

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
 Data File : PL083165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 2023 19:38
 Operator : AR\AJ
 Sample : PB153156BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 21:21:37 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...	3.315	2.635	54635913	50548335	18.590	19.471
2)	SA Decachlor...	8.728	7.737	44394368	52077163	21.167	20.944
Target Compounds							
2)	A alpha-BHC	3.764	3.130	225.6E6	191.2E6	50.809	51.243
3)	MA gamma-BHC...	4.091	3.457	206.0E6	175.0E6	49.719	52.503
4)	MA Heptachlor	4.669	3.787	191.7E6	177.6E6	50.159	48.523
5)	MB Aldrin	5.005	4.063	185.5E6	167.6E6	52.739	51.515
6)	B beta-BHC	4.295	3.757	92994536	73018511	49.393	51.059
7)	B delta-BHC	4.536	3.982	203.6E6	170.8E6	59.195	52.137
8)	B Heptachlo...	5.431	4.564	168.9E6	153.7E6	52.798	51.788
9)	A Endosulfan I	5.811	4.930	155.5E6	145.4E6	51.839	52.018
10)	B gamma-Chl...	5.686	4.812	171.5E6	156.4E6	53.978	52.081
11)	B alpha-Chl...	5.763	4.875	166.9E6	155.9E6	52.013	51.932
12)	B 4,4'-DDE	5.942	5.065	147.9E6	135.5E6	53.661	55.770
13)	MA Dieldrin	6.086	5.194	155.2E6	146.8E6	51.611	52.002
14)	MA Endrin	6.313	5.468	121.9E6	119.4E6	45.355	47.079
15)	B Endosulfa...	6.535	5.765	124.1E6	124.0E6	46.659	50.119
16)	A 4,4'-DDD	6.458	5.619	125.7E6	118.1E6	57.857	61.400
17)	MA 4,4'-DDT	6.768	5.868	112.6E6	100.4E6	44.980	44.981
18)	B Endrin al...	6.666	5.944	100.2E6	101.4E6	49.847	51.291
19)	B Endosulfa...	6.900	6.167	132.9E6	126.5E6	51.836	51.635
20)	A Methoxychlor	7.250	6.446	58950812	56840752	44.579	44.695
21)	B Endrin ke...	7.379	6.671	141.2E6	146.0E6	55.358	54.015
22)	Mirex	7.843	6.841	110.5E6	124.0E6	52.737	52.989
23)	Chlordane-1	0.000	3.635f	0	95166	N.D.	1.153 #
24)	Chlordane-2	5.005f	4.208	185.5E6	1492436	1684.337	16.763 #
25)	Chlordane-3	5.686	4.812	171.5E6	156.4E6	413.319	586.928 #
26)	Chlordane-4	5.763	4.875	166.9E6	155.9E6	329.649	553.319 #
27)	Chlordane-5	0.000	5.765	0	124.0E6	N.D.	1276.471 #

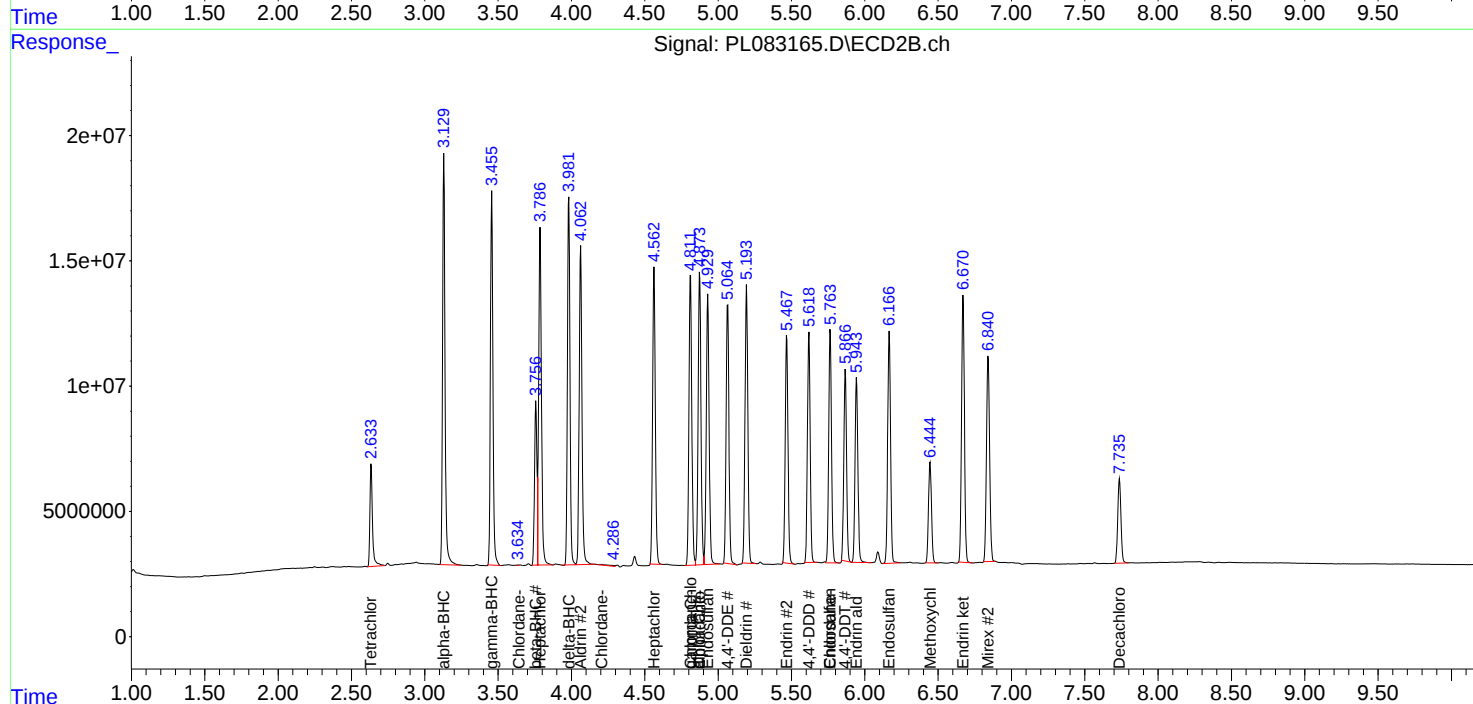
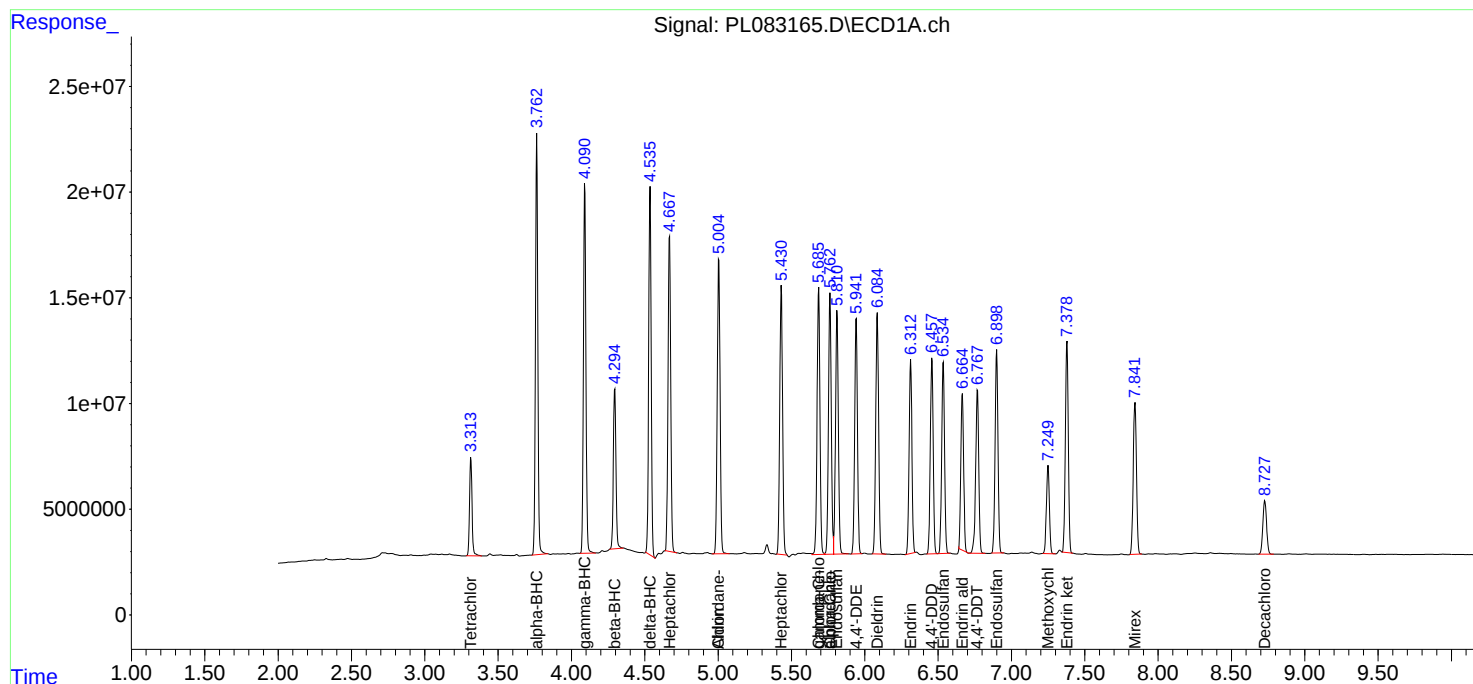
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

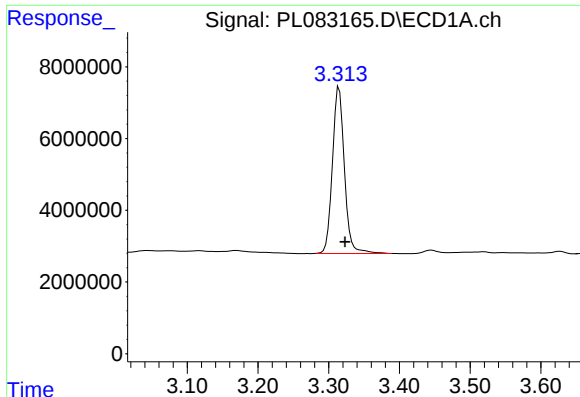
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

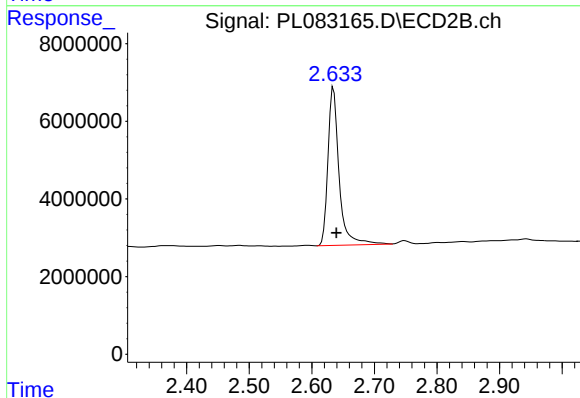




#1 Tetrachloro-m-xylene

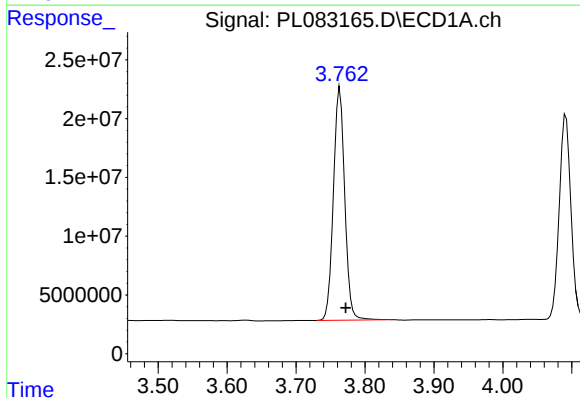
R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 54635913
Conc: 18.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



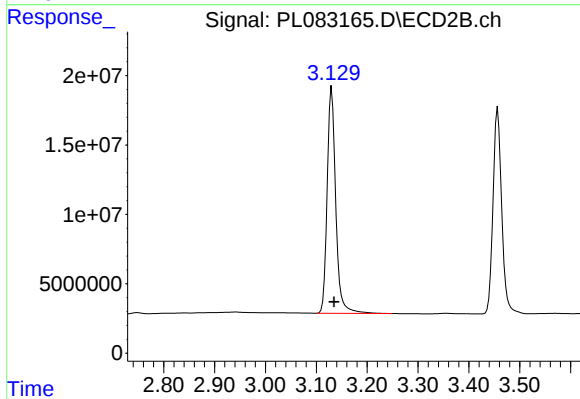
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 50548335
Conc: 19.47 ng/ml



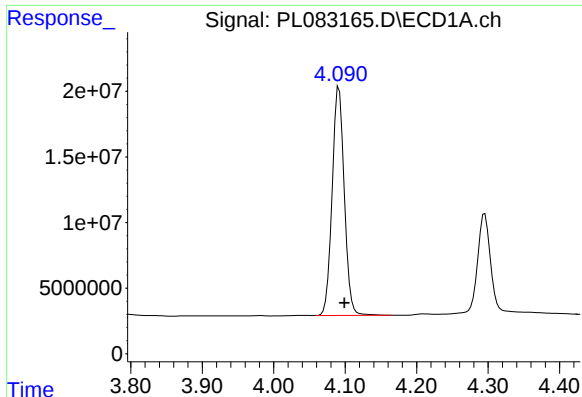
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 225552912
Conc: 50.81 ng/ml



#2 alpha-BHC

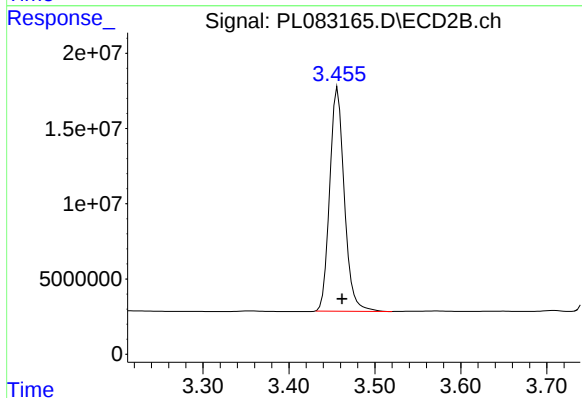
R.T.: 3.130 min
Delta R.T.: -0.005 min
Response: 191210614
Conc: 51.24 ng/ml



#3 gamma-BHC (Lindane)

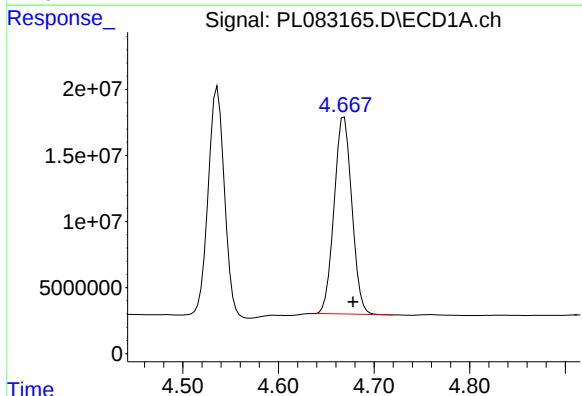
R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 205981867
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



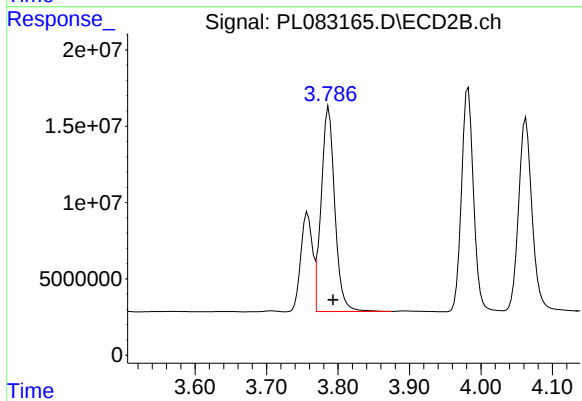
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 175008918
Conc: 52.50 ng/ml



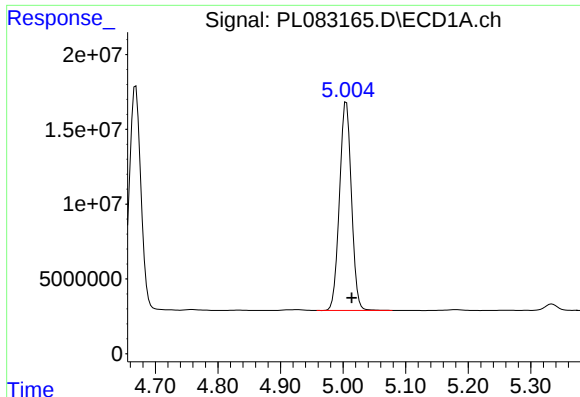
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 191731783
Conc: 50.16 ng/ml



#4 Heptachlor

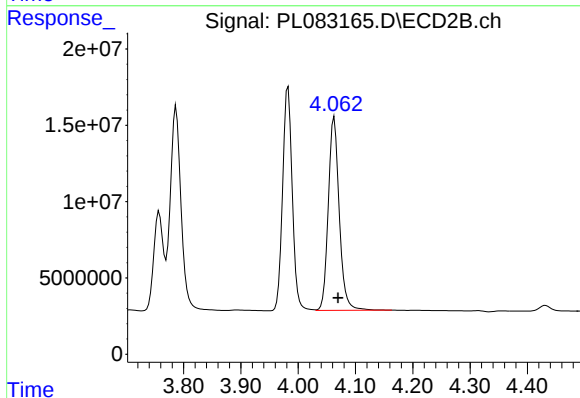
R.T.: 3.787 min
Delta R.T.: -0.006 min
Response: 177646733
Conc: 48.52 ng/ml



#5 Aldrin

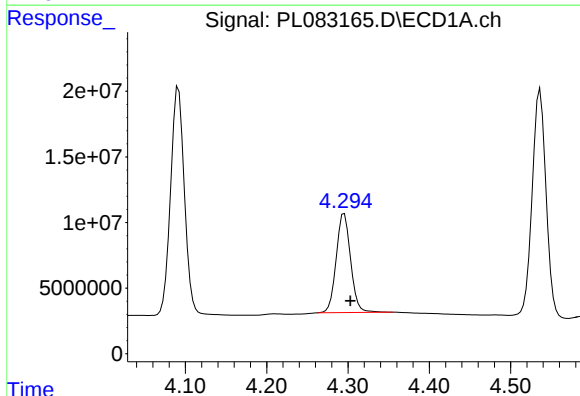
R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 185543390
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



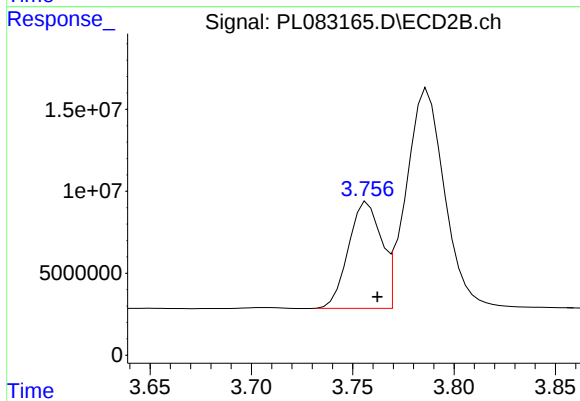
#5 Aldrin

R.T.: 4.063 min
Delta R.T.: -0.007 min
Response: 167610824
Conc: 51.52 ng/ml



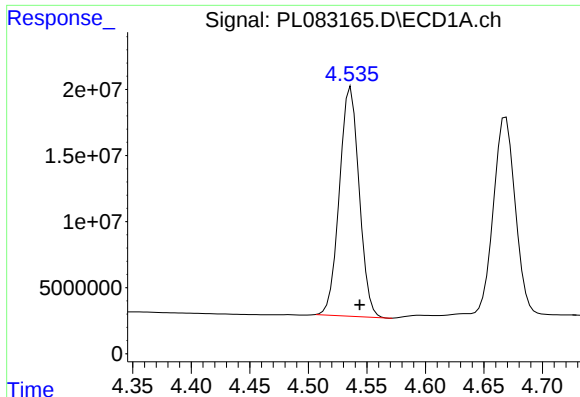
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 92994536
Conc: 49.39 ng/ml



#6 beta-BHC

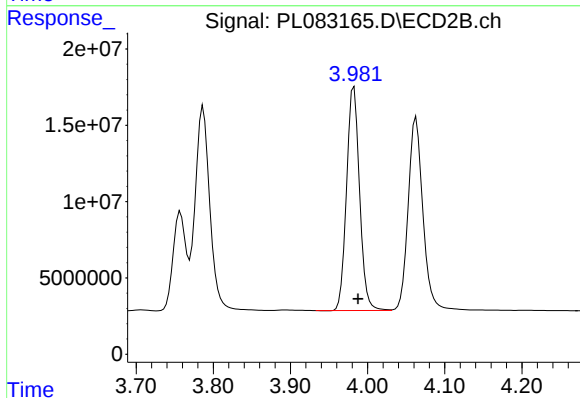
R.T.: 3.757 min
Delta R.T.: -0.005 min
Response: 73018511
Conc: 51.06 ng/ml



#7 delta-BHC

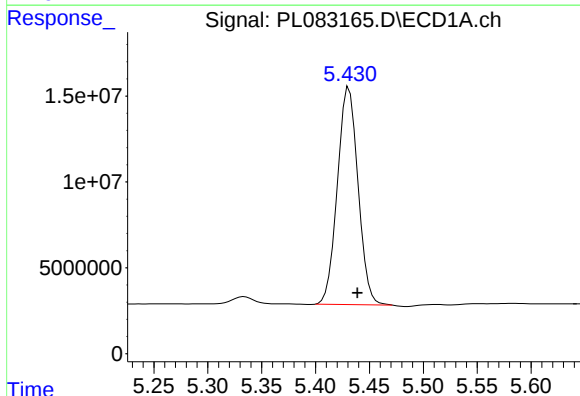
R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 203565655
Conc: 59.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



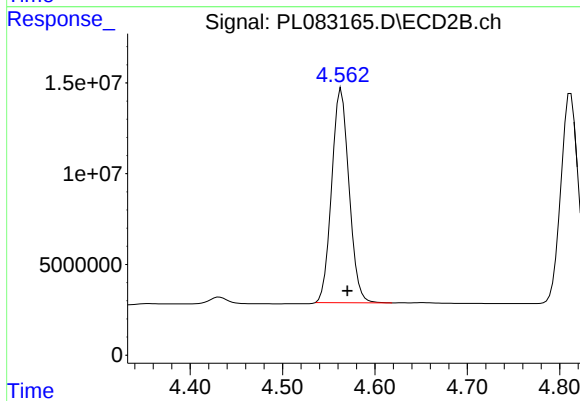
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 170824692
Conc: 52.14 ng/ml



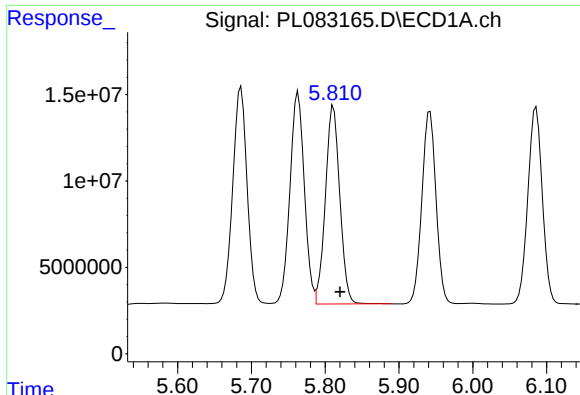
#8 Heptachlor epoxide

R.T.: 5.431 min
Delta R.T.: -0.008 min
Response: 168884271
Conc: 52.80 ng/ml



#8 Heptachlor epoxide

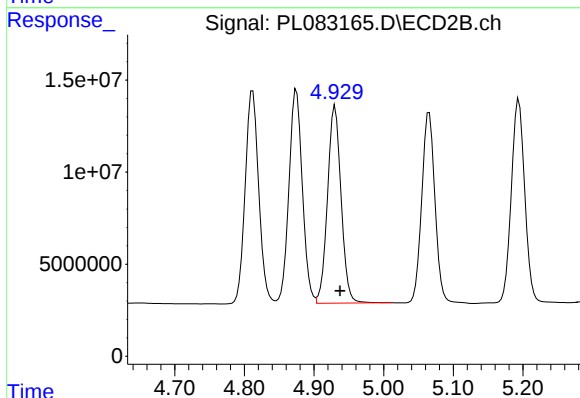
R.T.: 4.564 min
Delta R.T.: -0.007 min
Response: 153700595
Conc: 51.79 ng/ml



#9 Endosulfan I

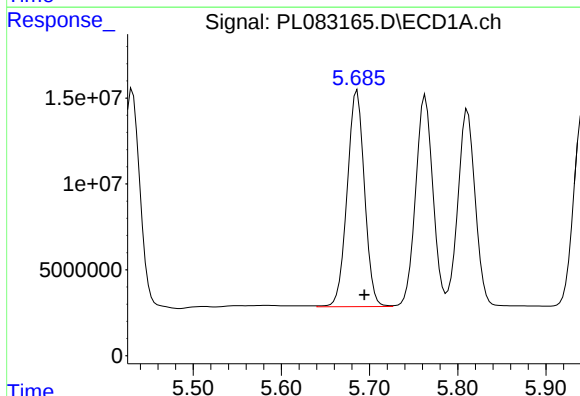
R.T.: 5.811 min
Delta R.T.: -0.009 min
Response: 155548371
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



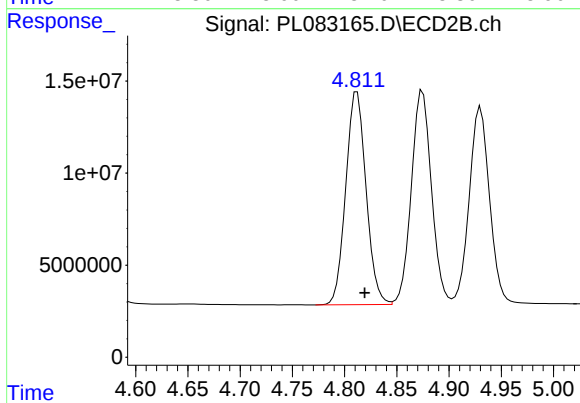
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.007 min
Response: 145358801
Conc: 52.02 ng/ml



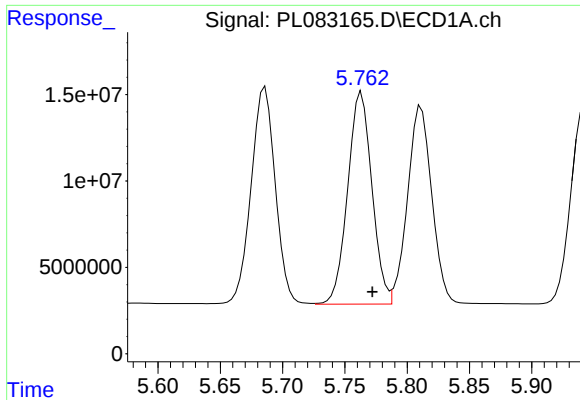
#10 gamma-Chlordane

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 171487167
Conc: 53.98 ng/ml



#10 gamma-Chlordane

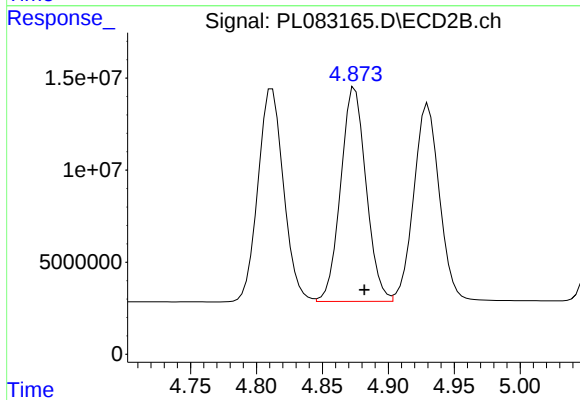
R.T.: 4.812 min
Delta R.T.: -0.007 min
Response: 156419080
Conc: 52.08 ng/ml



#11 alpha-Chlordane

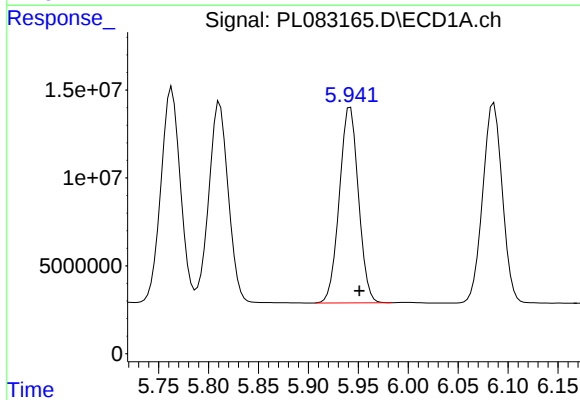
R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 166926733
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



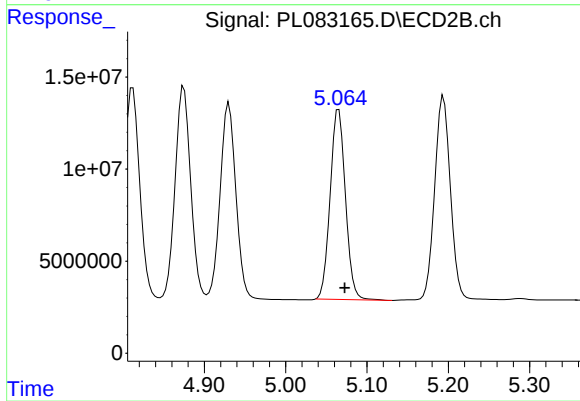
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.007 min
Response: 155898374
Conc: 51.93 ng/ml



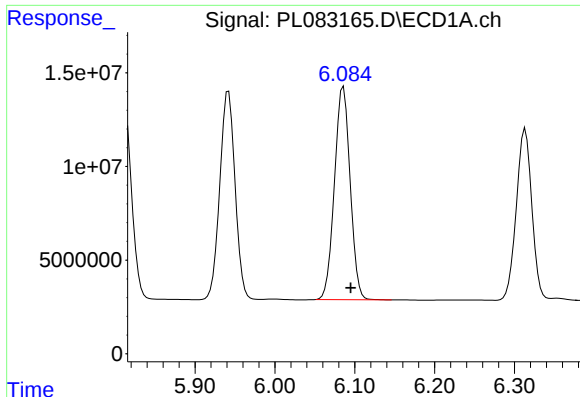
#12 4,4'-DDE

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 147917902
Conc: 53.66 ng/ml



#12 4,4'-DDE

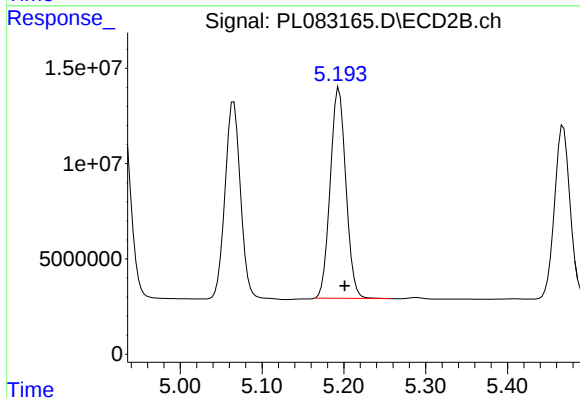
R.T.: 5.065 min
Delta R.T.: -0.007 min
Response: 135452321
Conc: 55.77 ng/ml



#13 Dieldrin

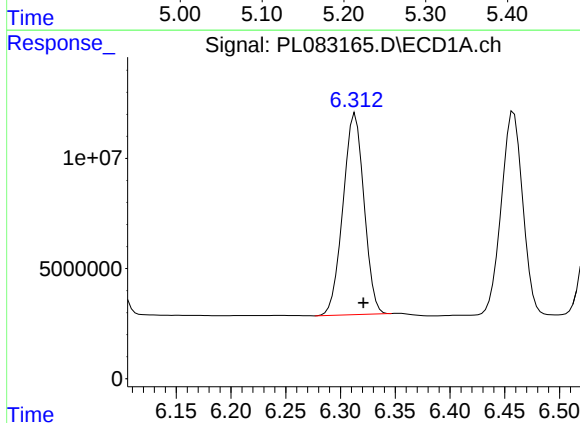
R.T.: 6.086 min
Delta R.T.: -0.009 min
Response: 155237659
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



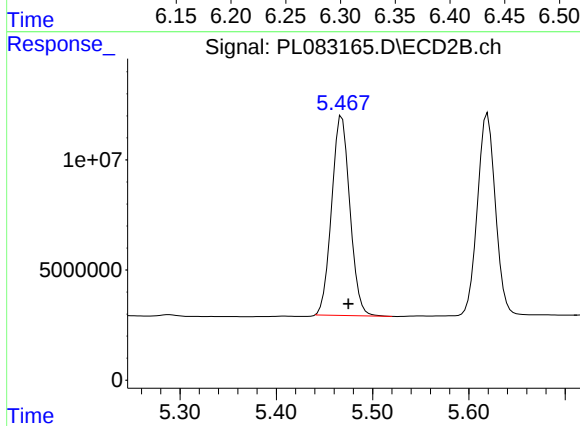
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 146797434
Conc: 52.00 ng/ml



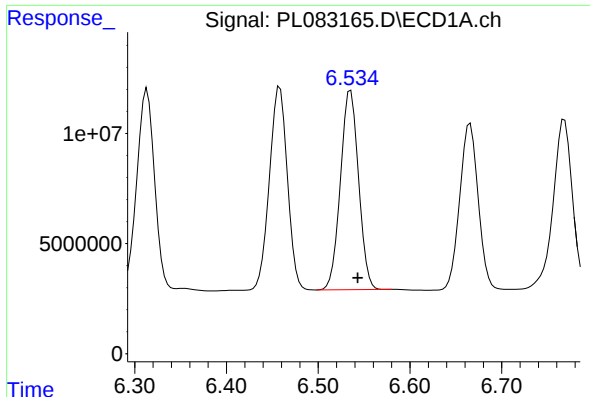
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 121879617
Conc: 45.35 ng/ml



#14 Endrin

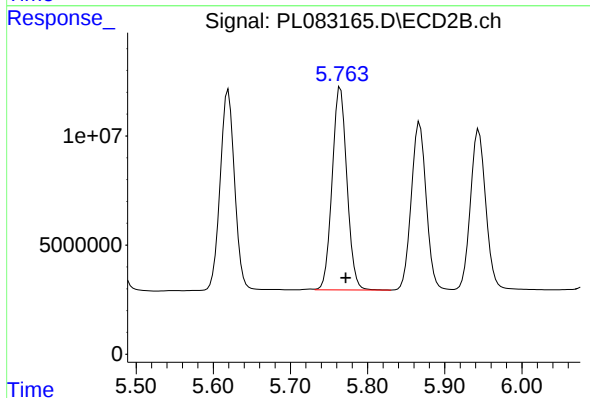
R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 119436779
Conc: 47.08 ng/ml



#15 Endosulfan II

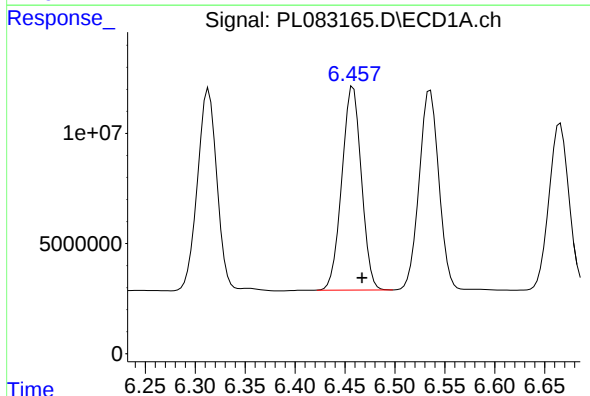
R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 124138592
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



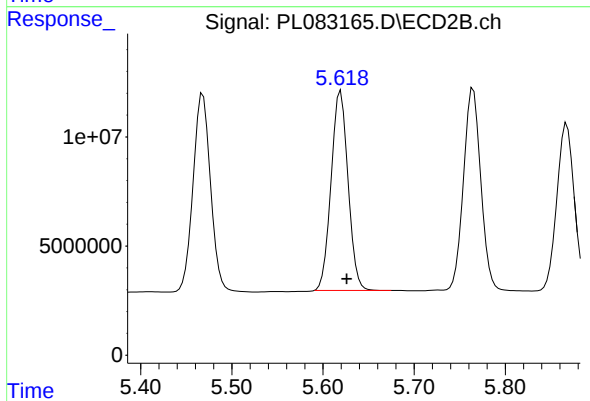
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 124004347
Conc: 50.12 ng/ml



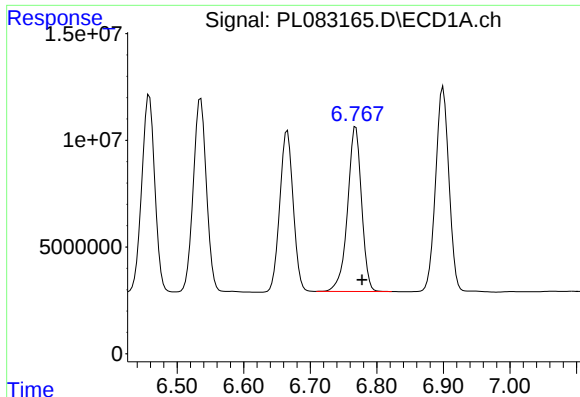
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 125726060
Conc: 57.86 ng/ml



#16 4,4'-DDD

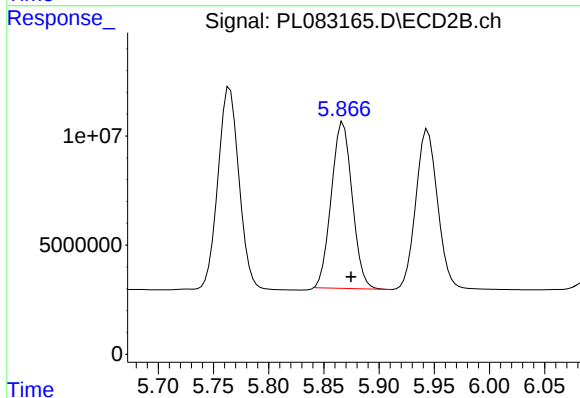
R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 118087322
Conc: 61.40 ng/ml



#17 4,4'-DDT

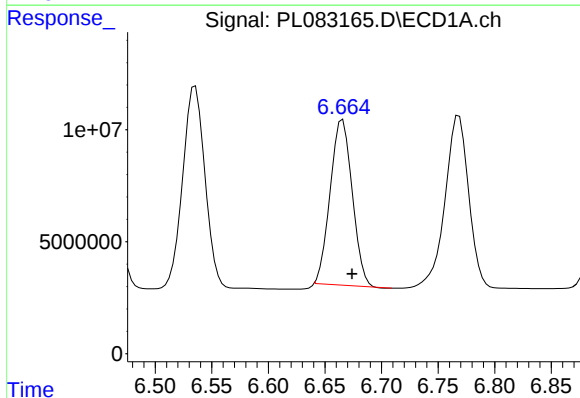
R.T.: 6.768 min
Delta R.T.: -0.010 min
Response: 112591762
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



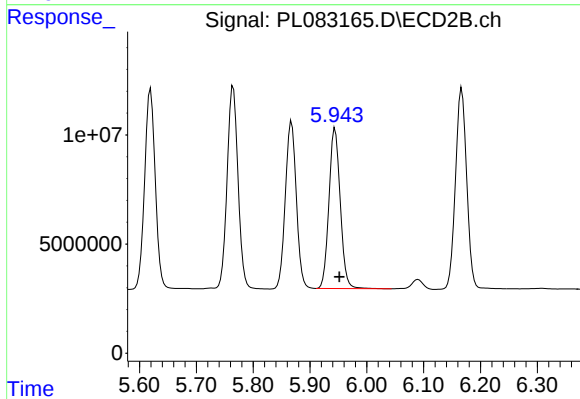
#17 4,4'-DDT

R.T.: 5.868 min
Delta R.T.: -0.007 min
Response: 100353604
Conc: 44.98 ng/ml



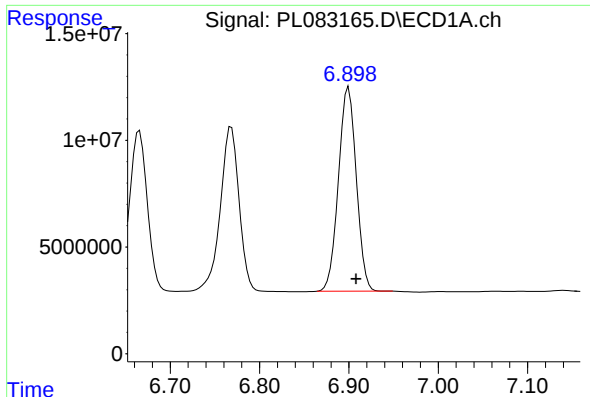
#18 Endrin aldehyde

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 100224712
Conc: 49.85 ng/ml



#18 Endrin aldehyde

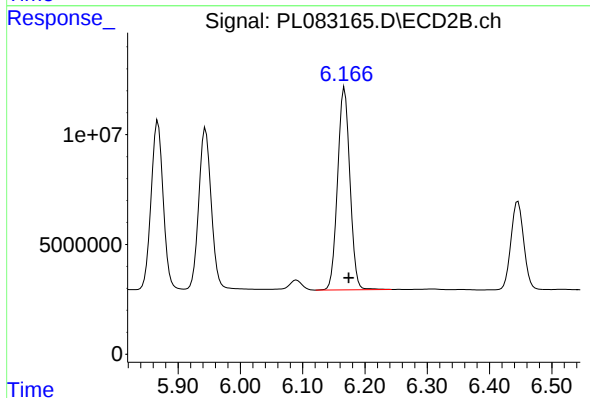
R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 101426203
Conc: 51.29 ng/ml



#19 Endosulfan Sulfate

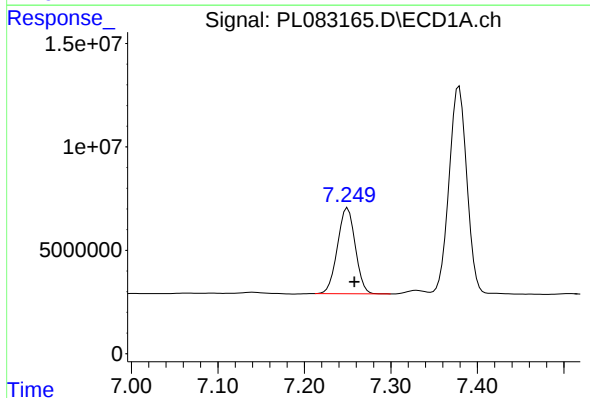
R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 132893850
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



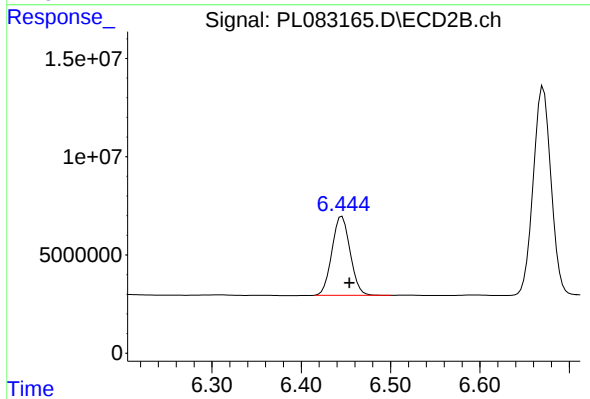
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 126453594
Conc: 51.64 ng/ml



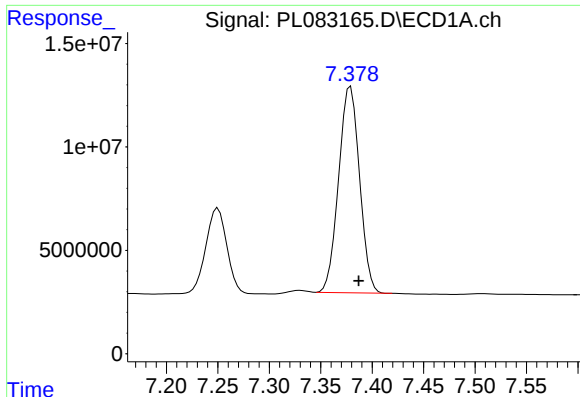
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 58950812
Conc: 44.58 ng/ml



#20 Methoxychlor

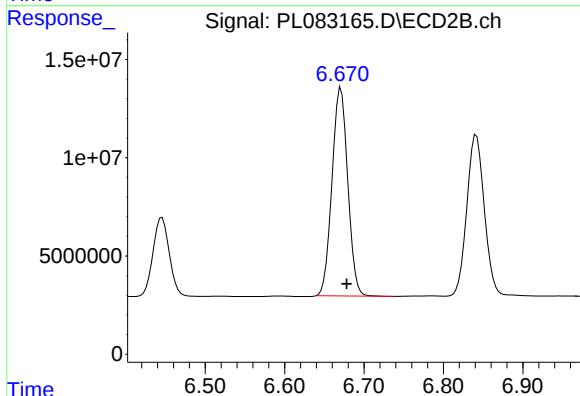
R.T.: 6.446 min
Delta R.T.: -0.008 min
Response: 56840752
Conc: 44.69 ng/ml



#21 Endrin ketone

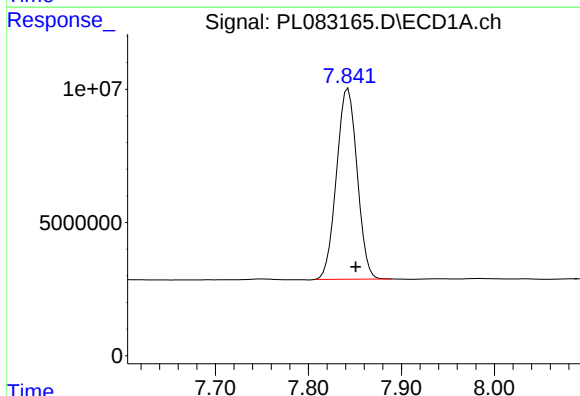
R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 141207576
Conc: 55.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



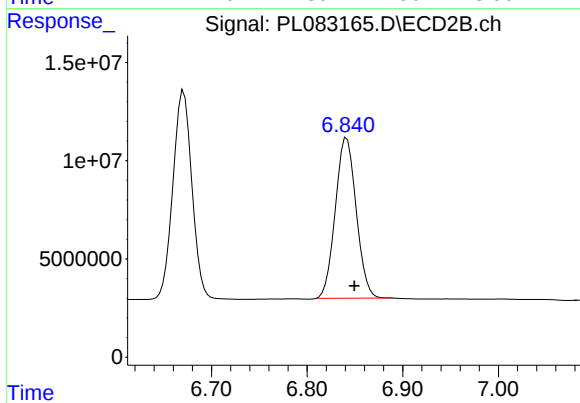
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 146048745
Conc: 54.02 ng/ml



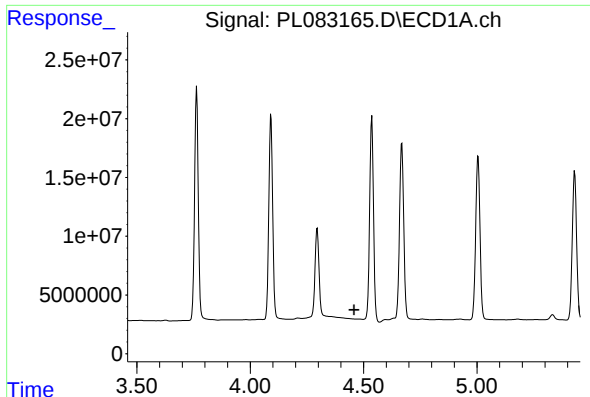
#22 Mirex

R.T.: 7.843 min
Delta R.T.: -0.008 min
Response: 110537589
Conc: 52.74 ng/ml



#22 Mirex

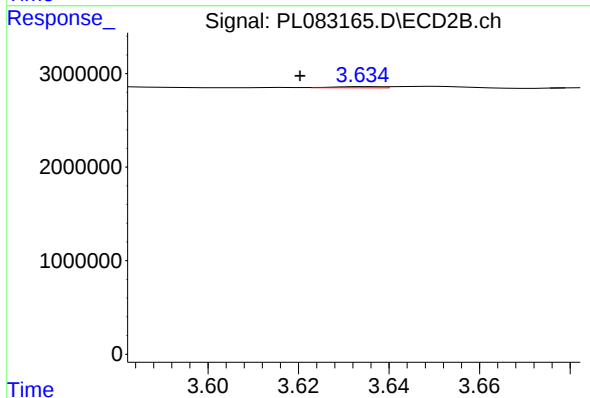
R.T.: 6.841 min
Delta R.T.: -0.008 min
Response: 123985643
Conc: 52.99 ng/ml



#23 Chlordane-1

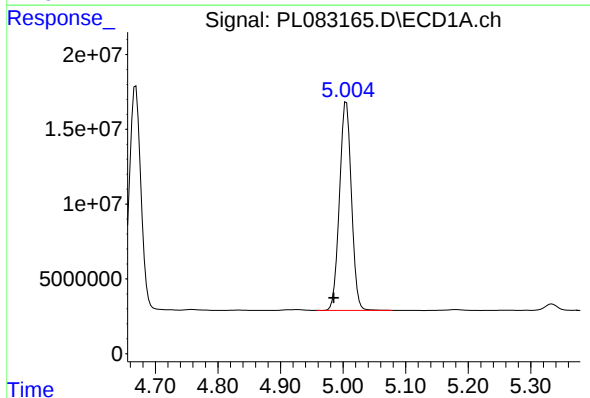
R.T.: 0.000 min
Exp R.T.: 4.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



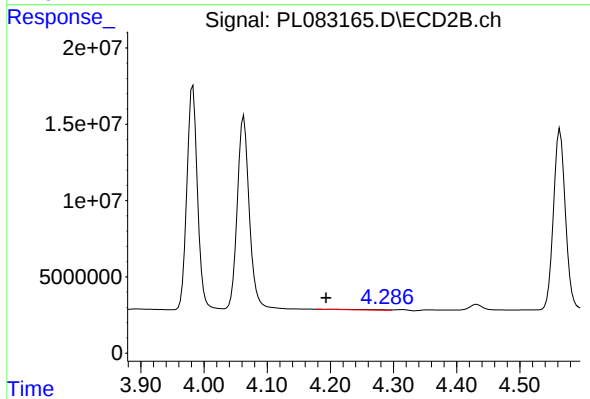
#23 Chlordane-1

R.T.: 3.635 min
Delta R.T.: 0.015 min
Response: 95166
Conc: 1.15 ng/ml



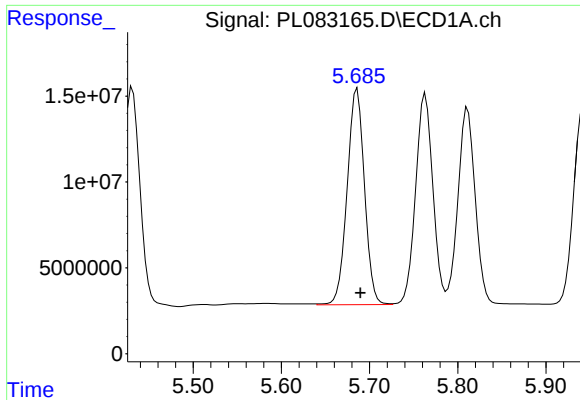
#24 Chlordane-2

R.T.: 5.005 min
Delta R.T.: 0.020 min
Response: 185543390
Conc: 1684.34 ng/ml



#24 Chlordane-2

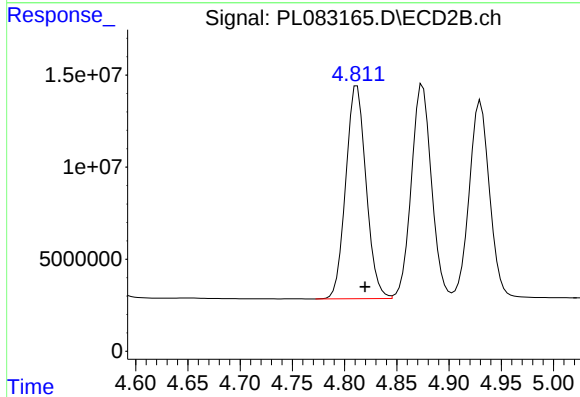
R.T.: 4.208 min
Delta R.T.: 0.015 min
Response: 1492436
Conc: 16.76 ng/ml



#25 Chlordane-3

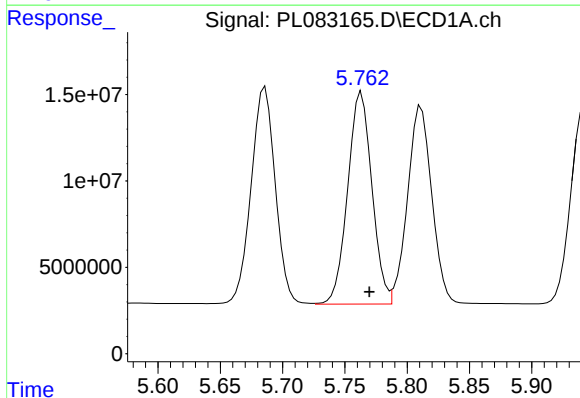
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 171487167
Conc: 413.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



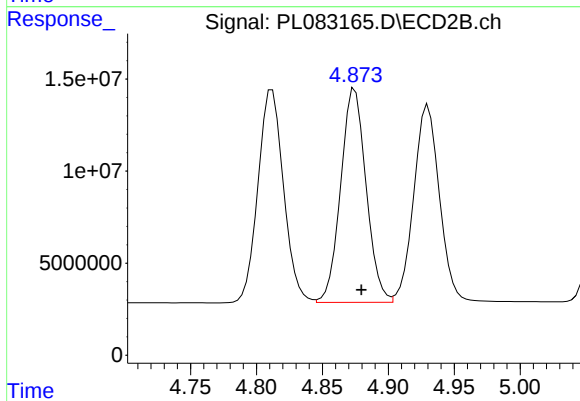
#25 Chlordane-3

R.T.: 4.812 min
Delta R.T.: -0.008 min
Response: 156419080
Conc: 586.93 ng/ml



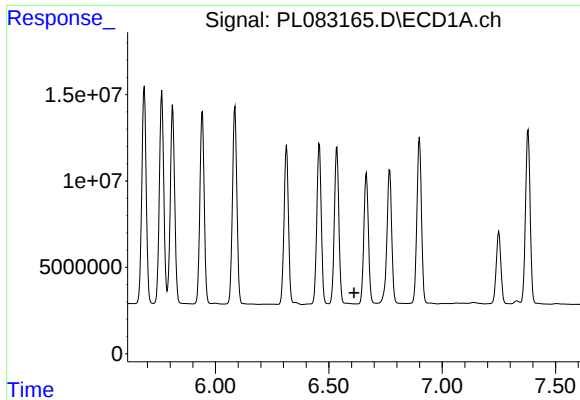
#26 Chlordane-4

R.T.: 5.763 min
Delta R.T.: -0.006 min
Response: 166926733
Conc: 329.65 ng/ml



#26 Chlordane-4

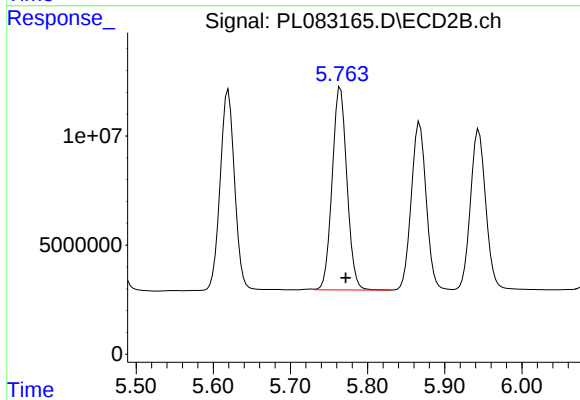
R.T.: 4.875 min
Delta R.T.: -0.005 min
Response: 155898374
Conc: 553.32 ng/ml



#27 Chlordane-5

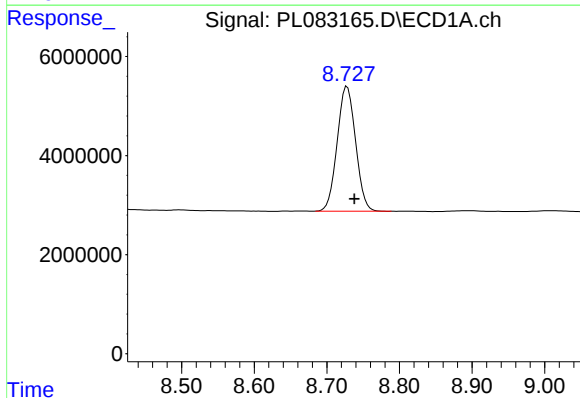
R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



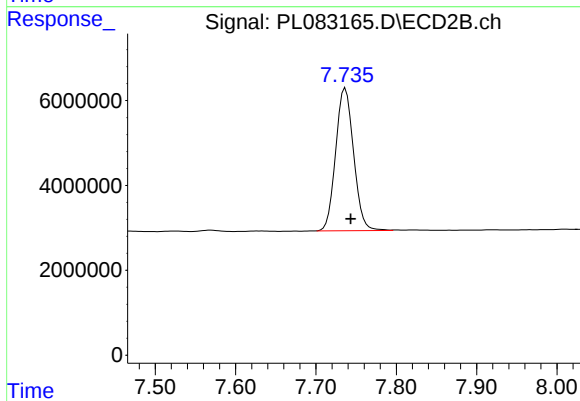
#27 Chlordane-5

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 124004347
Conc: 1276.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.010 min
Response: 44394368
Conc: 21.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.007 min
Response: 52077163
Conc: 20.94 ng/ml