

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102319\
 Data File : PL053615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2019 17:39
 Operator : SG\AJ
 Sample : K5494-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 22:38:19 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...	3.542	4.045	162.8E6	41419553	15.016	16.552
28)	SA Decachlor...	8.330	9.122	99586297	30659717	10.150	10.888
Target Compounds							
2)	A alpha-BHC	3.986	4.436	837.1E6	177.1E6	48.009	51.232
3)	MA gamma-BHC...	4.272	4.722	759.6E6	167.5E6	48.772	52.014
4)	MA Heptachlor	4.580	5.231	772.6E6	161.7E6	48.949	50.183
5)	MB Aldrin	4.832	5.537	708.6E6	154.6E6	49.568	51.840
6)	B beta-BHC	4.523	4.891	319.6E6	72211277	48.499	46.750
7)	B delta-BHC	4.731	5.109	672.9E6	134.2E6	44.210	44.419
8)	B Heptachlo...	5.278	5.923	651.8E6	143.0E6	48.284	49.038
9)	A Endosulfan I	5.620	6.280	583.9E6	137.4E6	47.504	50.673
10)	B gamma-Chl...	5.506	6.157	662.0E6	146.4E6	48.524	50.188
11)	B alpha-Chl...	5.565	6.229	634.8E6	146.0E6	47.719	50.003
12)	B 4,4'-DDE	5.728	6.385	594.9E6	139.7E6	50.070	49.594
13)	MA Dieldrin	5.864	6.537	620.8E6	143.9E6	47.632	50.432
14)	MA Endrin	6.123	6.754	542.0E6	119.4E6	46.762	49.189
15)	B Endosulfa...	6.396	6.963	513.6E6	132.6E6	45.936	51.907
16)	A 4,4'-DDD	6.245	6.875	454.4E6	117.0E6	51.062	56.139
17)	MA 4,4'-DDT	6.488	7.174	444.4E6	114.8E6	44.857	49.645
18)	B Endrin al...	6.564	7.087	406.7E6	111.7E6	44.354	50.845
19)	B Endosulfa...	6.778	7.310	451.2E6	118.0E6	44.361	48.110
20)	A Methoxychlor	7.034	7.631	223.9E6	59524443	45.410	45.826
21)	B Endrin ke...	7.272	7.781	500.9E6	129.0E6	46.528	50.046
22)	Mirex	7.466	8.236	428.4E6	113.5E6	50.093	56.101
23)	Chlordane-1	4.426	0.000	3567084	0	10.057	N.D. #
24)	Chlordane-2	0.000	5.537f	0	154.6E6	N.D.	1573.631 #
25)	Chlordane-3	5.506	6.157	662.0E6	146.4E6	574.343	400.945 #
26)	Chlordane-4	5.565	6.229	634.8E6	146.0E6	677.185	325.144 #
27)	Chlordane-5	6.396	7.028	513.6E6	2412681	1404.964	31.560 #

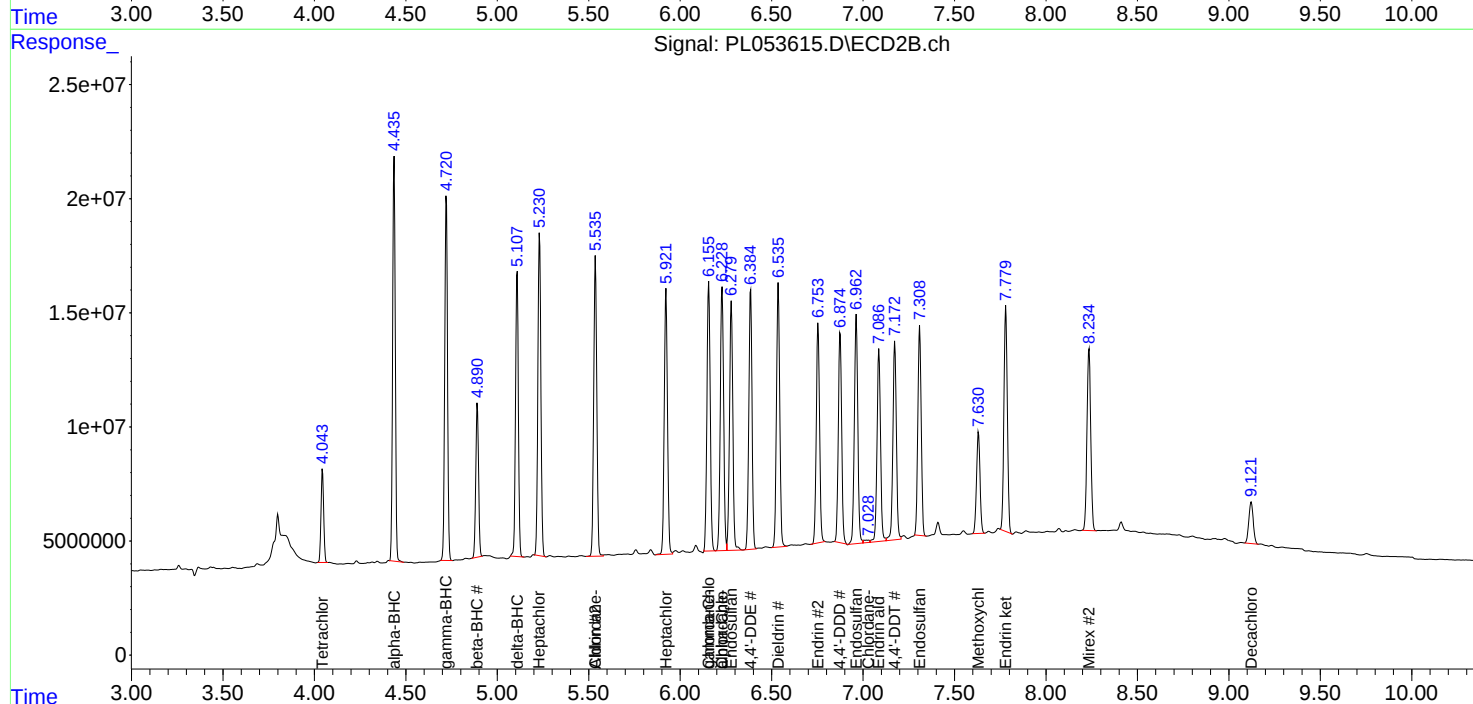
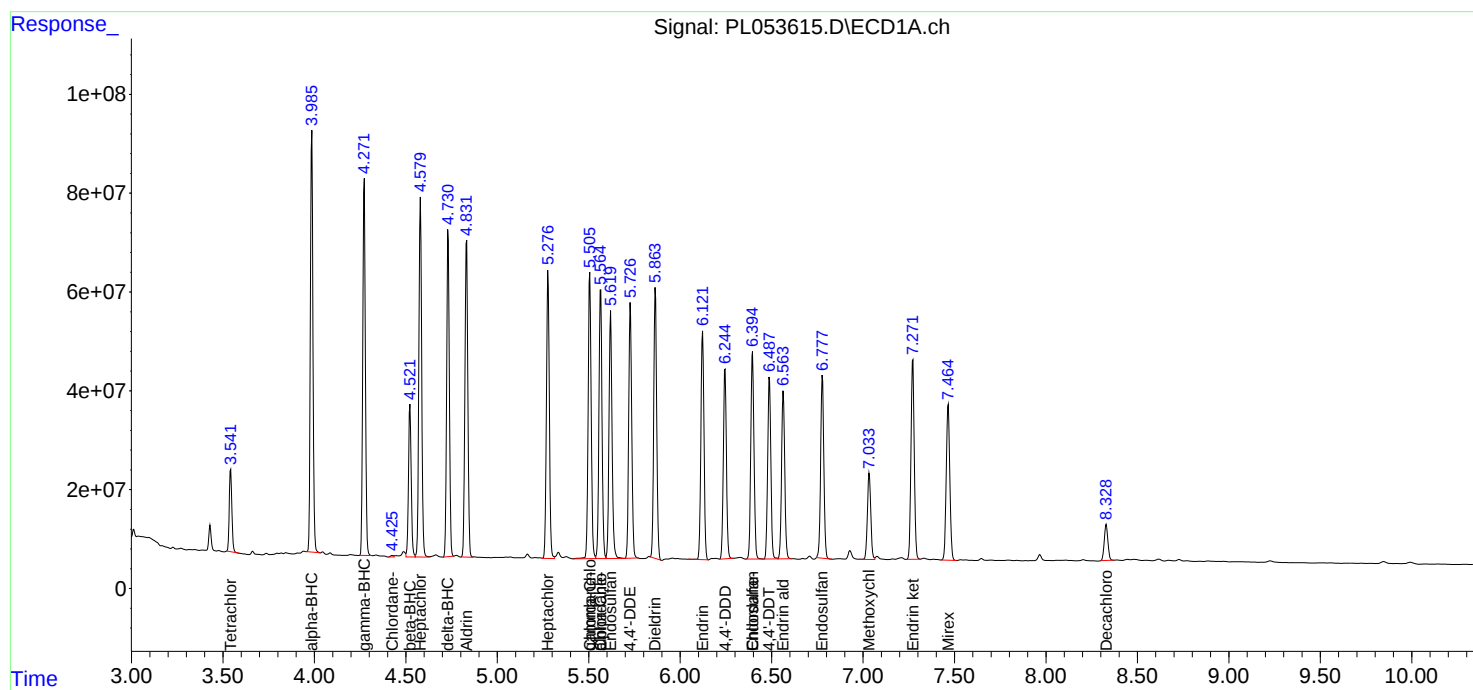
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

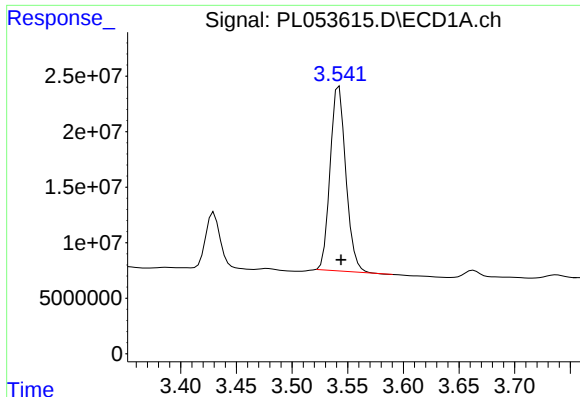
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102319\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2019 17:39
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

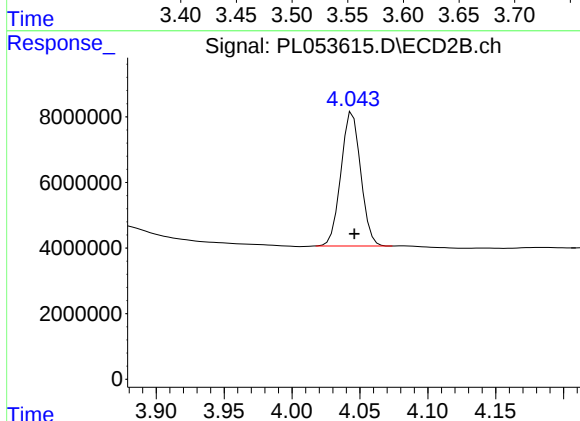




#1 Tetrachloro-m-xylene

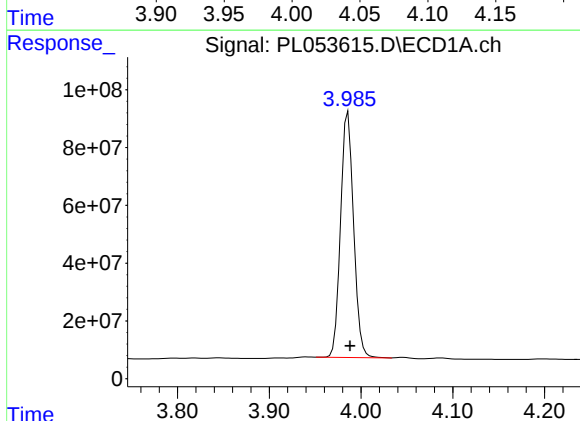
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 162767248
Conc: 15.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



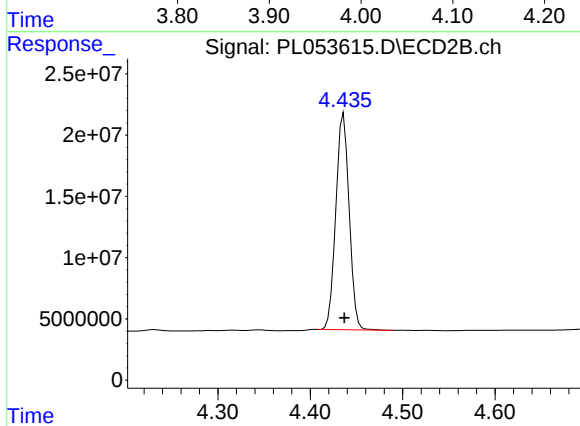
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 41419553
Conc: 16.55 ng/ml



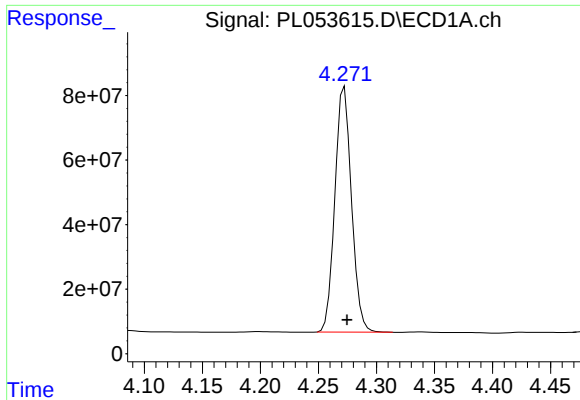
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 837118163
Conc: 48.01 ng/ml



#2 alpha-BHC

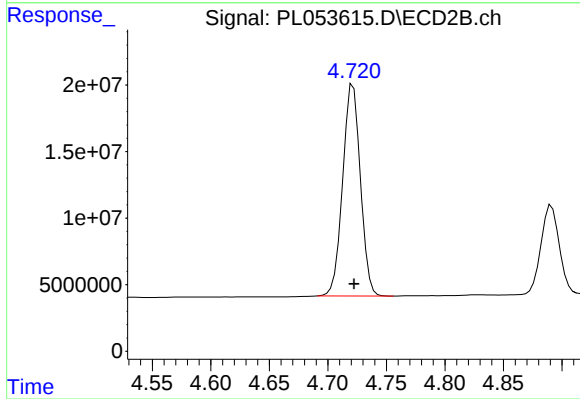
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 177114073
Conc: 51.23 ng/ml



#3 gamma-BHC (Lindane)

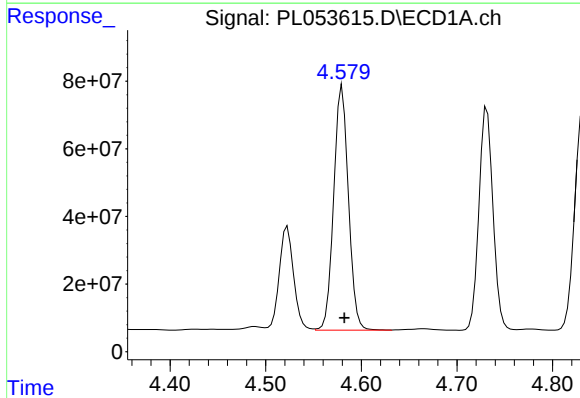
R.T.: 4.272 min
Delta R.T.: -0.002 min
Response: 759551815
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



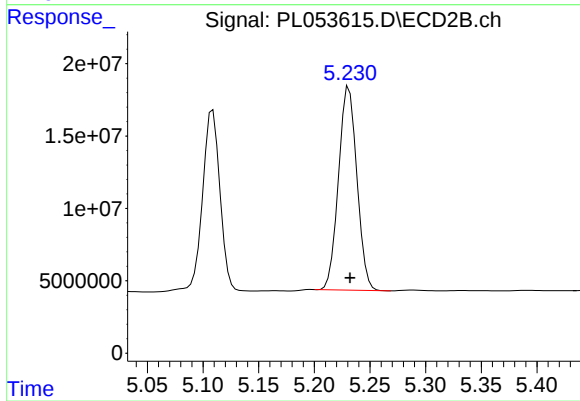
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 167505645
Conc: 52.01 ng/ml



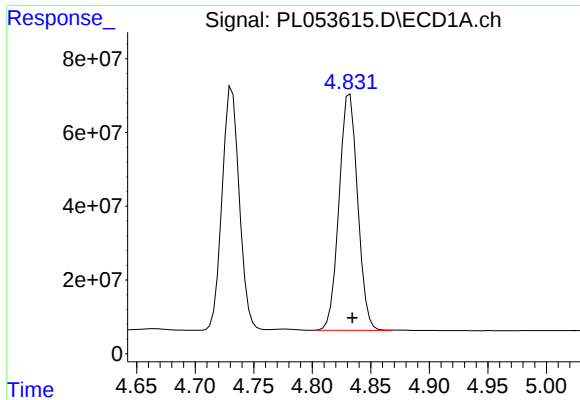
#4 Heptachlor

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 772552211
Conc: 48.95 ng/ml



#4 Heptachlor

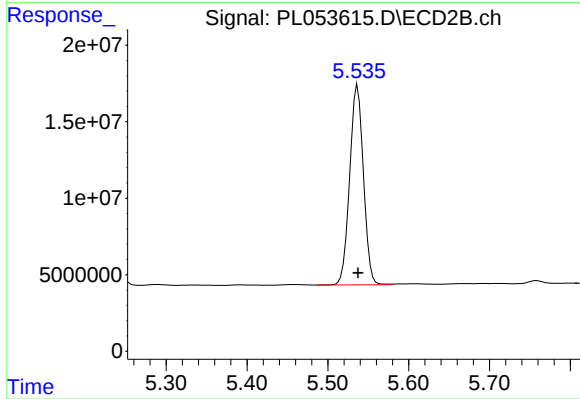
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 161697089
Conc: 50.18 ng/ml



#5 Aldrin

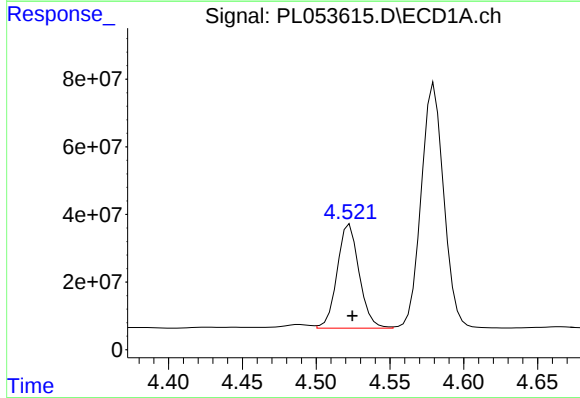
R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 708605523
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



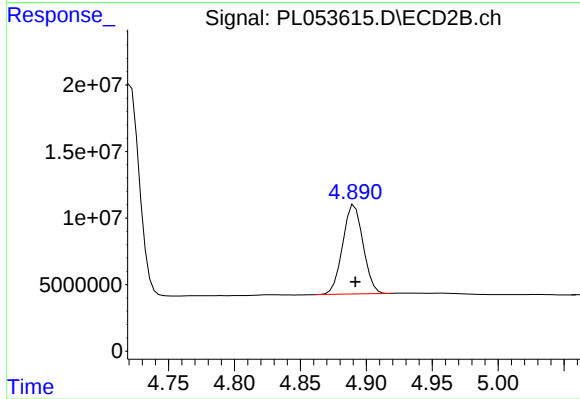
#5 Aldrin

R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 154564333
Conc: 51.84 ng/ml



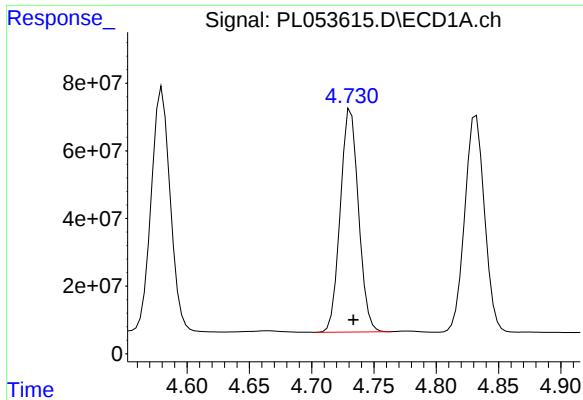
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 319603469
Conc: 48.50 ng/ml



#6 beta-BHC

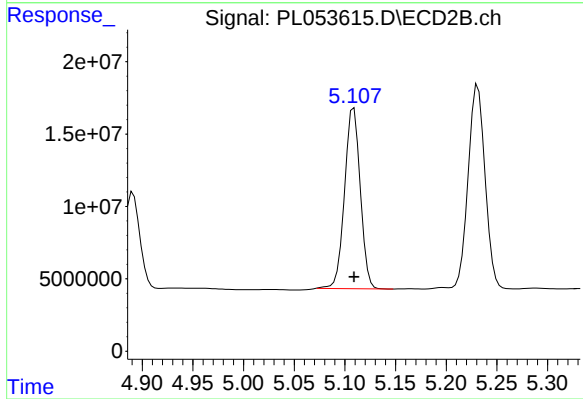
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 72211277
Conc: 46.75 ng/ml



#7 delta-BHC

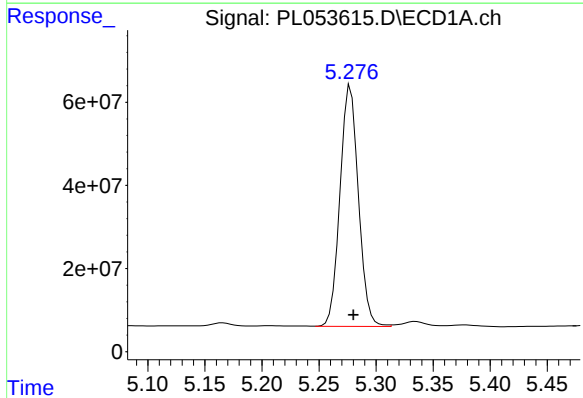
R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 672918743
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



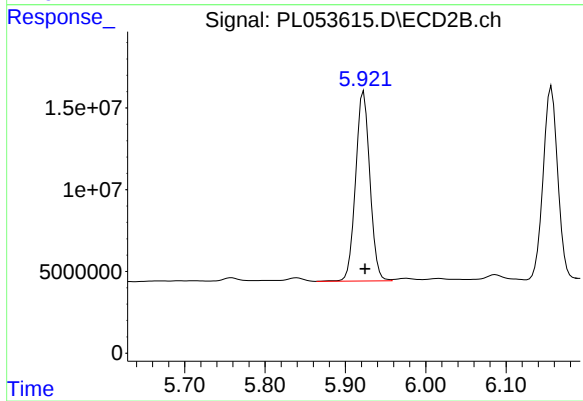
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 134170669
Conc: 44.42 ng/ml



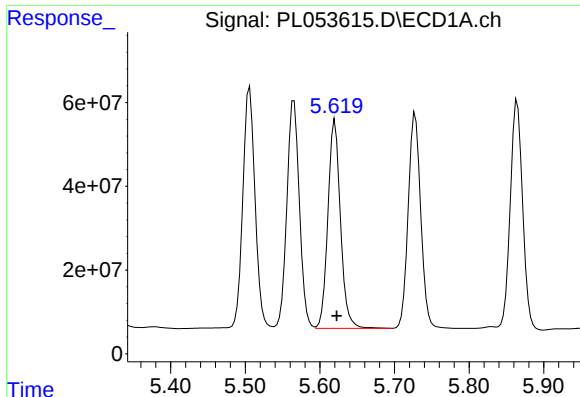
#8 Heptachlor epoxide

R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 651793575
Conc: 48.28 ng/ml



#8 Heptachlor epoxide

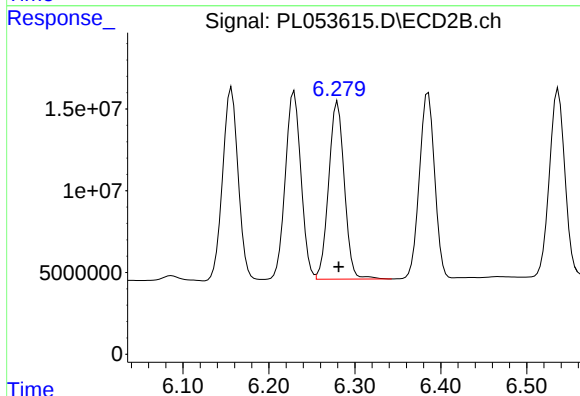
R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 143012902
Conc: 49.04 ng/ml



#9 Endosulfan I

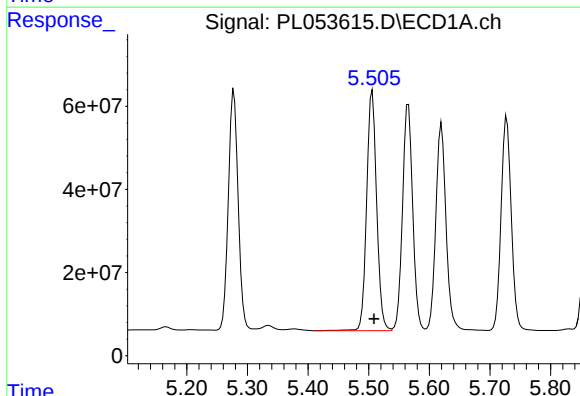
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 583926552
Conc: 47.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



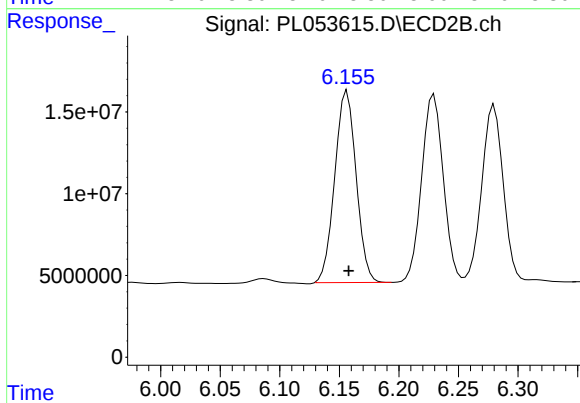
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 137385991
Conc: 50.67 ng/ml



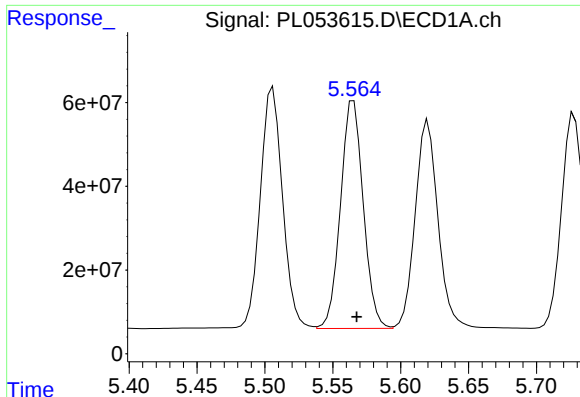
#10 gamma-Chlordane

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 662037929
Conc: 48.52 ng/ml



#10 gamma-Chlordane

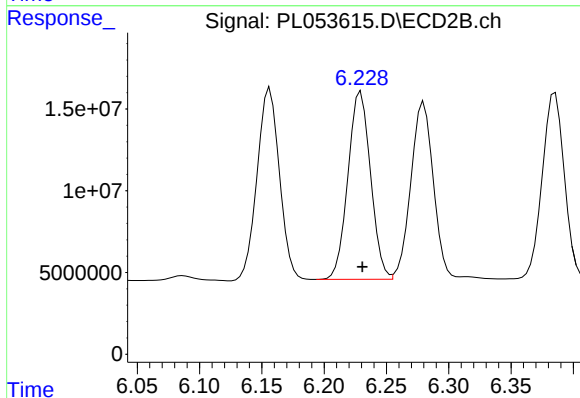
R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 146437409
Conc: 50.19 ng/ml



#11 alpha-Chlordane

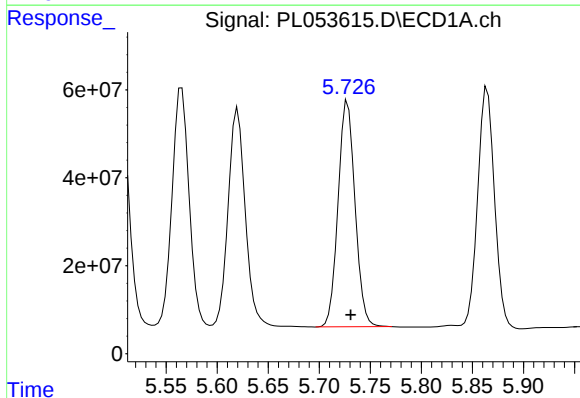
R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 634828388
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



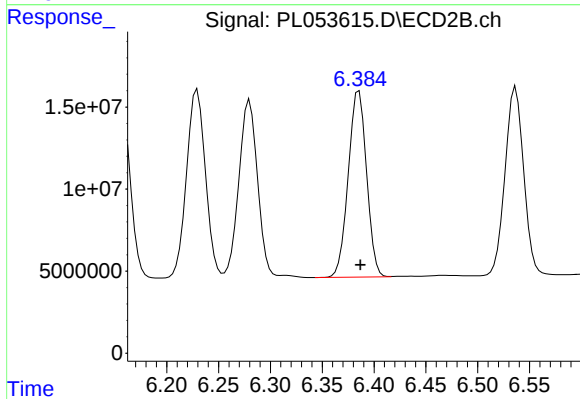
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.001 min
Response: 145969015
Conc: 50.00 ng/ml



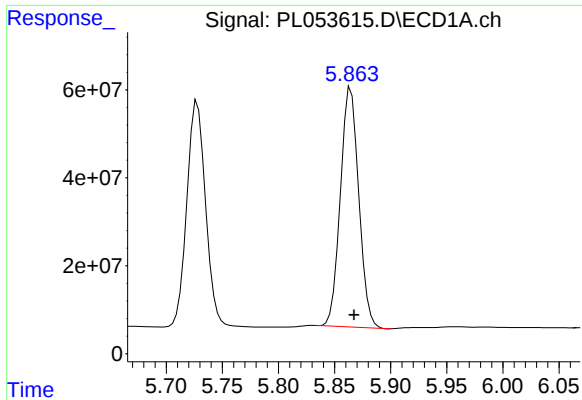
#12 4,4'-DDE

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 594944829
Conc: 50.07 ng/ml



#12 4,4'-DDE

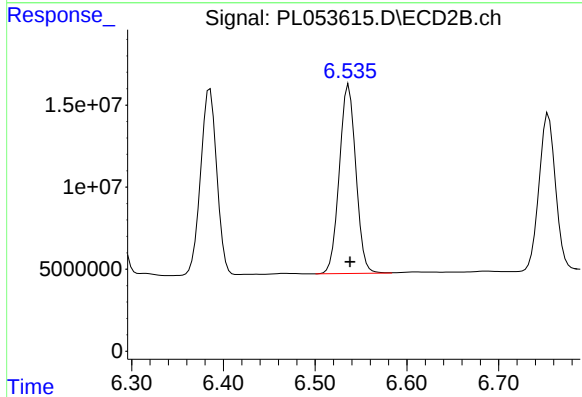
R.T.: 6.385 min
Delta R.T.: -0.001 min
Response: 139673055
Conc: 49.59 ng/ml



#13 Dieldrin

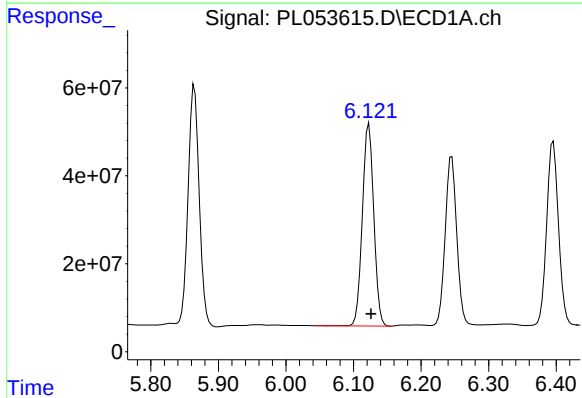
R.T.: 5.864 min
Delta R.T.: -0.003 min
Response: 620807089
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



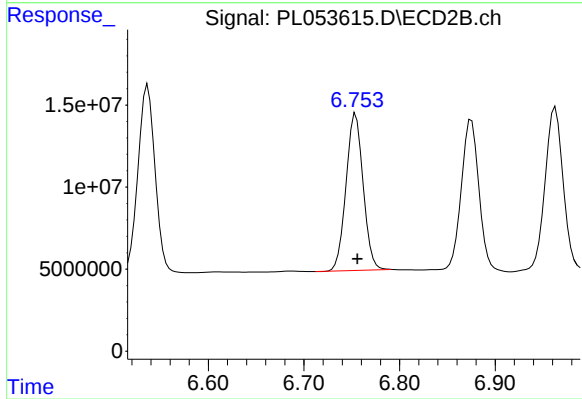
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 143914172
Conc: 50.43 ng/ml



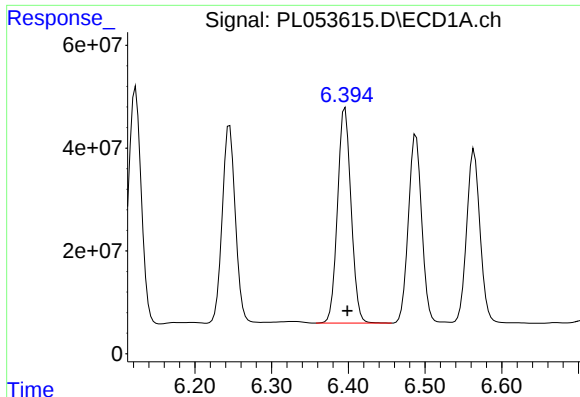
#14 Endrin

R.T.: 6.123 min
Delta R.T.: -0.003 min
Response: 542026280
Conc: 46.76 ng/ml



#14 Endrin

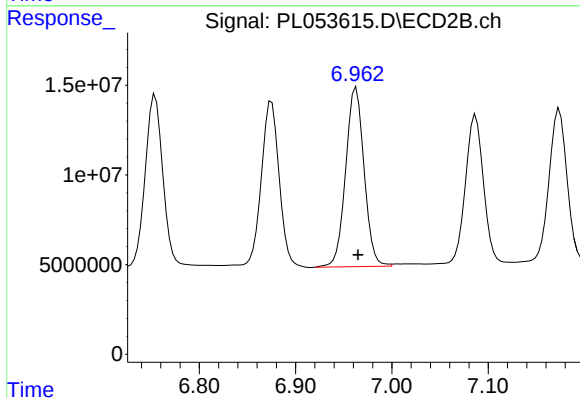
R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 119391839
Conc: 49.19 ng/ml



#15 Endosulfan II

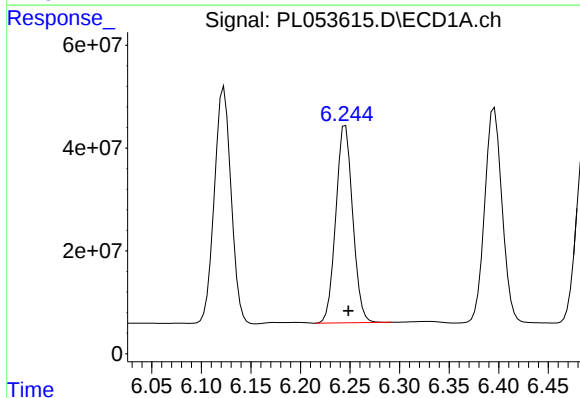
R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 513576560
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



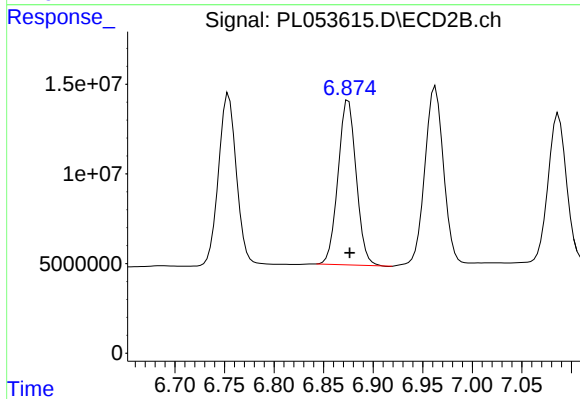
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 132595733
Conc: 51.91 ng/ml



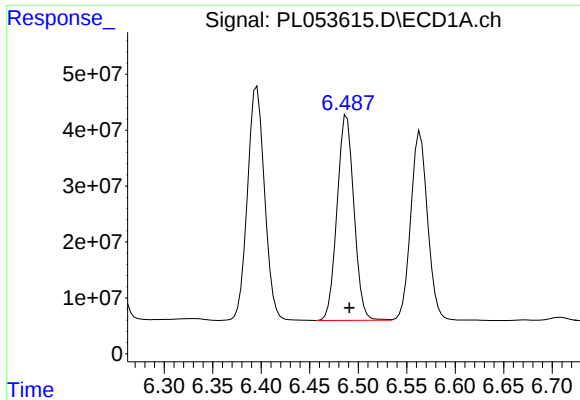
#16 4,4'-DDD

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 454445481
Conc: 51.06 ng/ml



#16 4,4'-DDD

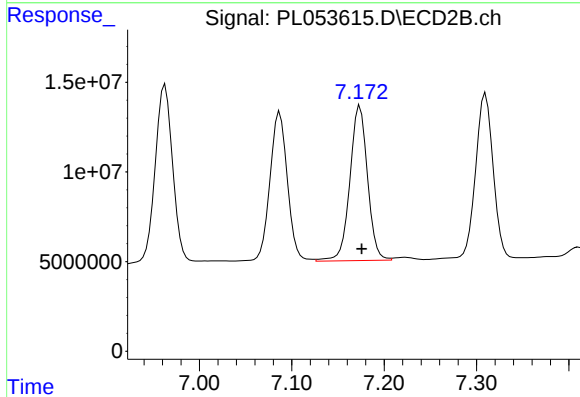
R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 116991564
Conc: 56.14 ng/ml



#17 4,4'-DDT

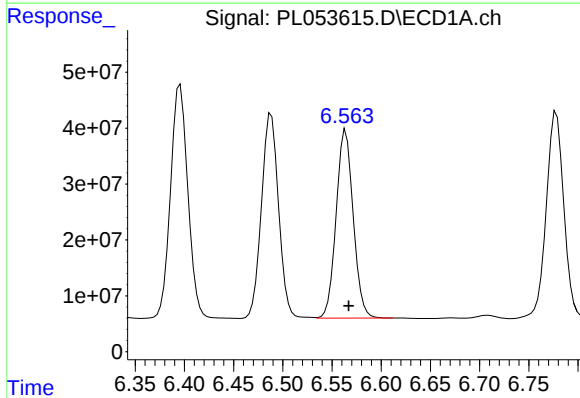
R.T.: 6.488 min
Delta R.T.: -0.003 min
Response: 444367526
Conc: 44.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



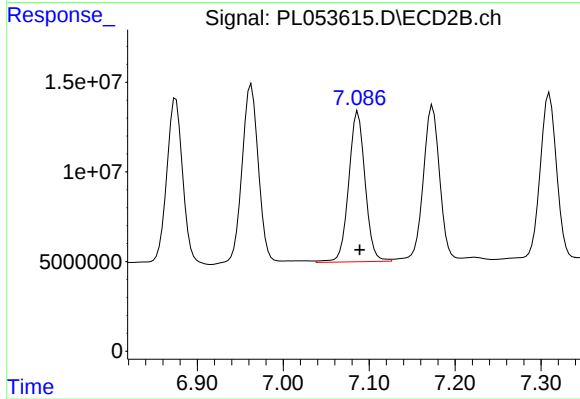
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 114803843
Conc: 49.64 ng/ml



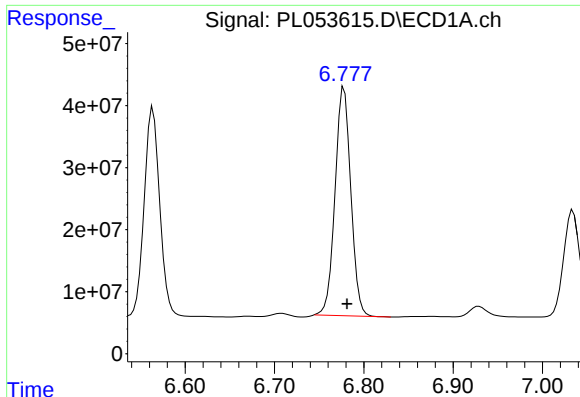
#18 Endrin aldehyde

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 406690571
Conc: 44.35 ng/ml



#18 Endrin aldehyde

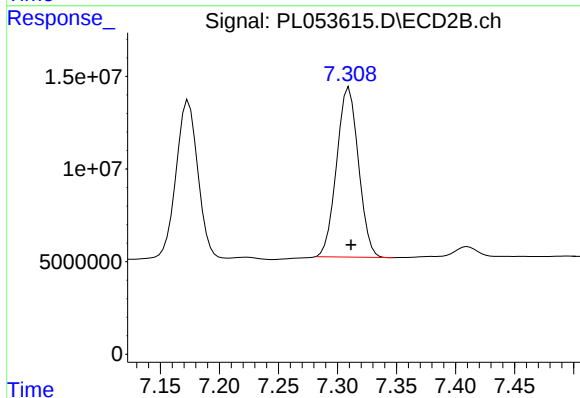
R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 111694726
Conc: 50.84 ng/ml



#19 Endosulfan Sulfate

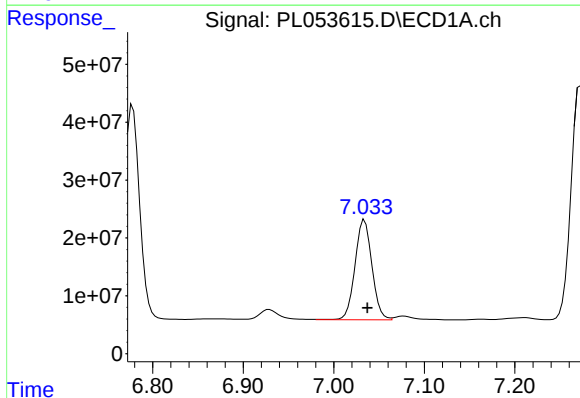
R.T.: 6.778 min
Delta R.T.: -0.003 min
Response: 451223211
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



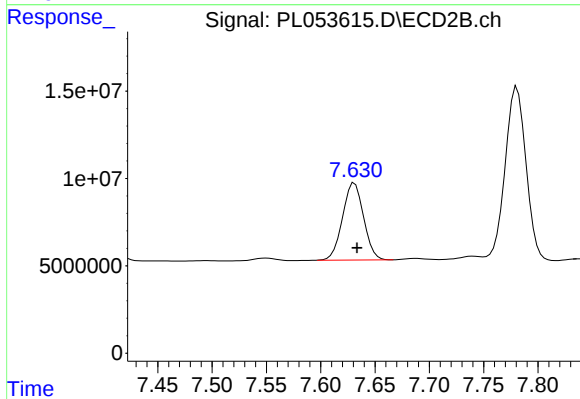
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 118042492
Conc: 48.11 ng/ml



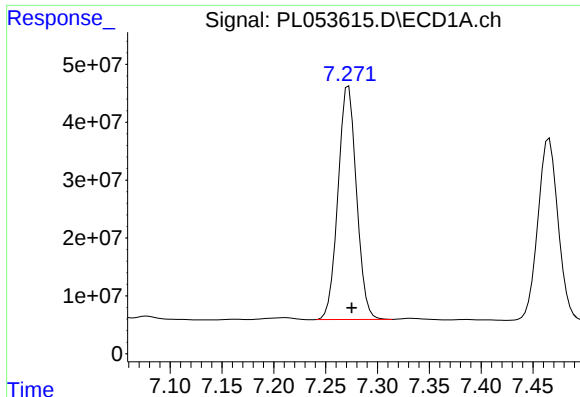
#20 Methoxychlor

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 223885812
Conc: 45.41 ng/ml



#20 Methoxychlor

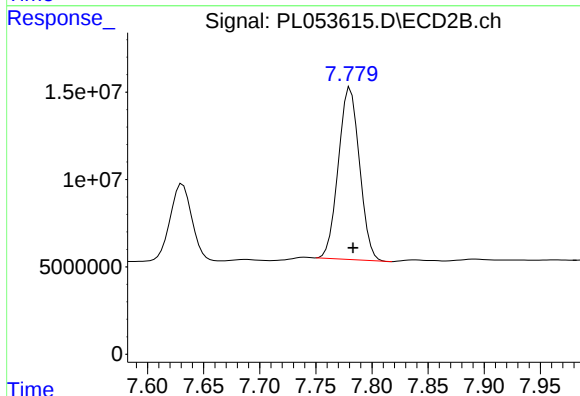
R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 59524443
Conc: 45.83 ng/ml



#21 Endrin ketone

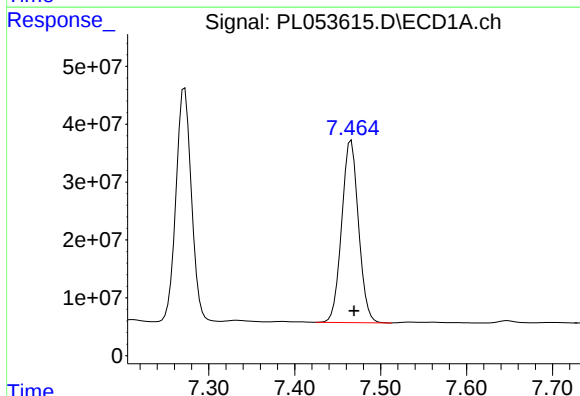
R.T.: 7.272 min
Delta R.T.: -0.003 min
Response: 500879694
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



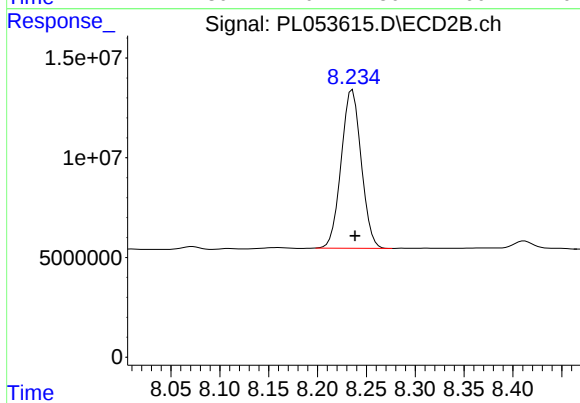
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 129043385
Conc: 50.05 ng/ml



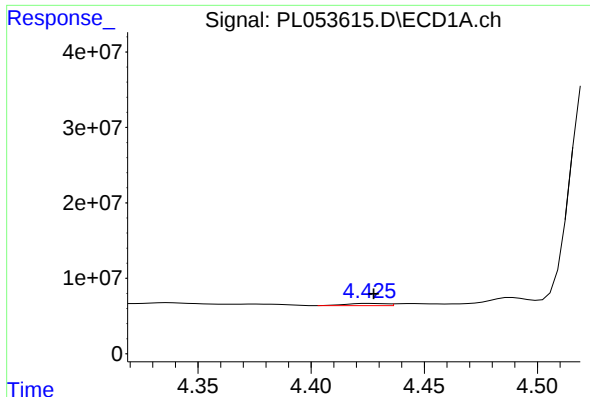
#22 Mirex

R.T.: 7.466 min
Delta R.T.: -0.004 min
Response: 428447592
Conc: 50.09 ng/ml



#22 Mirex

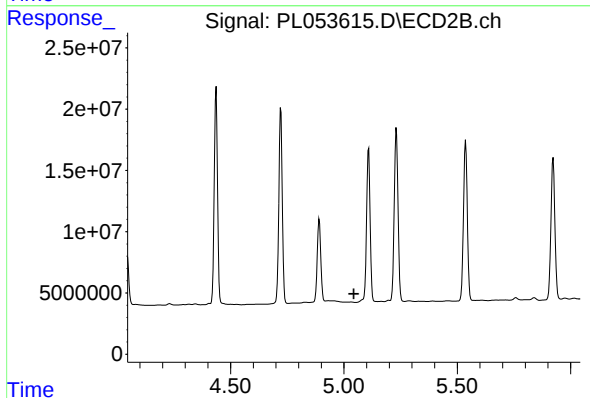
R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 113495536
Conc: 56.10 ng/ml



#23 Chlordane-1

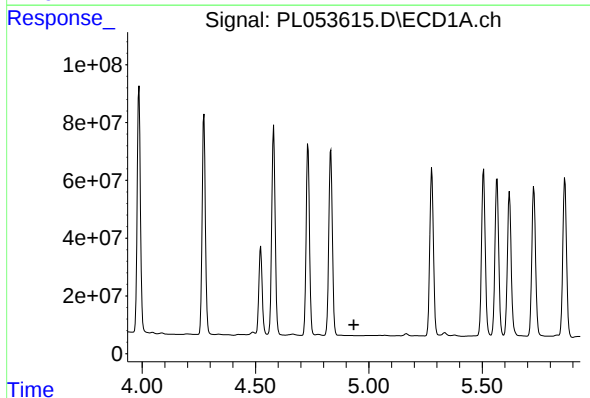
R.T.: 4.426 min
Delta R.T.: -0.002 min
Response: 3567084
Conc: 10.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



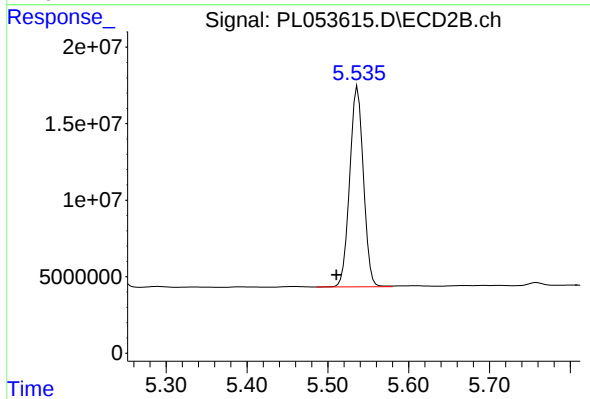
#23 Chlordane-1

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



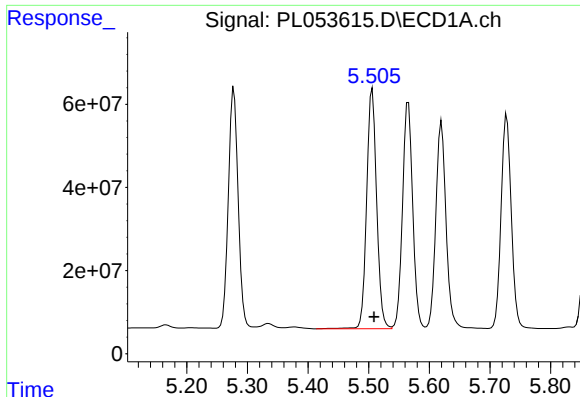
#24 Chlordane-2

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



#24 Chlordane-2

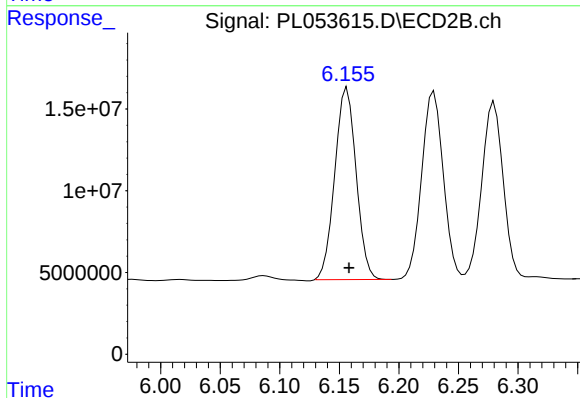
R.T.: 5.537 min
Delta R.T.: 0.026 min
Response: 154564333
Conc: 1573.63 ng/ml



#25 Chlordane-3

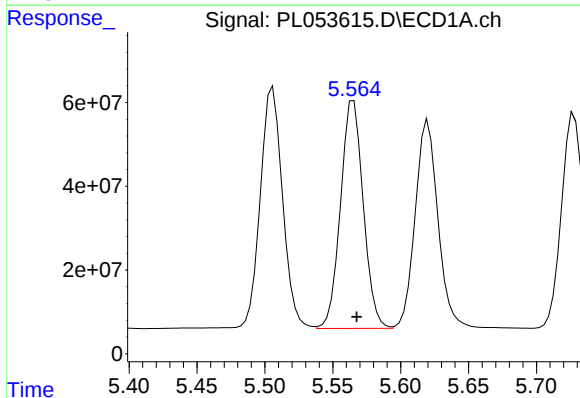
R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 662037929
Conc: 574.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



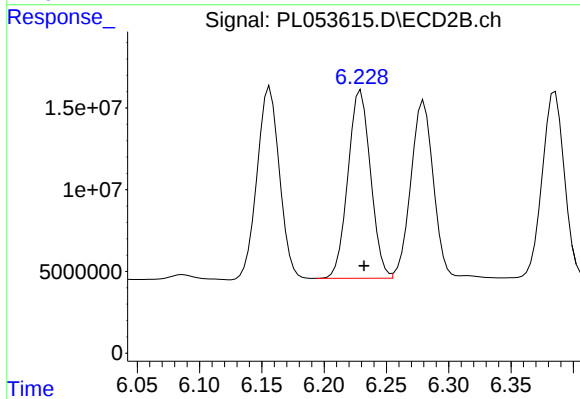
#25 Chlordane-3

R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 146437409
Conc: 400.95 ng/ml



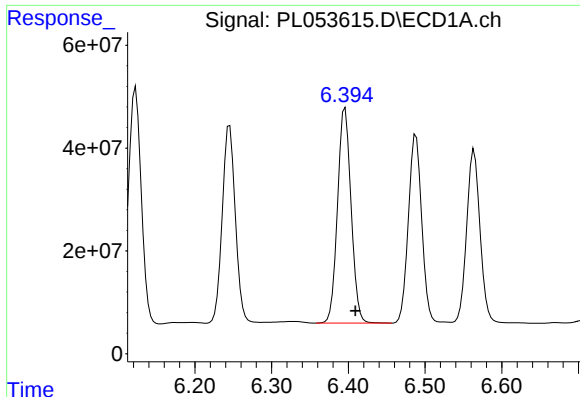
#26 Chlordane-4

R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 634828388
Conc: 677.19 ng/ml



#26 Chlordane-4

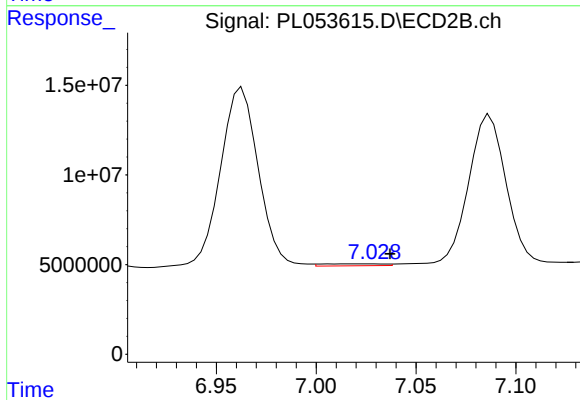
R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 145969015
Conc: 325.14 ng/ml



#27 Chlordane-5

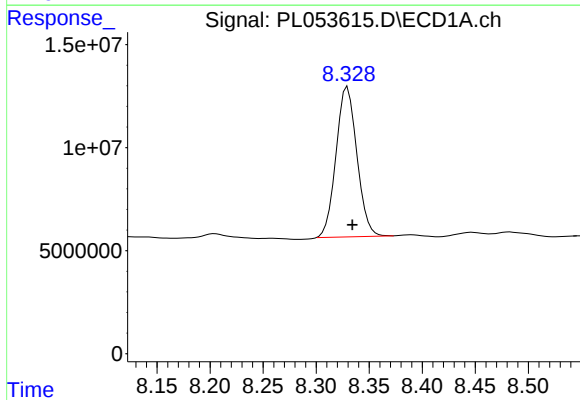
R.T.: 6.396 min
Delta R.T.: -0.013 min
Response: 513576560
Conc: 1404.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



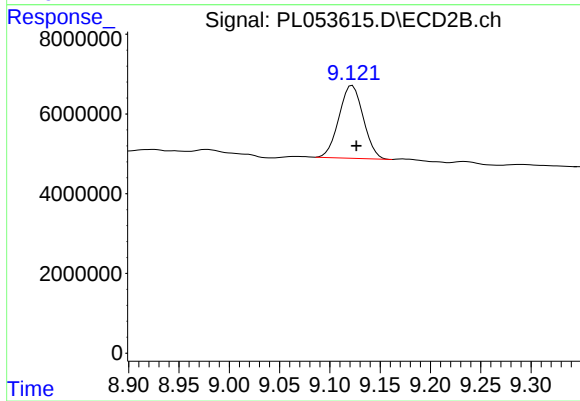
#27 Chlordane-5

R.T.: 7.028 min
Delta R.T.: -0.009 min
Response: 2412681
Conc: 31.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 99586297
Conc: 10.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: -0.004 min
Response: 30659717
Conc: 10.89 ng/ml