

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 17:22
 Operator : AR\AJ
 Sample : PB153641BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:44:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.457	2.753	47261842	52511389	21.382	22.543
28)	SA Decachlor...	8.993	7.963	48481008	58999631	25.442	24.022
Target Compounds							
2)	A alpha-BHC	3.914	3.263	138.1E6	160.5E6	44.370	47.560
3)	MA gamma-BHC...	4.248	3.596	128.1E6	151.7E6	44.948	47.259
4)	MA Heptachlor	4.839	3.943	125.5E6	148.2E6	45.393	47.862
5)	MB Aldrin	5.181	4.226	116.0E6	144.8E6	44.649	48.097
6)	B beta-BHC	4.446	3.898	58036844	68824016	44.859	46.117
7)	B delta-BHC	4.692	4.130	124.8E6	153.3E6	45.265	47.560
8)	B Heptachlo...	5.610	4.735	108.7E6	120.8E6	42.815	42.095
9)	A Endosulfan I	5.994	5.107	101.4E6	130.3E6	45.508	48.365
10)	B gamma-Chl...	5.867	4.989	109.3E6	142.4E6	45.446	48.115
11)	B alpha-Chl...	5.946	5.054	107.6E6	141.1E6	45.446	47.702
12)	B 4,4'-DDE	6.125	5.250	95879581	126.8E6	47.496	49.639
13)	MA Dieldrin	6.271	5.375	103.3E6	136.2E6	46.024	48.567
14)	MA Endrin	6.500	5.652	87566993	112.3E6	49.617	48.639
15)	B Endosulfa...	6.720	5.949	87935277	114.6E6	47.113	48.261
16)	A 4,4'-DDD	6.643	5.810	85822024	114.3E6	50.264	51.852
17)	MA 4,4'-DDT	6.958	6.064	80679480	99396393	47.919	47.607
18)	B Endrin al...	6.851	6.131	53912567	90079837	36.369	47.661 #
19)	B Endosulfa...	7.087	6.356	93104254	117.5E6	48.481	48.501
20)	A Methoxychlor	7.439	6.649	44779671	57419736	49.368	47.644
21)	B Endrin ke...	7.570	6.862	97761998	133.3E6	45.629	47.416
22)	Mirex	8.046	7.049	85735192	108.9E6	45.935	45.270
23)	Chlordane-1	0.000	3.778	0	77334	N.D.	0.789 #
24)	Chlordane-2	0.000	4.359	0	116859	N.D.	0.972 #
25)	Chlordane-3	5.867	4.989	109.3E6	142.4E6	286.122	434.485 #
26)	Chlordane-4	5.946	5.054	107.6E6	141.1E6	232.787	418.641 #
27)	Chlordane-5	0.000	5.949	0	114.6E6	N.D.	1030.401 #

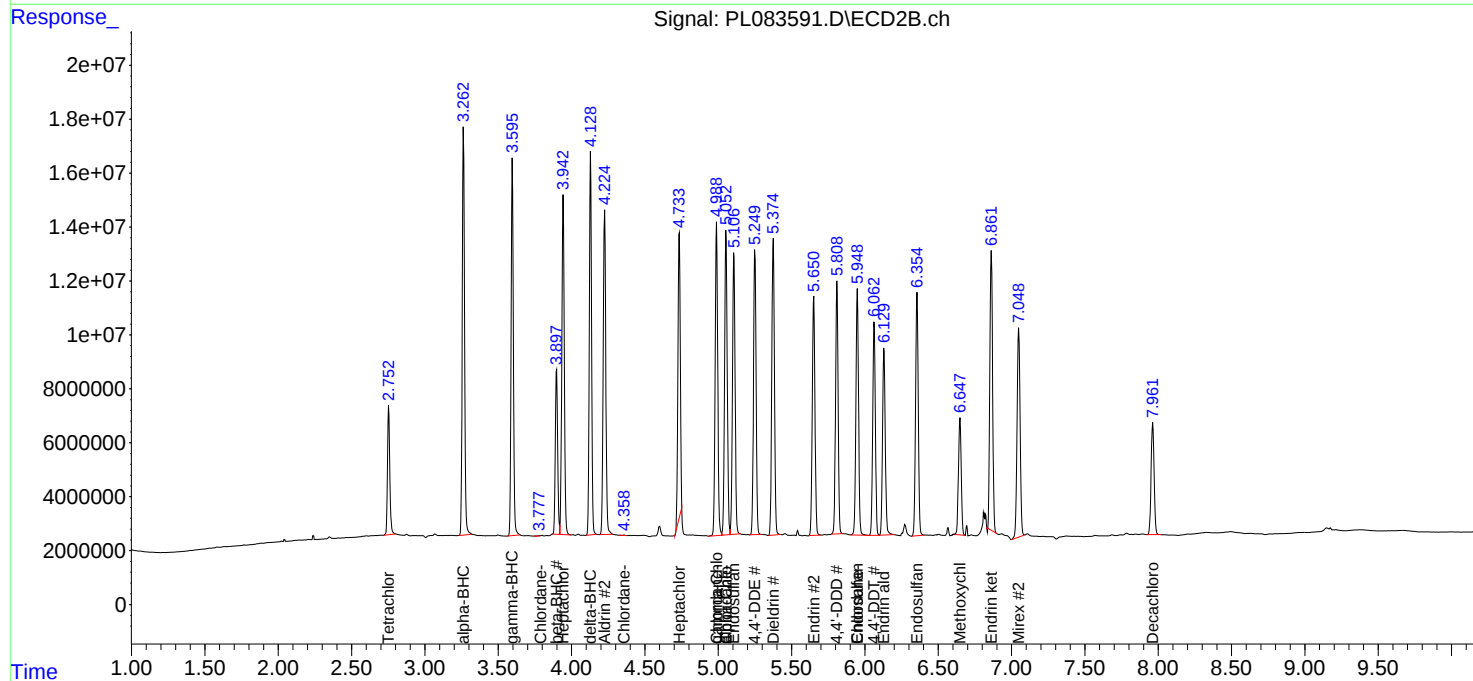
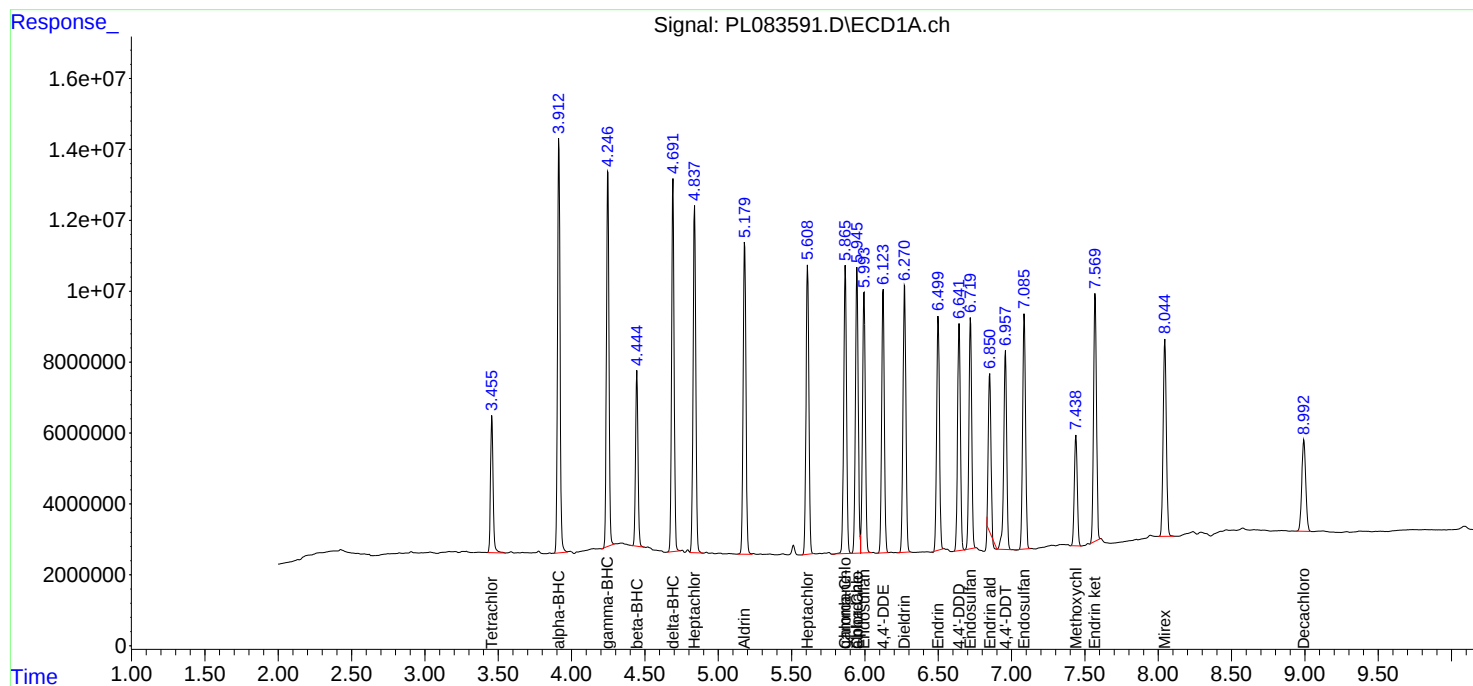
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

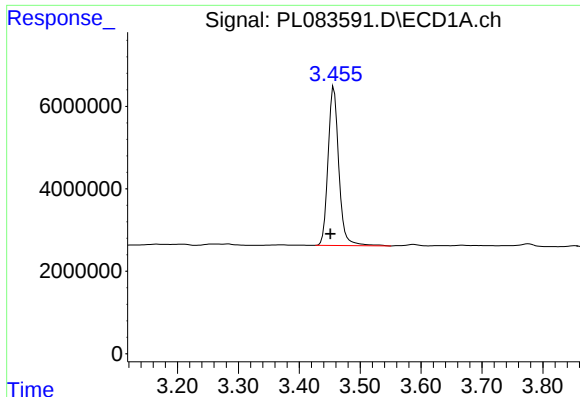
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

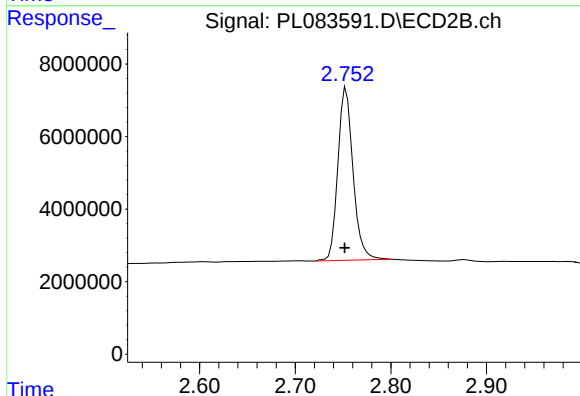




#1 Tetrachloro-m-xylene

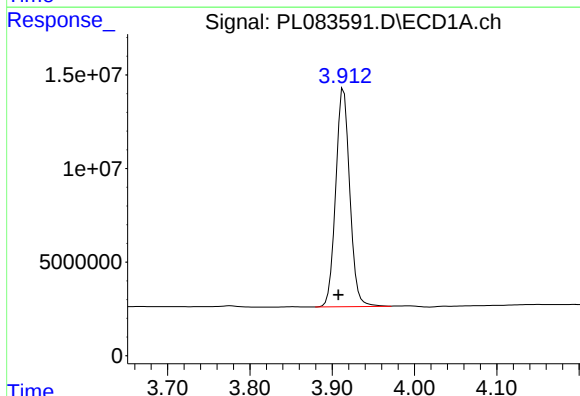
R.T.: 3.457 min
Delta R.T.: 0.006 min
Response: 47261842
Conc: 21.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



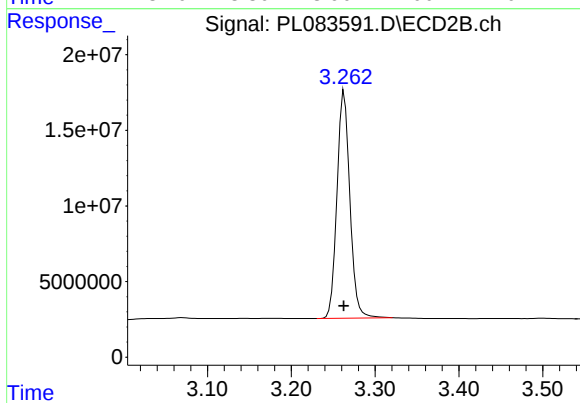
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: 0.001 min
Response: 52511389
Conc: 22.54 ng/ml



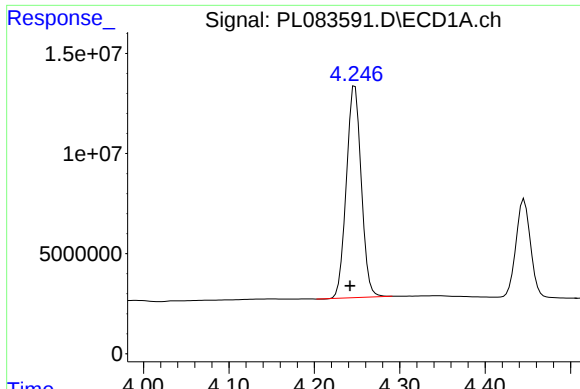
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: 0.006 min
Response: 138142862
Conc: 44.37 ng/ml



#2 alpha-BHC

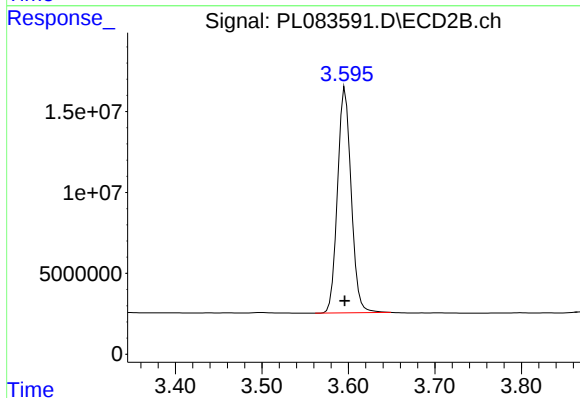
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 160545184
Conc: 47.56 ng/ml



#3 gamma-BHC (Lindane)

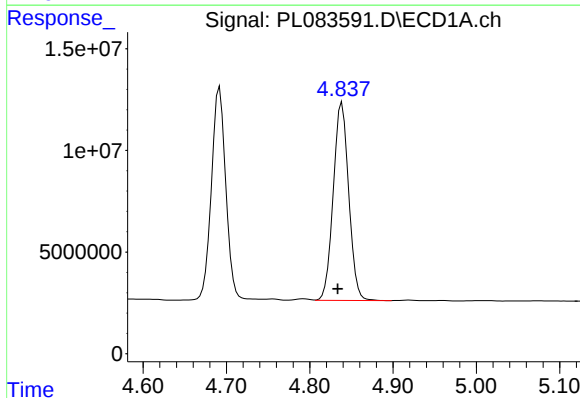
R.T.: 4.248 min
Delta R.T.: 0.006 min
Response: 128136747
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



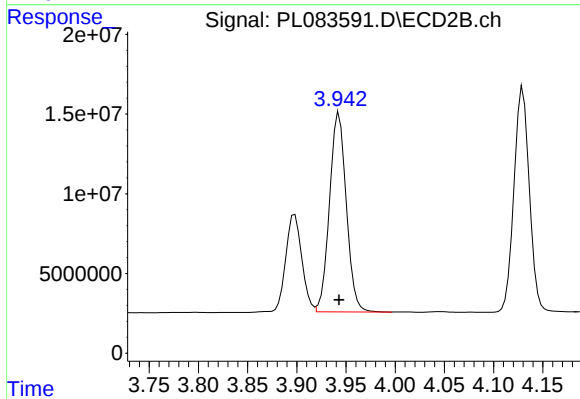
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 151730680
Conc: 47.26 ng/ml



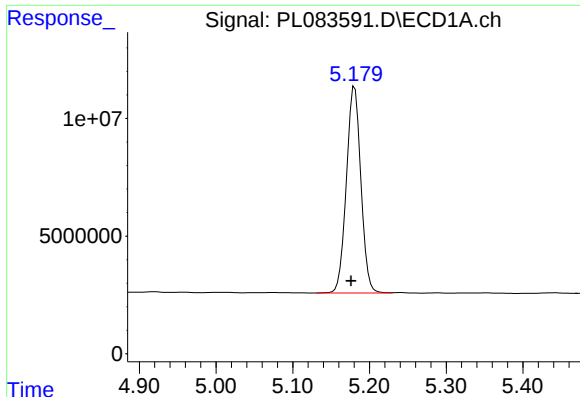
#4 Heptachlor

R.T.: 4.839 min
Delta R.T.: 0.005 min
Response: 125505406
Conc: 45.39 ng/ml



#4 Heptachlor

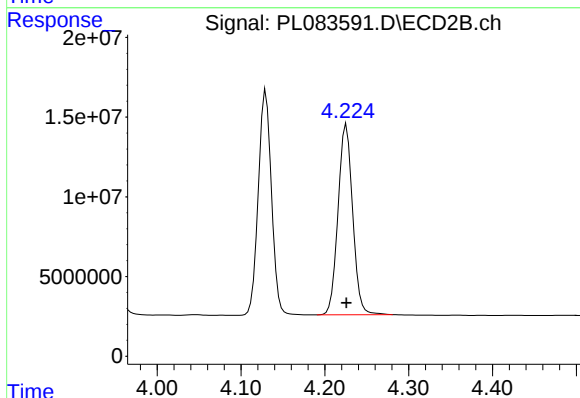
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 148163243
Conc: 47.86 ng/ml



#5 Aldrin

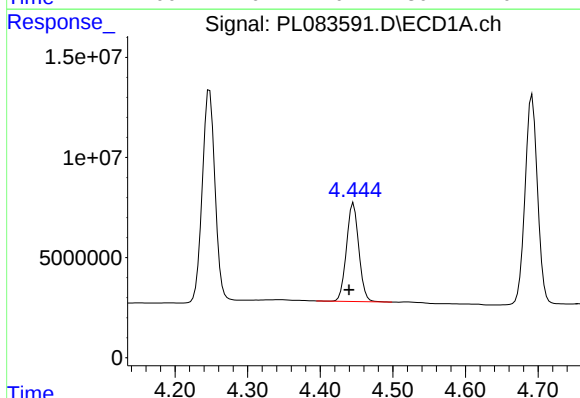
R.T.: 5.181 min
Delta R.T.: 0.005 min
Response: 116035091
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



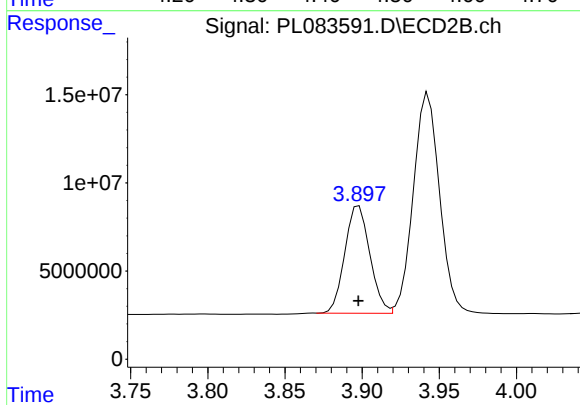
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 144800232
Conc: 48.10 ng/ml



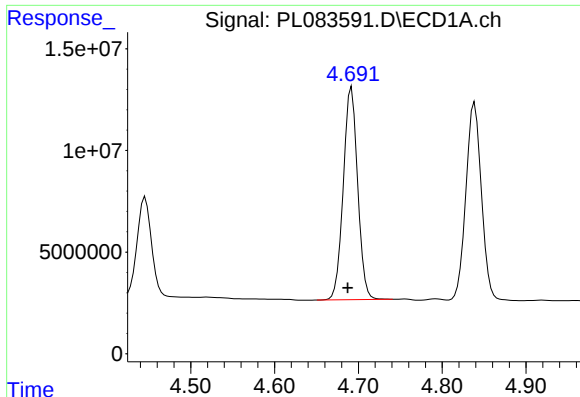
#6 beta-BHC

R.T.: 4.446 min
Delta R.T.: 0.006 min
Response: 58036844
Conc: 44.86 ng/ml



#6 beta-BHC

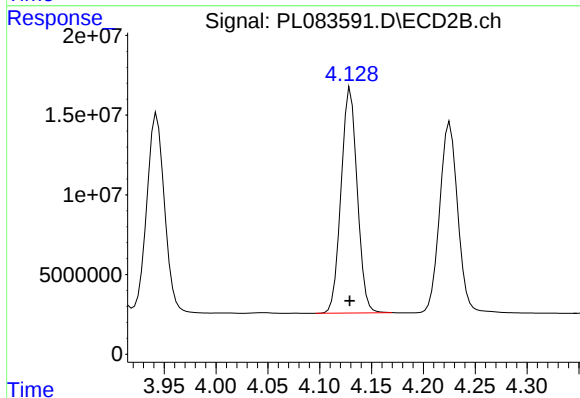
R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 68824016
Conc: 46.12 ng/ml



#7 delta-BHC

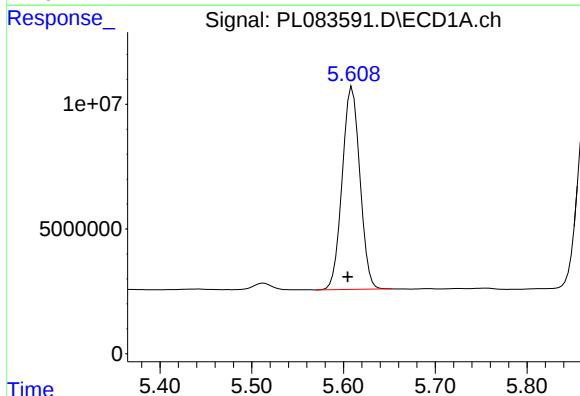
R.T.: 4.692 min
Delta R.T.: 0.005 min
Response: 124763804
Conc: 45.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



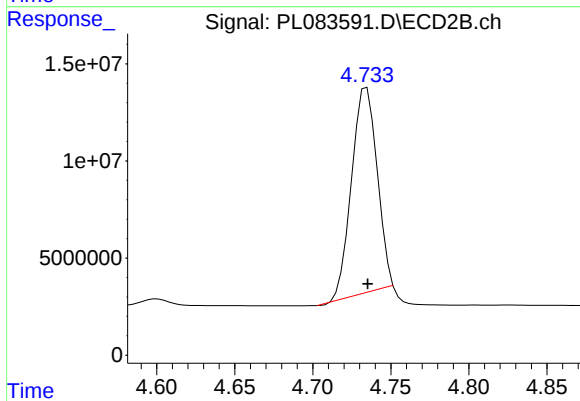
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 153294642
Conc: 47.56 ng/ml



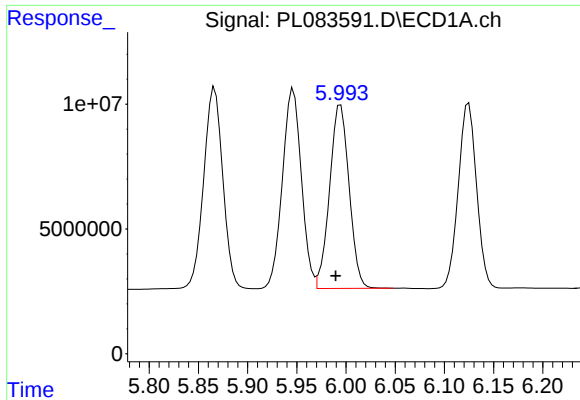
#8 Heptachlor epoxide

R.T.: 5.610 min
Delta R.T.: 0.005 min
Response: 108680060
Conc: 42.82 ng/ml



#8 Heptachlor epoxide

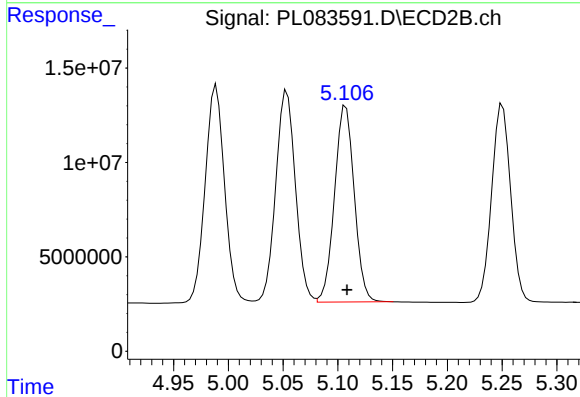
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 120831560
Conc: 42.09 ng/ml



#9 Endosulfan I

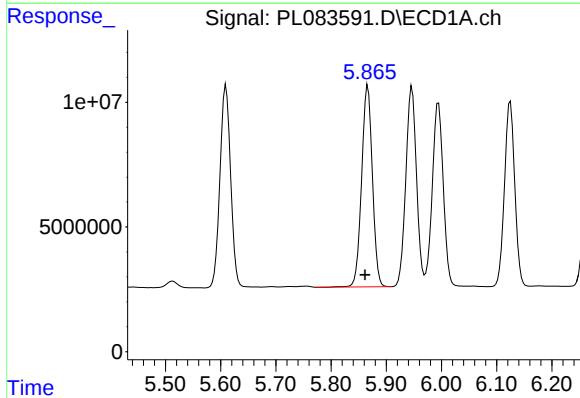
R.T.: 5.994 min
Delta R.T.: 0.005 min
Response: 101402058
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



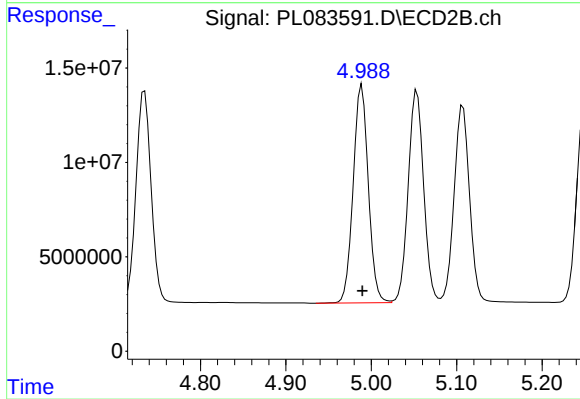
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 130347060
Conc: 48.37 ng/ml



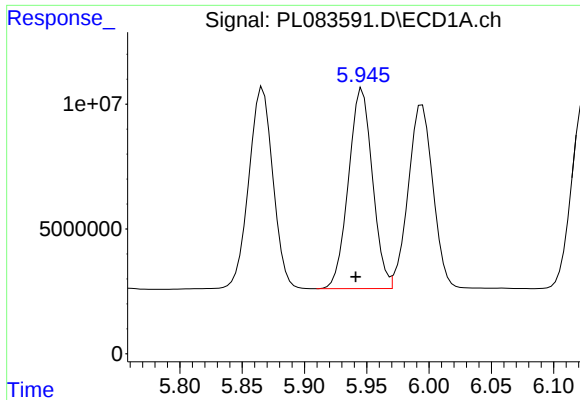
#10 gamma-Chlordane

R.T.: 5.867 min
Delta R.T.: 0.005 min
Response: 109328201
Conc: 45.45 ng/ml



#10 gamma-Chlordane

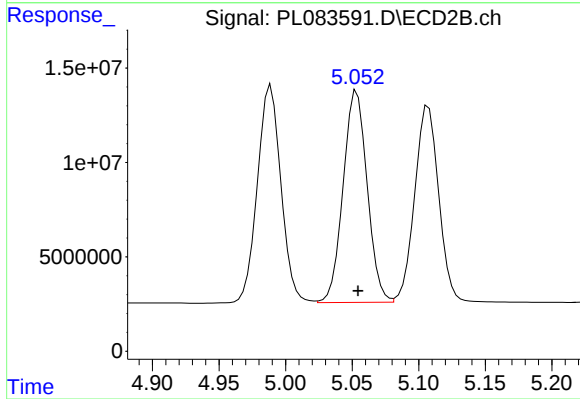
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 142361083
Conc: 48.12 ng/ml



#11 alpha-Chlordane

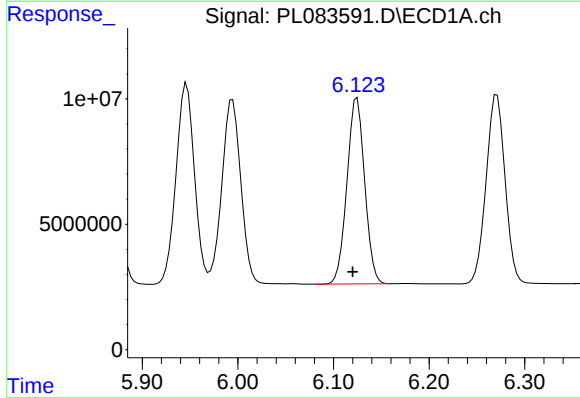
R.T.: 5.946 min
Delta R.T.: 0.005 min
Response: 107646364
Conc: 45.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



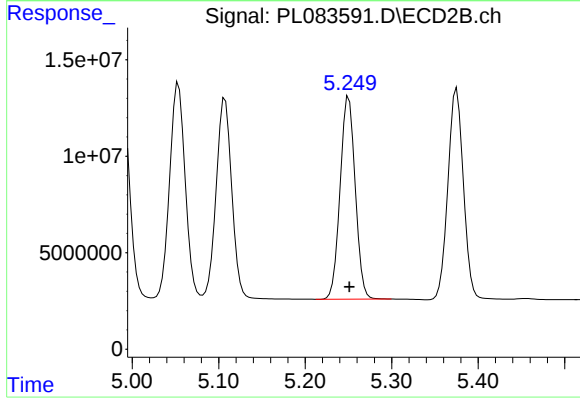
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 141115094
Conc: 47.70 ng/ml



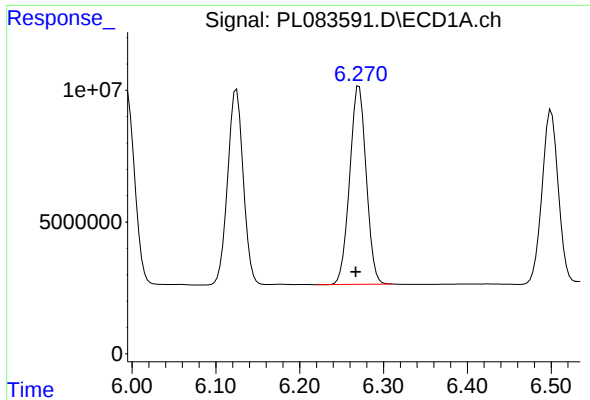
#12 4,4'-DDE

R.T.: 6.125 min
Delta R.T.: 0.005 min
Response: 95879581
Conc: 47.50 ng/ml



#12 4,4'-DDE

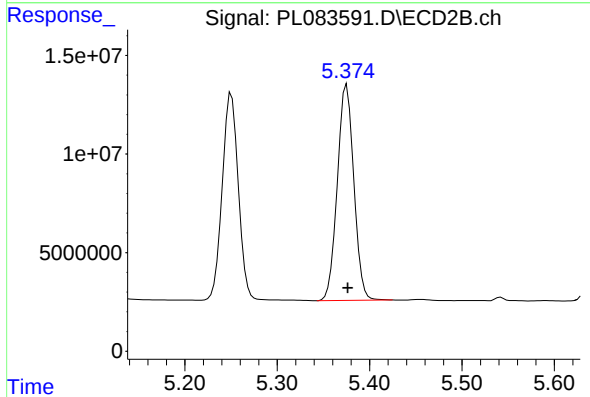
R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 126808127
Conc: 49.64 ng/ml



#13 Dieldrin

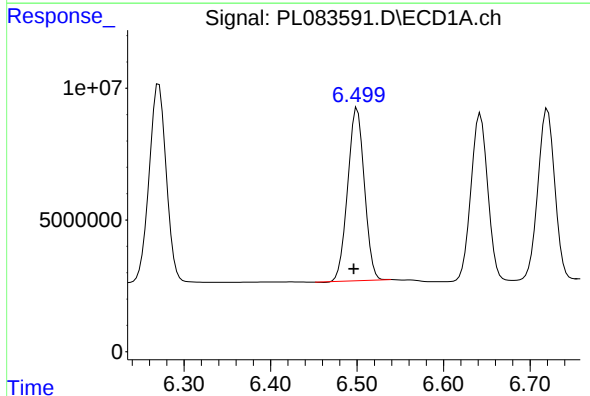
R.T.: 6.271 min
Delta R.T.: 0.004 min
Response: 103345163
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



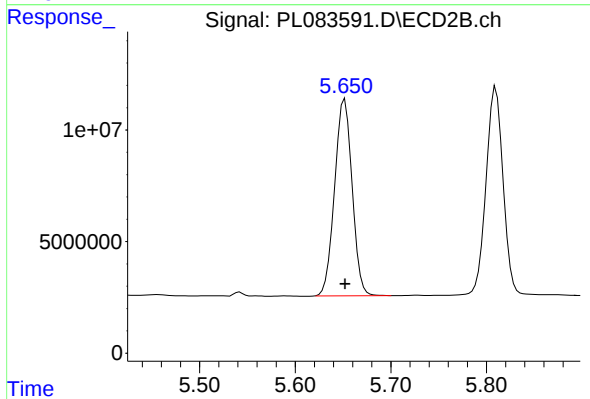
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.001 min
Response: 136192696
Conc: 48.57 ng/ml



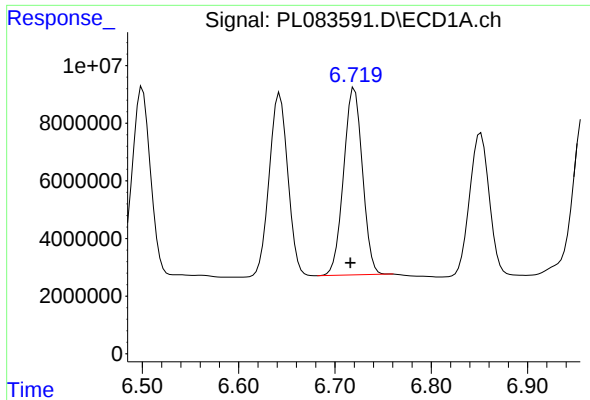
#14 Endrin

R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 87566993
Conc: 49.62 ng/ml



#14 Endrin

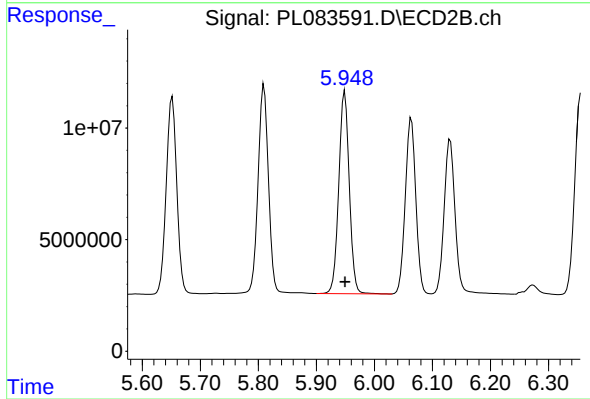
R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 112265494
Conc: 48.64 ng/ml



#15 Endosulfan II

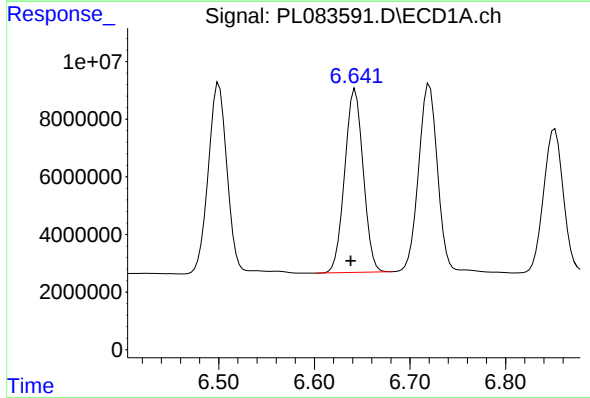
R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 87935277
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



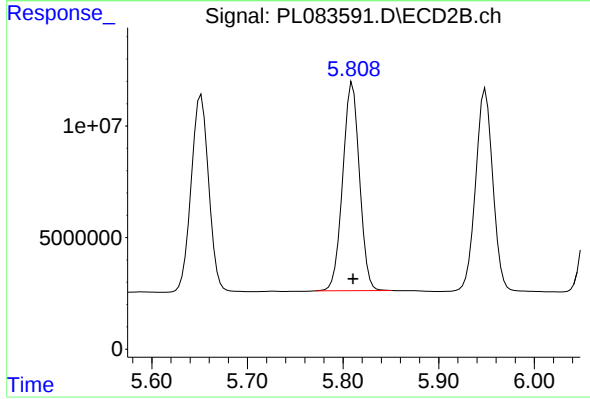
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 114557496
Conc: 48.26 ng/ml



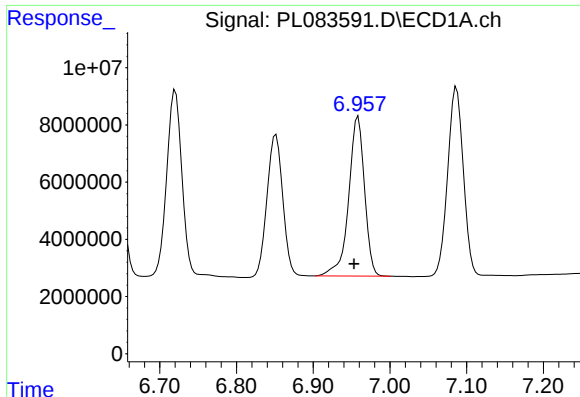
#16 4,4'-DDD

R.T.: 6.643 min
Delta R.T.: 0.005 min
Response: 85822024
Conc: 50.26 ng/ml



#16 4,4'-DDD

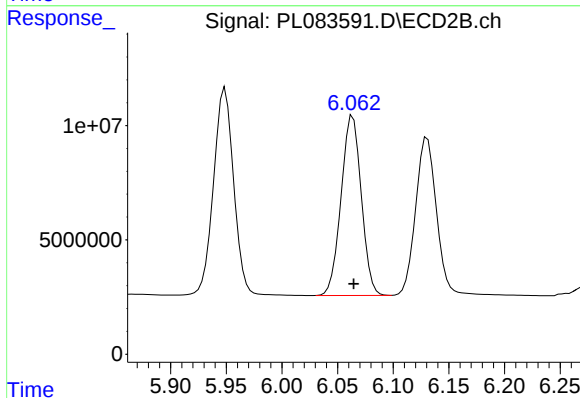
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 114342495
Conc: 51.85 ng/ml



#17 4,4'-DDT

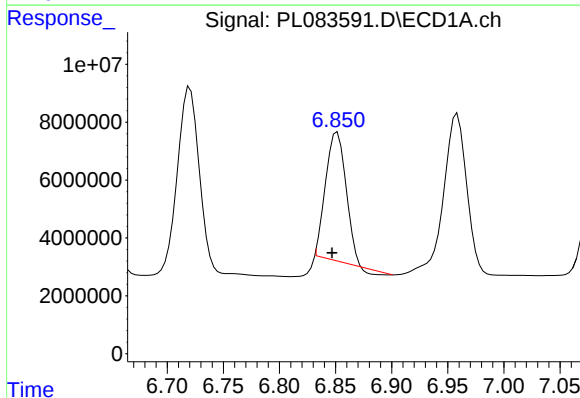
R.T.: 6.958 min
Delta R.T.: 0.005 min
Response: 80679480
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



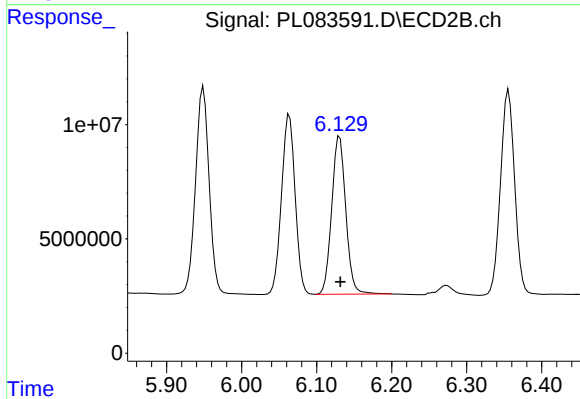
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 99396393
Conc: 47.61 ng/ml



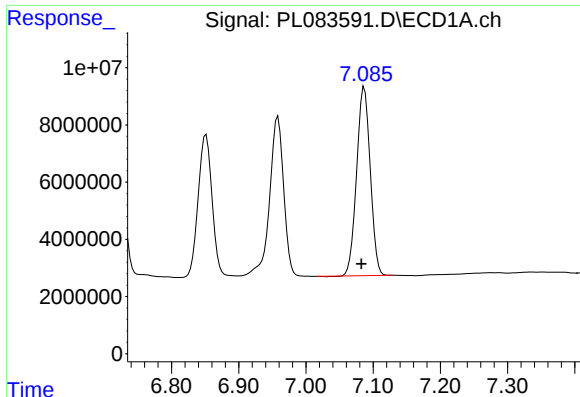
#18 Endrin aldehyde

R.T.: 6.851 min
Delta R.T.: 0.005 min
Response: 53912567
Conc: 36.37 ng/ml



#18 Endrin aldehyde

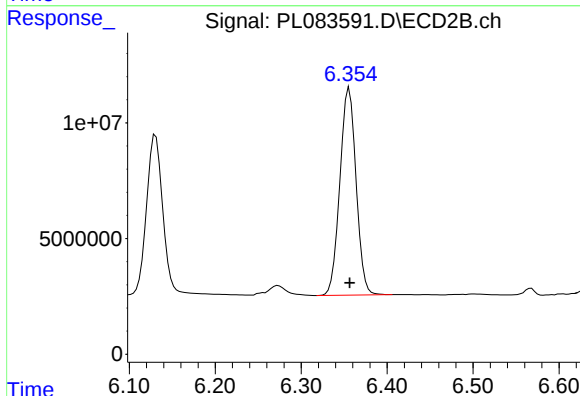
R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 90079837
Conc: 47.66 ng/ml



#19 Endosulfan Sulfate

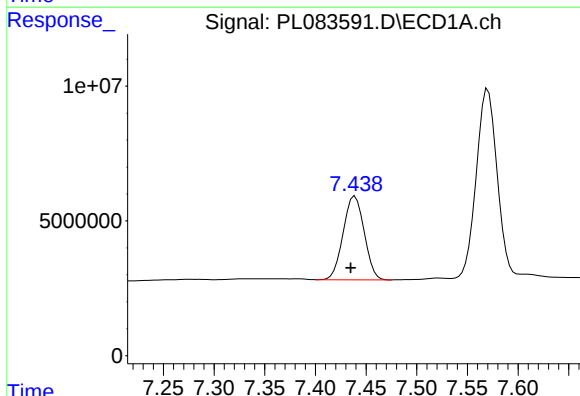
R.T.: 7.087 min
Delta R.T.: 0.004 min
Response: 93104254
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



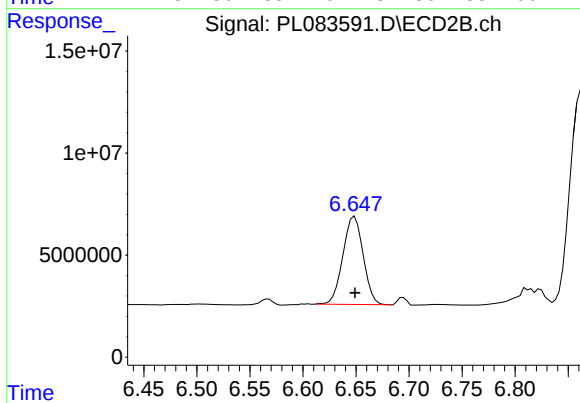
#19 Endosulfan Sulfate

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 117454678
Conc: 48.50 ng/ml



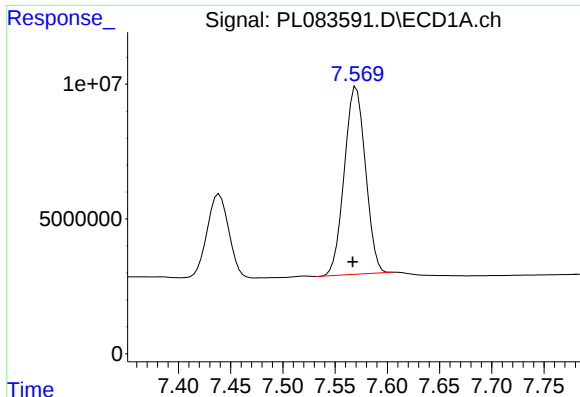
#20 Methoxychlor

R.T.: 7.439 min
Delta R.T.: 0.004 min
Response: 44779671
Conc: 49.37 ng/ml



#20 Methoxychlor

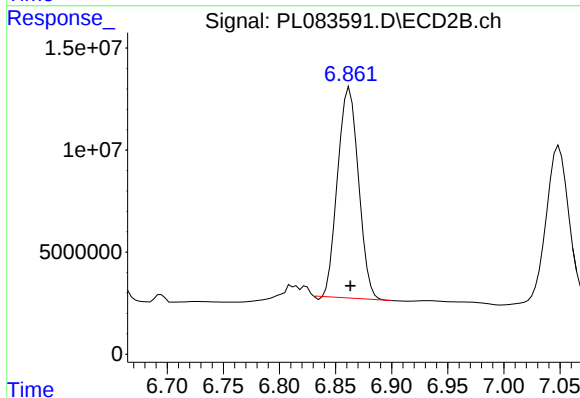
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 57419736
Conc: 47.64 ng/ml



#21 Endrin ketone

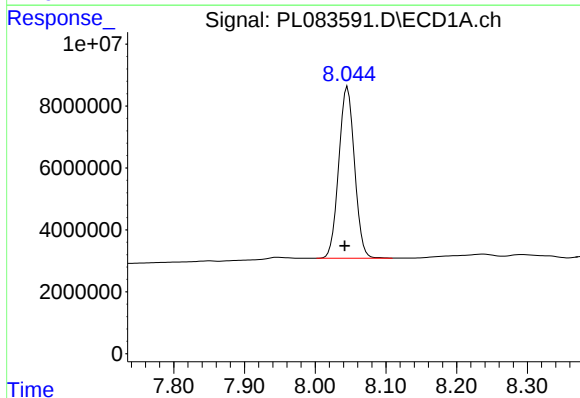
R.T.: 7.570 min
Delta R.T.: 0.004 min
Response: 97761998
Conc: 45.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



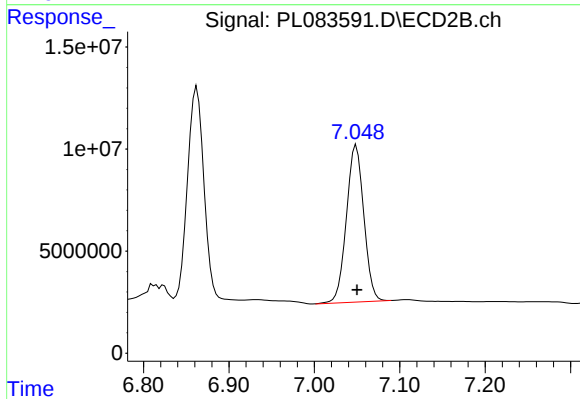
#21 Endrin ketone

R.T.: 6.862 min
Delta R.T.: 0.000 min
Response: 133303950
Conc: 47.42 ng/ml



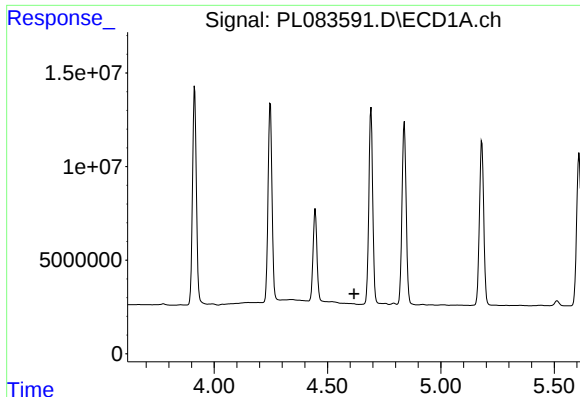
#22 Mirex

R.T.: 8.046 min
Delta R.T.: 0.004 min
Response: 85735192
Conc: 45.94 ng/ml



#22 Mirex

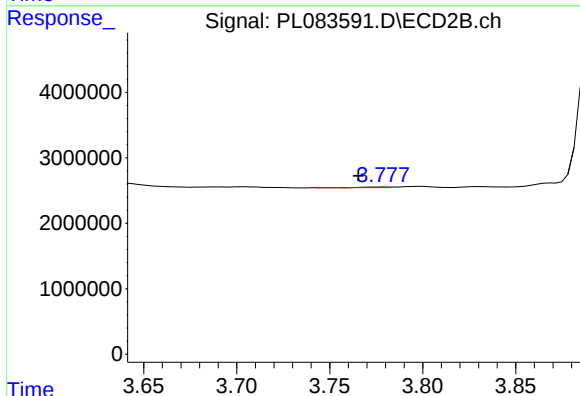
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 108945412
Conc: 45.27 ng/ml



#23 Chlordane-1

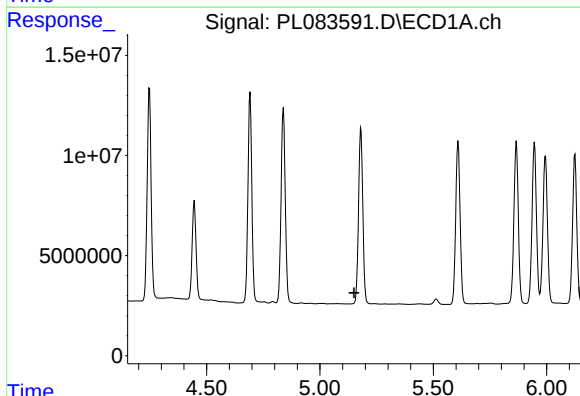
R.T.: 0.000 min
Exp R.T. : 4.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



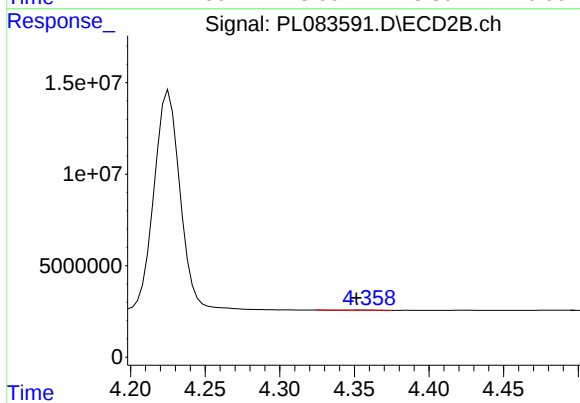
#23 Chlordane-1

R.T.: 3.778 min
Delta R.T.: 0.013 min
Response: 77334
Conc: 0.79 ng/ml



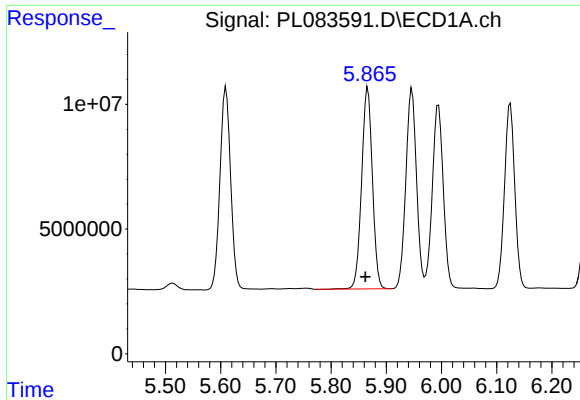
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.150 min
Response: 0
Conc: N.D.



#24 Chlordane-2

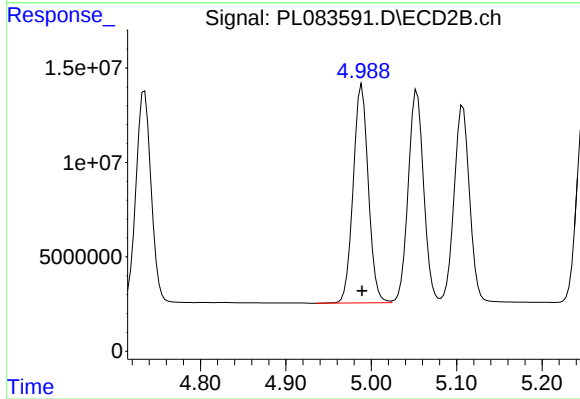
R.T.: 4.359 min
Delta R.T.: 0.008 min
Response: 116859
Conc: 0.97 ng/ml



#25 Chlordane-3

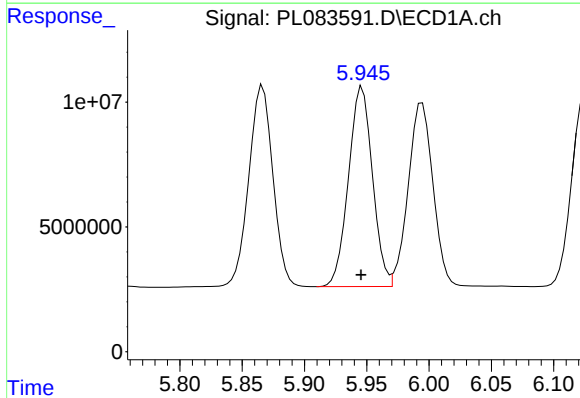
R.T.: 5.867 min
Delta R.T.: 0.004 min
Response: 109328201
Conc: 286.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



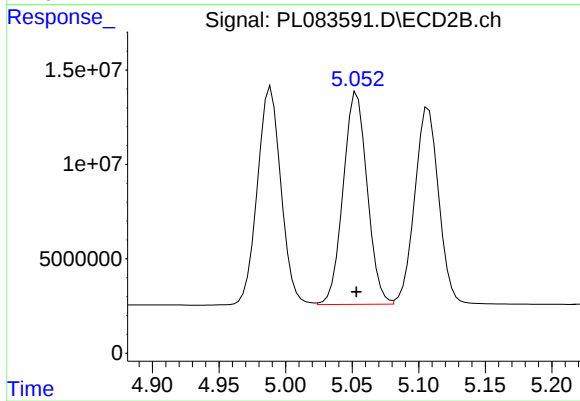
#25 Chlordane-3

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 142361083
Conc: 434.48 ng/ml



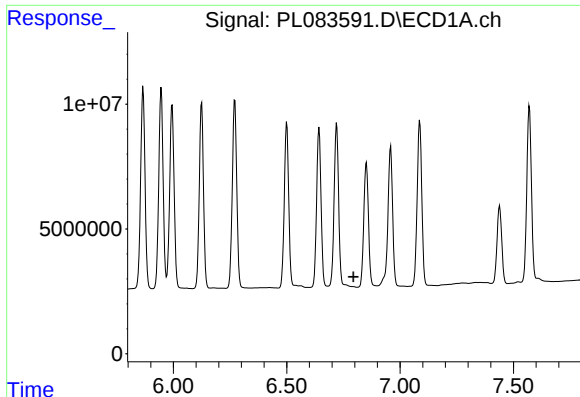
#26 Chlordane-4

R.T.: 5.946 min
Delta R.T.: 0.001 min
Response: 107646364
Conc: 232.79 ng/ml



#26 Chlordane-4

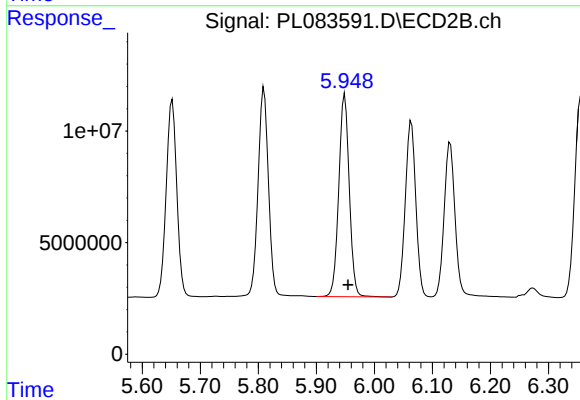
R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 141115094
Conc: 418.64 ng/ml



#27 Chlordane-5

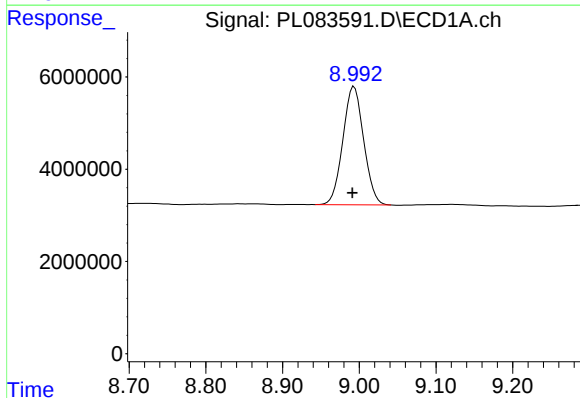
R.T.: 0.000 min
Exp R.T.: 6.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



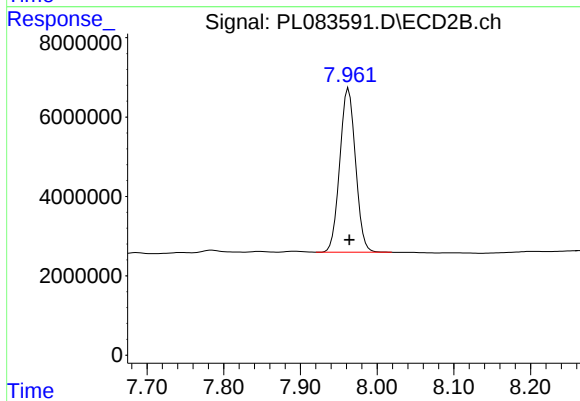
#27 Chlordane-5

R.T.: 5.949 min
Delta R.T.: -0.005 min
Response: 114557496
Conc: 1030.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: 0.002 min
Response: 48481008
Conc: 25.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.963 min
Delta R.T.: -0.001 min
Response: 58999631
Conc: 24.02 ng/ml