

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080221\
 Data File : PL068631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2021 09:13
 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: Aug 03 01:28:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 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...	4.641	5.571	9060392	21082881	21.111	20.661
28)	SA Decachlor...	10.415	11.494	12869567	19051068	22.882	21.358
Target Compounds							
2)	A alpha-BHC	5.349	6.151	5274725	13035125	9.011	9.587
3)	MA gamma-BHC...	5.772	6.547	5582096	12545482	9.820	9.724
4)	MA Heptachlor	0.000	7.179f	0	66707	N.D.	0.051 #
6)	B beta-BHC	6.152	6.799	3927623	7048183	13.422	9.977 #
8)	B Heptachlo...	0.000	8.041	0	38314	N.D.	0.034 #
9)	A Endosulfan I	0.000	8.460f	0	12960	N.D.	0.013 #
10)	B gamma-Chl...	0.000	8.282f	0	148234	N.D.	0.132 #
11)	B alpha-Chl...	0.000	8.412f	0	107428	N.D.	0.096 #
12)	B 4,4'-DDE	0.000	8.572	0	200060	N.D.	0.194 #
13)	MA Dieldrin	0.000	8.729	0	44700	N.D.	0.042 #
14)	MA Endrin	8.066	8.969	26375076	47254790	52.740	52.848
15)	B Endosulfa...	0.000	9.217f	0	315099	N.D.	0.348 #
16)	A 4,4'-DDD	8.232	9.110	1102405	1903480	2.468	2.235
17)	MA 4,4'-DDT	8.494	9.428	49512980	89013306	98.711	94.310
18)	B Endrin al...	0.000	9.337	0	138160	N.D.	0.192 #
20)	A Methoxychlor	9.088	9.913	68837824	105.6E6	220.064	207.901
21)	B Endrin ke...	9.314	10.073	693550	1102539	1.171	1.105
25)	Chlordane-3	0.000	8.282f	0	148234	N.D.	0.957 #
26)	Chlordane-4	0.000	8.412f	0	107428	N.D.	0.573 #

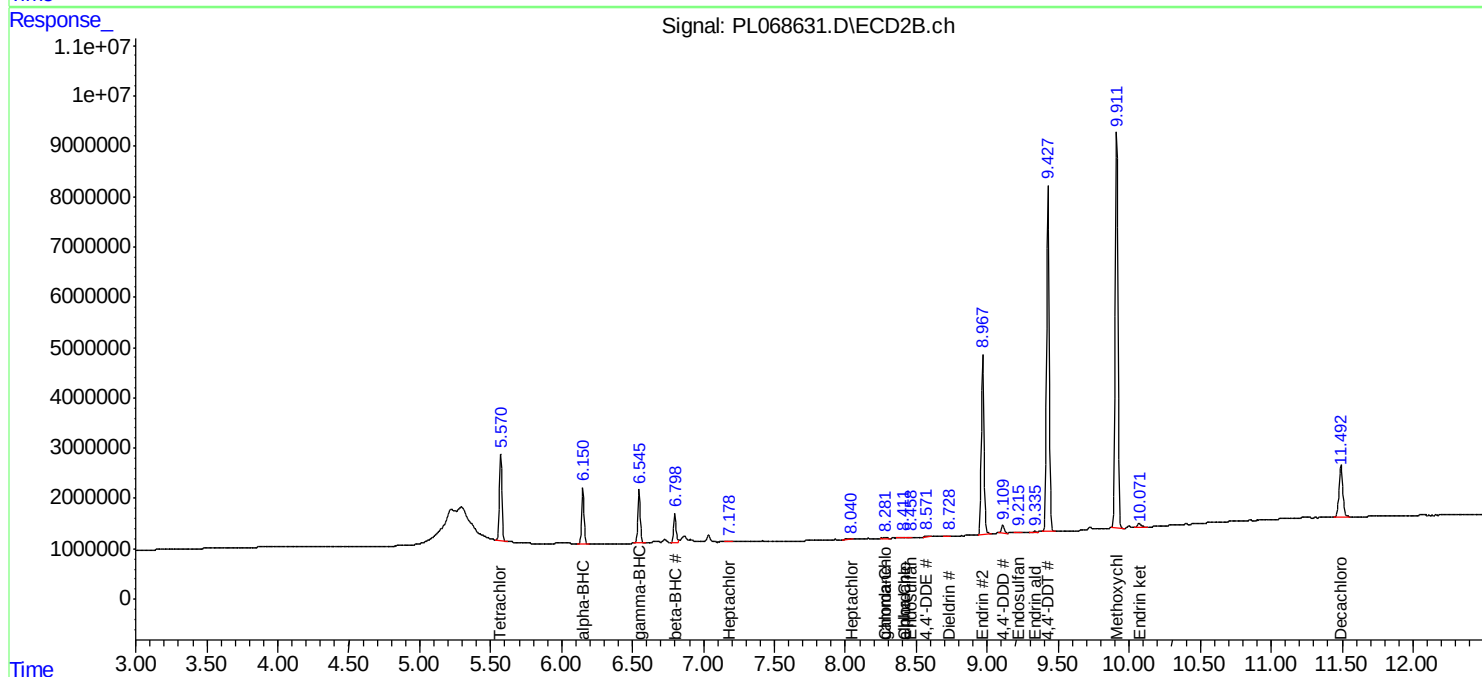
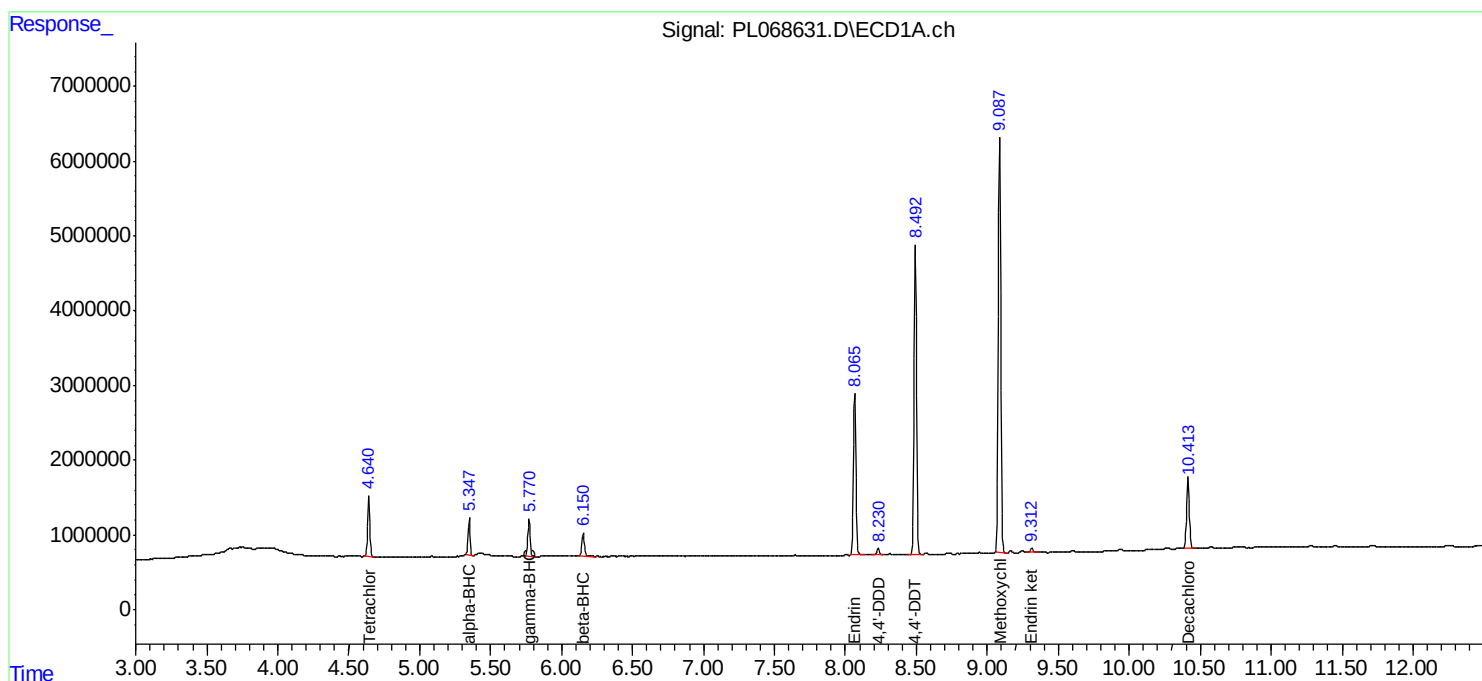
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

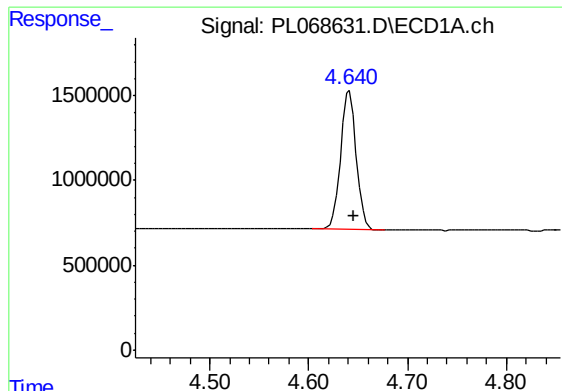
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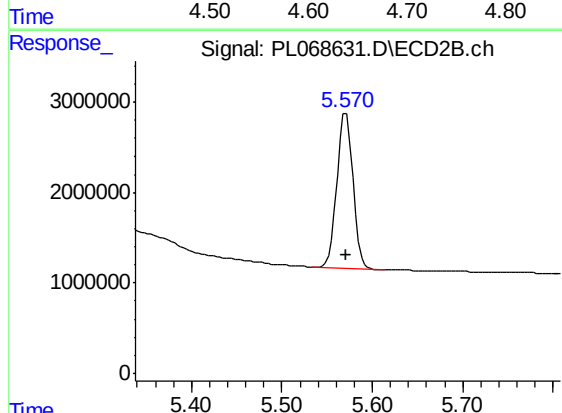




#1 Tetrachloro-m-xylene

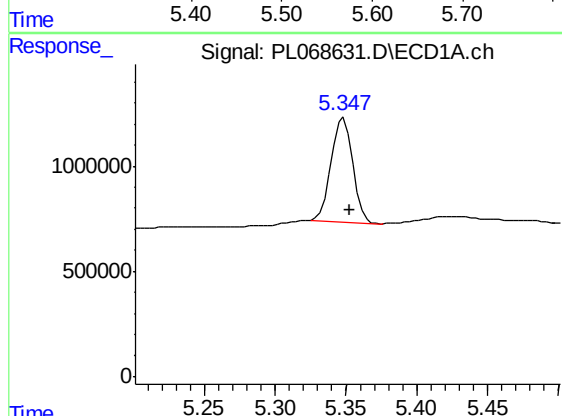
R.T.: 4.641 min
Delta R.T.: -0.004 min
Response: 9060392
Conc: 21.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



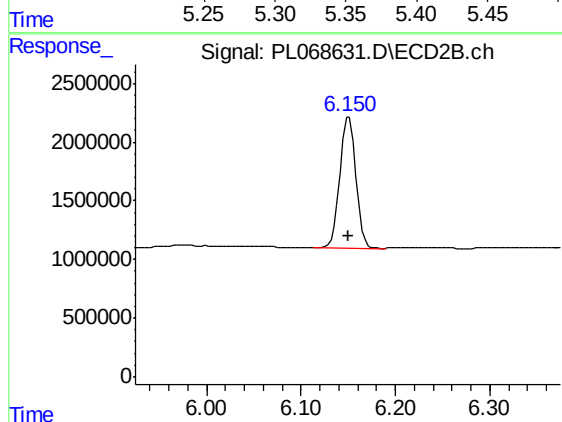
#1 Tetrachloro-m-xylene

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 21082881
Conc: 20.66 ng/ml



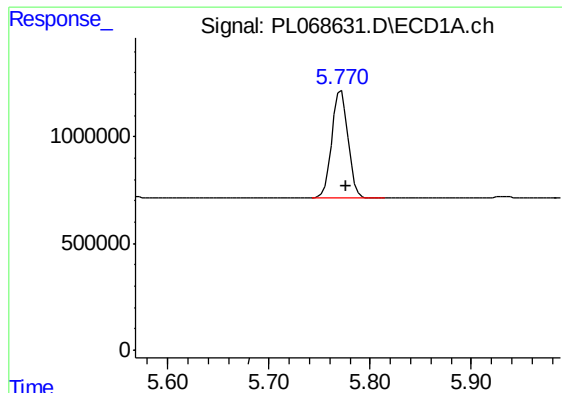
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.004 min
Response: 5274725
Conc: 9.01 ng/ml



#2 alpha-BHC

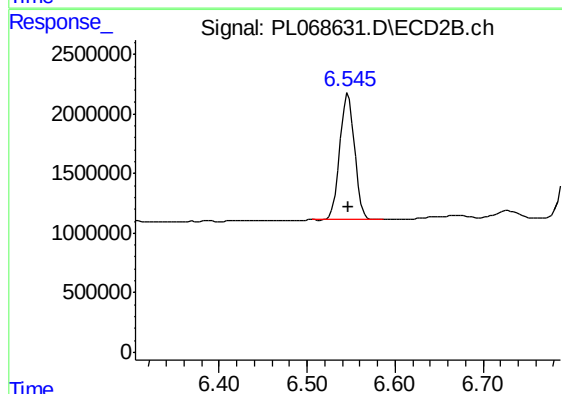
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 13035125
Conc: 9.59 ng/ml



#3 gamma-BHC (Lindane)

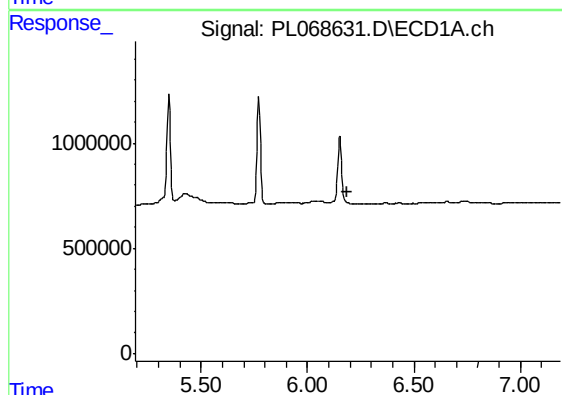
R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 5582096
Conc: 9.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



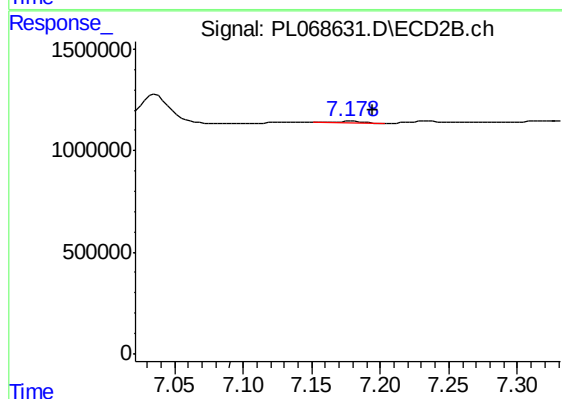
#3 gamma-BHC (Lindane)

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 12545482
Conc: 9.72 ng/ml



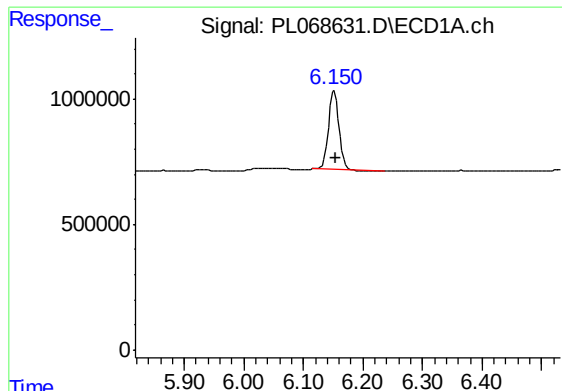
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



#4 Heptachlor

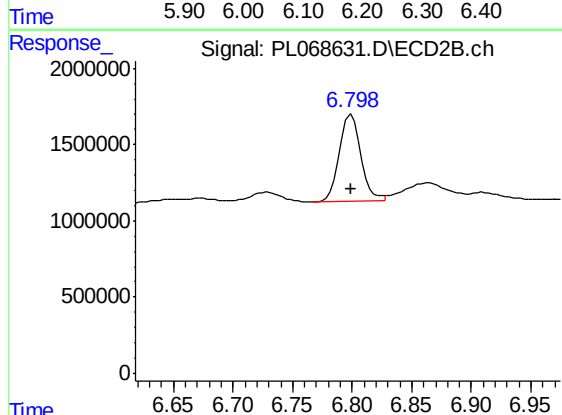
R.T.: 7.179 min
Delta R.T.: -0.016 min
Response: 66707
Conc: 0.05 ng/ml



#6 beta-BHC

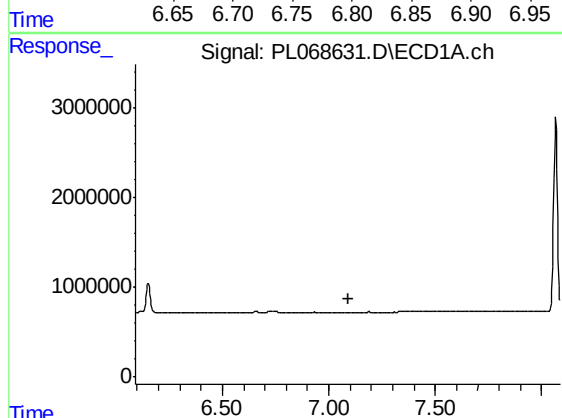
R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 3927623
Conc: 13.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



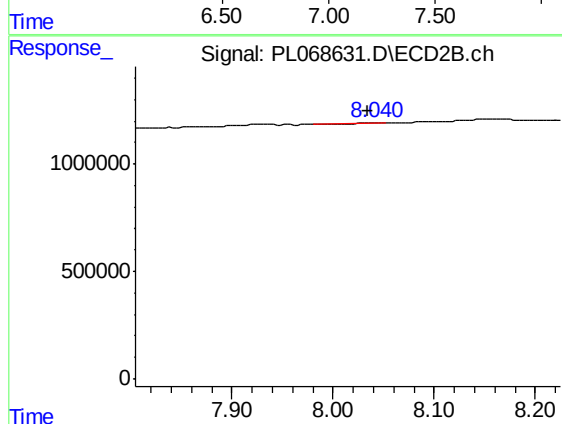
#6 beta-BHC

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 7048183
Conc: 9.98 ng/ml



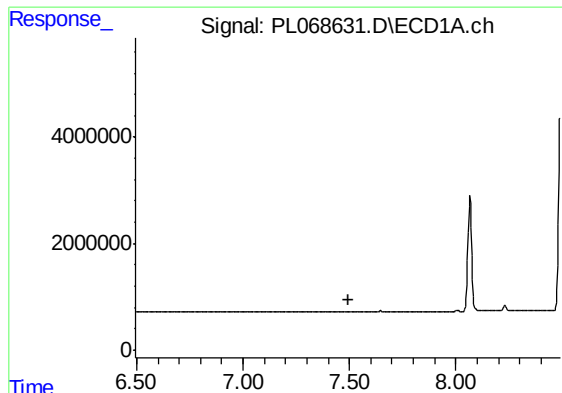
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 7.091 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

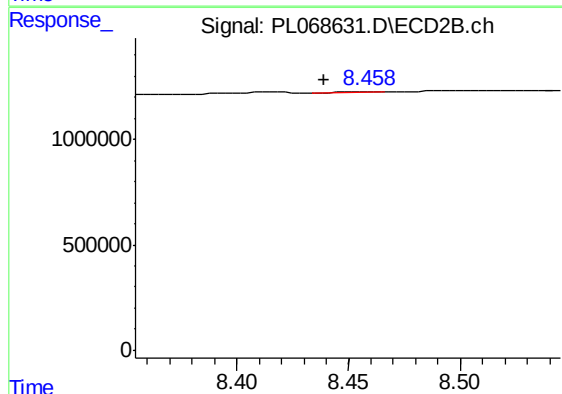
R.T.: 8.041 min
Delta R.T.: 0.007 min
Response: 38314
Conc: 0.03 ng/ml



#9 Endosulfan I

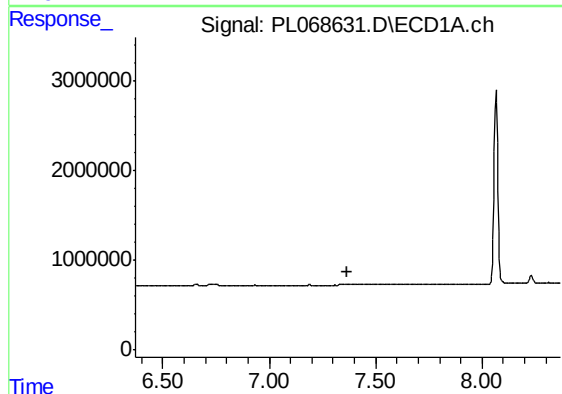
R.T.: 0.000 min
Exp R.T. : 7.494 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



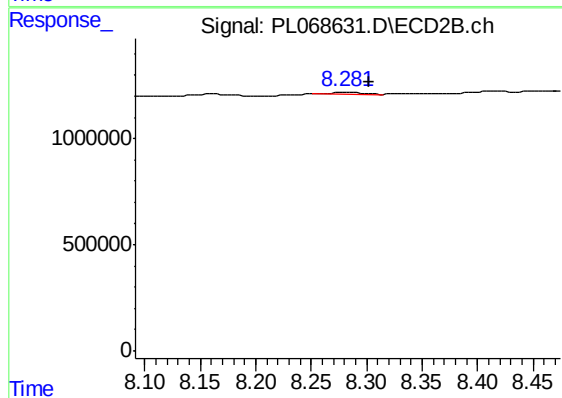
#9 Endosulfan I

R.T.: 8.460 min
Delta R.T.: 0.021 min
Response: 12960
Conc: 0.01 ng/ml



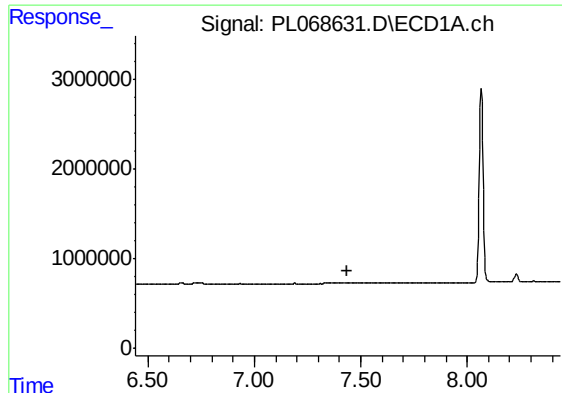
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 7.369 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

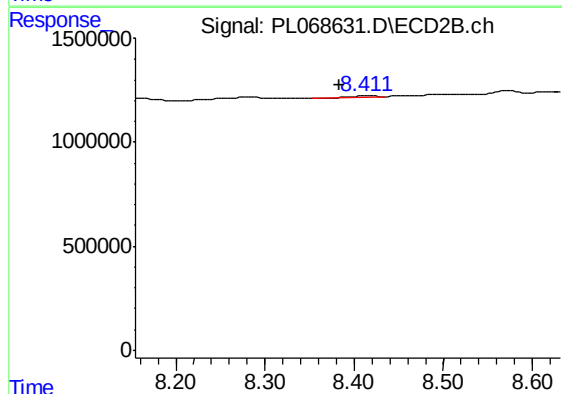
R.T.: 8.282 min
Delta R.T.: -0.020 min
Response: 148234
Conc: 0.13 ng/ml



#11 alpha-Chlordane

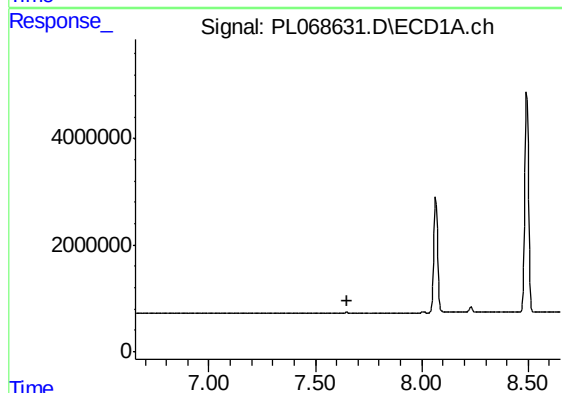
R.T.: 0.000 min
Exp R.T. : 7.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



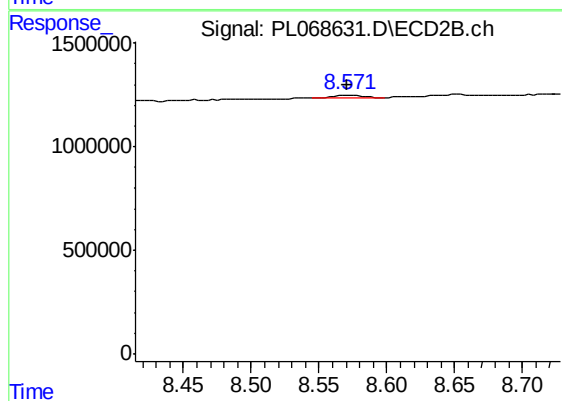
#11 alpha-Chlordane

R.T.: 8.412 min
Delta R.T.: 0.029 min
Response: 107428
Conc: 0.10 ng/ml



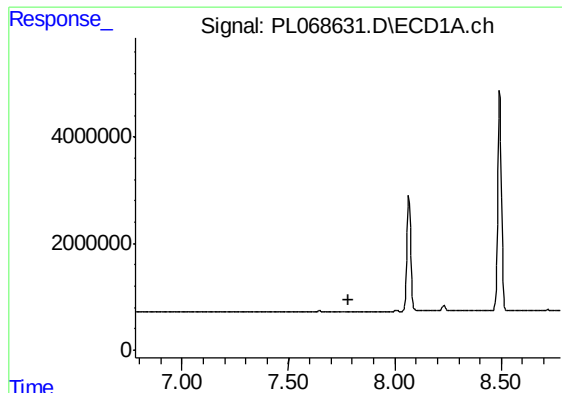
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 7.653 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

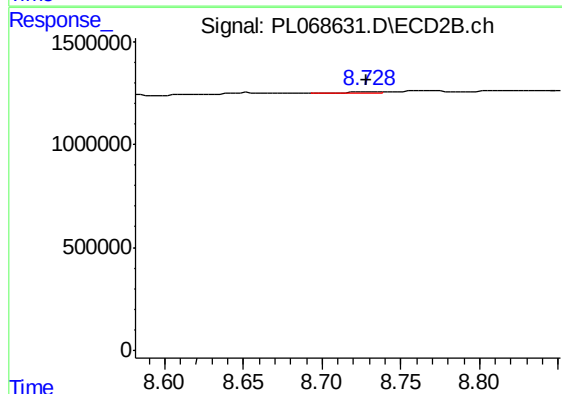
R.T.: 8.572 min
Delta R.T.: 0.001 min
Response: 200060
Conc: 0.19 ng/ml



#13 Dieldrin

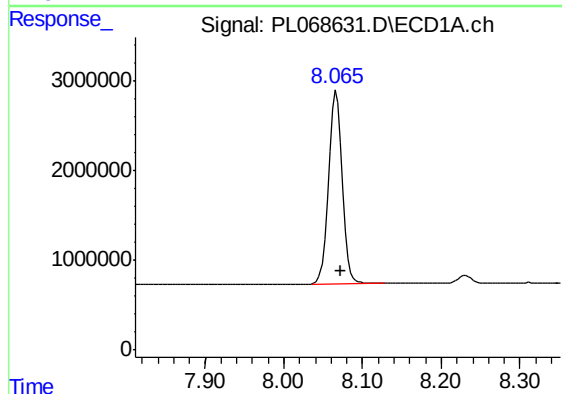
R.T.: 0.000 min
Exp R.T.: 7.781 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



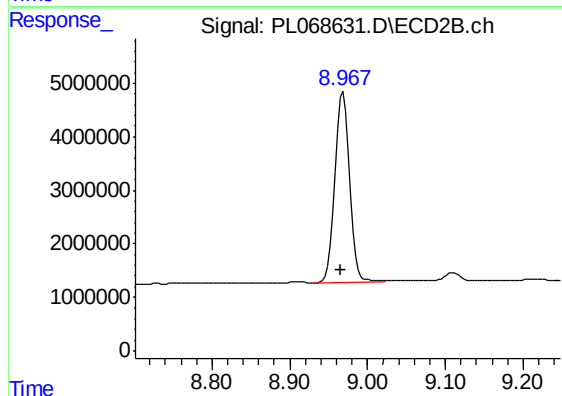
#13 Dieldrin

R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 44700
Conc: 0.04 ng/ml



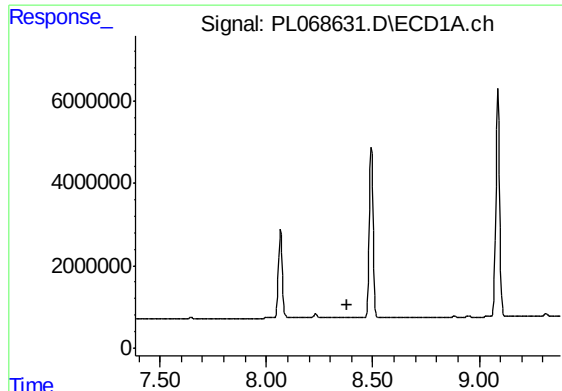
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.006 min
Response: 26375076
Conc: 52.74 ng/ml



#14 Endrin

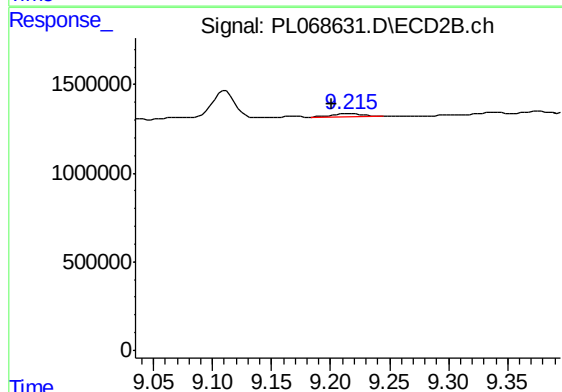
R.T.: 8.969 min
Delta R.T.: 0.002 min
Response: 47254790
Conc: 52.85 ng/ml



#15 Endosulfan II

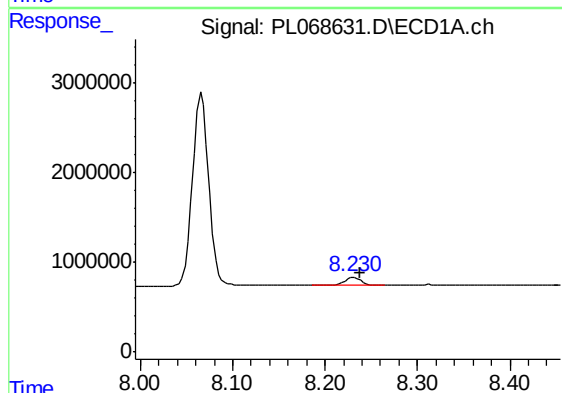
R.T.: 0.000 min
Exp R.T.: 8.382 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



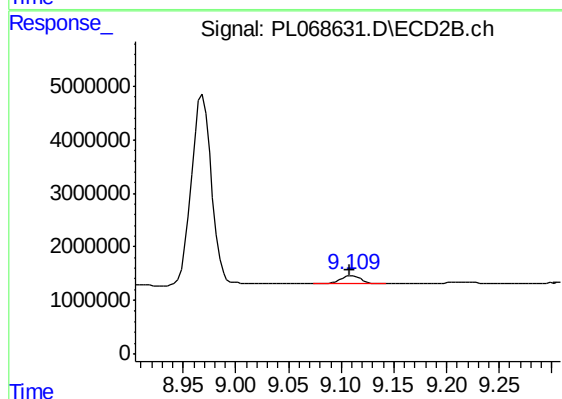
#15 Endosulfan II

R.T.: 9.217 min
Delta R.T.: 0.016 min
Response: 315099
Conc: 0.35 ng/ml



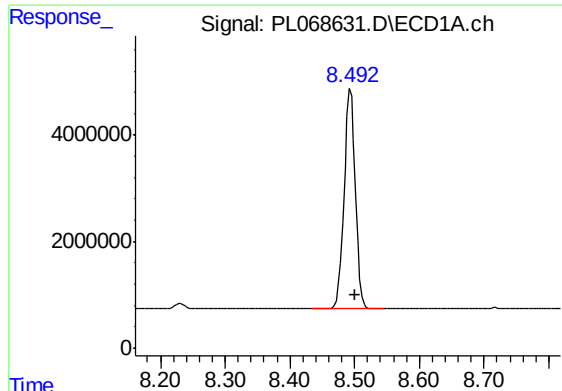
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.007 min
Response: 1102405
Conc: 2.47 ng/ml



#16 4,4'-DDD

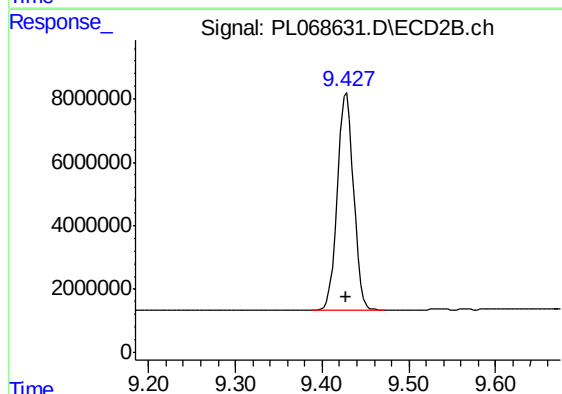
R.T.: 9.110 min
Delta R.T.: 0.002 min
Response: 1903480
Conc: 2.24 ng/ml



#17 4,4'-DDT

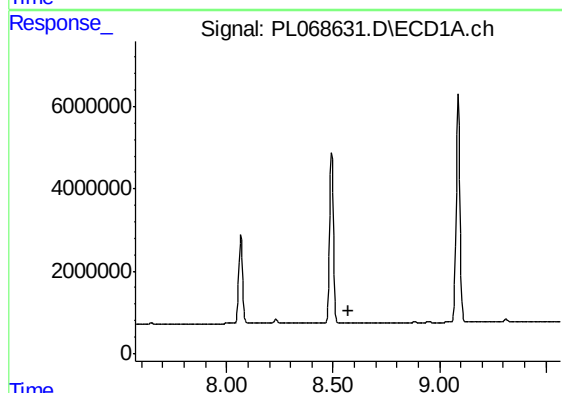
R.T.: 8.494 min
Delta R.T.: -0.007 min
Response: 49512980
Conc: 98.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



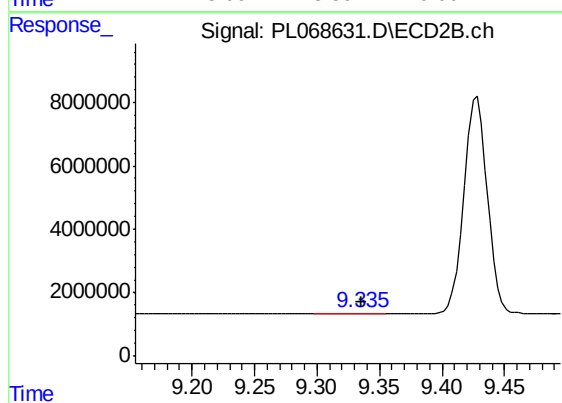
#17 4,4'-DDT

R.T.: 9.428 min
Delta R.T.: 0.001 min
Response: 89013306
Conc: 94.31 ng/ml



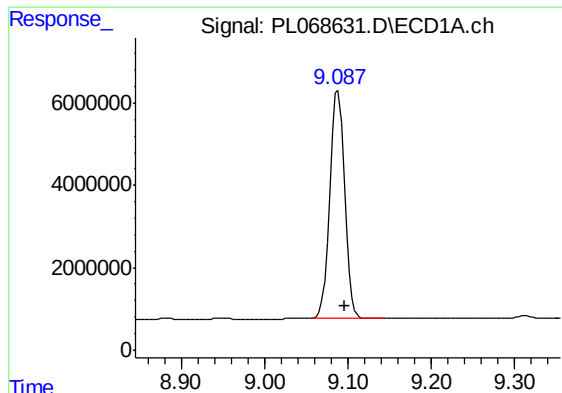
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 8.571 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

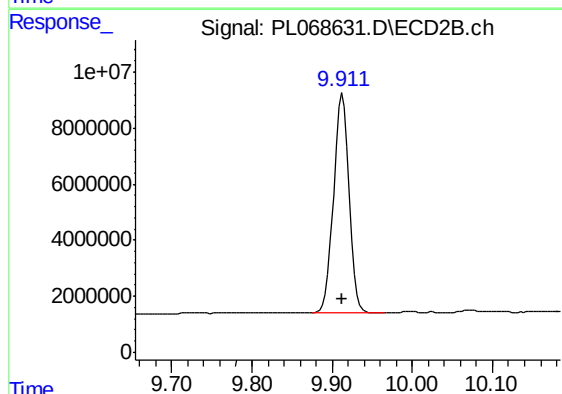
R.T.: 9.337 min
Delta R.T.: 0.002 min
Response: 138160
Conc: 0.19 ng/ml



#20 Methoxychlor

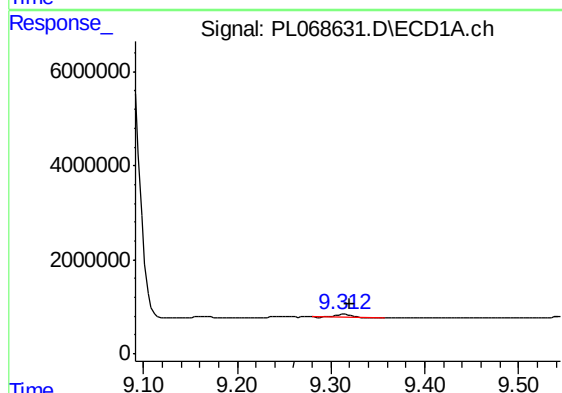
R.T.: 9.088 min
Delta R.T.: -0.008 min
Response: 68837824
Conc: 220.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



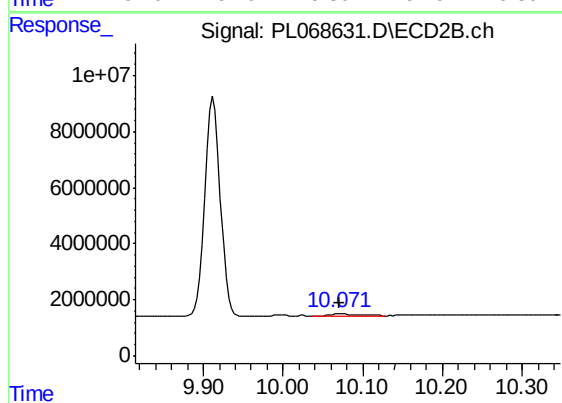
#20 Methoxychlor

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 105621020
Conc: 207.90 ng/ml



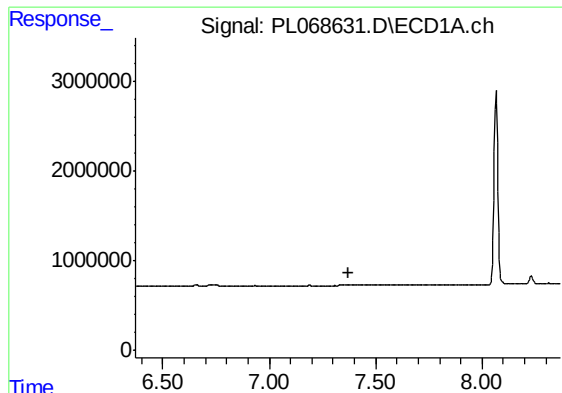
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: -0.007 min
Response: 693550
Conc: 1.17 ng/ml



#21 Endrin ketone

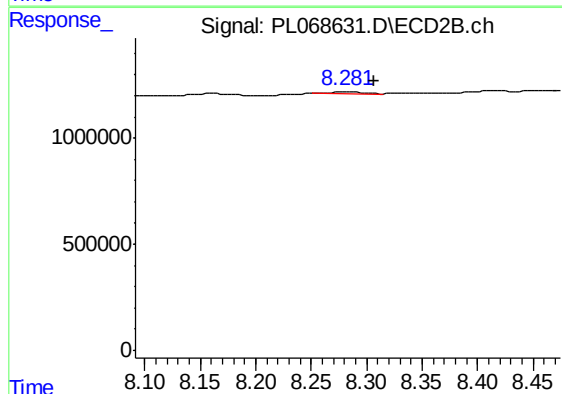
R.T.: 10.073 min
Delta R.T.: 0.001 min
Response: 1102539
Conc: 1.11 ng/ml



#25 Chlordane-3

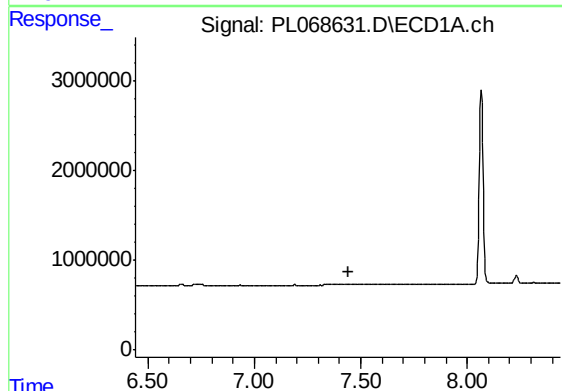
R.T.: 0.000 min
Exp R.T. : 7.371 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



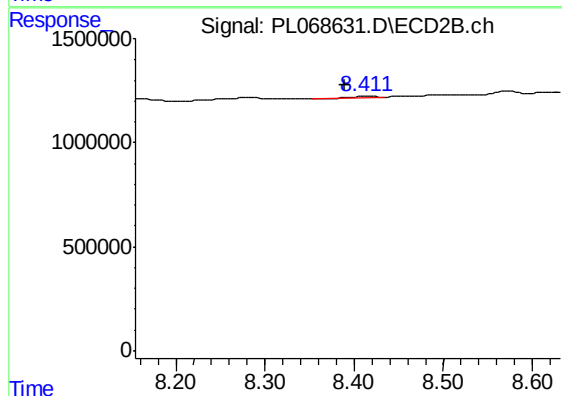
#25 Chlordane-3

R.T.: 8.282 min
Delta R.T.: -0.024 min
Response: 148234
Conc: 0.96 ng/ml



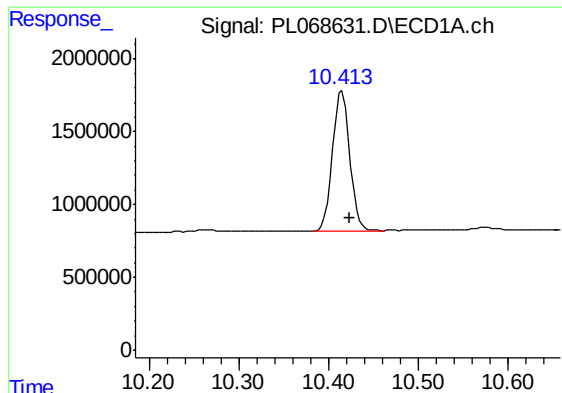
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 7.440 min
Response: 0
Conc: N.D.



#26 Chlordane-4

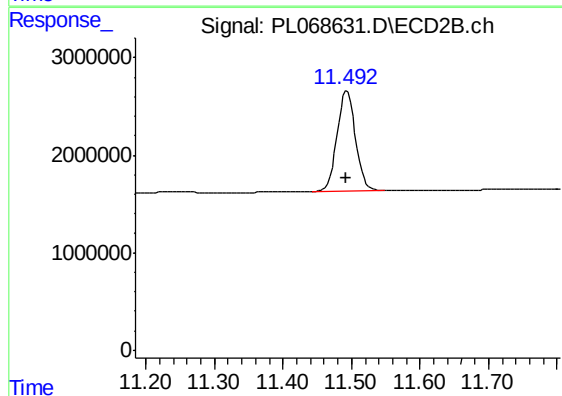
R.T.: 8.412 min
Delta R.T.: 0.023 min
Response: 107428
Conc: 0.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.009 min
Response: 12869567
Conc: 22.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 11.494 min
Delta R.T.: 0.002 min
Response: 19051068
Conc: 21.36 ng/ml