

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100219\
 Data File : PL053025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2019 23:28
 Operator : SG\AJ
 Sample : K4663-12MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-01-093019MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:17:04 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...	3.548	4.048	170.7E6	50613395	17.166	18.849
28)	SA Decachlor...	8.343	9.126	165.5E6	57373306	16.523	19.556
Target Compounds							
2)	A alpha-BHC	3.993	4.439	837.6E6	225.2E6	52.512	58.658
3)	MA gamma-BHC...	4.279	4.724	782.5E6	211.0E6	53.723	58.275
4)	MA Heptachlor	4.588	5.235	782.6E6	212.1E6	52.373	55.649
5)	MB Aldrin	4.840	5.540	754.9E6	203.5E6	54.878	58.707
6)	B beta-BHC	4.529	4.893	322.6E6	94445254	51.960	60.087
7)	B delta-BHC	4.738	5.111	727.6E6	198.8E6	50.778	54.923
8)	B Heptachlo...	5.287	5.926	698.3E6	190.6E6	53.588	56.883
9)	A Endosulfan I	5.630	6.283	634.9E6	179.7E6	52.316	57.483
10)	B gamma-Chl...	5.516	6.159	705.9E6	191.9E6	52.493	56.720
11)	B alpha-Chl...	5.575	6.232	681.6E6	190.2E6	51.678	56.512
12)	B 4,4'-DDE	5.738	6.388	633.4E6	190.4E6	54.574	58.291
13)	MA Dieldrin	5.874	6.540	680.7E6	188.8E6	52.733	57.885
14)	MA Endrin	6.133	6.757	573.0E6	154.2E6	50.304	55.512
15)	B Endosulfa...	6.406	6.965	566.8E6	166.0E6	49.460	55.961
16)	A 4,4'-DDD	6.256	6.877	508.6E6	152.2E6	56.580	62.068
17)	MA 4,4'-DDT	6.499	7.176	497.7E6	139.9E6	48.733	53.768
18)	B Endrin al...	6.574	7.090	466.4E6	138.0E6	49.669	56.282
19)	B Endosulfa...	6.788	7.312	548.9E6	156.7E6	52.732	57.391
20)	A Methoxychlor	7.046	7.633	241.9E6	74685840	46.902	53.047
21)	B Endrin ke...	7.282	7.783	589.4E6	172.7E6	50.568	60.519
22)	Mirex	7.478	8.238	423.1E6	119.4E6	44.806	53.084
24)	Chlordane-2	0.000	5.540f	0	203.5E6	N.D.	1817.852 #
25)	Chlordane-3	5.516	6.159	705.9E6	191.9E6	609.248	440.607 #
26)	Chlordane-4	5.575	6.232	681.6E6	190.2E6	714.149	358.225 #
27)	Chlordane-5	6.406	0.000	566.8E6	0	1436.955	N.D. #

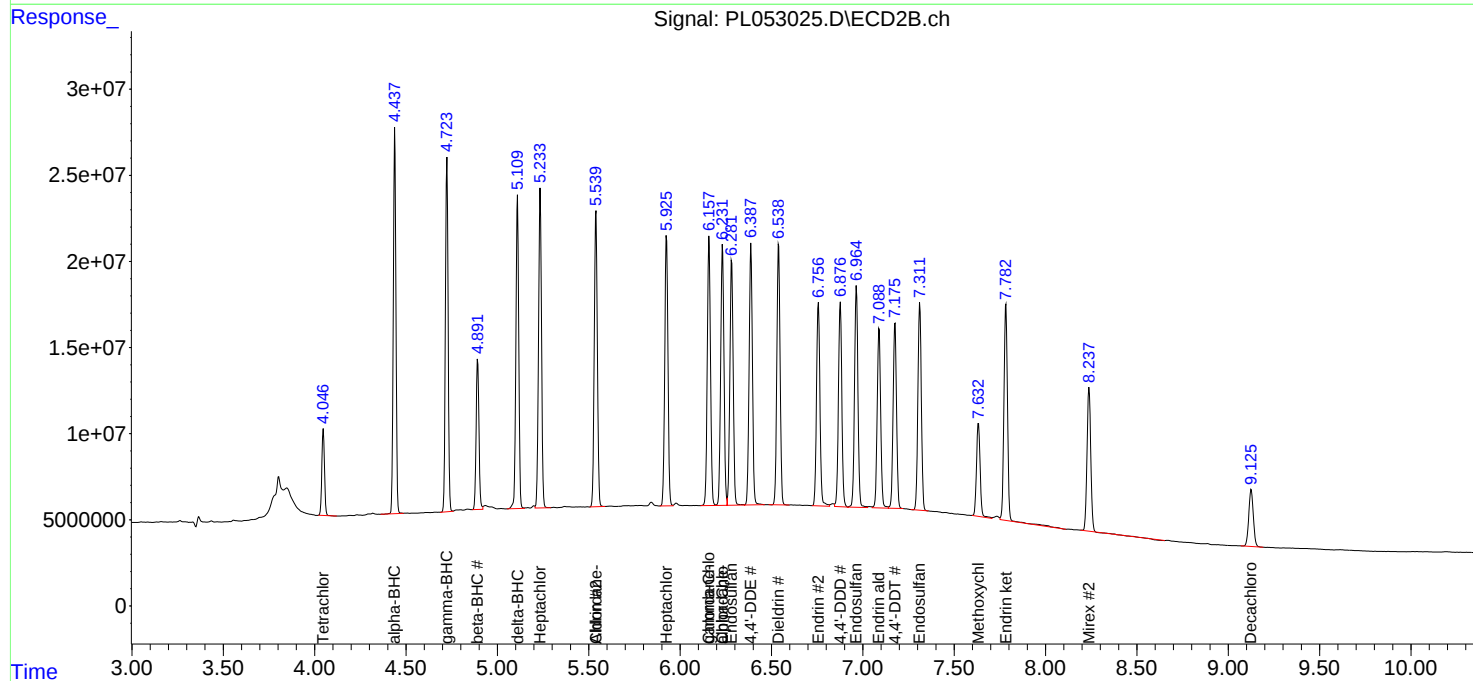
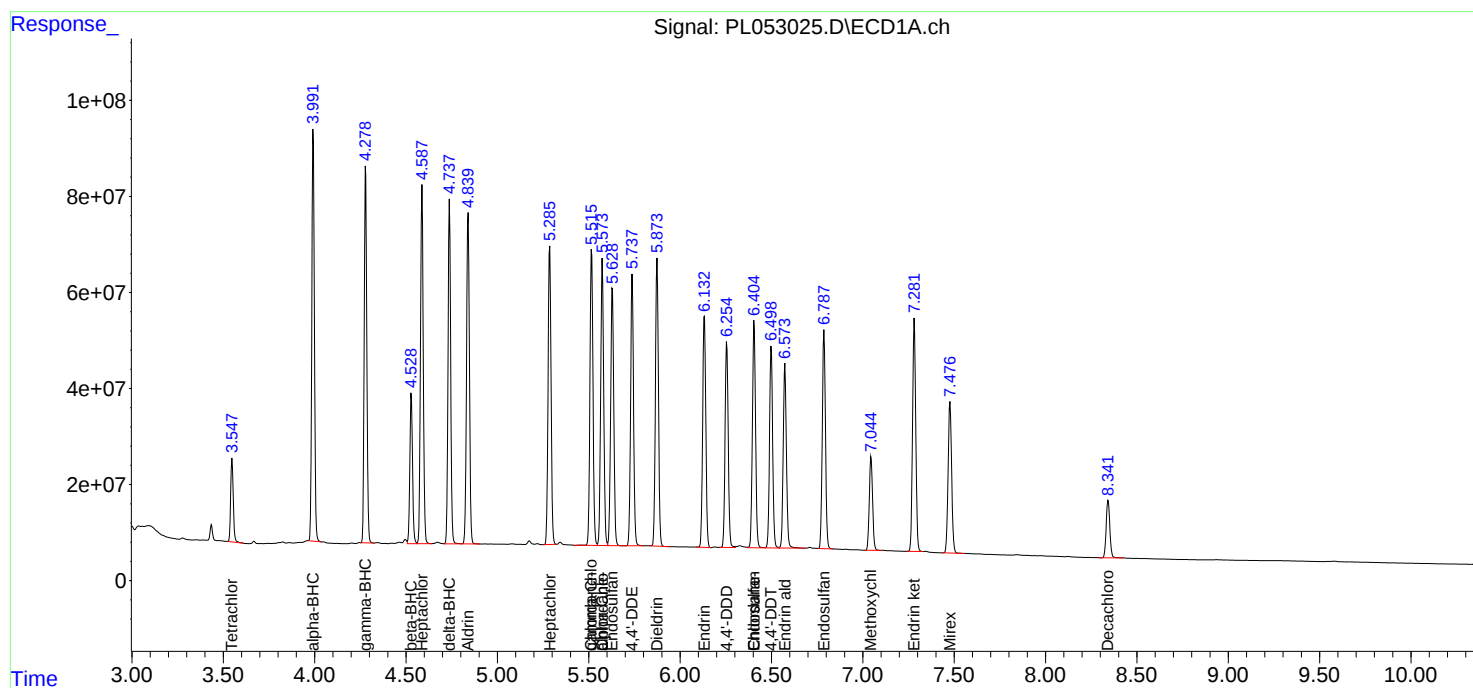
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

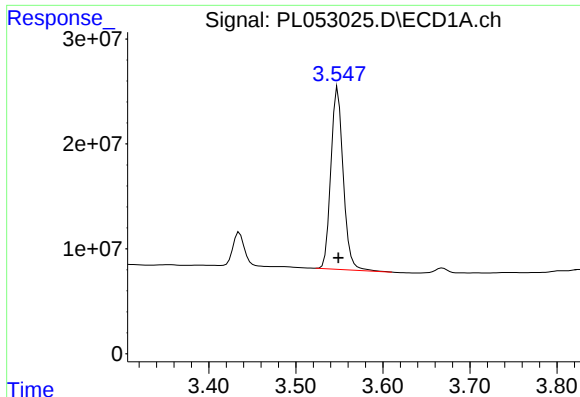
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100219\
Data File : PL053025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2019 23:28
Operator : SG\AJ
Sample : K4663-12MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-093019MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:17:04 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
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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

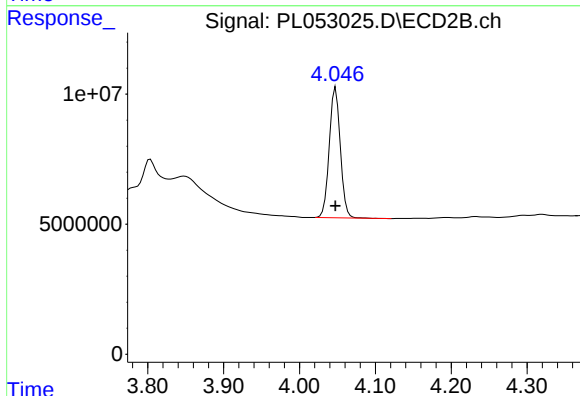




#1 Tetrachloro-m-xylene

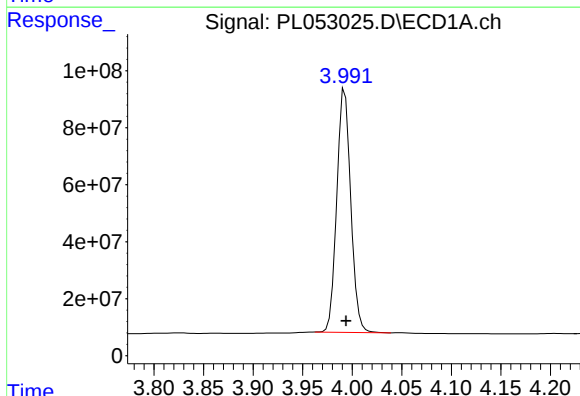
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 170744395
Conc: 17.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



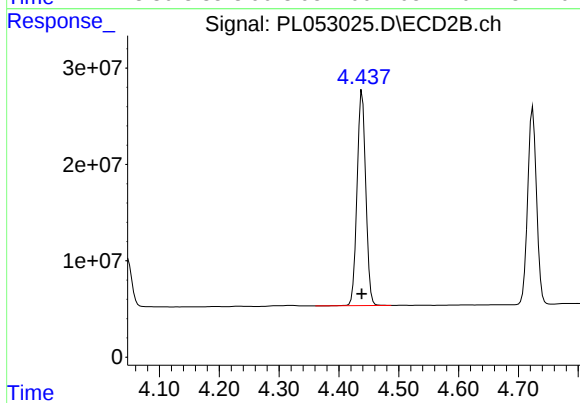
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 50613395
Conc: 18.85 ng/ml



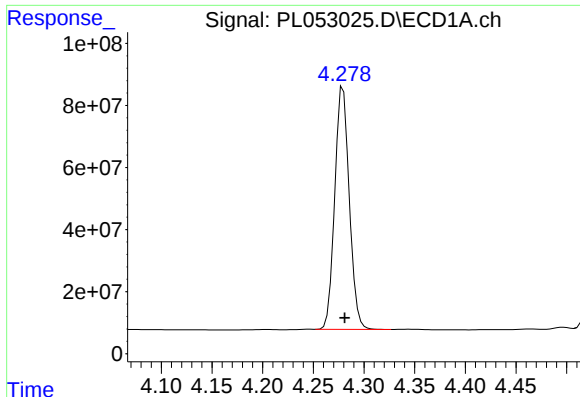
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 837588720
Conc: 52.51 ng/ml



#2 alpha-BHC

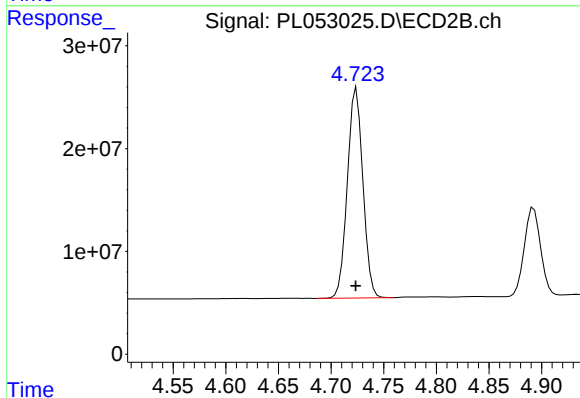
R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 225248913
Conc: 58.66 ng/ml



#3 gamma-BHC (Lindane)

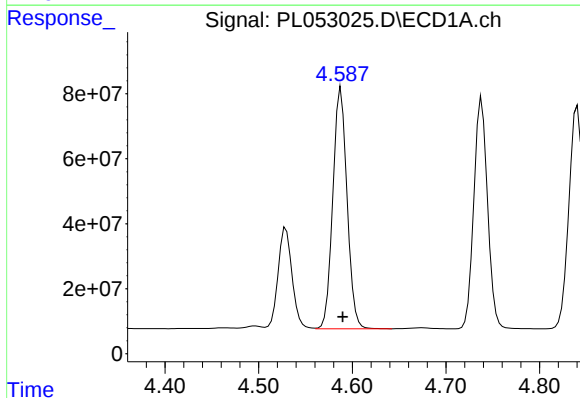
R.T.: 4.279 min
Delta R.T.: -0.001 min
Response: 782458140
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



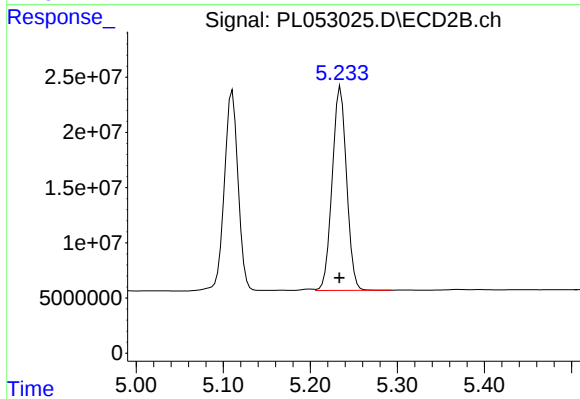
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 211026370
Conc: 58.28 ng/ml



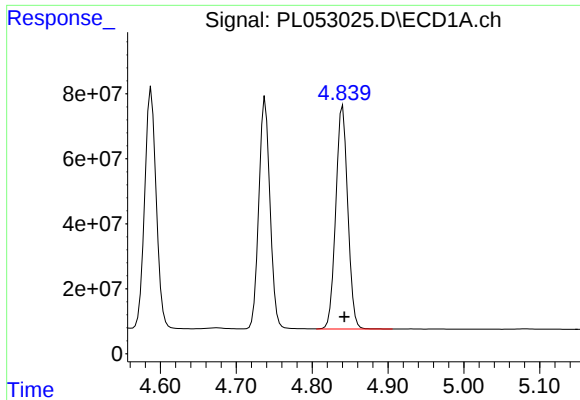
#4 Heptachlor

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 782553293
Conc: 52.37 ng/ml



#4 Heptachlor

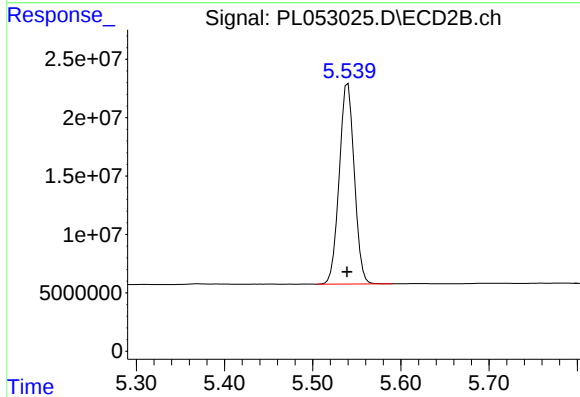
R.T.: 5.235 min
Delta R.T.: 0.001 min
Response: 212062298
Conc: 55.65 ng/ml



#5 Aldrin

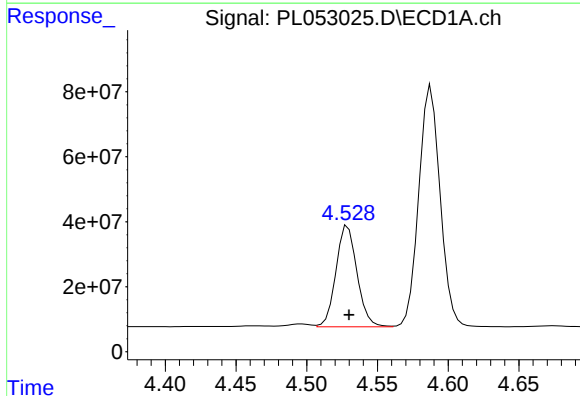
R.T.: 4.840 min
Delta R.T.: -0.002 min
Response: 754859714
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



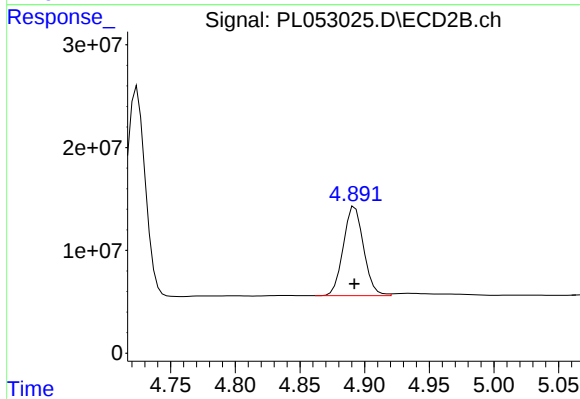
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.001 min
Response: 203458274
Conc: 58.71 ng/ml



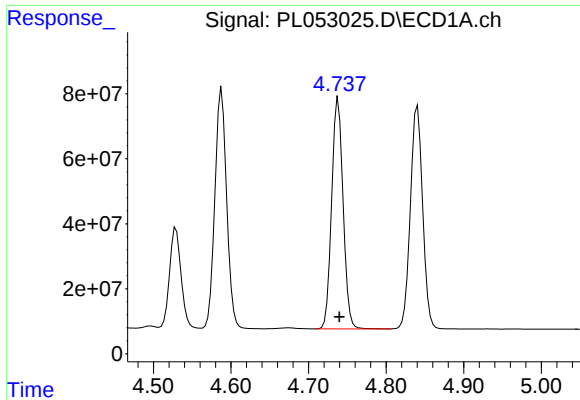
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 322594729
Conc: 51.96 ng/ml



#6 beta-BHC

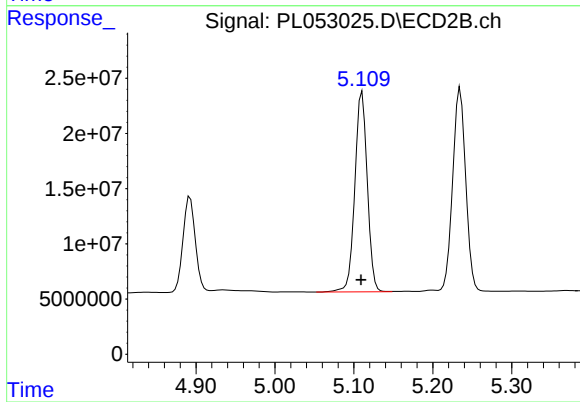
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 94445254
Conc: 60.09 ng/ml



#7 delta-BHC

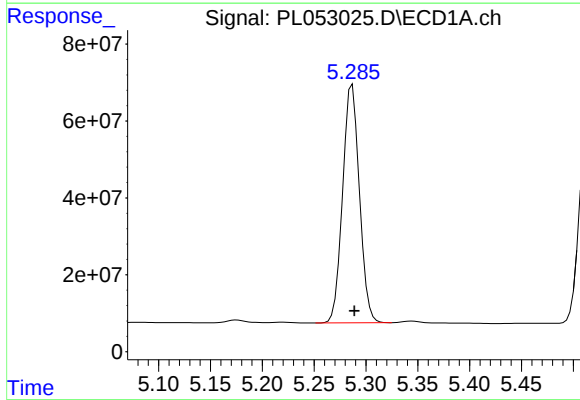
R.T.: 4.738 min
Delta R.T.: -0.001 min
Response: 727612131
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



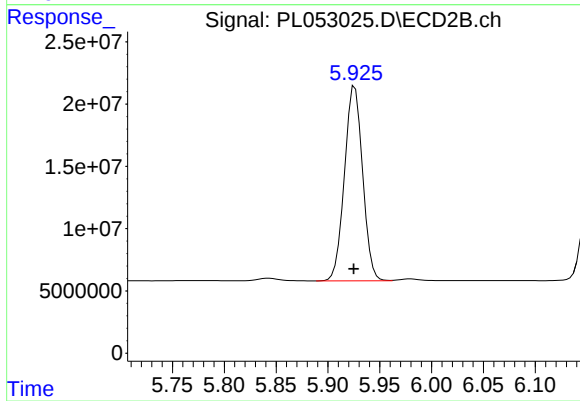
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.001 min
Response: 198814433
Conc: 54.92 ng/ml



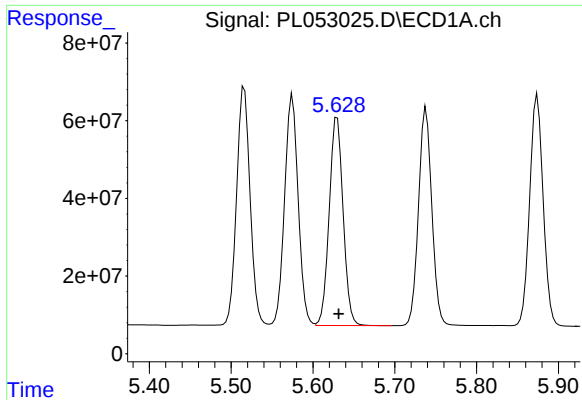
#8 Heptachlor epoxide

R.T.: 5.287 min
Delta R.T.: -0.002 min
Response: 698308226
Conc: 53.59 ng/ml



#8 Heptachlor epoxide

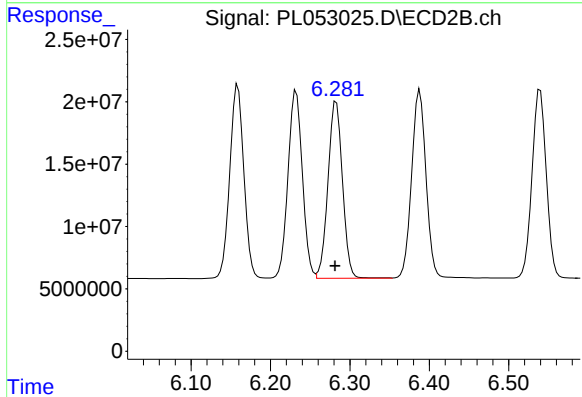
R.T.: 5.926 min
Delta R.T.: 0.001 min
Response: 190644669
Conc: 56.88 ng/ml



#9 Endosulfan I

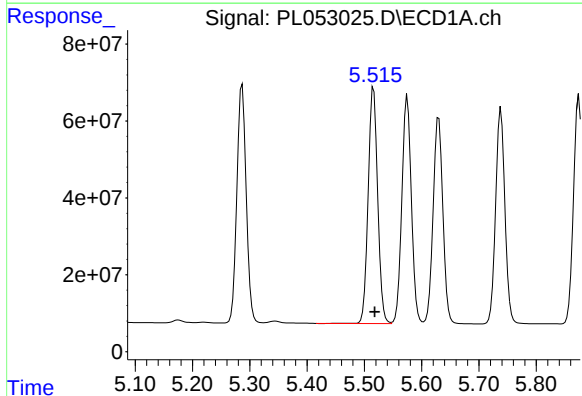
R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 634902200
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



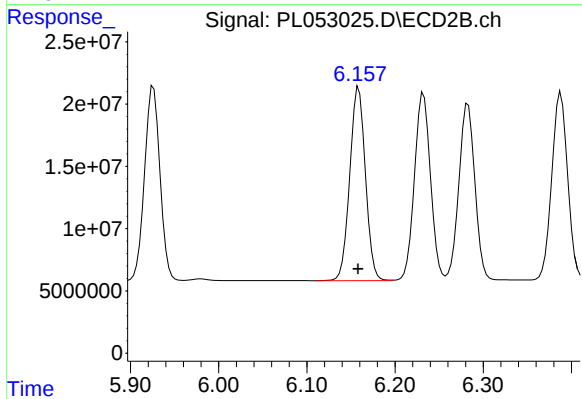
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: 0.002 min
Response: 179674714
Conc: 57.48 ng/ml



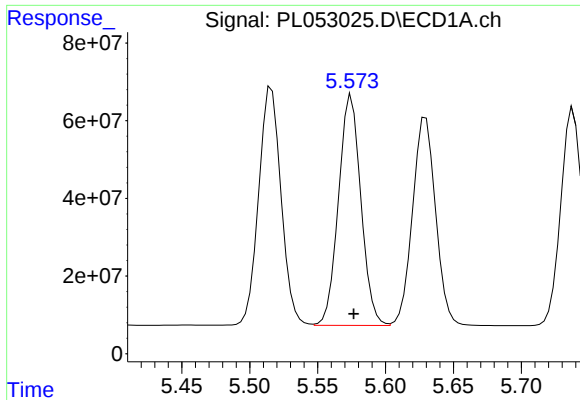
#10 gamma-Chlordane

R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 705934585
Conc: 52.49 ng/ml



#10 gamma-Chlordane

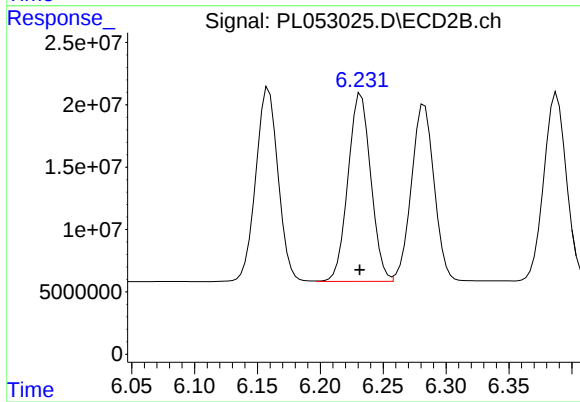
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 191888417
Conc: 56.72 ng/ml



#11 alpha-Chlordane

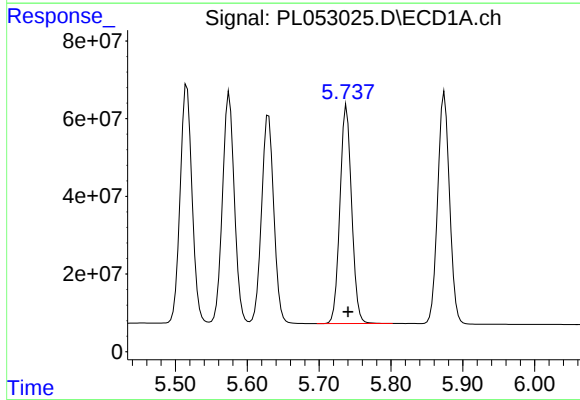
R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 681591650
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



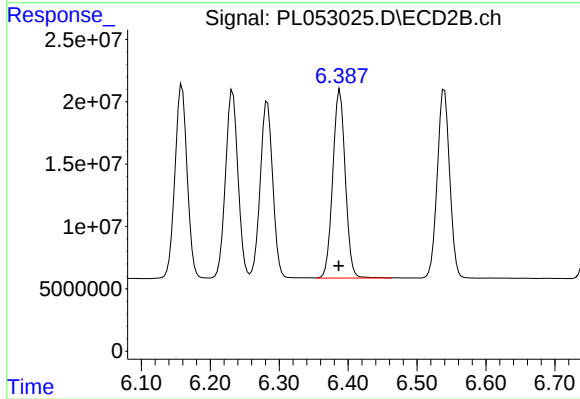
#11 alpha-Chlordane

R.T.: 6.232 min
Delta R.T.: 0.001 min
Response: 190216529
Conc: 56.51 ng/ml



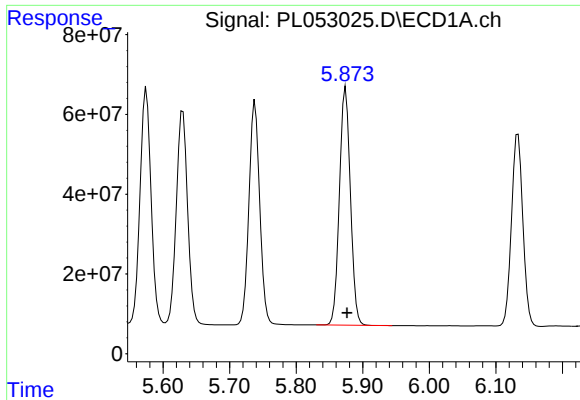
#12 4,4'-DDE

R.T.: 5.738 min
Delta R.T.: -0.002 min
Response: 633410838
Conc: 54.57 ng/ml



#12 4,4'-DDE

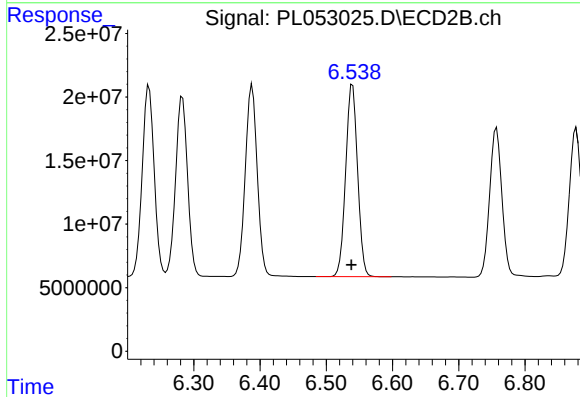
R.T.: 6.388 min
Delta R.T.: 0.002 min
Response: 190388516
Conc: 58.29 ng/ml



#13 Dieldrin

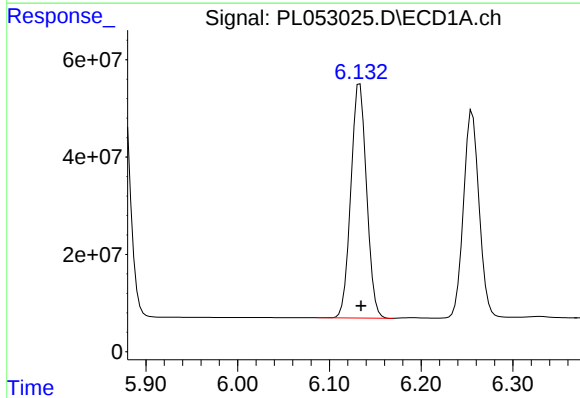
R.T.: 5.874 min
Delta R.T.: -0.002 min
Response: 680679897
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



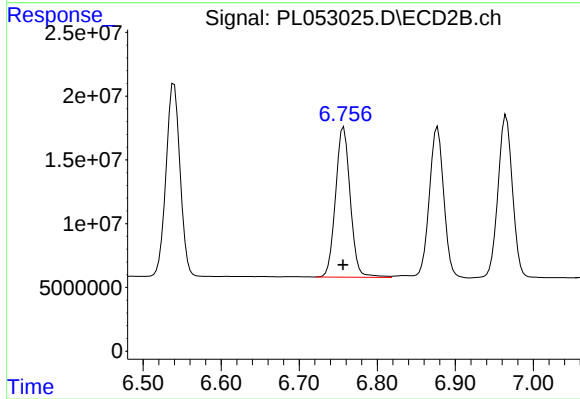
#13 Dieldrin

R.T.: 6.540 min
Delta R.T.: 0.002 min
Response: 188819182
Conc: 57.89 ng/ml



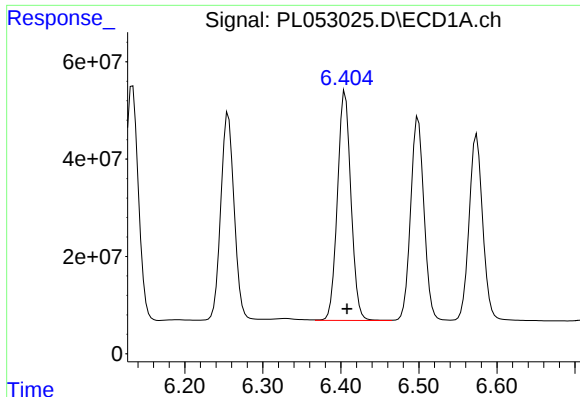
#14 Endrin

R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 573003938
Conc: 50.30 ng/ml



#14 Endrin

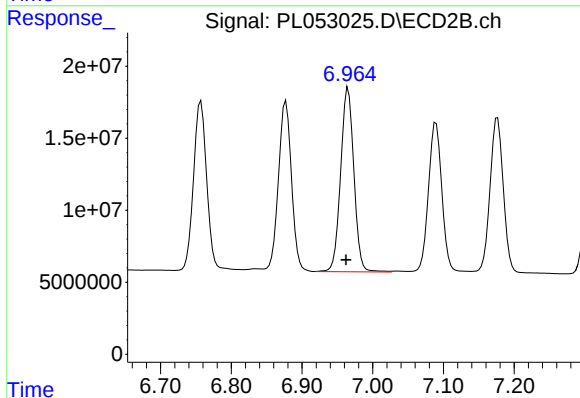
R.T.: 6.757 min
Delta R.T.: 0.001 min
Response: 154151000
Conc: 55.51 ng/ml



#15 Endosulfan II

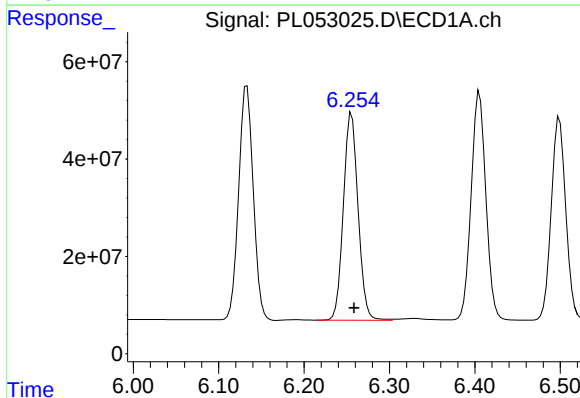
R.T.: 6.406 min
Delta R.T.: -0.003 min
Response: 566784312
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



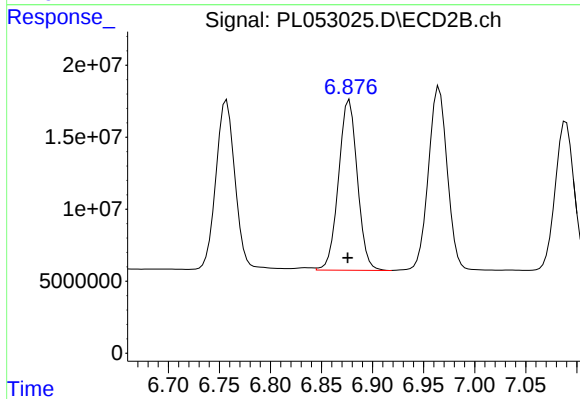
#15 Endosulfan II

R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 166034048
Conc: 55.96 ng/ml



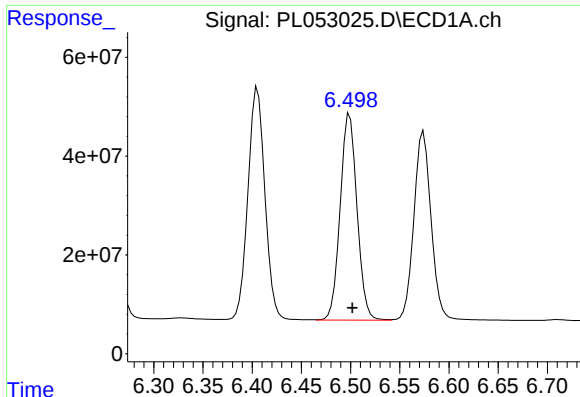
#16 4,4'-DDD

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 508557168
Conc: 56.58 ng/ml



#16 4,4'-DDD

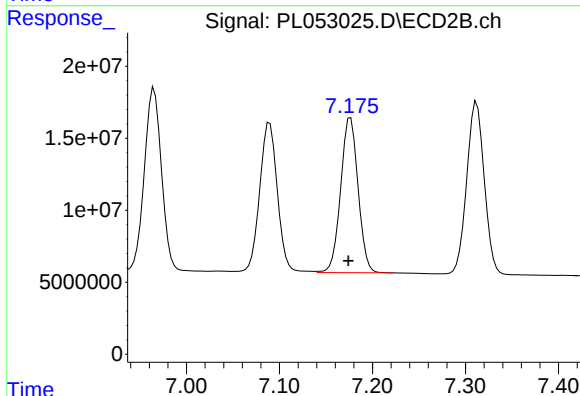
R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 152224361
Conc: 62.07 ng/ml



#17 4,4'-DDT

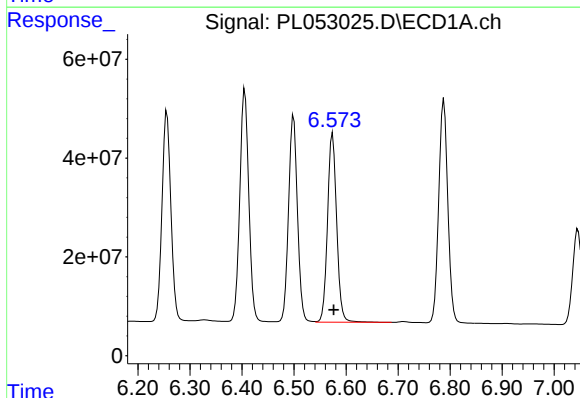
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 497685245
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



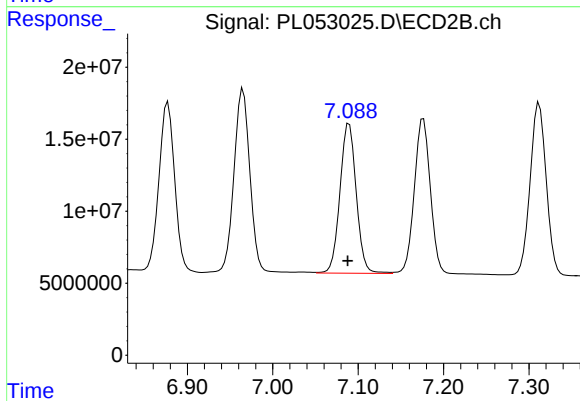
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.002 min
Response: 139933312
Conc: 53.77 ng/ml



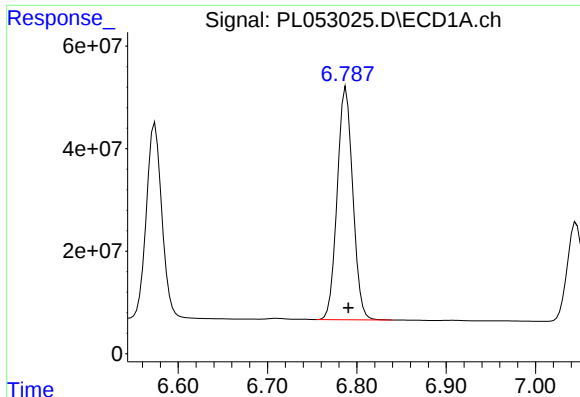
#18 Endrin aldehyde

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 466430928
Conc: 49.67 ng/ml



#18 Endrin aldehyde

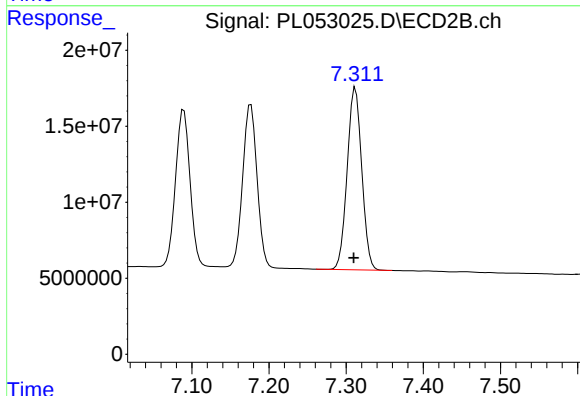
R.T.: 7.090 min
Delta R.T.: 0.002 min
Response: 138041520
Conc: 56.28 ng/ml



#19 Endosulfan Sulfate

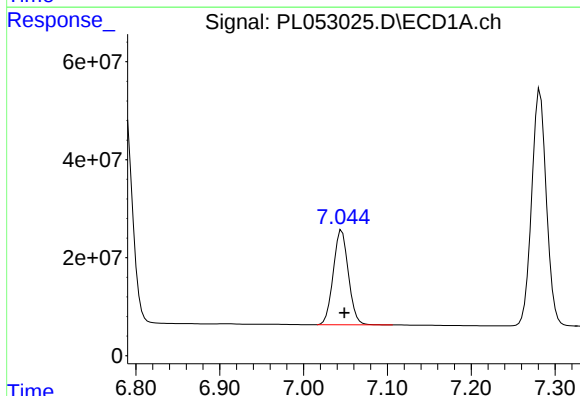
R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 548896037
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



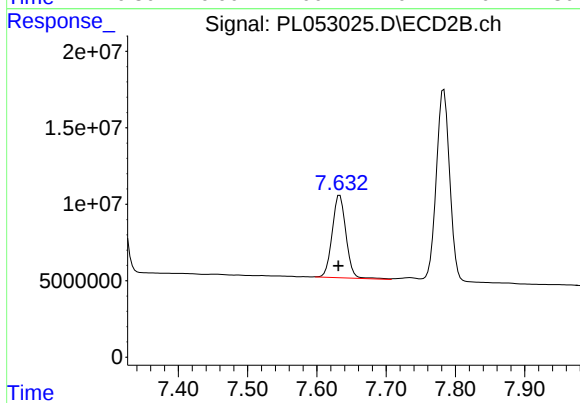
#19 Endosulfan Sulfate

R.T.: 7.312 min
Delta R.T.: 0.002 min
Response: 156700504
Conc: 57.39 ng/ml



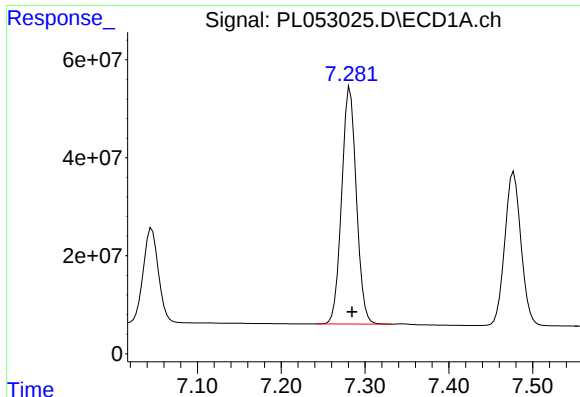
#20 Methoxychlor

R.T.: 7.046 min
Delta R.T.: -0.003 min
Response: 241926023
Conc: 46.90 ng/ml



#20 Methoxychlor

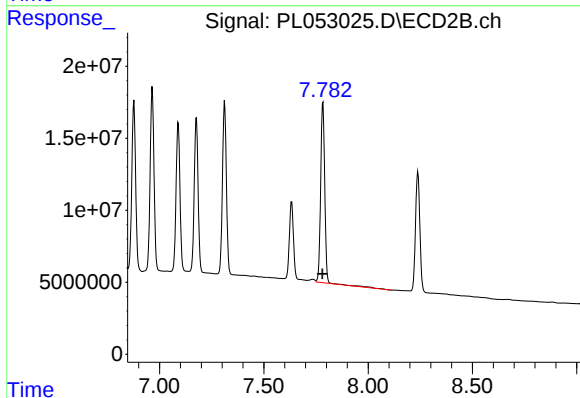
R.T.: 7.633 min
Delta R.T.: 0.002 min
Response: 74685840
Conc: 53.05 ng/ml



#21 Endrin ketone

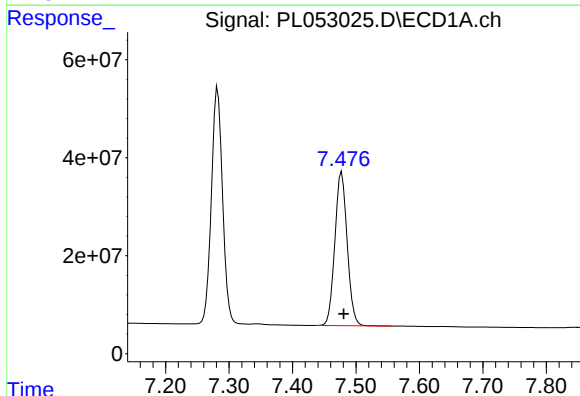
R.T.: 7.282 min
Delta R.T.: -0.002 min
Response: 589368081
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



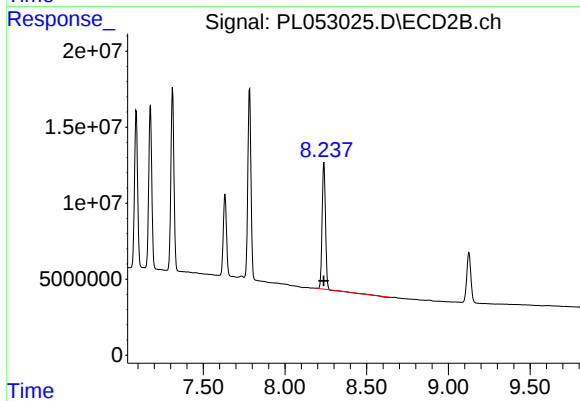
#21 Endrin ketone

R.T.: 7.783 min
Delta R.T.: 0.002 min
Response: 172655111
Conc: 60.52 ng/ml



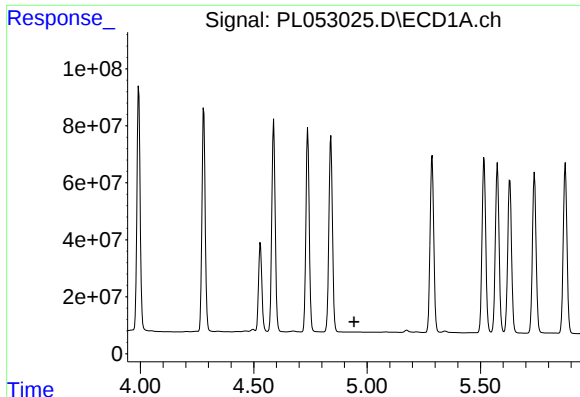
#22 Mirex

R.T.: 7.478 min
Delta R.T.: -0.003 min
Response: 423123989
Conc: 44.81 ng/ml



#22 Mirex

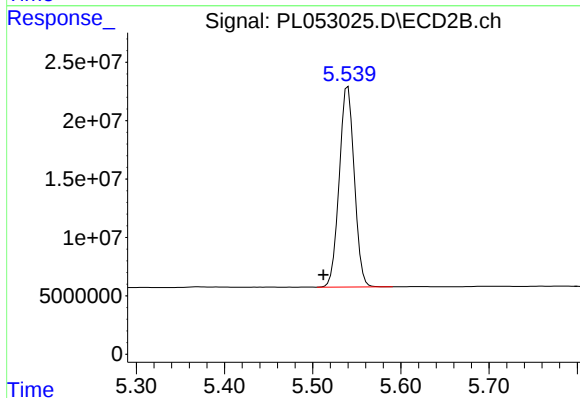
R.T.: 8.238 min
Delta R.T.: 0.001 min
Response: 119399108
Conc: 53.08 ng/ml



#24 Chlordane-2

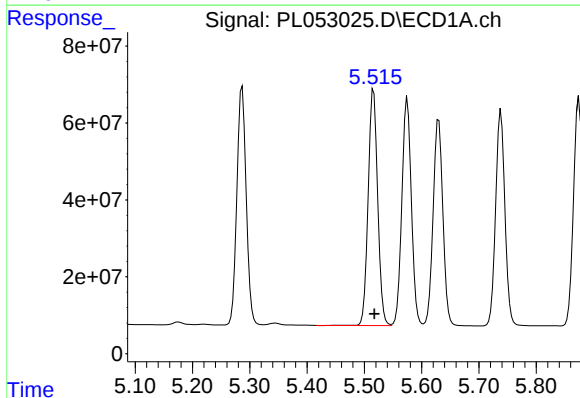
R.T.: 0.000 min
Exp R.T.: 4.942 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



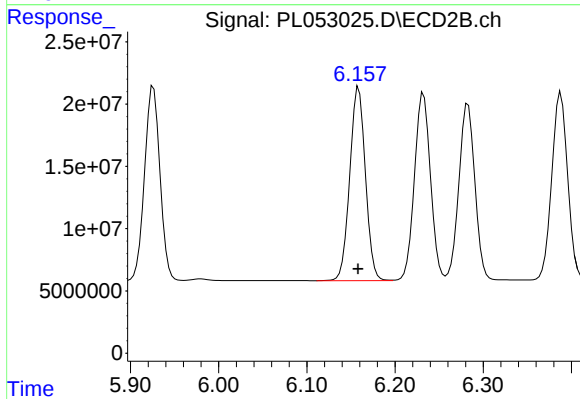
#24 Chlordane-2

R.T.: 5.540 min
Delta R.T.: 0.028 min
Response: 203458274
Conc: 1817.85 ng/ml



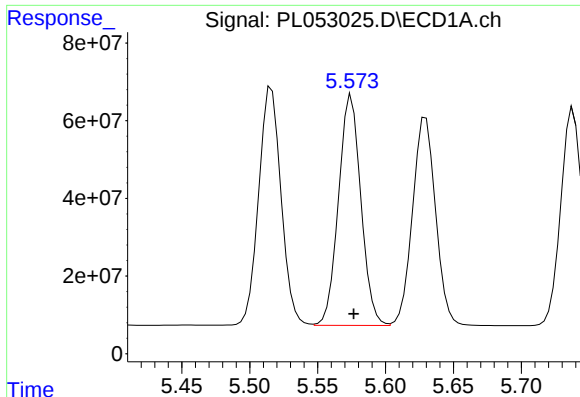
#25 Chlordane-3

R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 705934585
Conc: 609.25 ng/ml



#25 Chlordane-3

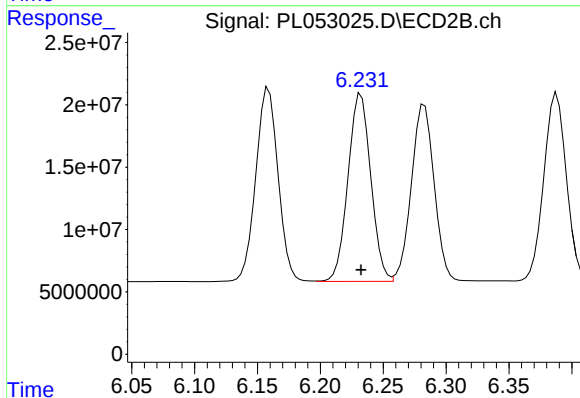
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 191888417
Conc: 440.61 ng/ml



#26 Chlordane-4

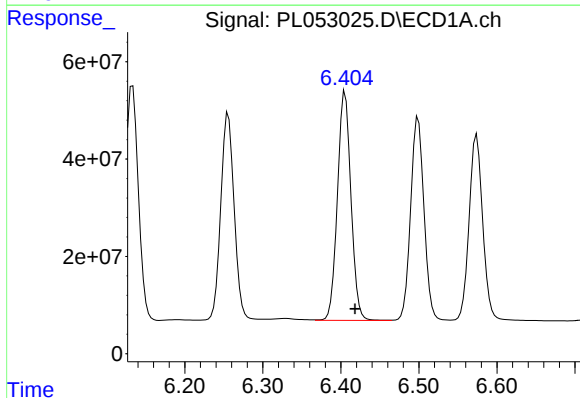
R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 681591650
Conc: 714.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



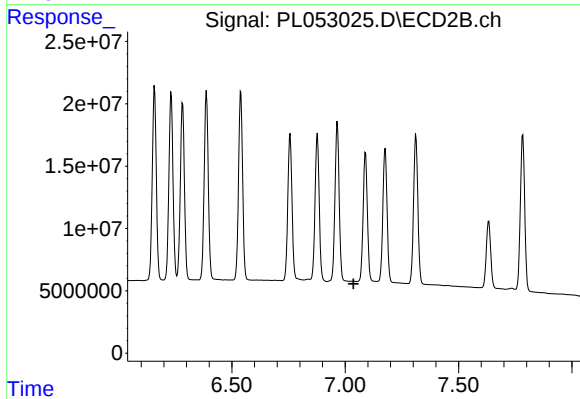
#26 Chlordane-4

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 190216529
Conc: 358.23 ng/ml



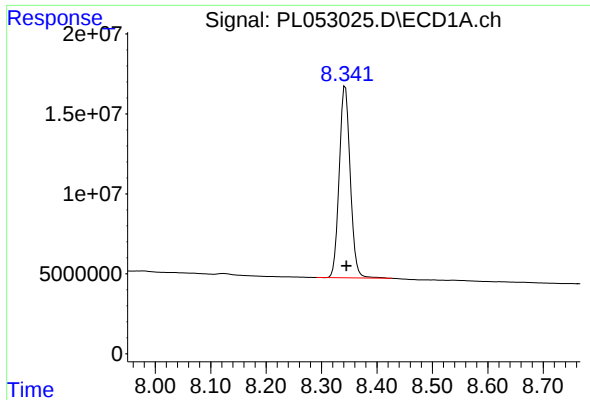
#27 Chlordane-5

R.T.: 6.406 min
Delta R.T.: -0.013 min
Response: 566784312
Conc: 1436.96 ng/ml



#27 Chlordane-5

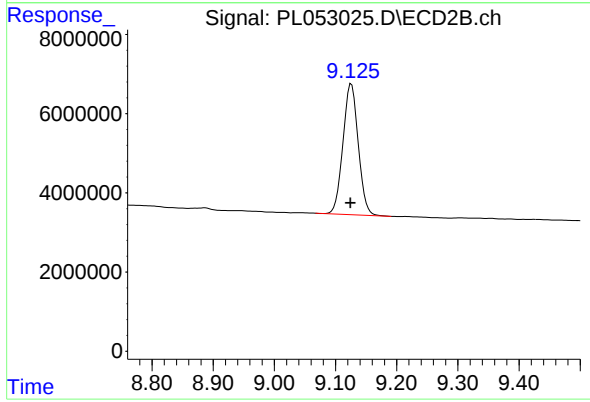
R.T.: 0.000 min
Exp R.T.: 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.343 min
Delta R.T.: -0.002 min
Response: 165495034
Conc: 16.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-093019MSD



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 57373306
Conc: 19.56 ng/ml