

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102319\
 Data File : PL053642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2019 00:52
 Operator : SG\AJ
 Sample : K5497-05MSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 01:50:43 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...	3.543	4.044	204.4E6	50333700	18.855	20.114
28)	SA Decachlor...	8.329	9.122	205.8E6	60716361	20.978	21.561
Target Compounds							
2)	A alpha-BHC	3.986	4.436	955.5E6	197.3E6	54.801	57.068
3)	MA gamma-BHC...	4.273	4.721	854.7E6	187.3E6	54.884	58.166
4)	MA Heptachlor	4.580	5.231	808.0E6	166.7E6	51.195	51.743
5)	MB Aldrin	4.832	5.536	714.1E6	152.3E6	49.954	51.091
6)	B beta-BHC	4.523	4.891	362.3E6	78230617	54.977	50.647
7)	B delta-BHC	4.731	5.109	735.9E6	142.9E6	48.349	47.308
8)	B Heptachlo...	5.277	5.922	696.2E6	143.1E6	51.572	49.075
9)	A Endosulfan I	5.619	6.279	596.7E6	140.4E6	48.544	51.797
10)	B gamma-Chl...	5.506	6.156	672.6E6	143.2E6	49.296	49.080
11)	B alpha-Chl...	5.565	6.229	637.8E6	144.5E6	47.945	49.484
12)	B 4,4'-DDE	5.728	6.385	575.3E6	133.1E6	48.415	47.267
13)	MA Dieldrin	5.864	6.536	643.5E6	147.1E6	49.376	51.542
14)	MA Endrin	6.122	6.754	580.1E6	124.3E6	50.043	51.202
15)	B Endosulfa...	6.395	6.963	539.3E6	136.4E6	48.233	53.403
16)	A 4,4'-DDD	6.245	6.874	450.3E6	116.3E6	50.591	55.798
17)	MA 4,4'-DDT	6.487	7.173	440.9E6	109.1E6	44.511	47.161
18)	B Endrin al...	6.564	7.086	419.2E6	110.1E6	45.716	50.138
19)	B Endosulfa...	6.777	7.309	478.5E6	118.1E6	47.043	48.151
20)	A Methoxychlor	7.033	7.631	233.4E6	60415904	47.337	46.513
21)	B Endrin ke...	7.271	7.780	526.2E6	131.0E6	48.880	50.809
22)	Mirex	7.465	8.236	420.4E6	106.5E6	49.152	52.647
23)	Chlordane-1	4.426	0.000	5610961	0	15.820	N.D. #
24)	Chlordane-2	0.000	5.536f	0	152.3E6	N.D.	1550.895 #
25)	Chlordane-3	5.506	6.156	672.6E6	143.2E6	583.484	392.095 #
26)	Chlordane-4	5.565	6.229	637.8E6	144.5E6	680.396	321.774 #
27)	Chlordane-5	6.395	0.000	539.3E6	0	1475.229	N.D. #

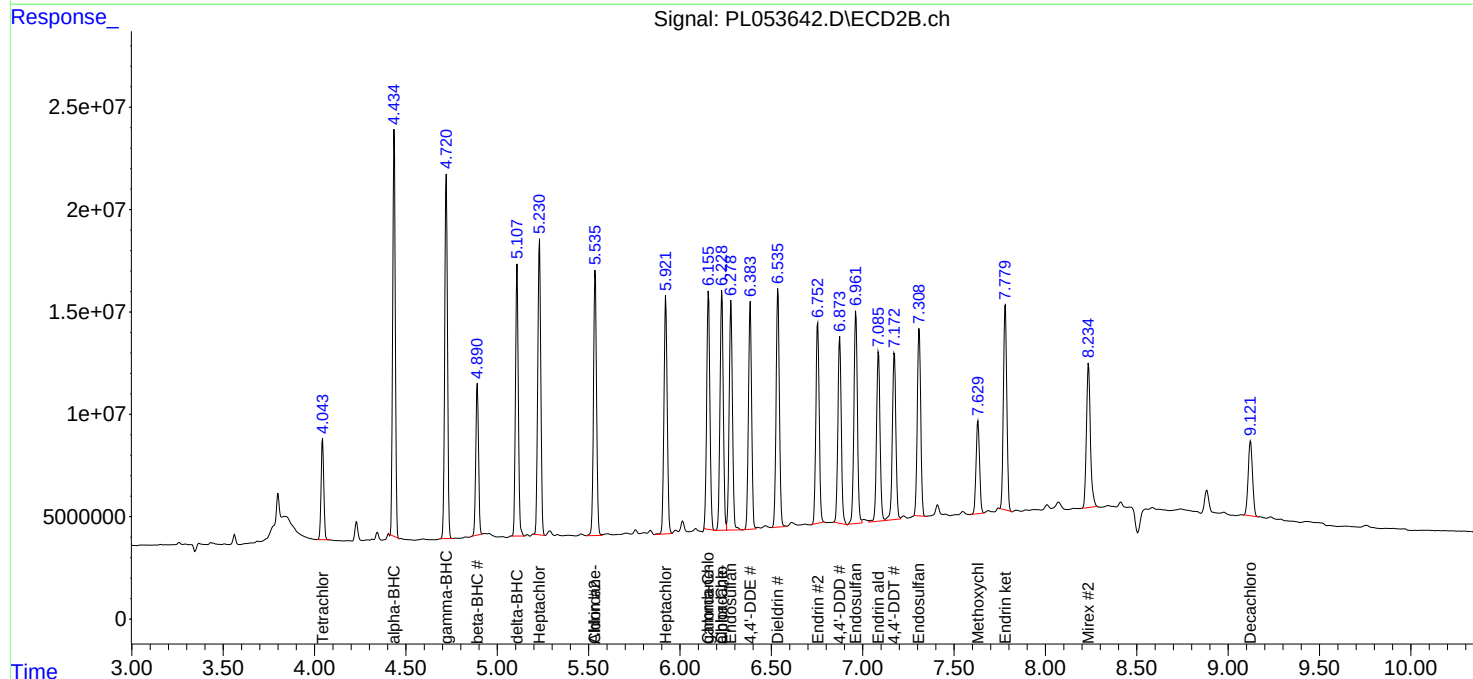
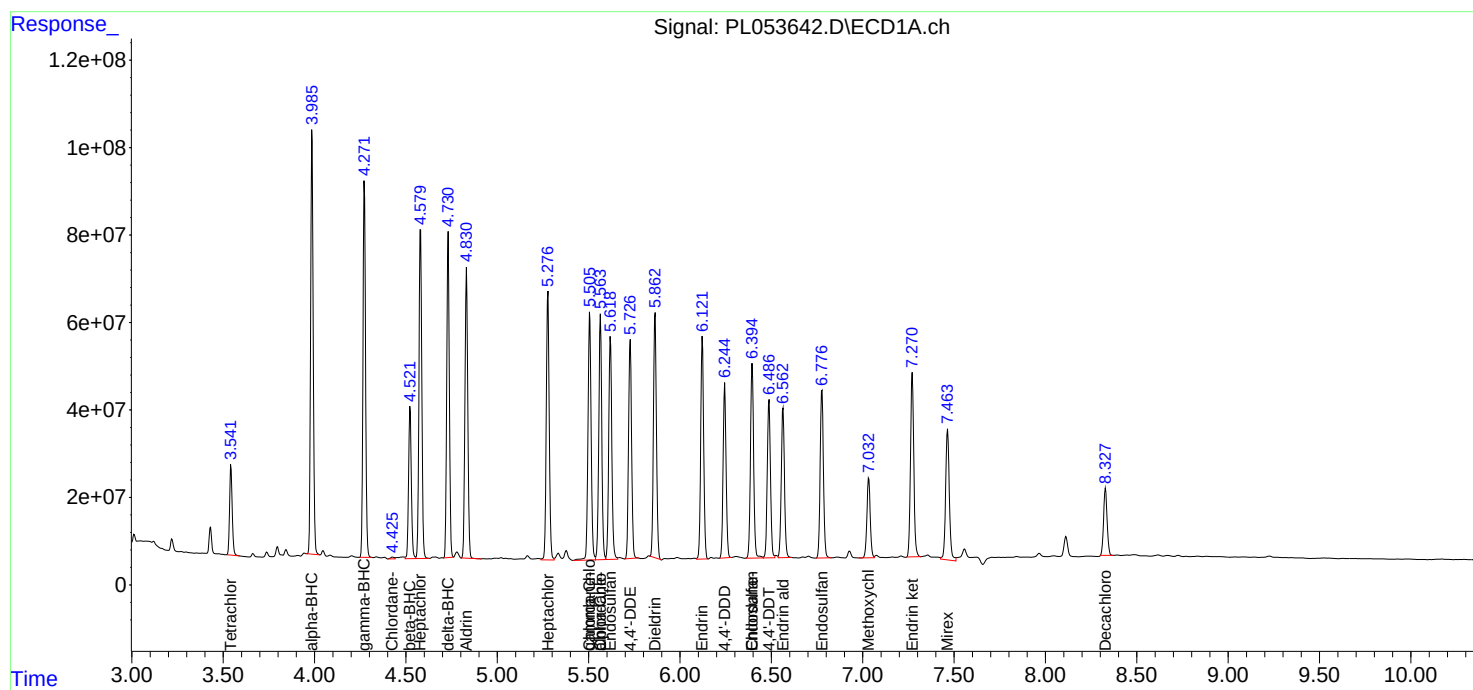
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

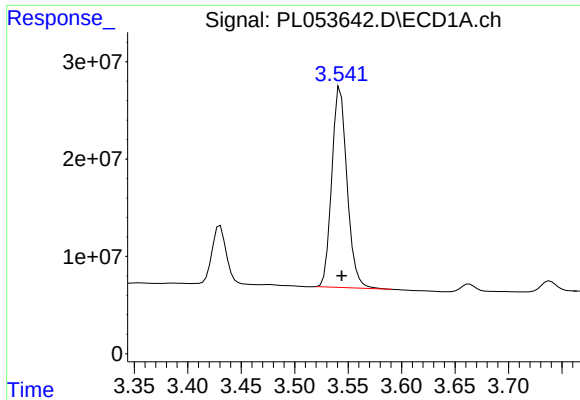
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102319\
Data File : PL053642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2019 00:52
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Integration File signal 1: autoint1.e
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Quant Time: Oct 24 01:50:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 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

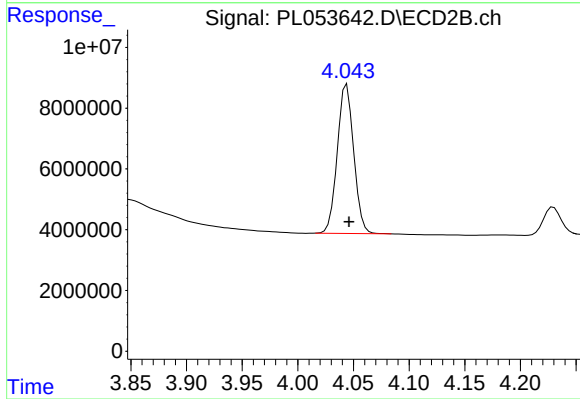




#1 Tetrachloro-m-xylene

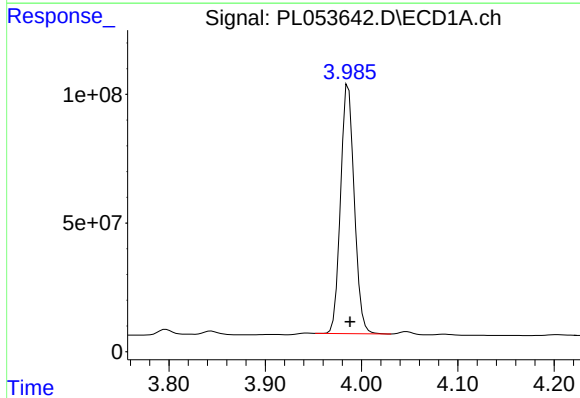
R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 204381021
Conc: 18.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



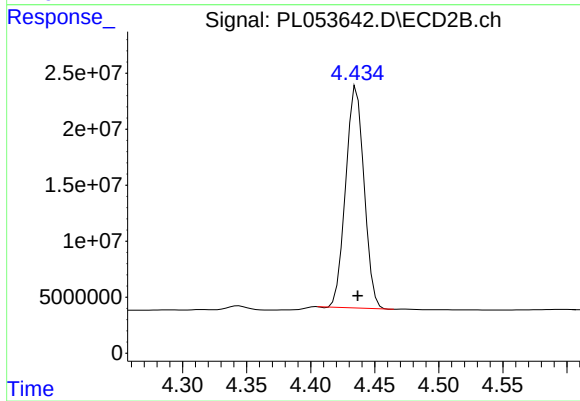
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 50333700
Conc: 20.11 ng/ml



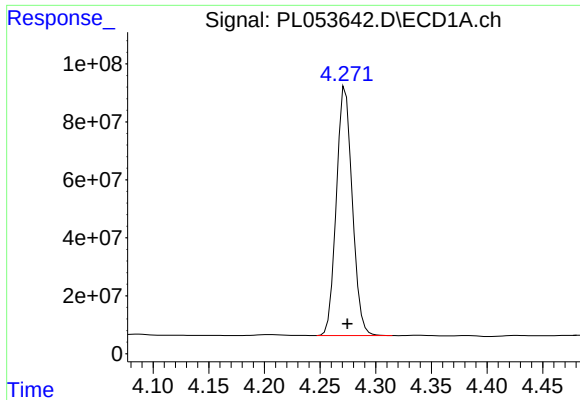
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 955538323
Conc: 54.80 ng/ml



#2 alpha-BHC

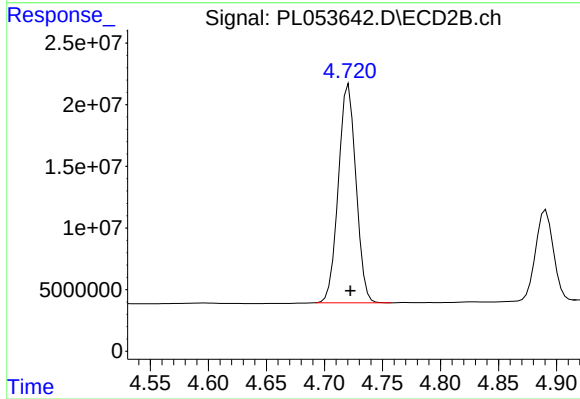
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 197289977
Conc: 57.07 ng/ml



#3 gamma-BHC (Lindane)

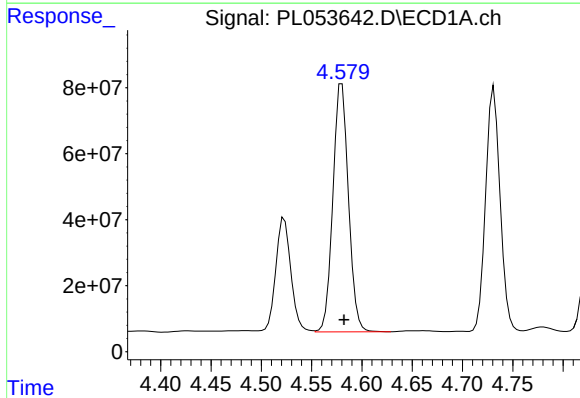
R.T.: 4.273 min
Delta R.T.: -0.002 min
Response: 854738292
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



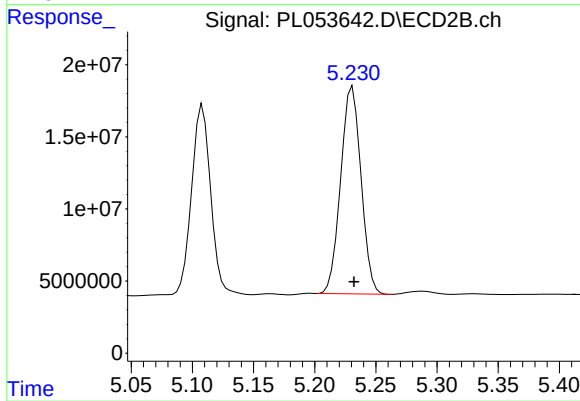
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 187316956
Conc: 58.17 ng/ml



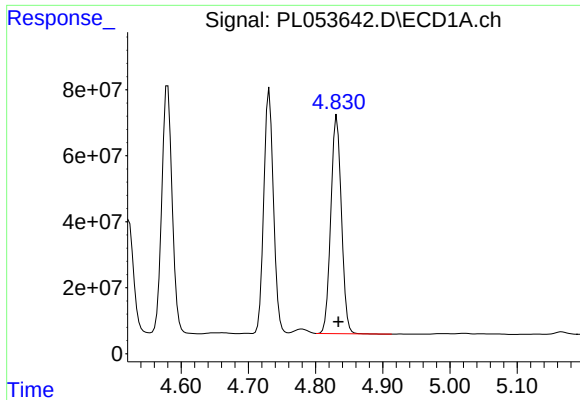
#4 Heptachlor

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 807999830
Conc: 51.19 ng/ml



#4 Heptachlor

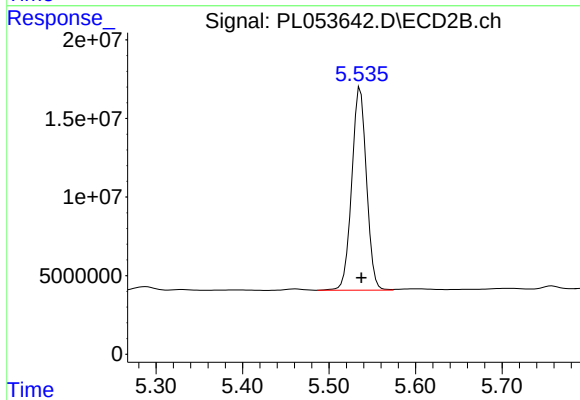
R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 166726123
Conc: 51.74 ng/ml



#5 Aldrin

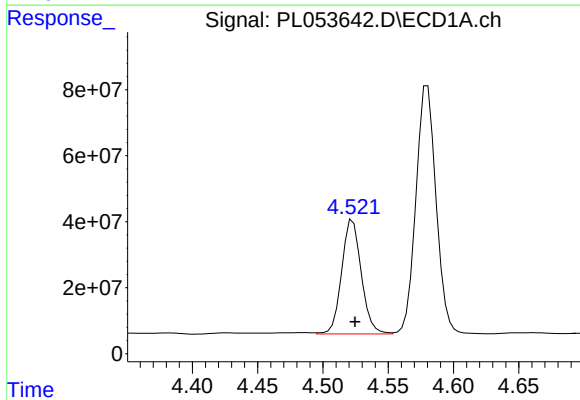
R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 714129718
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



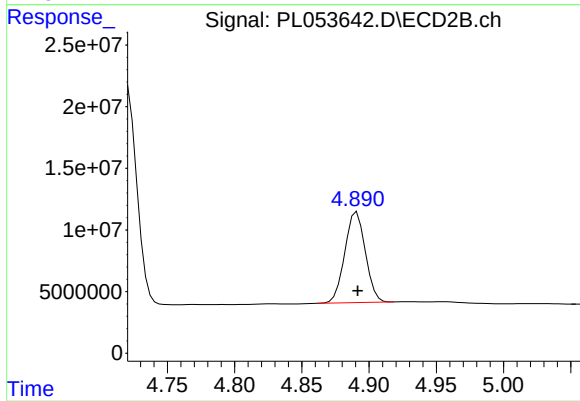
#5 Aldrin

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 152331142
Conc: 51.09 ng/ml



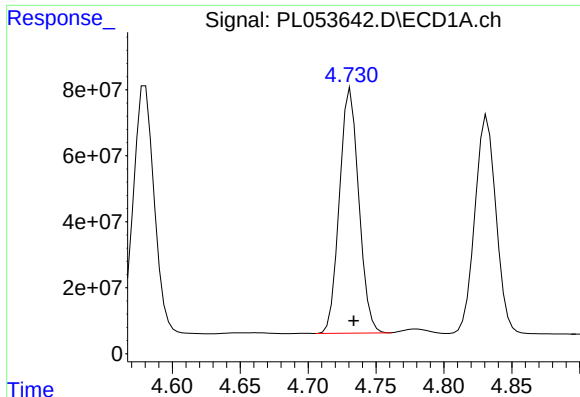
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 362291546
Conc: 54.98 ng/ml



#6 beta-BHC

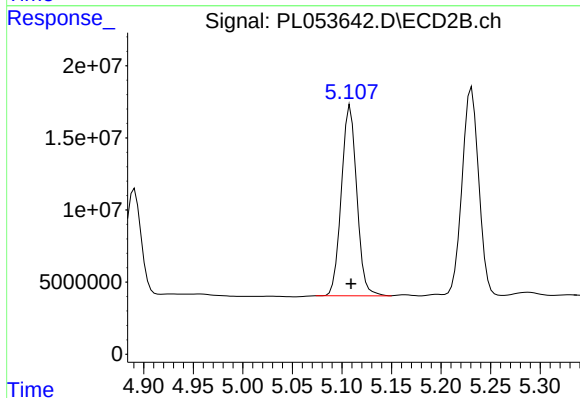
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 78230617
Conc: 50.65 ng/ml



#7 delta-BHC

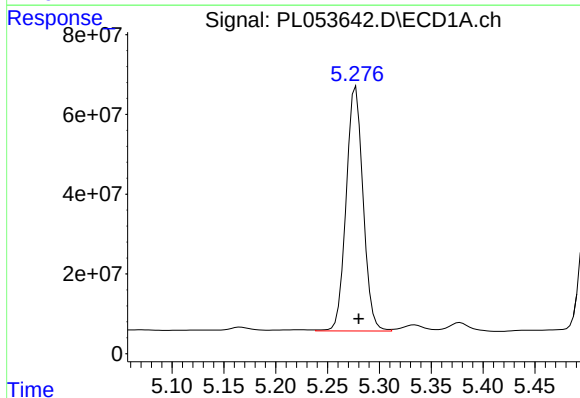
R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 735928822
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



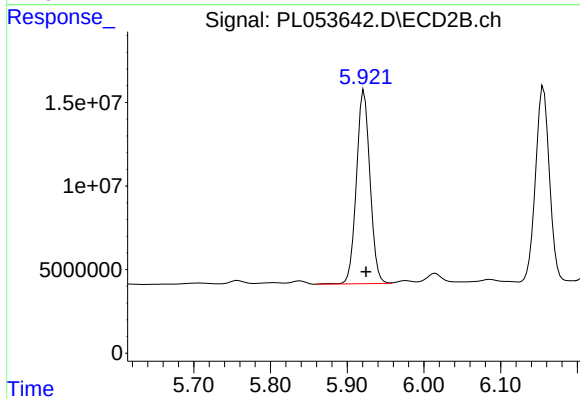
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 142898687
Conc: 47.31 ng/ml



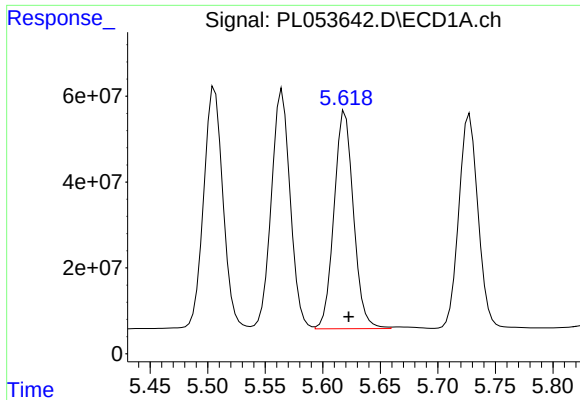
#8 Heptachlor epoxide

R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 696181848
Conc: 51.57 ng/ml



#8 Heptachlor epoxide

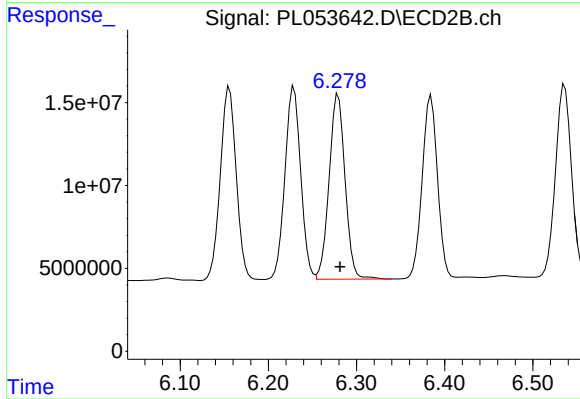
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 143121624
Conc: 49.07 ng/ml



#9 Endosulfan I

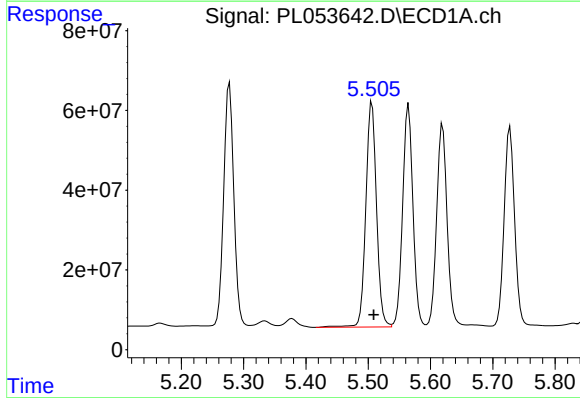
R.T.: 5.619 min
Delta R.T.: -0.003 min
Response: 596711870
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



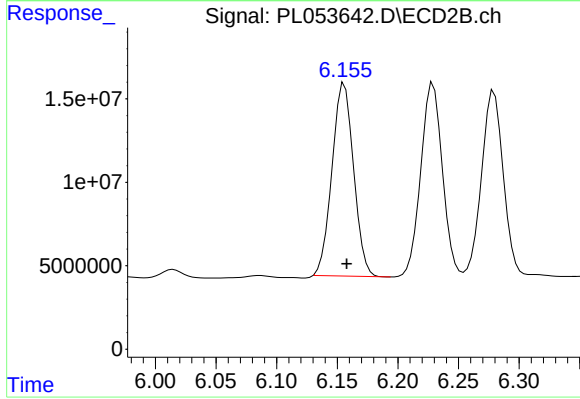
#9 Endosulfan I

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 140432971
Conc: 51.80 ng/ml



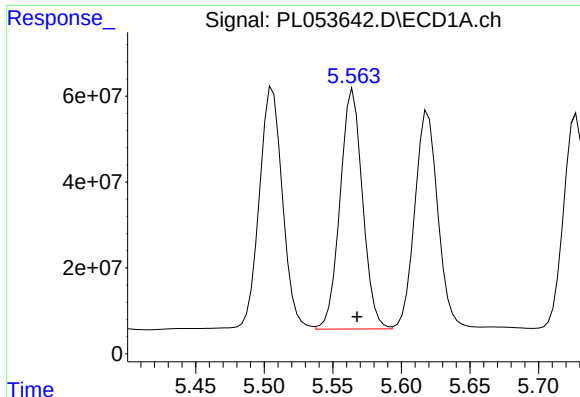
#10 gamma-Chlordane

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 672573685
Conc: 49.30 ng/ml



#10 gamma-Chlordane

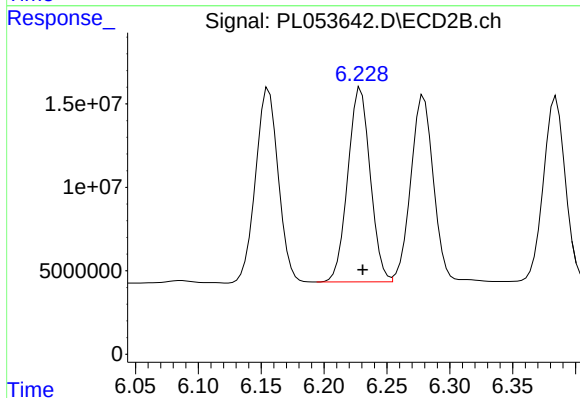
R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 143204932
Conc: 49.08 ng/ml



#11 alpha-Chlordane

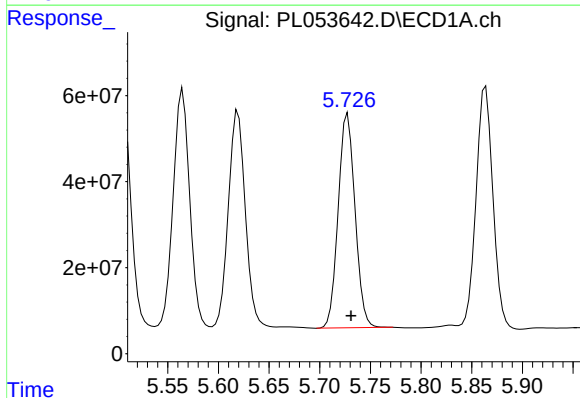
R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 637838851
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



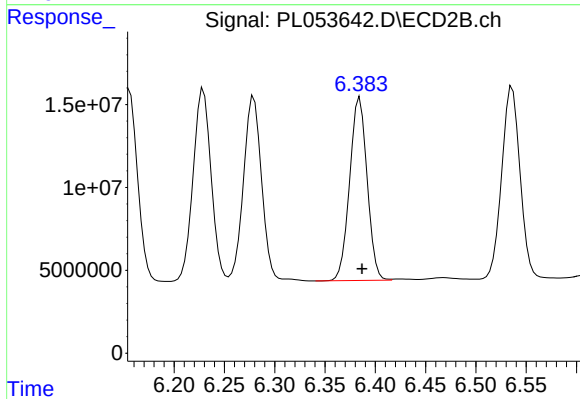
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 144456097
Conc: 49.48 ng/ml



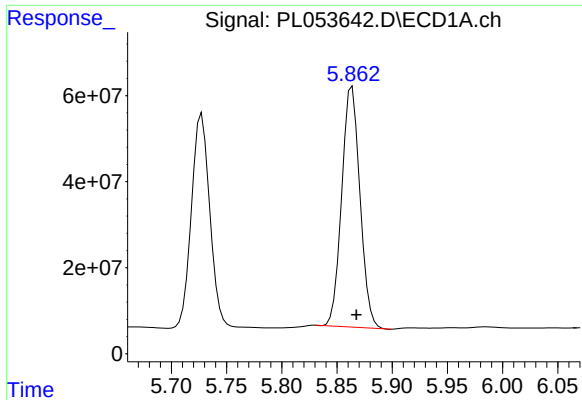
#12 4,4'-DDE

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 575280319
Conc: 48.42 ng/ml



#12 4,4'-DDE

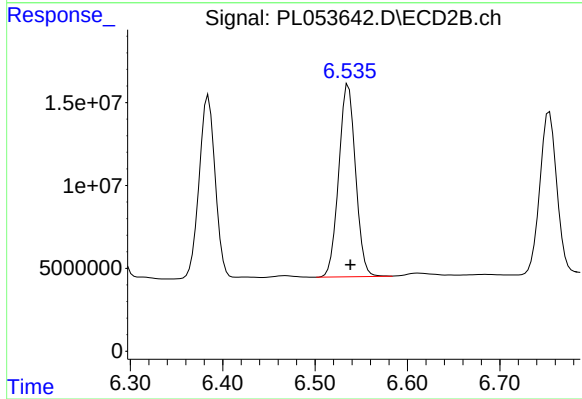
R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 133120169
Conc: 47.27 ng/ml



#13 Dieldrin

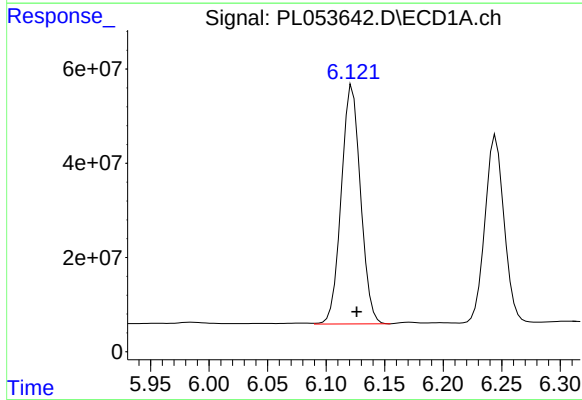
R.T.: 5.864 min
Delta R.T.: -0.004 min
Response: 643542999
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



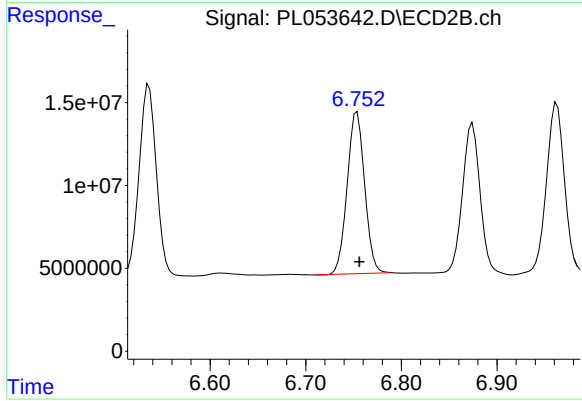
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 147081917
Conc: 51.54 ng/ml



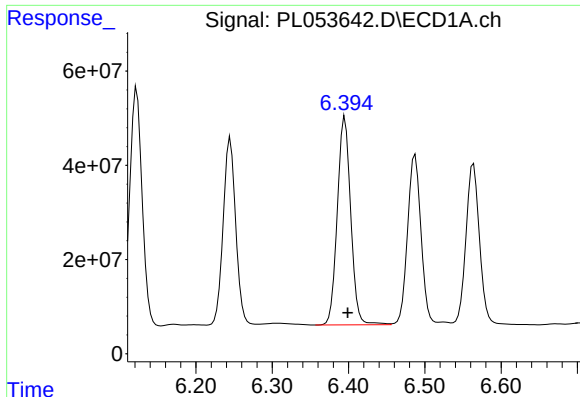
#14 Endrin

R.T.: 6.122 min
Delta R.T.: -0.004 min
Response: 580064456
Conc: 50.04 ng/ml



#14 Endrin

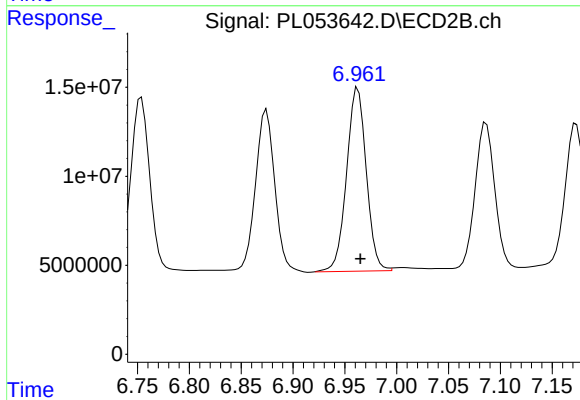
R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 124277482
Conc: 51.20 ng/ml



#15 Endosulfan II

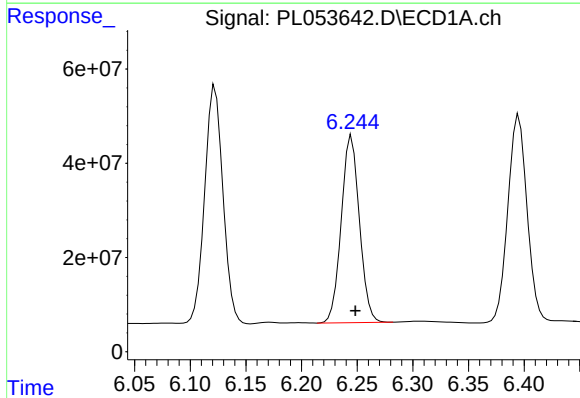
R.T.: 6.395 min
Delta R.T.: -0.004 min
Response: 539261417
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



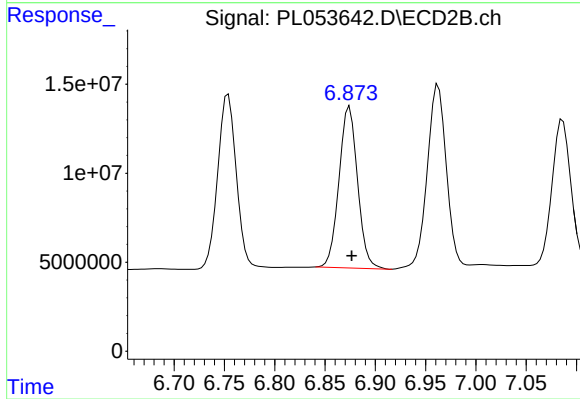
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 136418657
Conc: 53.40 ng/ml



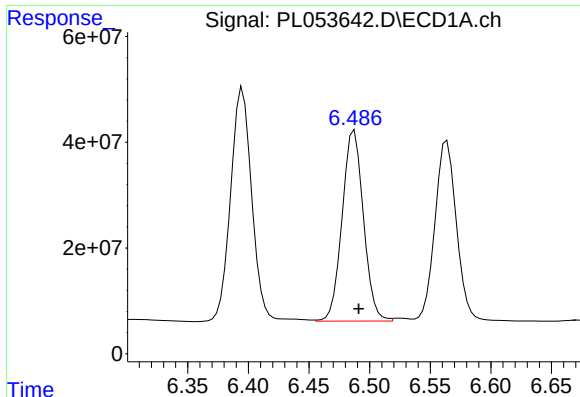
#16 4,4'-DDD

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 450252135
Conc: 50.59 ng/ml



#16 4,4'-DDD

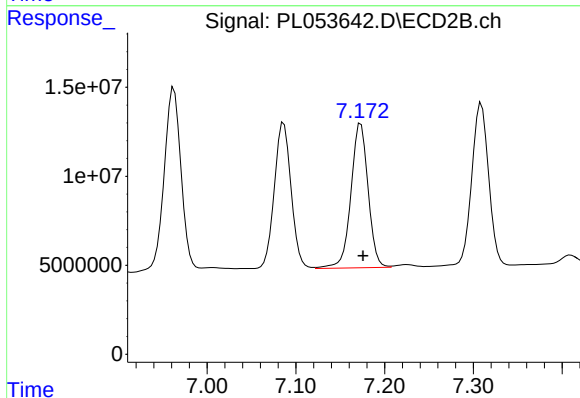
R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 116280270
Conc: 55.80 ng/ml



#17 4,4'-DDT

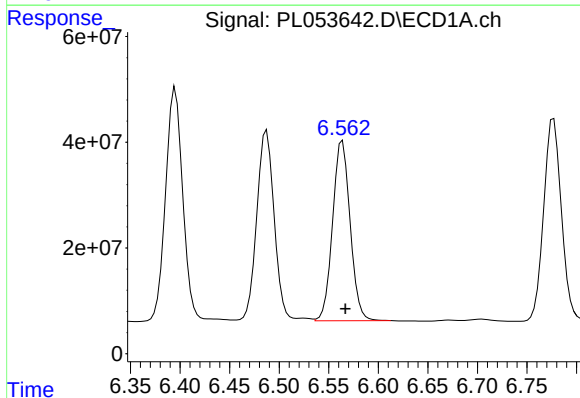
R.T.: 6.487 min
Delta R.T.: -0.004 min
Response: 440942595
Conc: 44.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



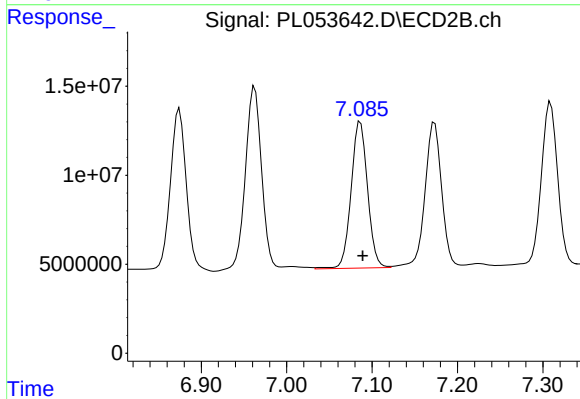
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 109060975
Conc: 47.16 ng/ml



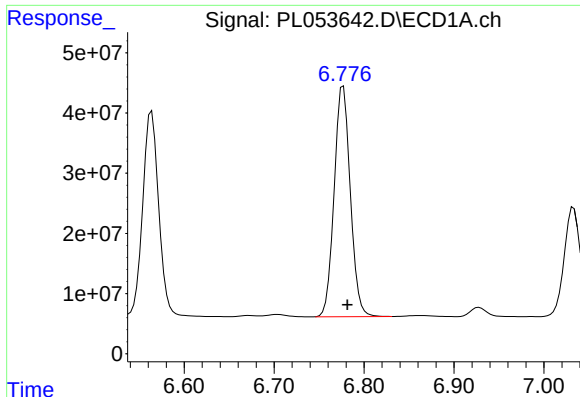
#18 Endrin aldehyde

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 419178663
Conc: 45.72 ng/ml



#18 Endrin aldehyde

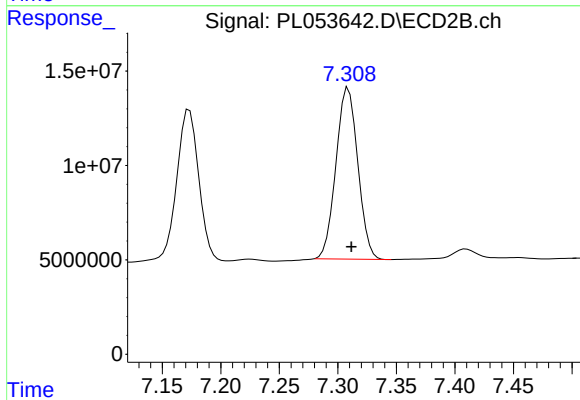
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 110142281
Conc: 50.14 ng/ml



#19 Endosulfan Sulfate

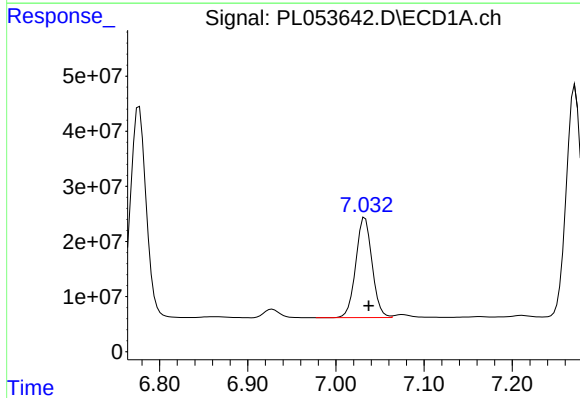
R.T.: 6.777 min
Delta R.T.: -0.004 min
Response: 478506911
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



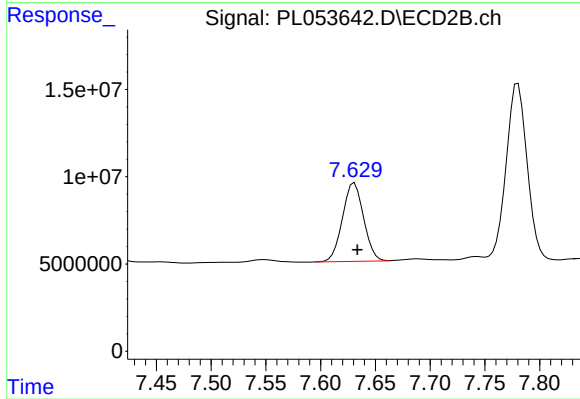
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 118144228
Conc: 48.15 ng/ml



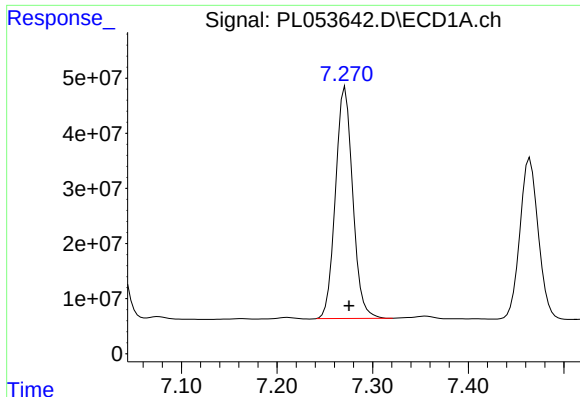
#20 Methoxychlor

R.T.: 7.033 min
Delta R.T.: -0.004 min
Response: 233386978
Conc: 47.34 ng/ml



#20 Methoxychlor

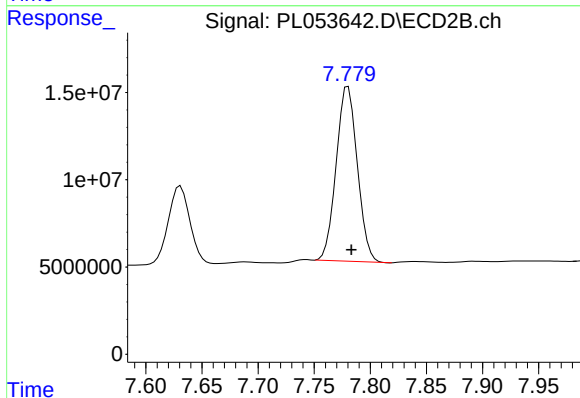
R.T.: 7.631 min
Delta R.T.: -0.003 min
Response: 60415904
Conc: 46.51 ng/ml



#21 Endrin ketone

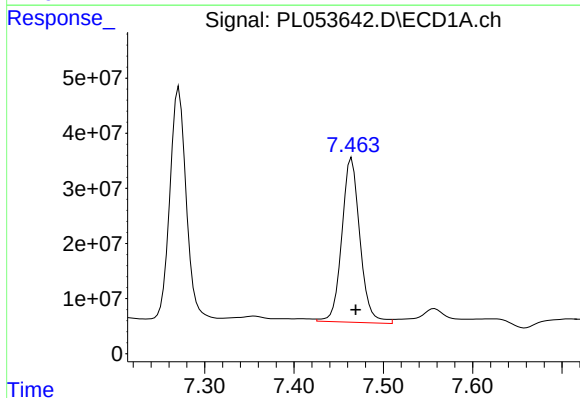
R.T.: 7.271 min
Delta R.T.: -0.004 min
Response: 526203357
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



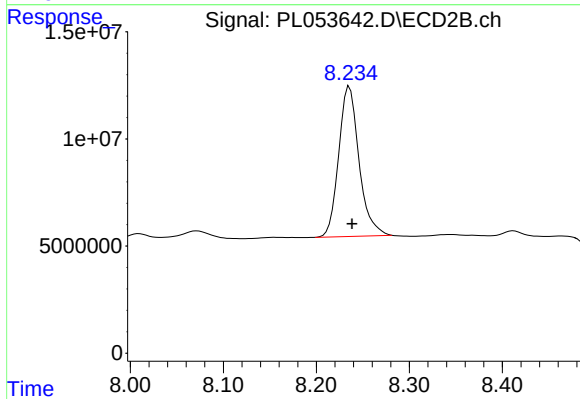
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 131008488
Conc: 50.81 ng/ml



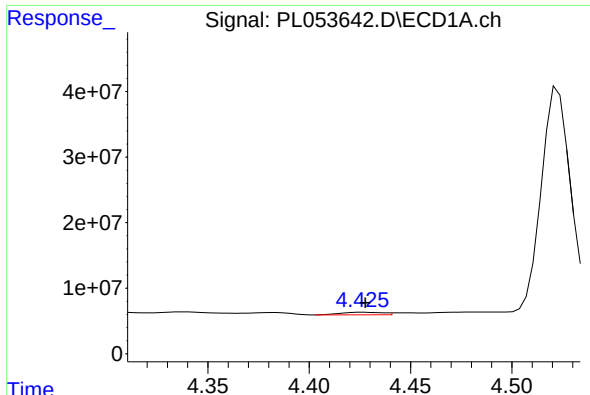
#22 Mirex

R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 420401739
Conc: 49.15 ng/ml



#22 Mirex

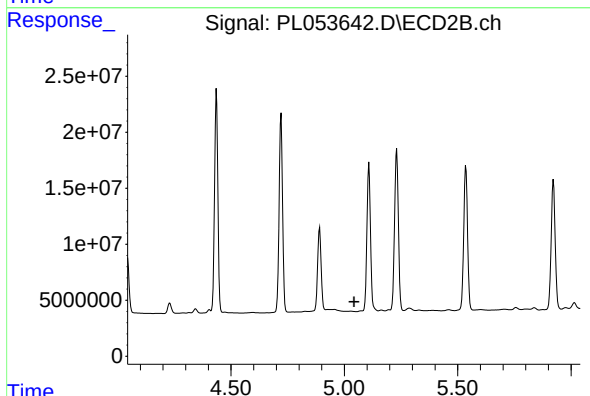
R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 106507498
Conc: 52.65 ng/ml



#23 Chlordane-1

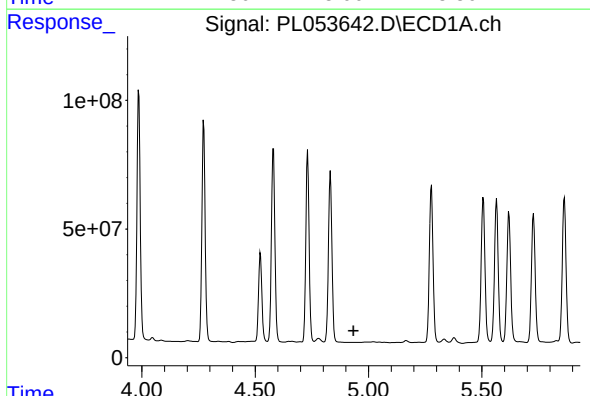
R.T.: 4.426 min
Delta R.T.: -0.001 min
Response: 5610961
Conc: 15.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



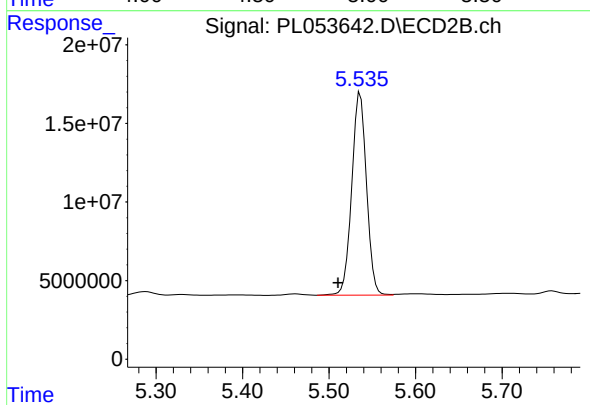
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



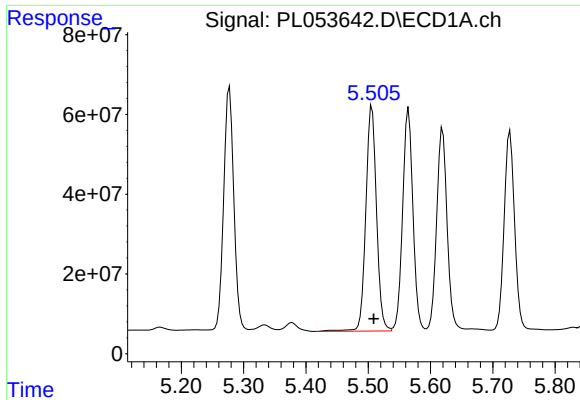
#24 Chlordane-2

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



#24 Chlordane-2

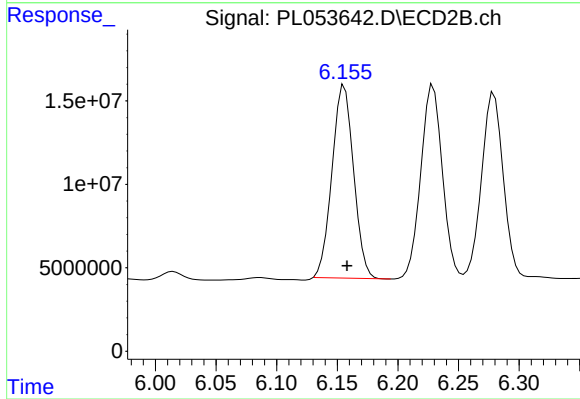
R.T.: 5.536 min
Delta R.T.: 0.026 min
Response: 152331142
Conc: 1550.89 ng/ml



#25 Chlordane-3

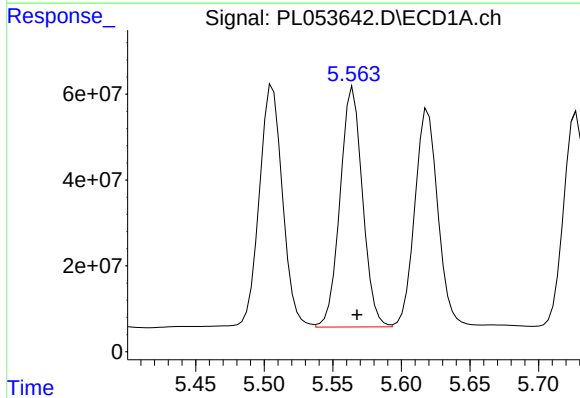
R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 672573685
Conc: 583.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



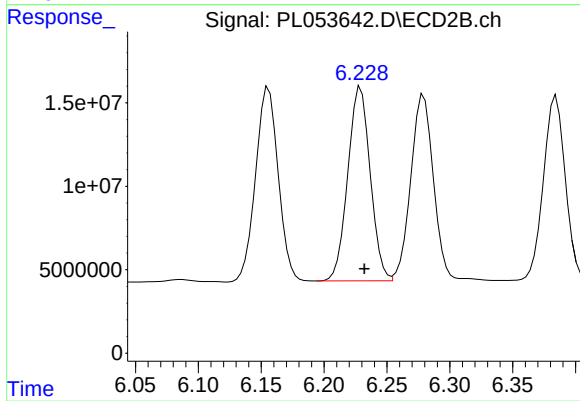
#25 Chlordane-3

R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 143204932
Conc: 392.09 ng/ml



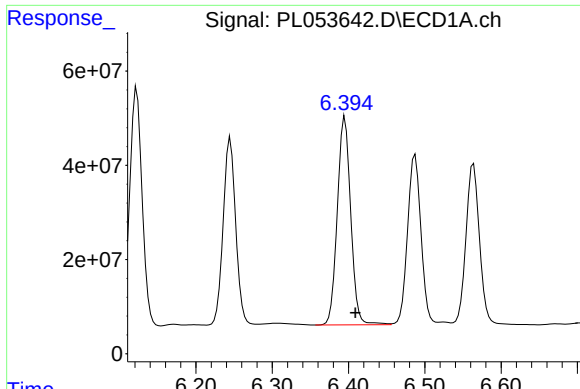
#26 Chlordane-4

R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 637838851
Conc: 680.40 ng/ml



#26 Chlordane-4

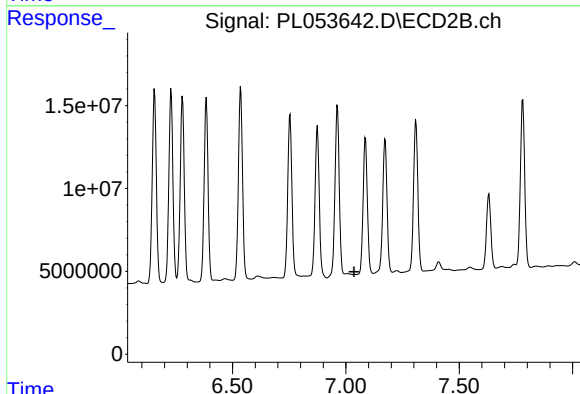
R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 144456097
Conc: 321.77 ng/ml



#27 Chlordane-5

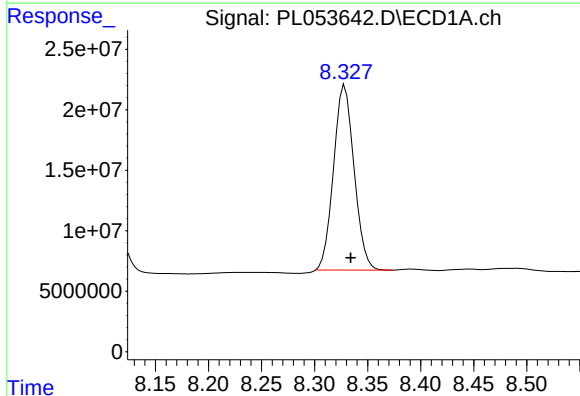
R.T.: 6.395 min
Delta R.T.: -0.014 min
Response: 539261417
Conc: 1475.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



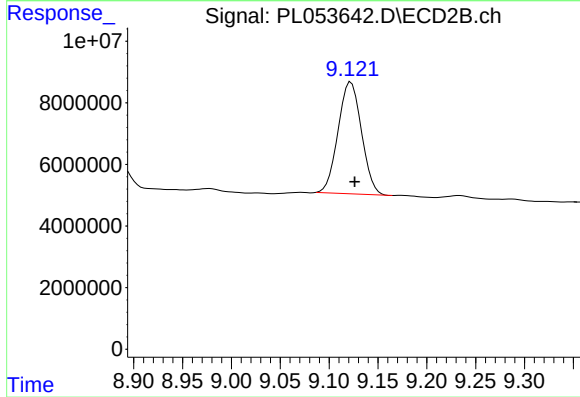
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.329 min
Delta R.T.: -0.005 min
Response: 205824015
Conc: 20.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: -0.004 min
Response: 60716361
Conc: 21.56 ng/ml