

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
 Data File : PL085450.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 20:19
 Operator : AR\AJ
 Sample : 04401-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:30:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 10:25:09 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...	3.411	2.650	56716197	26659388	17.029	17.525
28)	SA Decachlor...	8.942	7.824	51432764	31985420	15.110	16.338
Target Compounds							
2)	A alpha-BHC	3.867	3.153	229.8E6	108.8E6	46.635	46.709
3)	MA gamma-BHC...	4.200	3.482	208.8E6	107.5E6	42.728	46.655
4)	MA Heptachlor	4.790	3.821	227.5E6	107.9E6	49.364	50.168
5)	MB Aldrin	5.131	4.100	223.7E6	104.9E6	46.213	44.864
6)	B beta-BHC	4.401	3.785	94362885	46567112	45.317	48.455
7)	B delta-BHC	4.646	4.012	228.7E6	109.9E6	47.946	47.585
8)	B Heptachlo...	5.561	4.606	185.3E6	94985381	43.181	45.941
9)	A Endosulfan I	5.946	4.976	185.9E6	98855483	45.097	48.502
10)	B gamma-Chl...	5.819	4.858	227.5E6	108.8E6	51.868	51.309
11)	B alpha-Chl...	5.899	4.922	222.9E6	100.5E6	50.704	46.159
12)	B 4,4'-DDE	6.081	5.122	155.5E6	92033556	38.982	45.469
13)	MA Dieldrin	6.224	5.242	193.9E6	112.1E6	44.711	51.274
14)	MA Endrin	6.453	5.516	160.0E6	90992058	44.596	48.573
15)	B Endosulfa...	6.675	5.815	156.1E6	90542962	39.456	46.173
16)	A 4,4'-DDD	6.600	5.680	151.2E6	78024303	46.410	45.361
17)	MA 4,4'-DDT	6.916	5.932	178.4E6	88292755	49.678	48.459
18)	B Endrin al...	6.807	5.997	75444331	66632859	25.904	42.056 #
19)	B Endosulfa...	7.042	6.222	157.1E6	79331225	42.974	42.182
20)	A Methoxychlor	7.401	6.519	88771602	57416046	40.506	54.126 #
21)	B Endrin ke...	7.526	6.725	169.5E6	94474827	41.759	37.835
22)	Mirex	8.000	6.904	133.0E6	70277083	41.850	38.656
23)	Chlordane-1	4.556f	3.648	1860158	431745	12.641	7.748 #
24)	Chlordane-2	5.090f	4.237	7108248	290576	42.879	3.772 #
25)	Chlordane-3	5.819	4.858	227.5E6	108.8E6	358.691	526.115 #
26)	Chlordane-4	5.899	4.922	222.9E6	100.5E6	285.161	444.639 #
27)	Chlordane-5	6.766	5.604	990679	10333424	7.528	167.081 #

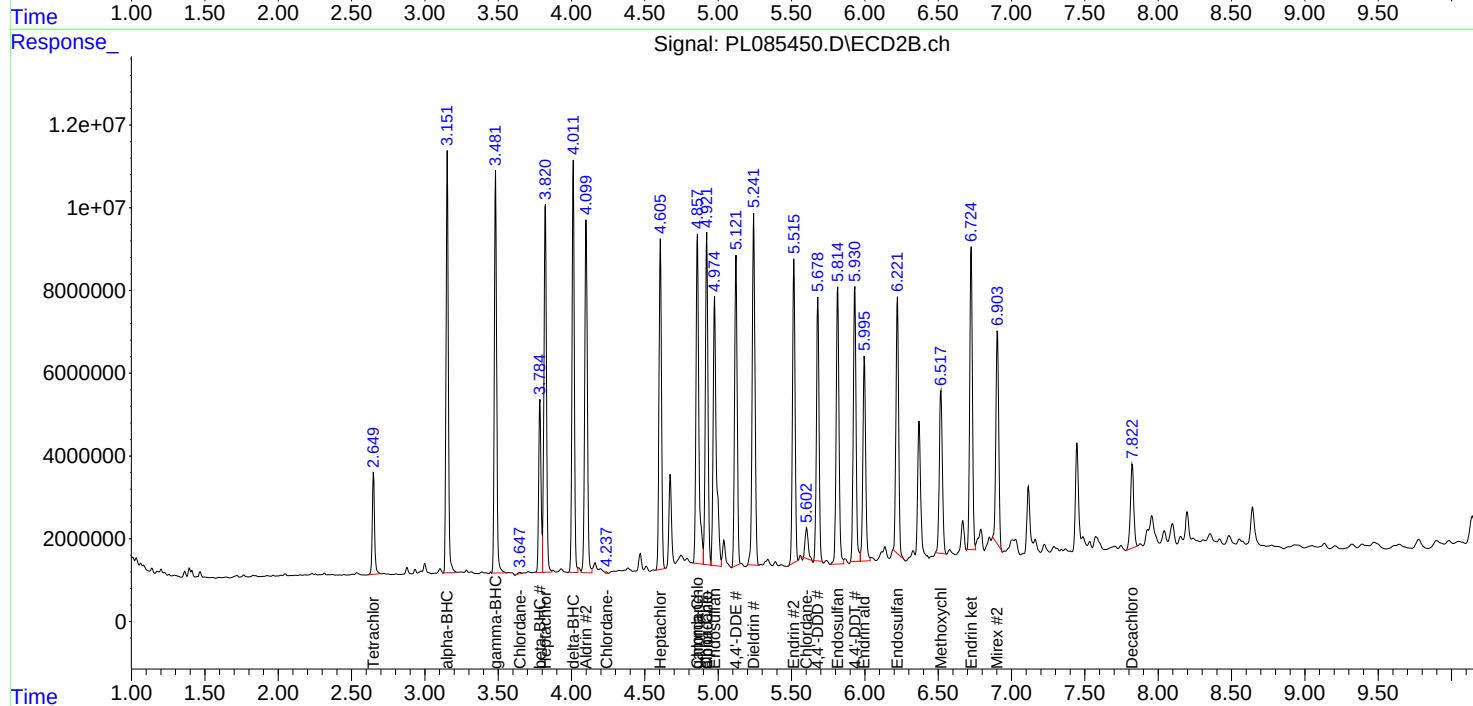
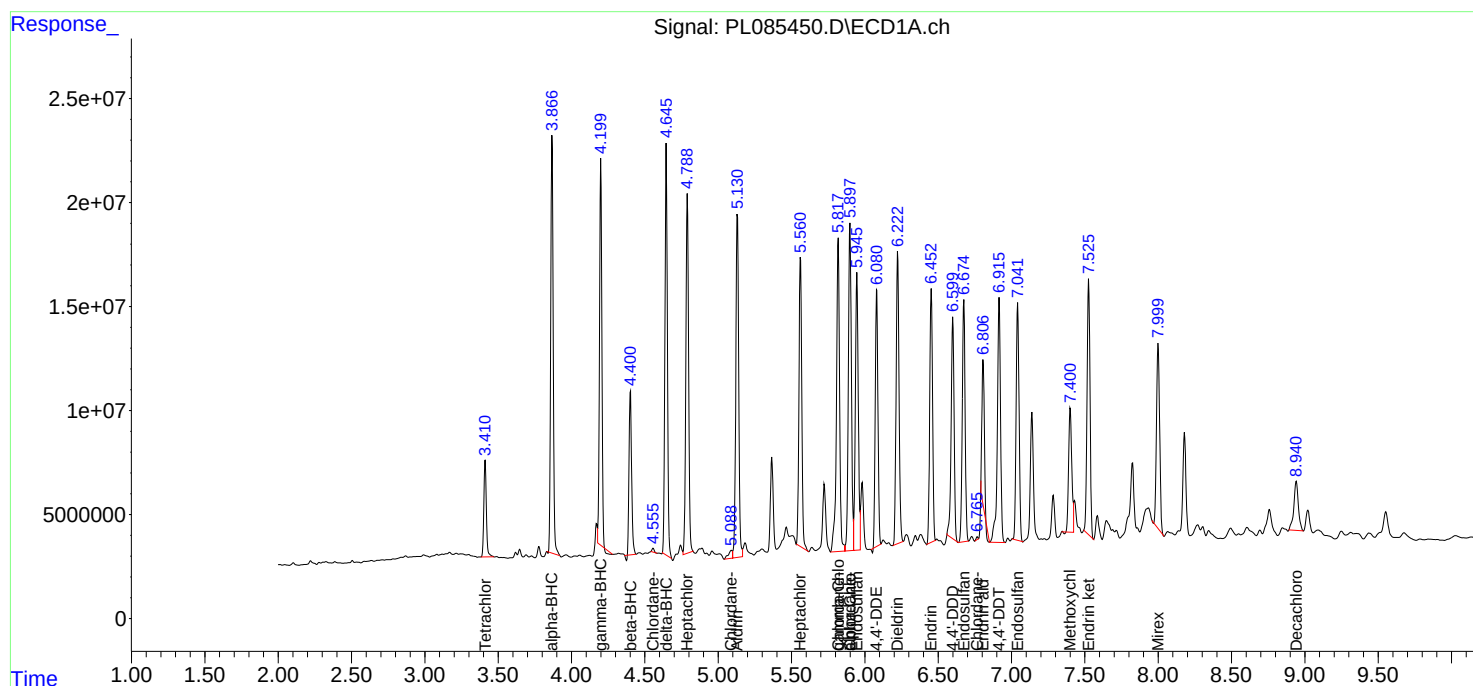
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

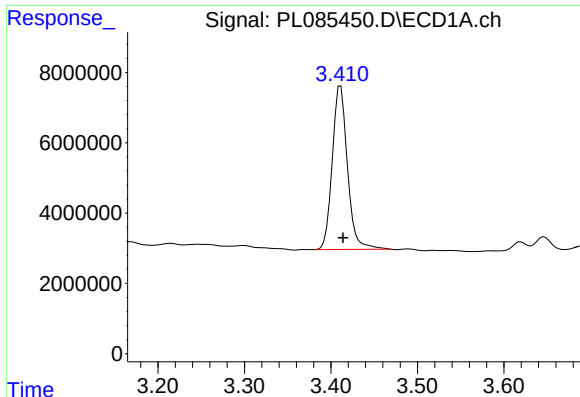
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

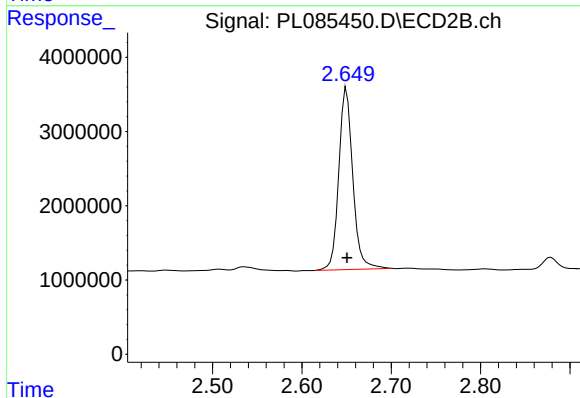




#1 Tetrachloro-m-xylene

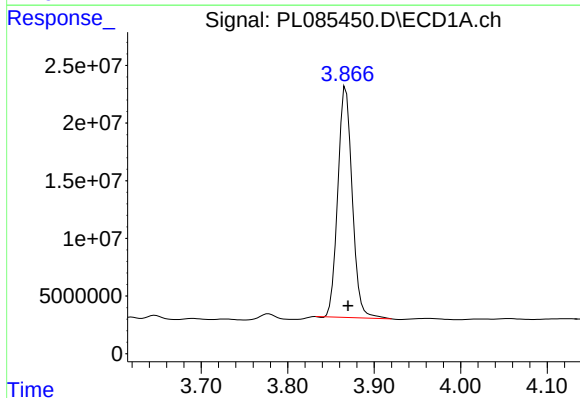
R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 56716197
Conc: 17.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



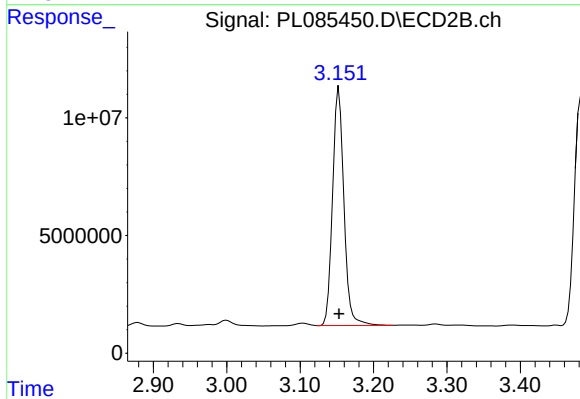
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.000 min
Response: 26659388
Conc: 17.52 ng/ml



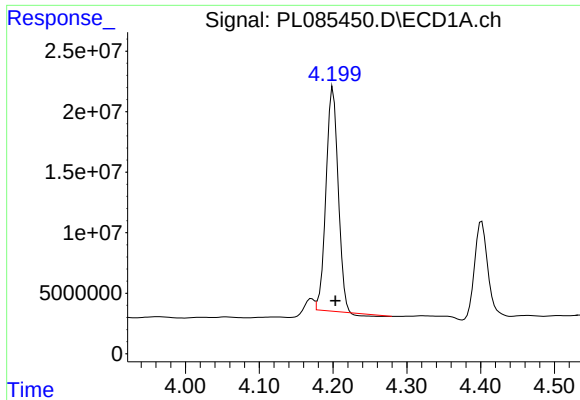
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.003 min
Response: 229827086
Conc: 46.63 ng/ml



#2 alpha-BHC

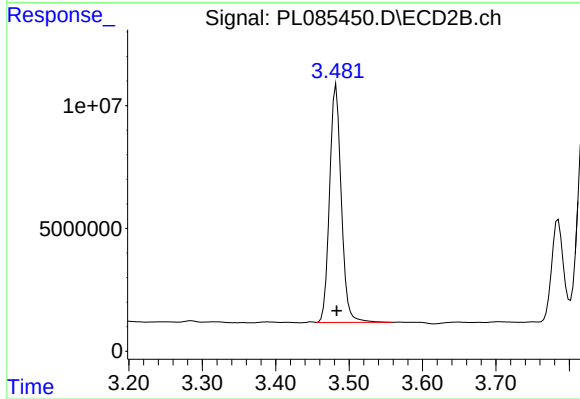
R.T.: 3.153 min
Delta R.T.: 0.000 min
Response: 108835371
Conc: 46.71 ng/ml



#3 gamma-BHC (Lindane)

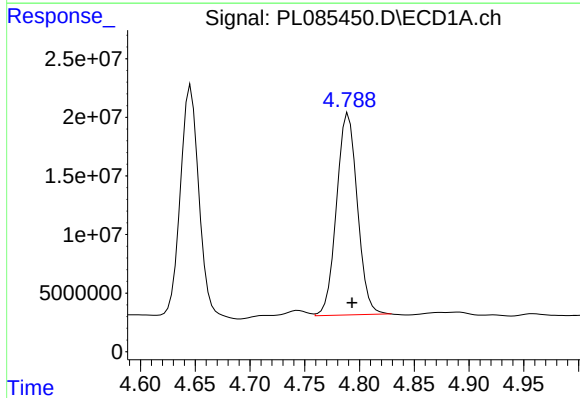
R.T.: 4.200 min
Delta R.T.: -0.003 min
Response: 208848188
Conc: 42.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



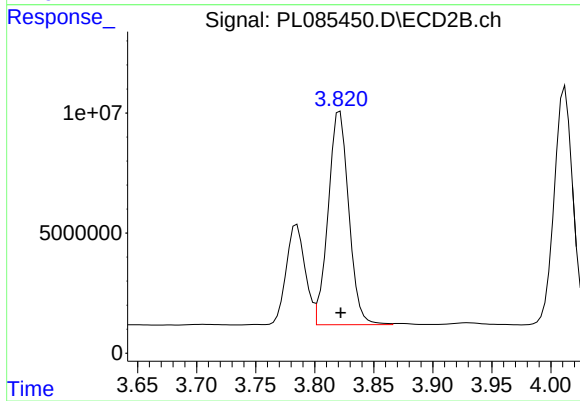
#3 gamma-BHC (Lindane)

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 107470468
Conc: 46.65 ng/ml



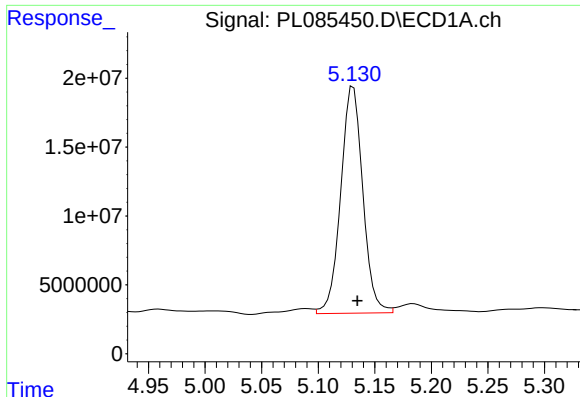
#4 Heptachlor

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 227522245
Conc: 49.36 ng/ml



#4 Heptachlor

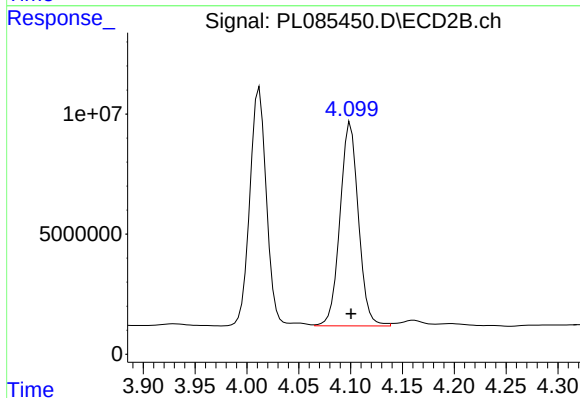
R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 107891633
Conc: 50.17 ng/ml



#5 Aldrin

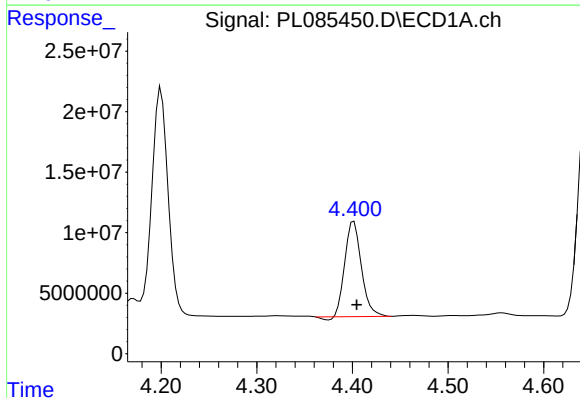
R.T.: 5.131 min
Delta R.T.: -0.004 min
Response: 223706192
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



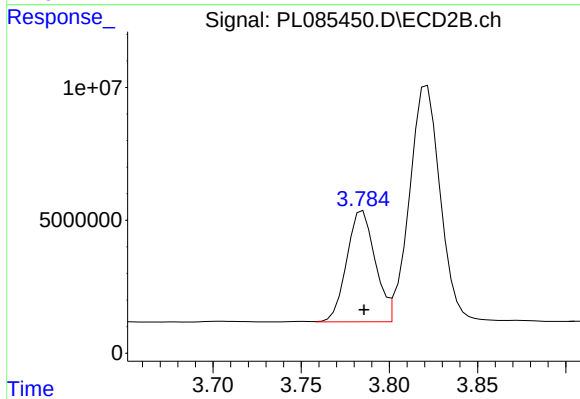
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 104946749
Conc: 44.86 ng/ml



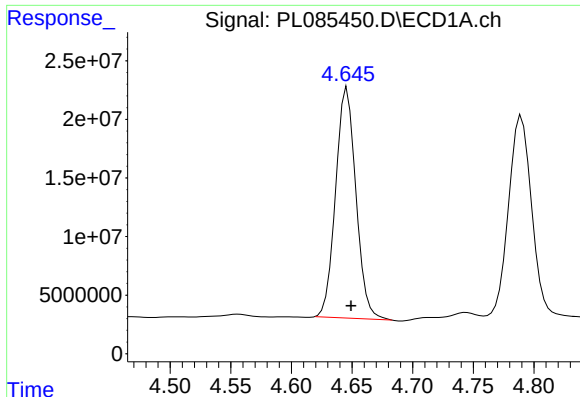
#6 beta-BHC

R.T.: 4.401 min
Delta R.T.: -0.003 min
Response: 94362885
Conc: 45.32 ng/ml



#6 beta-BHC

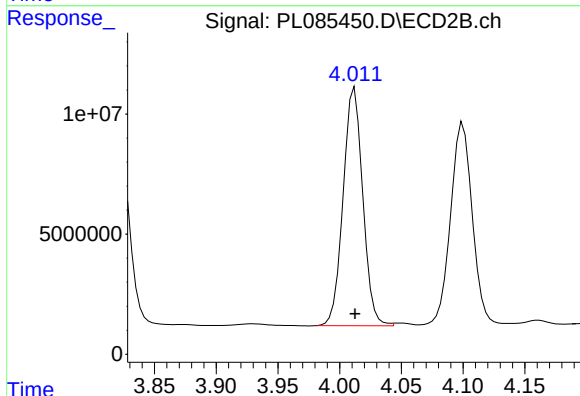
R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 46567112
Conc: 48.46 ng/ml



#7 delta-BHC

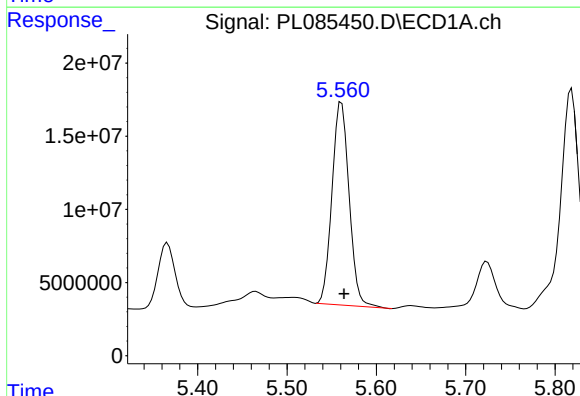
R.T.: 4.646 min
Delta R.T.: -0.003 min
Response: 228698401
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



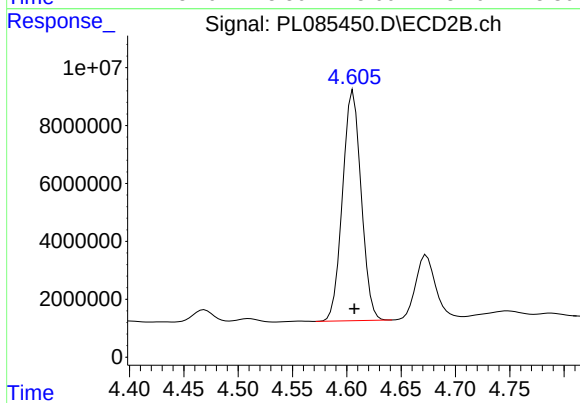
#7 delta-BHC

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 109878313
Conc: 47.58 ng/ml



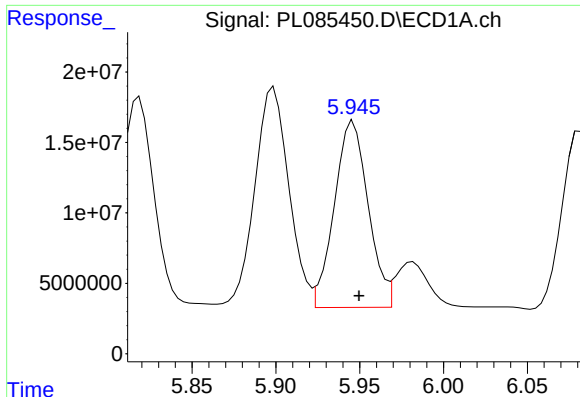
#8 Heptachlor epoxide

R.T.: 5.561 min
Delta R.T.: -0.003 min
Response: 185284579
Conc: 43.18 ng/ml



#8 Heptachlor epoxide

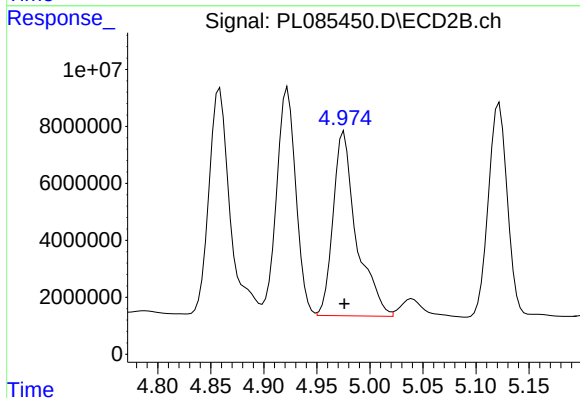
R.T.: 4.606 min
Delta R.T.: -0.001 min
Response: 94985381
Conc: 45.94 ng/ml



#9 Endosulfan I

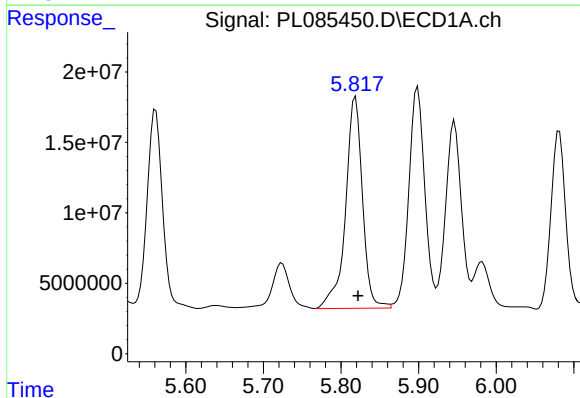
R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 185888370
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



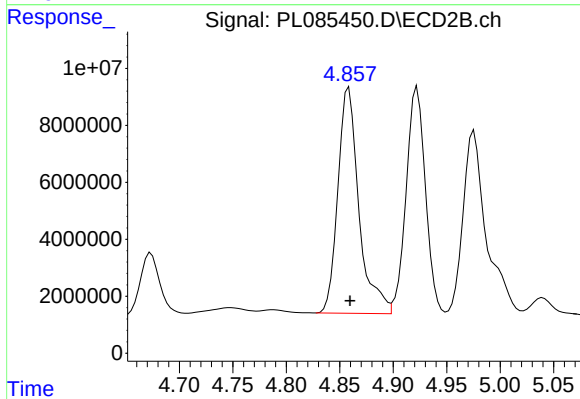
#9 Endosulfan I

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 98855483
Conc: 48.50 ng/ml



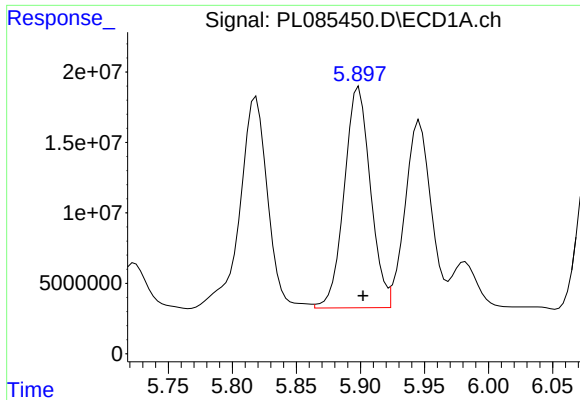
#10 gamma-Chlordane

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 227483772
Conc: 51.87 ng/ml



#10 gamma-Chlordane

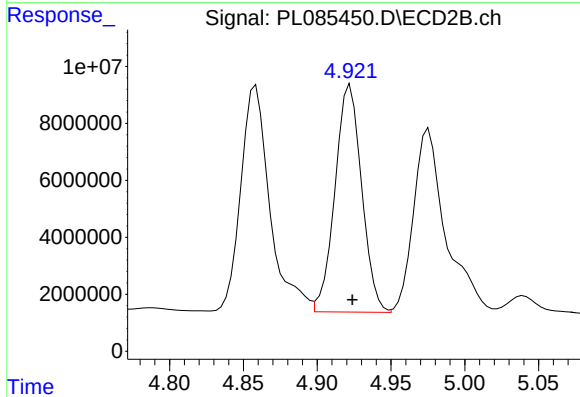
R.T.: 4.858 min
Delta R.T.: -0.001 min
Response: 108816303
Conc: 51.31 ng/ml



#11 alpha-Chlordane

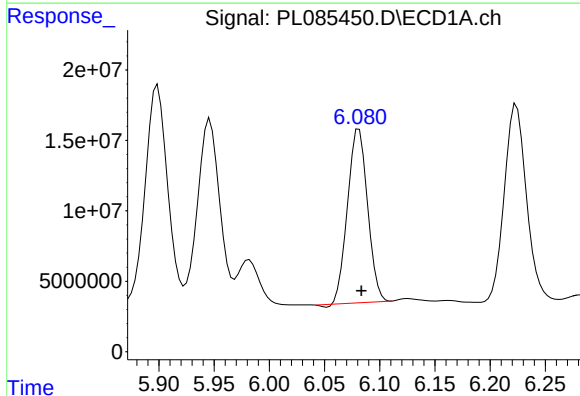
R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 222888746
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



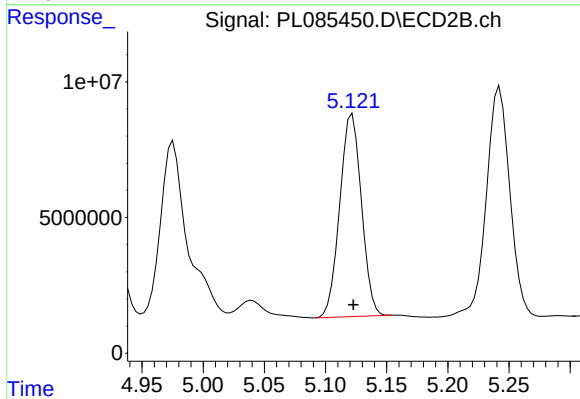
#11 alpha-Chlordane

R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 100480740
Conc: 46.16 ng/ml



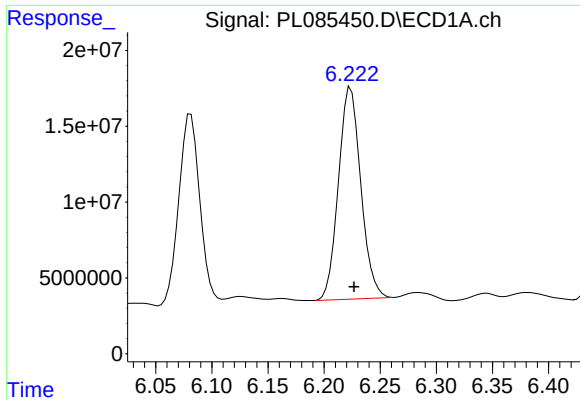
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 155517571
Conc: 38.98 ng/ml



#12 4,4'-DDE

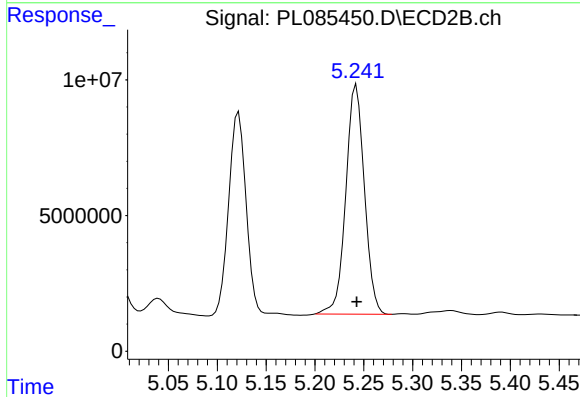
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 92033556
Conc: 45.47 ng/ml



#13 Dieldrin

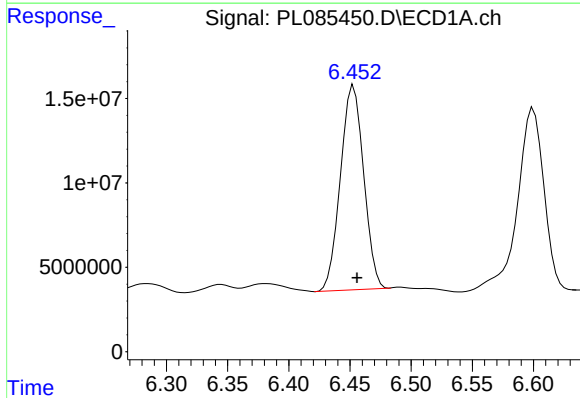
R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 193947001
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



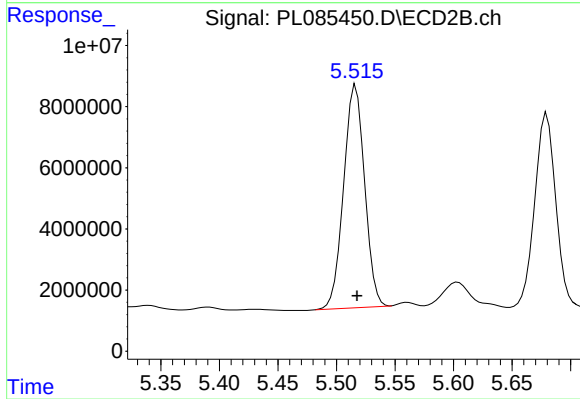
#13 Dieldrin

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 112142688
Conc: 51.27 ng/ml



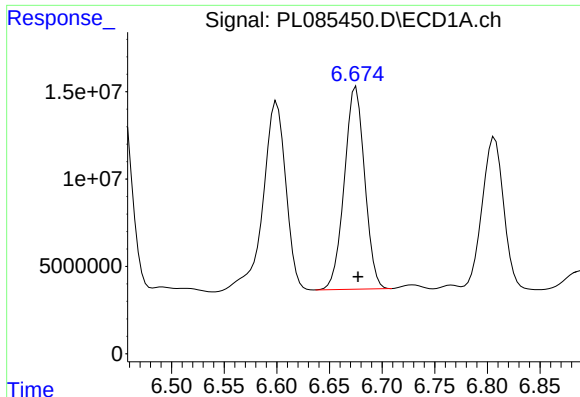
#14 Endrin

R.T.: 6.453 min
Delta R.T.: -0.003 min
Response: 160013719
Conc: 44.60 ng/ml



#14 Endrin

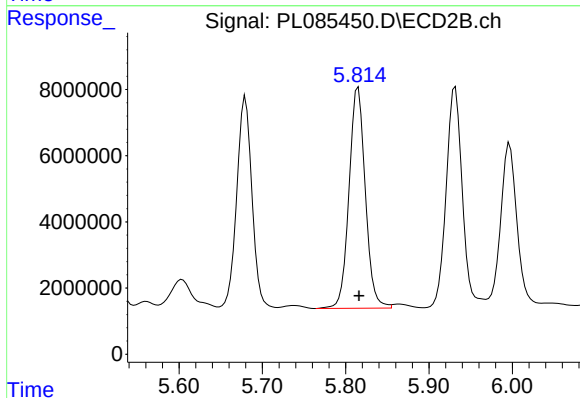
R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 90992058
Conc: 48.57 ng/ml



#15 Endosulfan II

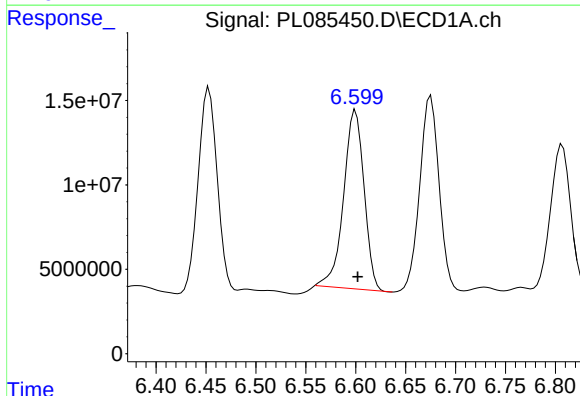
R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 156112580
Conc: 39.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



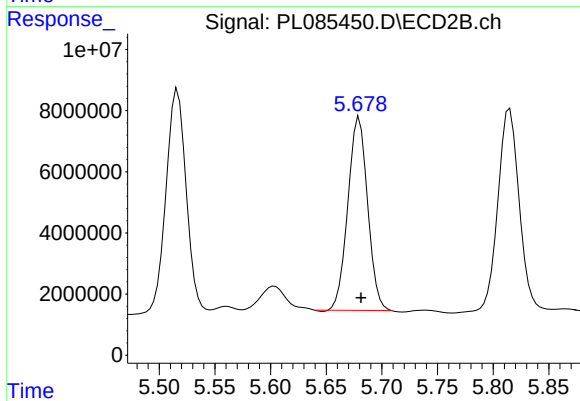
#15 Endosulfan II

R.T.: 5.815 min
Delta R.T.: -0.001 min
Response: 90542962
Conc: 46.17 ng/ml



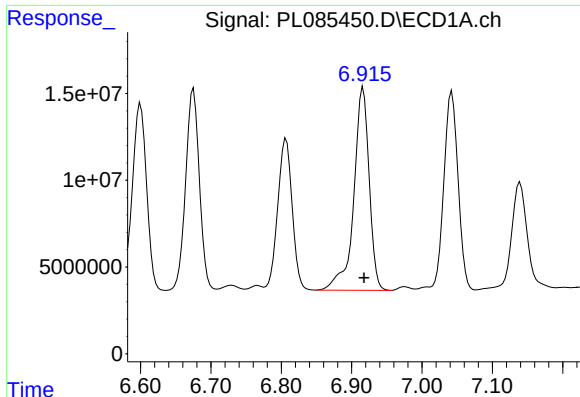
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 151219072
Conc: 46.41 ng/ml



#16 4,4'-DDD

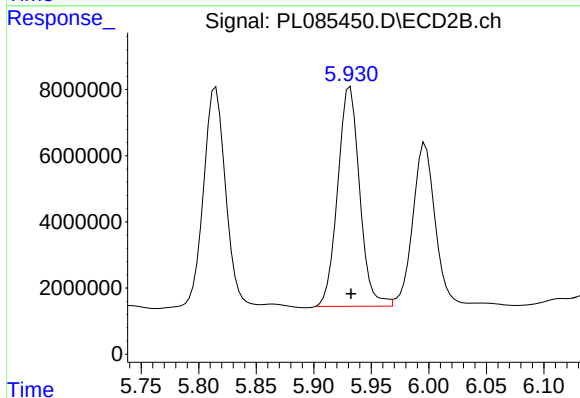
R.T.: 5.680 min
Delta R.T.: -0.001 min
Response: 78024303
Conc: 45.36 ng/ml



#17 4,4'-DDT

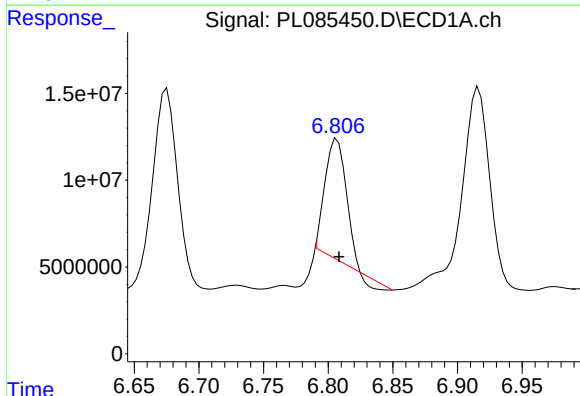
R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 178350181
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



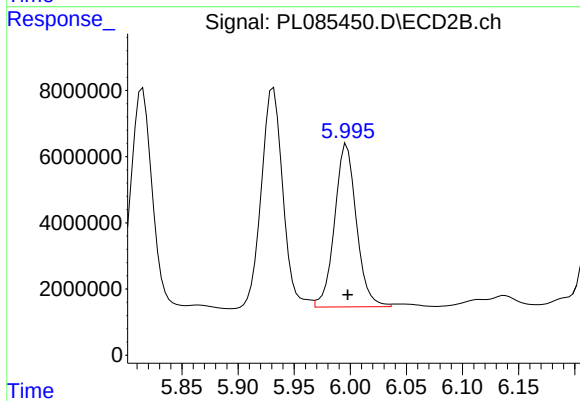
#17 4,4'-DDT

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 88292755
Conc: 48.46 ng/ml



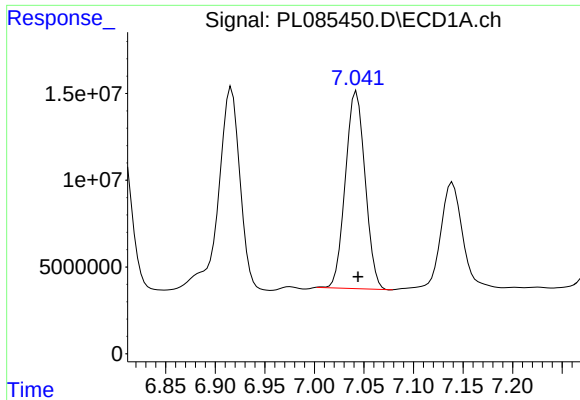
#18 Endrin aldehyde

R.T.: 6.807 min
Delta R.T.: -0.002 min
Response: 75444331
Conc: 25.90 ng/ml



#18 Endrin aldehyde

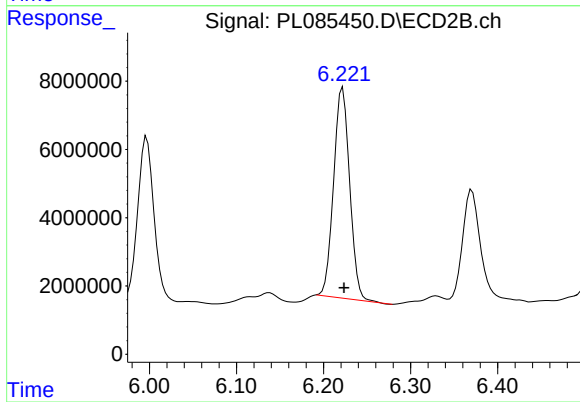
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 66632859
Conc: 42.06 ng/ml



#19 Endosulfan Sulfate

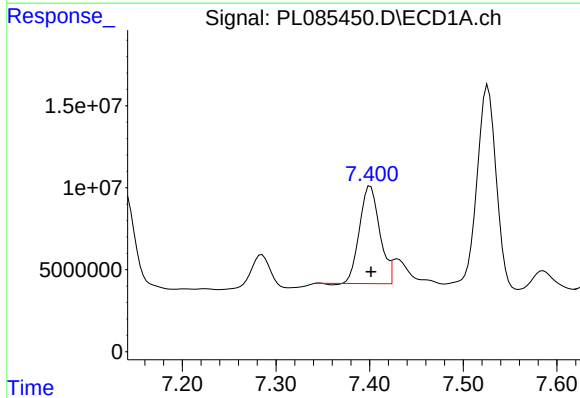
R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 157129597
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



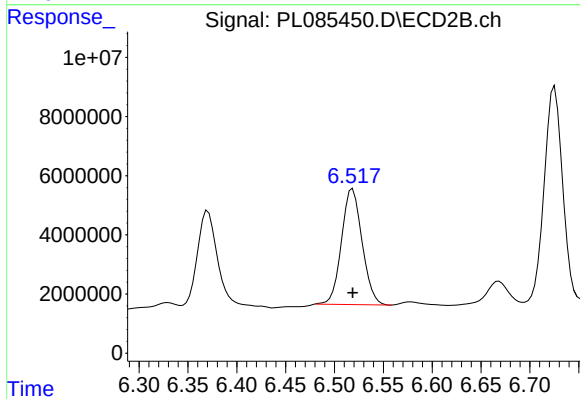
#19 Endosulfan Sulfate

R.T.: 6.222 min
Delta R.T.: -0.001 min
Response: 79331225
Conc: 42.18 ng/ml



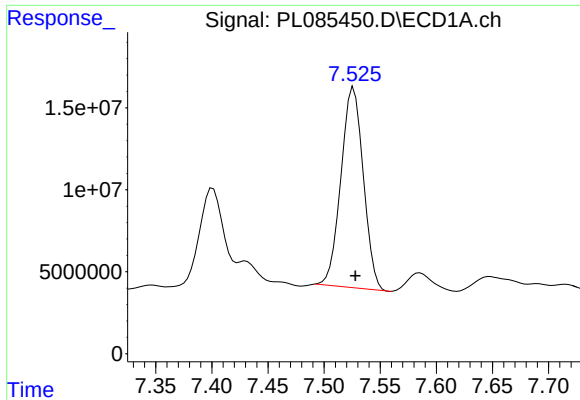
#20 Methoxychlor

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 88771602
Conc: 40.51 ng/ml



#20 Methoxychlor

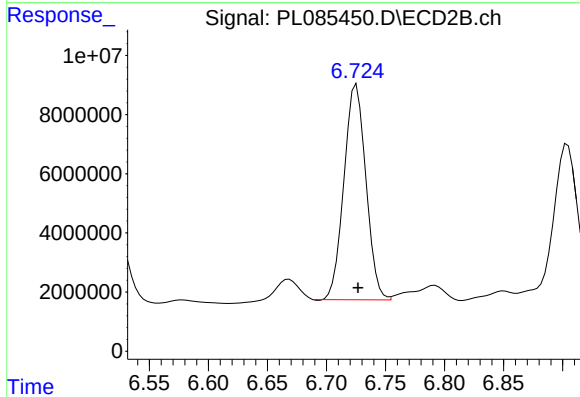
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 57416046
Conc: 54.13 ng/ml



#21 Endrin ketone

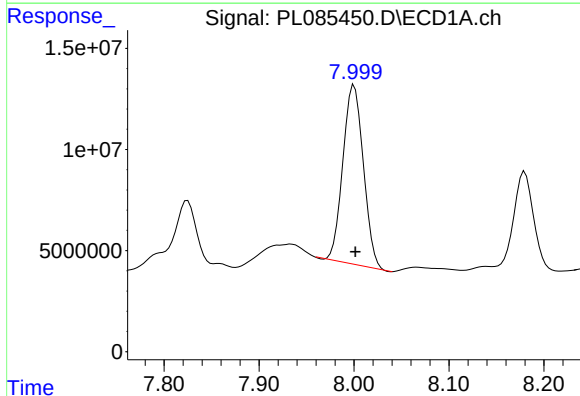
R.T.: 7.526 min
Delta R.T.: -0.001 min
Response: 169517488
Conc: 41.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



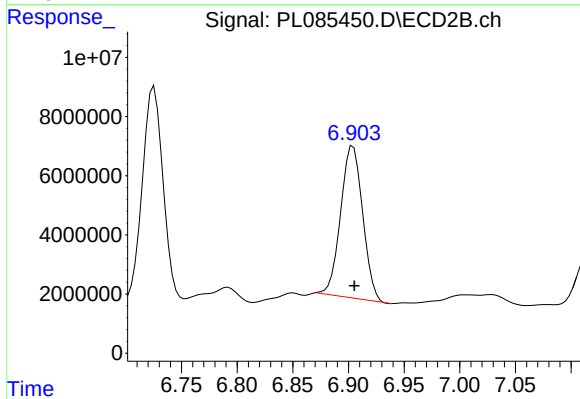
#21 Endrin ketone

R.T.: 6.725 min
Delta R.T.: -0.001 min
Response: 94474827
Conc: 37.84 ng/ml



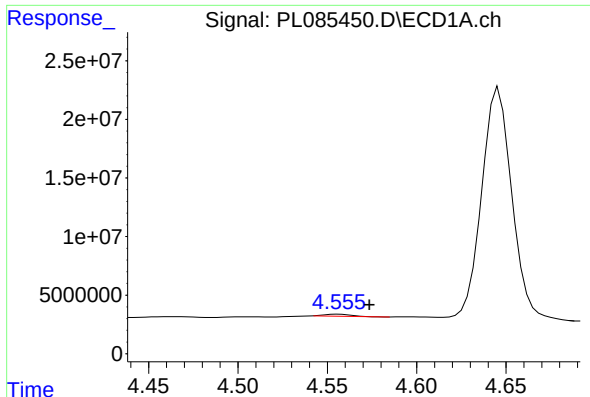
#22 Mirex

R.T.: 8.000 min
Delta R.T.: -0.001 min
Response: 133039799
Conc: 41.85 ng/ml



#22 Mirex

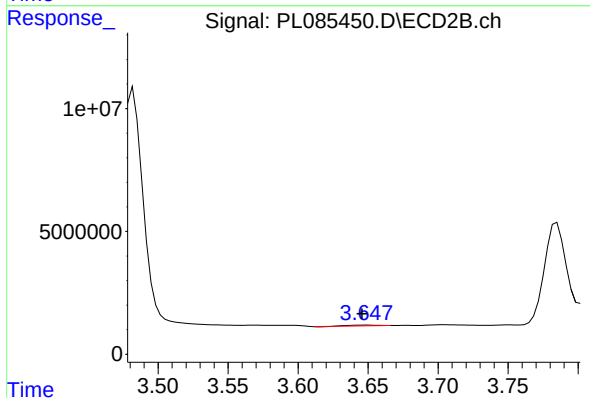
R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 70277083
Conc: 38.66 ng/ml



#23 Chlordane-1

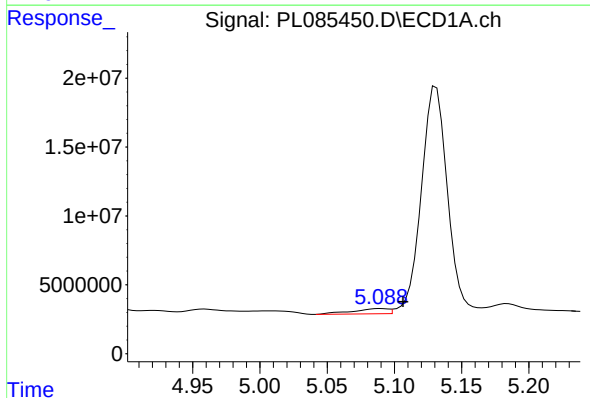
R.T.: 4.556 min
Delta R.T.: -0.017 min
Response: 1860158
Conc: 12.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



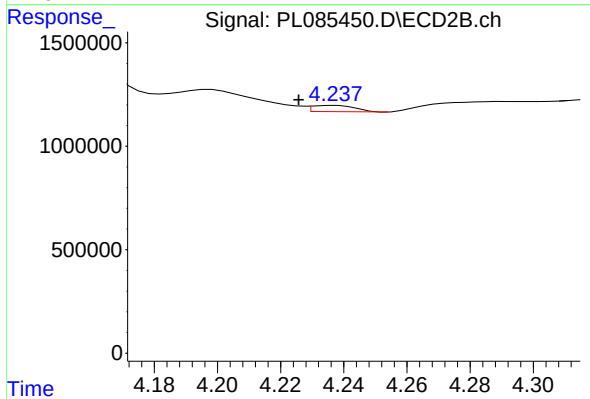
#23 Chlordane-1

R.T.: 3.648 min
Delta R.T.: 0.002 min
Response: 431745
Conc: 7.75 ng/ml



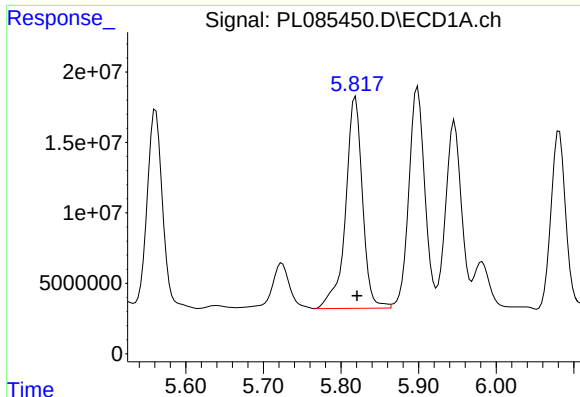
#24 Chlordane-2

R.T.: 5.090 min
Delta R.T.: -0.017 min
Response: 7108248
Conc: 42.88 ng/ml



#24 Chlordane-2

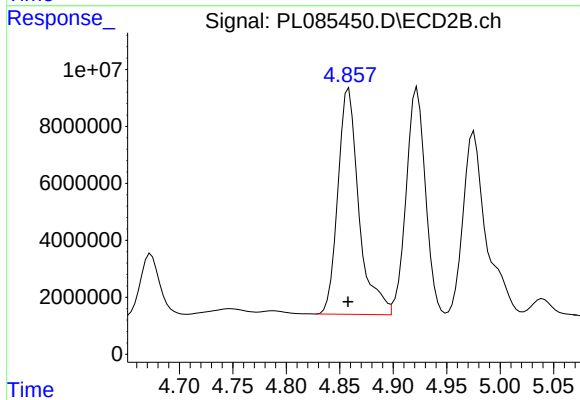
R.T.: 4.237 min
Delta R.T.: 0.012 min
Response: 290576
Conc: 3.77 ng/ml



#25 Chlordane-3

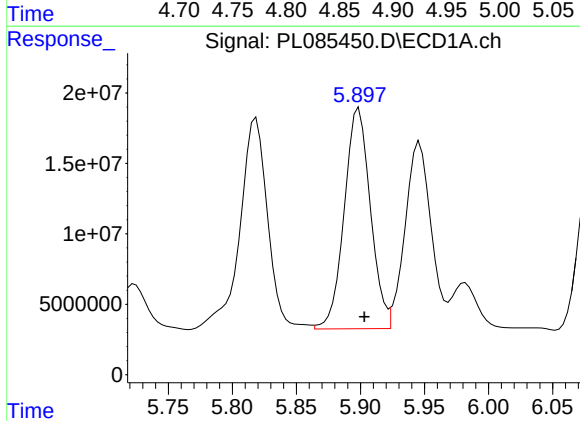
R.T.: 5.819 min
Delta R.T.: -0.002 min
Response: 227483772
Conc: 358.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



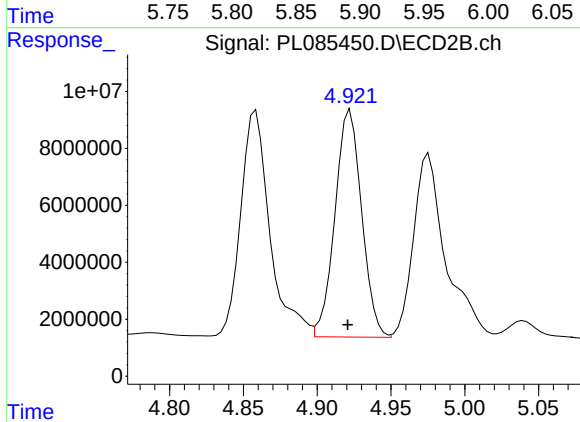
#25 Chlordane-3

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 108816303
Conc: 526.12 ng/ml



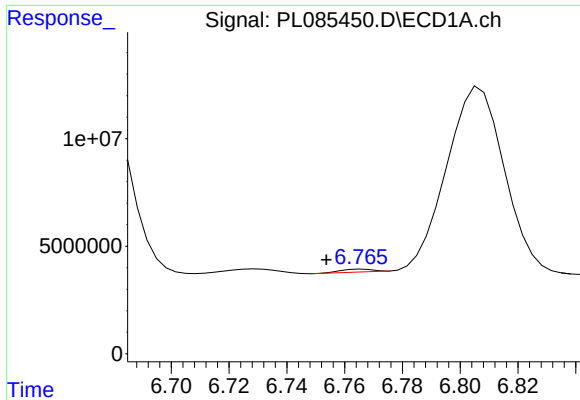
#26 Chlordane-4

R.T.: 5.899 min
Delta R.T.: -0.004 min
Response: 222888746
Conc: 285.16 ng/ml



#26 Chlordane-4

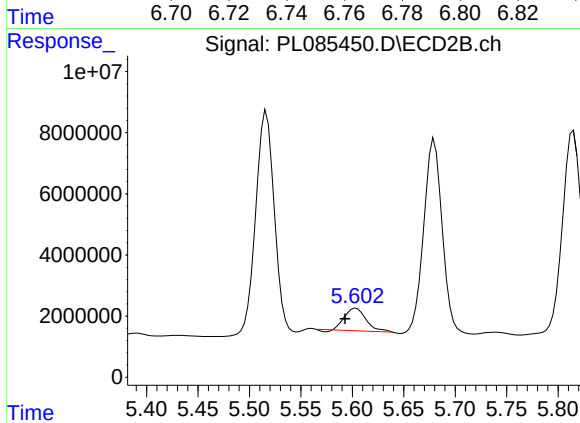
R.T.: 4.922 min
Delta R.T.: 0.002 min
Response: 100480740
Conc: 444.64 ng/ml



#27 Chlordane-5

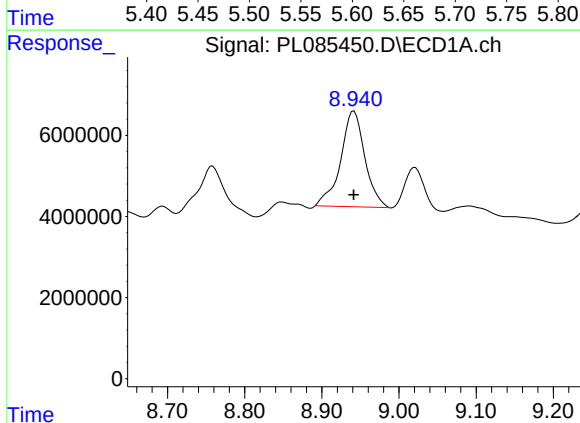
R.T.: 6.766 min
Delta R.T.: 0.013 min
Response: 990679
Conc: 7.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



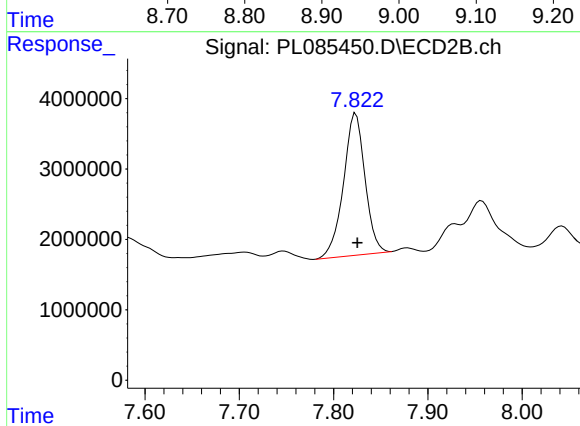
#27 Chlordane-5

R.T.: 5.604 min
Delta R.T.: 0.011 min
Response: 10333424
Conc: 167.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.942 min
Delta R.T.: 0.000 min
Response: 51432764
Conc: 15.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 31985420
Conc: 16.34 ng/ml