

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111523\
 Data File : PL086678.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2023 15:51
 Operator : AR\AJ
 Sample : 05408-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 20:40:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.350	2.615	48802661	14922357	15.030	15.155
28)	SA Decachlor...	8.849	7.766	47304864	19225959	16.161	15.921
Target Compounds							
2)	A alpha-BHC	3.805	3.114	241.1E6	67993005	50.121	51.009
3)	MA gamma-BHC...	4.136	3.441	237.1E6	67358755	50.389	50.756
4)	MA Heptachlor	4.723	3.777	227.8E6	66586635	49.924	49.742
5)	MB Aldrin	5.062	4.053	229.3E6	67003815	50.655	51.490
6)	B beta-BHC	4.340	3.743	99872118	29500297	49.379	49.494
7)	B delta-BHC	4.583	3.968	228.7E6	67218190	49.809	51.379
8)	B Heptachlo...	5.492	4.558	198.8E6	61173617	51.139	50.935
9)	A Endosulfan I	5.876	4.925	187.4E6	57473348	49.943	49.984
10)	B gamma-Chl...	5.750	4.809	203.9E6	63732868	49.775	51.656
11)	B alpha-Chl...	5.829	4.873	202.8E6	63547492	49.951	50.819
12)	B 4,4'-DDE	6.013	5.073	176.3E6	55788435	50.826	54.347
13)	MA Dieldrin	6.153	5.191	196.6E6	61606610	49.997	51.632
14)	MA Endrin	6.381	5.465	166.2E6	54540388	48.267	49.794
15)	B Endosulfa...	6.604	5.762	169.5E6	55418224	47.688	50.492
16)	A 4,4'-DDD	6.532	5.628	144.2E6	46554406	54.158	54.643
17)	MA 4,4'-DDT	6.846	5.879	148.1E6	50279756	49.950	51.433
18)	B Endrin al...	6.735	5.944	126.4E6	43770740	47.692	46.726
19)	B Endosulfa...	6.971	6.169	158.1E6	53623282	47.094	49.369
20)	A Methoxychlor	7.333	6.463	79432100	30467929	49.773	50.935
21)	B Endrin ke...	7.453	6.670	171.0E6	67159968	50.162	52.415
22)	Mirex	7.925	6.846	159.0E6	63787189	56.315	56.115
23)	Chlordane-1	0.000	3.587f	0	32510	N.D.	0.928 #
24)	Chlordane-2	5.062f	4.195	229.3E6	85944	1513.051	1.903 #
25)	Chlordane-3	5.750	4.809	203.9E6	63732868	352.572	540.511 #
26)	Chlordane-4	5.829	4.873	202.8E6	63547492	283.662	497.730 #
27)	Chlordane-5	0.000	5.551	0	22704	N.D.	0.625 #

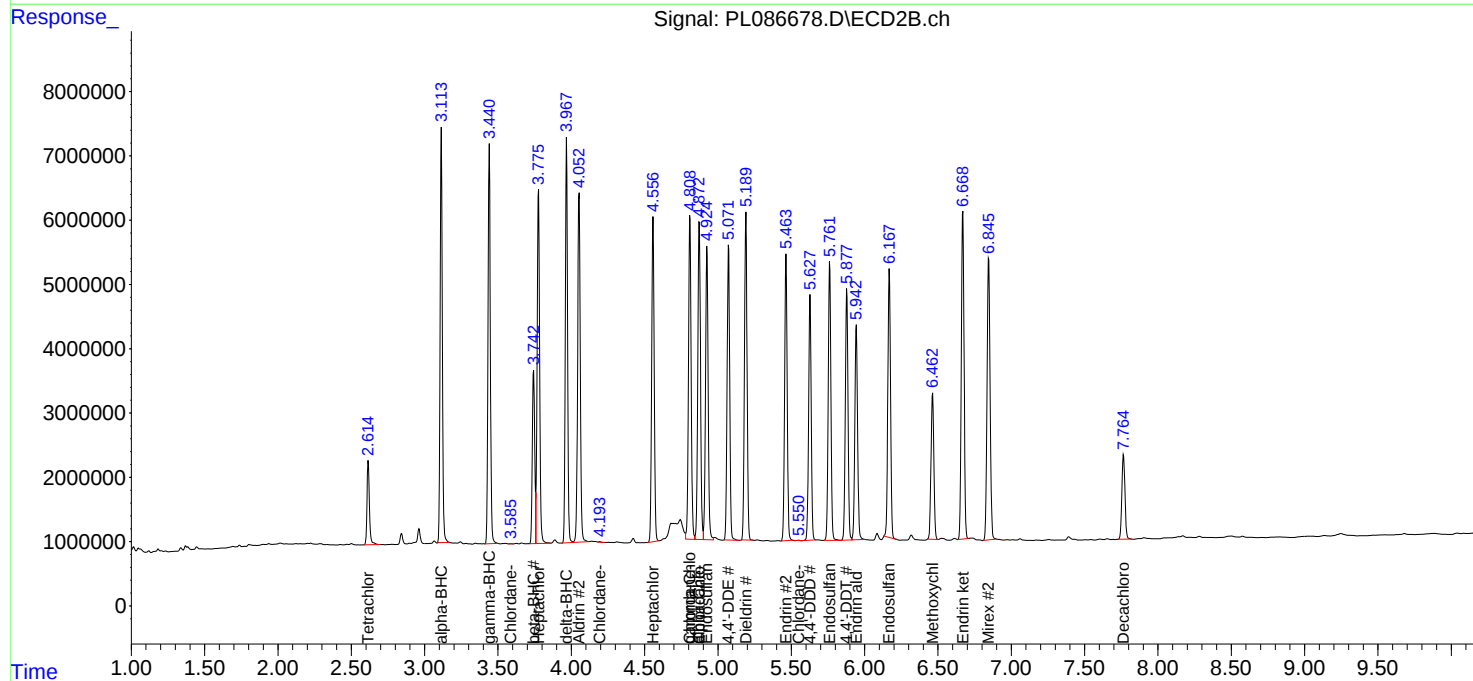
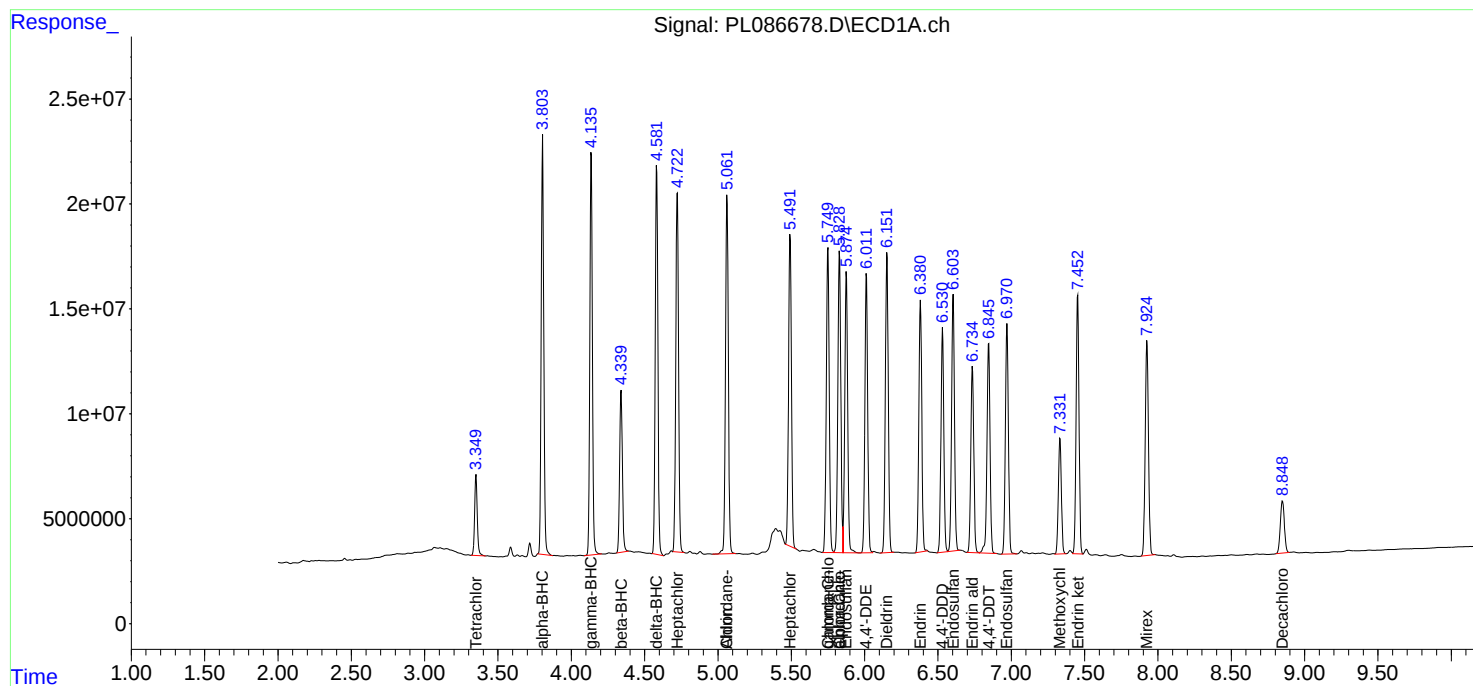
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

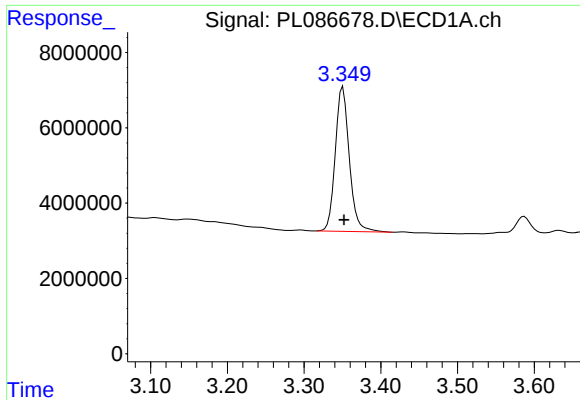
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111523\
Data File : PL086678.D
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Acq On : 15 Nov 2023 15:51
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

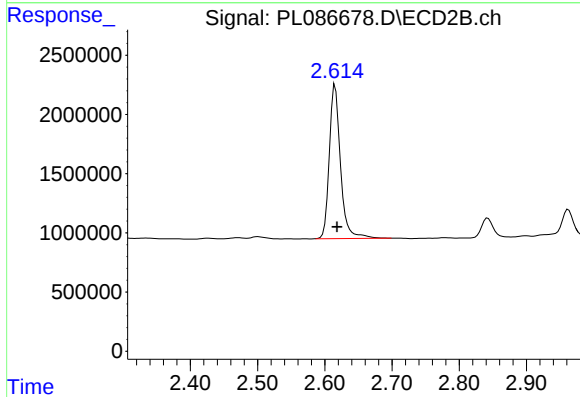




#1 Tetrachloro-m-xylene

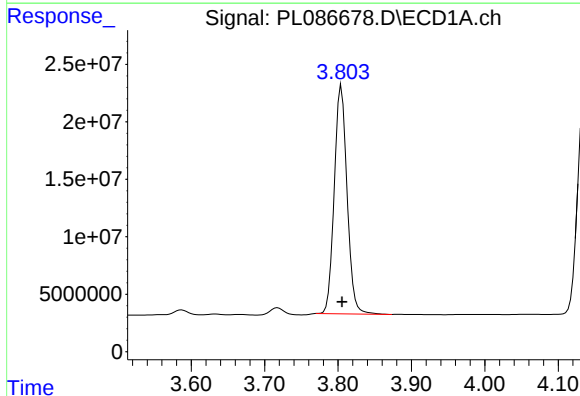
R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 48802661
Conc: 15.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



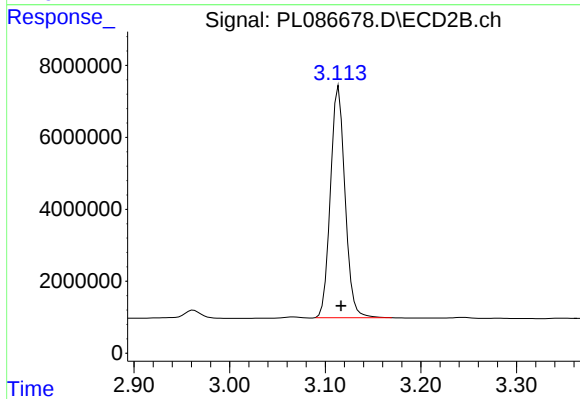
#1 Tetrachloro-m-xylene

R.T.: 2.615 min
Delta R.T.: -0.002 min
Response: 14922357
Conc: 15.16 ng/ml



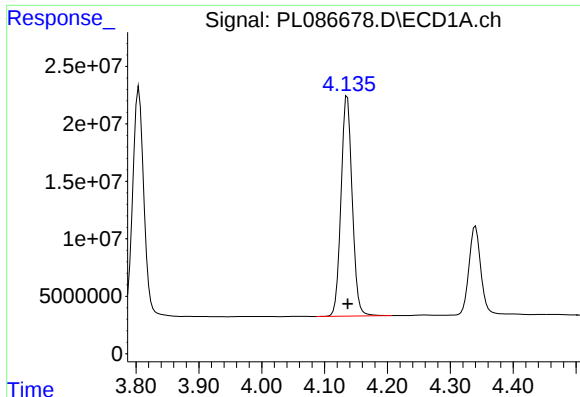
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 241105556
Conc: 50.12 ng/ml



#2 alpha-BHC

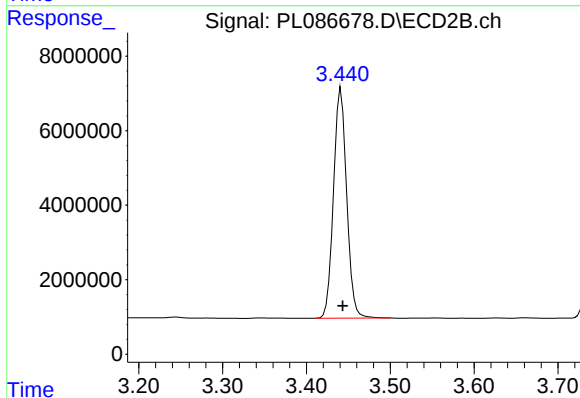
R.T.: 3.114 min
Delta R.T.: -0.002 min
Response: 67993005
Conc: 51.01 ng/ml



#3 gamma-BHC (Lindane)

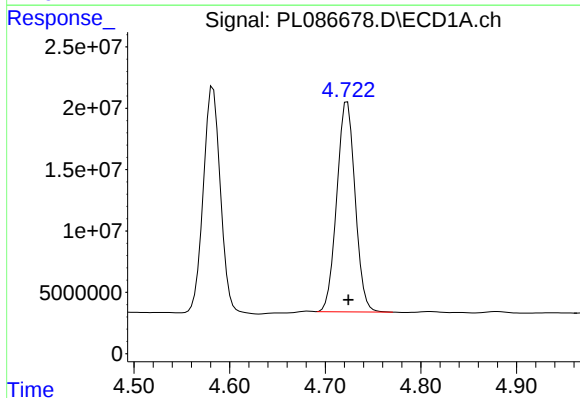
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 237061640
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



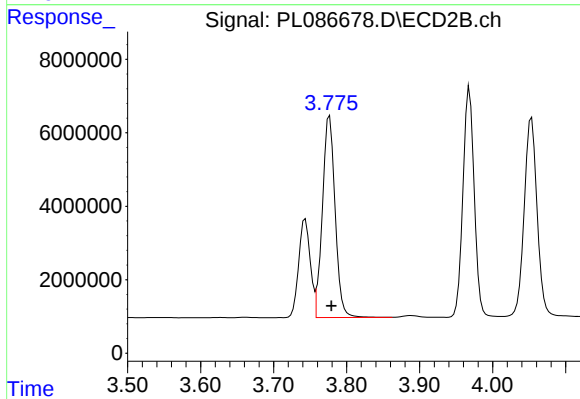
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.002 min
Response: 67358755
Conc: 50.76 ng/ml



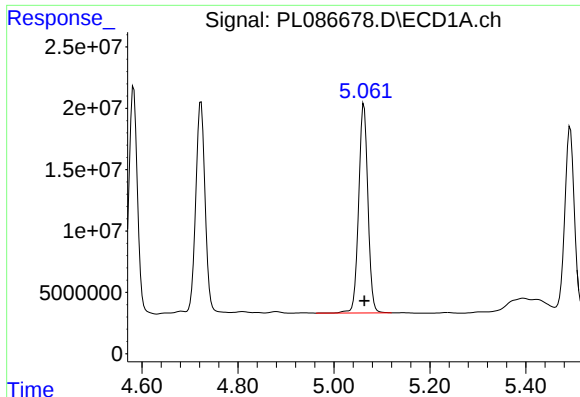
#4 Heptachlor

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 227752888
Conc: 49.92 ng/ml



#4 Heptachlor

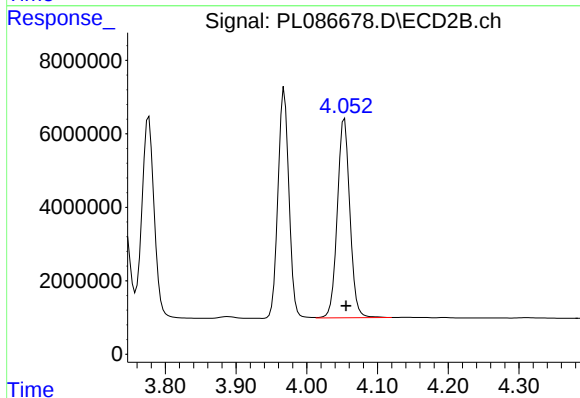
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 66586635
Conc: 49.74 ng/ml



#5 Aldrin

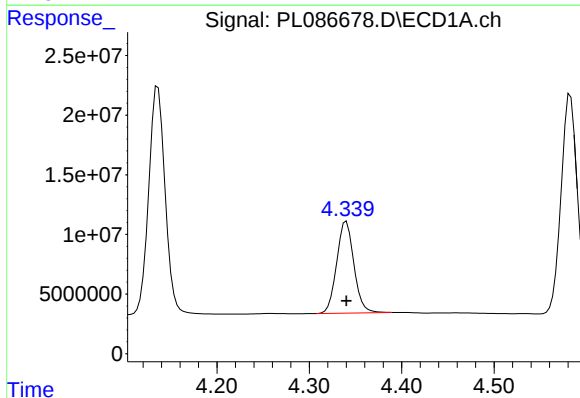
R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 229334398
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



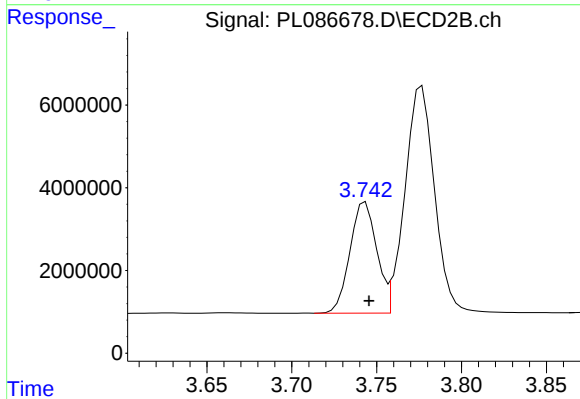
#5 Aldrin

R.T.: 4.053 min
Delta R.T.: -0.002 min
Response: 67003815
Conc: 51.49 ng/ml



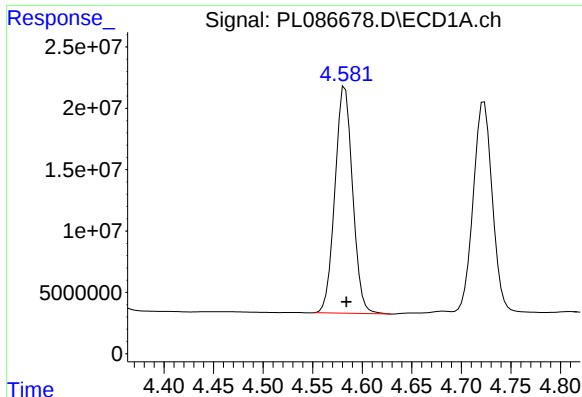
#6 beta-BHC

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 99872118
Conc: 49.38 ng/ml



#6 beta-BHC

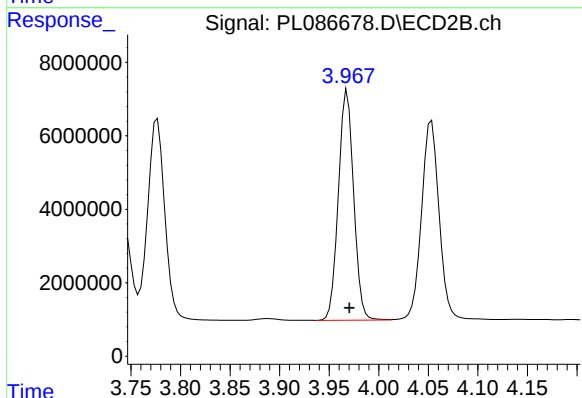
R.T.: 3.743 min
Delta R.T.: -0.002 min
Response: 29500297
Conc: 49.49 ng/ml



#7 delta-BHC

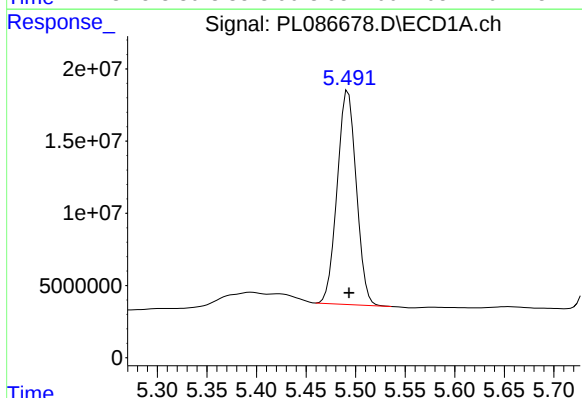
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 228689606
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



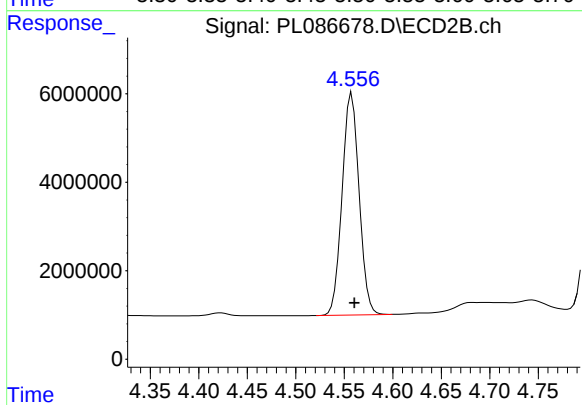
#7 delta-BHC

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 67218190
Conc: 51.38 ng/ml



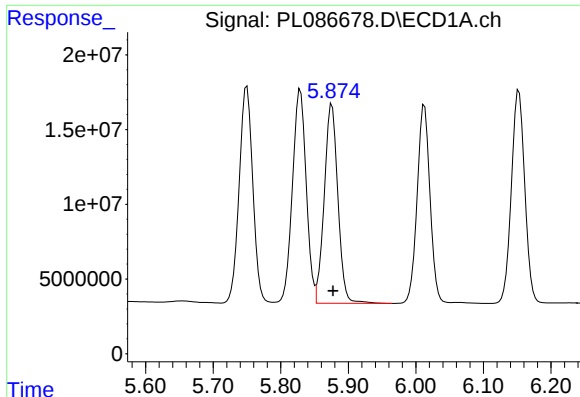
#8 Heptachlor epoxide

R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 198794476
Conc: 51.14 ng/ml



#8 Heptachlor epoxide

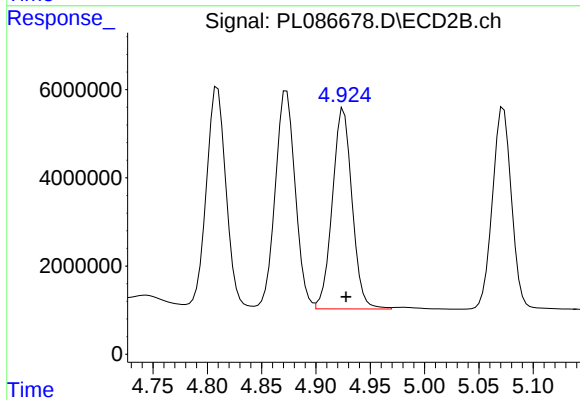
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 61173617
Conc: 50.93 ng/ml



#9 Endosulfan I

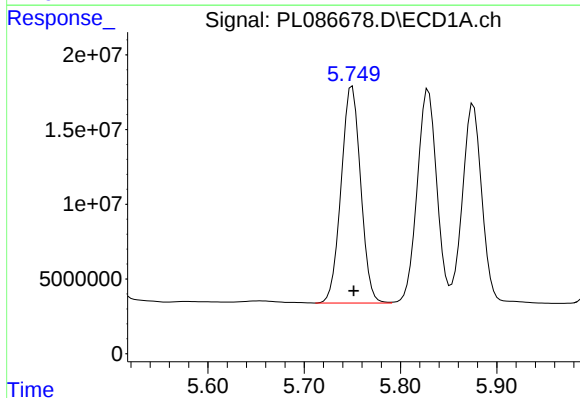
R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 187364503
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



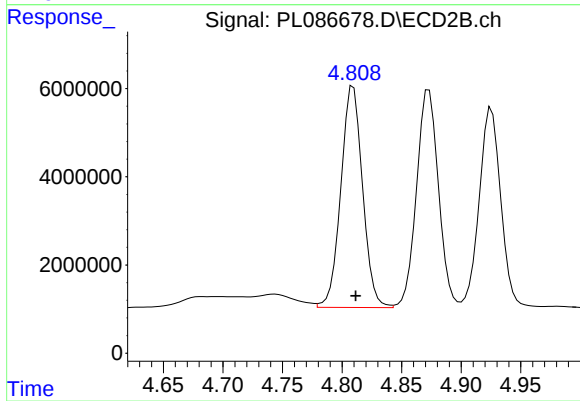
#9 Endosulfan I

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 57473348
Conc: 49.98 ng/ml



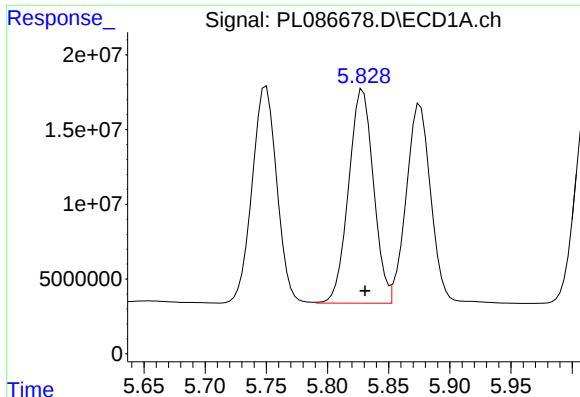
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.001 min
Response: 203941017
Conc: 49.78 ng/ml



#10 gamma-Chlordane

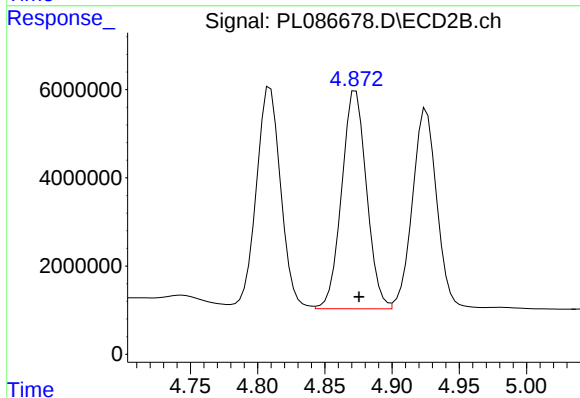
R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 63732868
Conc: 51.66 ng/ml



#11 alpha-Chlordane

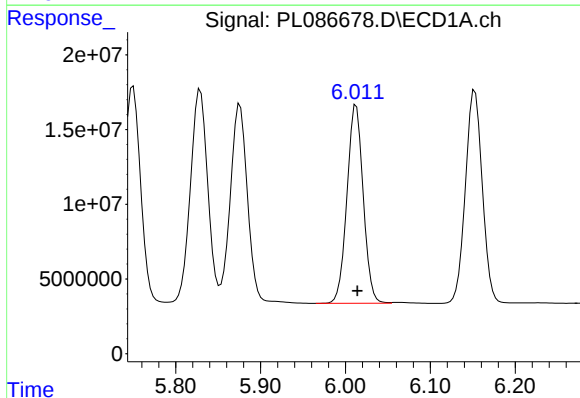
R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 202798503
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



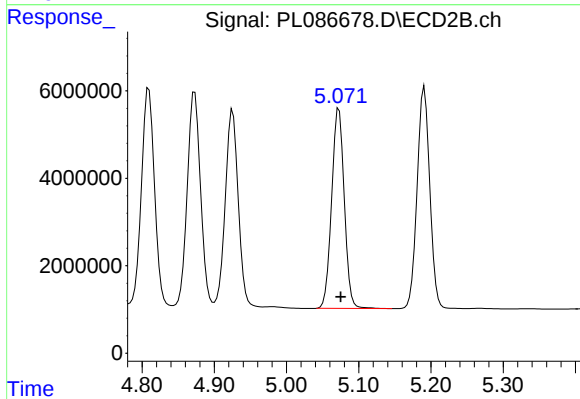
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 63547492
Conc: 50.82 ng/ml



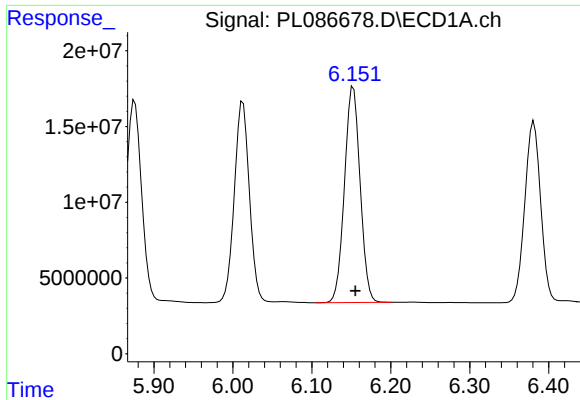
#12 4,4'-DDE

R.T.: 6.013 min
Delta R.T.: -0.002 min
Response: 176278219
Conc: 50.83 ng/ml



#12 4,4'-DDE

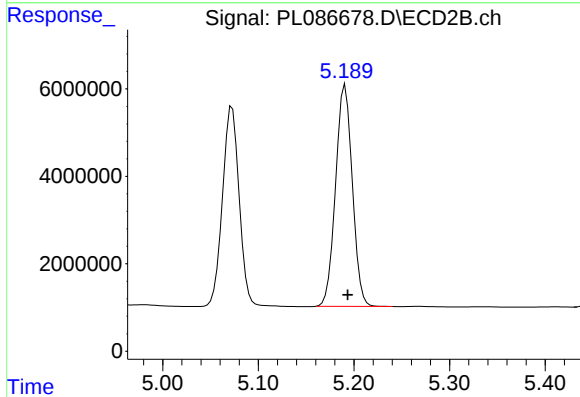
R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 55788435
Conc: 54.35 ng/ml



#13 Dieldrin

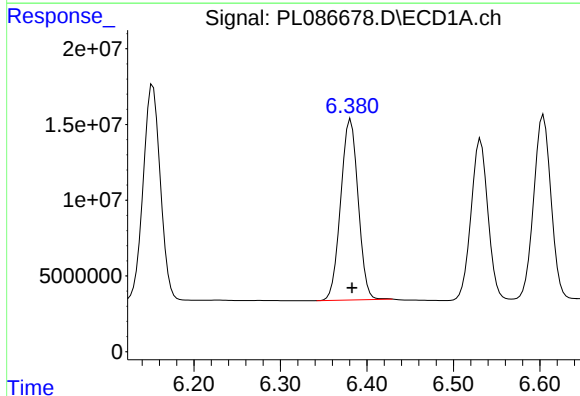
R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 196585735
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



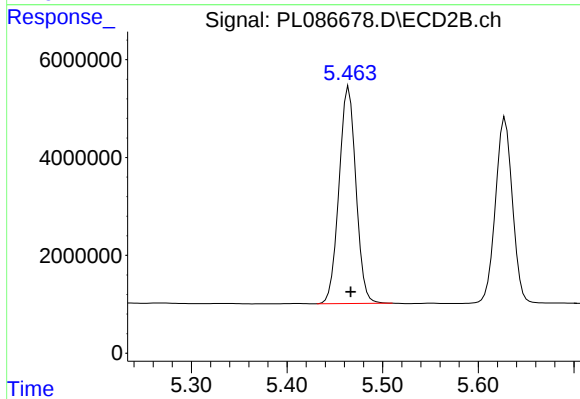
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 61606610
Conc: 51.63 ng/ml



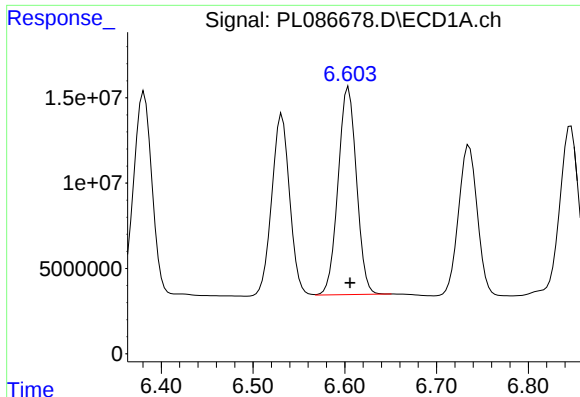
#14 Endrin

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 166248208
Conc: 48.27 ng/ml



#14 Endrin

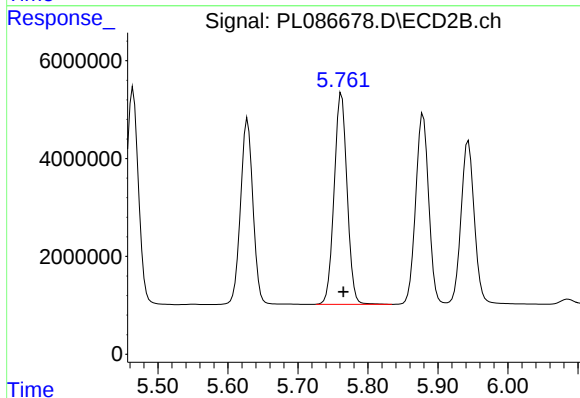
R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 54540388
Conc: 49.79 ng/ml



#15 Endosulfan II

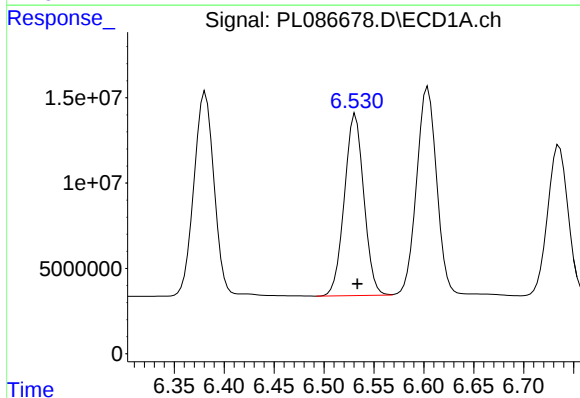
R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 169503660
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



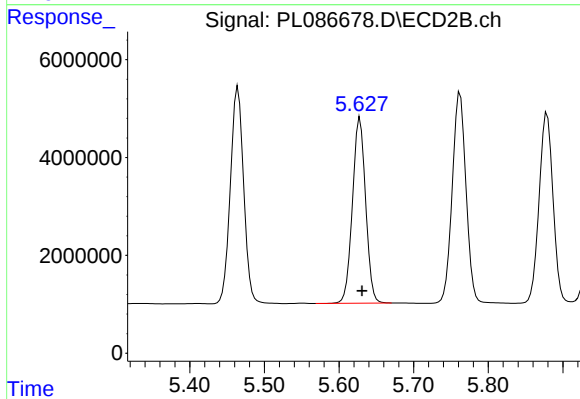
#15 Endosulfan II

R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 55418224
Conc: 50.49 ng/ml



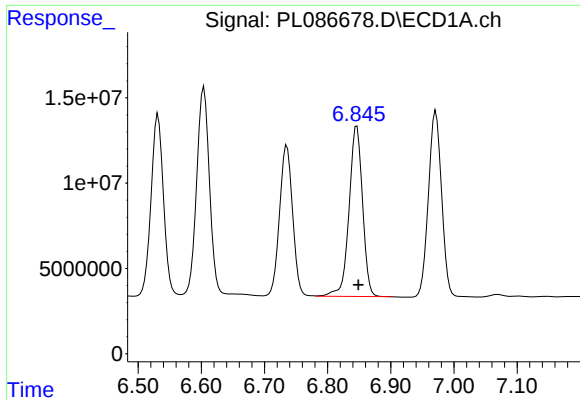
#16 4,4'-DDD

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 144211056
Conc: 54.16 ng/ml



#16 4,4'-DDD

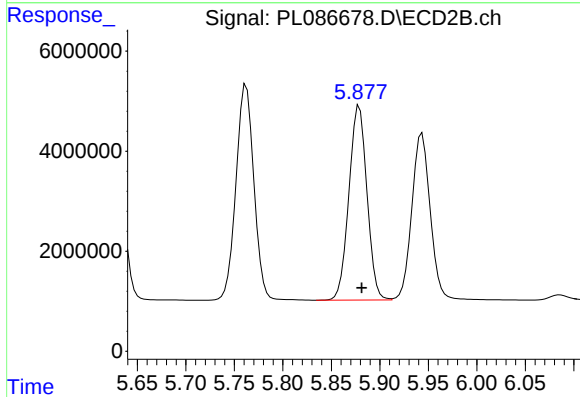
R.T.: 5.628 min
Delta R.T.: -0.003 min
Response: 46554406
Conc: 54.64 ng/ml



#17 4,4'-DDT

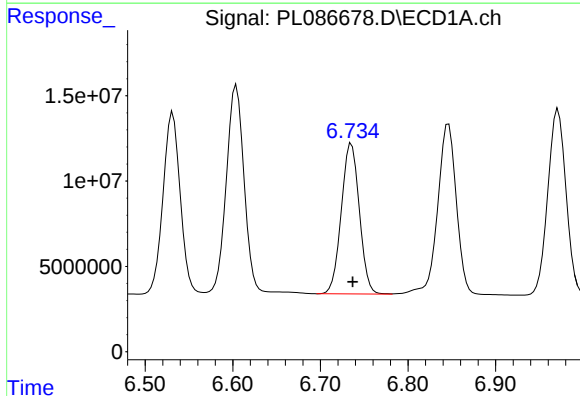
R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 148068010
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



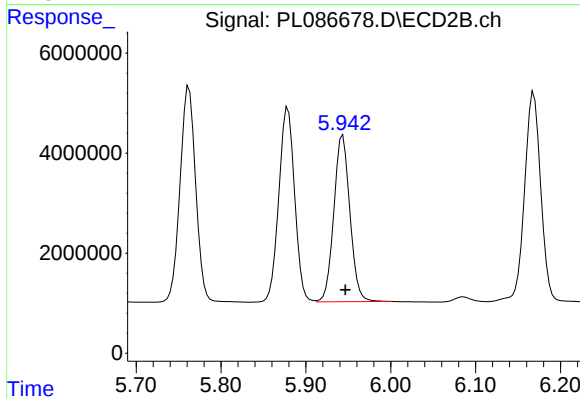
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 50279756
Conc: 51.43 ng/ml



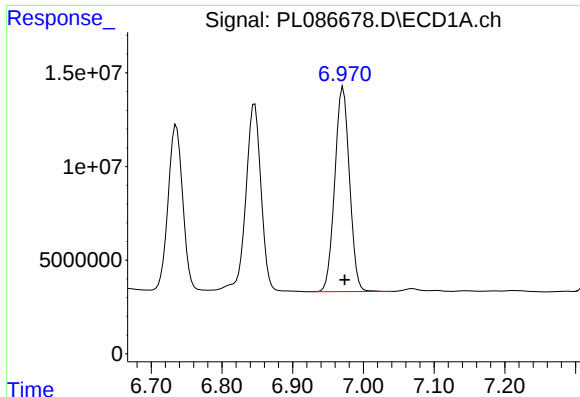
#18 Endrin aldehyde

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 126438740
Conc: 47.69 ng/ml



#18 Endrin aldehyde

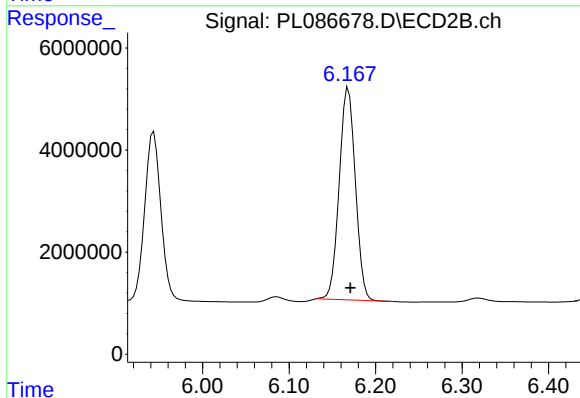
R.T.: 5.944 min
Delta R.T.: -0.003 min
Response: 43770740
Conc: 46.73 ng/ml



#19 Endosulfan Sulfate

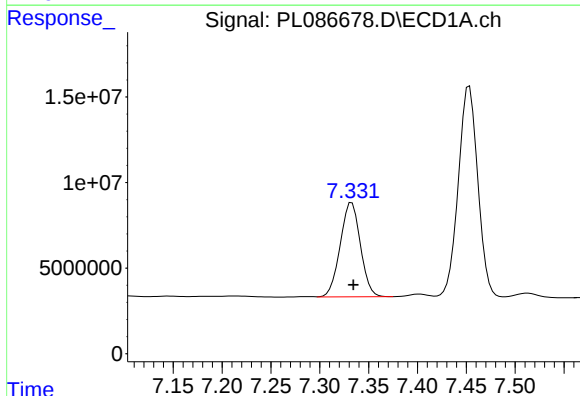
R.T.: 6.971 min
Delta R.T.: -0.002 min
Response: 158062040
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



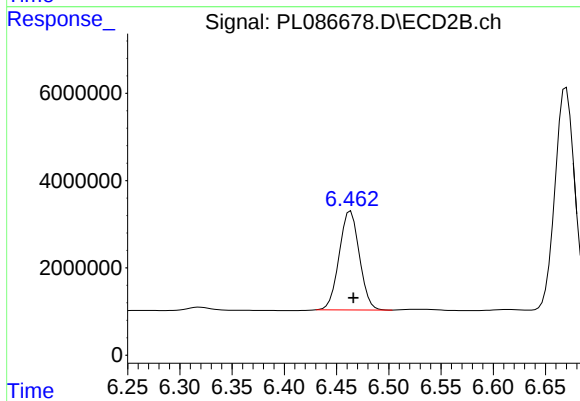
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 53623282
Conc: 49.37 ng/ml



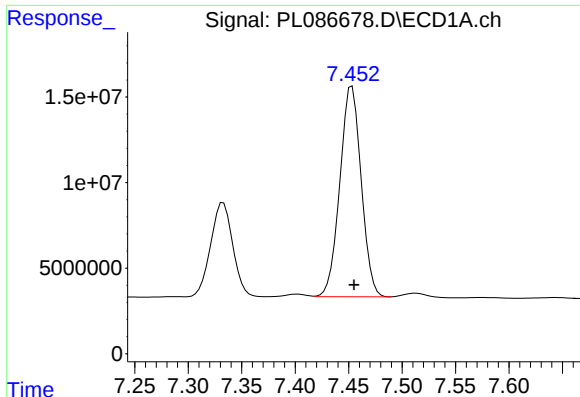
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 79432100
Conc: 49.77 ng/ml



#20 Methoxychlor

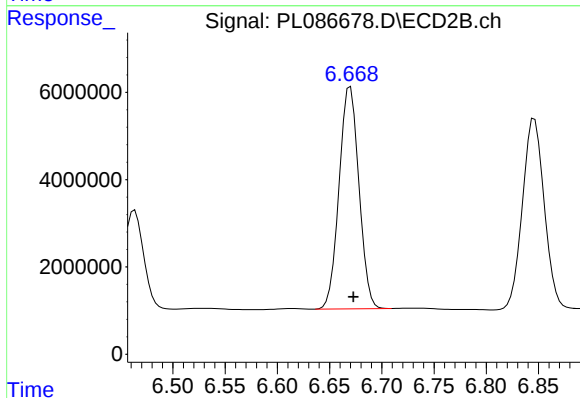
R.T.: 6.463 min
Delta R.T.: -0.003 min
Response: 30467929
Conc: 50.94 ng/ml



#21 Endrin ketone

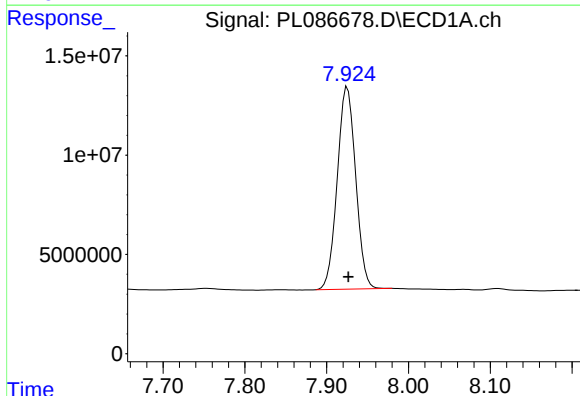
R.T.: 7.453 min
Delta R.T.: -0.002 min
Response: 170953803
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



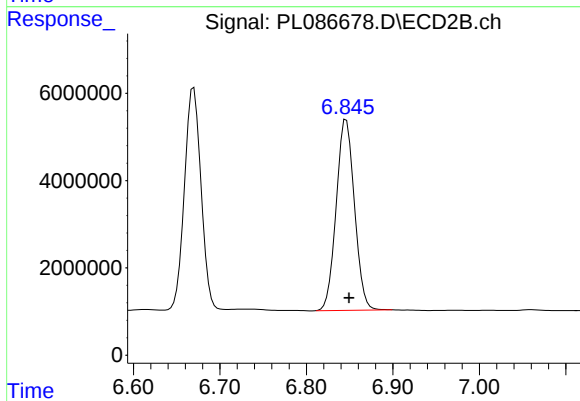
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 67159968
Conc: 52.41 ng/ml



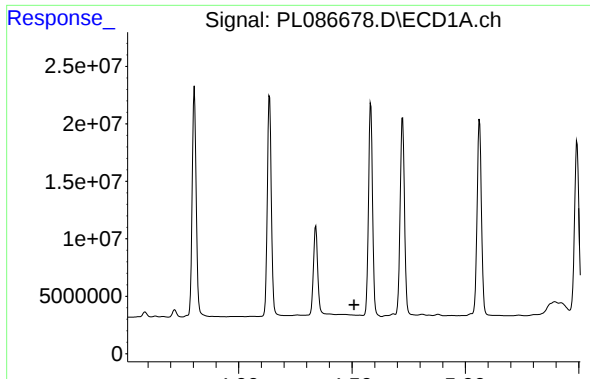
#22 Mirex

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 159042709
Conc: 56.32 ng/ml



#22 Mirex

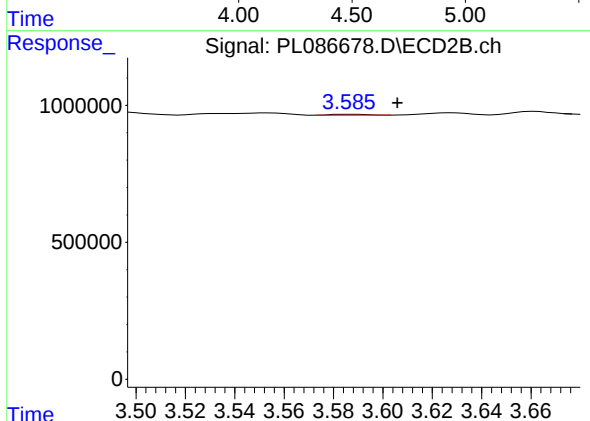
R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 63787189
Conc: 56.11 ng/ml



#23 Chlordane-1

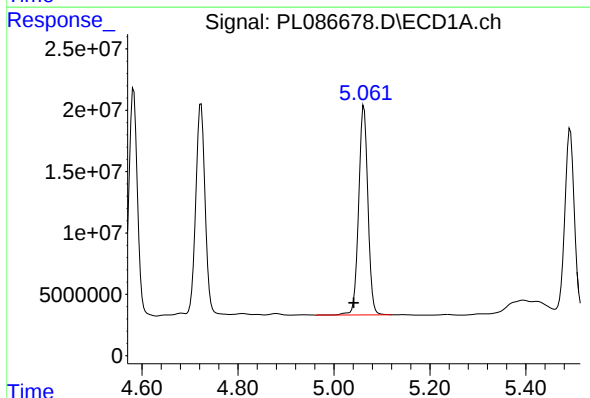
R.T.: 0.000 min
Exp R.T.: 4.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



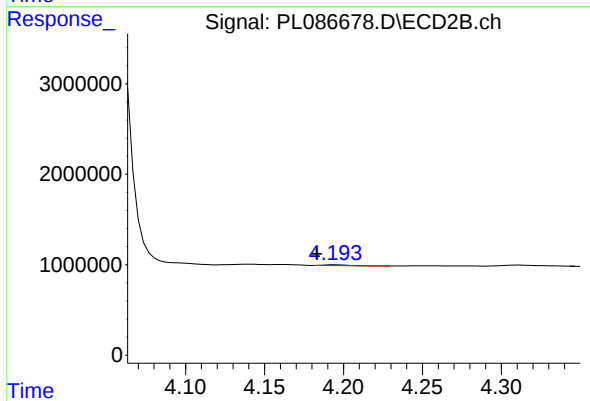
#23 Chlordane-1

R.T.: 3.587 min
Delta R.T.: -0.019 min
Response: 32510
Conc: 0.93 ng/ml



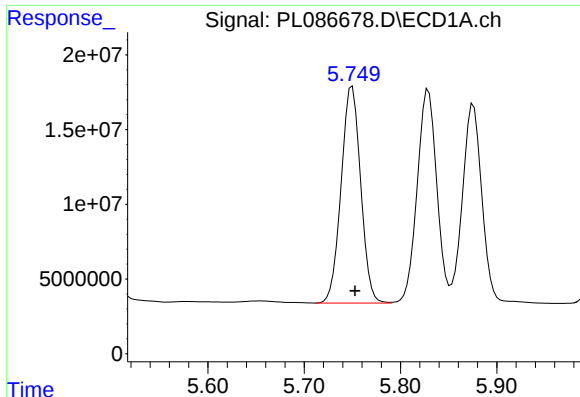
#24 Chlordane-2

R.T.: 5.062 min
Delta R.T.: 0.021 min
Response: 229334398
Conc: 1513.05 ng/ml



#24 Chlordane-2

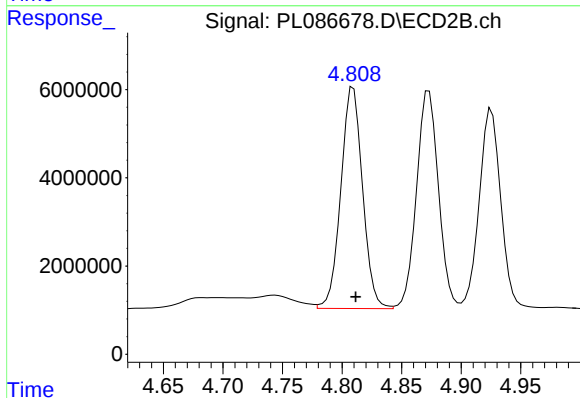
R.T.: 4.195 min
Delta R.T.: 0.012 min
Response: 85944
Conc: 1.90 ng/ml



#25 Chlordane-3

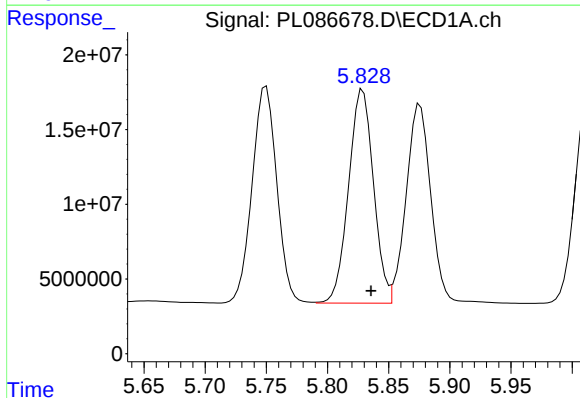
R.T.: 5.750 min
Delta R.T.: -0.003 min
Response: 203941017
Conc: 352.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



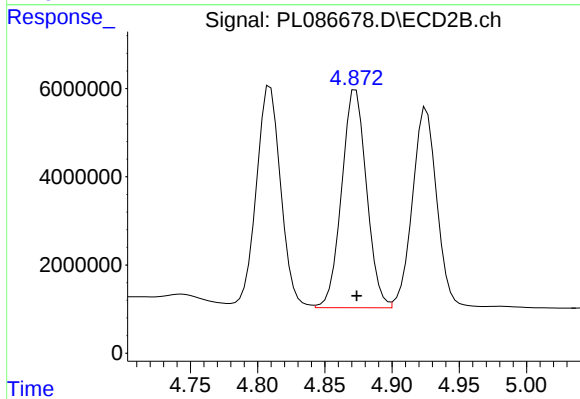
#25 Chlordane-3

R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 63732868
Conc: 540.51 ng/ml



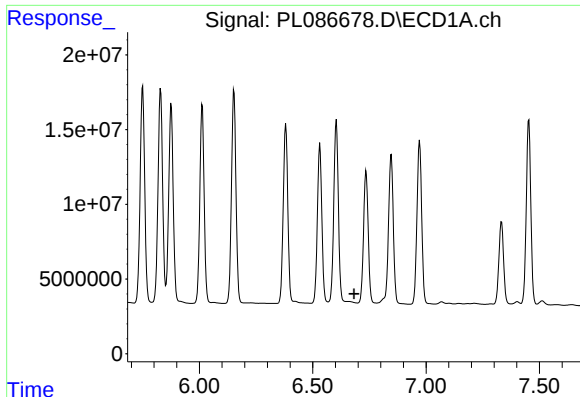
#26 Chlordane-4

R.T.: 5.829 min
Delta R.T.: -0.007 min
Response: 202798503
Conc: 283.66 ng/ml



#26 Chlordane-4

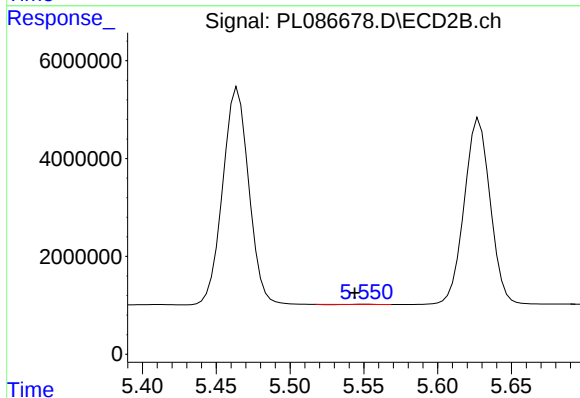
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 63547492
Conc: 497.73 ng/ml



#27 Chlordane-5

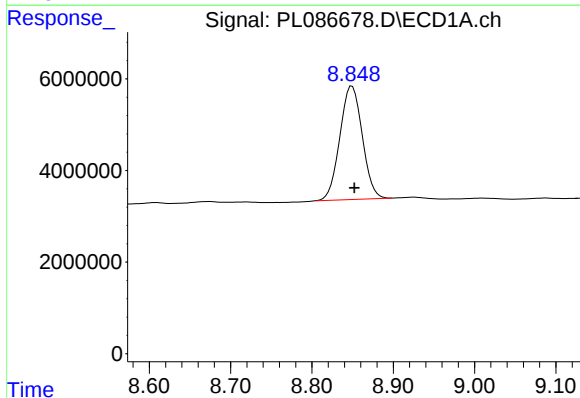
R.T.: 0.000 min
Exp R.T.: 6.682 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



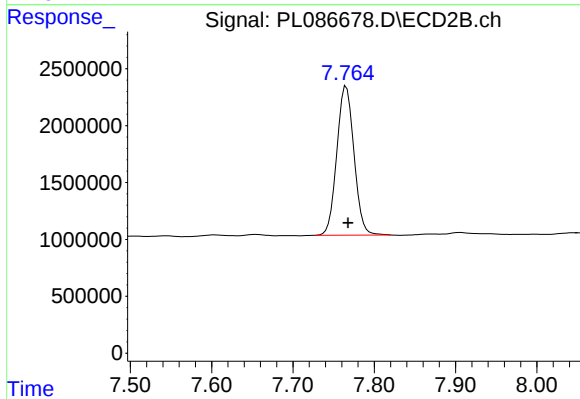
#27 Chlordane-5

R.T.: 5.551 min
Delta R.T.: 0.007 min
Response: 22704
Conc: 0.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.849 min
Delta R.T.: -0.003 min
Response: 47304864
Conc: 16.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 19225959
Conc: 15.92 ng/ml