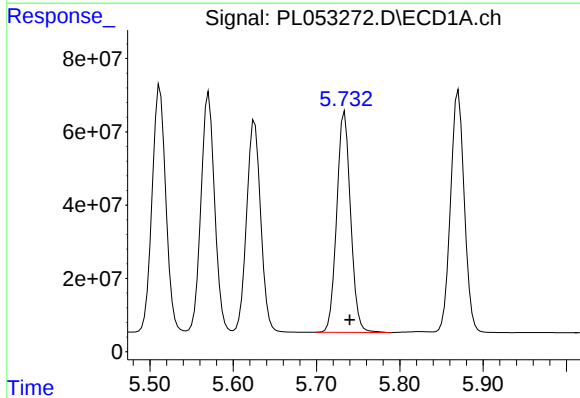
R.T.: 5.571 min
Delta R.T.: -0.006 min
Response: 746165787
Conc: 56.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



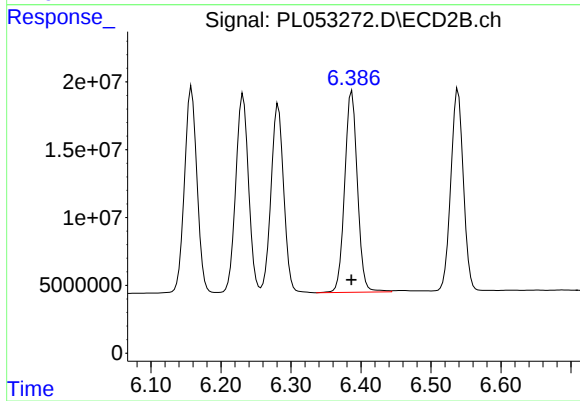
#11 alpha-Chlordane

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 186731302
Conc: 55.48 ng/ml



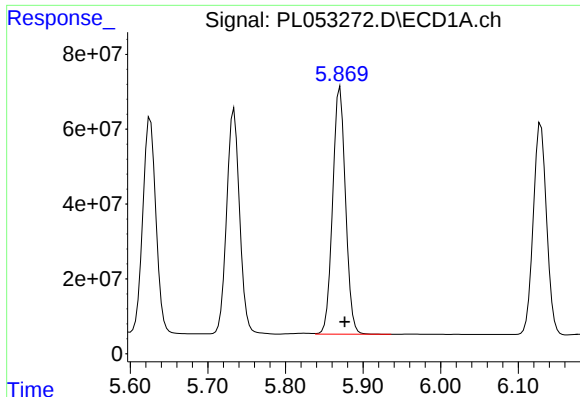
#12 4,4'-DDE

R.T.: 5.734 min
Delta R.T.: -0.006 min
Response: 696280031
Conc: 59.99 ng/ml



#12 4,4'-DDE

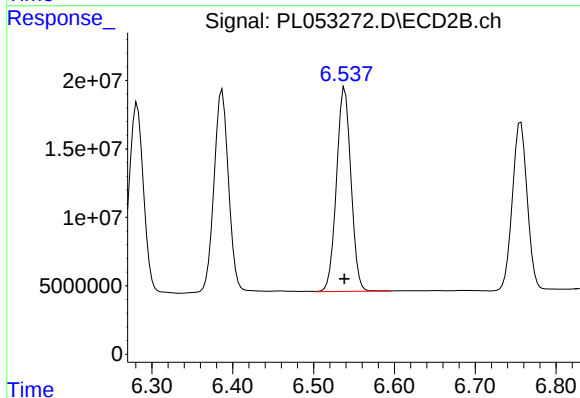
R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 187541164
Conc: 57.42 ng/ml



#13 Dieldrin

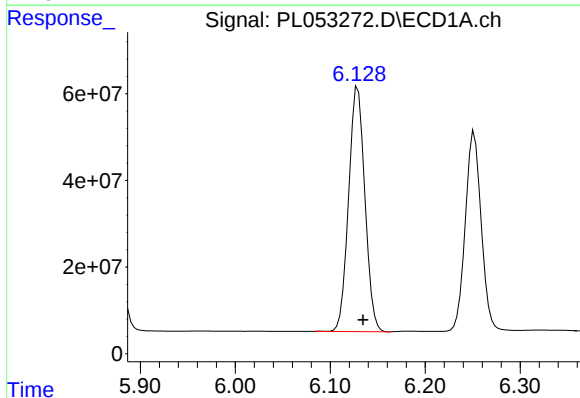
R.T.: 5.870 min
Delta R.T.: -0.006 min
Response: 758438331
Conc: 58.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



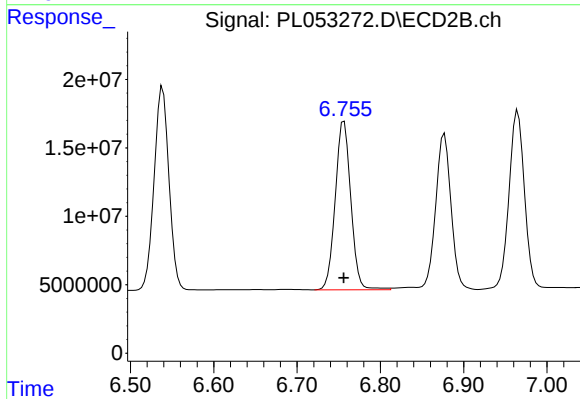
#13 Dieldrin

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 185234841
Conc: 56.79 ng/ml



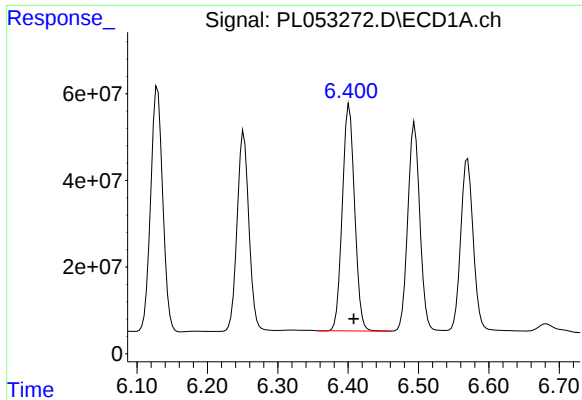
#14 Endrin

R.T.: 6.129 min
Delta R.T.: -0.006 min
Response: 672917141
Conc: 59.08 ng/ml



#14 Endrin

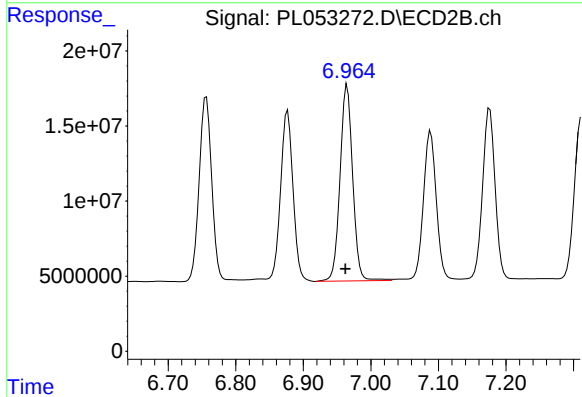
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 160152451
Conc: 57.67 ng/ml



#15 Endosulfan II

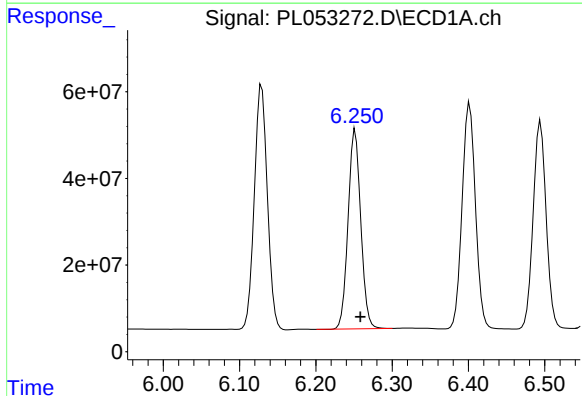
R.T.: 6.402 min
Delta R.T.: -0.007 min
Response: 635329884
Conc: 55.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



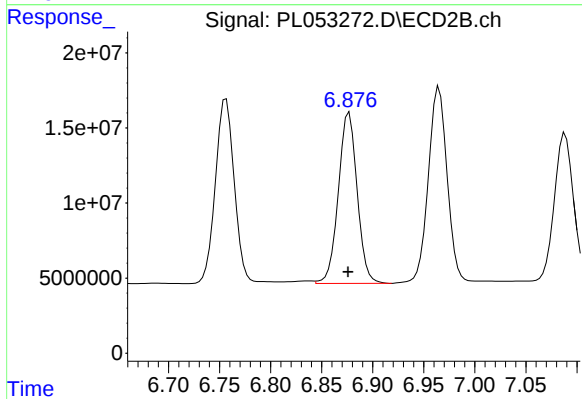
#15 Endosulfan II

R.T.: 6.965 min
Delta R.T.: 0.002 min
Response: 170102083
Conc: 57.33 ng/ml



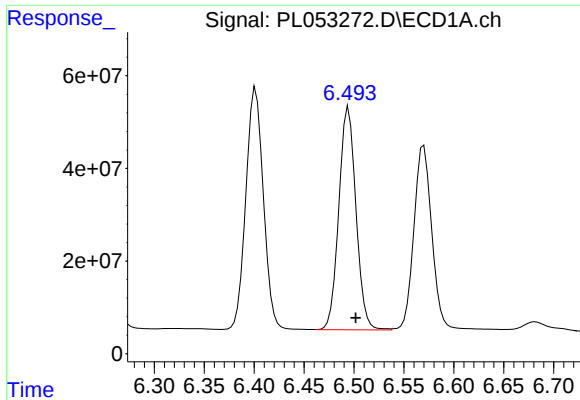
#16 4,4'-DDD

R.T.: 6.252 min
Delta R.T.: -0.007 min
Response: 533037082
Conc: 59.30 ng/ml



#16 4,4'-DDD

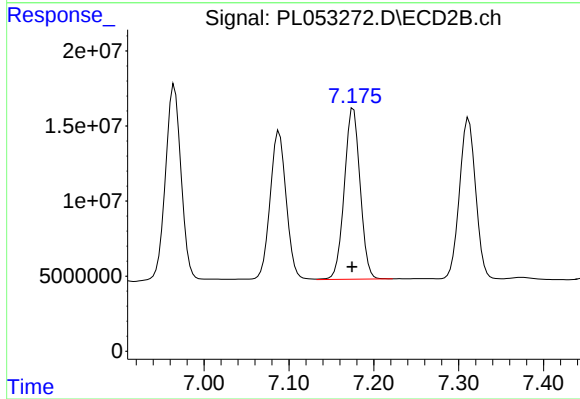
R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 146244200
Conc: 59.63 ng/ml



#17 4,4'-DDT

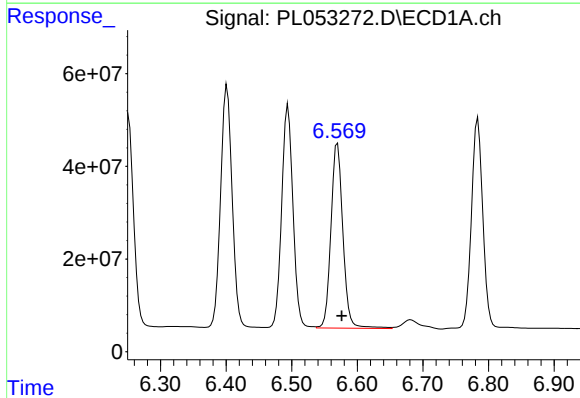
R.T.: 6.495 min
Delta R.T.: -0.007 min
Response: 574342548
Conc: 56.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
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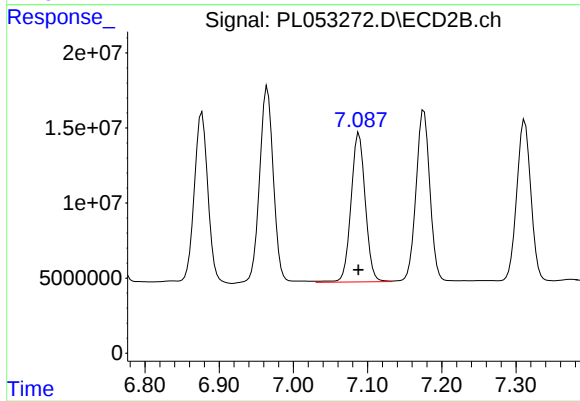
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.002 min
Response: 147154655
Conc: 56.54 ng/ml



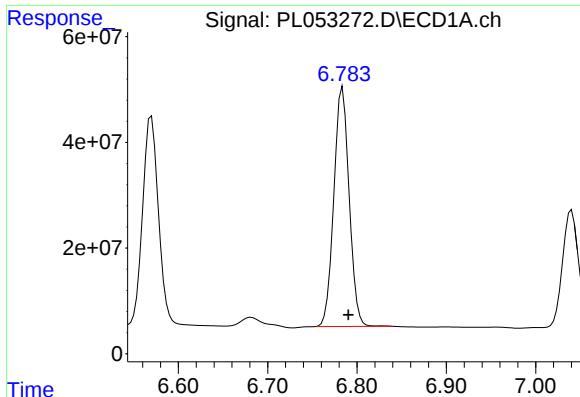
#18 Endrin aldehyde

R.T.: 6.570 min
Delta R.T.: -0.007 min
Response: 507030644
Conc: 53.99 ng/ml



#18 Endrin aldehyde

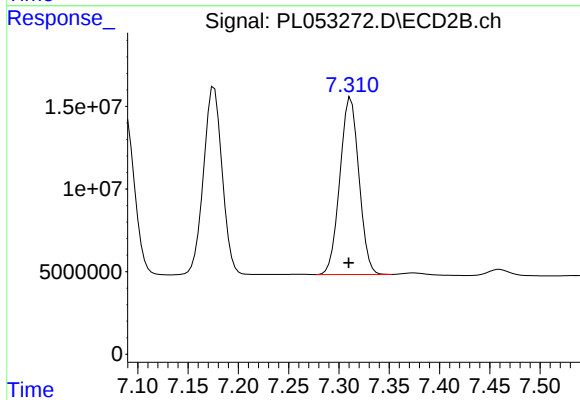
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 132336300
Conc: 53.96 ng/ml



#19 Endosulfan Sulfate

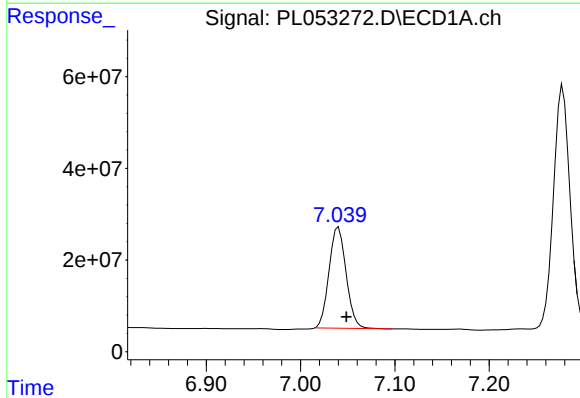
R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 539276663
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



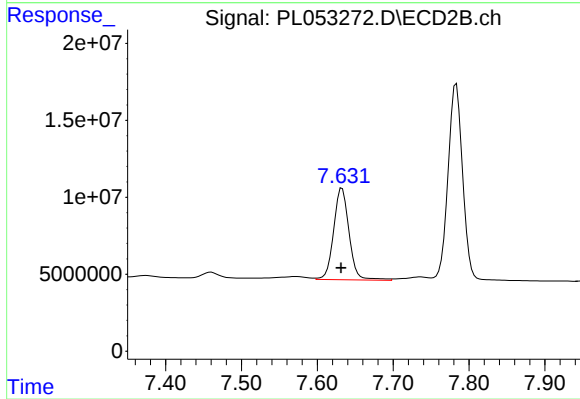
#19 Endosulfan Sulfate

R.T.: 7.312 min
Delta R.T.: 0.002 min
Response: 141042799
Conc: 51.66 ng/ml



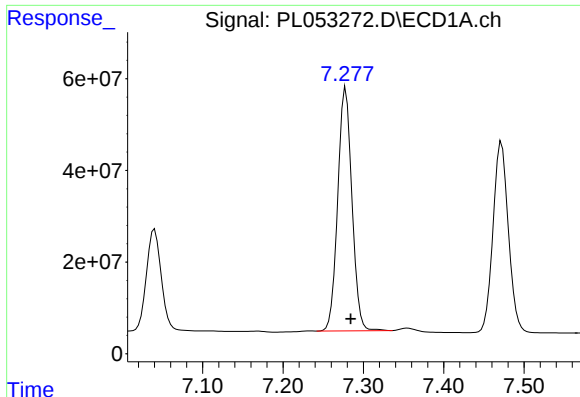
#20 Methoxychlor

R.T.: 7.040 min
Delta R.T.: -0.008 min
Response: 278111004
Conc: 53.92 ng/ml



#20 Methoxychlor

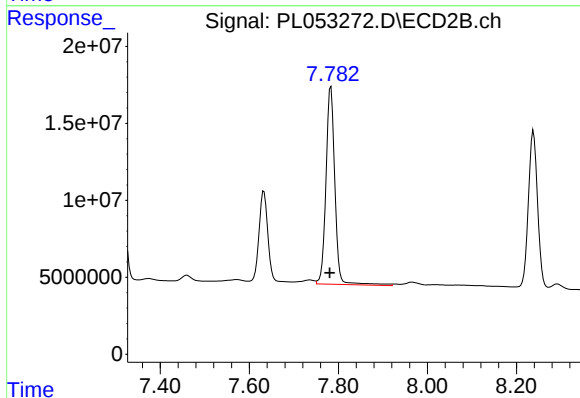
R.T.: 7.633 min
Delta R.T.: 0.001 min
Response: 84626384
Conc: 60.11 ng/ml



#21 Endrin ketone

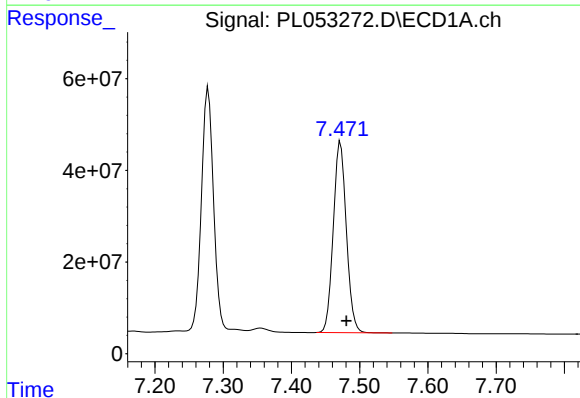
R.T.: 7.278 min
Delta R.T.: -0.006 min
Response: 651796463
Conc: 55.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



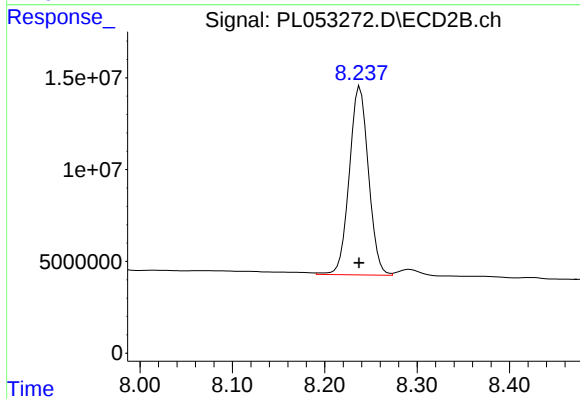
#21 Endrin ketone

R.T.: 7.783 min
Delta R.T.: 0.002 min
Response: 178626668
Conc: 62.61 ng/ml



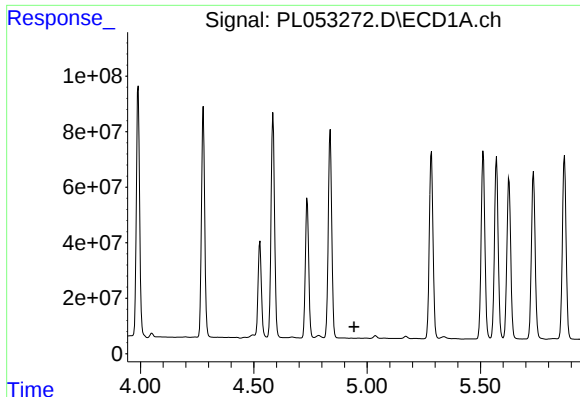
#22 Mirex

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 554196307
Conc: 58.69 ng/ml



#22 Mirex

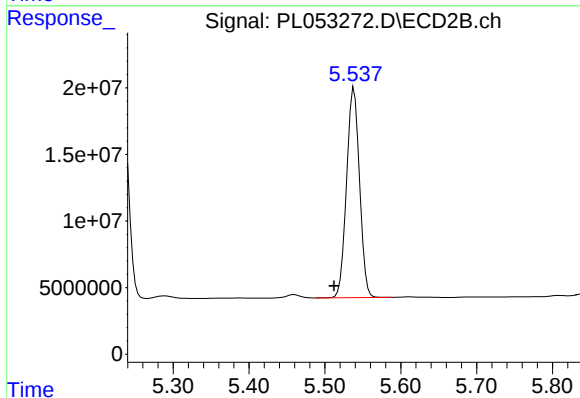
R.T.: 8.238 min
Delta R.T.: 0.001 min
Response: 148032087
Conc: 65.81 ng/ml



#24 Chlordane-2

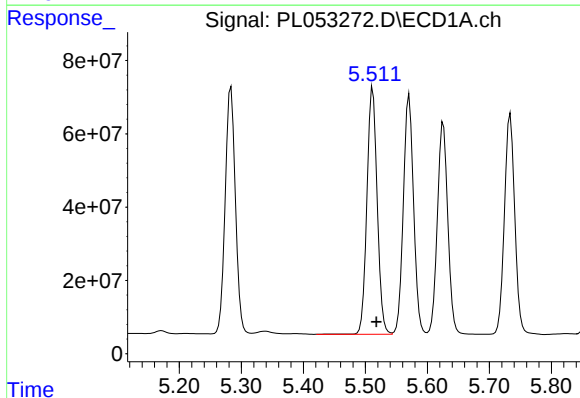
R.T.: 0.000 min
Exp R.T.: 4.942 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



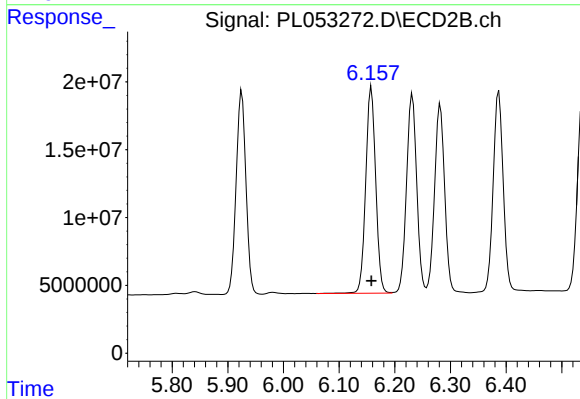
#24 Chlordane-2

R.T.: 5.538 min
Delta R.T.: 0.026 min
Response: 187083034
Conc: 1671.54 ng/ml



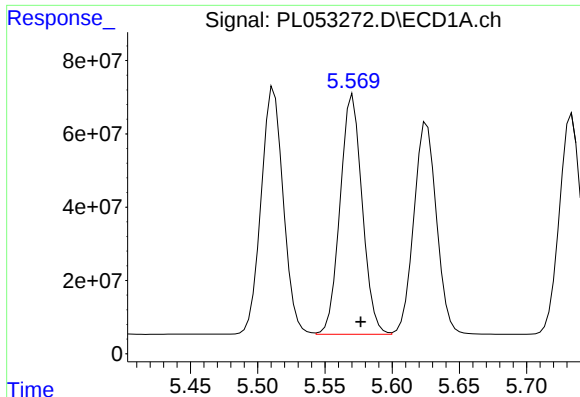
#25 Chlordane-3

R.T.: 5.512 min
Delta R.T.: -0.006 min
Response: 774986099
Conc: 668.84 ng/ml



#25 Chlordane-3

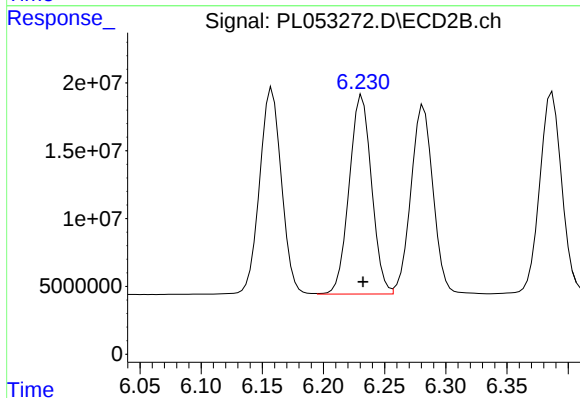
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 189475639
Conc: 435.07 ng/ml



#26 Chlordane-4

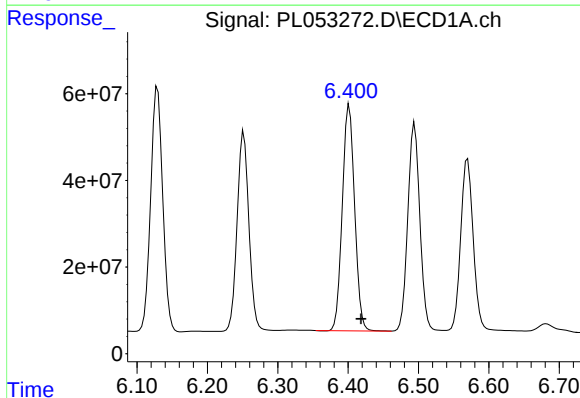
R.T.: 5.571 min
Delta R.T.: -0.006 min
Response: 746165787
Conc: 781.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



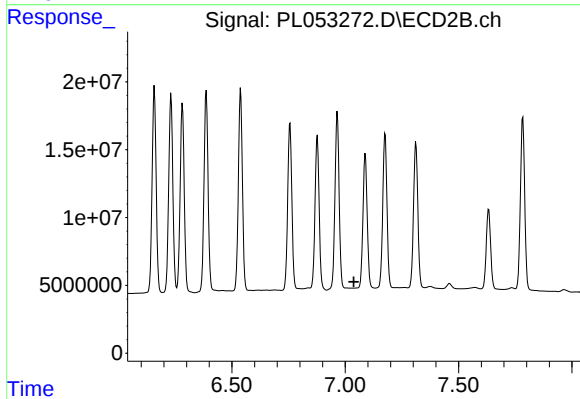
#26 Chlordane-4

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 186731302
Conc: 351.66 ng/ml



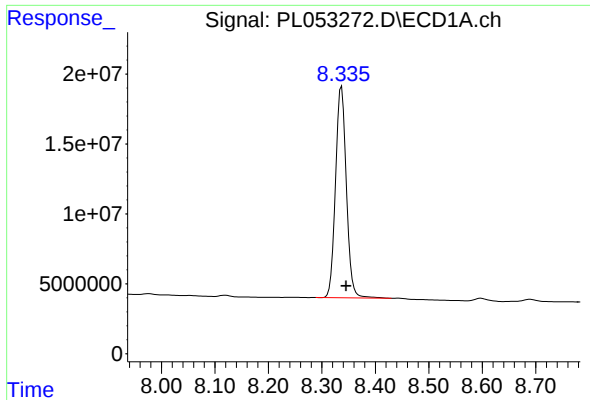
#27 Chlordane-5

R.T.: 6.402 min
Delta R.T.: -0.017 min
Response: 635329884
Conc: 1610.74 ng/ml



#27 Chlordane-5

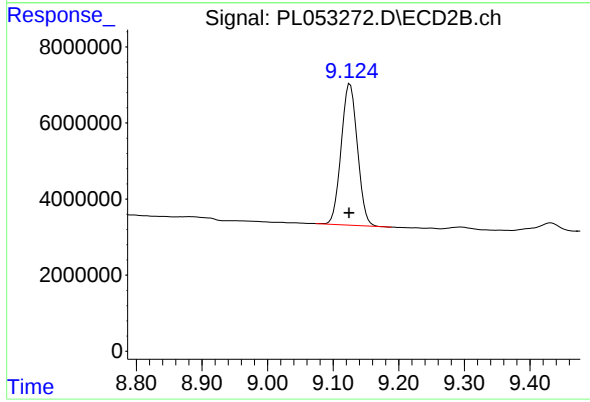
R.T.: 0.000 min
Exp R.T.: 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.337 min
Delta R.T.: -0.008 min
Response: 212342955
Conc: 21.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-100919MSD



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.001 min
Response: 63887251
Conc: 21.78 ng/ml