

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091319\
 Data File : PL052454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2019 16:55
 Operator : SG\AJ
 Sample : K4861-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-11-S(1.5-4)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 09:02:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091119.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 12 03:37:35 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...	3.313	3.923	177.6E6	46986544	19.709	21.575
28)	SA Decachlor...	7.967	8.945	128.0E6	32250637	9.123	10.870
Target Compounds							
2)	A alpha-BHC	3.740	4.311	845.2E6	176.1E6	55.881	54.746
3)	MA gamma-BHC...	4.015	4.594	780.6E6	172.2E6	54.741	55.073
4)	MA Heptachlor	4.297	5.094	820.6E6	178.5E6	51.644	50.929
5)	MB Aldrin	4.535	5.395	758.4E6	165.4E6	51.856	48.256
6)	B beta-BHC	4.270	4.771	318.9E6	78984415	53.812	50.210
7)	B delta-BHC	4.462	4.984	545.0E6	109.4E6	35.292	34.496
8)	B Heptachlor...	4.971	5.781	670.9E6	152.6E6	45.502	43.163
9)	A Endosulfan I	5.300	6.137	591.4E6	139.1E6	39.842	40.917
10)	B gamma-Chl...	5.193	6.016	662.1E6	153.1E6	40.413	40.326
11)	B alpha-Chl...	5.248	6.087	633.5E6	152.2E6	39.849	41.680
12)	B 4,4'-DDE	5.415	6.247	621.5E6	142.7E6	38.687	38.884
13)	MA Dieldrin	5.539	6.393	653.0E6	146.4E6	39.063	40.670
14)	MA Endrin	5.791	6.609	601.9E6	128.0E6	37.520	40.836
15)	B Endosulfa...	6.066	6.822	495.3E6	120.7E6	31.831	35.038
16)	A 4,4'-DDD	5.925	6.738	469.0E6	108.1E6	34.694	36.989
17)	MA 4,4'-DDT	6.159	7.034	454.8E6	105.9E6	32.305	33.331
18)	B Endrin al...	6.233	6.946	389.1E6	97515458	30.522	33.008
19)	B Endosulfa...	6.444	7.169	448.0E6	107.8E6	30.238	33.047
20)	A Methoxychlor	6.703	7.495	230.3E6	58459183	31.583	34.207
21)	B Endrin ke...	6.924	7.636	498.7E6	119.4E6	30.460	34.857
22)	Mirex	7.097	8.083	330.7E6	82029037	27.431	30.512
24)	Chlordane-2	0.000	5.395f	0	165.4E6	N.D.	1637.276 #
25)	Chlordane-3	5.193	6.016	662.1E6	153.1E6	497.307	350.616 #
26)	Chlordane-4	5.248	6.087	633.5E6	152.2E6	502.821	290.356 #
27)	Chlordane-5	6.066	0.000	495.3E6	0	958.153	N.D. #

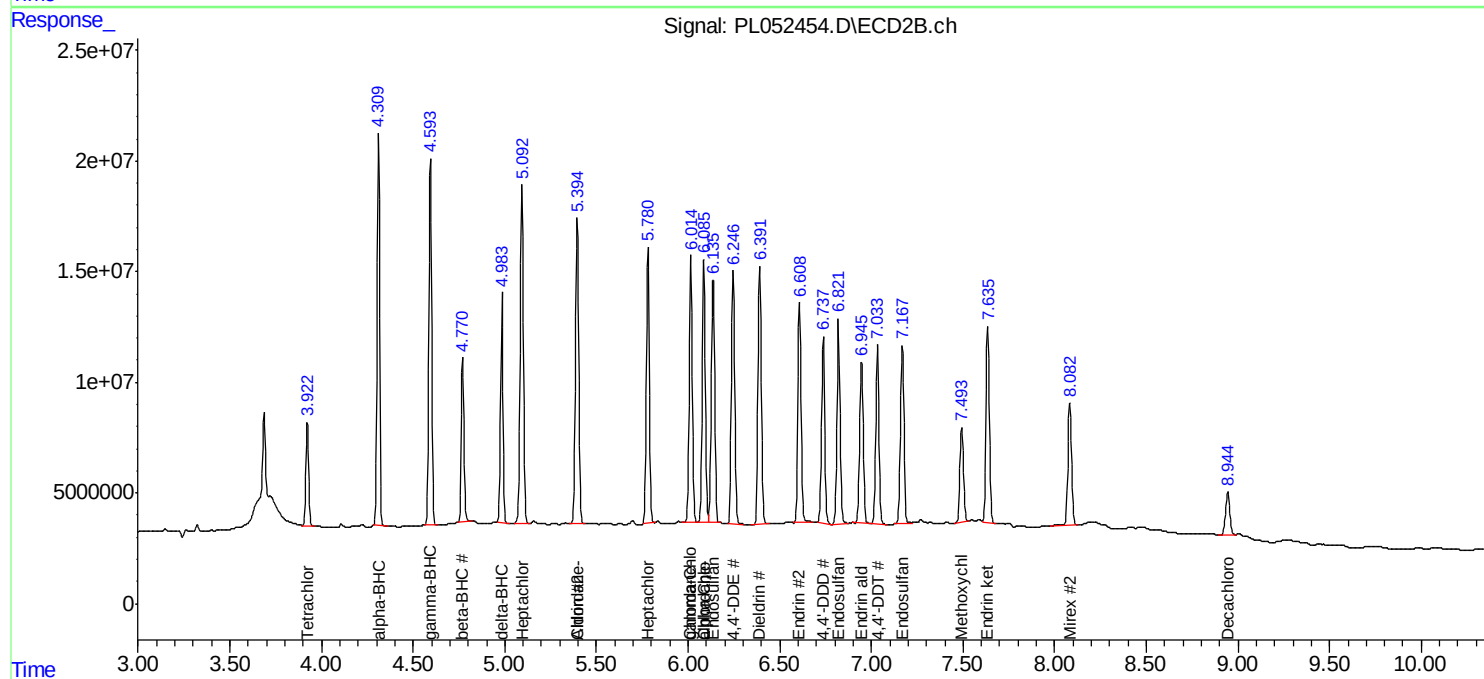
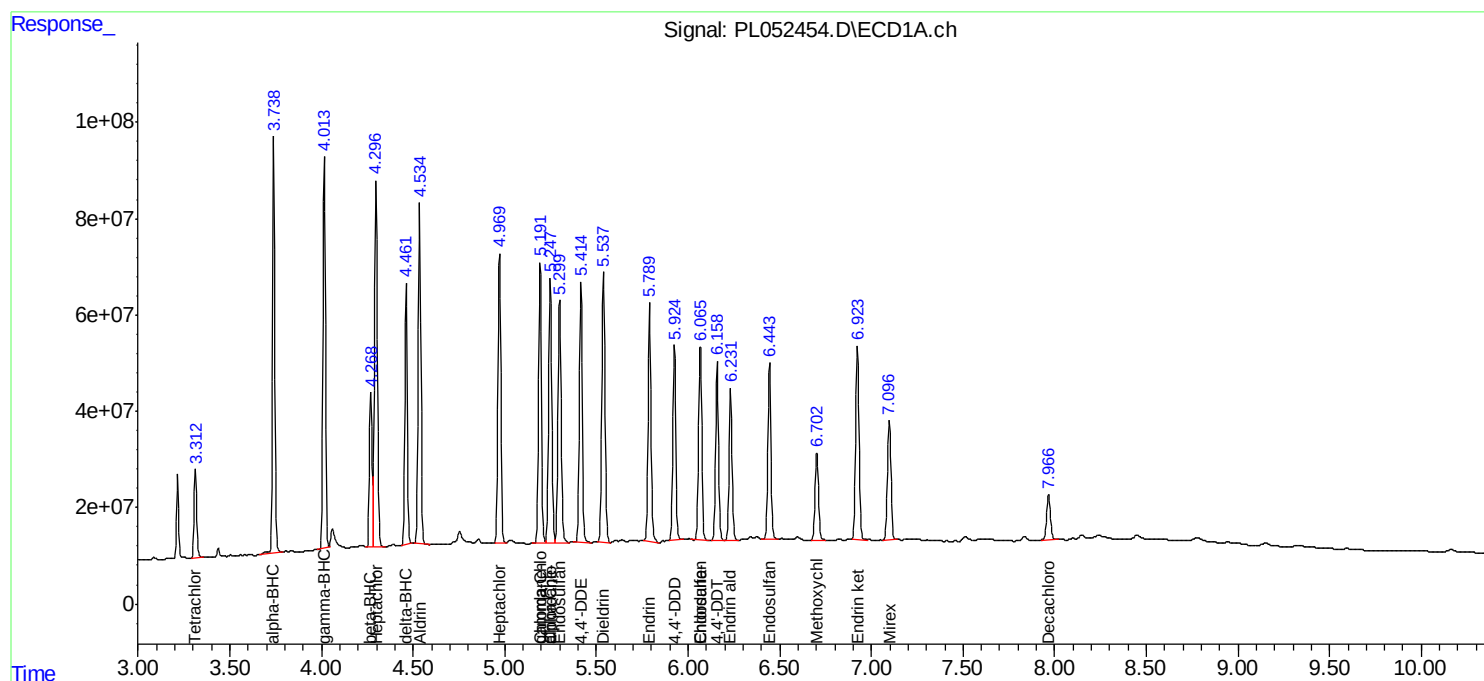
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

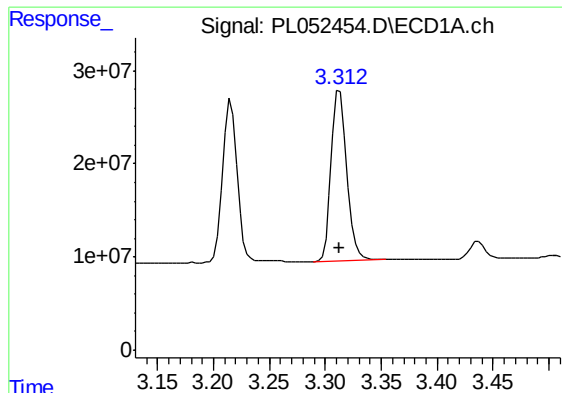
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091319\
Data File : PL052454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2019 16:55
Operator : SG\AJ
Sample : K4861-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-11-S(1.5-4)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 09:02:36 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091119.M
Quant Title : GC Extractables
QLast Update : Thu Sep 12 03:37:35 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

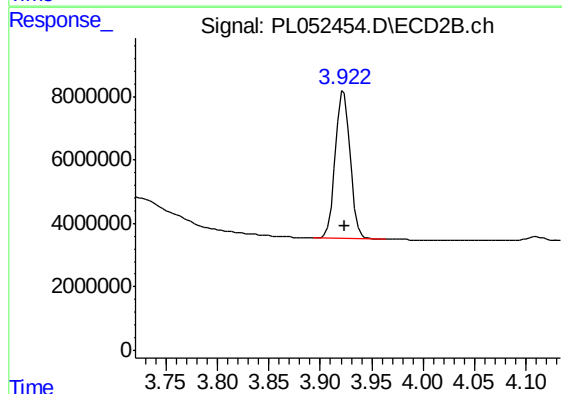




#1 Tetrachloro-m-xylene

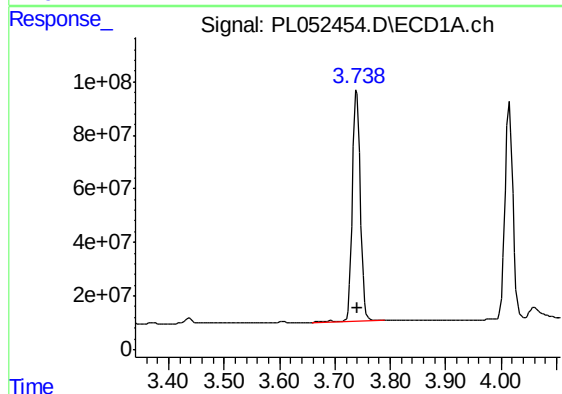
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 177573800
Conc: 19.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



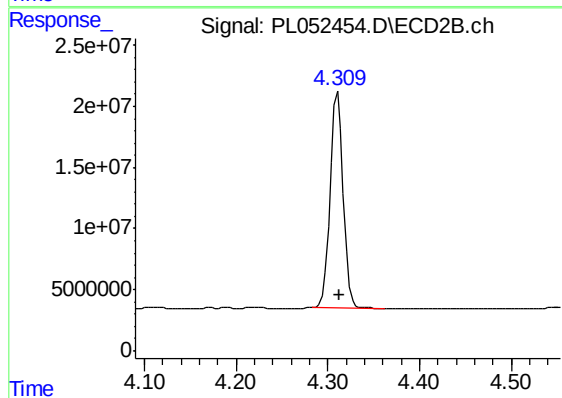
#1 Tetrachloro-m-xylene

R.T.: 3.923 min
Delta R.T.: -0.001 min
Response: 46986544
Conc: 21.58 ng/ml



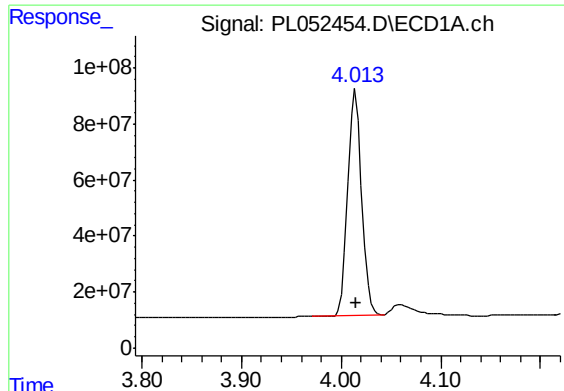
#2 alpha-BHC

R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 845237249
Conc: 55.88 ng/ml



#2 alpha-BHC

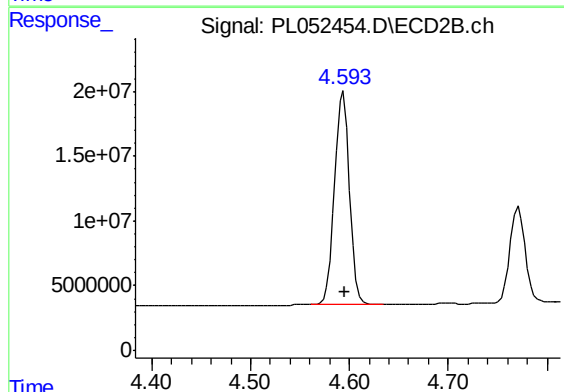
R.T.: 4.311 min
Delta R.T.: -0.001 min
Response: 176118964
Conc: 54.75 ng/ml



#3 gamma-BHC (Lindane)

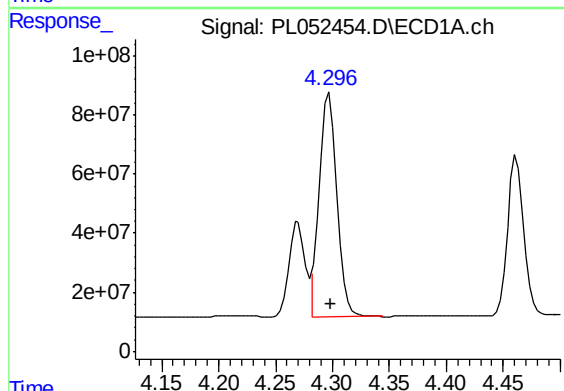
R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 780550677
Conc: 54.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



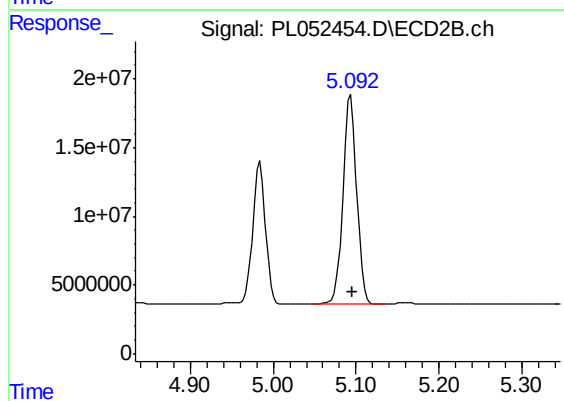
#3 gamma-BHC (Lindane)

R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 172190044
Conc: 55.07 ng/ml



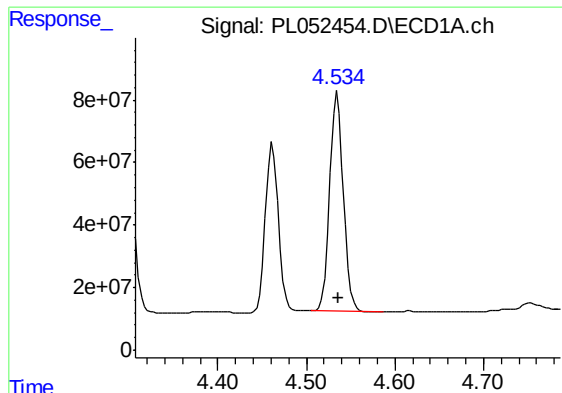
#4 Heptachlor

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 820575197
Conc: 51.64 ng/ml



#4 Heptachlor

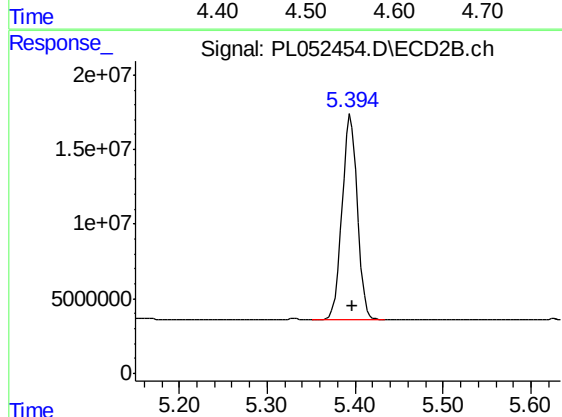
R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 178484538
Conc: 50.93 ng/ml



#5 Aldrin

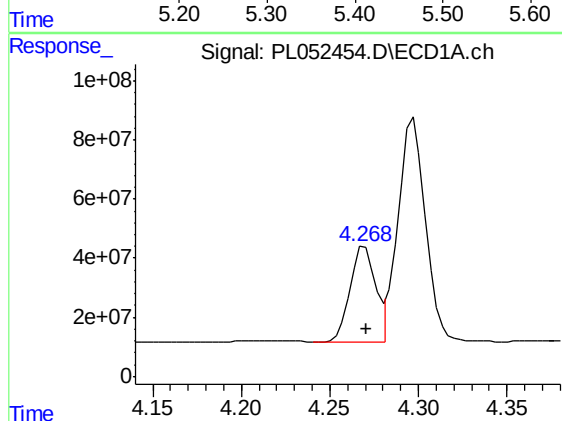
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 758371396
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



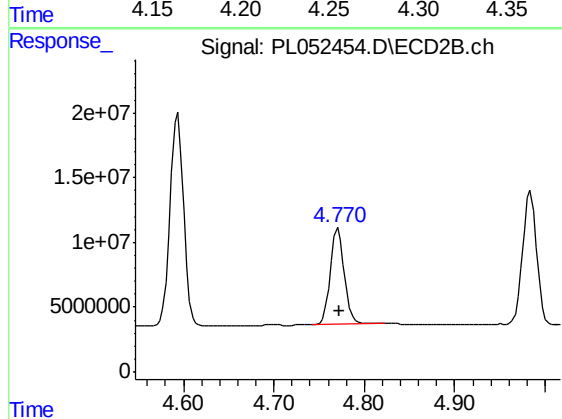
#5 Aldrin

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 165448867
Conc: 48.26 ng/ml



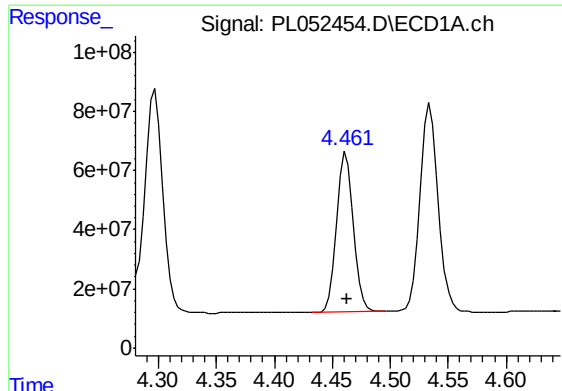
#6 beta-BHC

R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 318938593
Conc: 53.81 ng/ml



#6 beta-BHC

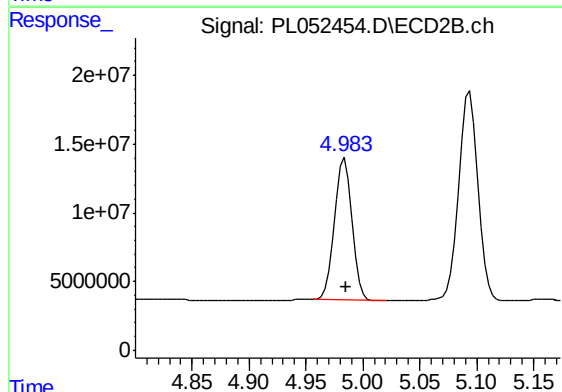
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 78984415
Conc: 50.21 ng/ml



#7 delta-BHC

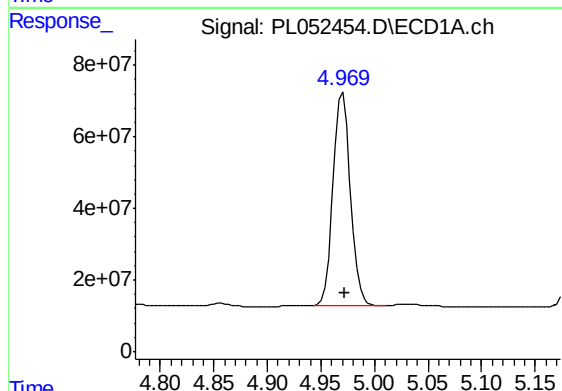
R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 544971326
Conc: 35.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



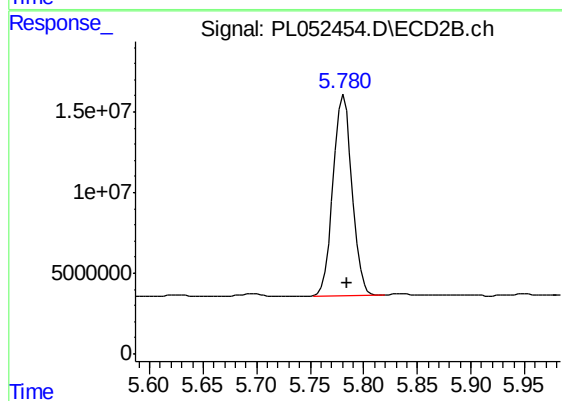
#7 delta-BHC

R.T.: 4.984 min
Delta R.T.: -0.001 min
Response: 109389899
Conc: 34.50 ng/ml



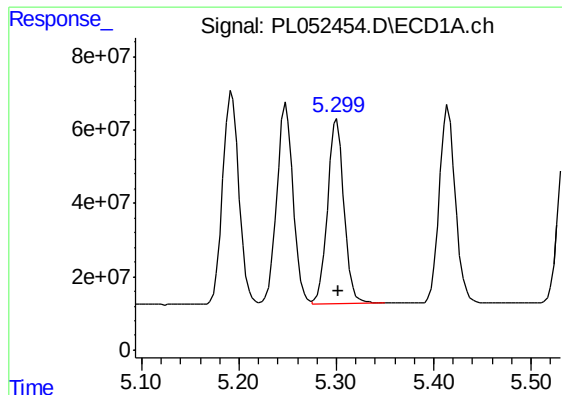
#8 Heptachlor epoxide

R.T.: 4.971 min
Delta R.T.: -0.001 min
Response: 670941800
Conc: 45.50 ng/ml



#8 Heptachlor epoxide

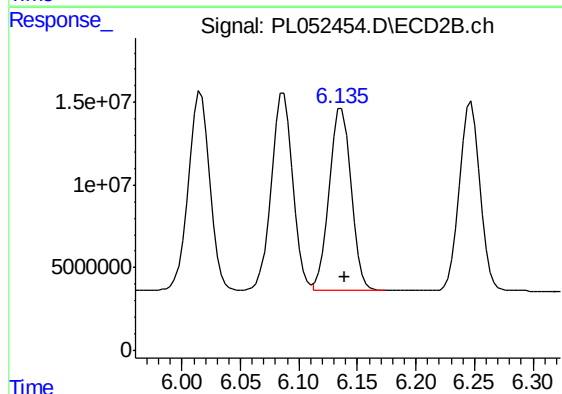
R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 152550183
Conc: 43.16 ng/ml



#9 Endosulfan I

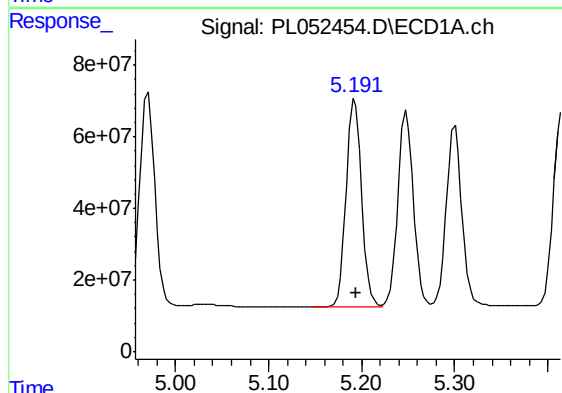
R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 591370641
Conc: 39.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



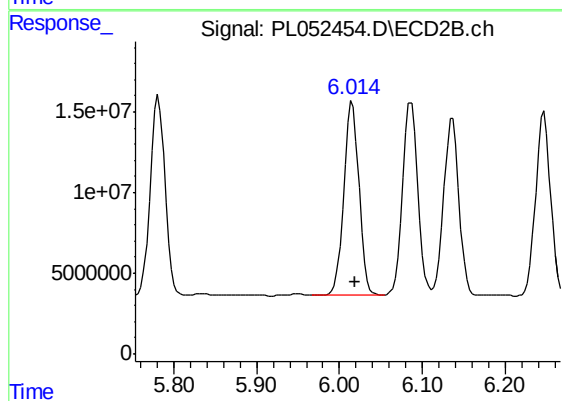
#9 Endosulfan I

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 139076835
Conc: 40.92 ng/ml



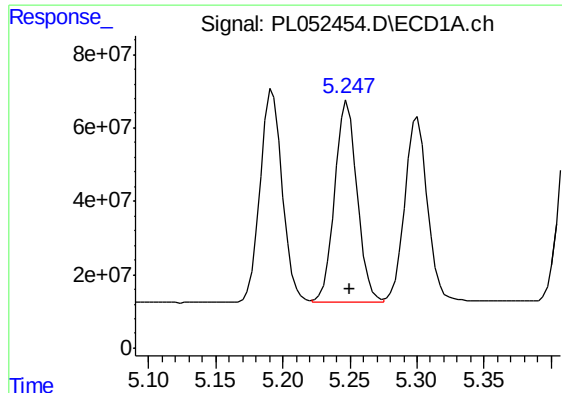
#10 gamma-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 662105124
Conc: 40.41 ng/ml



#10 gamma-Chlordane

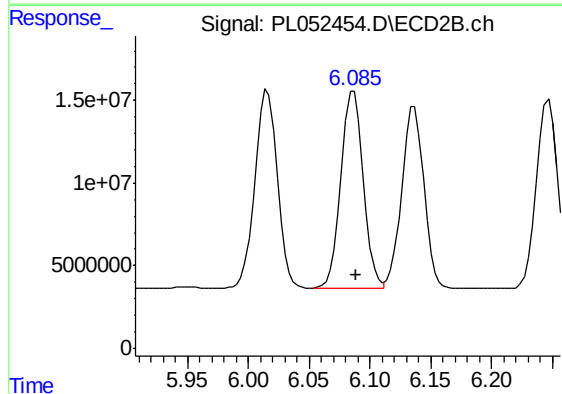
R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 153101977
Conc: 40.33 ng/ml



#11 alpha-Chlordane

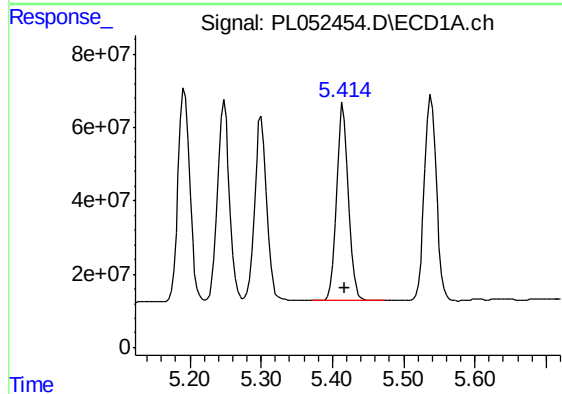
R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 633485026
Conc: 39.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



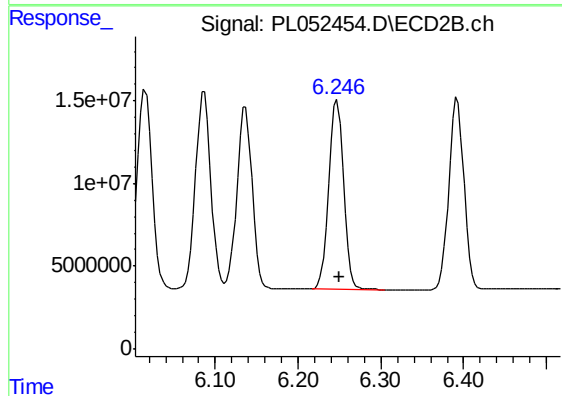
#11 alpha-Chlordane

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 152176433
Conc: 41.68 ng/ml



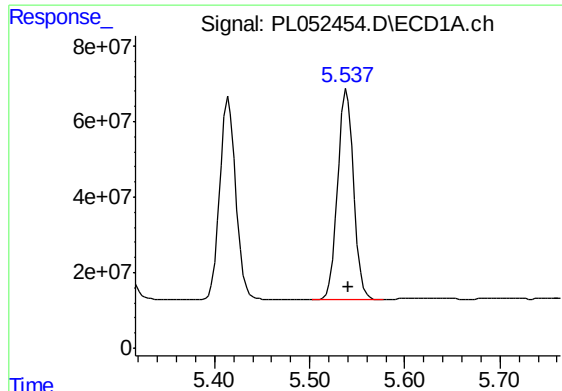
#12 4,4'-DDE

R.T.: 5.415 min
Delta R.T.: -0.002 min
Response: 621450176
Conc: 38.69 ng/ml



#12 4,4'-DDE

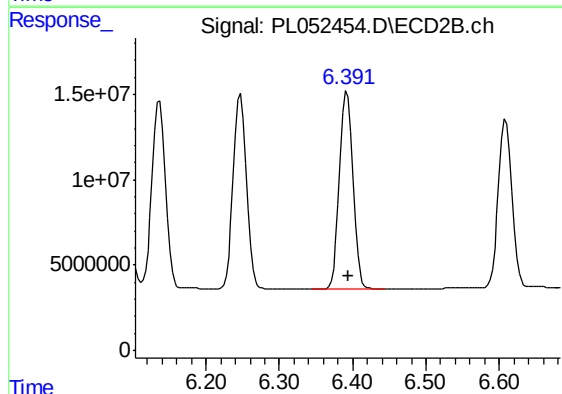
R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 142654421
Conc: 38.88 ng/ml



#13 Dieldrin

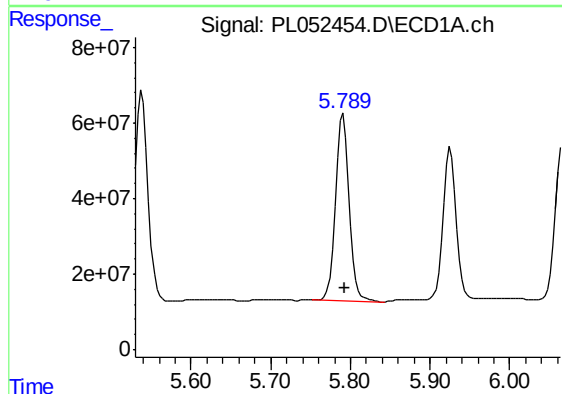
R.T.: 5.539 min
Delta R.T.: -0.002 min
Response: 652965638
Conc: 39.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



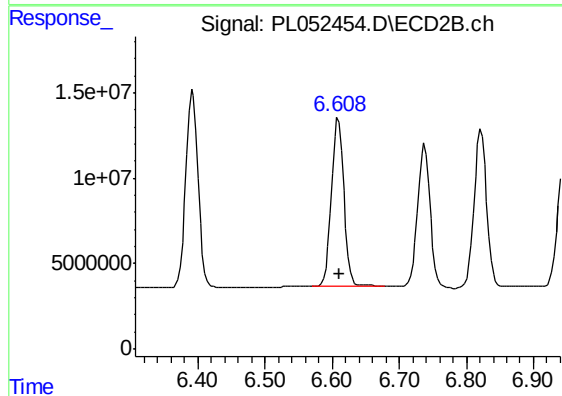
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 146397113
Conc: 40.67 ng/ml



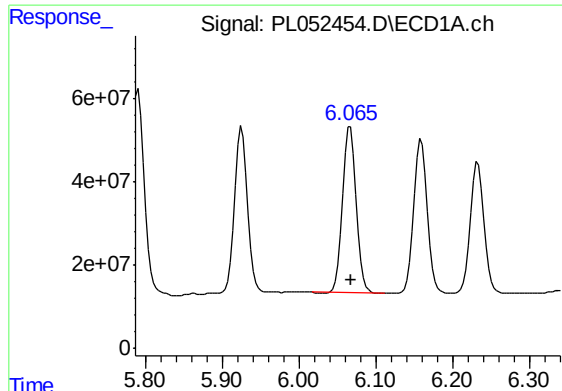
#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 601934987
Conc: 37.52 ng/ml



#14 Endrin

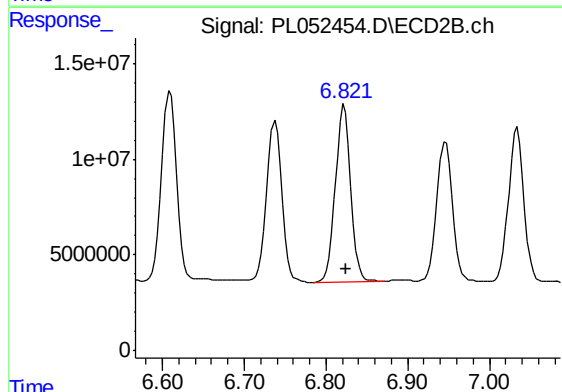
R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 127958658
Conc: 40.84 ng/ml



#15 Endosulfan II

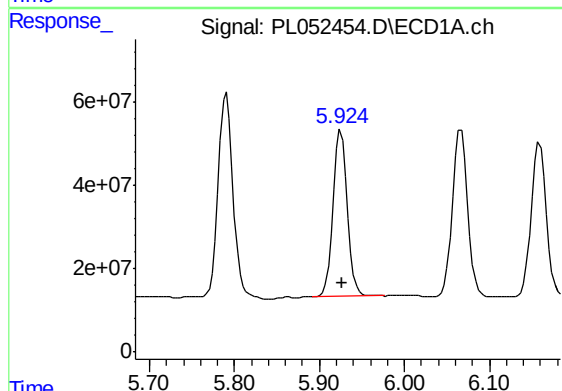
R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 495346438
Conc: 31.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



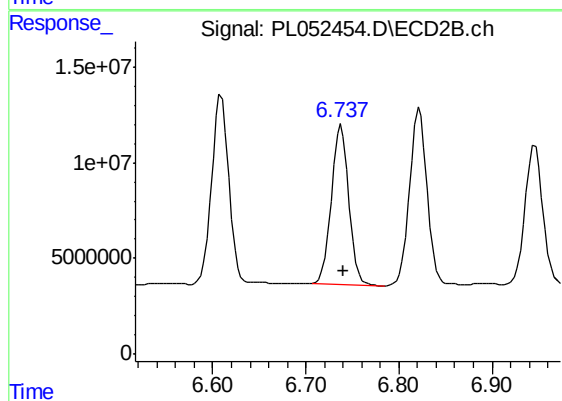
#15 Endosulfan II

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 120660520
Conc: 35.04 ng/ml



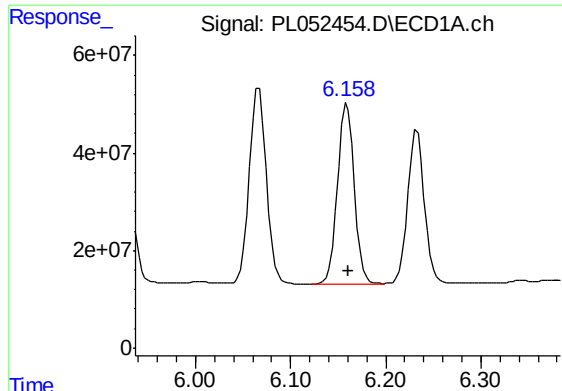
#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: -0.002 min
Response: 469039940
Conc: 34.69 ng/ml



#16 4,4'-DDD

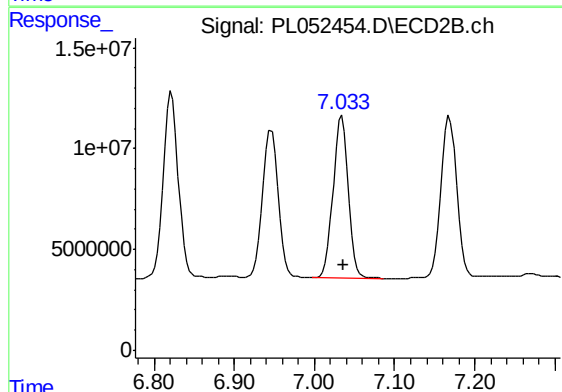
R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 108058550
Conc: 36.99 ng/ml



#17 4,4'-DDT

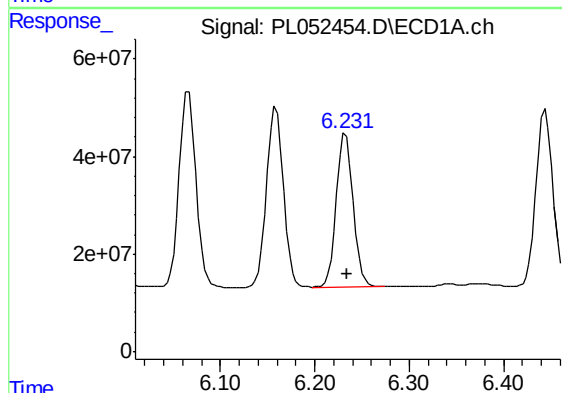
R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 454777258
Conc: 32.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



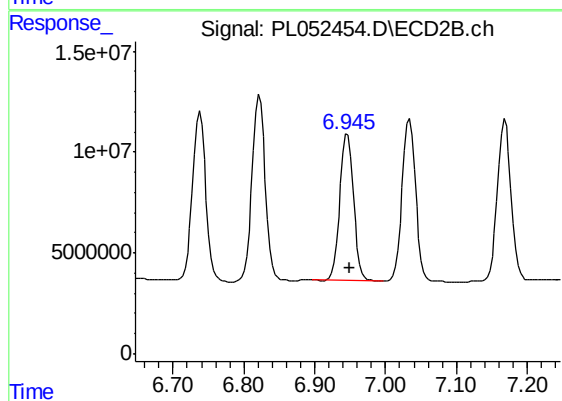
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 105885865
Conc: 33.33 ng/ml



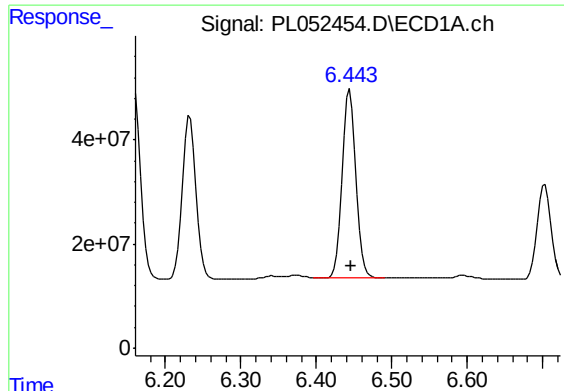
#18 Endrin aldehyde

R.T.: 6.233 min
Delta R.T.: -0.002 min
Response: 389134790
Conc: 30.52 ng/ml



#18 Endrin aldehyde

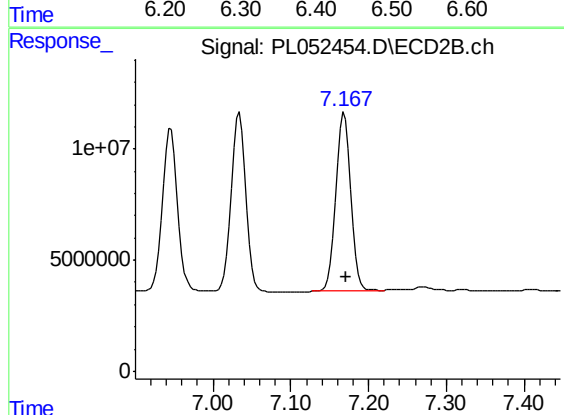
R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 97515458
Conc: 33.01 ng/ml



#19 Endosulfan Sulfate

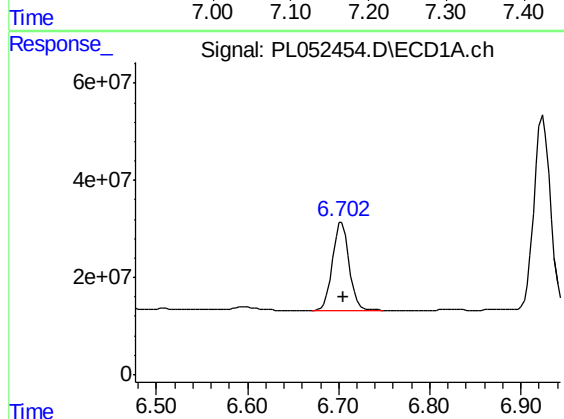
R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 447953958
Conc: 30.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



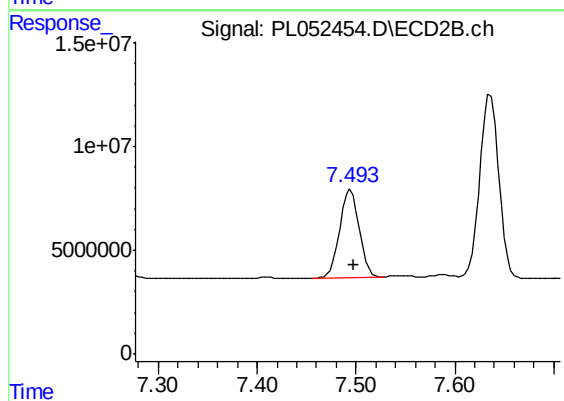
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 107842048
Conc: 33.05 ng/ml



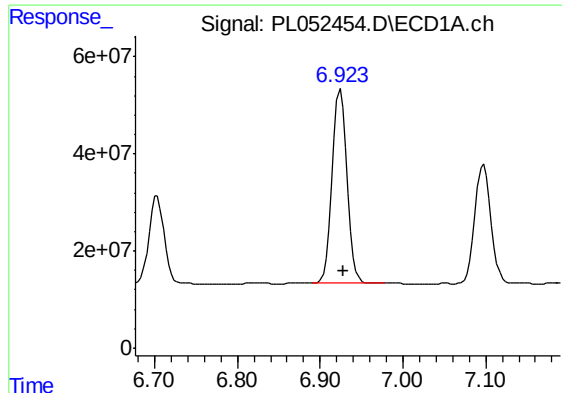
#20 Methoxychlor

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 230303644
Conc: 31.58 ng/ml



#20 Methoxychlor

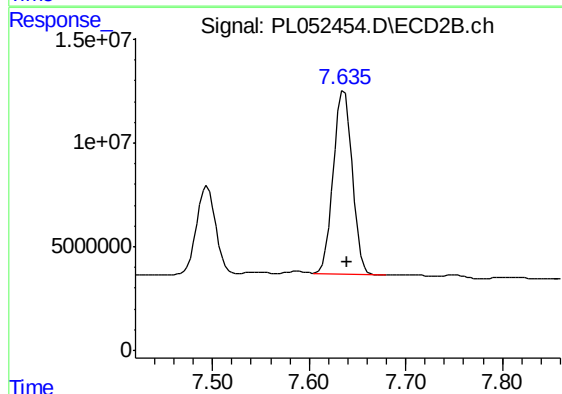
R.T.: 7.495 min
Delta R.T.: -0.003 min
Response: 58459183
Conc: 34.21 ng/ml



#21 Endrin ketone

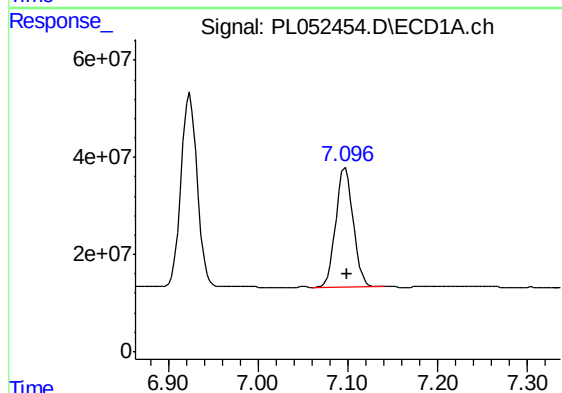
R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 498664902
Conc: 30.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



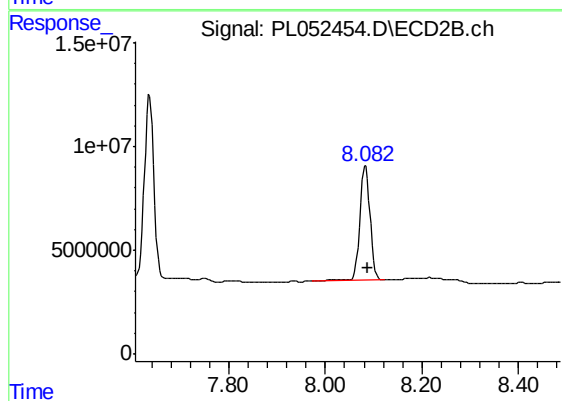
#21 Endrin ketone

R.T.: 7.636 min
Delta R.T.: -0.004 min
Response: 119353358
Conc: 34.86 ng/ml



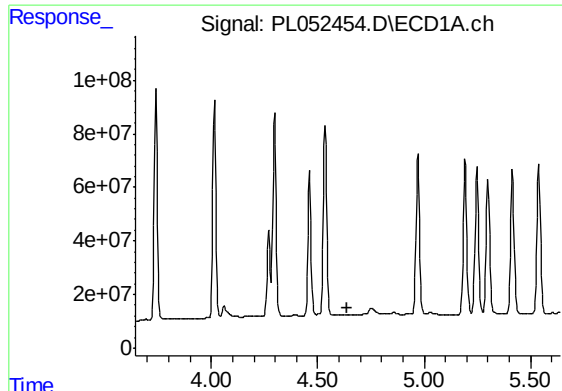
#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 330697916
Conc: 27.43 ng/ml



#22 Mirex

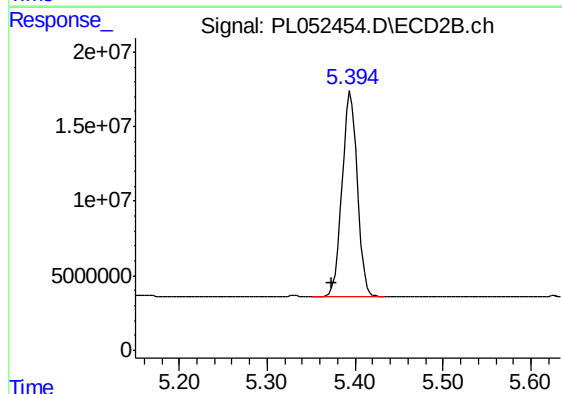
R.T.: 8.083 min
Delta R.T.: -0.004 min
Response: 82029037
Conc: 30.51 ng/ml



#24 Chlordane-2

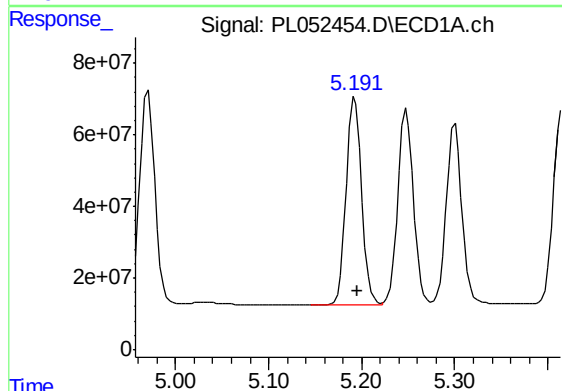
R.T.: 0.000 min
Exp R.T.: 4.641 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



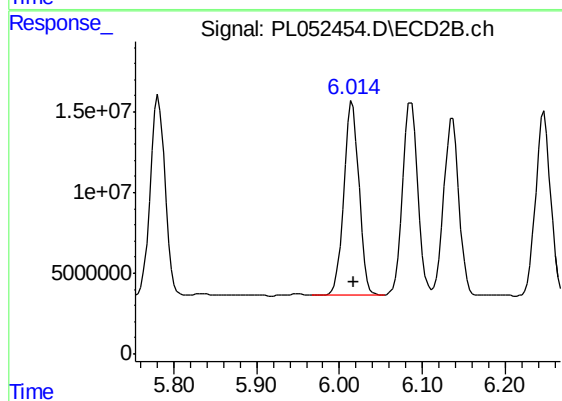
#24 Chlordane-2

R.T.: 5.395 min
Delta R.T.: 0.021 min
Response: 165448867
Conc: 1637.28 ng/ml



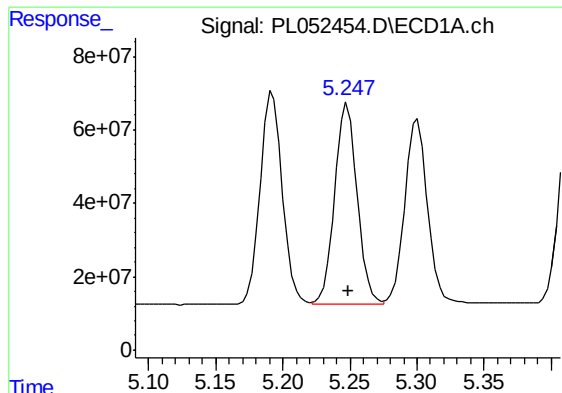
#25 Chlordane-3

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 662105124
Conc: 497.31 ng/ml



#25 Chlordane-3

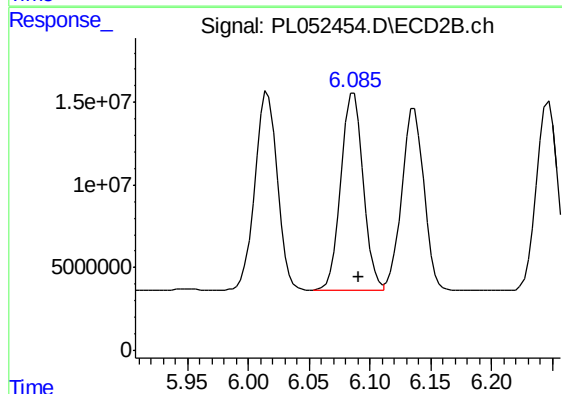
R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 153101977
Conc: 350.62 ng/ml



#26 Chlordane-4

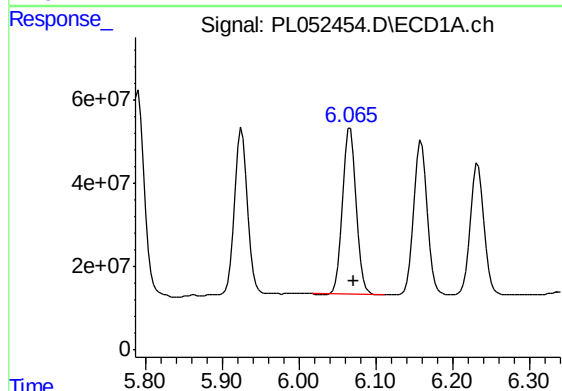
R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 633485026
Conc: 502.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



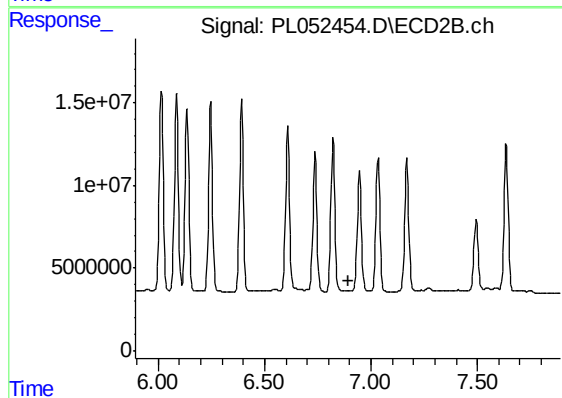
#26 Chlordane-4

R.T.: 6.087 min
Delta R.T.: -0.004 min
Response: 152176433
Conc: 290.36 ng/ml



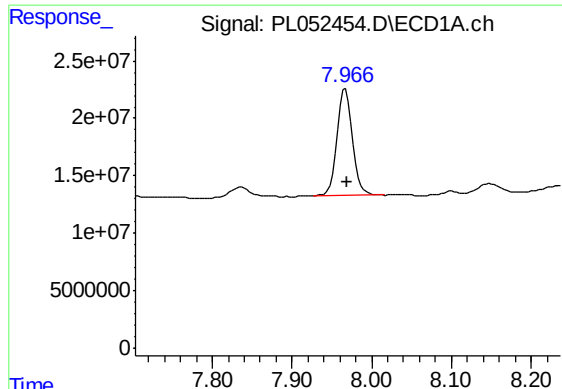
#27 Chlordane-5

R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 495346438
Conc: 958.15 ng/ml



#27 Chlordane-5

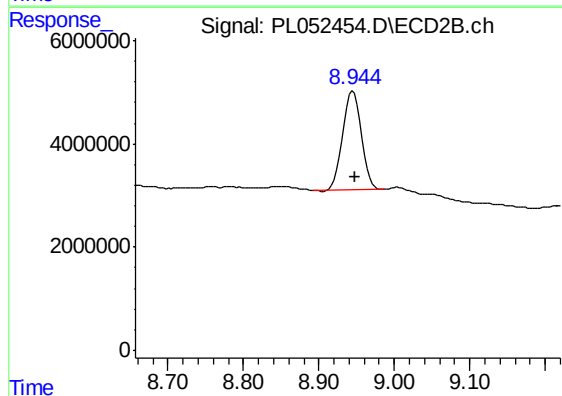
R.T.: 0.000 min
Exp R.T. : 6.893 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.967 min
Delta R.T.: -0.003 min
Response: 127998065
Conc: 9.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11-S(1.5-4)MSD



#28 Decachlorobiphenyl

R.T.: 8.945 min
Delta R.T.: -0.003 min
Response: 32250637
Conc: 10.87 ng/ml