

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050323\
 Data File : PL082479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2023 20:31
 Operator : AR\AJ
 Sample : 02583-07MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 21:52:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.321	2.645	47222943	37578629	17.678	16.221
28)	SA Decachlor...	8.742	7.756	33963809	37767117	17.791	16.546
Target Compounds							
2)	A alpha-BHC	3.771	3.143	168.7E6	134.8E6	42.385	39.612
3)	MA gamma-BHC...	4.099	3.470	164.7E6	135.0E6	44.061	41.988
4)	MA Heptachlor	4.677	3.801	152.0E6	129.7E6	41.587	37.882
5)	MB Aldrin	5.014	4.078	147.5E6	132.4E6	44.736	42.020
6)	B beta-BHC	4.302	3.769	72092302	55682777	42.270	40.811
7)	B delta-BHC	4.544	3.995	128.6E6	103.6E6	35.738	33.760
8)	B Heptachlo...	5.440	4.579	134.5E6	119.9E6	44.108	41.613
9)	A Endosulfan I	5.821	4.947	122.0E6	109.6E6	43.982	41.075
10)	B gamma-Chl...	5.696	4.828	134.8E6	119.3E6	44.831	41.120
11)	B alpha-Chl...	5.773	4.891	131.9E6	119.7E6	44.189	41.229
12)	B 4,4'-DDE	5.951	5.082	116.5E6	101.6E6	45.842	44.179
13)	MA Dieldrin	6.096	5.211	127.9E6	114.8E6	46.369	42.510
14)	MA Endrin	6.323	5.485	106.2E6	99860851	43.793	40.827
15)	B Endosulfa...	6.546	5.782	105.8E6	101.7E6	43.475	45.104
16)	A 4,4'-DDD	6.468	5.636	81881065	86246029	40.391	46.111
17)	MA 4,4'-DDT	6.779	5.885	89350834	83297435	39.057	39.429
18)	B Endrin al...	6.676	5.962	79510411	73809597	42.199	39.441
19)	B Endosulfa...	6.910	6.185	100.8E6	96172071	42.494	40.850
20)	A Methoxychlor	7.260	6.464	50149163	49141406	41.095	40.551
21)	B Endrin ke...	7.390	6.689	113.2E6	113.8E6	47.257	44.817
22)	Mirex	7.854	6.861	85097975	93574075	43.499	40.609
23)	Chlordane-1	0.000	3.648f	0	827397	N.D.	9.330 #
24)	Chlordane-2	5.014f	4.216	147.5E6	908365	1239.130	8.100 #
25)	Chlordane-3	5.696	4.828	134.8E6	119.3E6	312.251	419.992 #
26)	Chlordane-4	5.773	4.891	131.9E6	119.7E6	253.670	401.068 #
27)	Chlordane-5	0.000	5.782	0	101.7E6	N.D.	1029.953 #

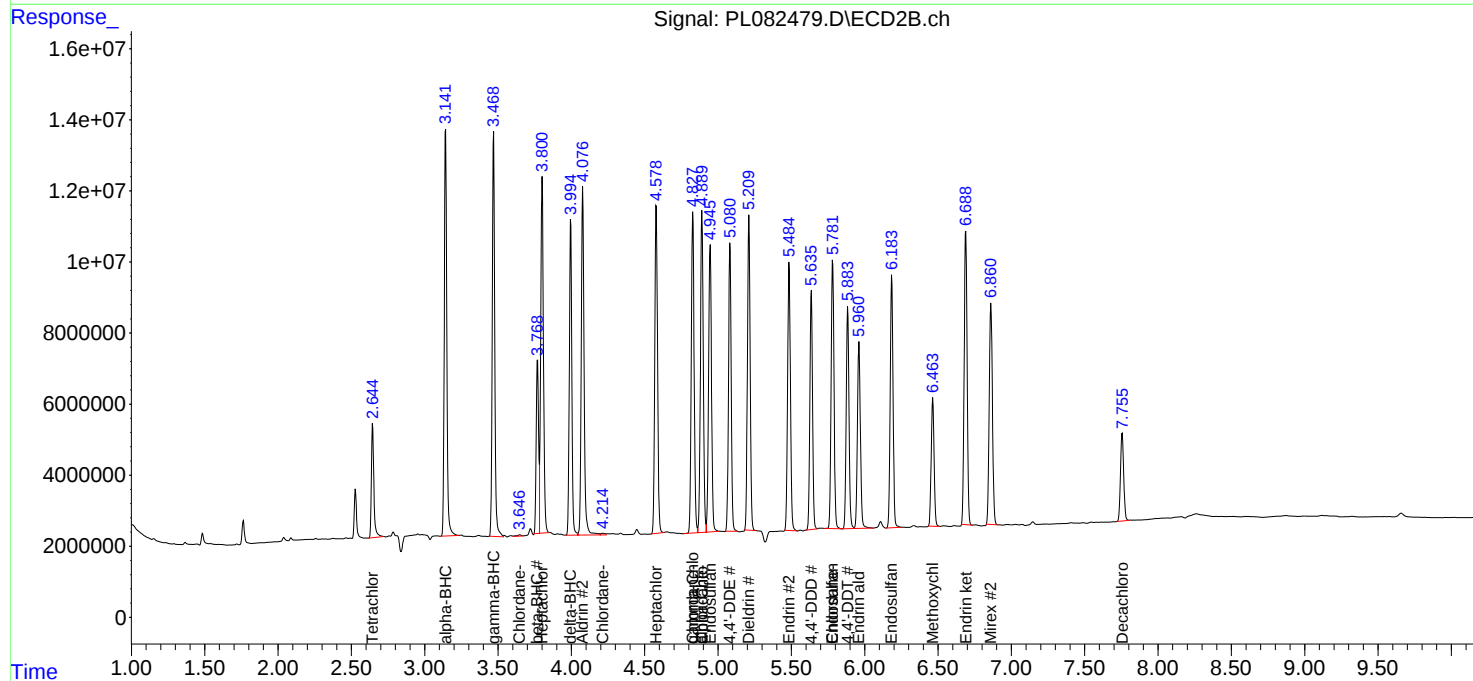
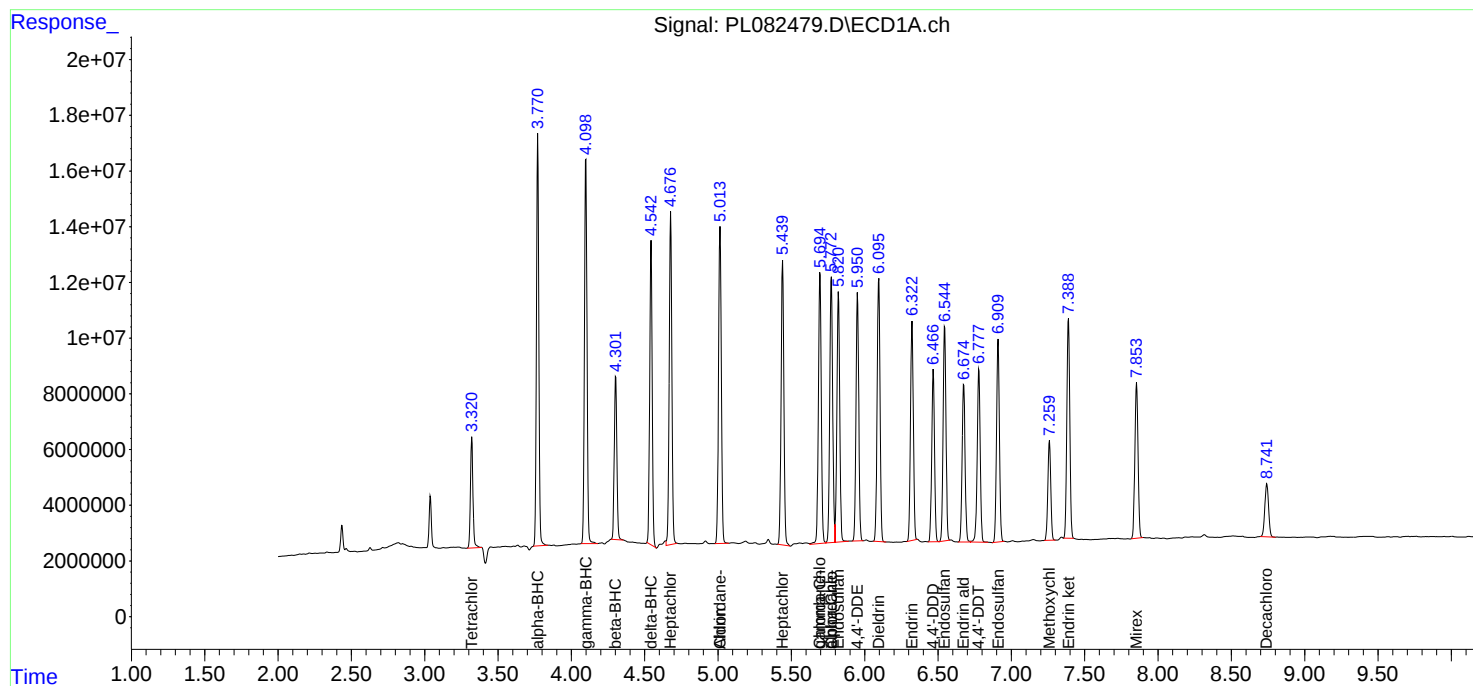
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

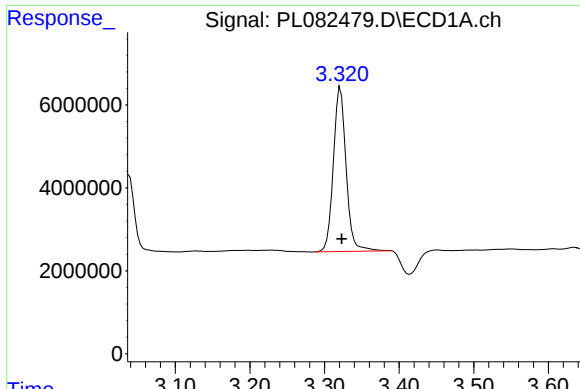
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050323\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

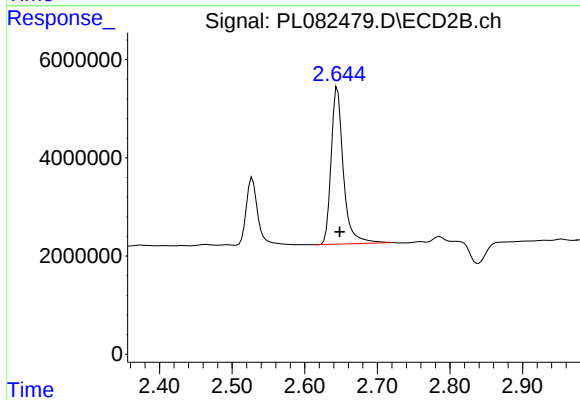




#1 Tetrachloro-m-xylene

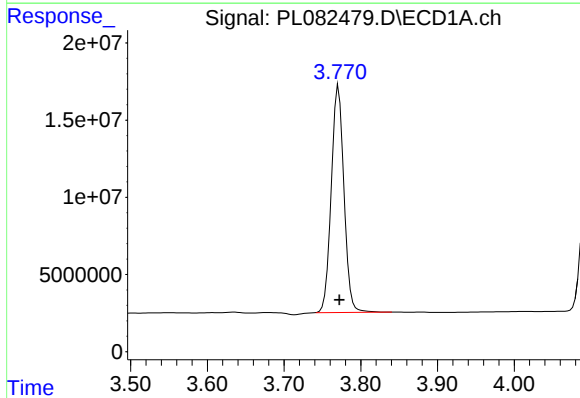
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 47222943
Conc: 17.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



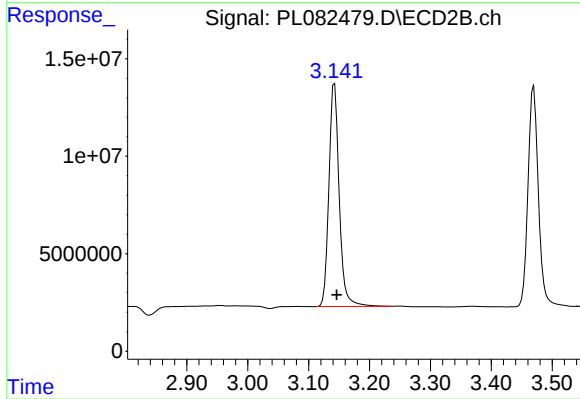
#1 Tetrachloro-m-xylene

R.T.: 2.645 min
Delta R.T.: -0.003 min
Response: 37578629
Conc: 16.22 ng/ml



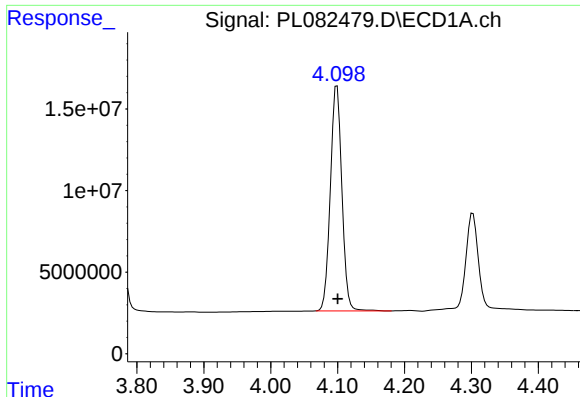
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 168703429
Conc: 42.39 ng/ml



#2 alpha-BHC

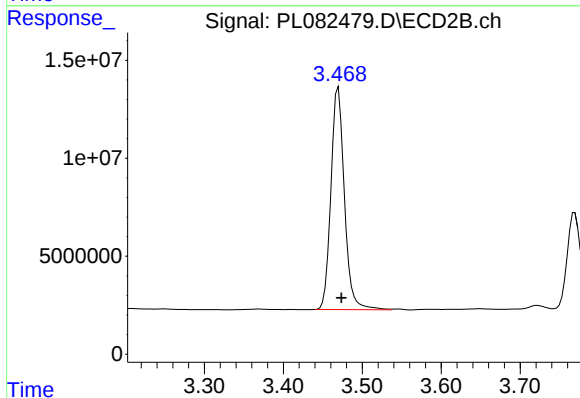
R.T.: 3.143 min
Delta R.T.: -0.004 min
Response: 134819360
Conc: 39.61 ng/ml



#3 gamma-BHC (Lindane)

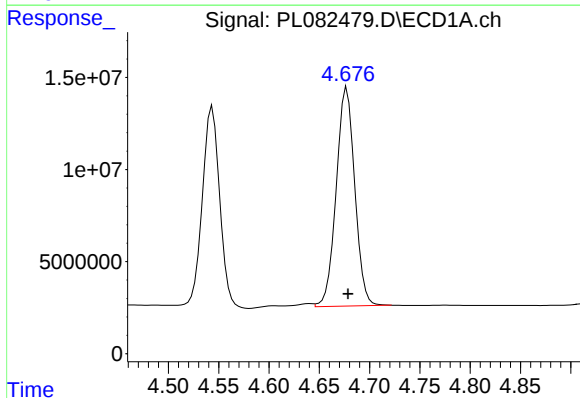
R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 164741524
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



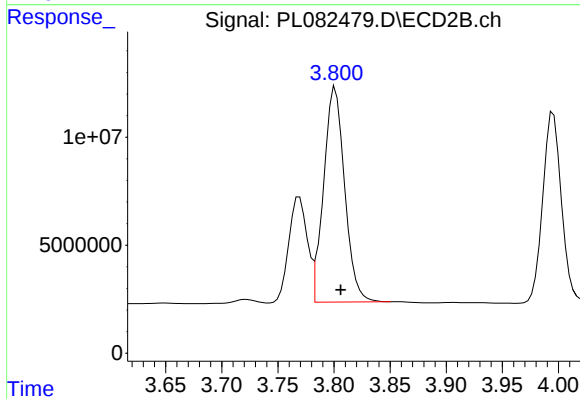
#3 gamma-BHC (Lindane)

R.T.: 3.470 min
Delta R.T.: -0.004 min
Response: 135003870
Conc: 41.99 ng/ml



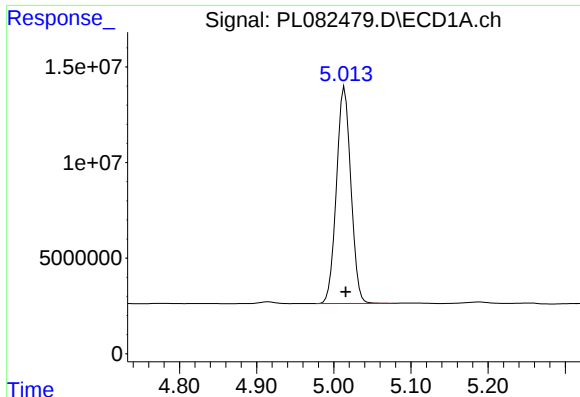
#4 Heptachlor

R.T.: 4.677 min
Delta R.T.: -0.001 min
Response: 151956983
Conc: 41.59 ng/ml



#4 Heptachlor

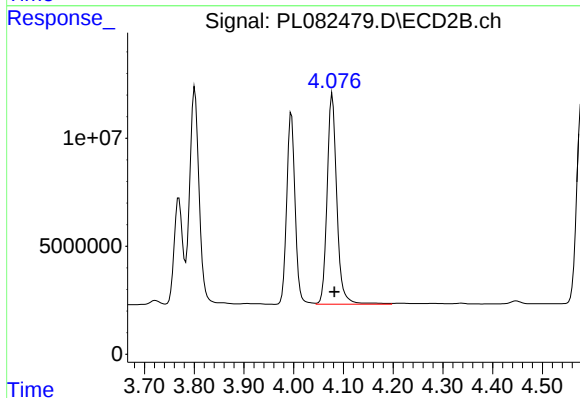
R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 129680388
Conc: 37.88 ng/ml



#5 Aldrin

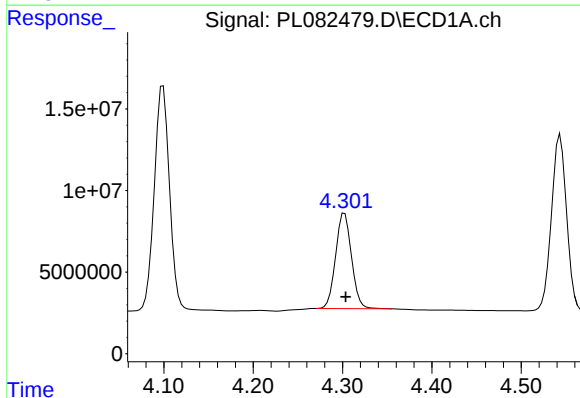
R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 147521483
Conc: 44.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



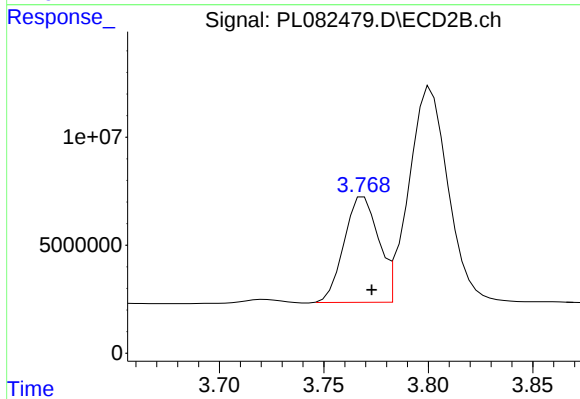
#5 Aldrin

R.T.: 4.078 min
Delta R.T.: -0.005 min
Response: 132355631
Conc: 42.02 ng/ml



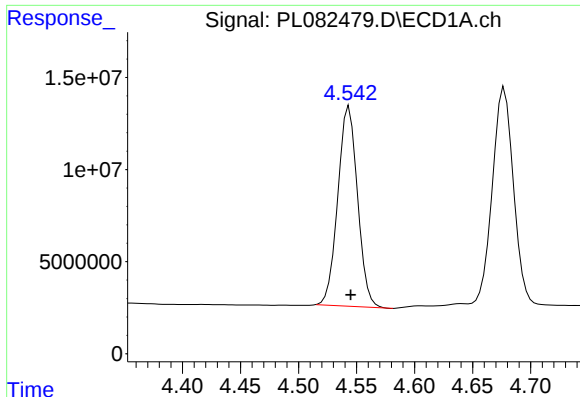
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 72092302
Conc: 42.27 ng/ml



#6 beta-BHC

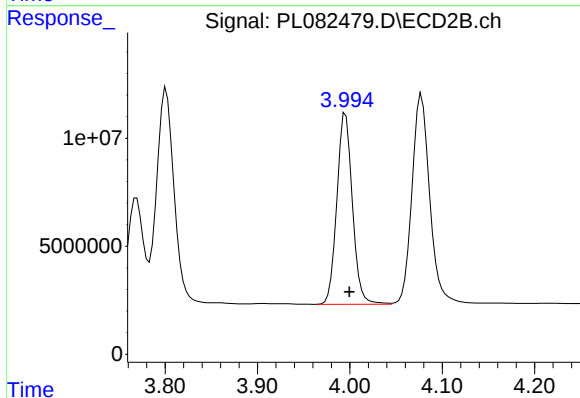
R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 55682777
Conc: 40.81 ng/ml



#7 delta-BHC

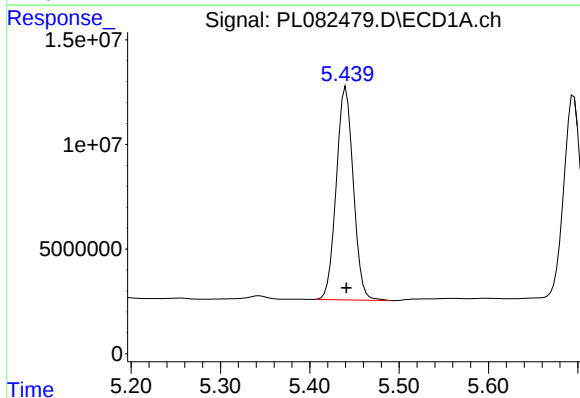
R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 128578708
Conc: 35.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



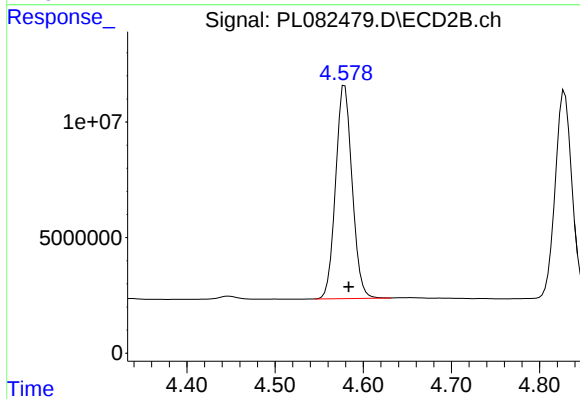
#7 delta-BHC

R.T.: 3.995 min
Delta R.T.: -0.004 min
Response: 103556654
Conc: 33.76 ng/ml



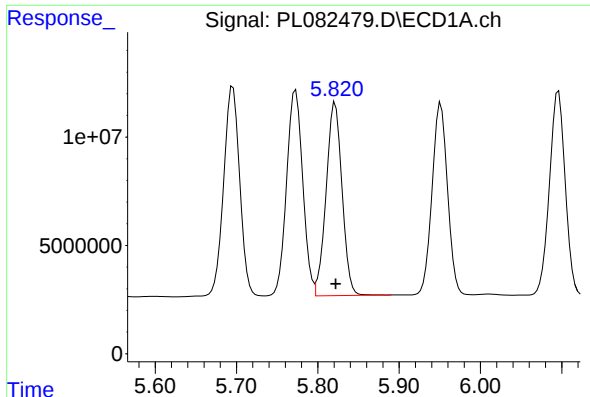
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 134545490
Conc: 44.11 ng/ml



#8 Heptachlor epoxide

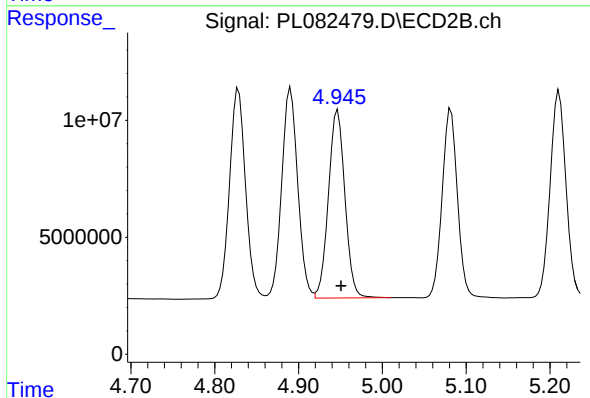
R.T.: 4.579 min
Delta R.T.: -0.004 min
Response: 119882337
Conc: 41.61 ng/ml



#9 Endosulfan I

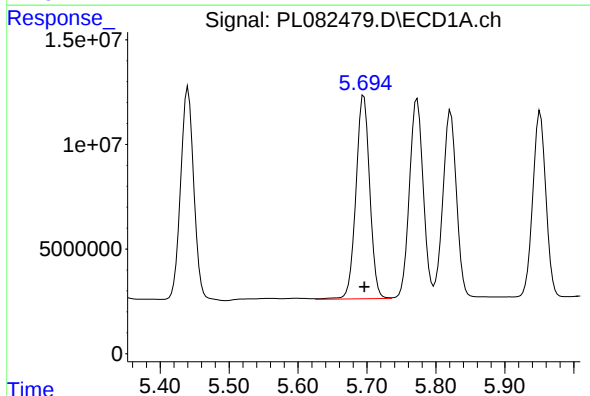
R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 121951296
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



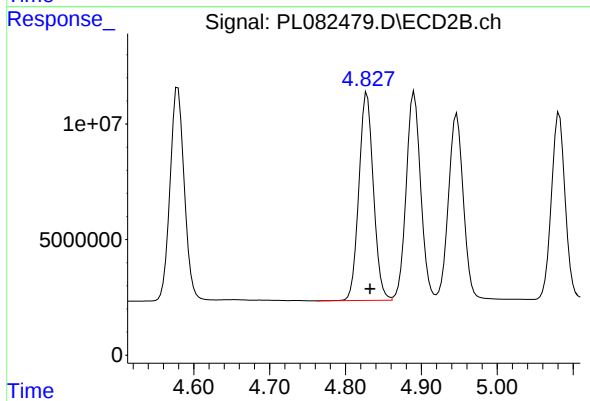
#9 Endosulfan I

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 109646918
Conc: 41.07 ng/ml



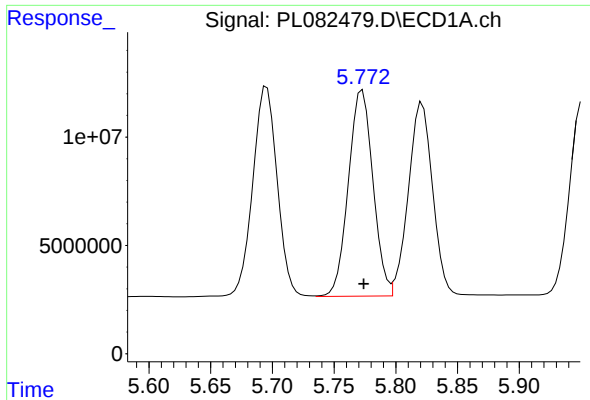
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 134799698
Conc: 44.83 ng/ml



#10 gamma-Chlordane

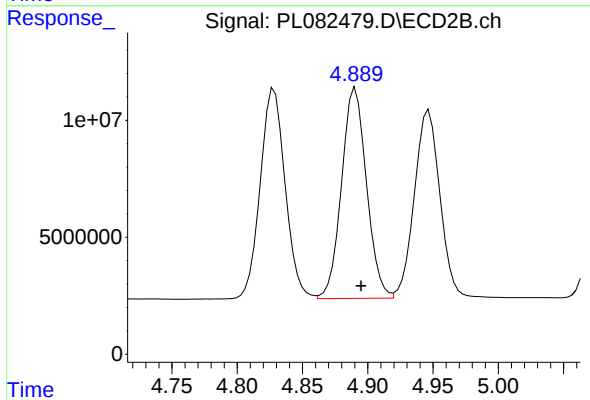
R.T.: 4.828 min
Delta R.T.: -0.004 min
Response: 119323866
Conc: 41.12 ng/ml



#11 alpha-Chlordane

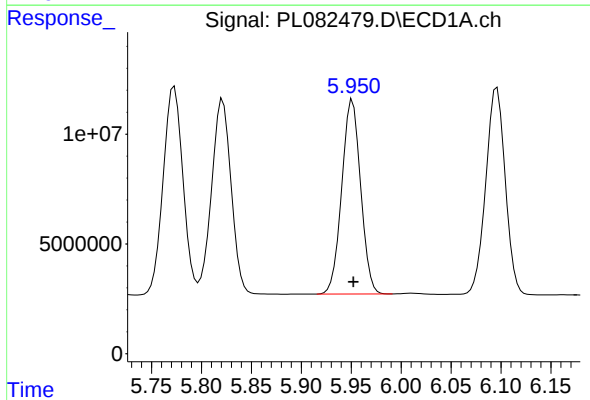
R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 131886999
Conc: 44.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



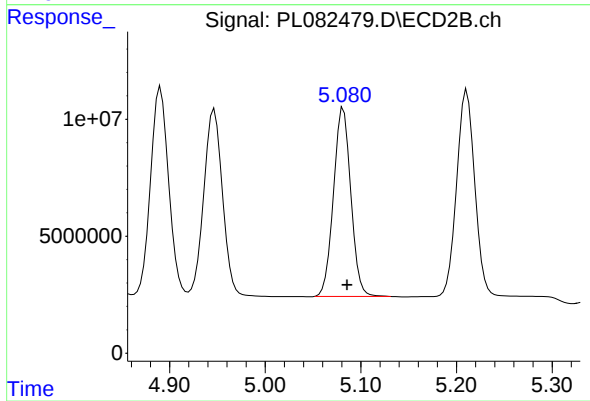
#11 alpha-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 119681225
Conc: 41.23 ng/ml



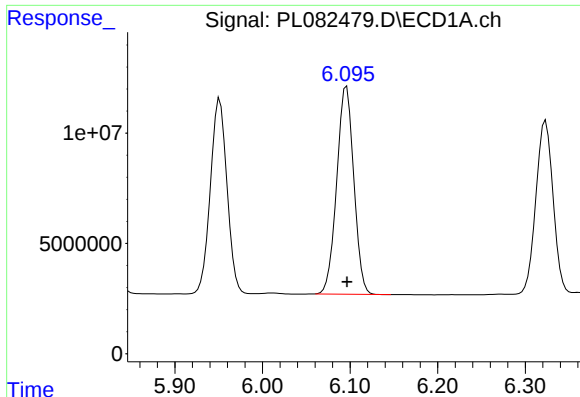
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 116533035
Conc: 45.84 ng/ml



#12 4,4'-DDE

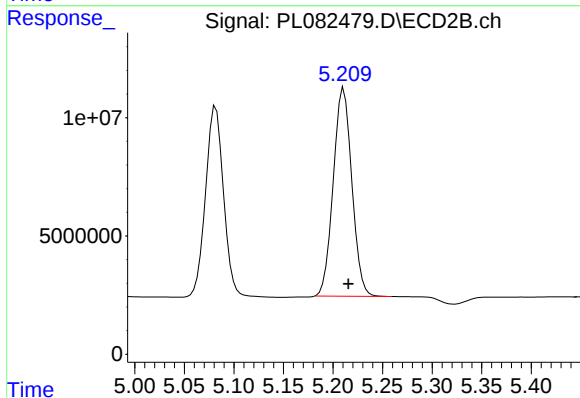
R.T.: 5.082 min
Delta R.T.: -0.004 min
Response: 101566645
Conc: 44.18 ng/ml



#13 Dieldrin

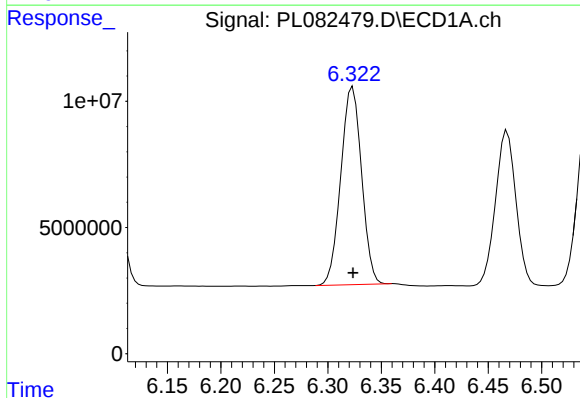
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 127939162
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



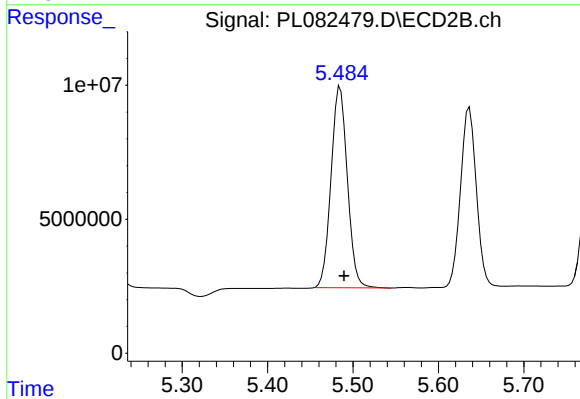
#13 Dieldrin

R.T.: 5.211 min
Delta R.T.: -0.005 min
Response: 114792965
Conc: 42.51 ng/ml



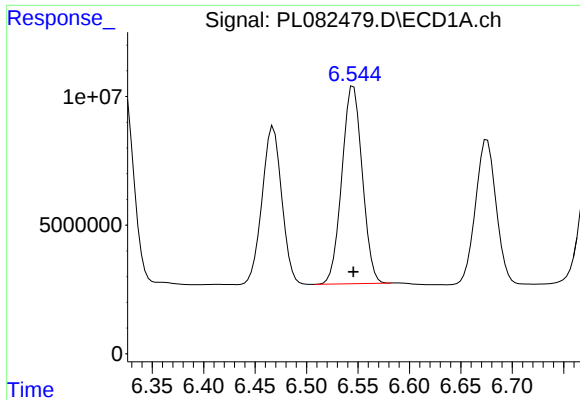
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 106177607
Conc: 43.79 ng/ml



#14 Endrin

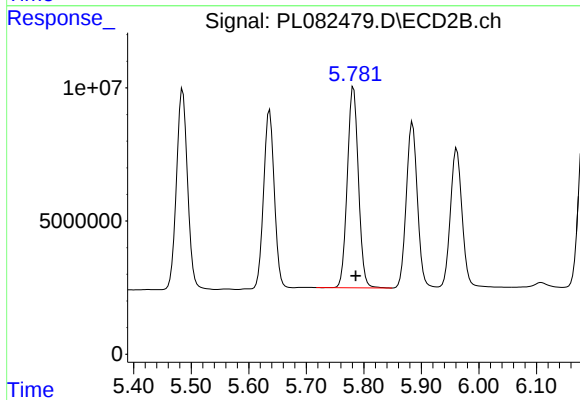
R.T.: 5.485 min
Delta R.T.: -0.005 min
Response: 99860851
Conc: 40.83 ng/ml



#15 Endosulfan II

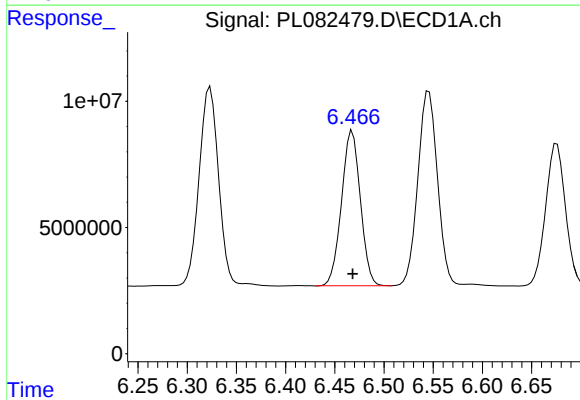
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 105842264
Conc: 43.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



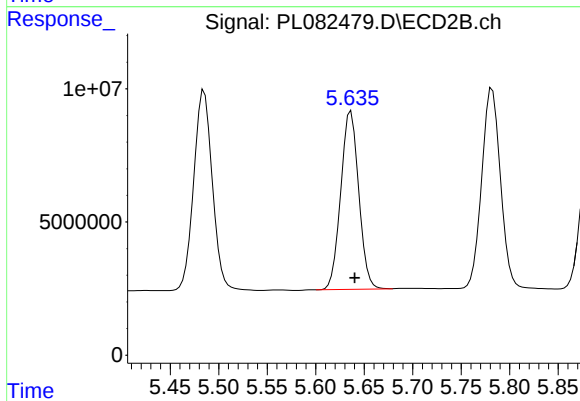
#15 Endosulfan II

R.T.: 5.782 min
Delta R.T.: -0.004 min
Response: 101669191
Conc: 45.10 ng/ml



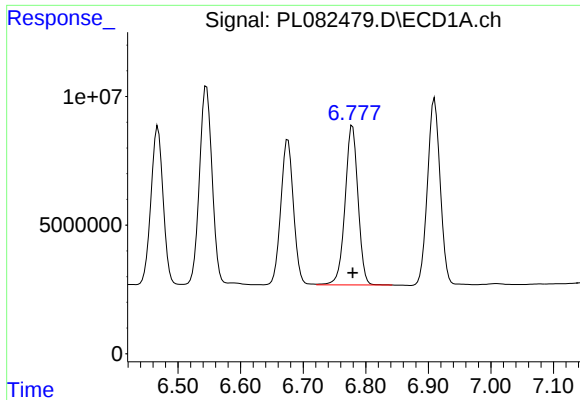
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 81881065
Conc: 40.39 ng/ml



#16 4,4'-DDD

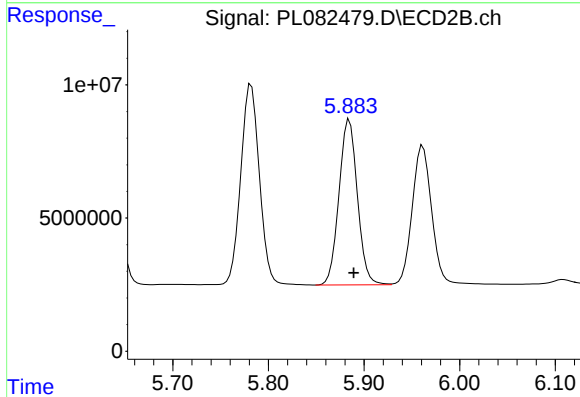
R.T.: 5.636 min
Delta R.T.: -0.004 min
Response: 86246029
Conc: 46.11 ng/ml



#17 4,4'-DDT

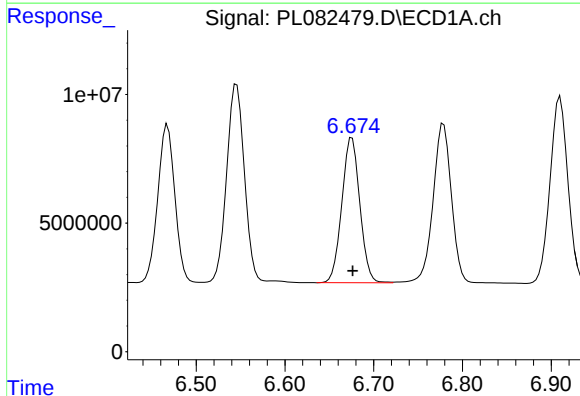
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 89350834
Conc: 39.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



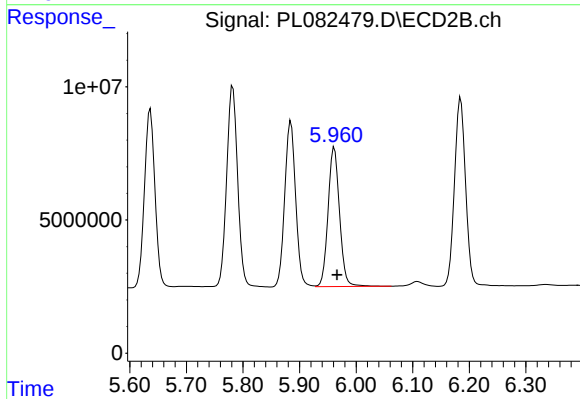
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.005 min
Response: 83297435
Conc: 39.43 ng/ml



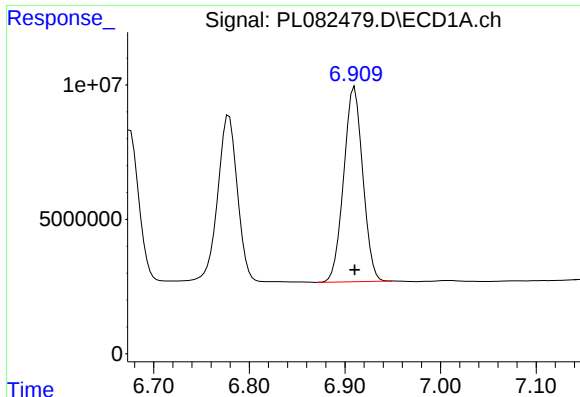
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 79510411
Conc: 42.20 ng/ml



#18 Endrin aldehyde

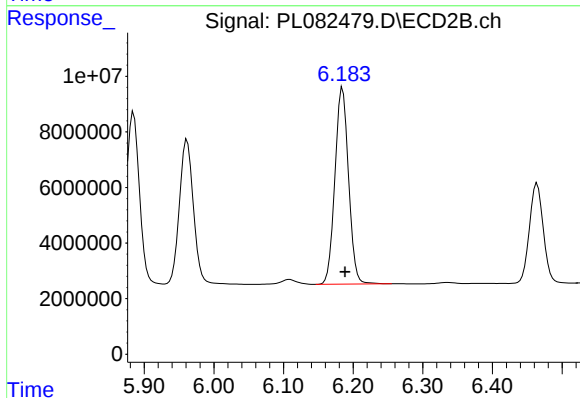
R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 73809597
Conc: 39.44 ng/ml



#19 Endosulfan Sulfate

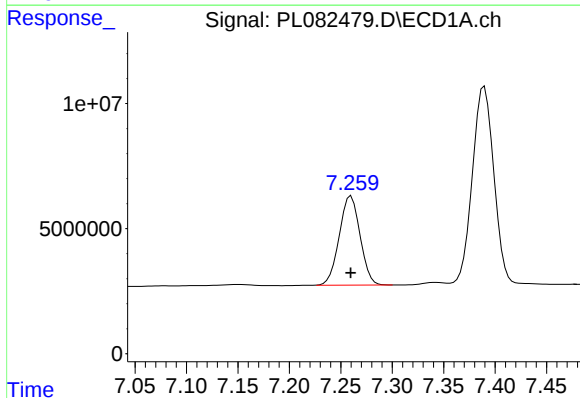
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 100777239
Conc: 42.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



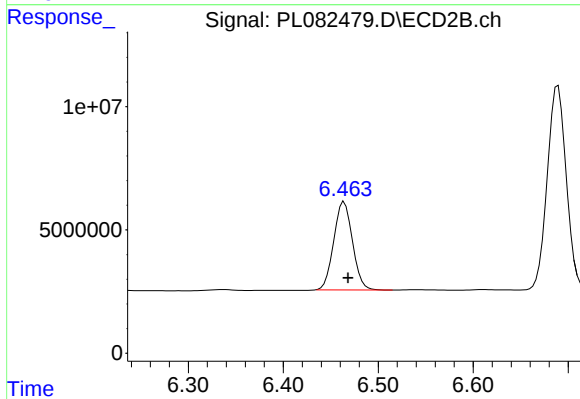
#19 Endosulfan Sulfate

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 96172071
Conc: 40.85 ng/ml



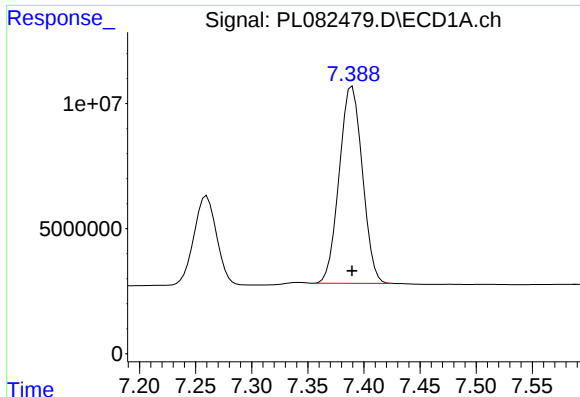
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 50149163
Conc: 41.09 ng/ml



#20 Methoxychlor

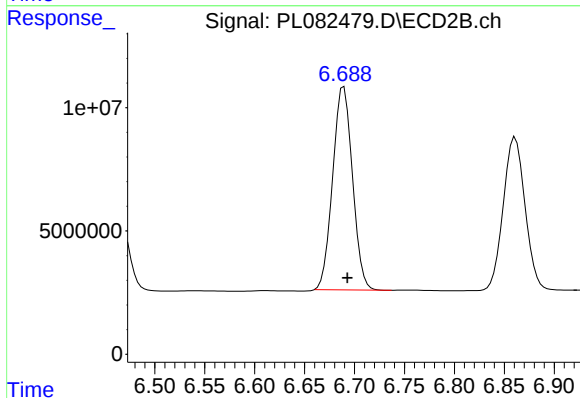
R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 49141406
Conc: 40.55 ng/ml



#21 Endrin ketone

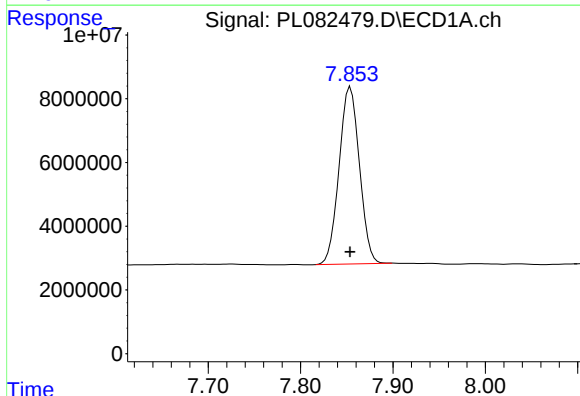
R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 113153299
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



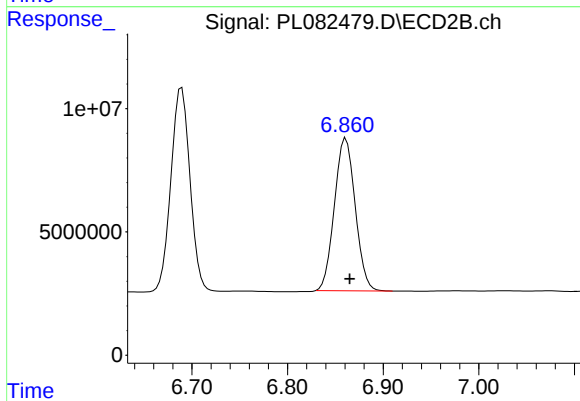
#21 Endrin ketone

R.T.: 6.689 min
Delta R.T.: -0.003 min
Response: 113754385
Conc: 44.82 ng/ml



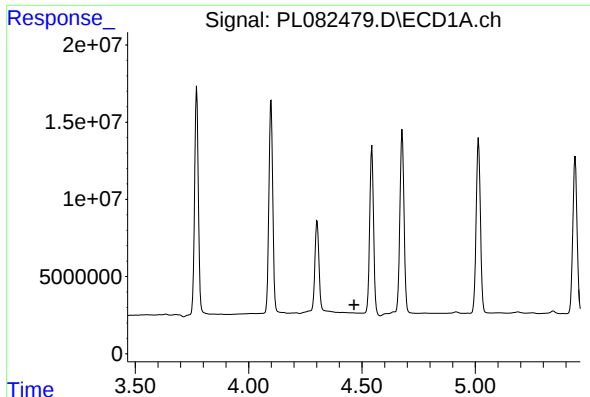
#22 Mirex

R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 85097975
Conc: 43.50 ng/ml



#22 Mirex

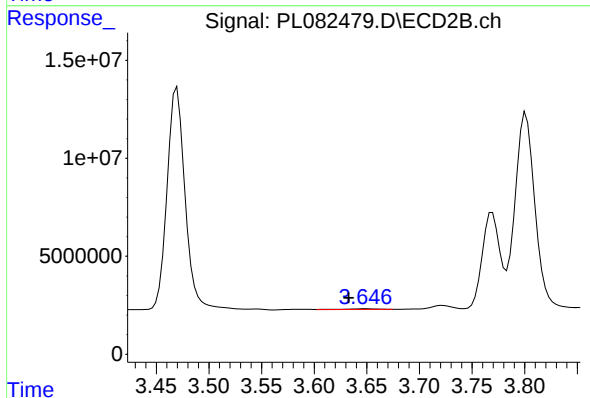
R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 93574075
Conc: 40.61 ng/ml



#23 Chlordane-1

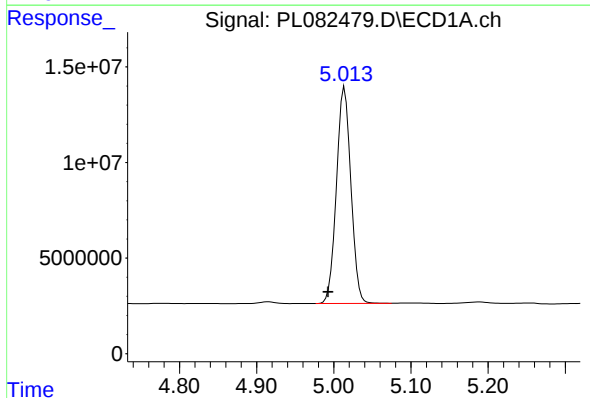
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



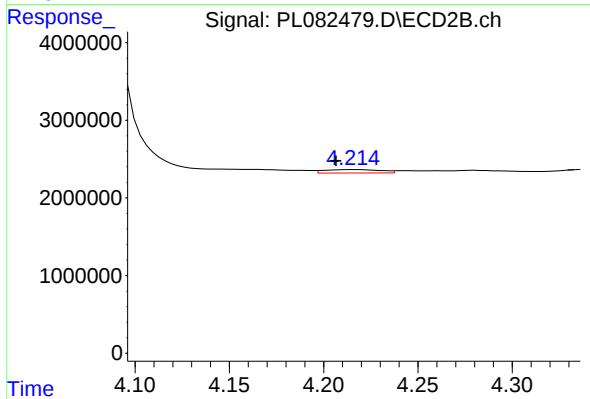
#23 Chlordane-1

R.T.: 3.648 min
Delta R.T.: 0.015 min
Response: 827397
Conc: 9.33 ng/ml



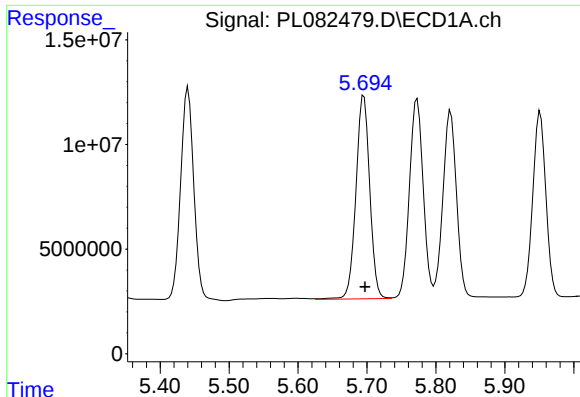
#24 Chlordane-2

R.T.: 5.014 min
Delta R.T.: 0.022 min
Response: 147521483
Conc: 1239.13 ng/ml



#24 Chlordane-2

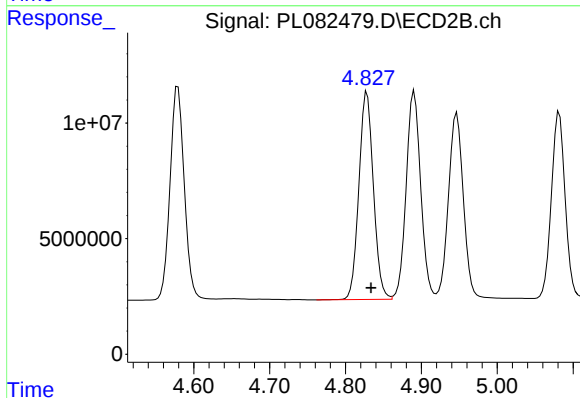
R.T.: 4.216 min
Delta R.T.: 0.010 min
Response: 908365
Conc: 8.10 ng/ml



#25 Chlordane-3

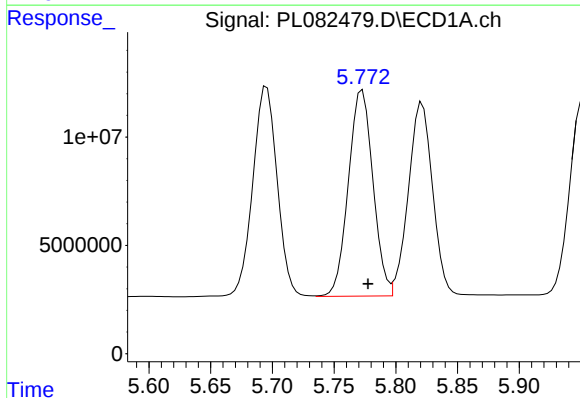
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 134799698
Conc: 312.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



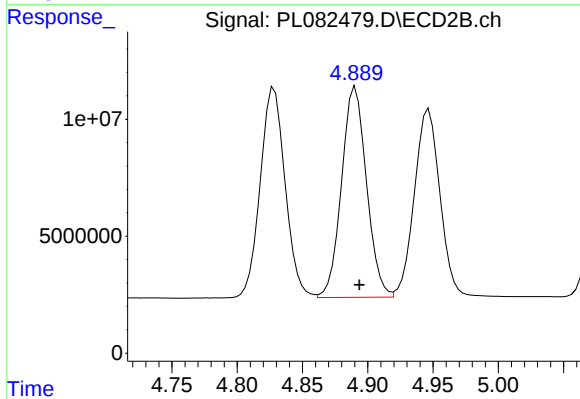
#25 Chlordane-3

R.T.: 4.828 min
Delta R.T.: -0.005 min
Response: 119323866
Conc: 419.99 ng/ml



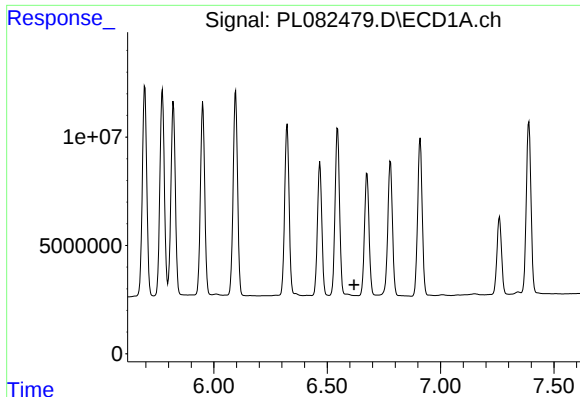
#26 Chlordane-4

R.T.: 5.773 min
Delta R.T.: -0.005 min
Response: 131886999
Conc: 253.67 ng/ml



#26 Chlordane-4

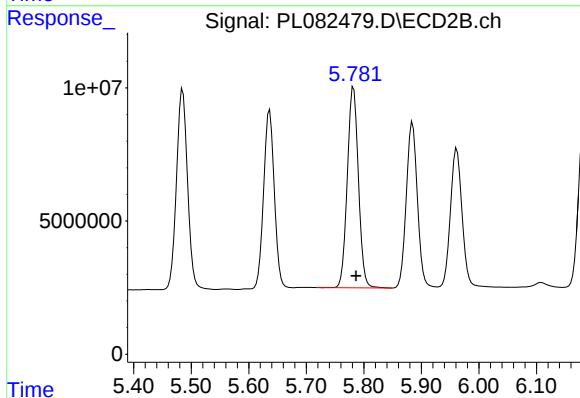
R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 119681225
Conc: 401.07 ng/ml



#27 Chlordane-5

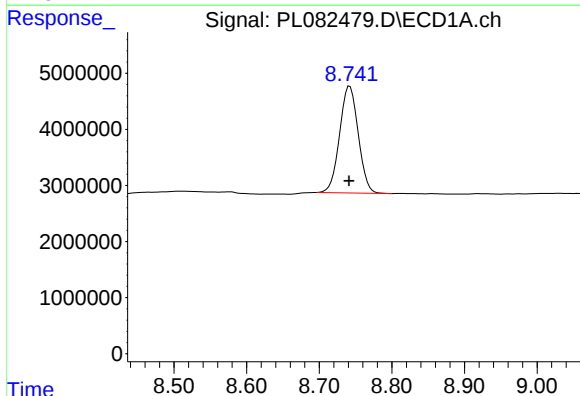
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



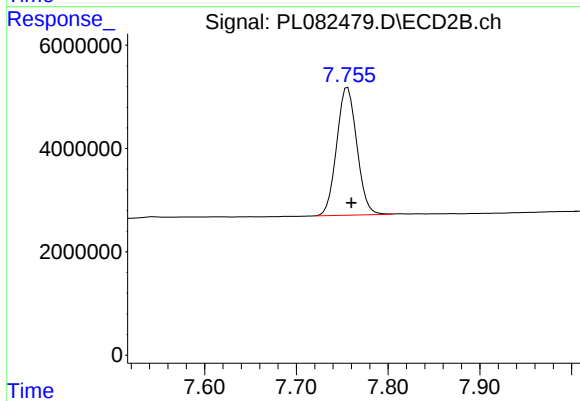
#27 Chlordane-5

R.T.: 5.782 min
Delta R.T.: -0.004 min
Response: 101669191
Conc: 1029.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.001 min
Response: 33963809
Conc: 17.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.756 min
Delta R.T.: -0.004 min
Response: 37767117
Conc: 16.55 ng/ml