

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030824\
 Data File : PL088478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2024 18:54
 Operator : AR\AJ
 Sample : PEM221
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM259

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 21:55:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030824CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 08 16:13:19 2024
 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

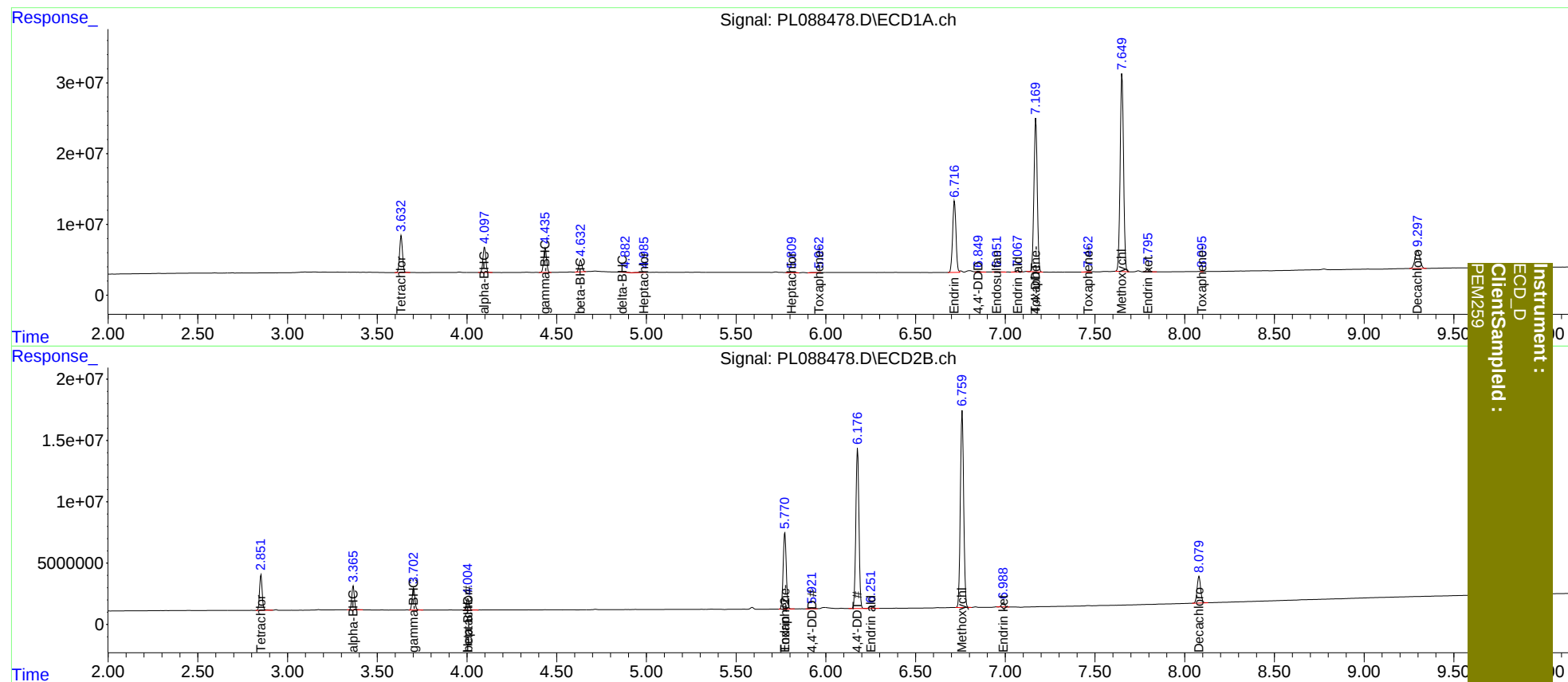
System Monitoring Compounds							
1)	SA Tetrachlo...	3.634	2.852	57913913	29717652	19.453	19.375
27)	SA Decachlor...	9.298	8.080	48530752	29835410	19.678	20.566
Target Compounds							
2)	A alpha-BHC	4.098	3.366	40021515	19685770	9.184	9.004
3)	MA gamma-BHC...	4.437	3.703	38981034	18846929	9.367	9.061
4)	MA Heptachlor	4.988f	4.005f	868112	10044391	0.204	4.909 #
6)	B beta-BHC	4.634	4.005	19117556	10044391	10.149	10.411
7)	B delta-BHC	4.868	0.000	1305685	0	0.313	N.D. #
8)	B Heptachlo...	5.810	0.000	1794873	0	0.483	N.D. #
12)	B 4,4'-DDE	6.328	0.000	291598	0	<MDL	N.D. #
14)	MA Endrin	6.717	5.772	131.5E6	75326815	44.457	45.846
15)	B Endosulfa...	6.952	0.000	1422702	0	0.484	N.D. #
16)	A 4,4'-DDD	6.850	5.923	2189087	832374	0.814	0.589 #
17)	MA 4,4'-DDT	7.170	6.177	277.6E6	158.2E6	96.550	100.508
18)	B Endrin al...	7.069	6.252	2793909	2175343	1.275	1.866 #
20)	A Methoxychlor	7.651	6.760	371.1E6	206.7E6	238.007	239.618
21)	B Endrin ke...	7.797	6.989	6581133	4069721	2.199	2.352
22)	Toxaphene-1	5.963	0.000	847497	0	76.981	N.D. #
23)	Toxaphene-2	7.170f	5.772f	277.6E6	75326815	3139.789	6841.015 #
25)	Toxaphene-4	7.463f	0.000	401944	0	10.988	N.D. #
26)	Toxaphene-5	8.098	0.000	126057	0	2.697	N.D. #

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

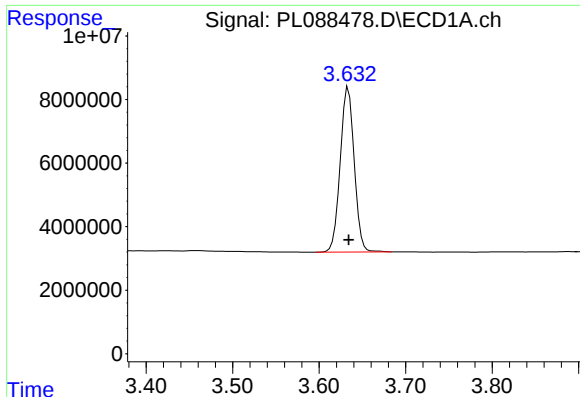
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030824\
Data File : PL088478.D
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Acq On : 08 Mar 2024 18:54
Operator : AR\AJ
Sample : PEM221
Misc :
ALS Vial : 3 Sample Multiplier: 1

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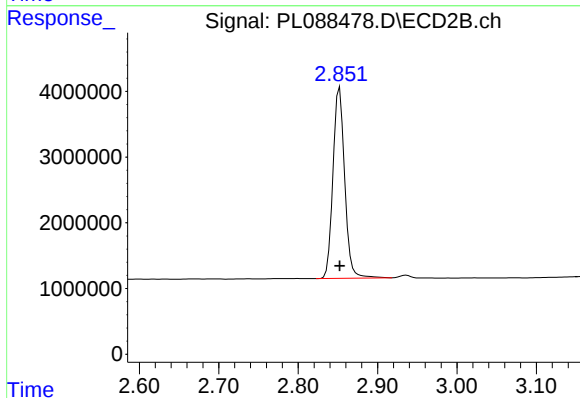
Instrument :
ECD_D
ClientSampled :
PEM259



#1 Tetrachloro-m-xylene

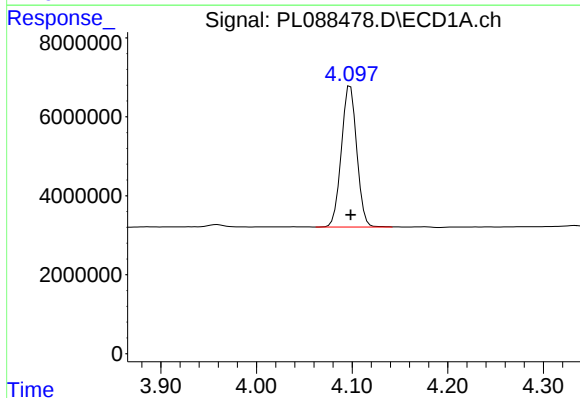
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 57913913
Conc: 19.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



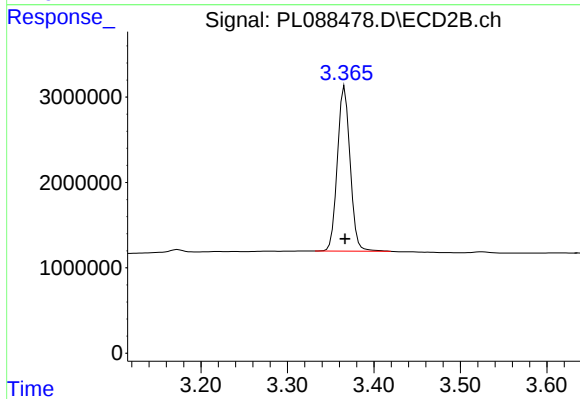
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 29717652
Conc: 19.37 ng/ml



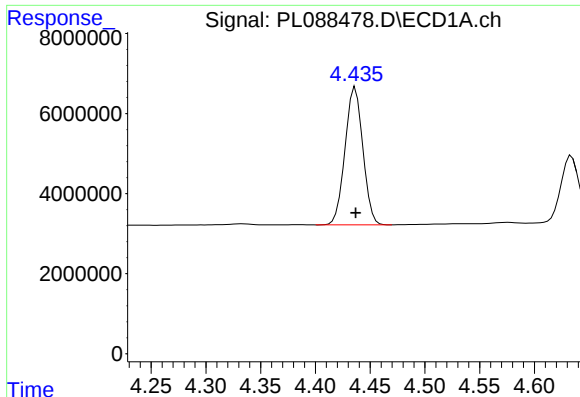
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 40021515
Conc: 9.18 ng/ml



#2 alpha-BHC

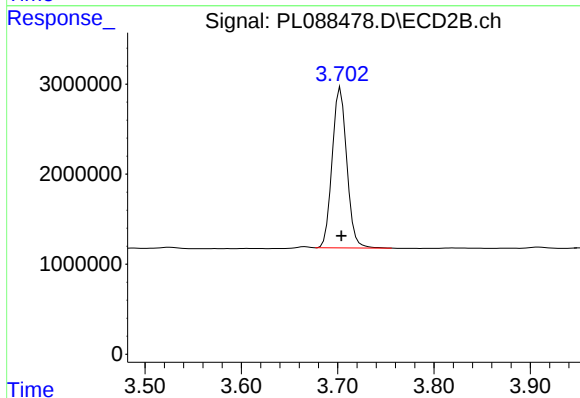
R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 19685770
Conc: 9.00 ng/ml



#3 gamma-BHC (Lindane)

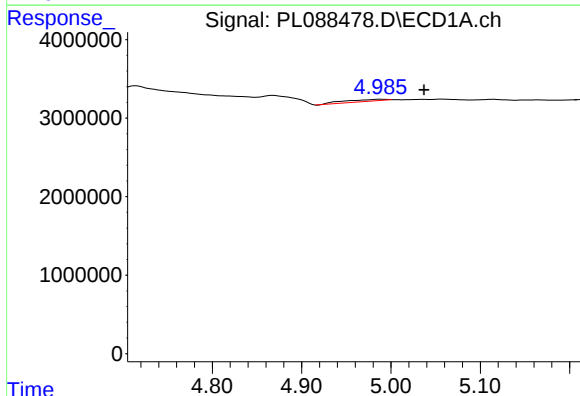
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 38981034
Conc: 9.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



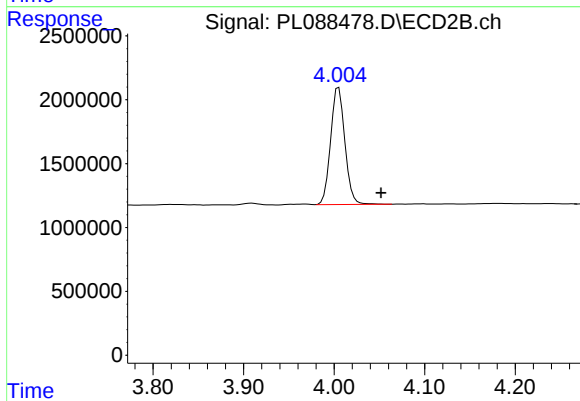
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 18846929
Conc: 9.06 ng/ml



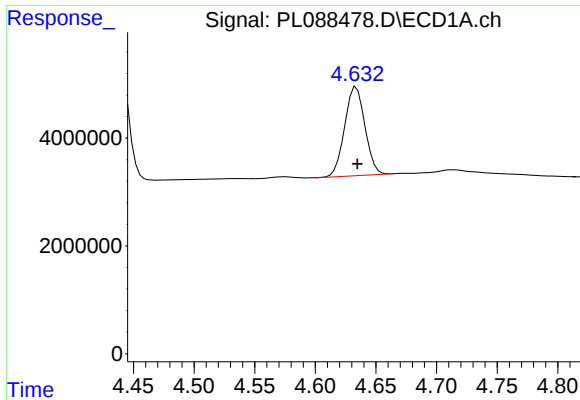
#4 Heptachlor

R.T.: 4.988 min
Delta R.T.: -0.049 min
Response: 868112
Conc: 0.20 ng/ml



#4 Heptachlor

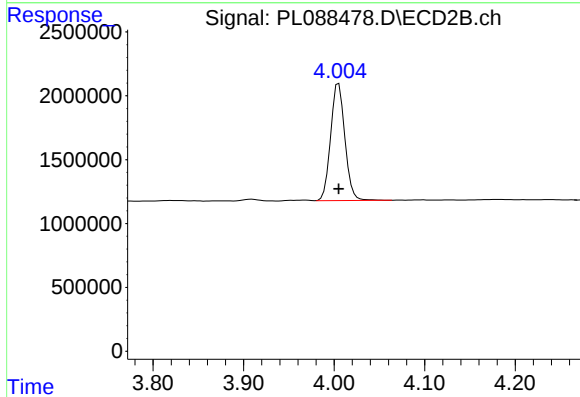
R.T.: 4.005 min
Delta R.T.: -0.047 min
Response: 10044391
Conc: 4.91 ng/ml



#6 beta-BHC

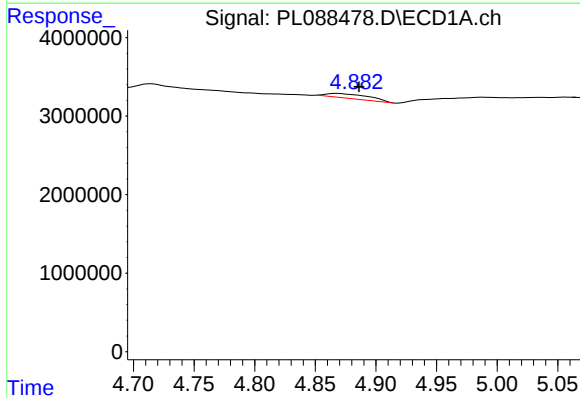
R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 19117556
Conc: 10.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



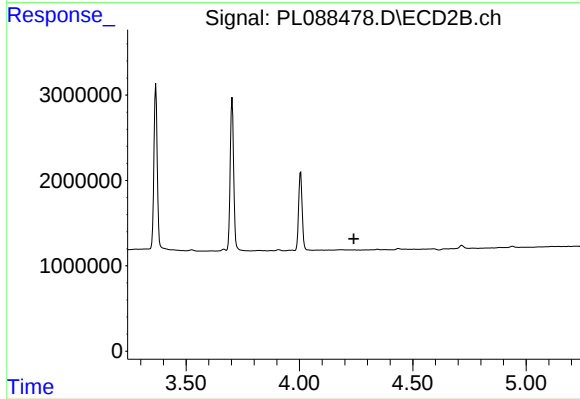
#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 10044391
Conc: 10.41 ng/ml



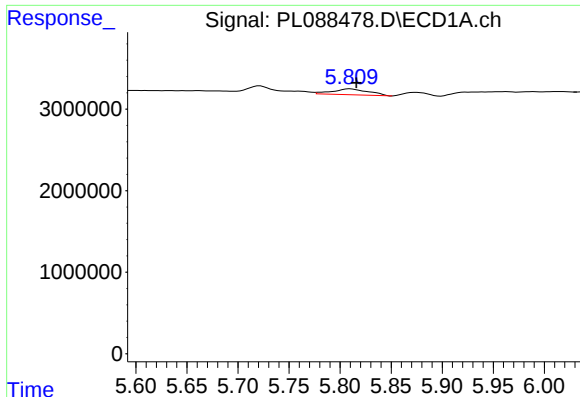
#7 delta-BHC

R.T.: 4.868 min
Delta R.T.: -0.018 min
Response: 1305685
Conc: 0.31 ng/ml



#7 delta-BHC

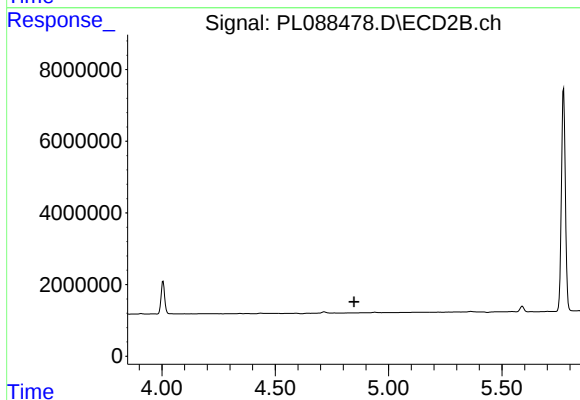
R.T.: 0.000 min
Exp R.T. : 4.240 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

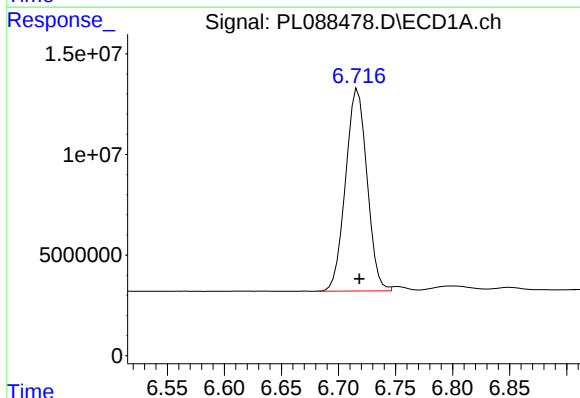
R.T.: 5.810 min
Delta R.T.: -0.006 min
Response: 1794873
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



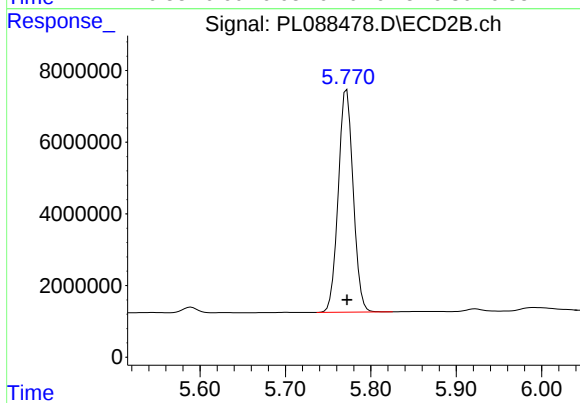
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



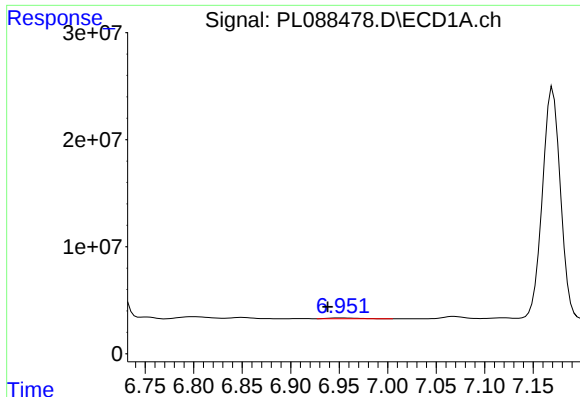
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.001 min
Response: 131519609
Conc: 44.46 ng/ml



#14 Endrin

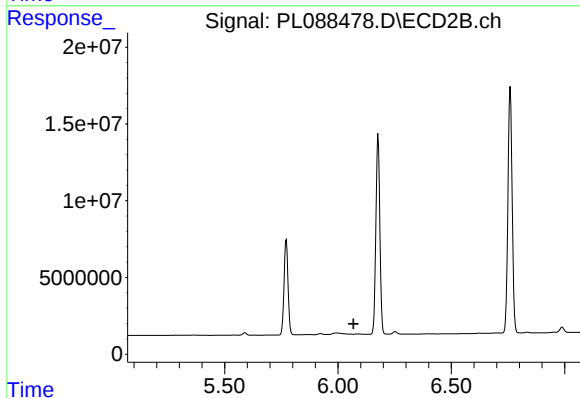
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 75326815
Conc: 45.85 ng/ml



#15 Endosulfan II

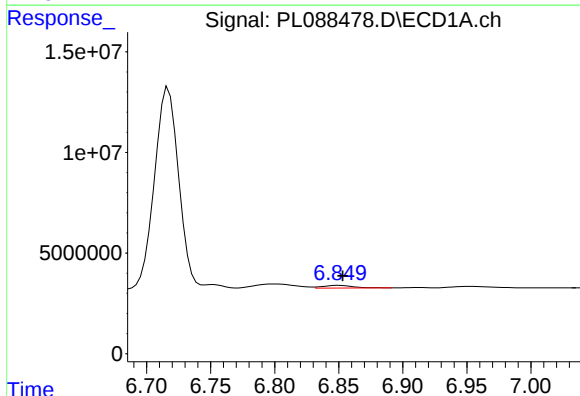
R.T.: 6.952 min
Delta R.T.: 0.014 min
Response: 1422702
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



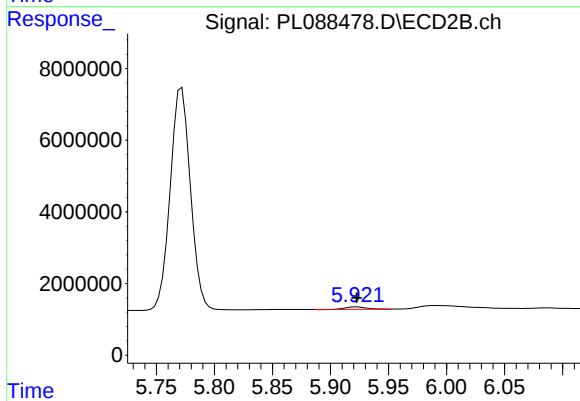
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.069 min
Response: 0
Conc: N.D.



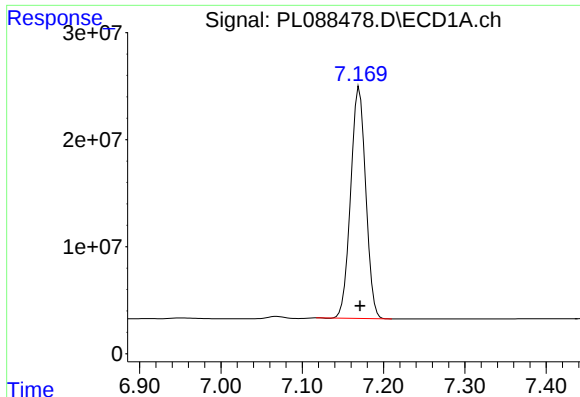
#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 2189087
Conc: 0.81 ng/ml



#16 4,4'-DDD

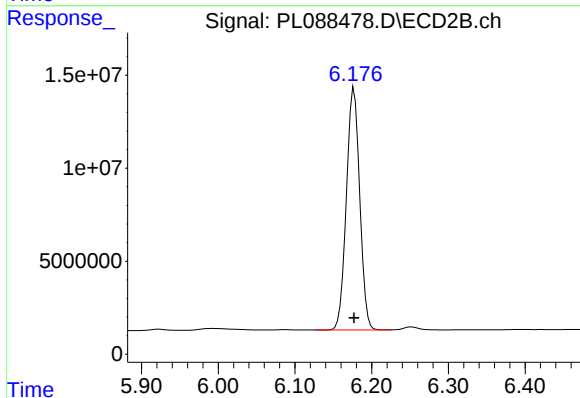
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 832374
Conc: 0.59 ng/ml



#17 4,4'-DDT

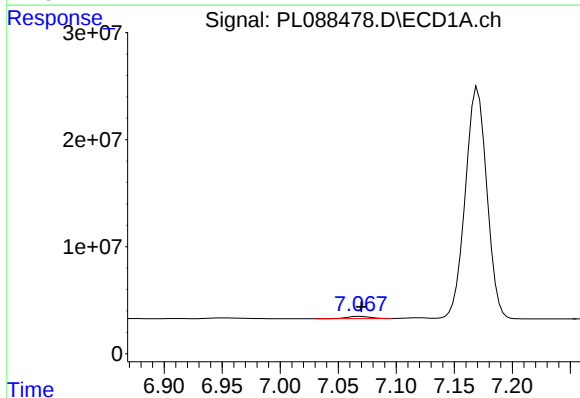
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 277607130
Conc: 96.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



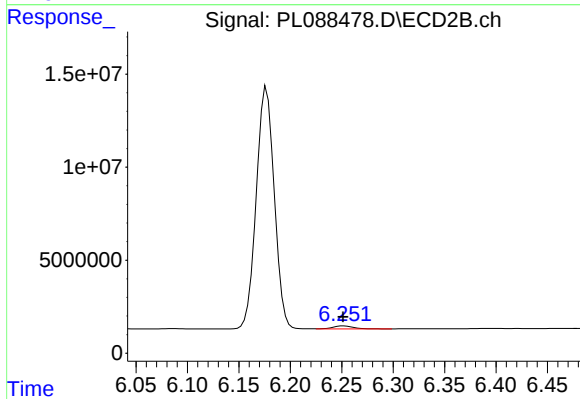
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 158220847
Conc: 100.51 ng/ml



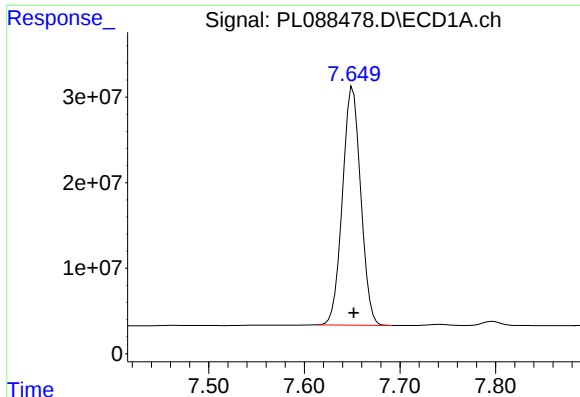
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 2793909
Conc: 1.27 ng/ml



#18 Endrin aldehyde

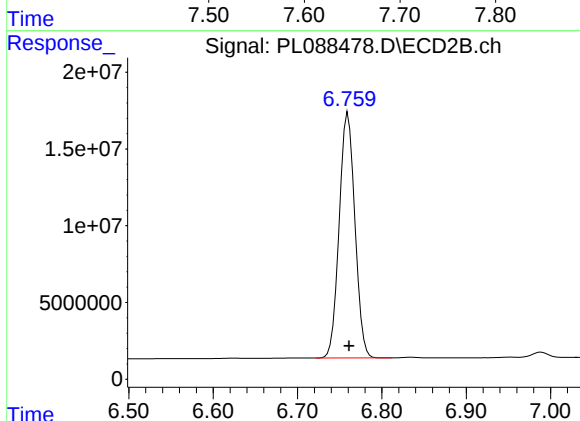
R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 2175343
Conc: 1.87 ng/ml



#20 Methoxychlor

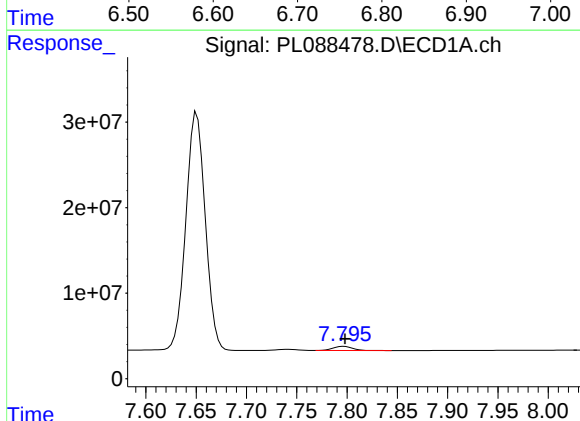
R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 371078618
Conc: 238.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



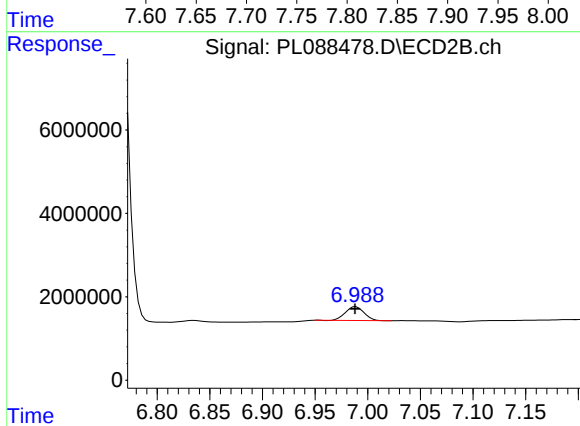
#20 Methoxychlor

R.T.: 6.760 min
Delta R.T.: -0.001 min
Response: 206665860
Conc: 239.62 ng/ml



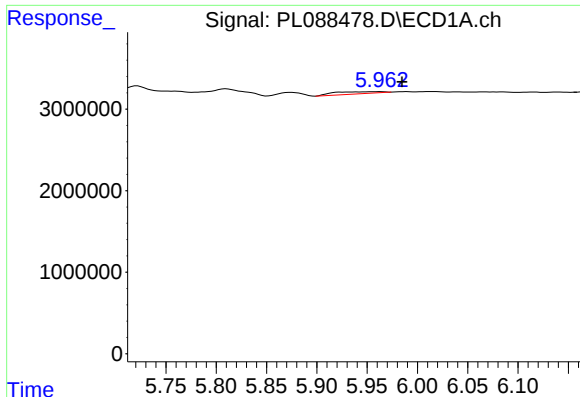
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.001 min
Response: 6581133
Conc: 2.20 ng/ml



#21 Endrin ketone

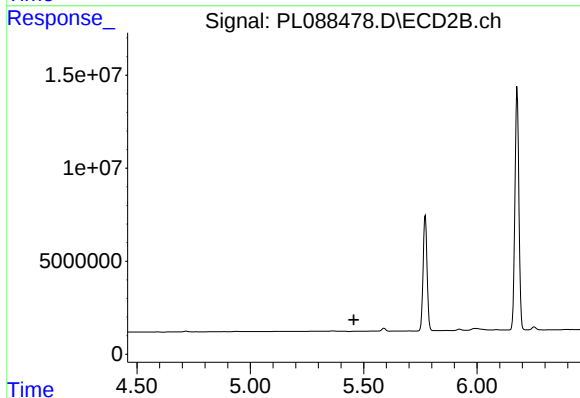
R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 4069721
Conc: 2.35 ng/ml



#22 Toxaphene-1

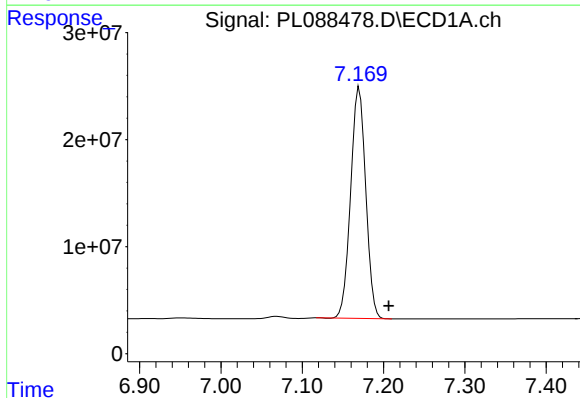
R.T.: 5.963 min
Delta R.T.: -0.022 min
Response: 847497
Conc: 76.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



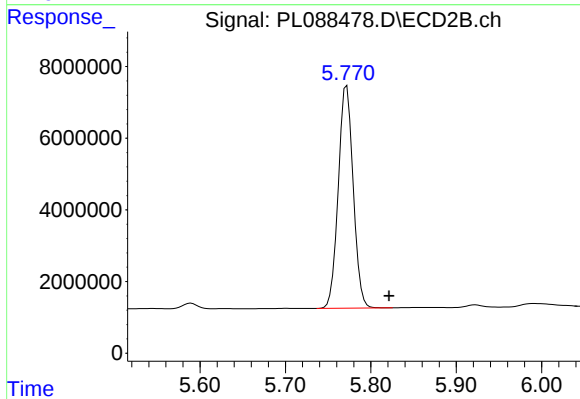
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.457 min
Response: 0
Conc: N.D.



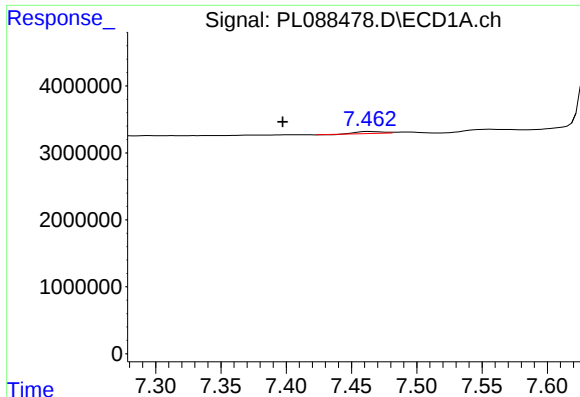
#23 Toxaphene-2

R.T.: 7.170 min
Delta R.T.: -0.036 min
Response: 277607130
Conc: 3139.79 ng/ml



#23 Toxaphene-2

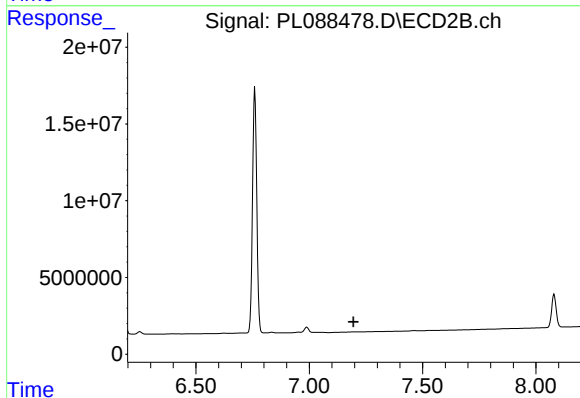
R.T.: 5.772 min
Delta R.T.: -0.049 min
Response: 75326815
Conc: 6841.02 ng/ml



#25 Toxaphene-4

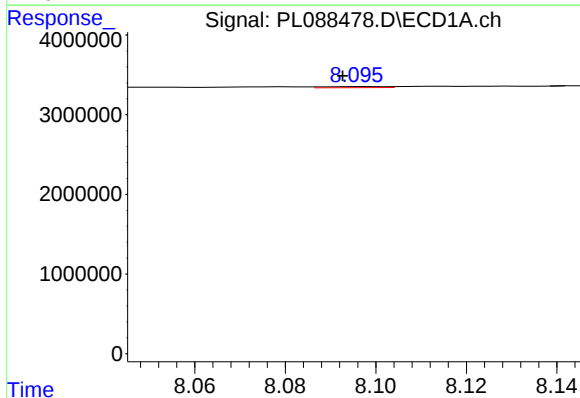
R.T.: 7.463 min
Delta R.T.: 0.066 min
Response: 401944
Conc: 10.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



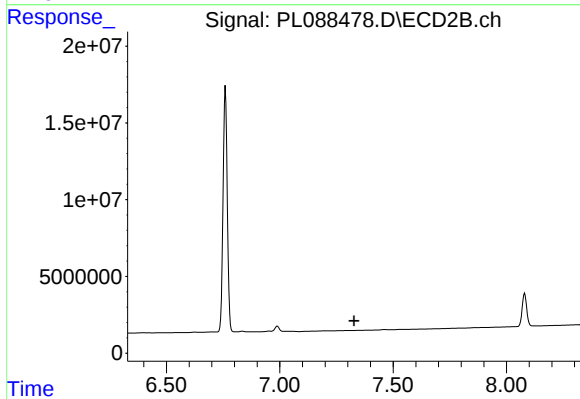
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.195 min
Response: 0
Conc: N.D.



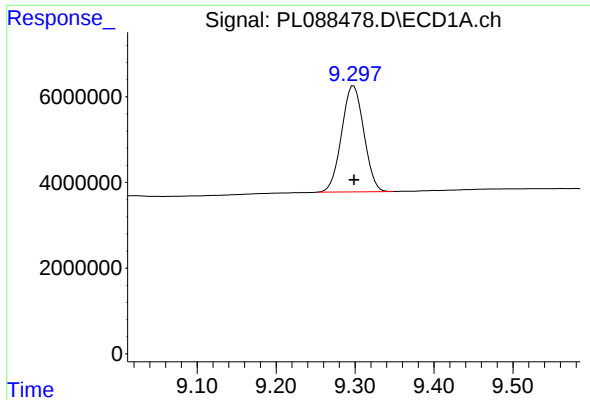
#26 Toxaphene-5

R.T.: 8.098 min
Delta R.T.: 0.005 min
Response: 126057
Conc: 2.70 ng/ml



#26 Toxaphene-5

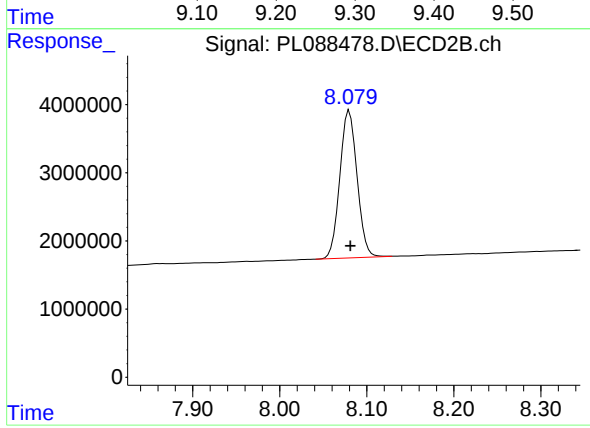
R.T.: 0.000 min
Exp R.T. : 7.328 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: 0.000 min
Response: 48530752
Conc: 19.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM259



#27 Decachlorobiphenyl

R.T.: 8.080 min
Delta R.T.: -0.001 min
Response: 29835410
Conc: 20.57 ng/ml