

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
 Data File : PL082235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 09:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:30:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.326	2.650	147.3E6	120.2E6	55.148	51.885
28)	SA Decachlor...	8.749	7.765	101.1E6	114.4E6	52.972	50.100
Target Compounds							
2)	A alpha-BHC	3.776	3.148	228.7E6	179.9E6	57.469	52.862
3)	MA gamma-BHC...	4.104	3.475	211.8E6	170.0E6	56.649	52.871
4)	MA Heptachlor	4.683	3.808	204.0E6	179.2E6	55.822	52.336
5)	MB Aldrin	5.019	4.085	184.2E6	165.4E6	55.845	52.517
6)	B beta-BHC	4.307	3.775	89379624	70751774	52.407	51.856
7)	B delta-BHC	4.549	4.002	202.3E6	162.1E6	56.217	52.835
8)	B Heptachlo...	5.446	4.587	165.2E6	149.2E6	54.172	51.797
9)	A Endosulfan I	5.827	4.955	150.6E6	138.6E6	54.324	51.934
10)	B gamma-Chl...	5.701	4.836	167.8E6	150.9E6	55.814	52.006
11)	B alpha-Chl...	5.779	4.899	162.5E6	150.4E6	54.439	51.798
12)	B 4,4'-DDE	5.957	5.090	140.5E6	122.2E6	55.286	53.163
13)	MA Dieldrin	6.102	5.219	152.6E6	141.2E6	55.296	52.298
14)	MA Endrin	6.329	5.493	132.8E6	126.2E6	54.788	51.590
15)	B Endosulfa...	6.551	5.790	123.3E6	116.7E6	50.659	51.769
16)	A 4,4'-DDD	6.473	5.644	113.0E6	99927445	55.744	53.426
17)	MA 4,4'-DDT	6.785	5.893	123.6E6	110.6E6	54.009	52.358
18)	B Endrin al...	6.681	5.970	102.5E6	95117677	54.421	50.828
19)	B Endosulfa...	6.916	6.193	128.5E6	120.3E6	54.190	51.118
20)	A Methoxychlor	7.265	6.472	65733482	62303903	53.865	51.413
21)	B Endrin ke...	7.395	6.697	130.7E6	133.8E6	54.602	52.697
22)	Mirex	7.860	6.870	103.3E6	117.5E6	52.828	50.990
23)	Chlordane-1	0.000	3.632	0	37245	N.D.	0.420 #
24)	Chlordane-2	5.019f	4.227f	184.2E6	1524561	1546.823	13.595 #
25)	Chlordane-3	5.701	4.836	167.8E6	150.9E6	388.754	531.184 #
26)	Chlordane-4	5.779	4.899	162.5E6	150.4E6	312.512	503.883 #
27)	Chlordane-5	0.000	5.790	0	116.7E6	N.D.	1182.163 #

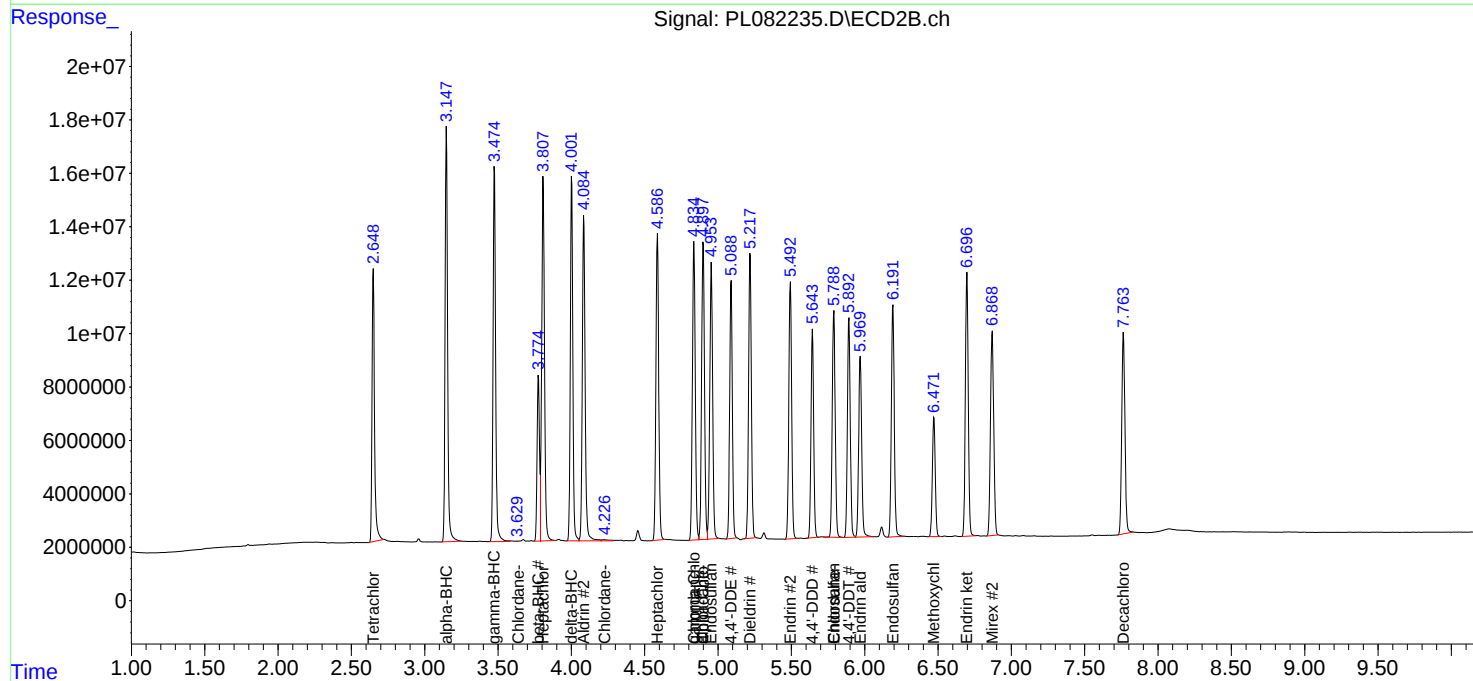
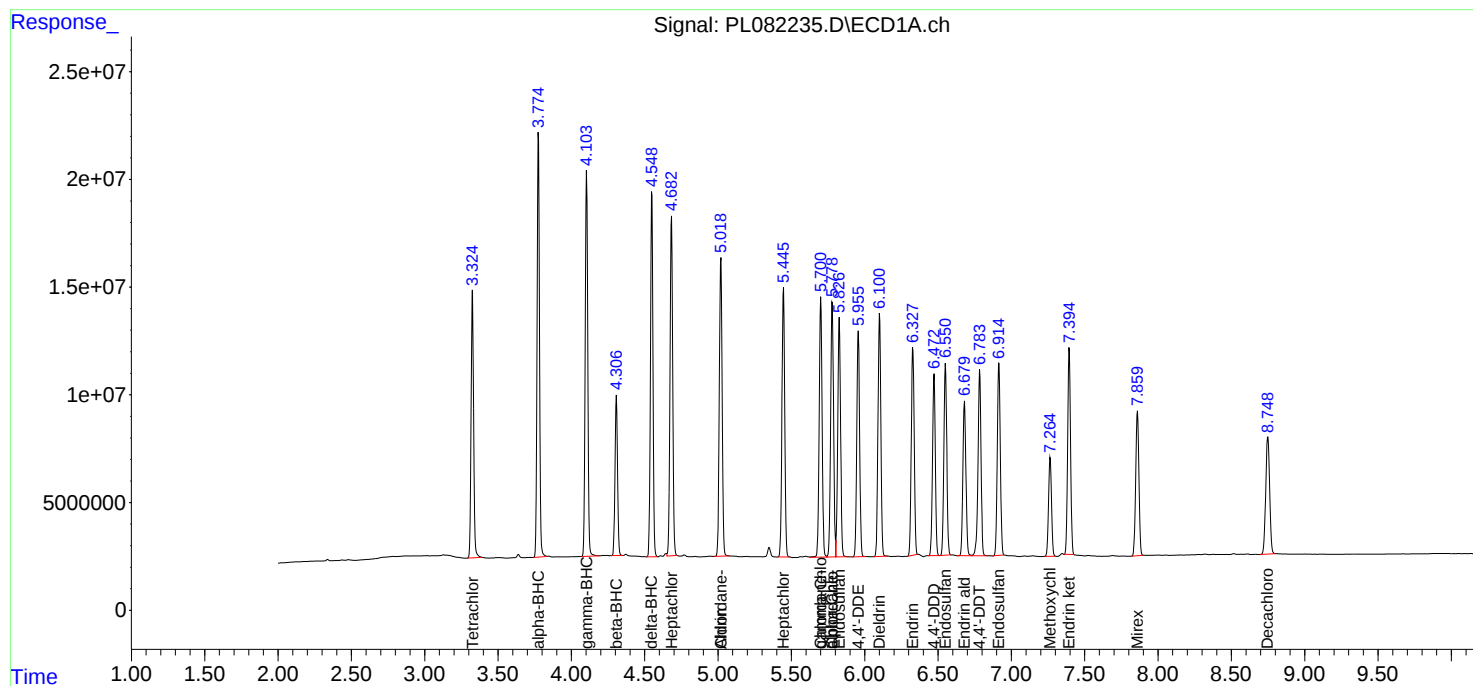
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

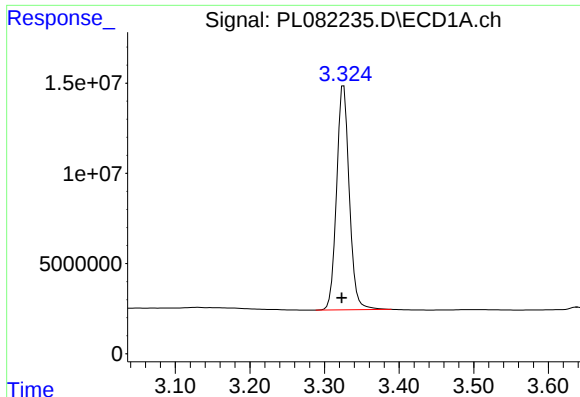
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
Data File : PL082235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2023 09:35
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Integration File signal 1: autoint1.e
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Quant Time: Apr 21 21:30:24 2023
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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

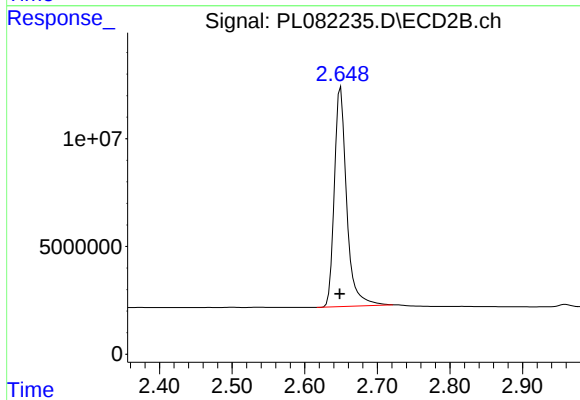




#1 Tetrachloro-m-xylene

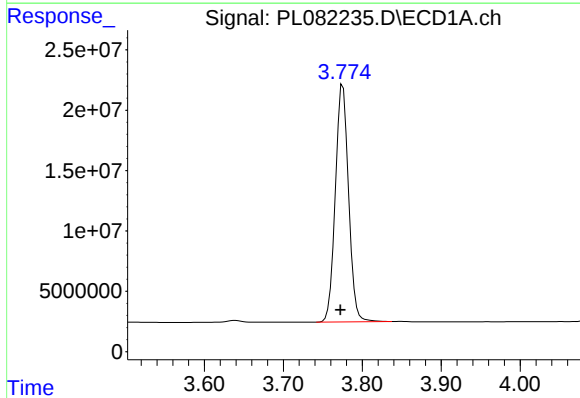
R.T.: 3.326 min
Delta R.T.: 0.003 min
Response: 147311258
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



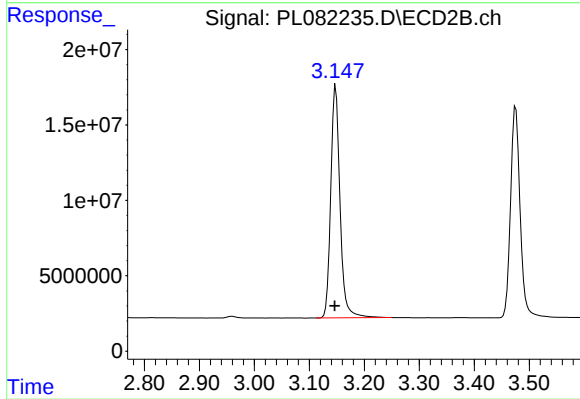
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.001 min
Response: 120204944
Conc: 51.89 ng/ml



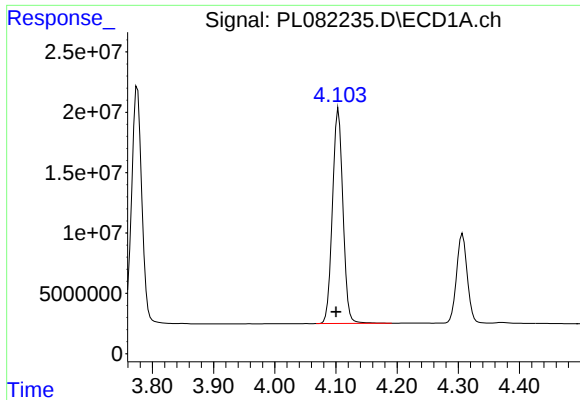
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: 0.003 min
Response: 228740935
Conc: 57.47 ng/ml



#2 alpha-BHC

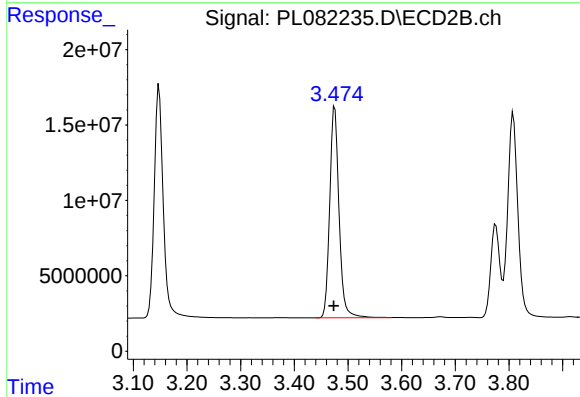
R.T.: 3.148 min
Delta R.T.: 0.002 min
Response: 179913941
Conc: 52.86 ng/ml



#3 gamma-BHC (Lindane)

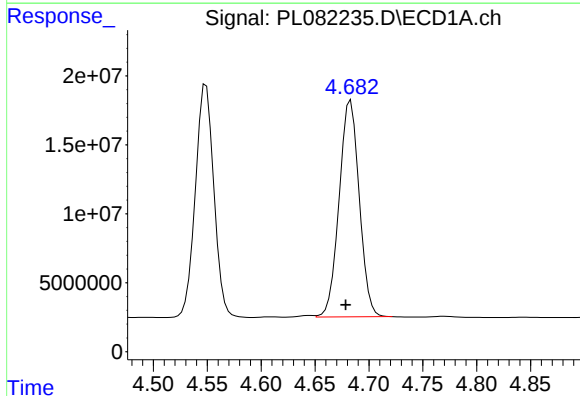
R.T.: 4.104 min
Delta R.T.: 0.004 min
Response: 211807827
Conc: 56.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



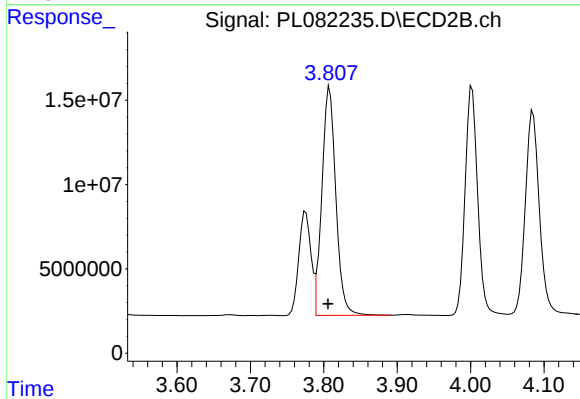
#3 gamma-BHC (Lindane)

R.T.: 3.475 min
Delta R.T.: 0.002 min
Response: 169995982
Conc: 52.87 ng/ml



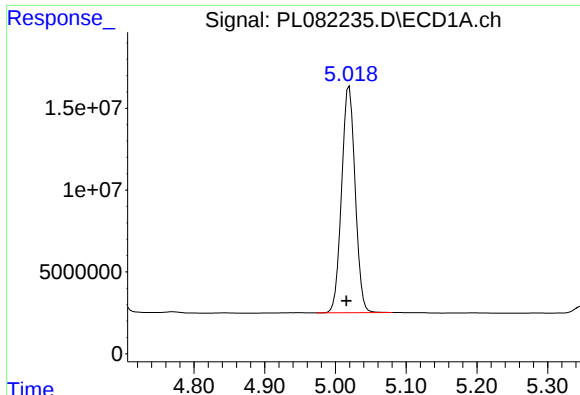
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: 0.004 min
Response: 203971246
Conc: 55.82 ng/ml



#4 Heptachlor

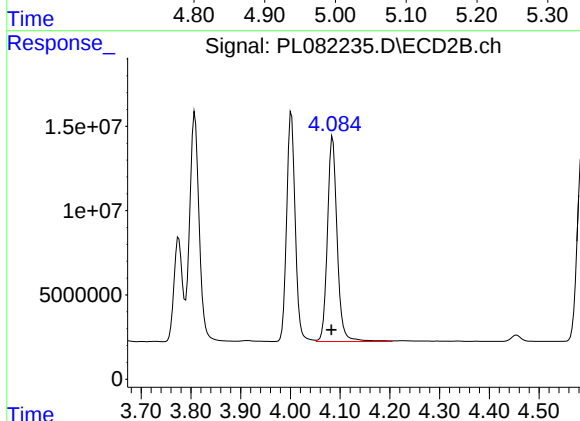
R.T.: 3.808 min
Delta R.T.: 0.002 min
Response: 179160336
Conc: 52.34 ng/ml



#5 Aldrin

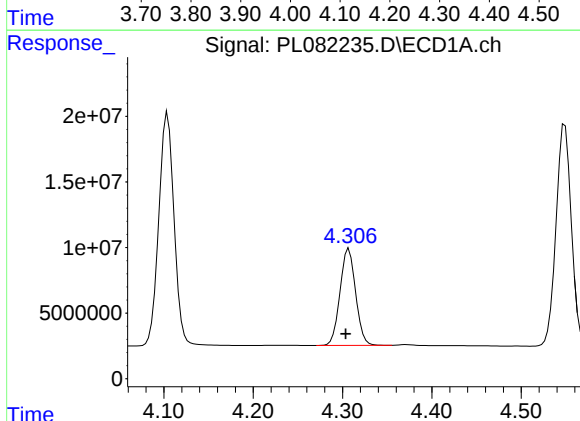
R.T.: 5.019 min
Delta R.T.: 0.004 min
Response: 184153132
Conc: 55.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



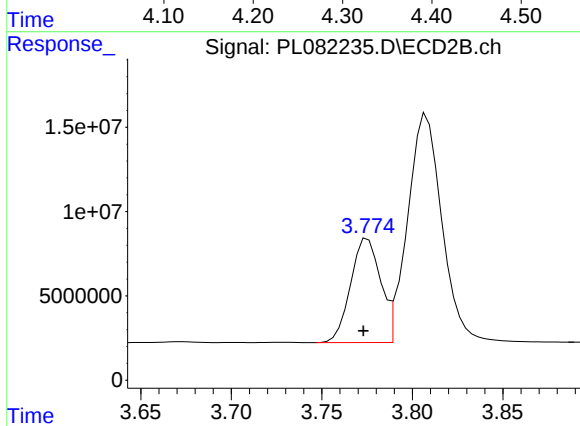
#5 Aldrin

R.T.: 4.085 min
Delta R.T.: 0.003 min
Response: 165420307
Conc: 52.52 ng/ml



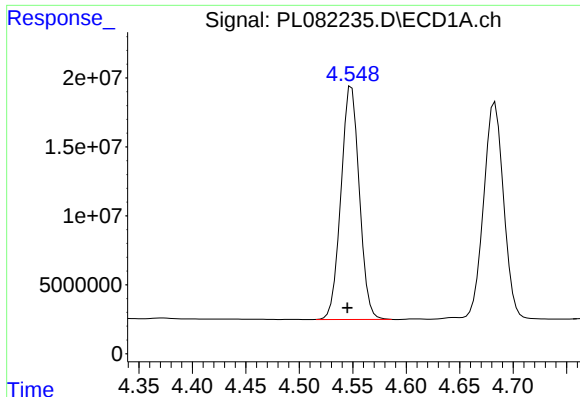
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: 0.003 min
Response: 89379624
Conc: 52.41 ng/ml



#6 beta-BHC

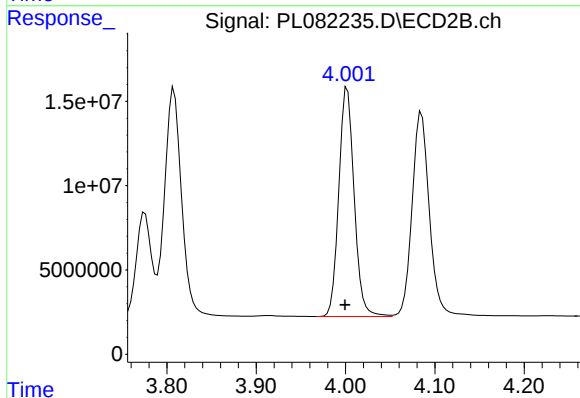
R.T.: 3.775 min
Delta R.T.: 0.002 min
Response: 70751774
Conc: 51.86 ng/ml



#7 delta-BHC

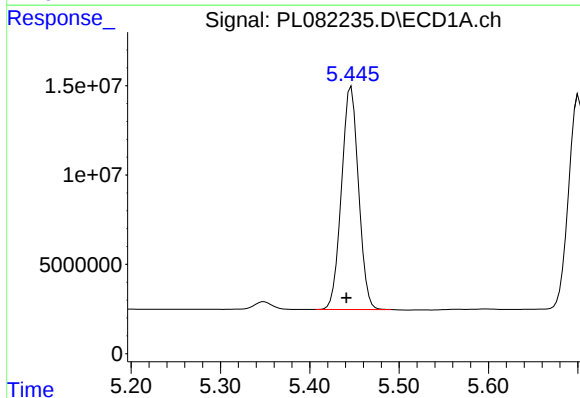
R.T.: 4.549 min
Delta R.T.: 0.004 min
Response: 202257864
Conc: 56.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



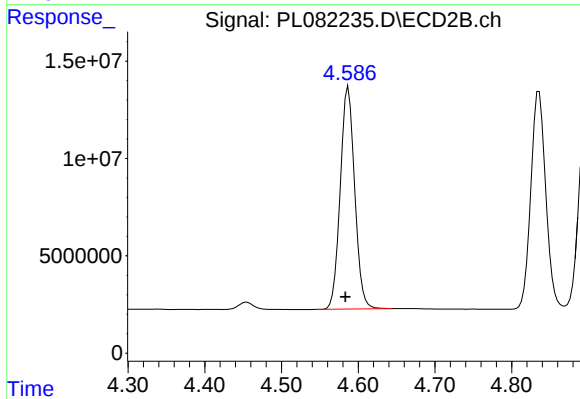
#7 delta-BHC

R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 162064883
Conc: 52.83 ng/ml



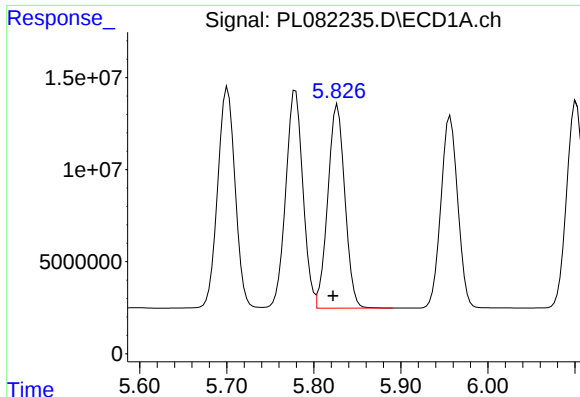
#8 Heptachlor epoxide

R.T.: 5.446 min
Delta R.T.: 0.005 min
Response: 165244047
Conc: 54.17 ng/ml



#8 Heptachlor epoxide

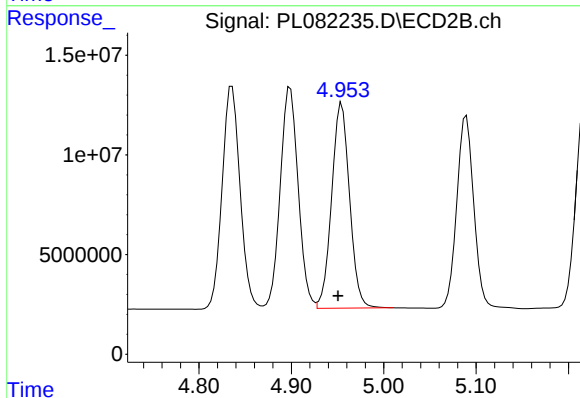
R.T.: 4.587 min
Delta R.T.: 0.004 min
Response: 149222211
Conc: 51.80 ng/ml



#9 Endosulfan I

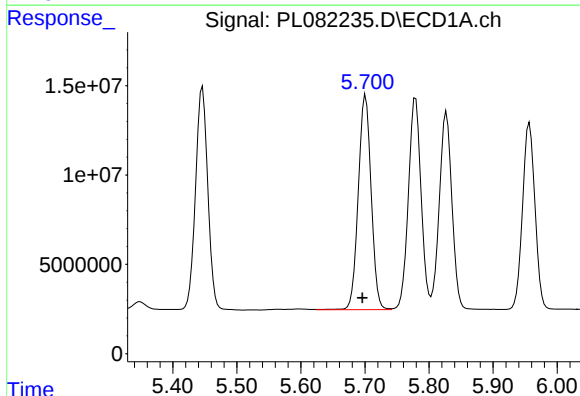
R.T.: 5.827 min
Delta R.T.: 0.005 min
Response: 150626596
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



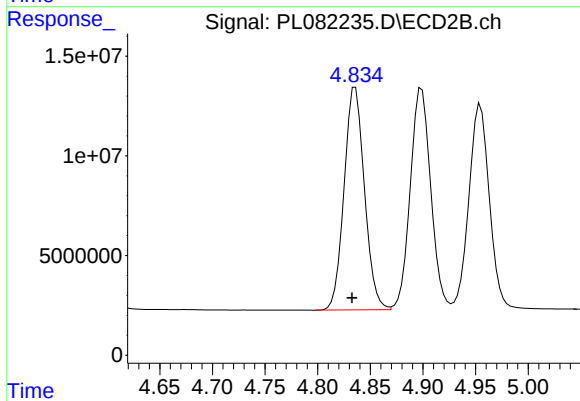
#9 Endosulfan I

R.T.: 4.955 min
Delta R.T.: 0.004 min
Response: 138633779
Conc: 51.93 ng/ml



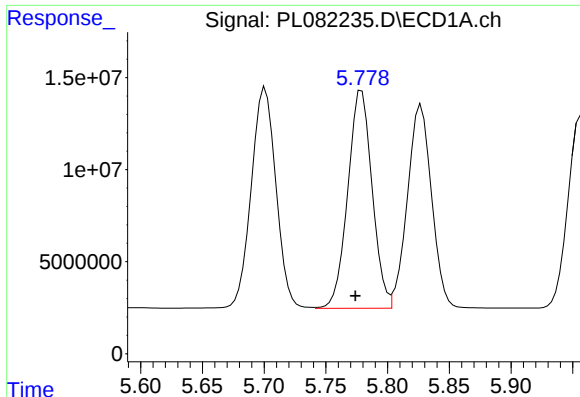
#10 gamma-Chlordane

R.T.: 5.701 min
Delta R.T.: 0.005 min
Response: 167826571
Conc: 55.81 ng/ml



#10 gamma-Chlordane

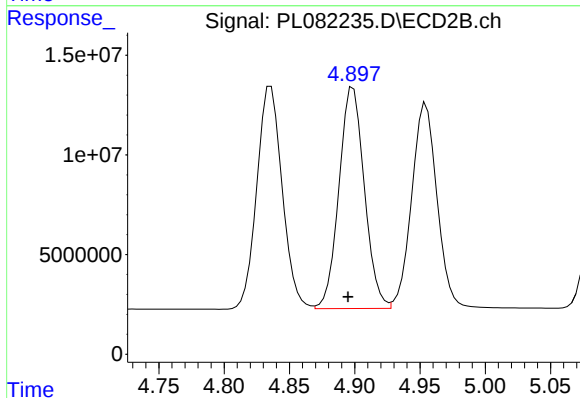
R.T.: 4.836 min
Delta R.T.: 0.003 min
Response: 150914522
Conc: 52.01 ng/ml



#11 alpha-Chlordane

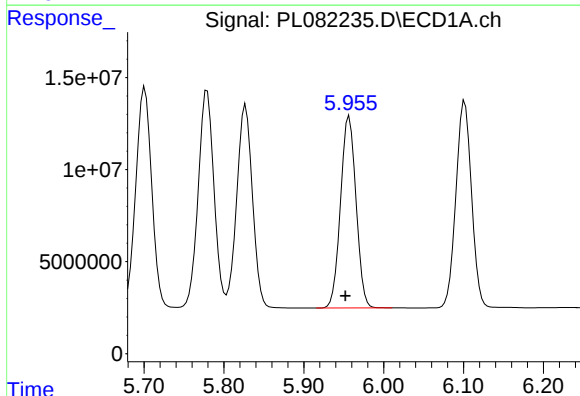
R.T.: 5.779 min
Delta R.T.: 0.005 min
Response: 162479634
Conc: 54.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



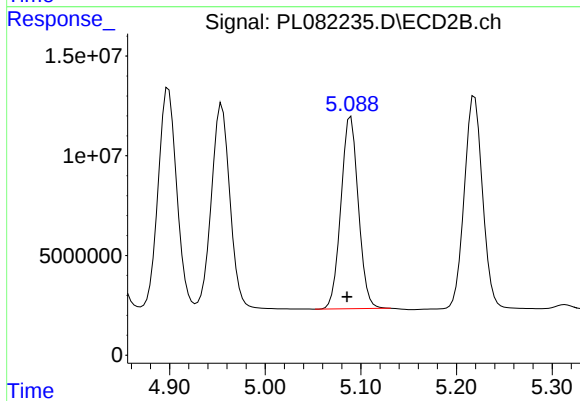
#11 alpha-Chlordane

R.T.: 4.899 min
Delta R.T.: 0.004 min
Response: 150361900
Conc: 51.80 ng/ml



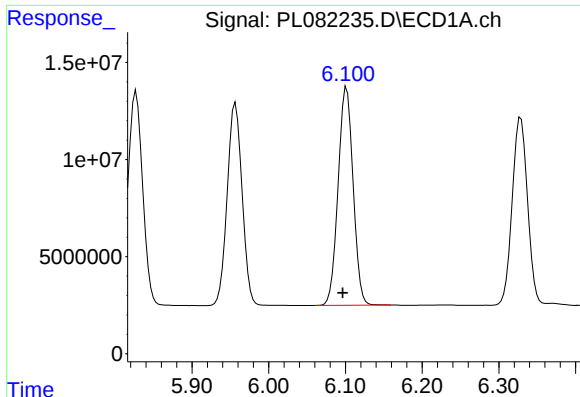
#12 4,4'-DDE

R.T.: 5.957 min
Delta R.T.: 0.004 min
Response: 140539746
Conc: 55.29 ng/ml



#12 4,4'-DDE

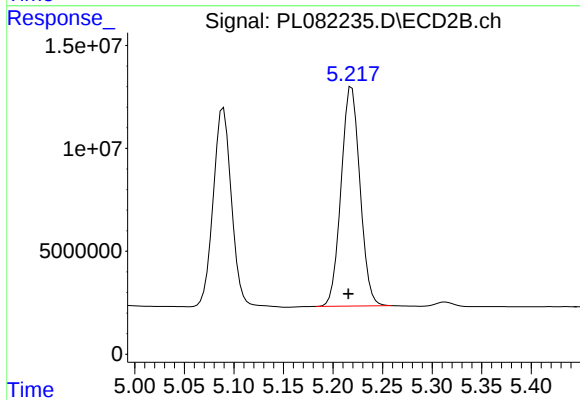
R.T.: 5.090 min
Delta R.T.: 0.004 min
Response: 122220518
Conc: 53.16 ng/ml



#13 Dieldrin

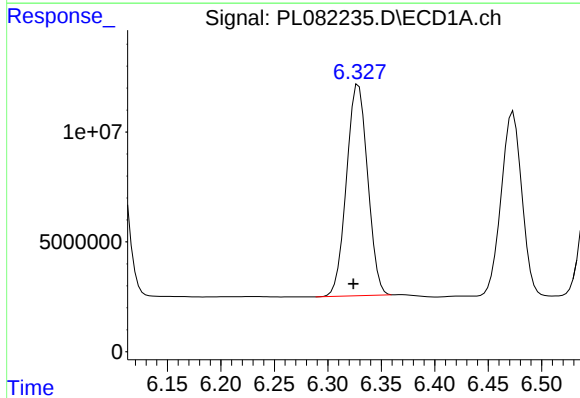
R.T.: 6.102 min
Delta R.T.: 0.005 min
Response: 152568797
Conc: 55.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



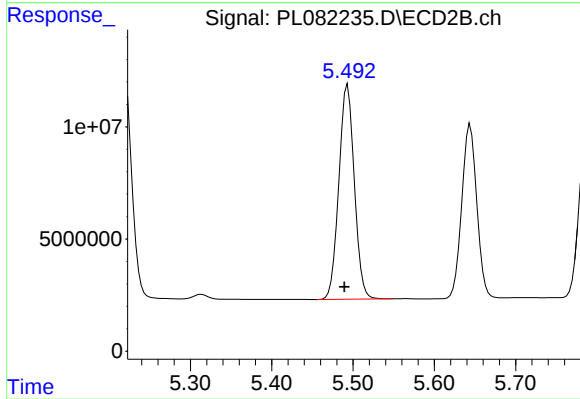
#13 Dieldrin

R.T.: 5.219 min
Delta R.T.: 0.004 min
Response: 141225669
Conc: 52.30 ng/ml



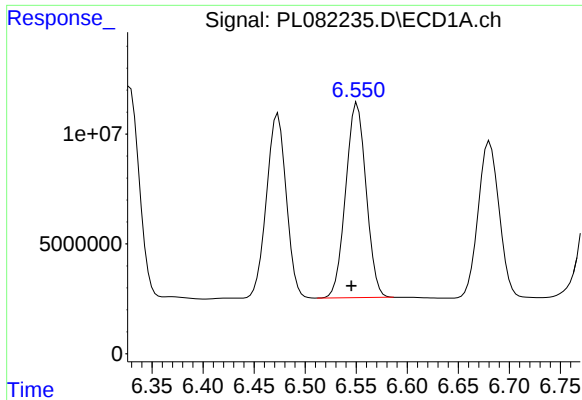
#14 Endrin

R.T.: 6.329 min
Delta R.T.: 0.005 min
Response: 132837188
Conc: 54.79 ng/ml



#14 Endrin

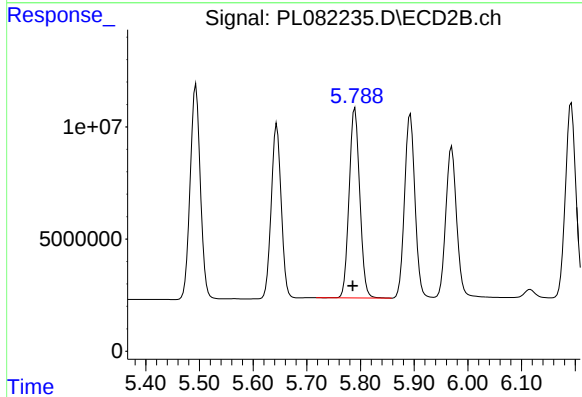
R.T.: 5.493 min
Delta R.T.: 0.004 min
Response: 126186960
Conc: 51.59 ng/ml



#15 Endosulfan II

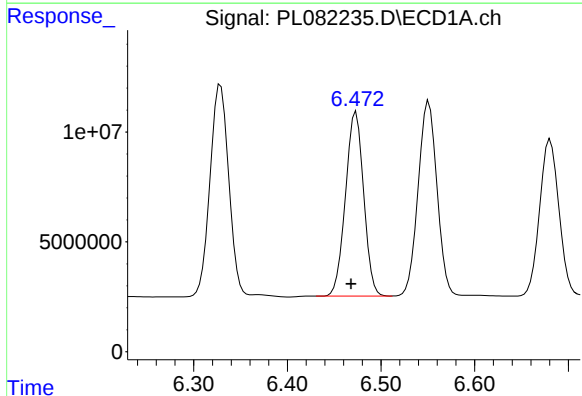
R.T.: 6.551 min
Delta R.T.: 0.006 min
Response: 123332296
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



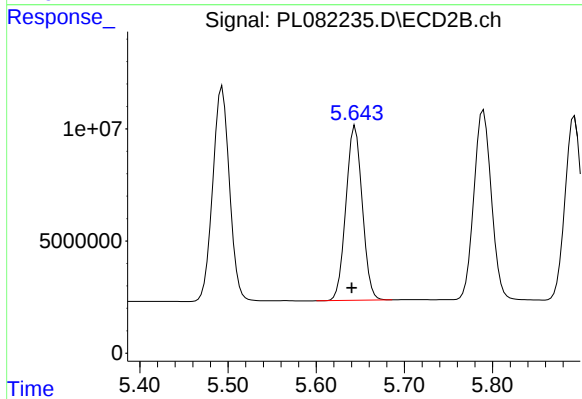
#15 Endosulfan II

R.T.: 5.790 min
Delta R.T.: 0.004 min
Response: 116694182
Conc: 51.77 ng/ml



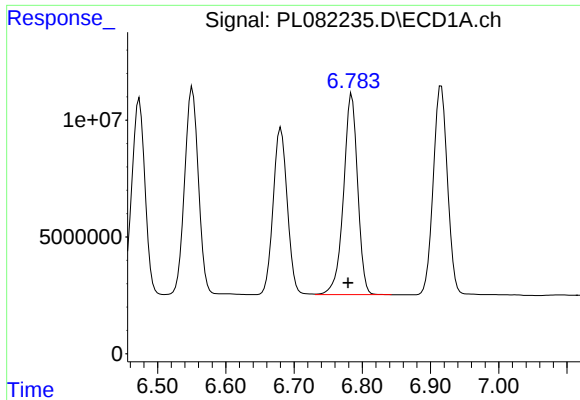
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: 0.005 min
Response: 113004796
Conc: 55.74 ng/ml



#16 4,4'-DDD

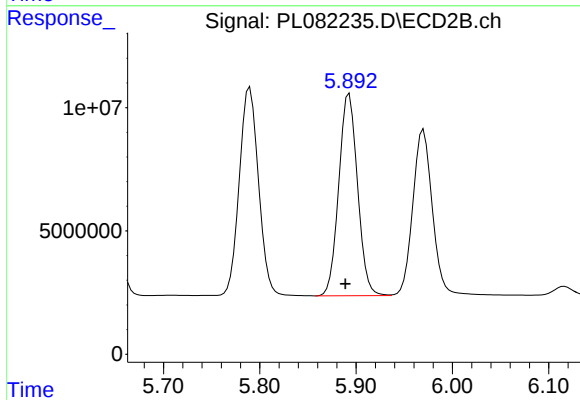
R.T.: 5.644 min
Delta R.T.: 0.004 min
Response: 99927445
Conc: 53.43 ng/ml



#17 4,4'-DDT

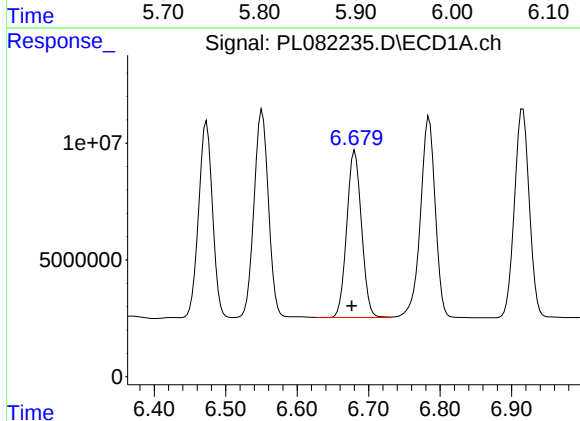
R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 123558259
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



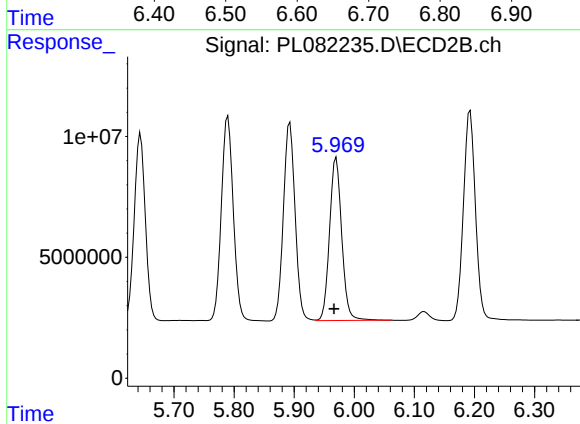
#17 4,4'-DDT

R.T.: 5.893 min
Delta R.T.: 0.004 min
Response: 110610880
Conc: 52.36 ng/ml



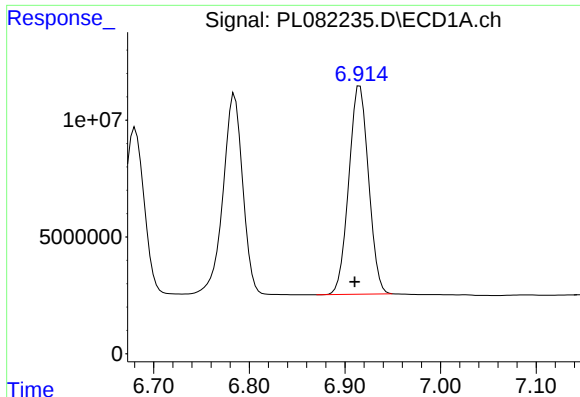
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: 0.005 min
Response: 102538105
Conc: 54.42 ng/ml



#18 Endrin aldehyde

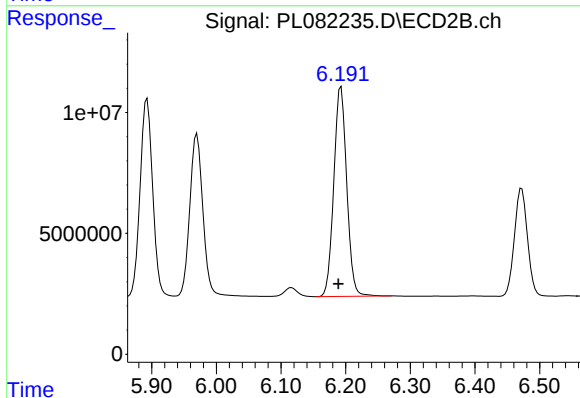
R.T.: 5.970 min
Delta R.T.: 0.004 min
Response: 95117677
Conc: 50.83 ng/ml



#19 Endosulfan Sulfate

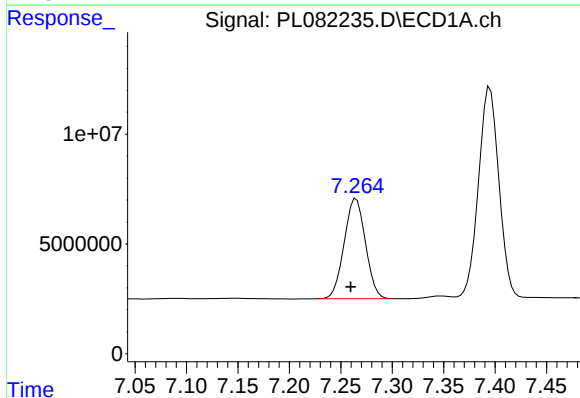
R.T.: 6.916 min
Delta R.T.: 0.006 min
Response: 128512600
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



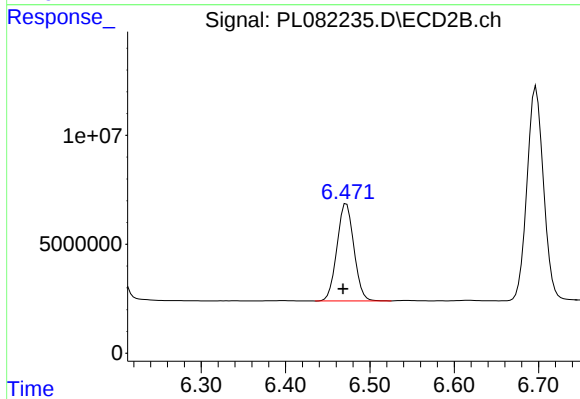
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: 0.004 min
Response: 120345342
Conc: 51.12 ng/ml



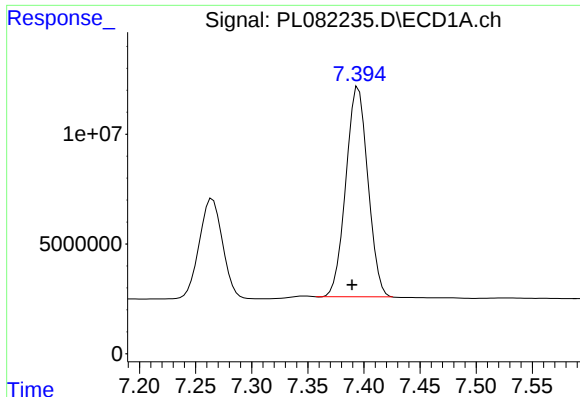
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: 0.005 min
Response: 65733482
Conc: 53.87 ng/ml



#20 Methoxychlor

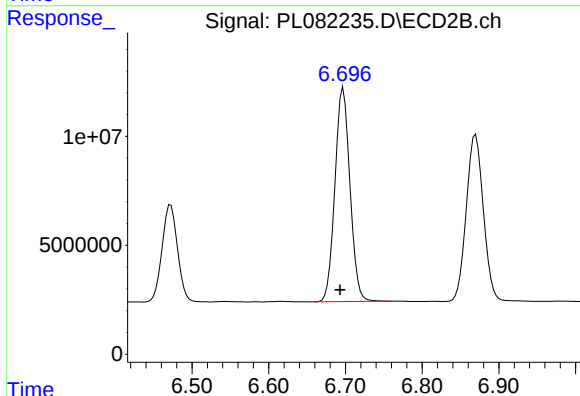
R.T.: 6.472 min
Delta R.T.: 0.004 min
Response: 62303903
Conc: 51.41 ng/ml



#21 Endrin ketone

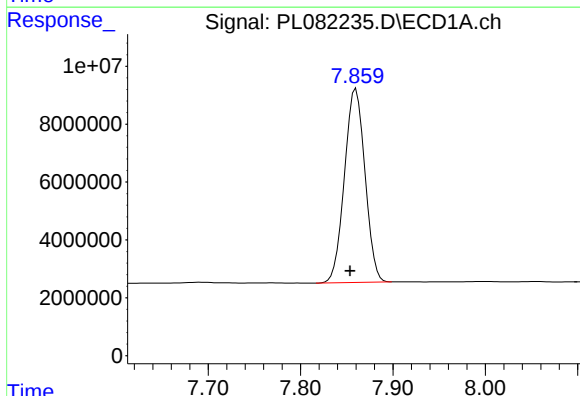
R.T.: 7.395 min
Delta R.T.: 0.005 min
Response: 130738414
Conc: 54.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



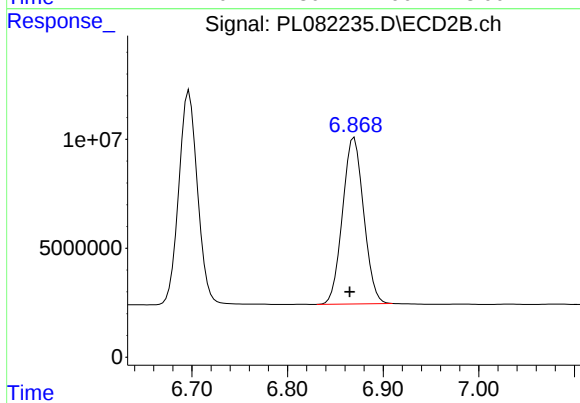
#21 Endrin ketone

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 133753816
Conc: 52.70 ng/ml



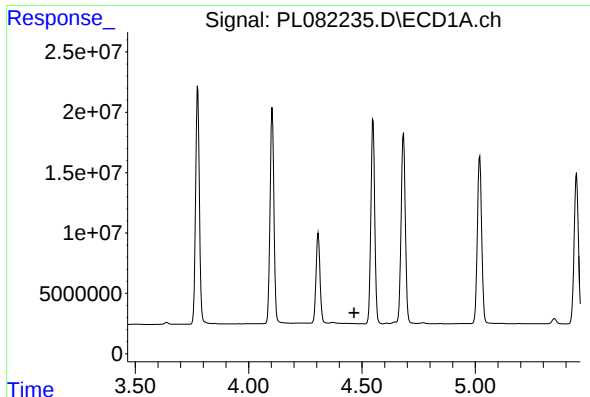
#22 Mirex

R.T.: 7.860 min
Delta R.T.: 0.006 min
Response: 103347848
Conc: 52.83 ng/ml



#22 Mirex

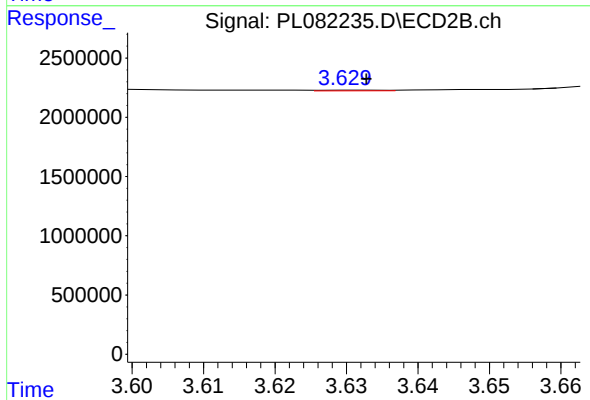
R.T.: 6.870 min
Delta R.T.: 0.005 min
Response: 117494756
Conc: 50.99 ng/ml



#23 Chlordane-1

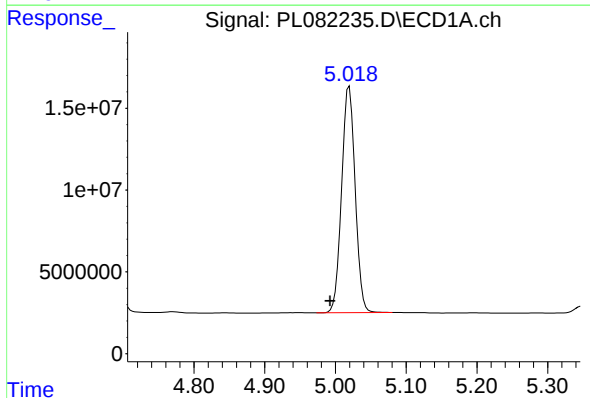
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



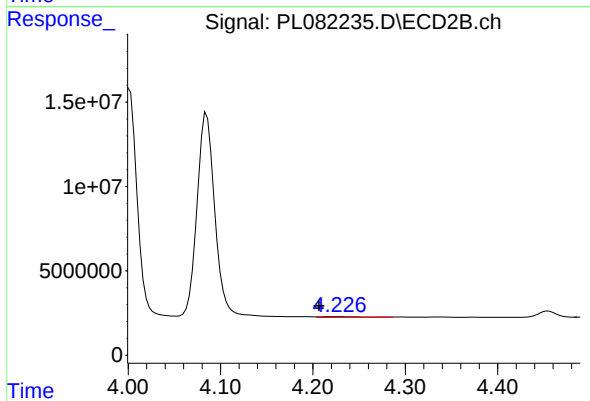
#23 Chlordane-1

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 37245
Conc: 0.42 ng/ml



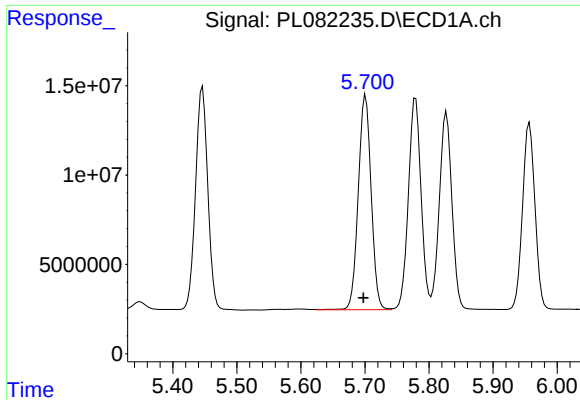
#24 Chlordane-2

R.T.: 5.019 min
Delta R.T.: 0.027 min
Response: 184153132
Conc: 1546.82 ng/ml



#24 Chlordane-2

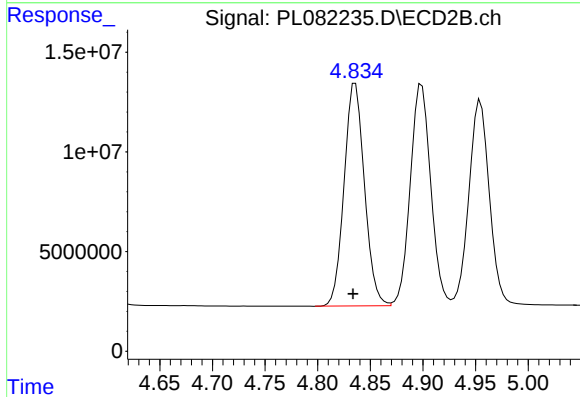
R.T.: 4.227 min
Delta R.T.: 0.021 min
Response: 1524561
Conc: 13.59 ng/ml



#25 Chlordane-3

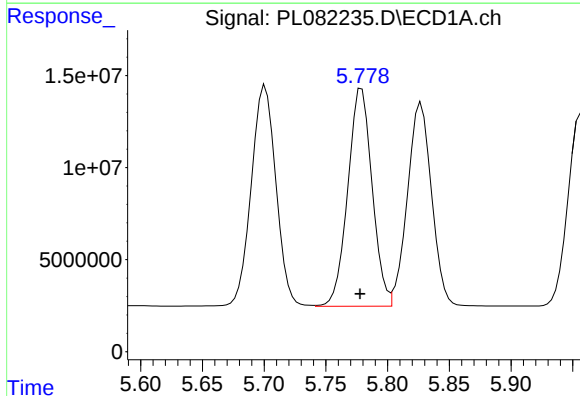
R.T.: 5.701 min
Delta R.T.: 0.003 min
Response: 167826571
Conc: 388.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



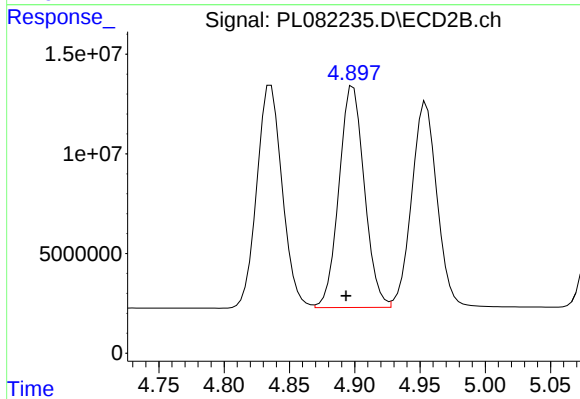
#25 Chlordane-3

R.T.: 4.836 min
Delta R.T.: 0.002 min
Response: 150914522
Conc: 531.18 ng/ml



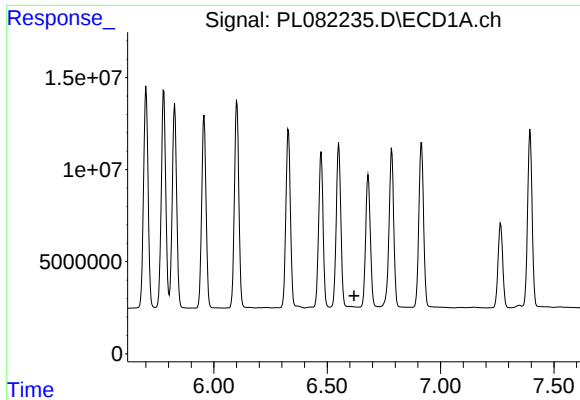
#26 Chlordane-4

R.T.: 5.779 min
Delta R.T.: 0.001 min
Response: 162479634
Conc: 312.51 ng/ml



#26 Chlordane-4

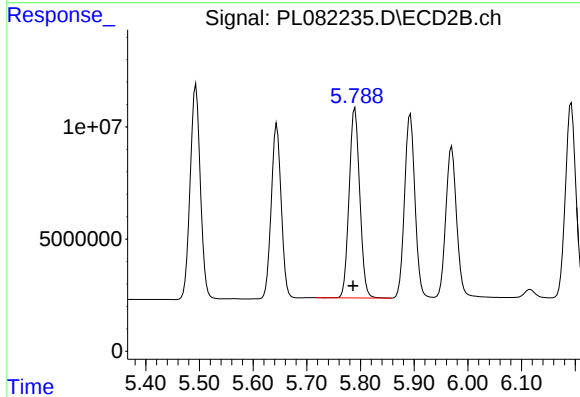
R.T.: 4.899 min
Delta R.T.: 0.005 min
Response: 150361900
Conc: 503.88 ng/ml



#27 Chlordane-5

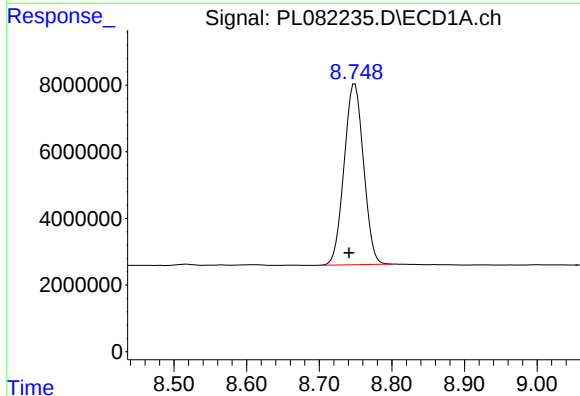
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



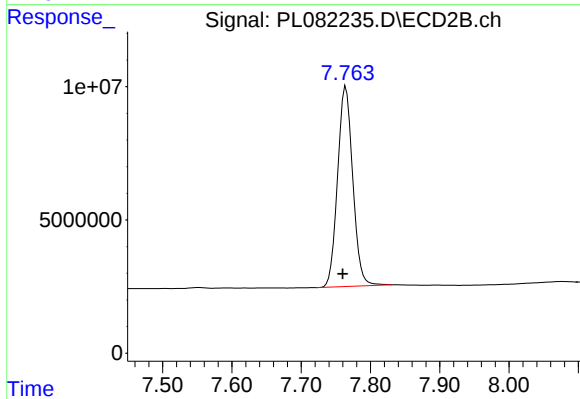
#27 Chlordane-5

R.T.: 5.790 min
Delta R.T.: 0.003 min
Response: 116694182
Conc: 1182.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: 0.008 min
Response: 101128482
Conc: 52.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.765 min
Delta R.T.: 0.005 min
Response: 114353051
Conc: 50.10 ng/ml