

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101322\
 Data File : PL078348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2022 19:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 23:37:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 2022
 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...	3.413	2.620	36450567	58467159	22.056	22.119
28)	SA Decachlor...	8.900	7.714	30530049	44650529	19.776	20.540
Target Compounds							
2)	A alpha-BHC	3.877	3.112	24962979	45779891	9.927	10.999
3)	MA gamma-BHC...	4.213	3.436	23651178	40076133	10.142	11.501
5)	MB Aldrin	0.000	4.061f	0	134633	N.D.	0.040 #
6)	B beta-BHC	4.426	3.736	10789130	18402820	10.848	12.483
8)	B Heptachlo...	5.566	0.000	1320577	0	0.867	N.D. #
10)	B gamma-Chl...	0.000	4.797	0	1159500	N.D.	0.387 #
12)	B 4,4'-DDE	0.000	5.044	0	403977	N.D.	0.141 #
13)	MA Dieldrin	0.000	5.152f	0	742373	N.D.	0.253 #
14)	MA Endrin	6.457	5.439	67542450	134.2E6	45.264	58.275 #
15)	B Endosulfa...	6.703f	5.759f	1240278	629810	0.925	0.257 #
16)	A 4,4'-DDD	6.598	5.597	3017694	6760036	2.451	3.035
17)	MA 4,4'-DDT	6.909	5.845	135.9E6	254.8E6	92.822	112.231
18)	B Endrin al...	6.816	5.916	1436493	3543055	1.255	1.915 #
20)	A Methoxychlor	7.391	6.422	172.4E6	296.5E6	227.541	234.756
21)	B Endrin ke...	7.538	6.636	4291618	9412397	2.751	3.553 #
25)	Chlordane-3	0.000	4.797	0	1159500	N.D.	3.790 #

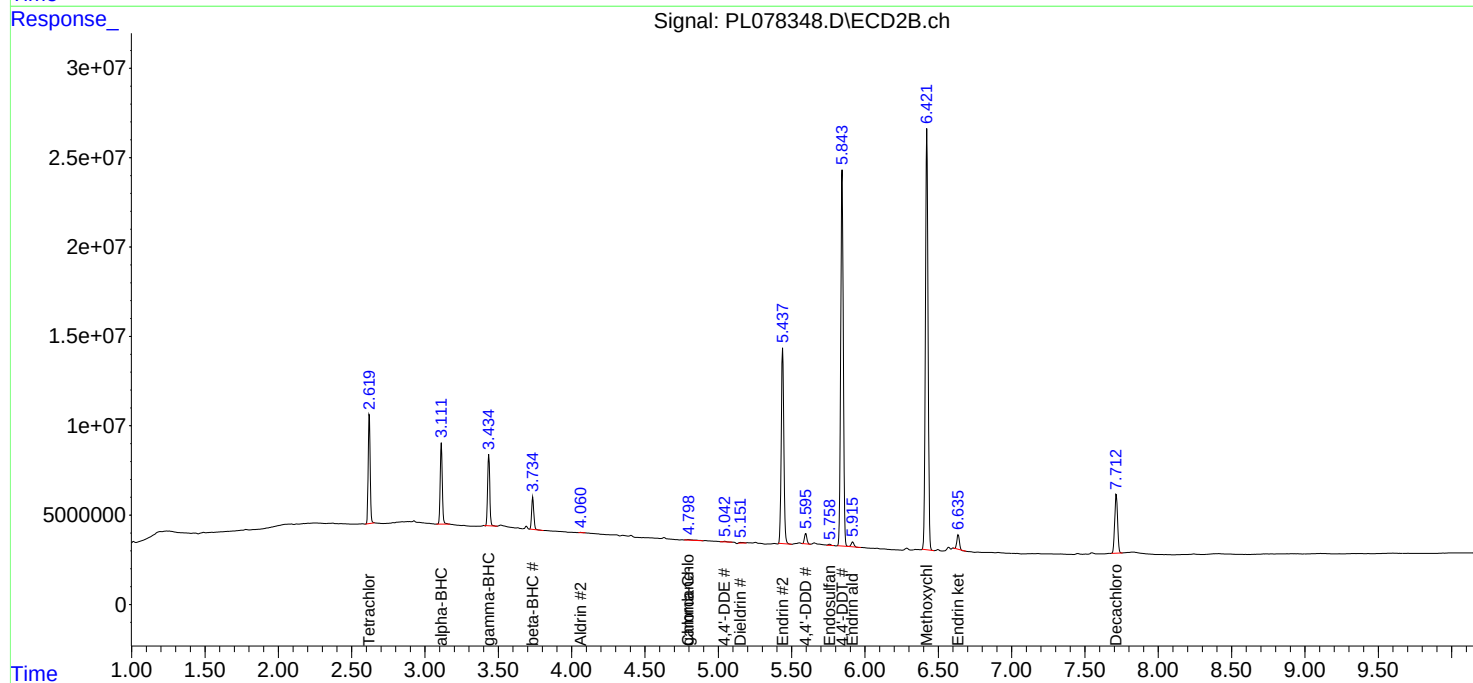
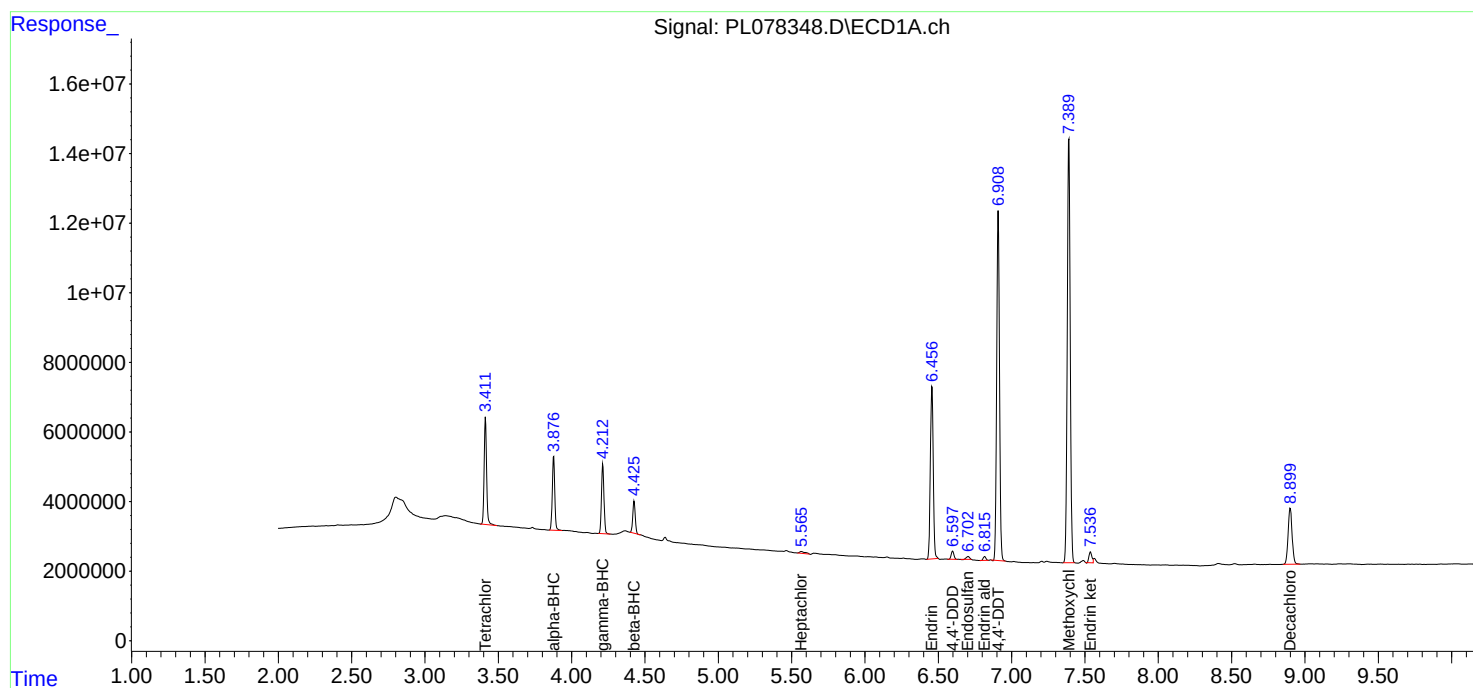
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

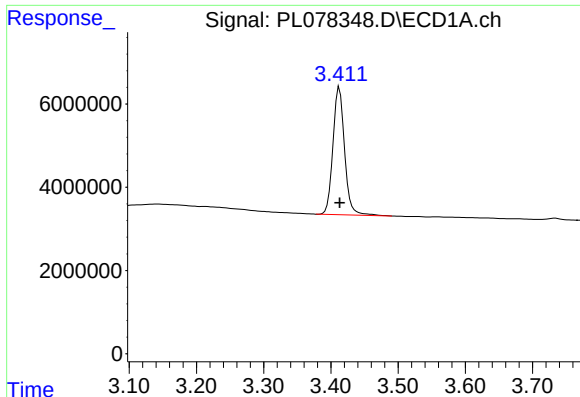
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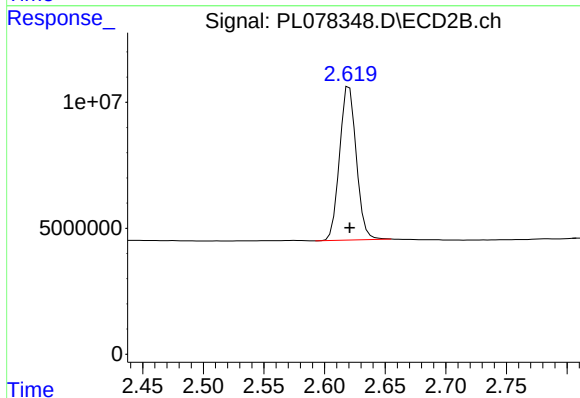




#1 Tetrachloro-m-xylene

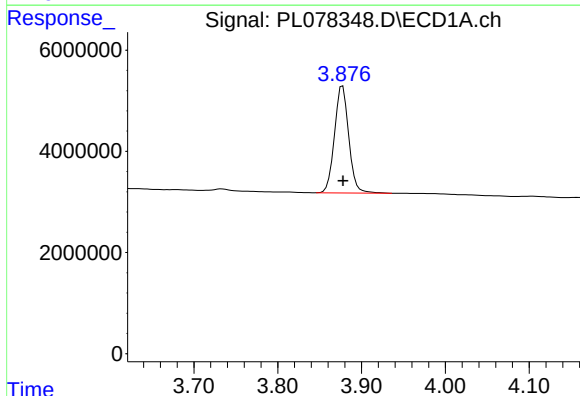
R.T.: 3.413 min
Delta R.T.: 0.000 min
Response: 36450567
Conc: 22.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



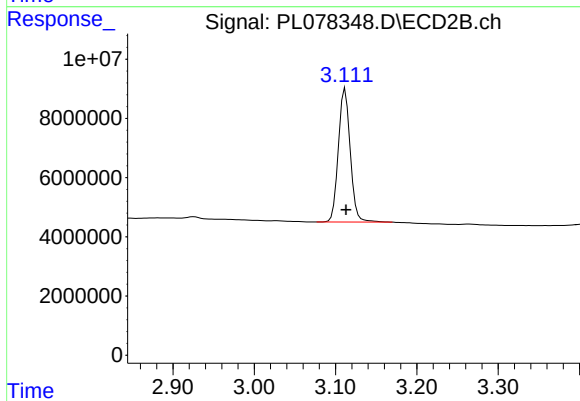
#1 Tetrachloro-m-xylene

R.T.: 2.620 min
Delta R.T.: 0.000 min
Response: 58467159
Conc: 22.12 ng/ml



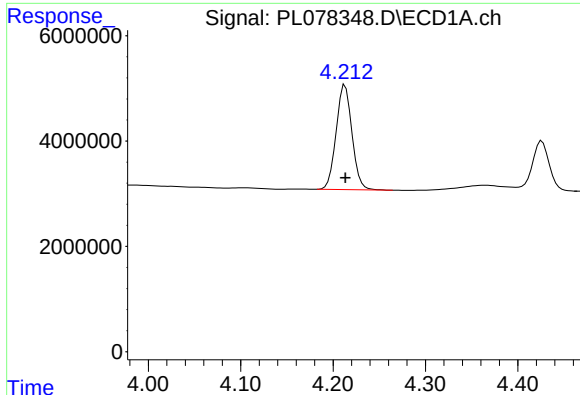
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 24962979
Conc: 9.93 ng/ml



#2 alpha-BHC

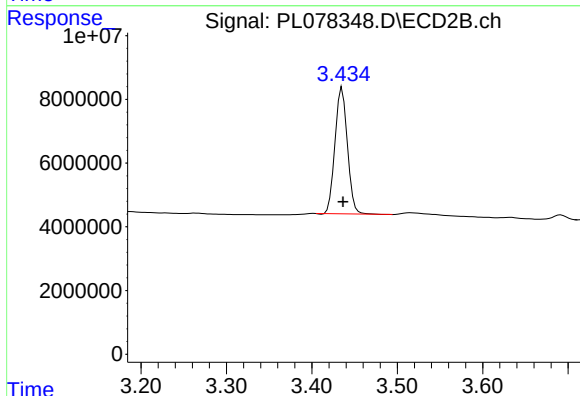
R.T.: 3.112 min
Delta R.T.: 0.000 min
Response: 45779891
Conc: 11.00 ng/ml



#3 gamma-BHC (Lindane)

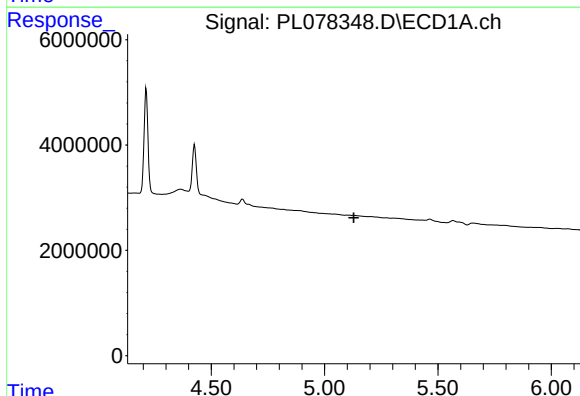
R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 23651178
Conc: 10.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



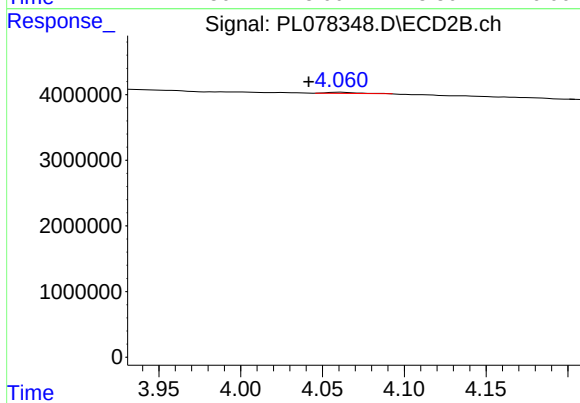
#3 gamma-BHC (Lindane)

R.T.: 3.436 min
Delta R.T.: -0.001 min
Response: 40076133
Conc: 11.50 ng/ml



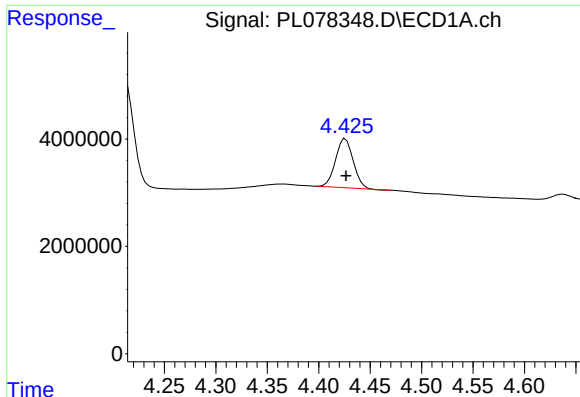
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.129 min
Response: 0
Conc: N.D.



#5 Aldrin

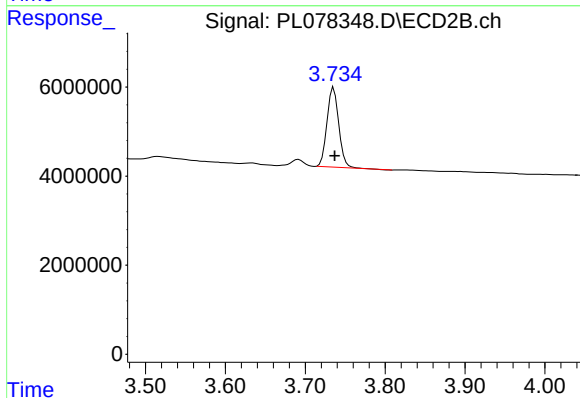
R.T.: 4.061 min
Delta R.T.: 0.020 min
Response: 134633
Conc: 0.04 ng/ml



#6 beta-BHC

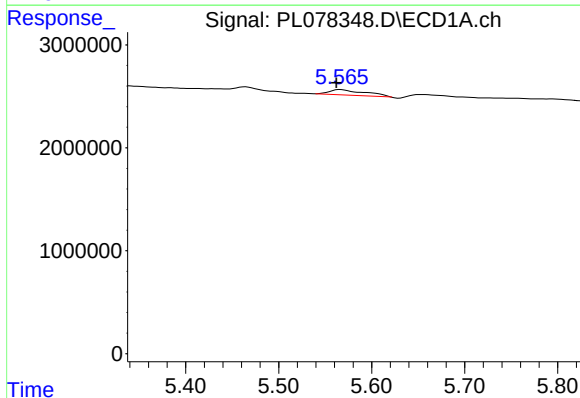
R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 10789130
Conc: 10.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



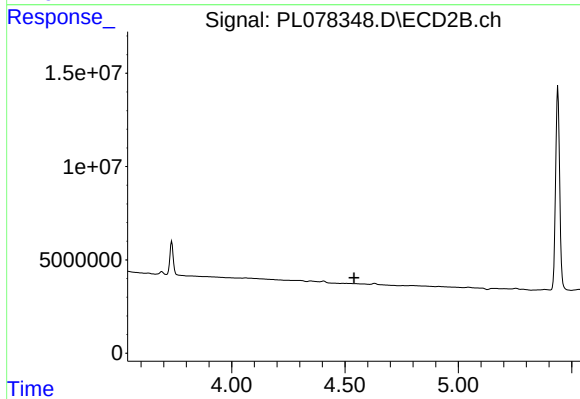
#6 beta-BHC

R.T.: 3.736 min
Delta R.T.: -0.001 min
Response: 18402820
Conc: 12.48 ng/ml



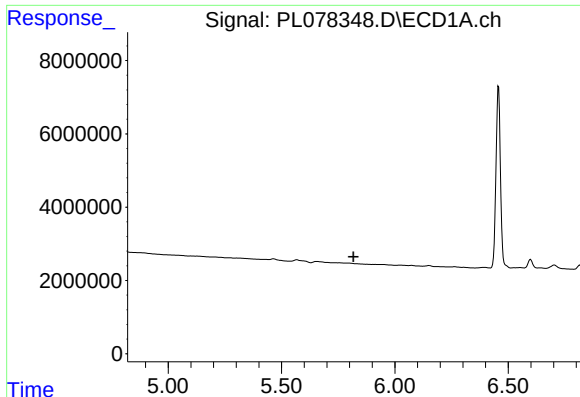
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: 0.004 min
Response: 1320577
Conc: 0.87 ng/ml



#8 Heptachlor epoxide

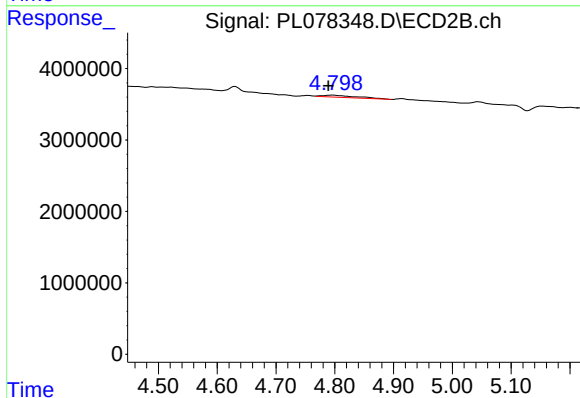
R.T.: 0.000 min
Exp R.T. : 4.540 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

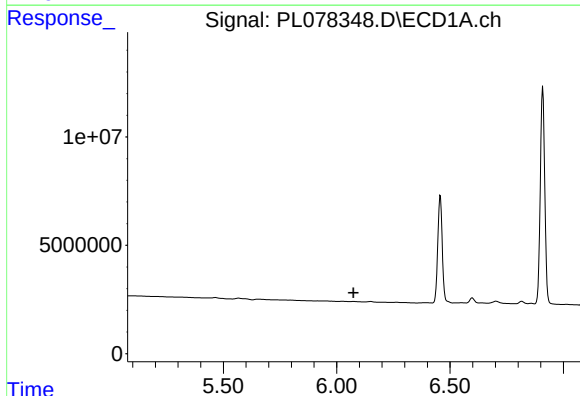
R.T.: 0.000 min
Exp R.T.: 5.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



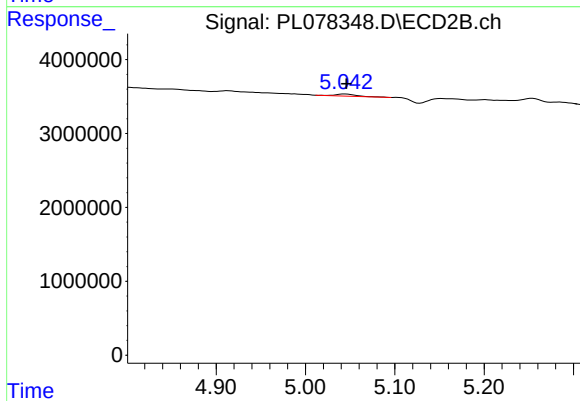
#10 gamma-Chlordane

R.T.: 4.797 min
Delta R.T.: 0.007 min
Response: 1159500
Conc: 0.39 ng/ml



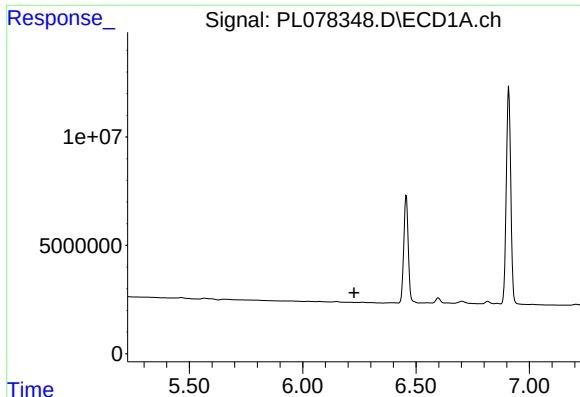
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.075 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

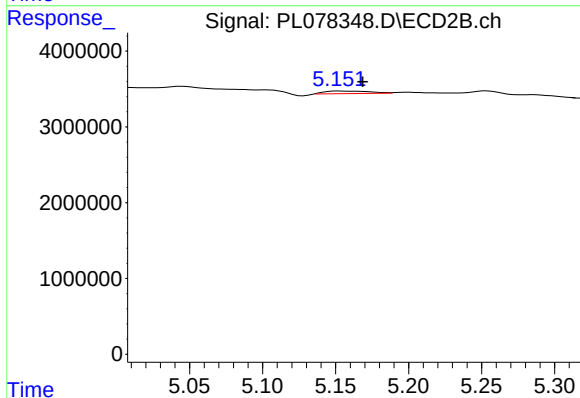
R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 403977
Conc: 0.14 ng/ml



#13 Dieldrin

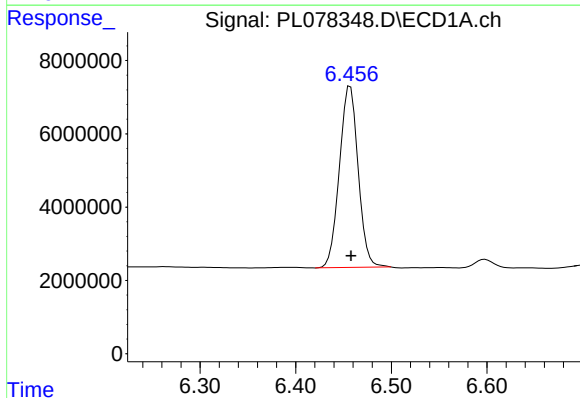
R.T.: 0.000 min
Exp R.T.: 6.226 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



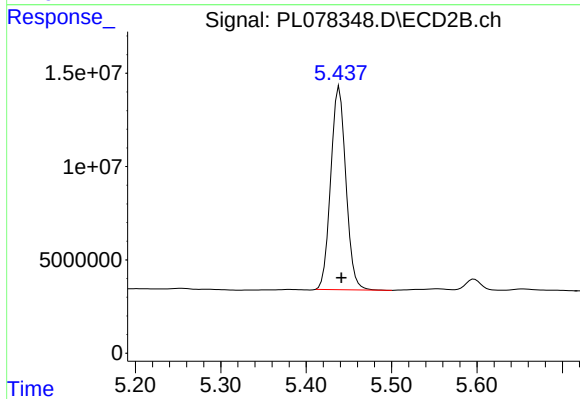
#13 Dieldrin

R.T.: 5.152 min
Delta R.T.: -0.016 min
Response: 742373
Conc: 0.25 ng/ml



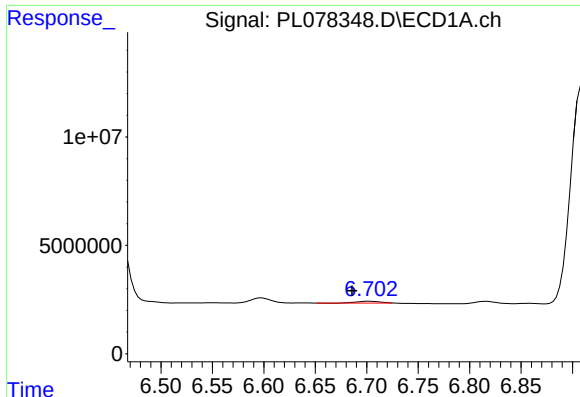
#14 Endrin

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 67542450
Conc: 45.26 ng/ml



#14 Endrin

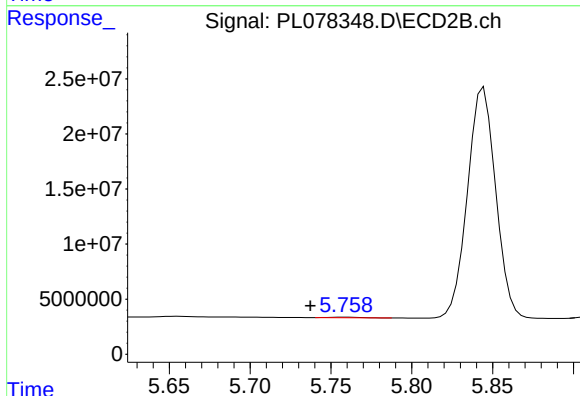
R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 134229075
Conc: 58.27 ng/ml



#15 Endosulfan II

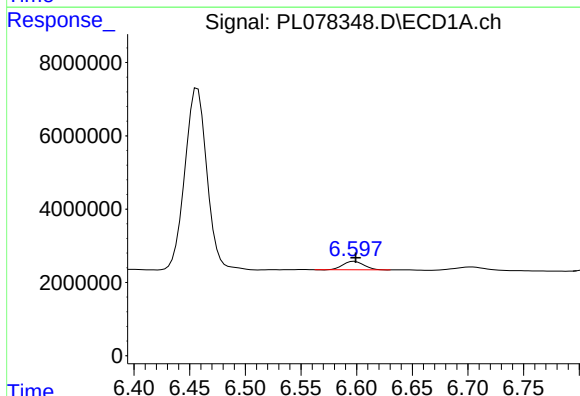
R.T.: 6.703 min
Delta R.T.: 0.017 min
Response: 1240278
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



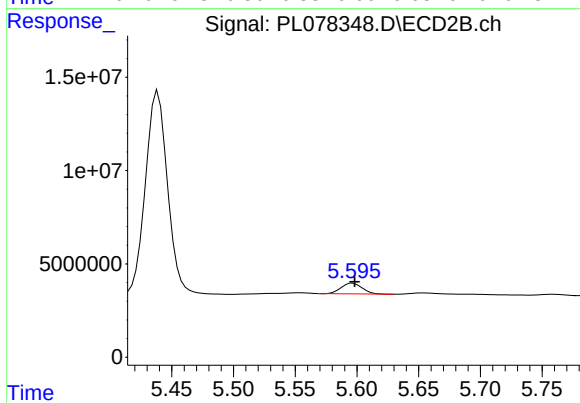
#15 Endosulfan II

R.T.: 5.759 min
Delta R.T.: 0.022 min
Response: 629810
Conc: 0.26 ng/ml



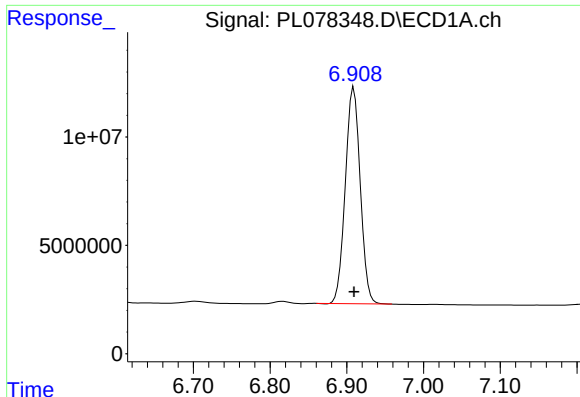
#16 4,4'-DDD

R.T.: 6.598 min
Delta R.T.: -0.001 min
Response: 3017694
Conc: 2.45 ng/ml



#16 4,4'-DDD

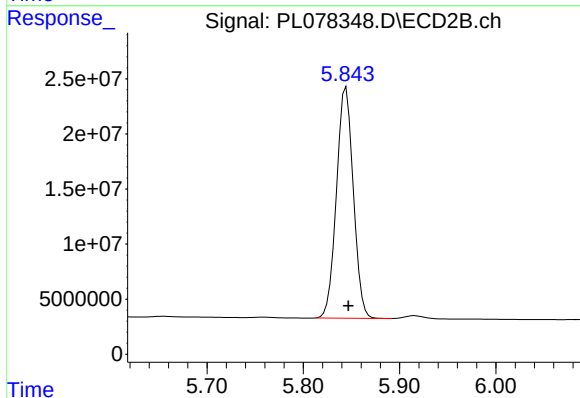
R.T.: 5.597 min
Delta R.T.: -0.001 min
Response: 6760036
Conc: 3.03 ng/ml



#17 4,4'-DDT

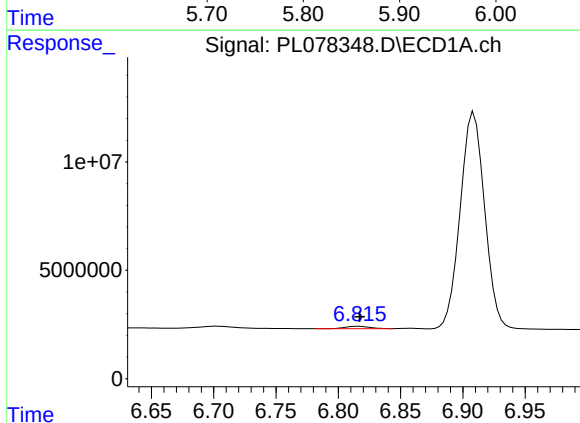
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 135886555
Conc: 92.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



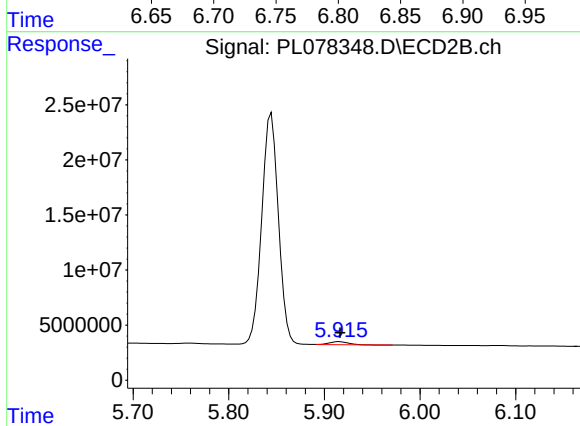
#17 4,4'-DDT

R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 254753470
Conc: 112.23 ng/ml



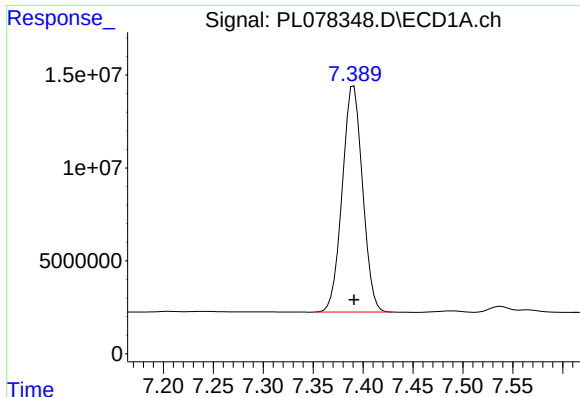
#18 Endrin aldehyde

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 1436493
Conc: 1.26 ng/ml



#18 Endrin aldehyde

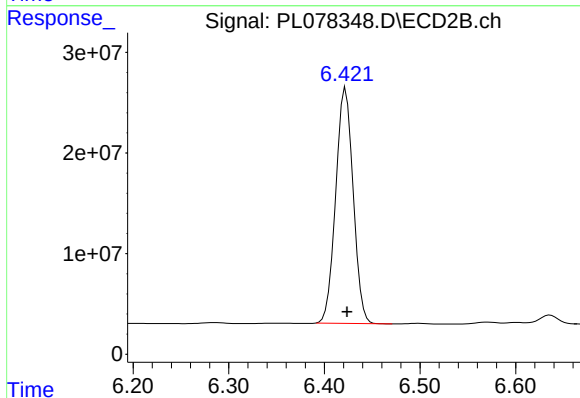
R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 3543055
Conc: 1.91 ng/ml



#20 Methoxychlor

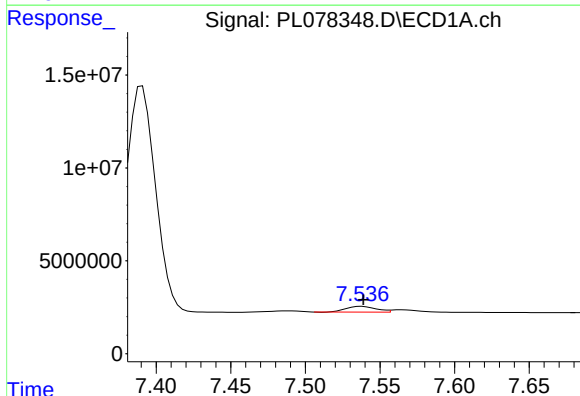
R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 172410510
Conc: 227.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



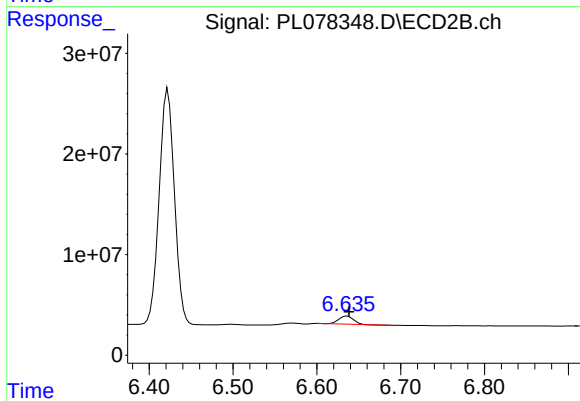
#20 Methoxychlor

R.T.: 6.422 min
Delta R.T.: -0.002 min
Response: 296500206
Conc: 234.76 ng/ml



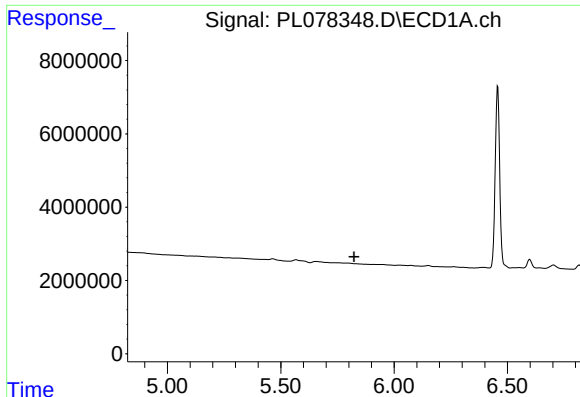
#21 Endrin ketone

R.T.: 7.538 min
Delta R.T.: -0.001 min
Response: 4291618
Conc: 2.75 ng/ml



#21 Endrin ketone

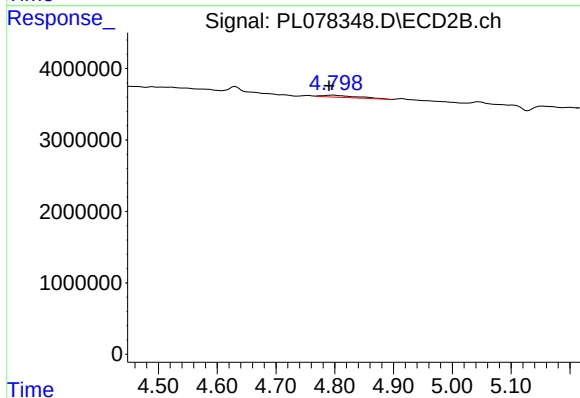
R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 9412397
Conc: 3.55 ng/ml



#25 Chlordane-3

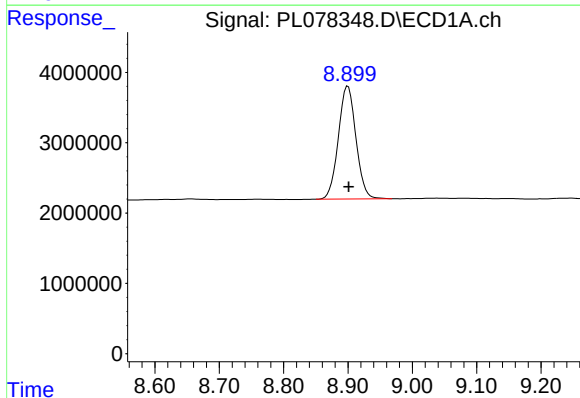
R.T.: 0.000 min
Exp R.T.: 5.823 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



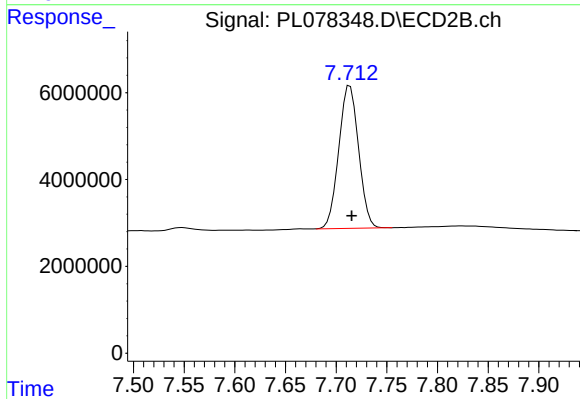
#25 Chlordane-3

R.T.: 4.797 min
Delta R.T.: 0.006 min
Response: 1159500
Conc: 3.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: -0.001 min
Response: 30530049
Conc: 19.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.714 min
Delta R.T.: -0.002 min
Response: 44650529
Conc: 20.54 ng/ml