

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053023\
 Data File : PL083097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2023 16:17
 Operator : AR\AJ
 Sample : 02957-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 21:06:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.317	2.637	51504411	40940364	17.524	15.770
28)	SA Decachlor...	8.736	7.743	35016624	39020690	16.696	15.693
Target Compounds							
2)	A alpha-BHC	3.767	3.133	189.2E6	153.3E6	42.619	41.078
3)	MA gamma-BHC...	4.095	3.460	184.9E6	150.2E6	44.632	45.045
4)	MA Heptachlor	4.672	3.791	168.9E6	148.6E6	44.185	40.583
5)	MB Aldrin	5.009	4.066	165.9E6	142.5E6	47.170	43.783
6)	B beta-BHC	4.299	3.761	79524667	60594857	42.239	42.371
7)	B delta-BHC	4.540	3.986	180.8E6	142.9E6	52.571	43.617
8)	B Heptachlo...	5.436	4.568	147.9E6	131.2E6	46.232	44.208
9)	A Endosulfan I	5.816	4.935	136.5E6	117.1E6	45.499	41.889
10)	B gamma-Chl...	5.691	4.817	148.3E6	130.0E6	46.684	43.288
11)	B alpha-Chl...	5.768	4.879	147.3E6	131.8E6	45.905	43.910
12)	B 4,4'-DDE	5.947	5.070	127.6E6	112.1E6	46.291	46.155
13)	MA Dieldrin	6.091	5.198	143.2E6	128.1E6	47.608	45.391
14)	MA Endrin	6.318	5.473	123.2E6	113.1E6	45.865	44.582
15)	B Endosulfa...	6.541	5.770	120.4E6	113.4E6	45.116	45.830
16)	A 4,4'-DDD	6.463	5.624	107.8E6	91514944	49.624	47.584
17)	MA 4,4'-DDT	6.774	5.872	109.7E6	99120137	43.839	44.428
18)	B Endrin al...	6.671	5.950	99313227	93033102	49.394	47.047
19)	B Endosulfa...	6.905	6.173	119.8E6	109.3E6	46.712	44.619
20)	A Methoxychlor	7.255	6.452	62420317	57919074	47.203	45.543
21)	B Endrin ke...	7.385	6.677	126.2E6	125.6E6	49.458	46.453
22)	Mirex	7.849	6.848	95798959	104.7E6	45.705	44.730
23)	Chlordane-1	0.000	3.635	0	1048516	N.D.	12.707 #
24)	Chlordane-2	5.009f	0.000	165.9E6	0	1506.453	N.D. #
25)	Chlordane-3	5.691	4.817	148.3E6	130.0E6	357.464	487.835 #
26)	Chlordane-4	5.768	4.879	147.3E6	131.8E6	290.935	467.848 #
27)	Chlordane-5	0.000	5.770	0	113.4E6	N.D.	1167.236 #

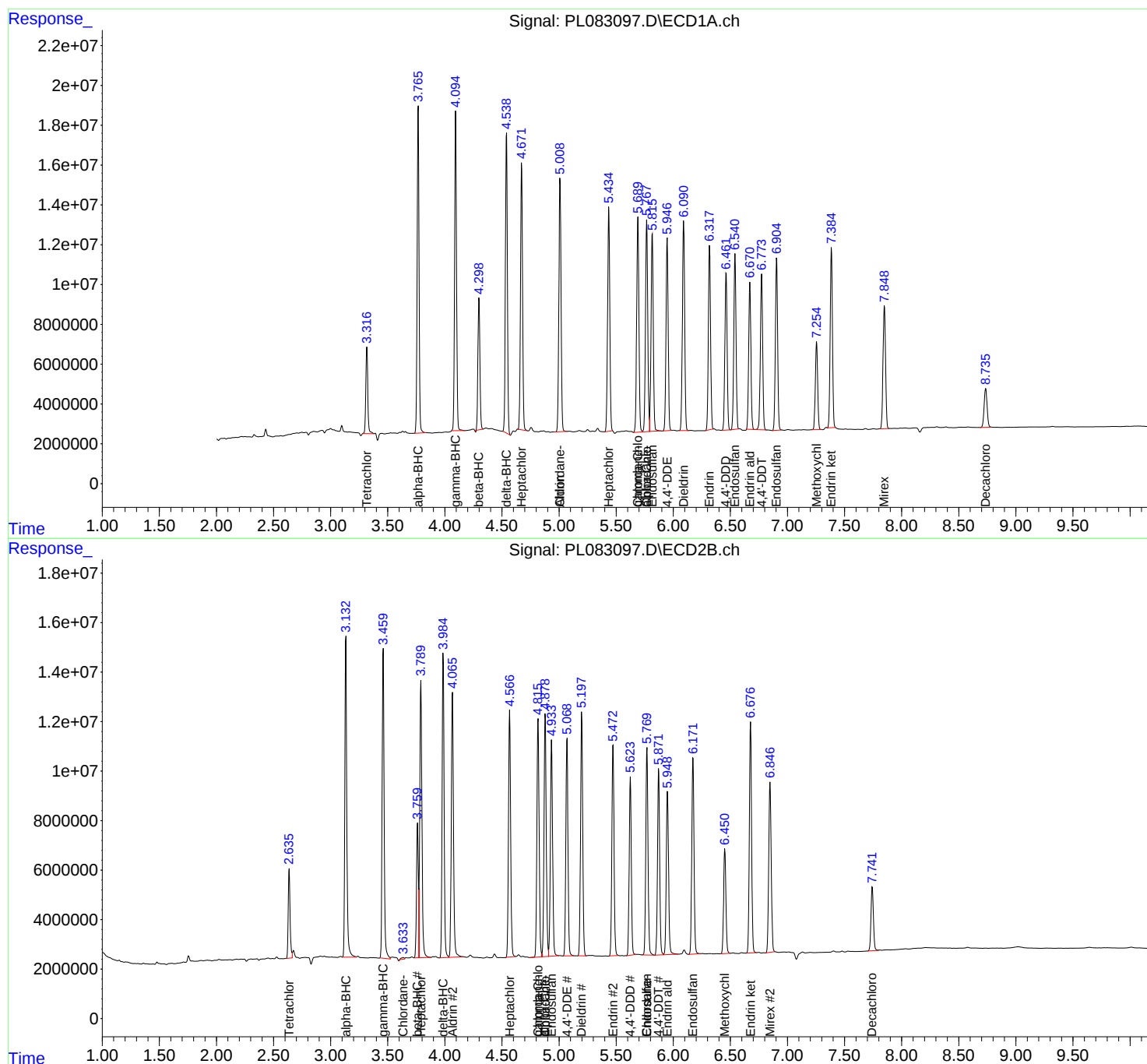
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

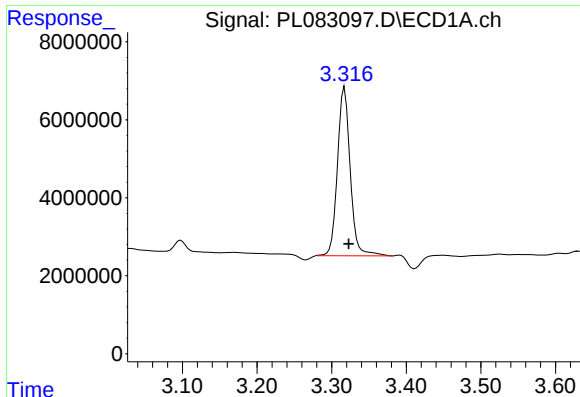
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053023\
Data File : PL083097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2023 16:17
Operator : AR\AJ
Sample : 02957-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 21:06:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 2023
Response via : Initial Calibration
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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

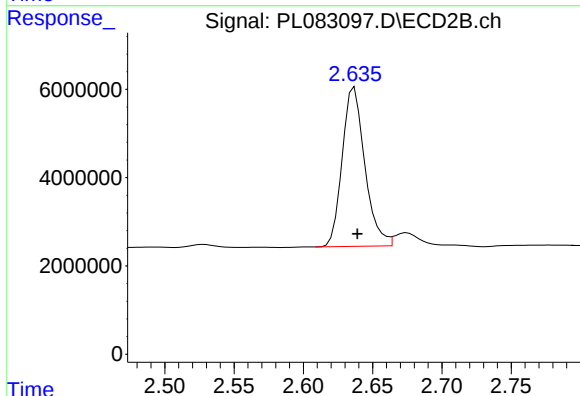




#1 Tetrachloro-m-xylene

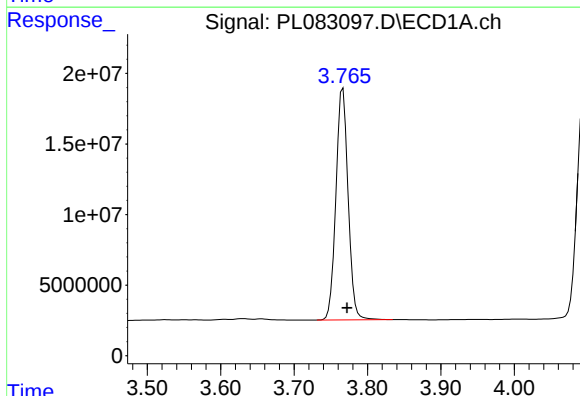
R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 51504411
Conc: 17.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



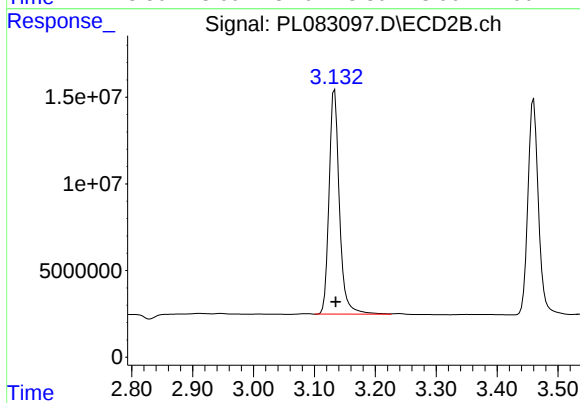
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 40940364
Conc: 15.77 ng/ml



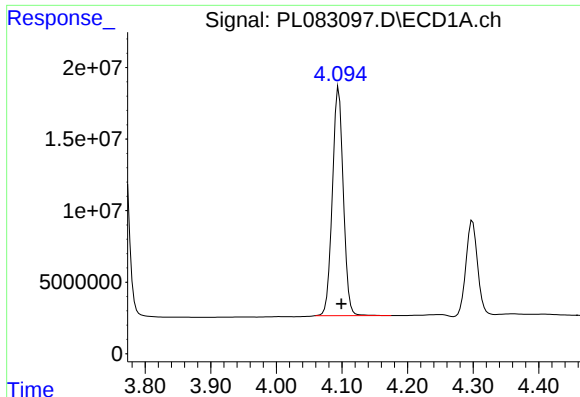
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 189197662
Conc: 42.62 ng/ml



#2 alpha-BHC

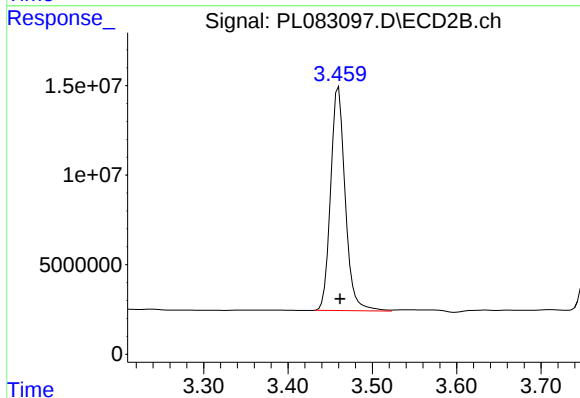
R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 153280178
Conc: 41.08 ng/ml



#3 gamma-BHC (Lindane)

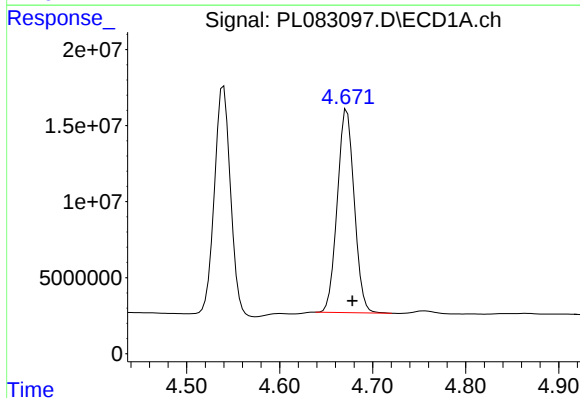
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 184907988
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



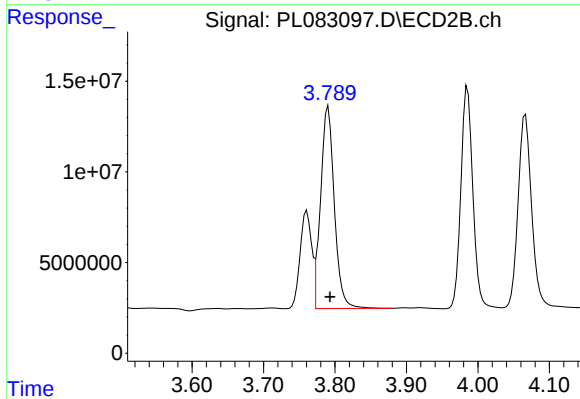
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 150150199
Conc: 45.05 ng/ml



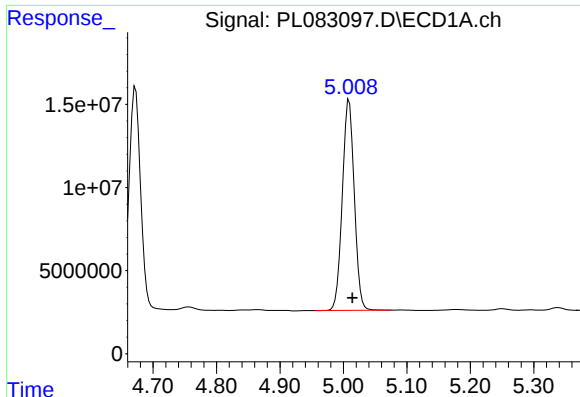
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 168895090
Conc: 44.18 ng/ml



#4 Heptachlor

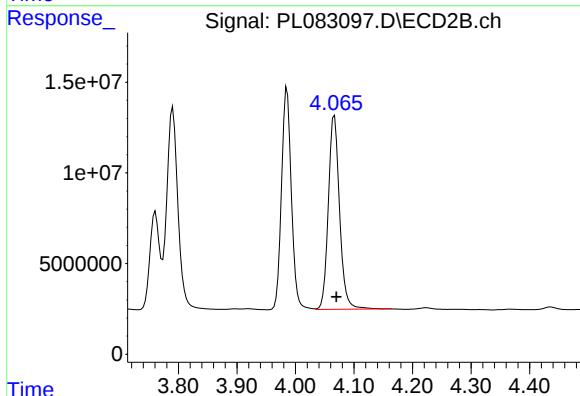
R.T.: 3.791 min
Delta R.T.: -0.003 min
Response: 148576144
Conc: 40.58 ng/ml



#5 Aldrin

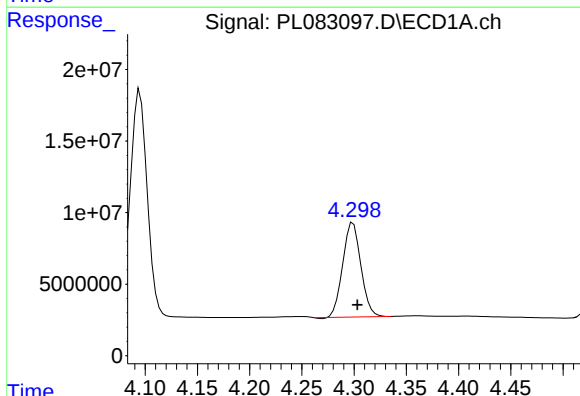
R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 165948020
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



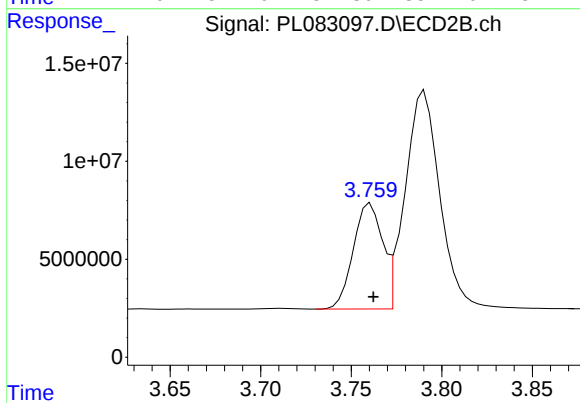
#5 Aldrin

R.T.: 4.066 min
Delta R.T.: -0.003 min
Response: 142452864
Conc: 43.78 ng/ml



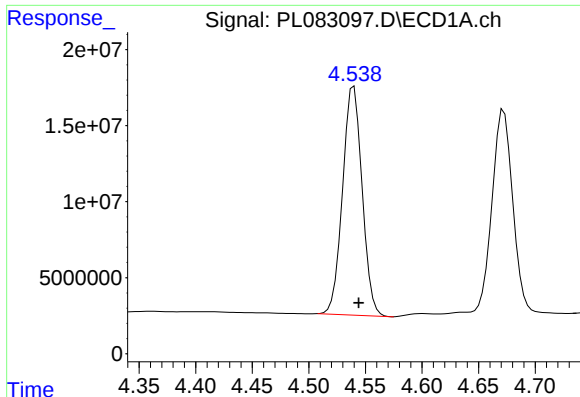
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 79524667
Conc: 42.24 ng/ml



#6 beta-BHC

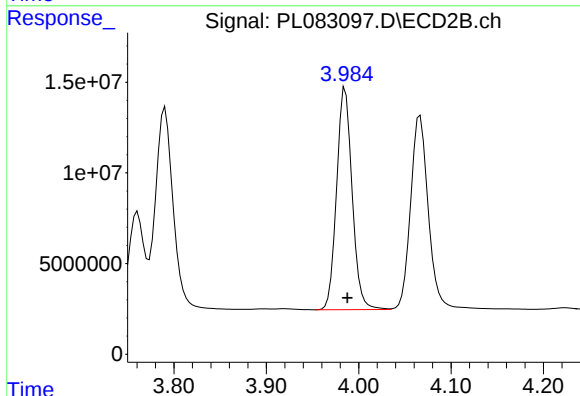
R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 60594857
Conc: 42.37 ng/ml



#7 delta-BHC

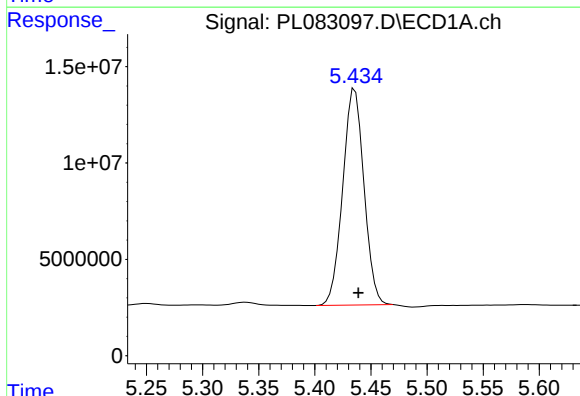
R.T.: 4.540 min
Delta R.T.: -0.004 min
Response: 180786296
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



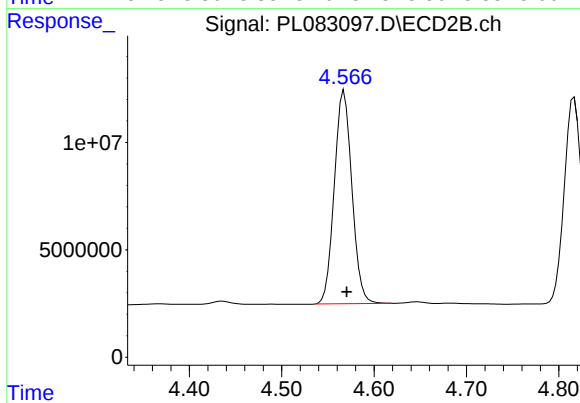
#7 delta-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 142908034
Conc: 43.62 ng/ml



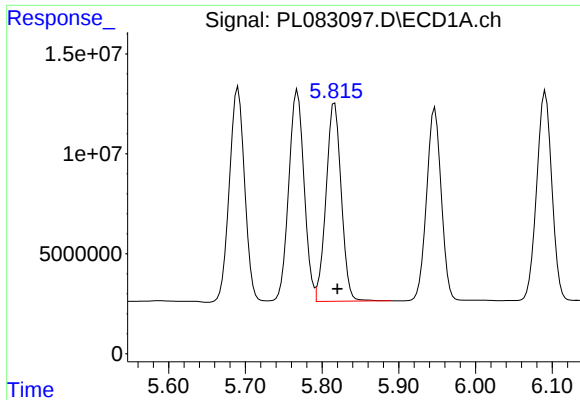
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 147883062
Conc: 46.23 ng/ml



#8 Heptachlor epoxide

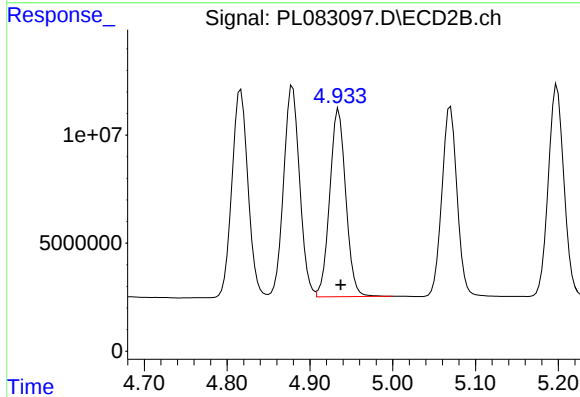
R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 131204628
Conc: 44.21 ng/ml



#9 Endosulfan I

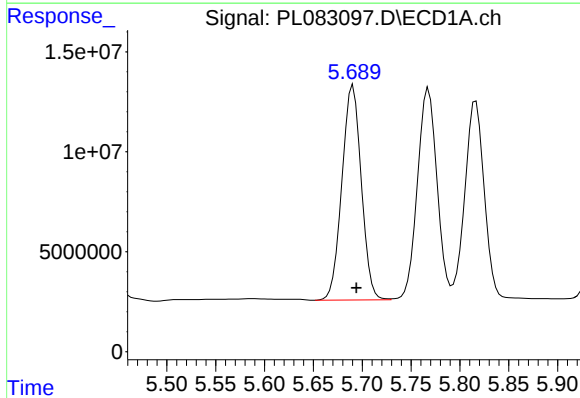
R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 136522316
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



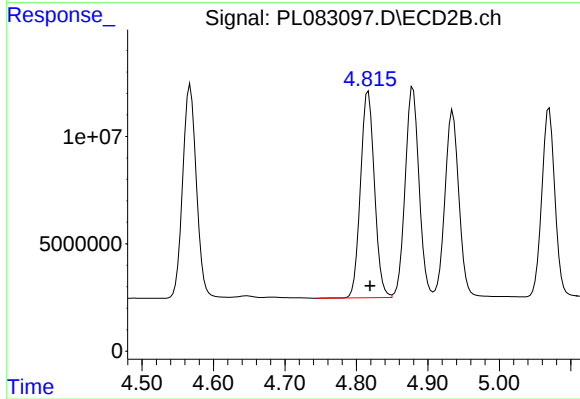
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 117053657
Conc: 41.89 ng/ml



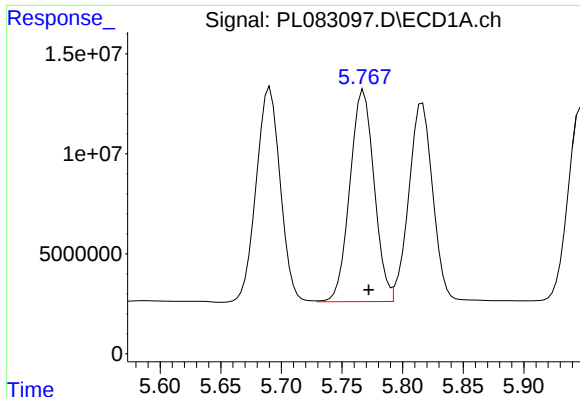
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 148312965
Conc: 46.68 ng/ml



#10 gamma-Chlordane

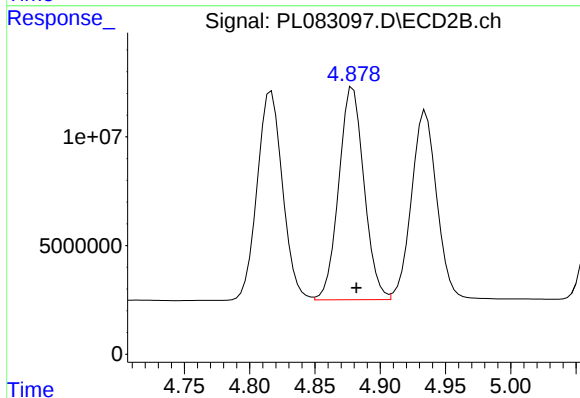
R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 130010356
Conc: 43.29 ng/ml



#11 alpha-Chlordane

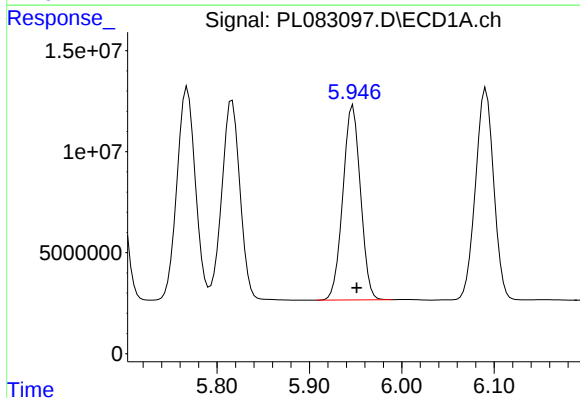
R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 147322631
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



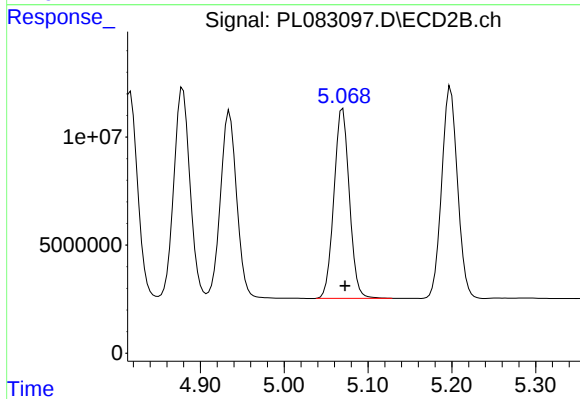
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 131816884
Conc: 43.91 ng/ml



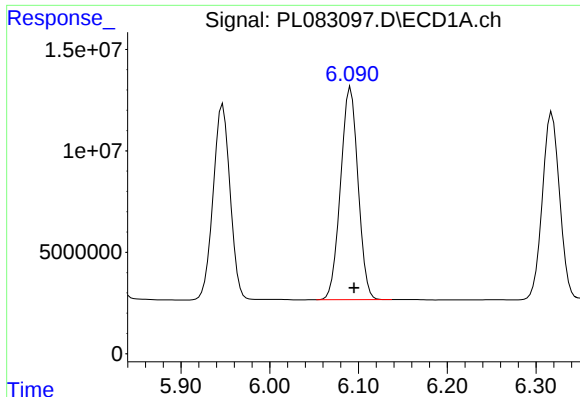
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 127601094
Conc: 46.29 ng/ml



#12 4,4'-DDE

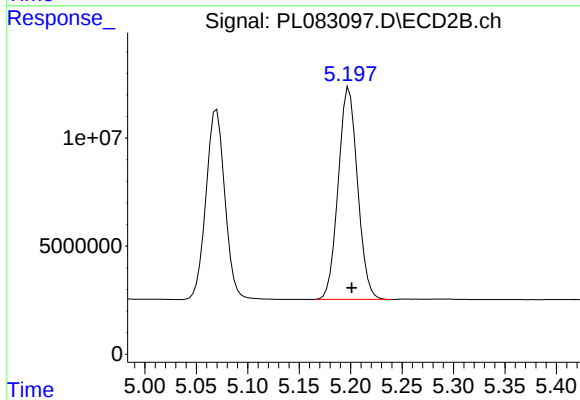
R.T.: 5.070 min
Delta R.T.: -0.003 min
Response: 112099432
Conc: 46.16 ng/ml



#13 Dieldrin

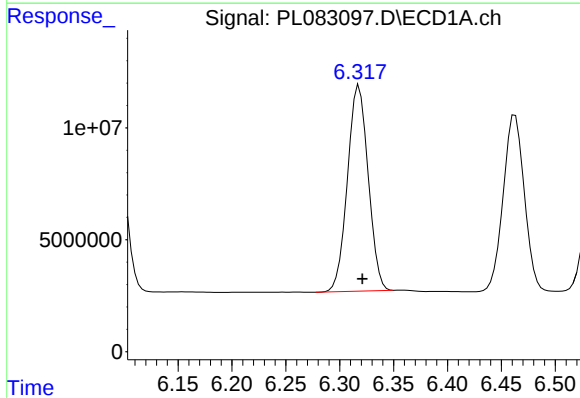
R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 143198475
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



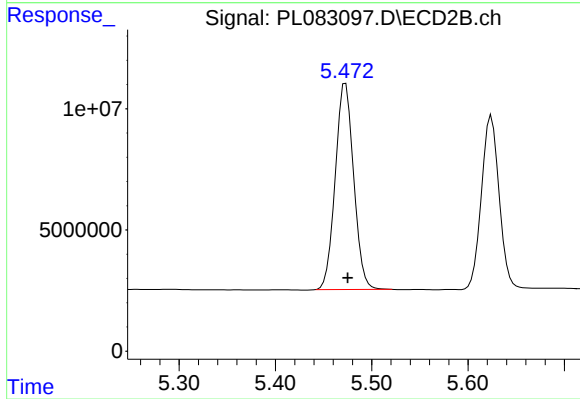
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 128135446
Conc: 45.39 ng/ml



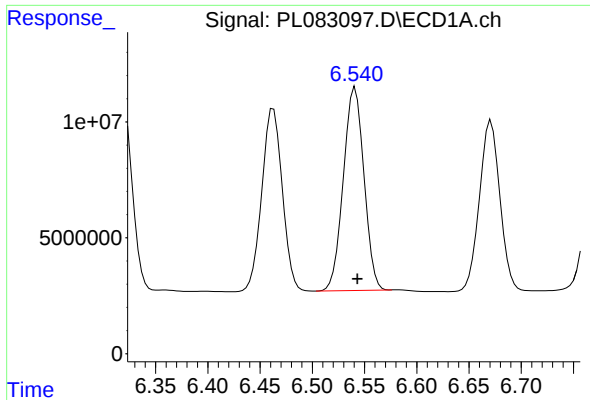
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 123249665
Conc: 45.86 ng/ml



#14 Endrin

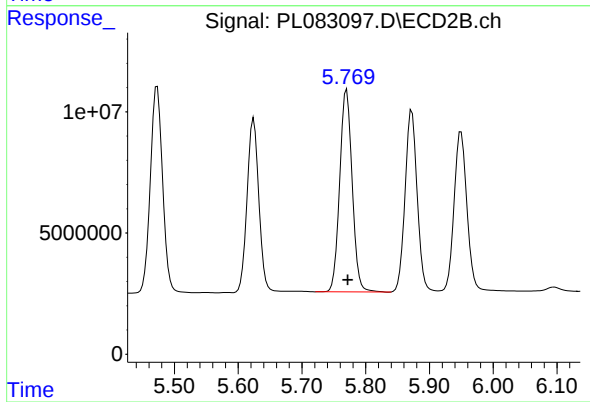
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 113101796
Conc: 44.58 ng/ml



#15 Endosulfan II

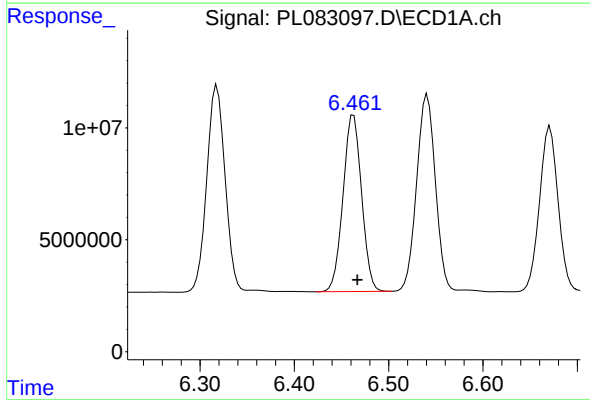
R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 120405641
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



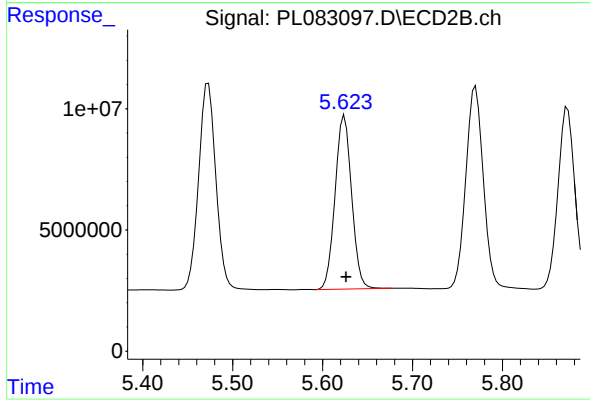
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 113392635
Conc: 45.83 ng/ml



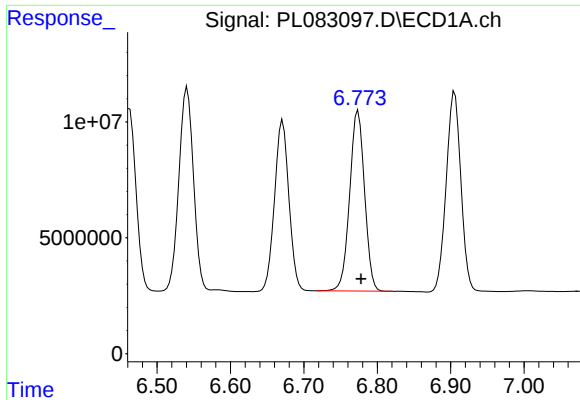
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 107835640
Conc: 49.62 ng/ml



#16 4,4'-DDD

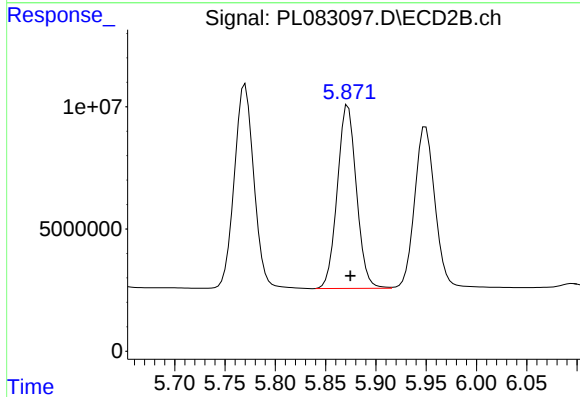
R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 91514944
Conc: 47.58 ng/ml



#17 4,4'-DDT

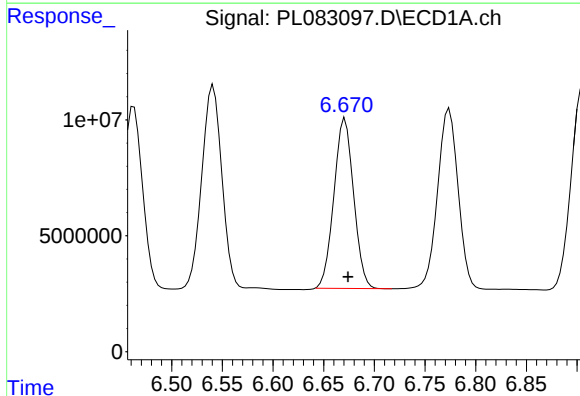
R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 109736319
Conc: 43.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



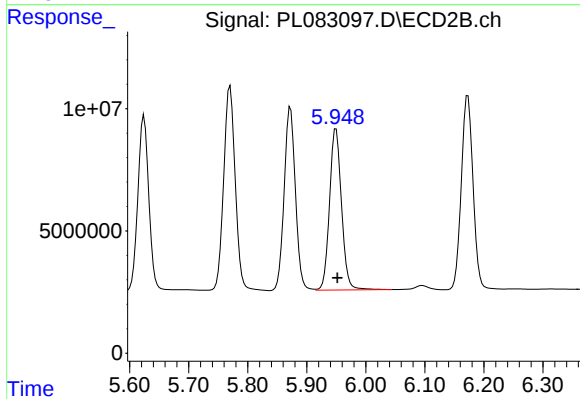
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 99120137
Conc: 44.43 ng/ml



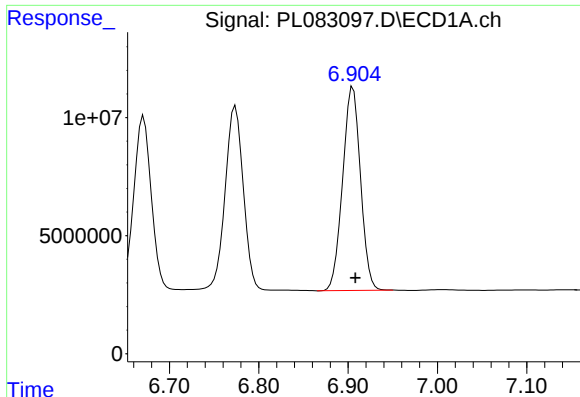
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 99313227
Conc: 49.39 ng/ml



#18 Endrin aldehyde

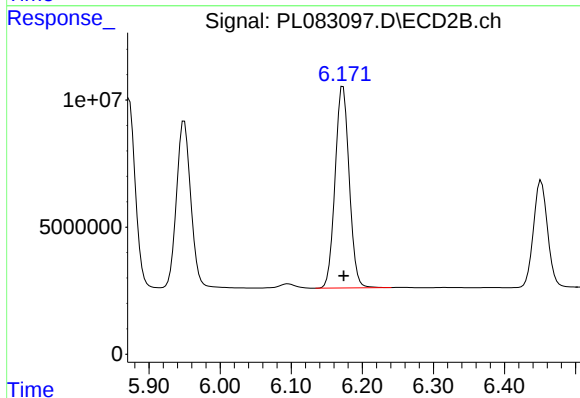
R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 93033102
Conc: 47.05 ng/ml



#19 Endosulfan Sulfate

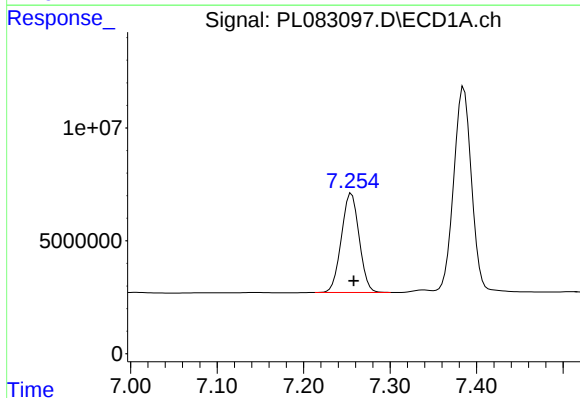
R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 119755611
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



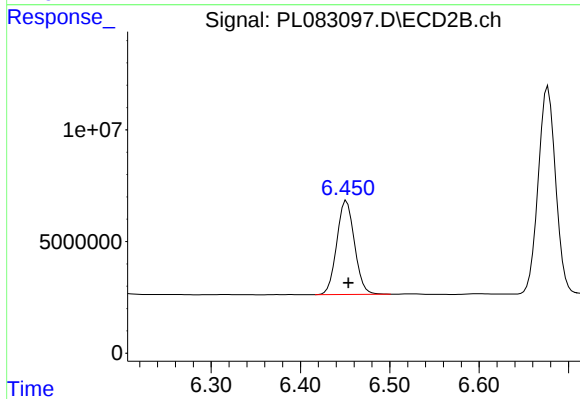
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 109270420
Conc: 44.62 ng/ml



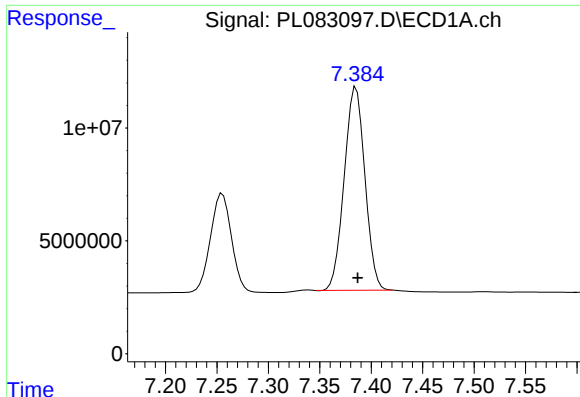
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 62420317
Conc: 47.20 ng/ml



#20 Methoxychlor

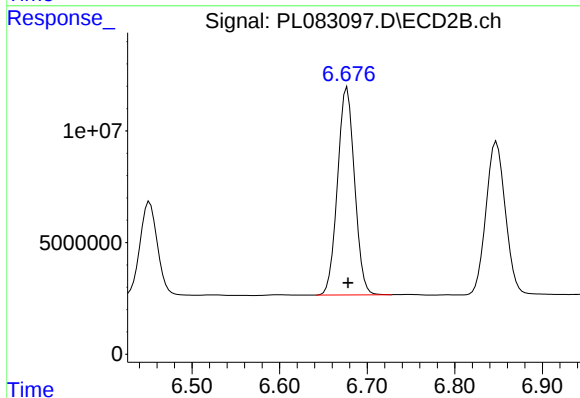
R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 57919074
Conc: 45.54 ng/ml



#21 Endrin ketone

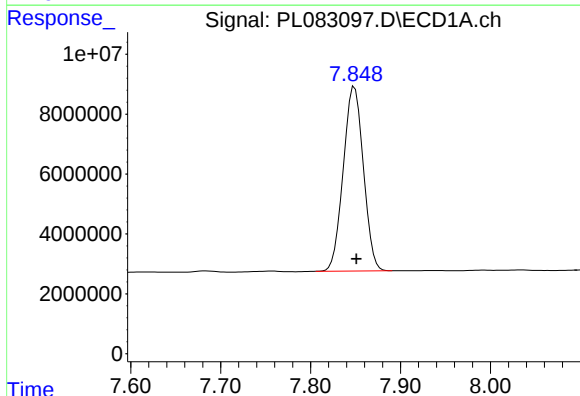
R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 126158078
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



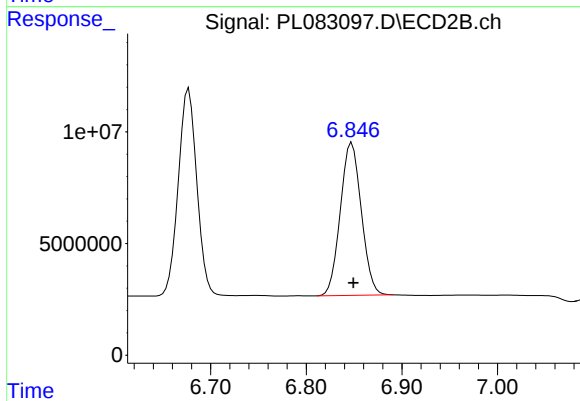
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.001 min
Response: 125601688
Conc: 46.45 ng/ml



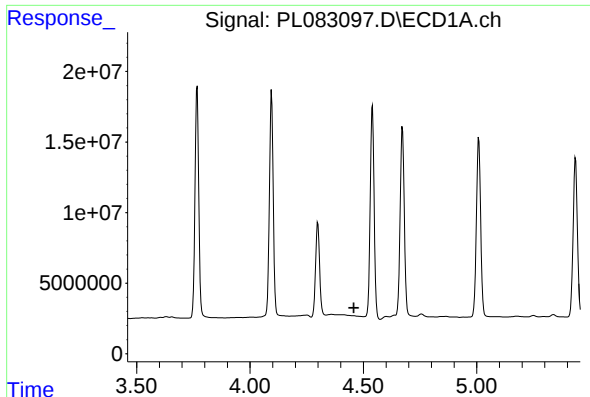
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 95798959
Conc: 45.70 ng/ml



#22 Mirex

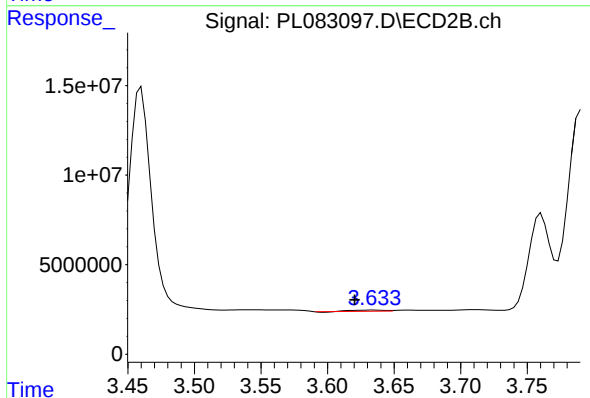
R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 104660799
Conc: 44.73 ng/ml



#23 Chlordane-1

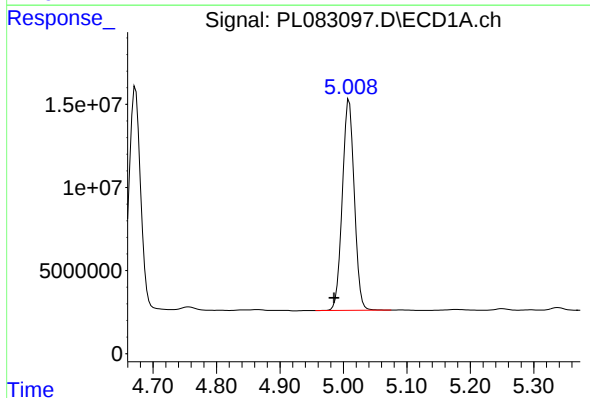
R.T.: 0.000 min
Exp R.T.: 4.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



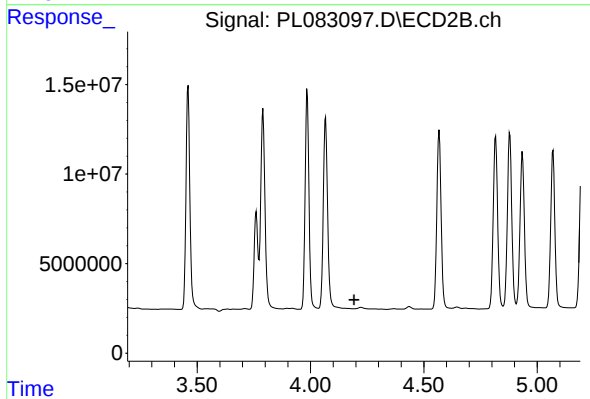
#23 Chlordane-1

R.T.: 3.635 min
Delta R.T.: 0.015 min
Response: 1048516
Conc: 12.71 ng/ml



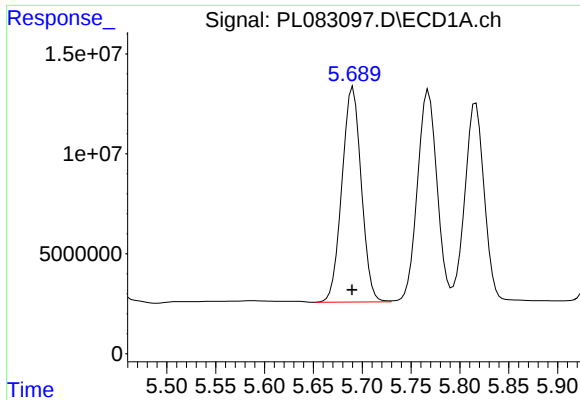
#24 Chlordane-2

R.T.: 5.009 min
Delta R.T.: 0.024 min
Response: 165948020
Conc: 1506.45 ng/ml



#24 Chlordane-2

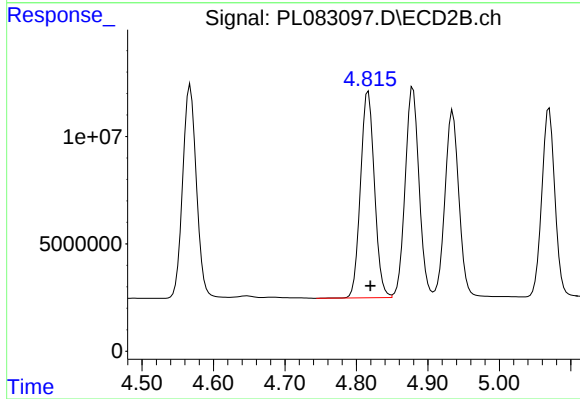
R.T.: 0.000 min
Exp R.T.: 4.193 min
Response: 0
Conc: N.D.



#25 Chlordane-3

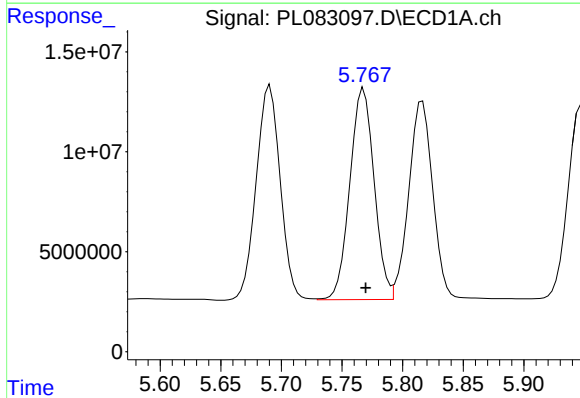
R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 148312965
Conc: 357.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



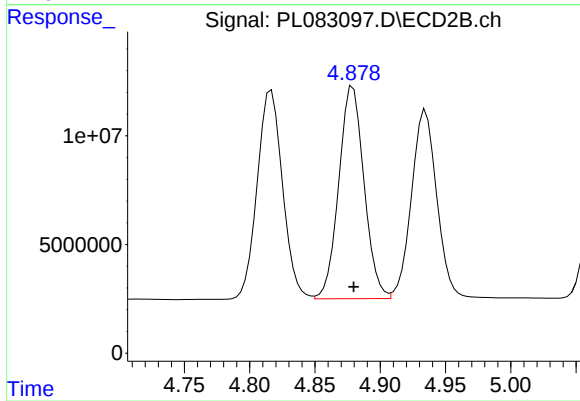
#25 Chlordane-3

R.T.: 4.817 min
Delta R.T.: -0.003 min
Response: 130010356
Conc: 487.84 ng/ml



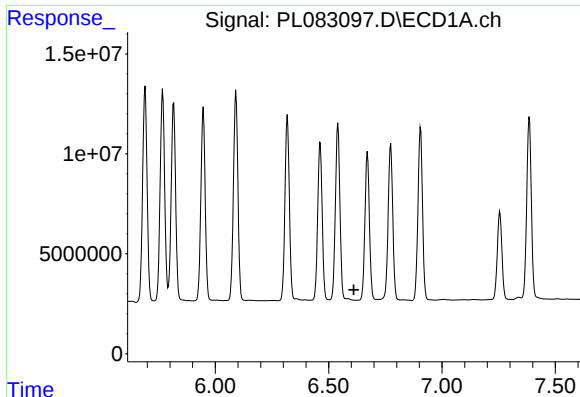
#26 Chlordane-4

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 147322631
Conc: 290.93 ng/ml



#26 Chlordane-4

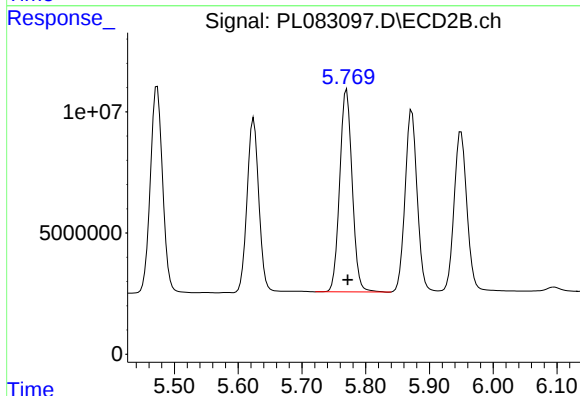
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 131816884
Conc: 467.85 ng/ml



#27 Chlordane-5

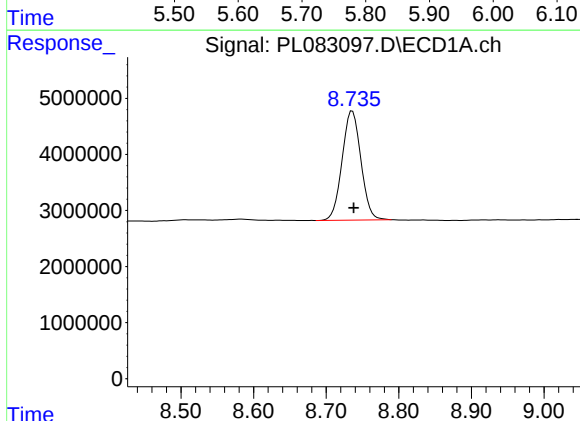
R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



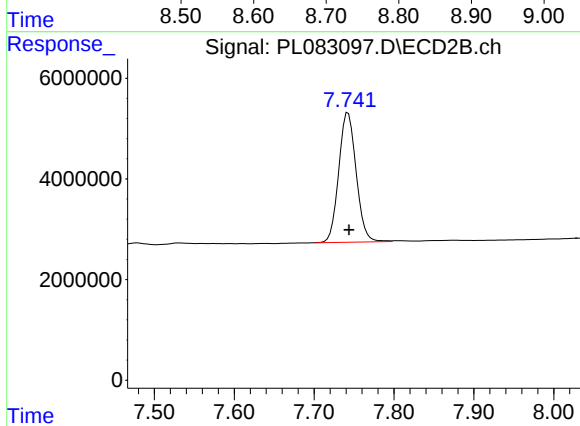
#27 Chlordane-5

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 113392635
Conc: 1167.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.002 min
Response: 35016624
Conc: 16.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 39020690
Conc: 15.69 ng/ml