

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 19:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 00:37:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.496	4.013	21099659	163.3E6	20.527	20.613
28)	SA Decachlor...	8.240	9.083	25968618	102.1E6	22.919	21.566
Target Compounds							
2)	A alpha-BHC	3.935	4.408	14943132	123.8E6	10.441	10.656
3)	MA gamma-BHC...	4.219	4.694	14833515	111.5E6	10.812	10.524
4)	MA Heptachlor	0.000	5.174f	0	8684457	N.D.	0.866 #
6)	B beta-BHC	4.467	4.870	7801100	58459891	3.453	10.018 #
7)	B delta-BHC	0.000	5.093	0	4459953	N.D.	0.459 #
8)	B Heptachlo...	0.000	5.890	0	62285545	N.D.	8.349 #
9)	A Endosulfan I	0.000	6.252	0	6043528	N.D.	0.858 #
10)	B gamma-Chl...	0.000	6.098f	0	47877304	N.D.	6.262 #
11)	B alpha-Chl...	0.000	6.219f	0	34659721	N.D.	4.656 #
12)	B 4,4'-DDE	0.000	6.363	0	3132245	N.D.	0.436 #
14)	MA Endrin	6.047	6.727	53815560	251.5E6	51.282	40.865
16)	A 4,4'-DDD	6.169	6.851	775597	6708657	0.820	1.141 #
17)	MA 4,4'-DDT	6.409	7.148	97460312	572.6E6	98.000	95.484
18)	B Endrin al...	0.000	7.065	0	3508566	N.D.	0.752 #
20)	A Methoxychlor	6.955	7.608	135.0E6	684.5E6	229.113	226.188
21)	B Endrin ke...	7.191	7.762	1532864	7075966	1.202	1.089
23)	Chlordane-1	4.395f	0.000	2015023	0	53.206	N.D. #
25)	Chlordane-3	0.000	6.098f	0	47877304	N.D.	46.310 #
26)	Chlordane-4	0.000	6.219f	0	34659721	N.D.	28.827 #

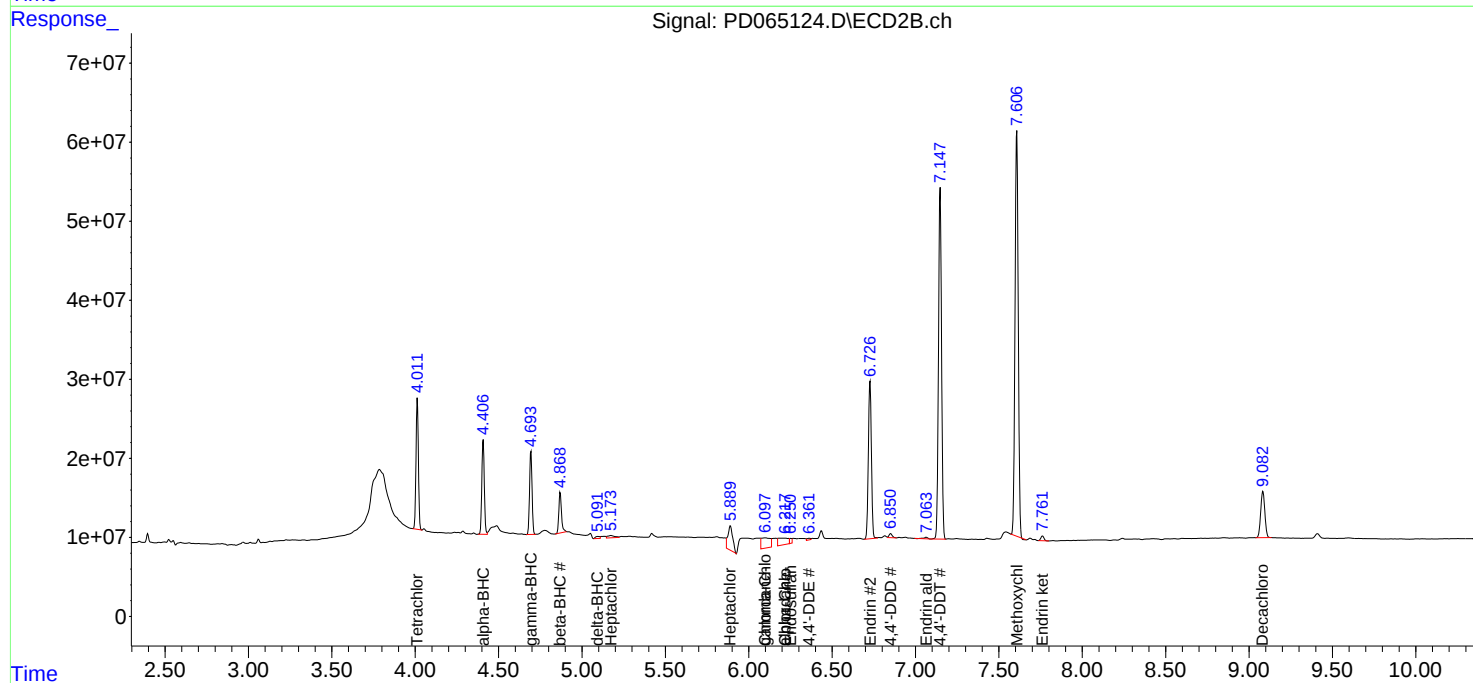
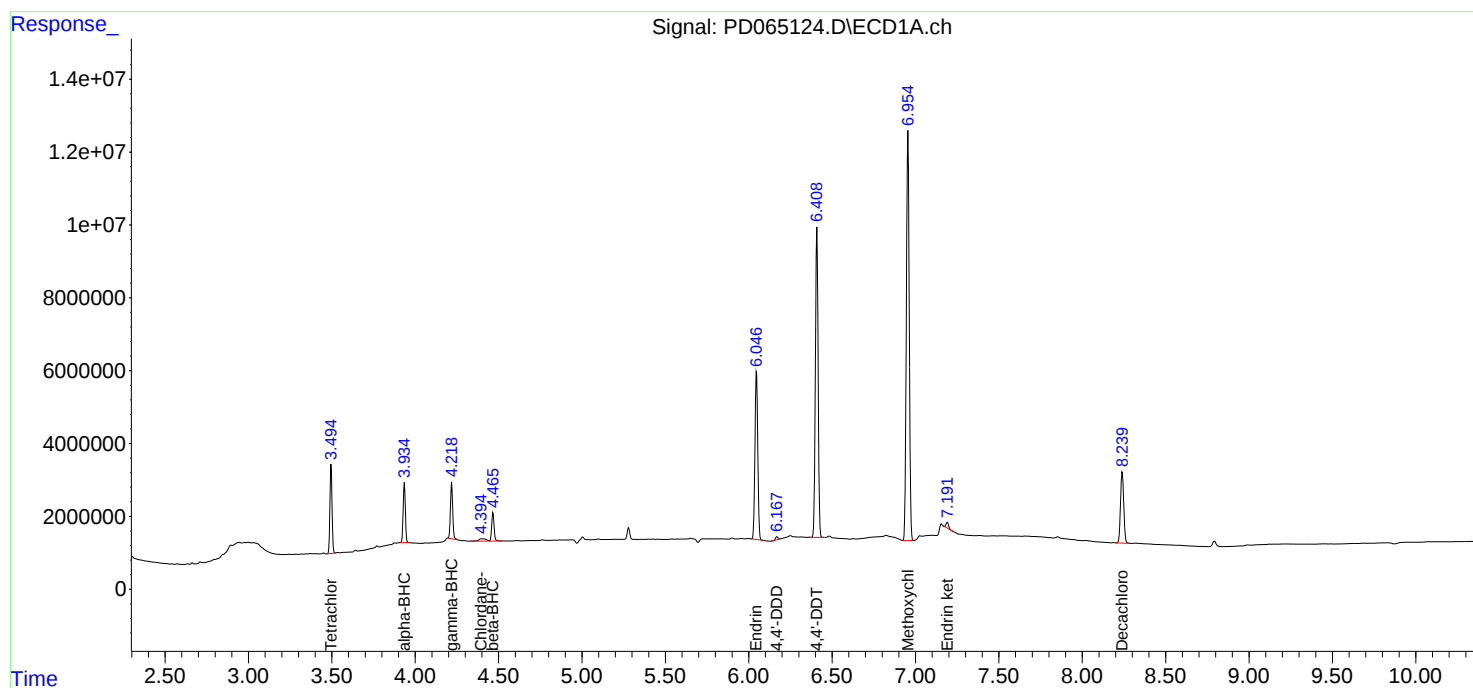
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

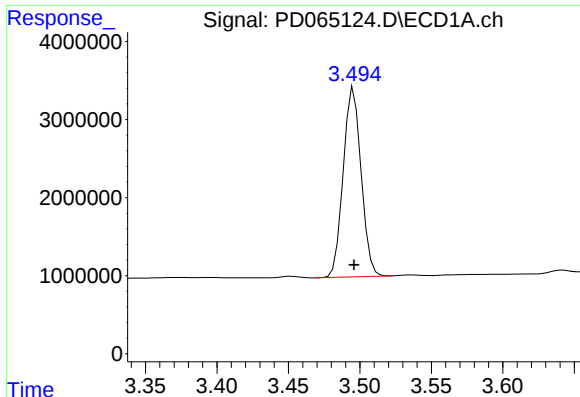
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
Data File : PD065124.D
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Acq On : 20 Aug 2021 19:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
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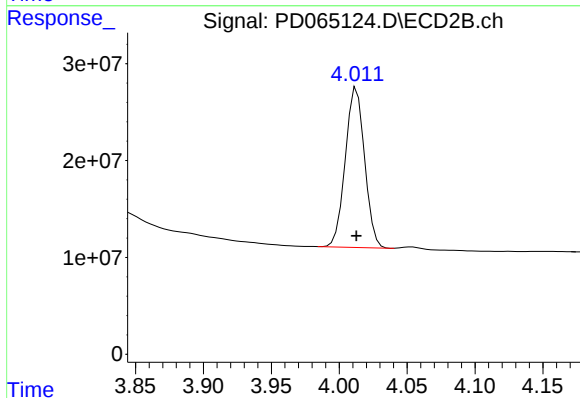




#1 Tetrachloro-m-xylene

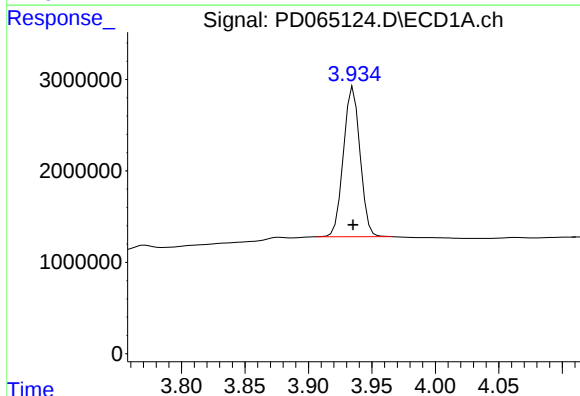
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 21099659
Conc: 20.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



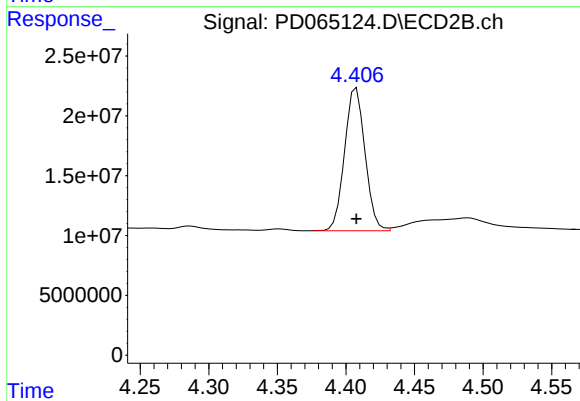
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 163267859
Conc: 20.61 ng/ml



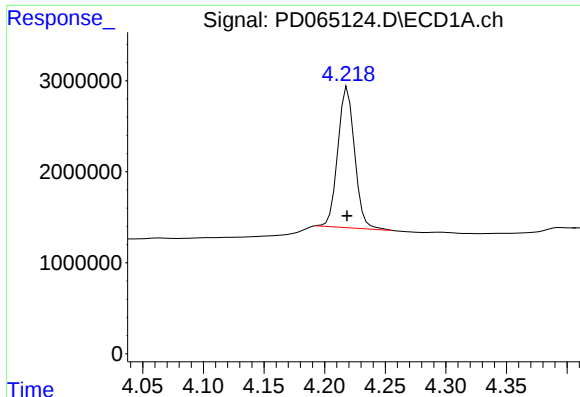
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 14943132
Conc: 10.44 ng/ml



#2 alpha-BHC

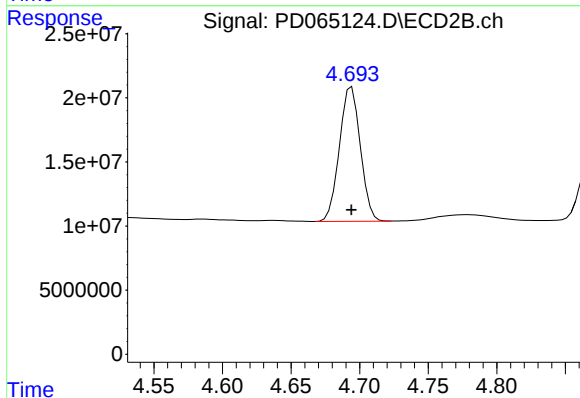
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 123794090
Conc: 10.66 ng/ml



#3 gamma-BHC (Lindane)

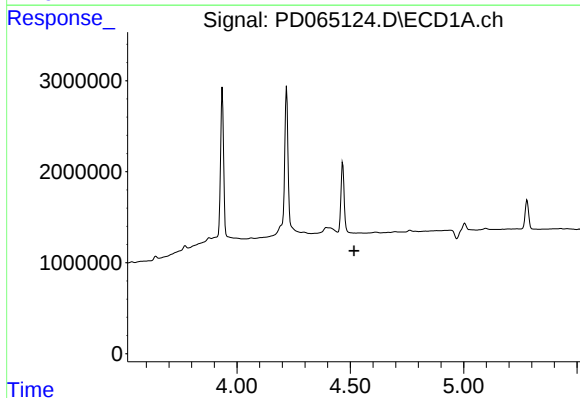
R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 14833515
Conc: 10.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



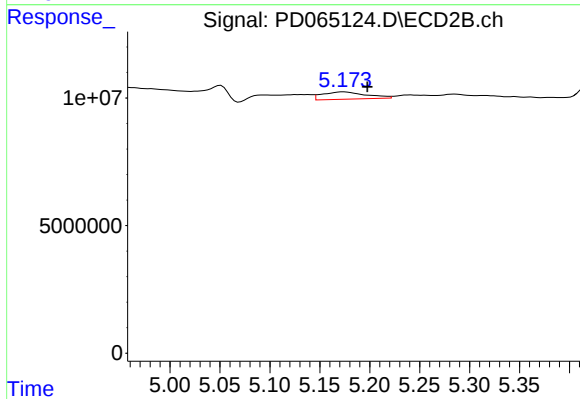
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 111489748
Conc: 10.52 ng/ml



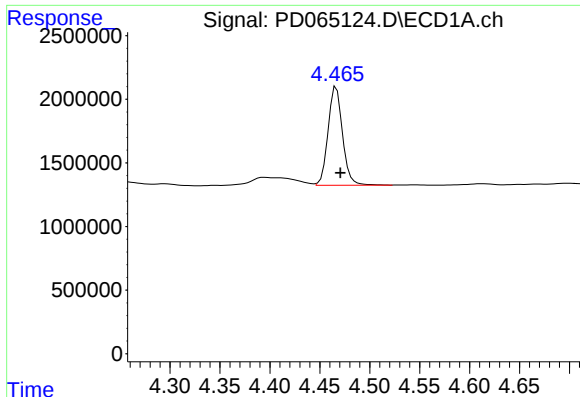
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.517 min
Response: 0
Conc: N.D.



#4 Heptachlor

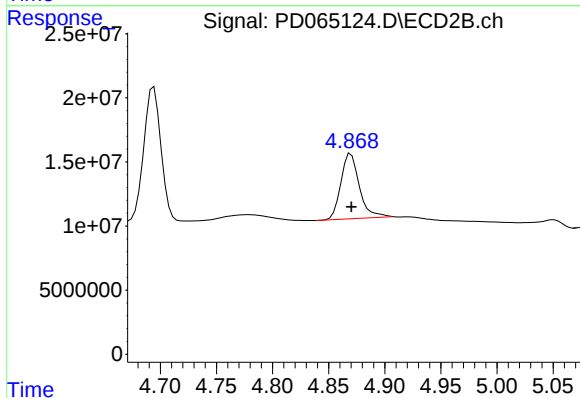
R.T.: 5.174 min
Delta R.T.: -0.024 min
Response: 8684457
Conc: 0.87 ng/ml



#6 beta-BHC

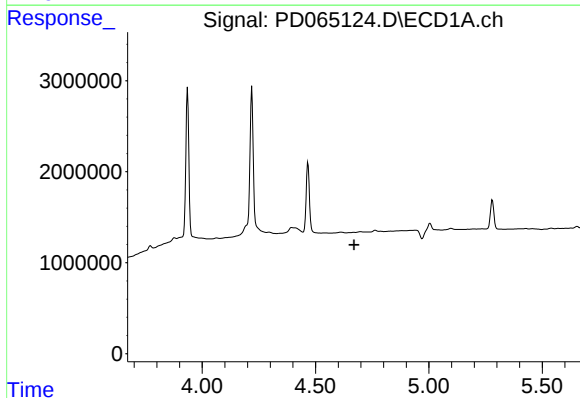
R.T.: 4.467 min
Delta R.T.: -0.004 min
Response: 7801100
Conc: 3.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



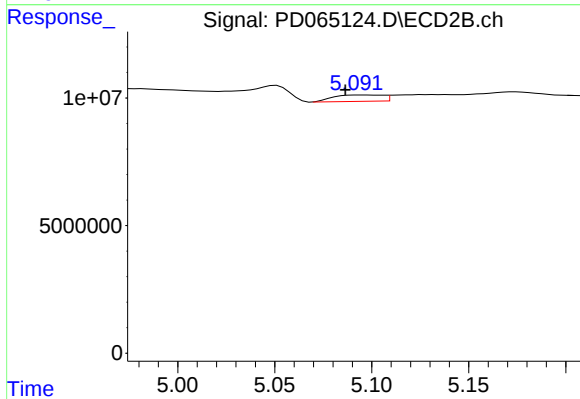
#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 58459891
Conc: 10.02 ng/ml



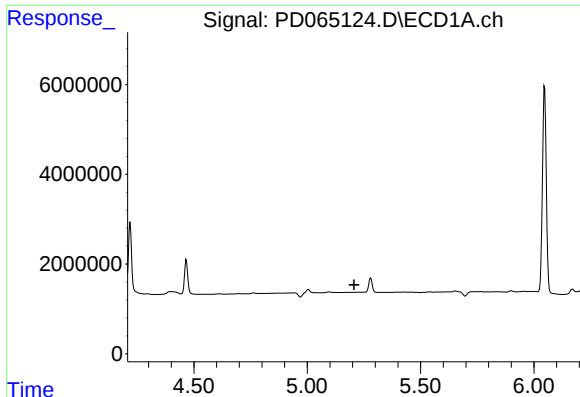
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.670 min
Response: 0
Conc: N.D.



#7 delta-BHC

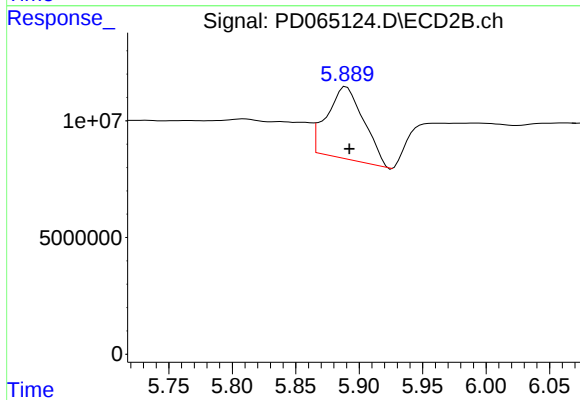
R.T.: 5.093 min
Delta R.T.: 0.007 min
Response: 4459953
Conc: 0.46 ng/ml



#8 Heptachlor epoxide

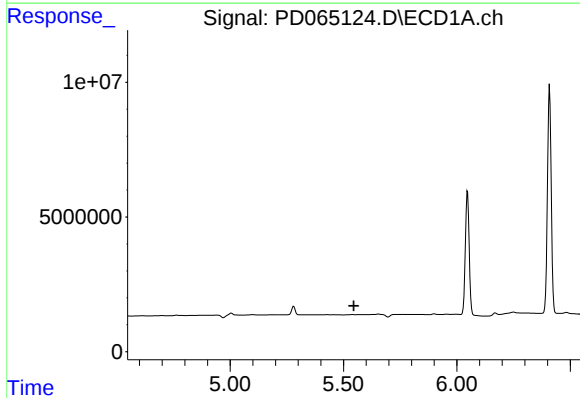
R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



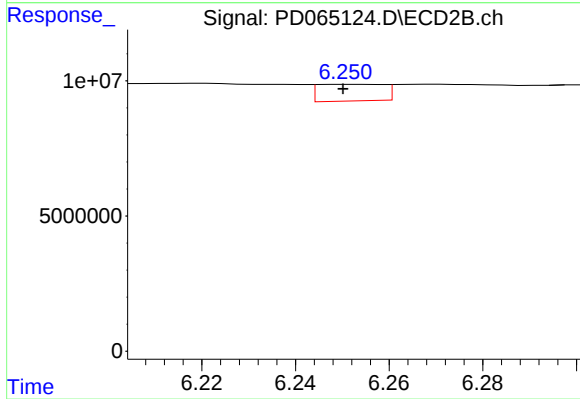
#8 Heptachlor epoxide

R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 62285545
Conc: 8.35 ng/ml



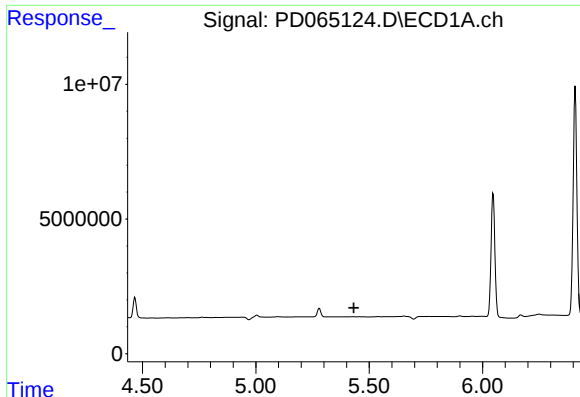
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.546 min
Response: 0
Conc: N.D.



#9 Endosulfan I

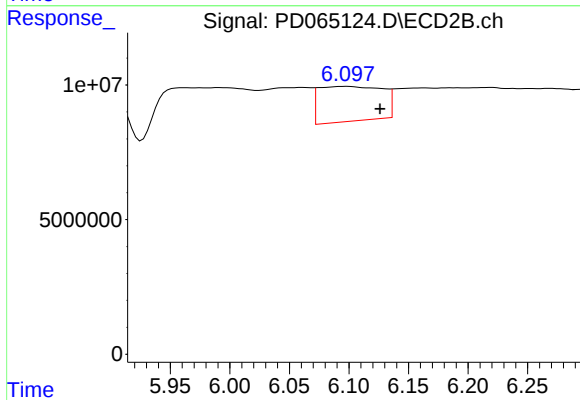
R.T.: 6.252 min
Delta R.T.: 0.001 min
Response: 6043528
Conc: 0.86 ng/ml



#10 gamma-Chlordane

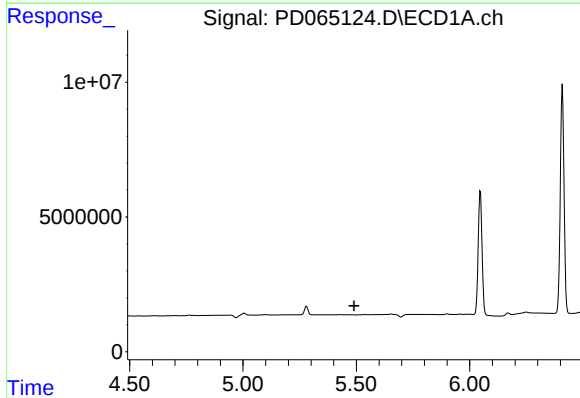
R.T.: 0.000 min
Exp R.T.: 5.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



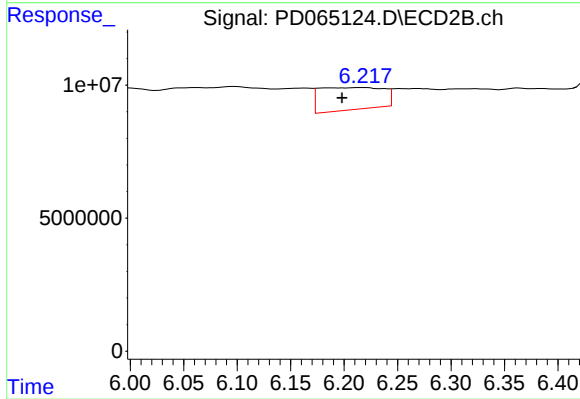
#10 gamma-Chlordane

R.T.: 6.098 min
Delta R.T.: -0.028 min
Response: 47877304
Conc: 6.26 ng/ml



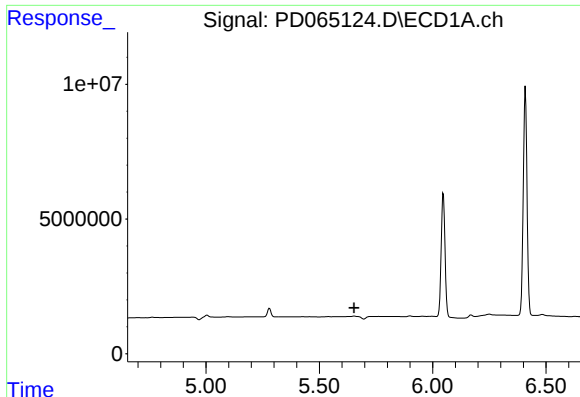
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

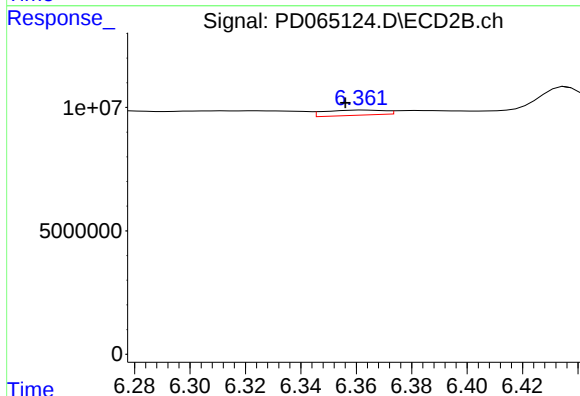
R.T.: 6.219 min
Delta R.T.: 0.021 min
Response: 34659721
Conc: 4.66 ng/ml



#12 4,4'-DDE

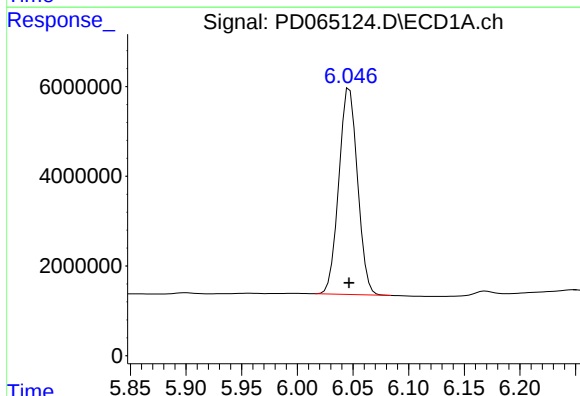
R.T.: 0.000 min
Exp R.T.: 5.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



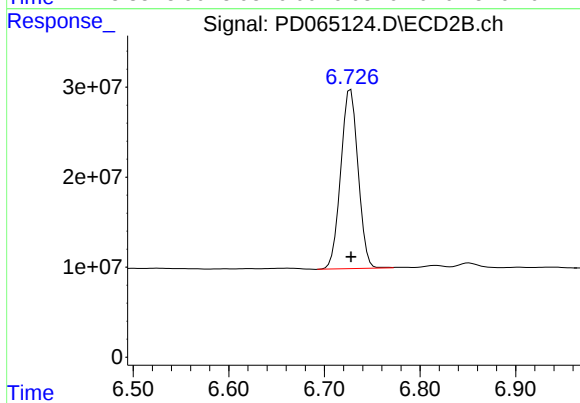
#12 4,4'-DDE

R.T.: 6.363 min
Delta R.T.: 0.007 min
Response: 3132245
Conc: 0.44 ng/ml



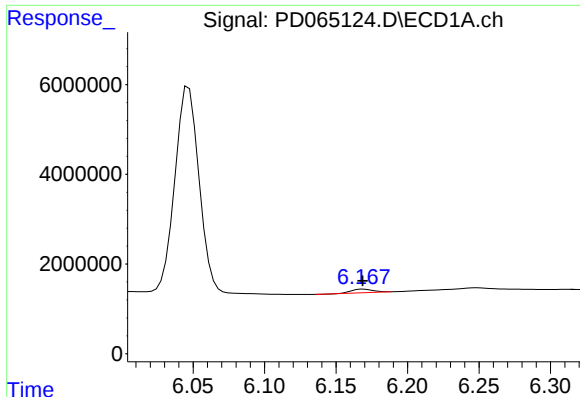
#14 Endrin

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 53815560
Conc: 51.28 ng/ml



#14 Endrin

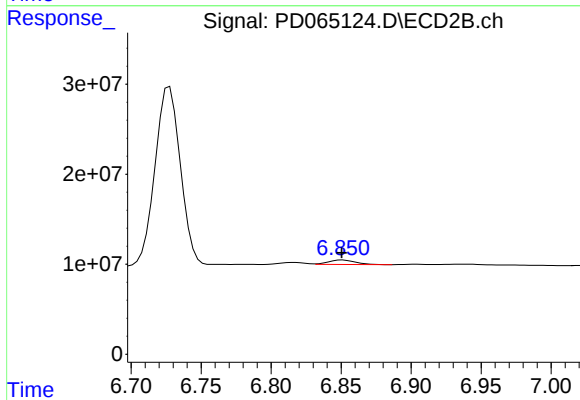
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 251514357
Conc: 40.86 ng/ml



#16 4,4'-DDD

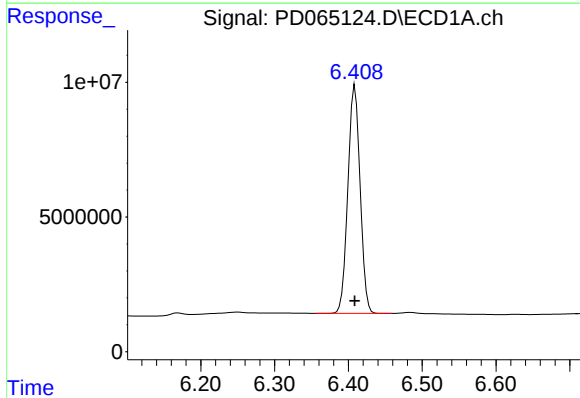
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 775597
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



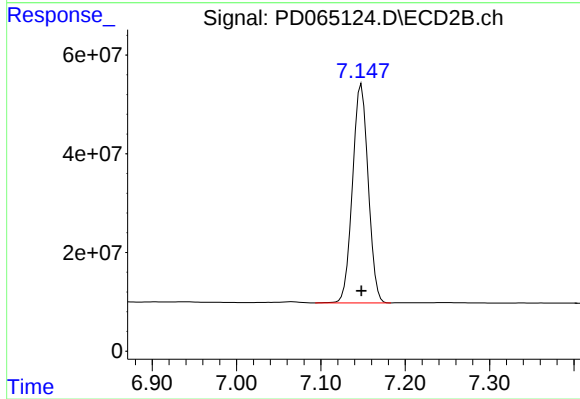
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 6708657
Conc: 1.14 ng/ml



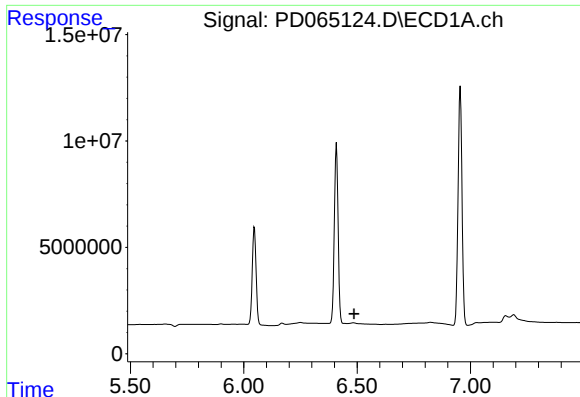
#17 4,4'-DDT

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 97460312
Conc: 98.00 ng/ml



#17 4,4'-DDT

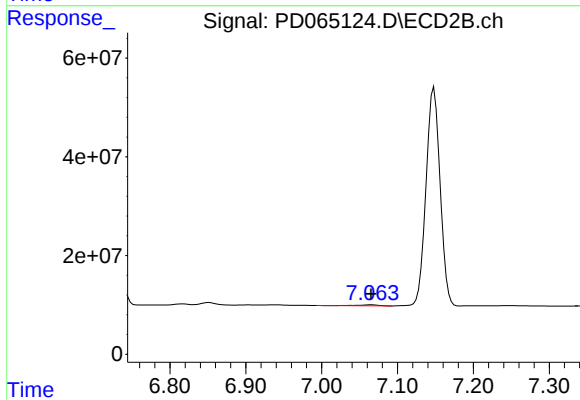
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 572613416
Conc: 95.48 ng/ml



#18 Endrin aldehyde

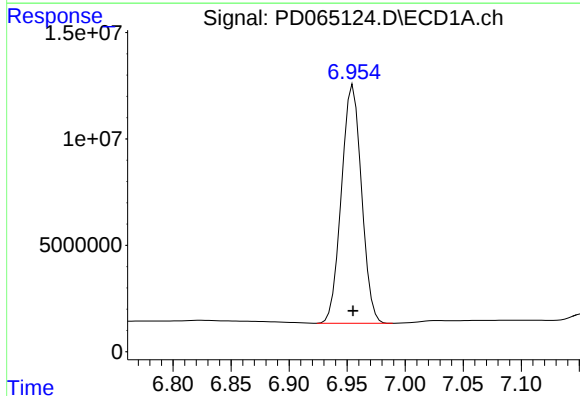
R.T.: 0.000 min
Exp R.T.: 6.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



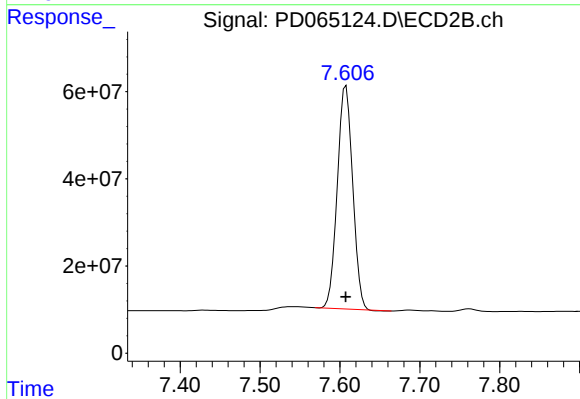
#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 3508566
Conc: 0.75 ng/ml



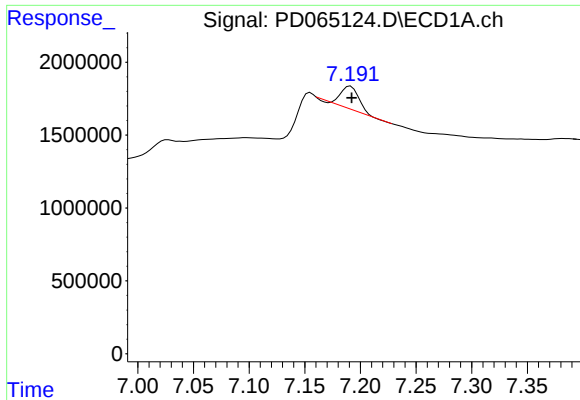
#20 Methoxychlor

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 135044285
Conc: 229.11 ng/ml



#20 Methoxychlor

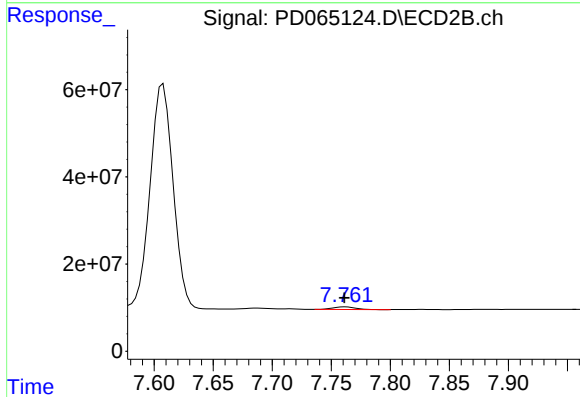
R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 684470502
Conc: 226.19 ng/ml



#21 Endrin ketone

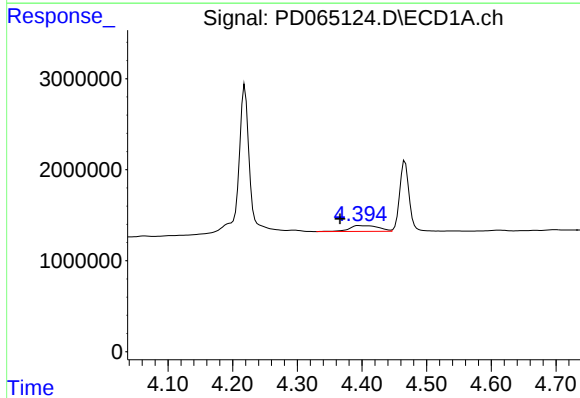
R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 1532864
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



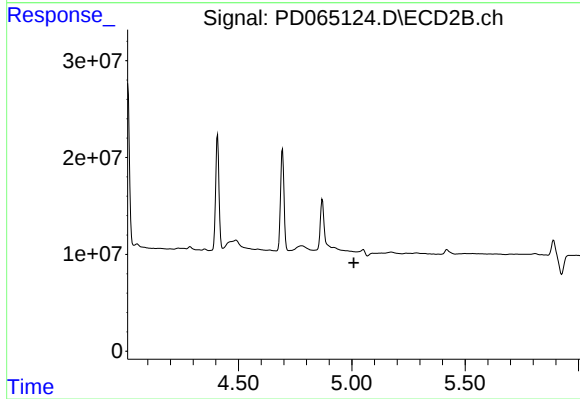
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 7075966
Conc: 1.09 ng/ml



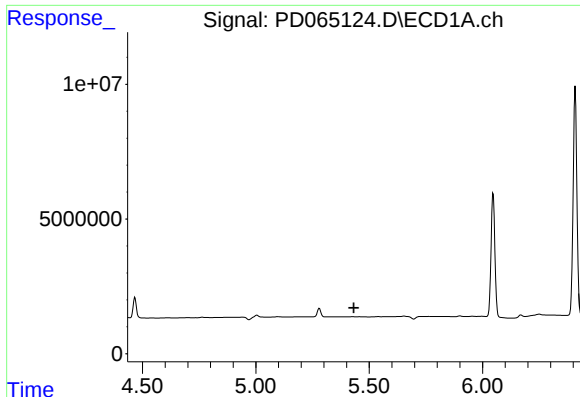
#23 Chlordane-1

R.T.: 4.395 min
Delta R.T.: 0.029 min
Response: 2015023
Conc: 53.21 ng/ml



#23 Chlordane-1

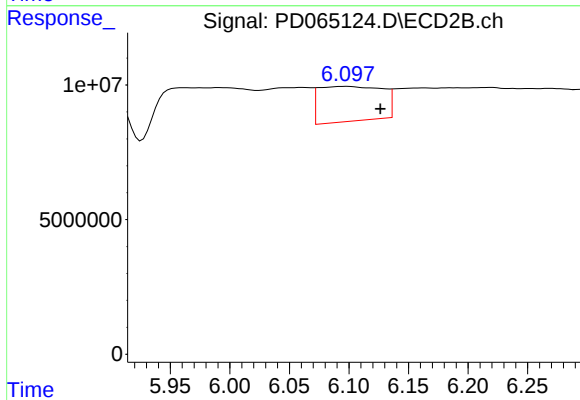
R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.



#25 Chlordane-3

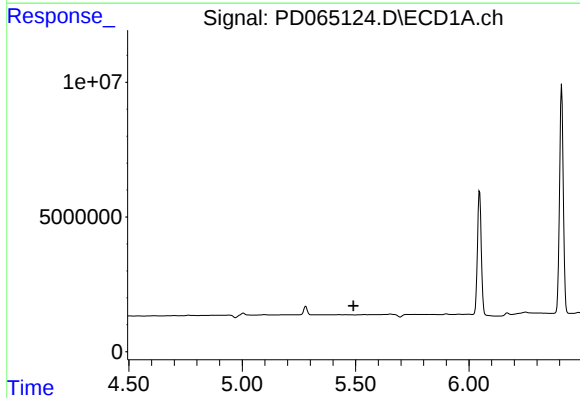
R.T.: 0.000 min
Exp R.T.: 5.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



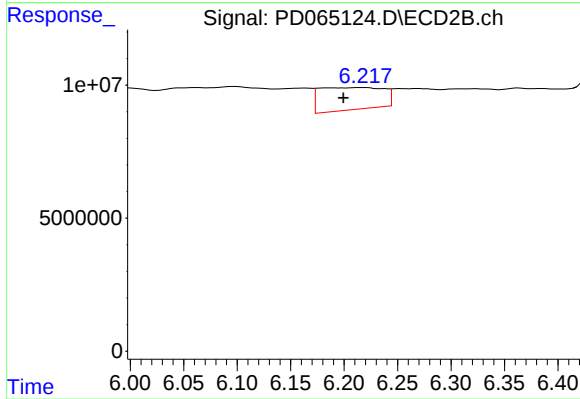
#25 Chlordane-3

R.T.: 6.098 min
Delta R.T.: -0.028 min
Response: 47877304
Conc: 46.31 ng/ml



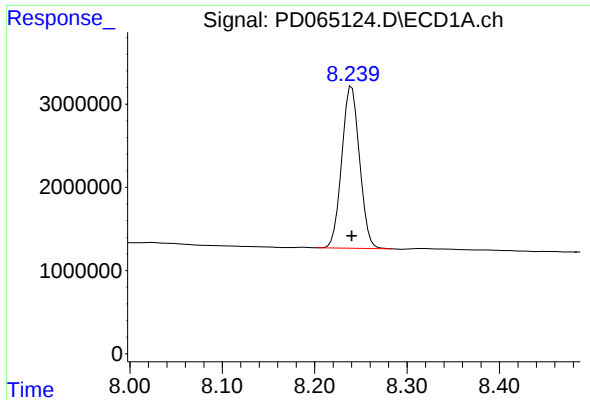
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.



#26 Chlordane-4

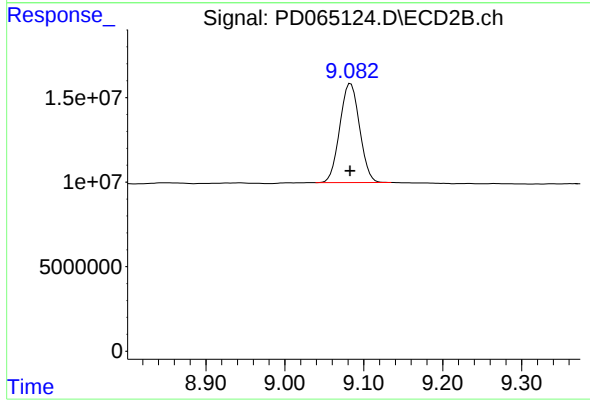
R.T.: 6.219 min
Delta R.T.: 0.020 min
Response: 34659721
Conc: 28.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 25968618
Conc: 22.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 102063597
Conc: 21.57 ng/ml