

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100119\
 Data File : PL052974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2019 21:26
 Operator : SG\AJ
 Sample : K5060-01MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FK-PS-01-060MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 03:50:43 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...	3.549	4.047	197.0E6	57051606	19.810	21.247
28)	SA Decachlor...	8.344	9.126	149.2E6	50622877	14.896	17.256
Target Compounds							
2)	A alpha-BHC	3.993	4.438	837.6E6	220.7E6	52.509	57.482
3)	MA gamma-BHC...	4.280	4.724	774.9E6	204.2E6	53.204	56.389
4)	MA Heptachlor	4.589	5.234	793.6E6	209.4E6	53.115	54.939
5)	MB Aldrin	4.841	5.540	749.2E6	195.3E6	54.464	56.340
6)	B beta-BHC	4.530	4.892	324.9E6	91298792	52.325	58.085
7)	B delta-BHC	4.739	5.110	708.9E6	178.8E6	49.472	49.387
8)	B Heptachlo...	5.288	5.926	666.3E6	187.5E6	51.132	55.932
9)	A Endosulfan I	5.631	6.283	612.4E6	166.9E6	50.463	53.391
10)	B gamma-Chl...	5.517	6.159	740.5E6	195.3E6	55.063	57.735
11)	B alpha-Chl...	5.576	6.232	694.8E6	194.7E6	52.681	57.846
12)	B 4,4'-DDE	5.740	6.388	623.4E6	177.9E6	53.715	54.461
13)	MA Dieldrin	5.876	6.540	672.5E6	173.1E6	52.103	53.079
14)	MA Endrin	6.135	6.758	574.4E6	146.7E6	50.426	52.821
15)	B Endosulfa...	6.407	6.965	523.1E6	145.4E6	45.651	48.999
16)	A 4,4'-DDD	6.258	6.877	467.0E6	137.4E6	51.953	56.043
17)	MA 4,4'-DDT	6.501	7.176	496.9E6	131.5E6	48.653	50.510
18)	B Endrin al...	6.576	7.089	440.9E6	115.1E6	46.947	46.940
19)	B Endosulfa...	6.790	7.312	483.3E6	140.9E6	46.427	51.587
20)	A Methoxychlor	7.047	7.633	245.2E6	70332128	47.535	49.954
21)	B Endrin ke...	7.284	7.783	534.4E6	150.0E6	45.848	52.588
22)	Mirex	7.479	8.239	372.8E6	114.7E6	39.477	50.981 #
23)	Chlordane-1	0.000	5.042	0	1320918	N.D.	13.023 #
24)	Chlordane-2	0.000	5.540f	0	195.3E6	N.D.	1744.549 #
25)	Chlordane-3	5.517	6.159	740.5E6	195.3E6	639.067	448.491 #
26)	Chlordane-4	5.576	6.232	694.8E6	194.7E6	728.015	366.682 #
27)	Chlordane-5	6.407	0.000	523.1E6	0	1326.316	N.D. #

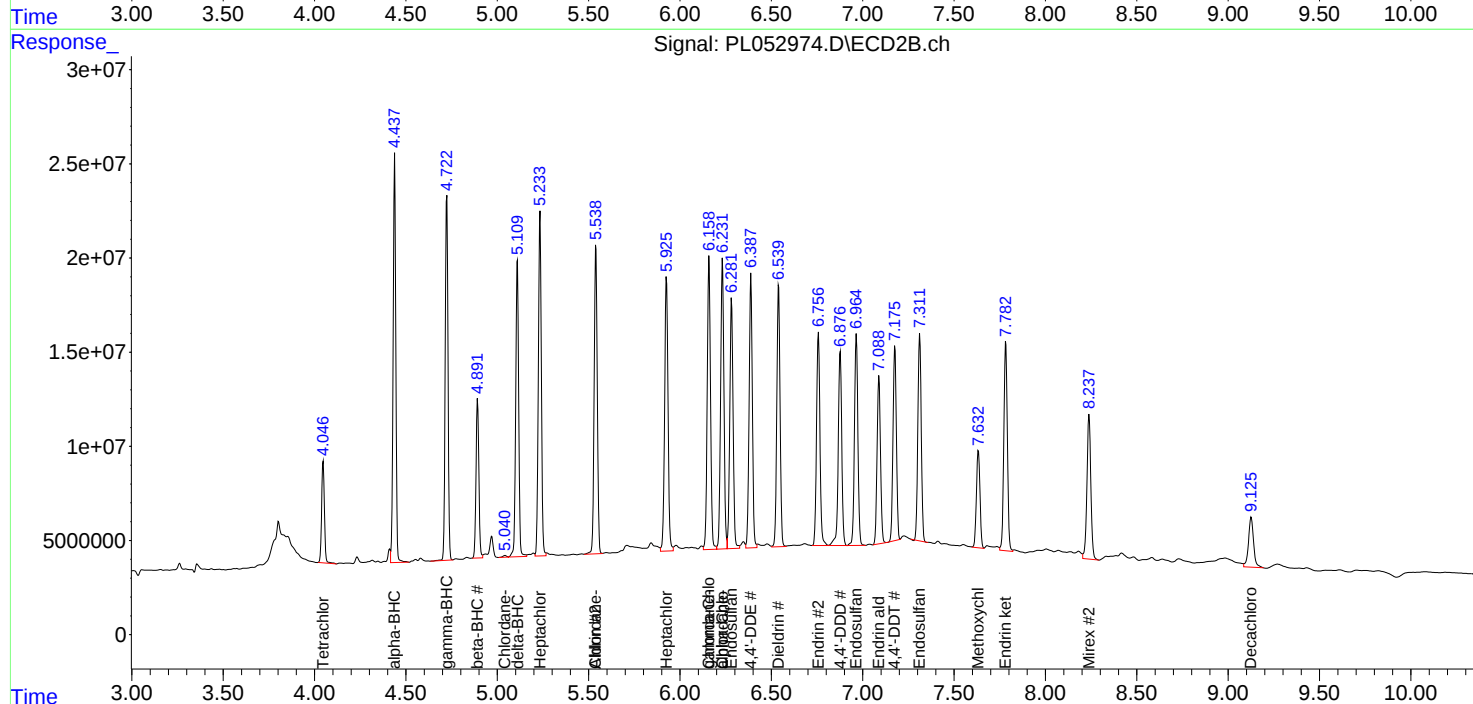
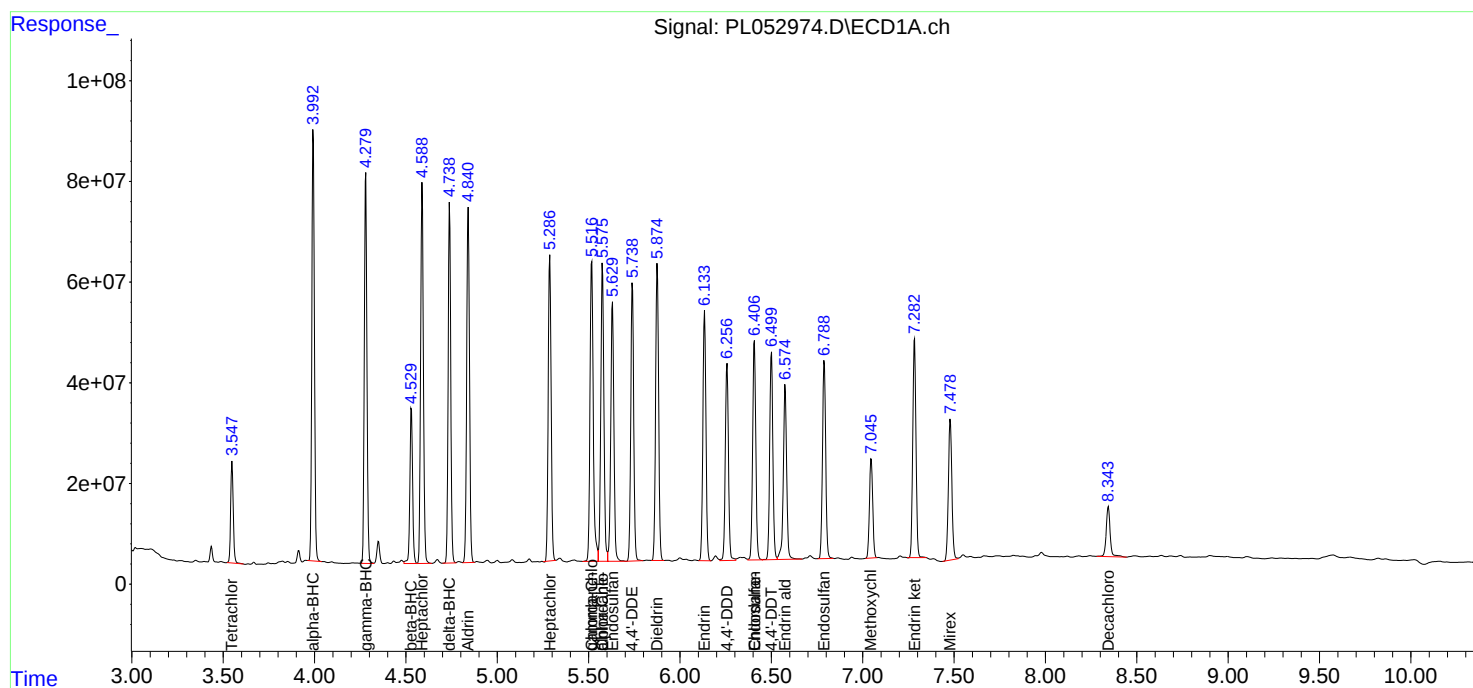
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

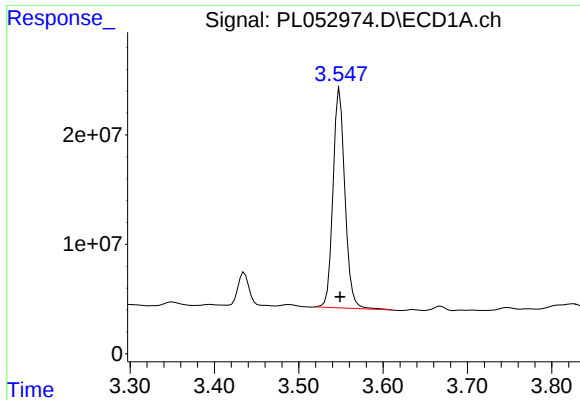
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100119\
Data File : PL052974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2019 21:26
Operator : SG\AJ
Sample : K5060-01MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-PS-01-060MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 02 03:50:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
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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

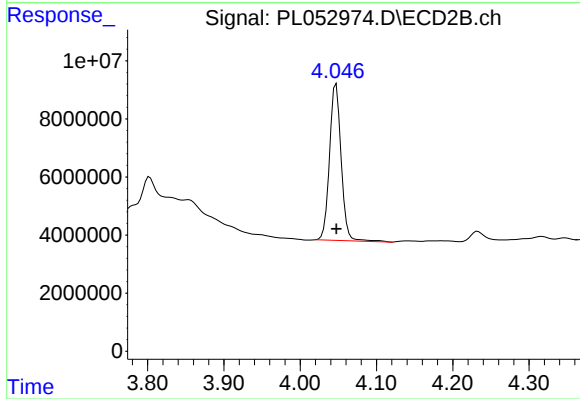




#1 Tetrachloro-m-xylene

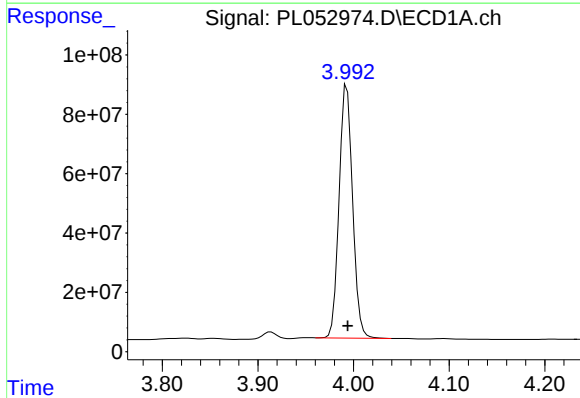
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 197040600
Conc: 19.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



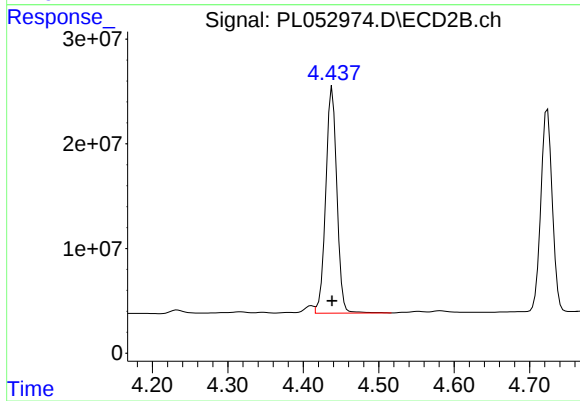
#1 Tetrachloro-m-xylene

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 57051606
Conc: 21.25 ng/ml



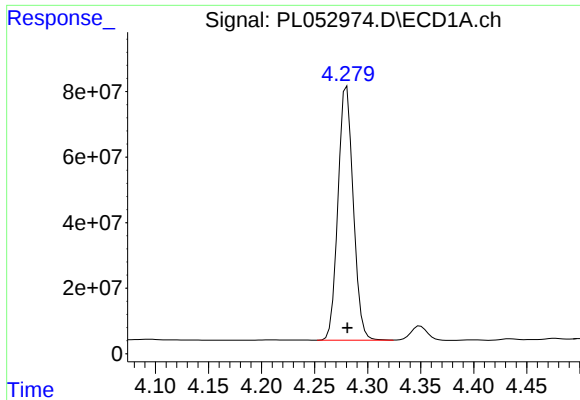
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 837552712
Conc: 52.51 ng/ml



#2 alpha-BHC

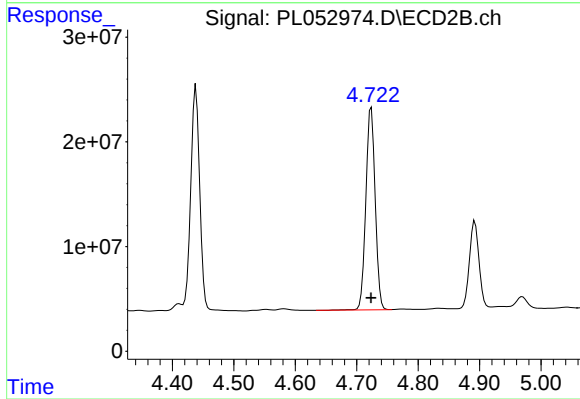
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 220732568
Conc: 57.48 ng/ml



#3 gamma-BHC (Lindane)

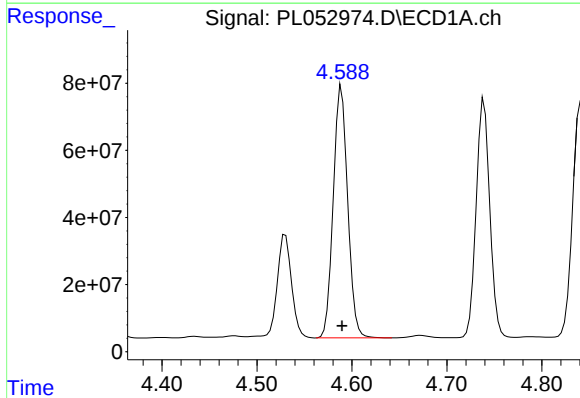
R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 774888930
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



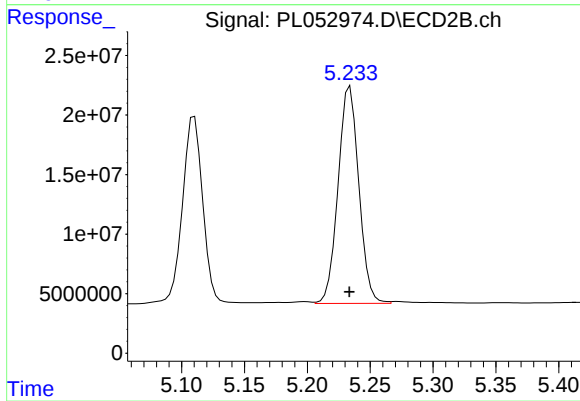
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 204195351
Conc: 56.39 ng/ml



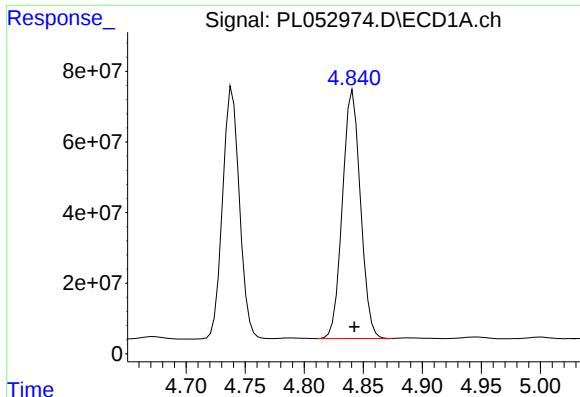
#4 Heptachlor

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 793639721
Conc: 53.11 ng/ml



#4 Heptachlor

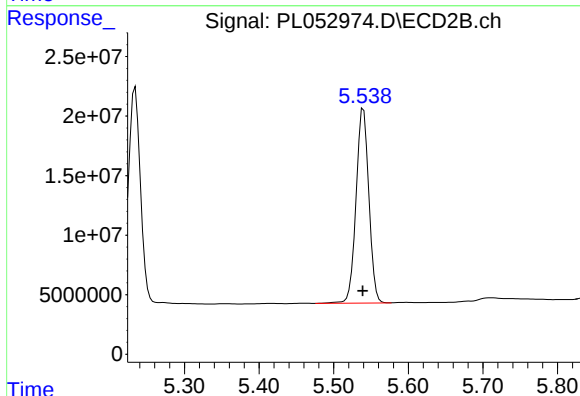
R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 209357476
Conc: 54.94 ng/ml



#5 Aldrin

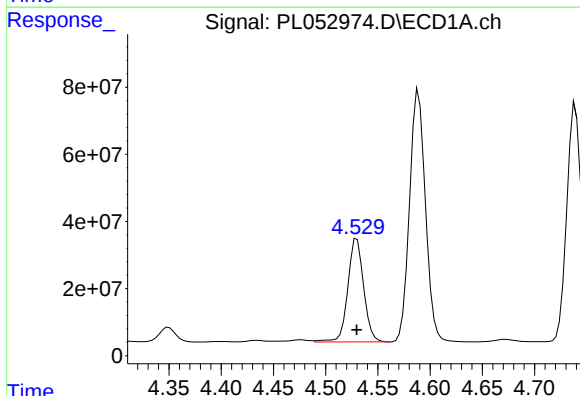
R.T.: 4.841 min
Delta R.T.: -0.001 min
Response: 749162263
Conc: 54.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



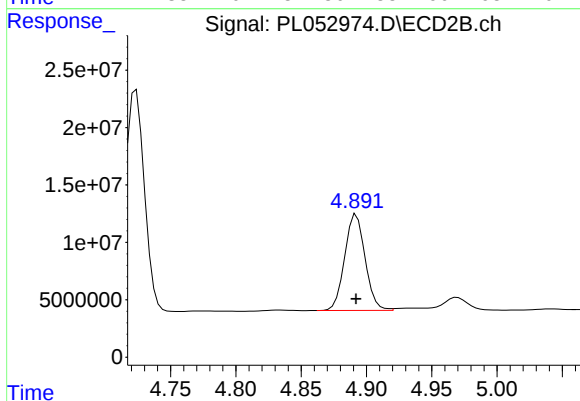
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.001 min
Response: 195253983
Conc: 56.34 ng/ml



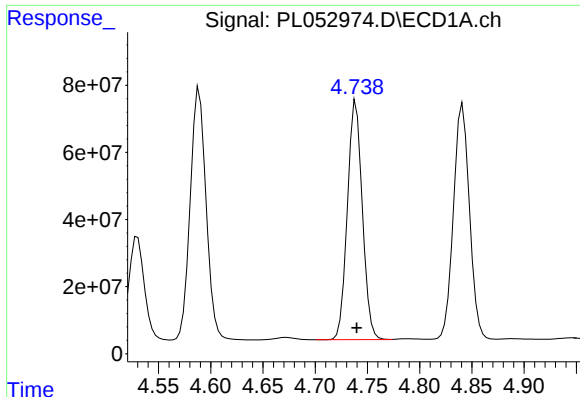
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 324861199
Conc: 52.32 ng/ml



#6 beta-BHC

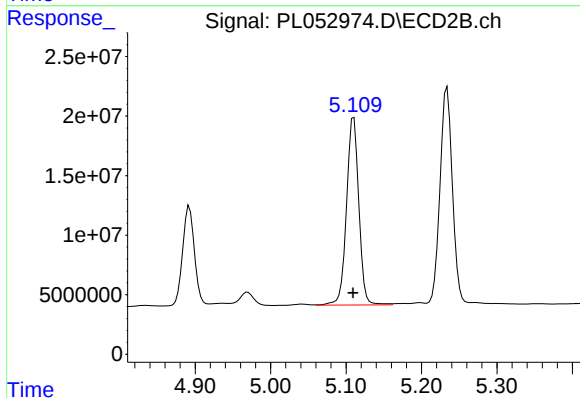
R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 91298792
Conc: 58.09 ng/ml



#7 delta-BHC

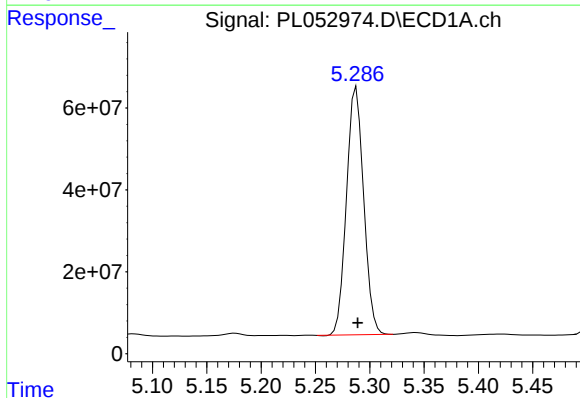
R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 708895504
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



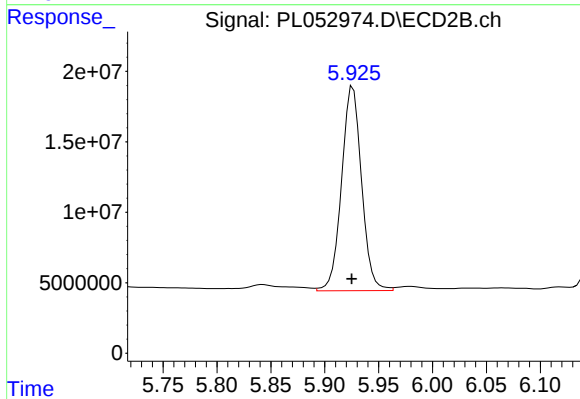
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.001 min
Response: 178773348
Conc: 49.39 ng/ml



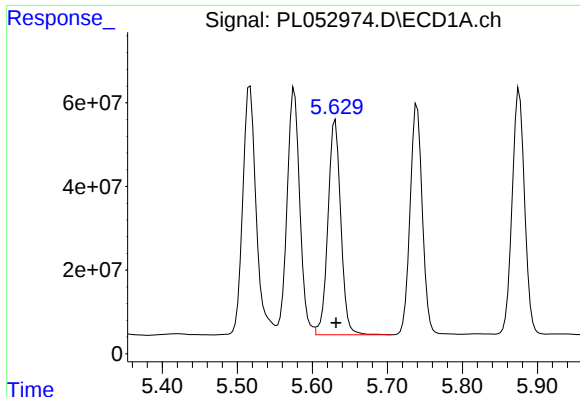
#8 Heptachlor epoxide

R.T.: 5.288 min
Delta R.T.: -0.001 min
Response: 666305553
Conc: 51.13 ng/ml



#8 Heptachlor epoxide

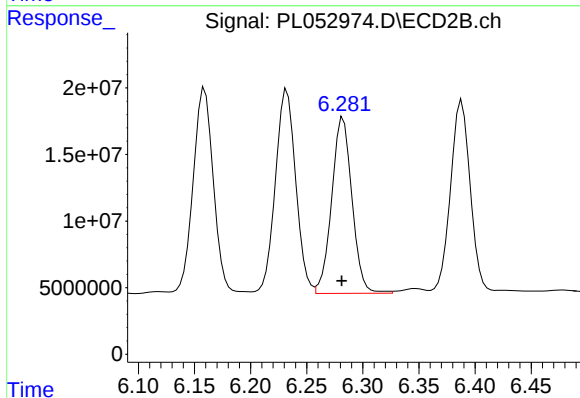
R.T.: 5.926 min
Delta R.T.: 0.001 min
Response: 187456156
Conc: 55.93 ng/ml



#9 Endosulfan I

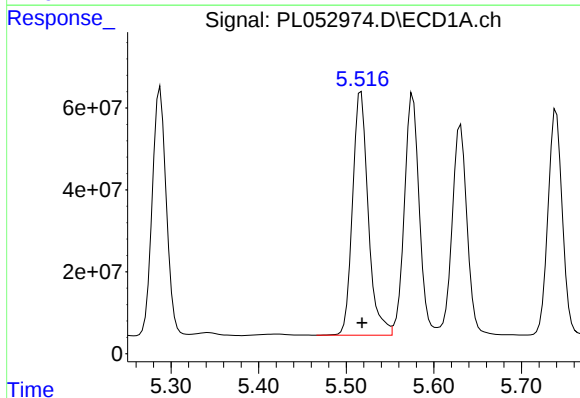
R.T.: 5.631 min
Delta R.T.: -0.001 min
Response: 612408818
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



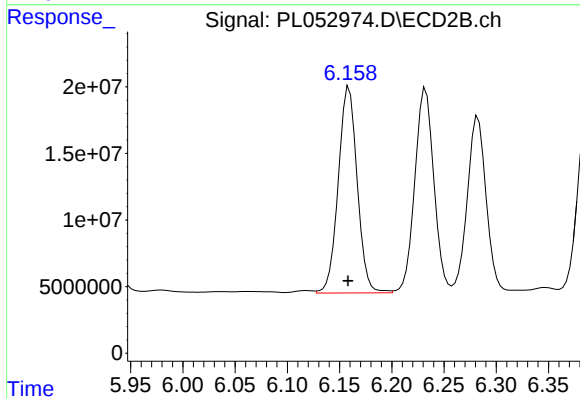
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: 0.001 min
Response: 166884690
Conc: 53.39 ng/ml



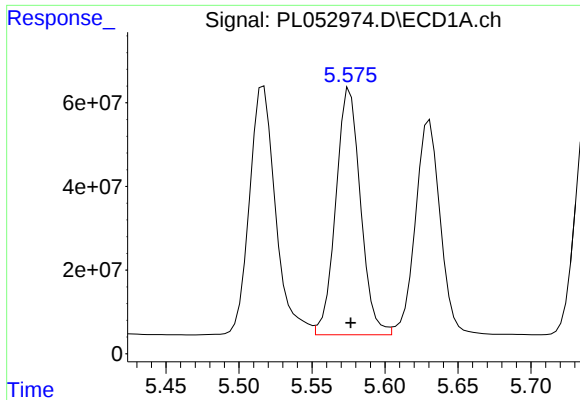
#10 gamma-Chlordane

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 740486395
Conc: 55.06 ng/ml



#10 gamma-Chlordane

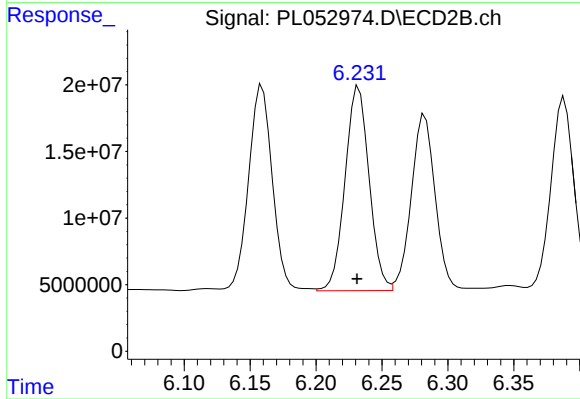
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 195322112
Conc: 57.73 ng/ml



#11 alpha-Chlordane

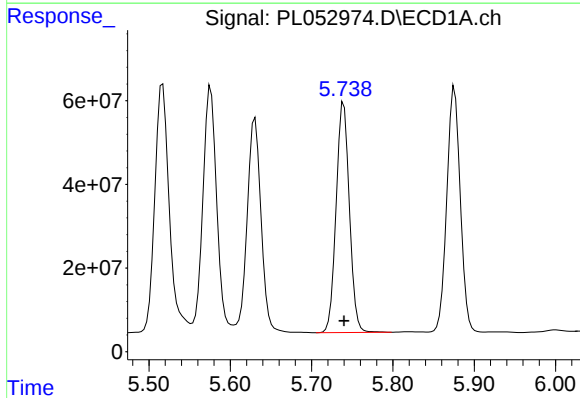
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 694825645
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



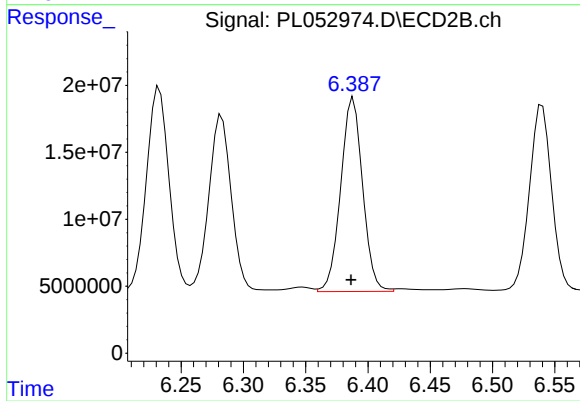
#11 alpha-Chlordane

R.T.: 6.232 min
Delta R.T.: 0.001 min
Response: 194707199
Conc: 57.85 ng/ml



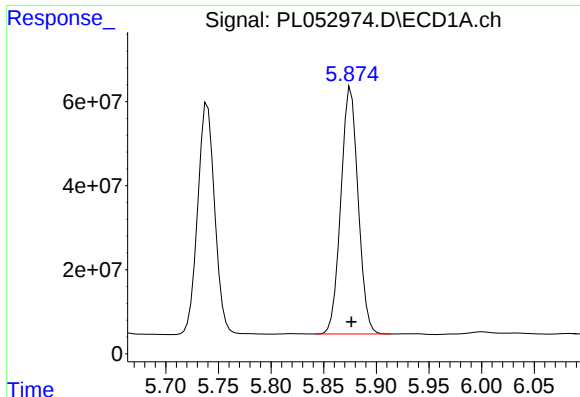
#12 4,4'-DDE

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 623441027
Conc: 53.72 ng/ml



#12 4,4'-DDE

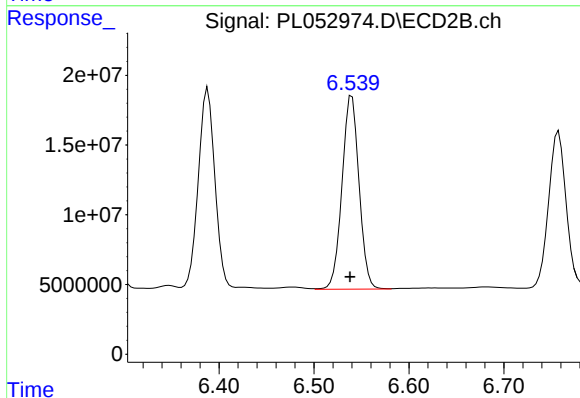
R.T.: 6.388 min
Delta R.T.: 0.002 min
Response: 177878633
Conc: 54.46 ng/ml



#13 Dieldrin

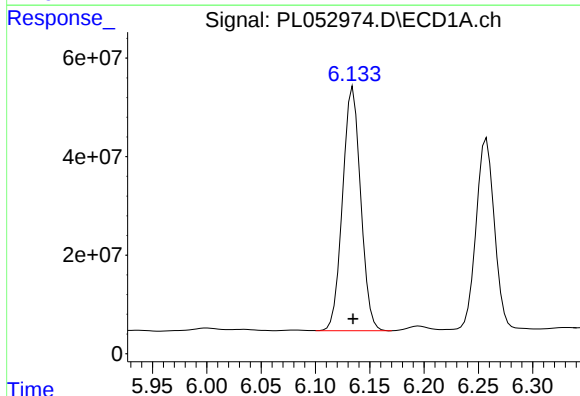
R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 672548247
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



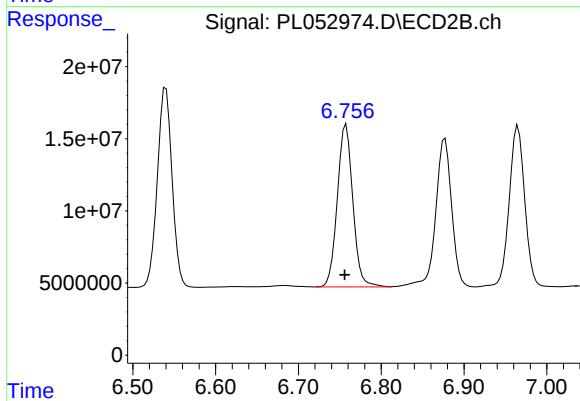
#13 Dieldrin

R.T.: 6.540 min
Delta R.T.: 0.002 min
Response: 173142597
Conc: 53.08 ng/ml



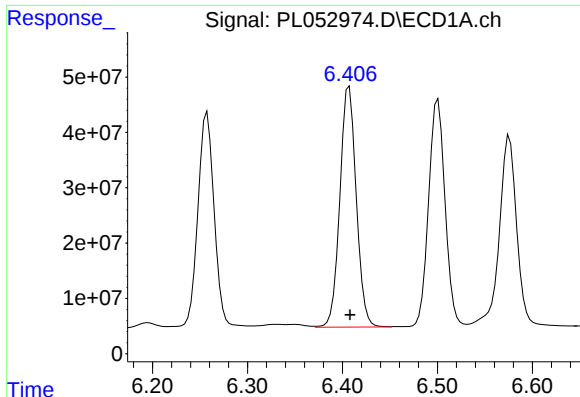
#14 Endrin

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 574388236
Conc: 50.43 ng/ml



#14 Endrin

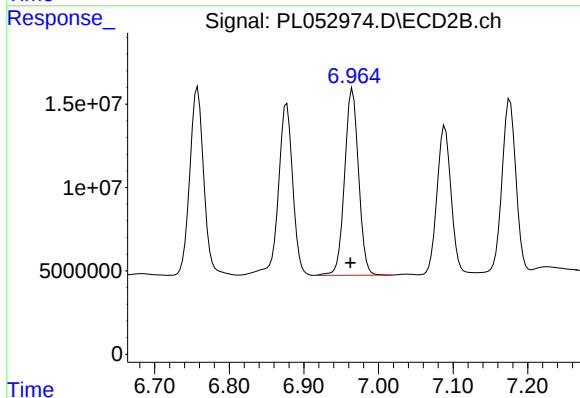
R.T.: 6.758 min
Delta R.T.: 0.002 min
Response: 146678115
Conc: 52.82 ng/ml



#15 Endosulfan II

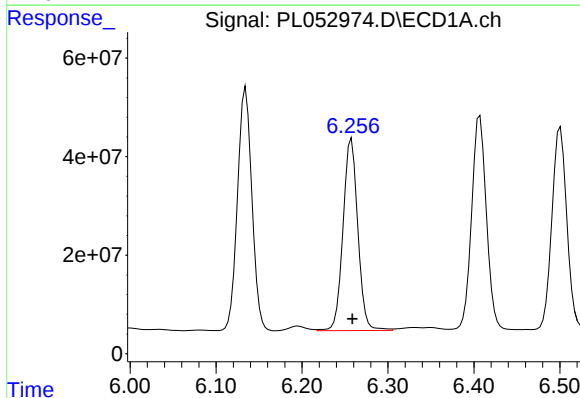
R.T.: 6.407 min
Delta R.T.: -0.001 min
Response: 523144377
Conc: 45.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



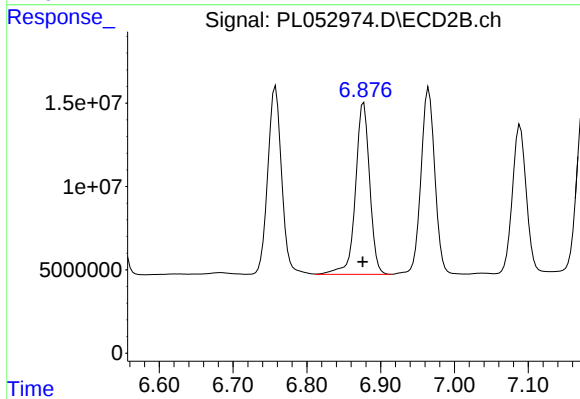
#15 Endosulfan II

R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 145379492
Conc: 49.00 ng/ml



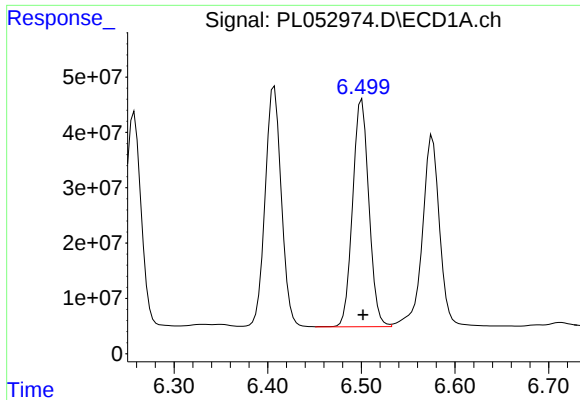
#16 4,4'-DDD

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 466972354
Conc: 51.95 ng/ml



#16 4,4'-DDD

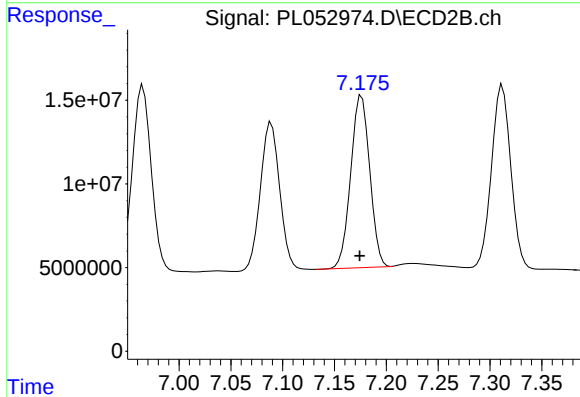
R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 137449842
Conc: 56.04 ng/ml



#17 4,4'-DDT

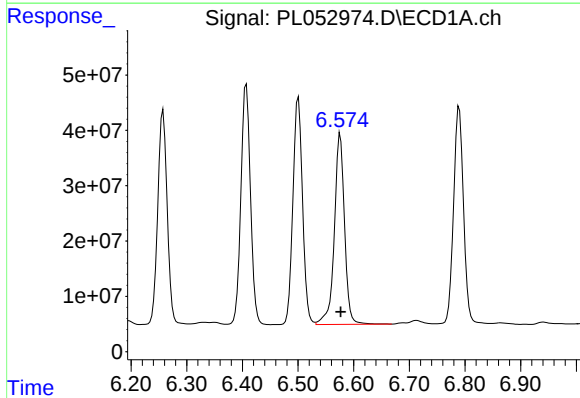
R.T.: 6.501 min
Delta R.T.: -0.001 min
Response: 496861803
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



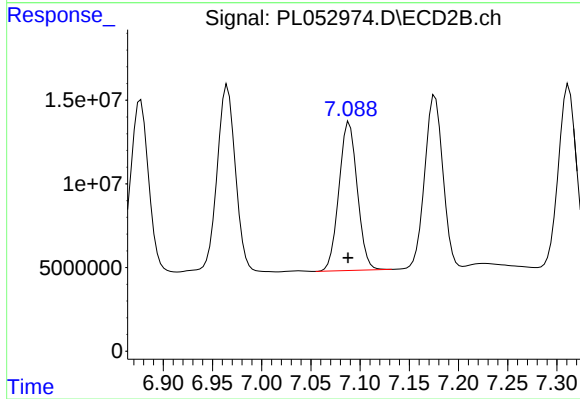
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.002 min
Response: 131454392
Conc: 50.51 ng/ml



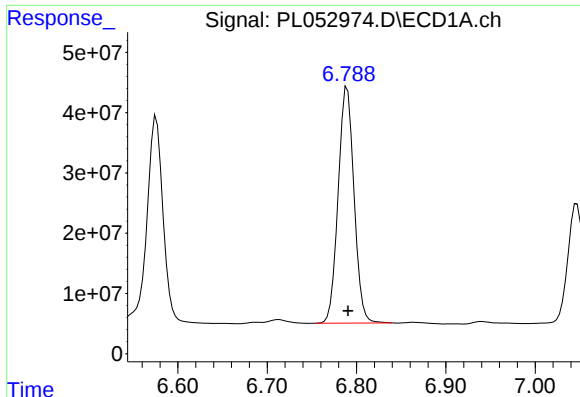
#18 Endrin aldehyde

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 440872262
Conc: 46.95 ng/ml



#18 Endrin aldehyde

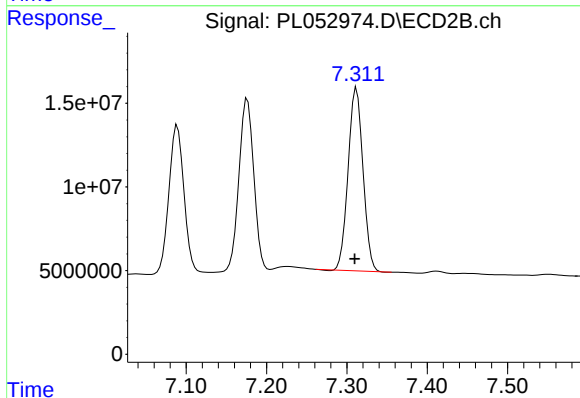
R.T.: 7.089 min
Delta R.T.: 0.001 min
Response: 115128241
Conc: 46.94 ng/ml



#19 Endosulfan Sulfate

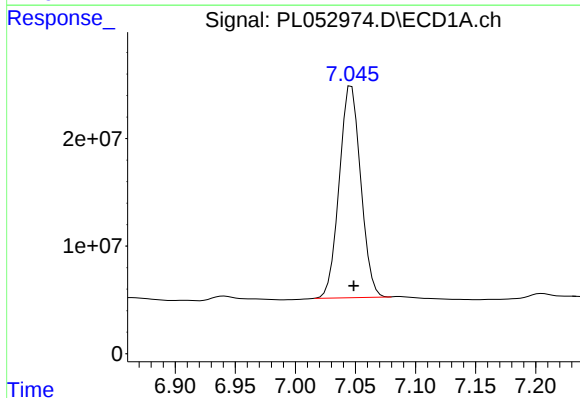
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 483259078
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



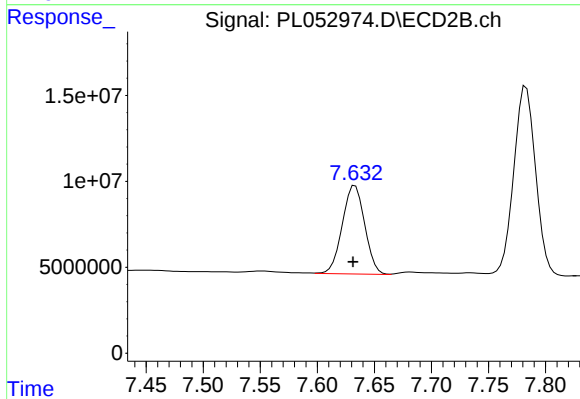
#19 Endosulfan Sulfate

R.T.: 7.312 min
Delta R.T.: 0.002 min
Response: 140853892
Conc: 51.59 ng/ml



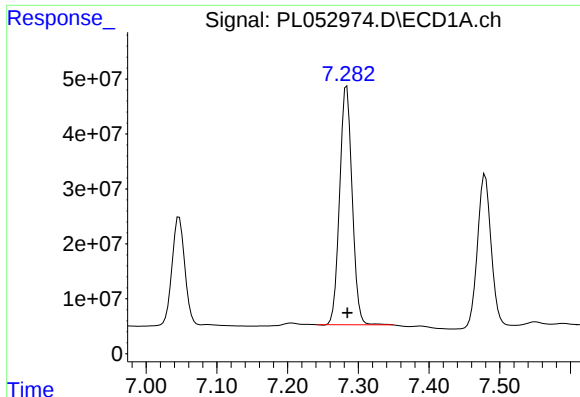
#20 Methoxychlor

R.T.: 7.047 min
Delta R.T.: -0.002 min
Response: 245193663
Conc: 47.54 ng/ml



#20 Methoxychlor

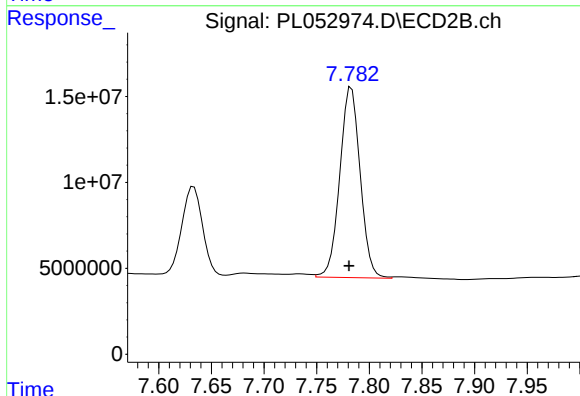
R.T.: 7.633 min
Delta R.T.: 0.002 min
Response: 70332128
Conc: 49.95 ng/ml



#21 Endrin ketone

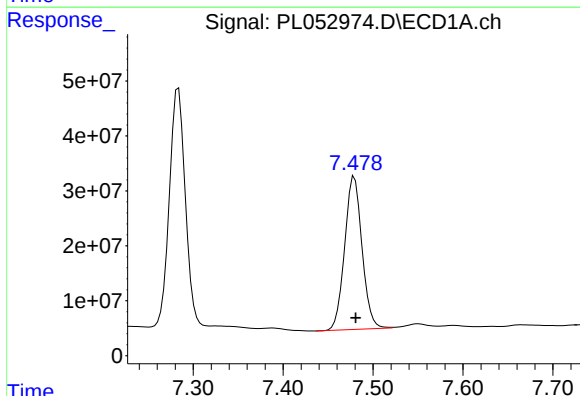
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 534361090
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



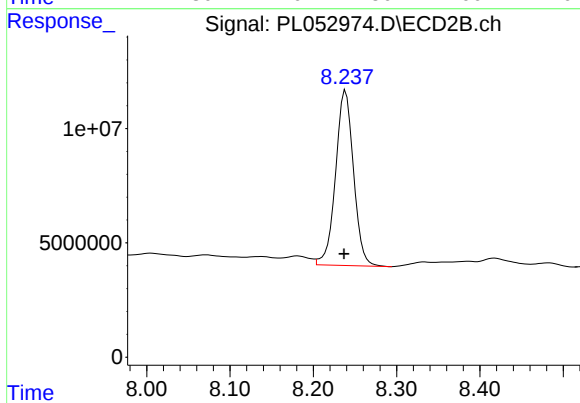
#21 Endrin ketone

R.T.: 7.783 min
Delta R.T.: 0.002 min
Response: 150027135
Conc: 52.59 ng/ml



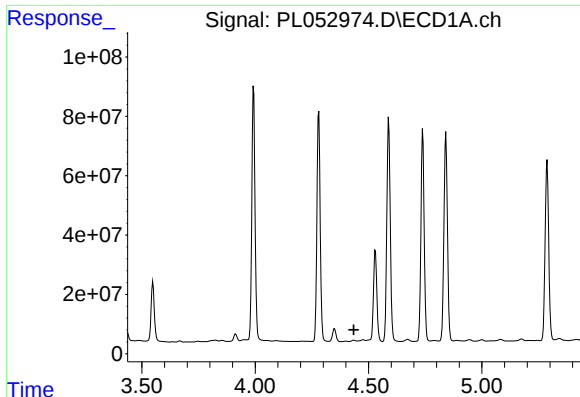
#22 Mirex

R.T.: 7.479 min
Delta R.T.: -0.001 min
Response: 372799431
Conc: 39.48 ng/ml



#22 Mirex

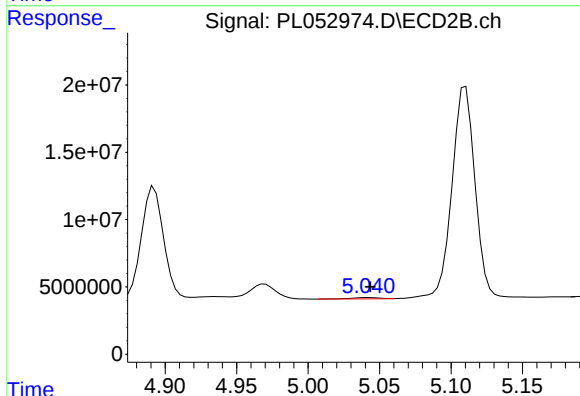
R.T.: 8.239 min
Delta R.T.: 0.002 min
Response: 114668400
Conc: 50.98 ng/ml



#23 Chlordane-1

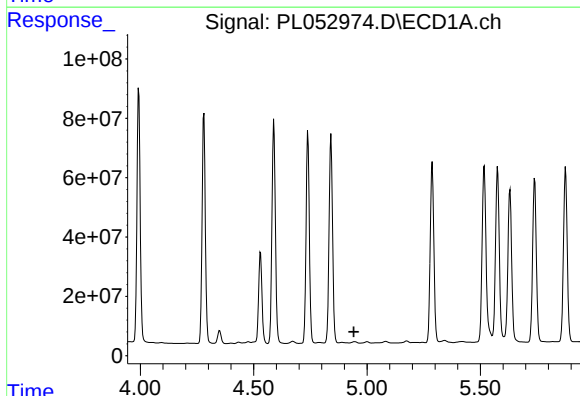
R.T.: 0.000 min
Exp R.T.: 4.435 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



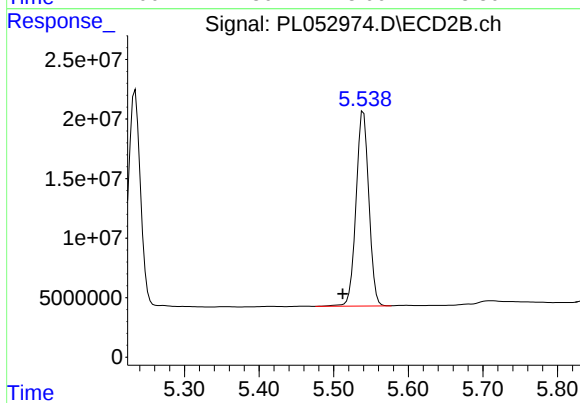
#23 Chlordane-1

R.T.: 5.042 min
Delta R.T.: -0.001 min
Response: 1320918
Conc: 13.02 ng/ml



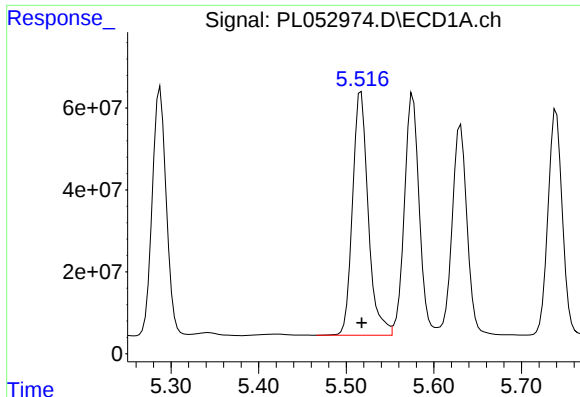
#24 Chlordane-2

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



#24 Chlordane-2

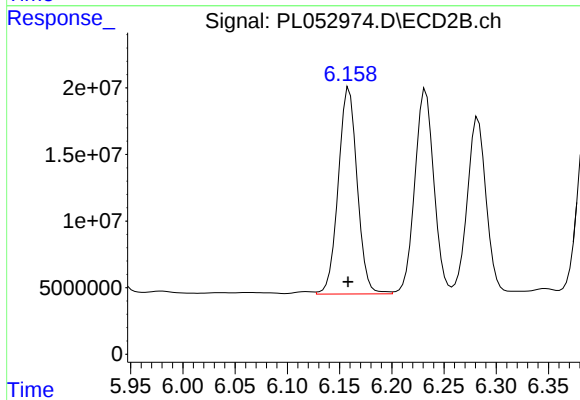
R.T.: 5.540 min
Delta R.T.: 0.028 min
Response: 195253983
Conc: 1744.55 ng/ml



#25 Chlordane-3

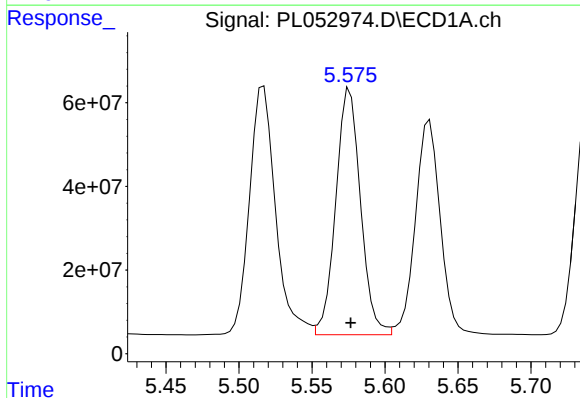
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 740486395
Conc: 639.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



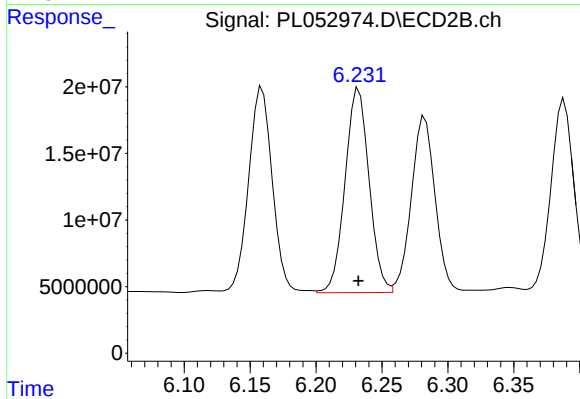
#25 Chlordane-3

R.T.: 6.159 min
Delta R.T.: 0.001 min
Response: 195322112
Conc: 448.49 ng/ml



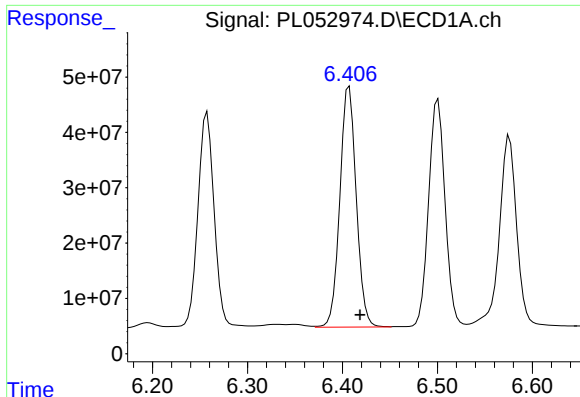
#26 Chlordane-4

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 694825645
Conc: 728.01 ng/ml



#26 Chlordane-4

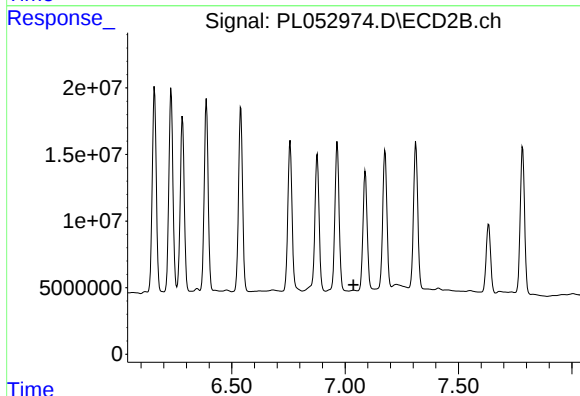
R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 194707199
Conc: 366.68 ng/ml



#27 Chlordane-5

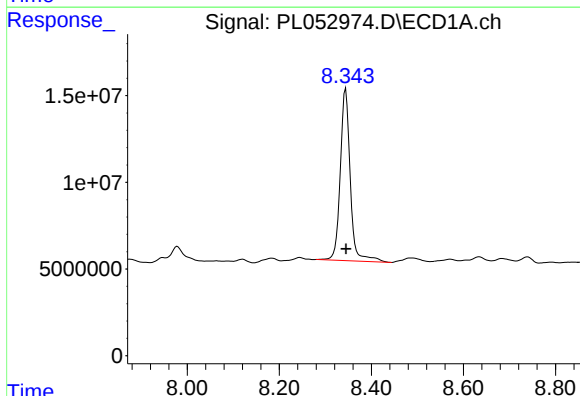
R.T.: 6.407 min
Delta R.T.: -0.011 min
Response: 523144377
Conc: 1326.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-060MSD



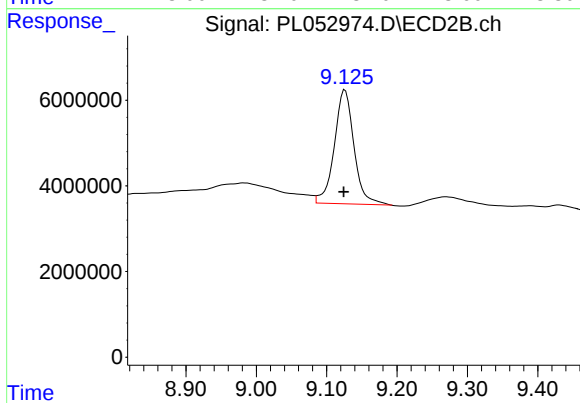
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 149198183
Conc: 14.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 50622877
Conc: 17.26 ng/ml