

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
 Data File : PL091954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 11:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/24/2024
 Supervised By : Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:04:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 14:03:20 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.782	44655553	48372105	20.073	19.287
28)	SA Decachlor...	9.061	7.923	32491916	48400108	19.834	19.345
Target Compounds							
2)	A alpha-BHC	3.999	3.285	31525485	33598423	10.181	9.222
3)	MA gamma-BHC...	4.332	3.616	31299814	31345350	10.101	8.877
6)	B beta-BHC	4.529	3.915	14260072	15849227	10.751	10.544
14)	MA Endrin	6.579	5.648	89210787	121.8E6	43.292	46.449
16)	A 4,4'-DDD	6.715	5.798	1939515	2127878	1.080	0.996
17)	MA 4,4'-DDT	7.028	6.047	166.1E6	242.8E6	90.238	104.948
18)	B Endrin al...	6.928	6.122	2005686	3161374	1.151	1.549 #
20)	A Methoxychlor	7.504	6.621	208.5E6	290.8E6	212.393	232.546
21)	B Endrin ke...	7.647	6.848	4407751	5082197	2.006	1.835m

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

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Acq On : 23 Sep 2024 11:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

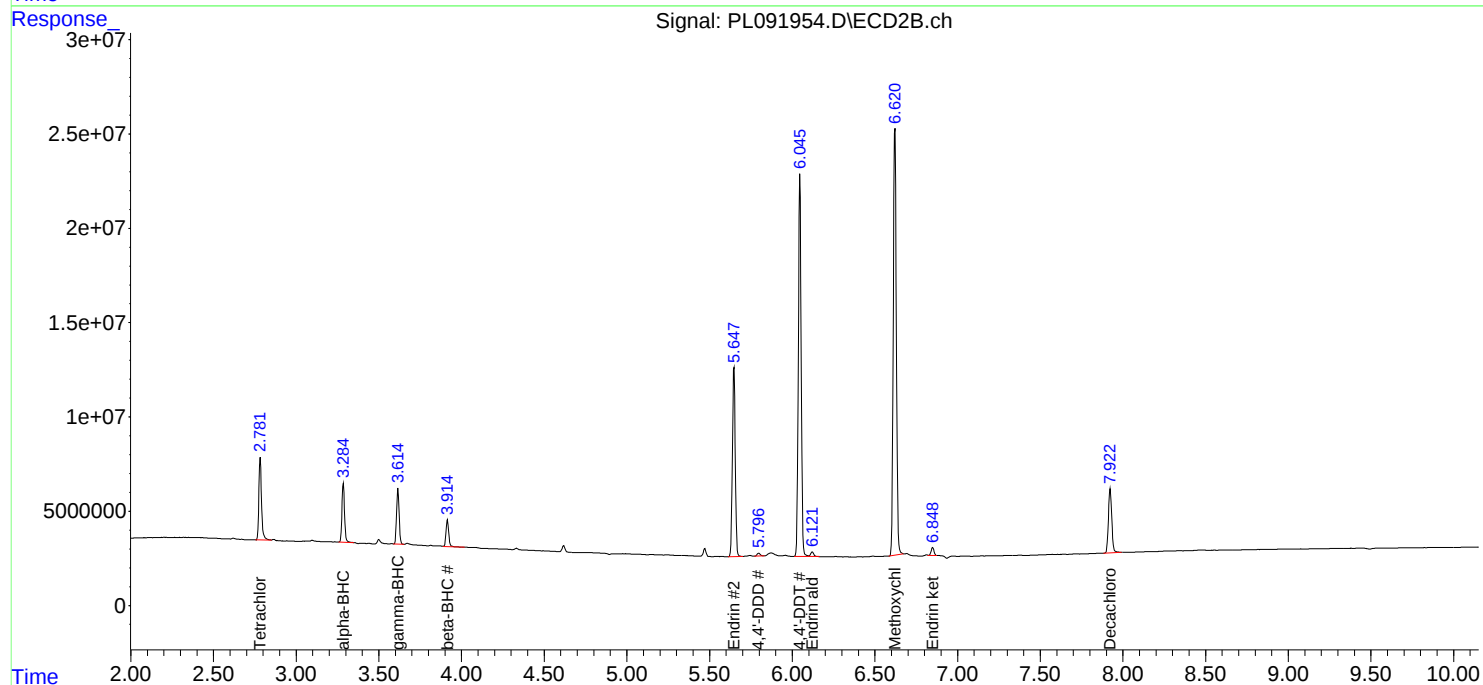
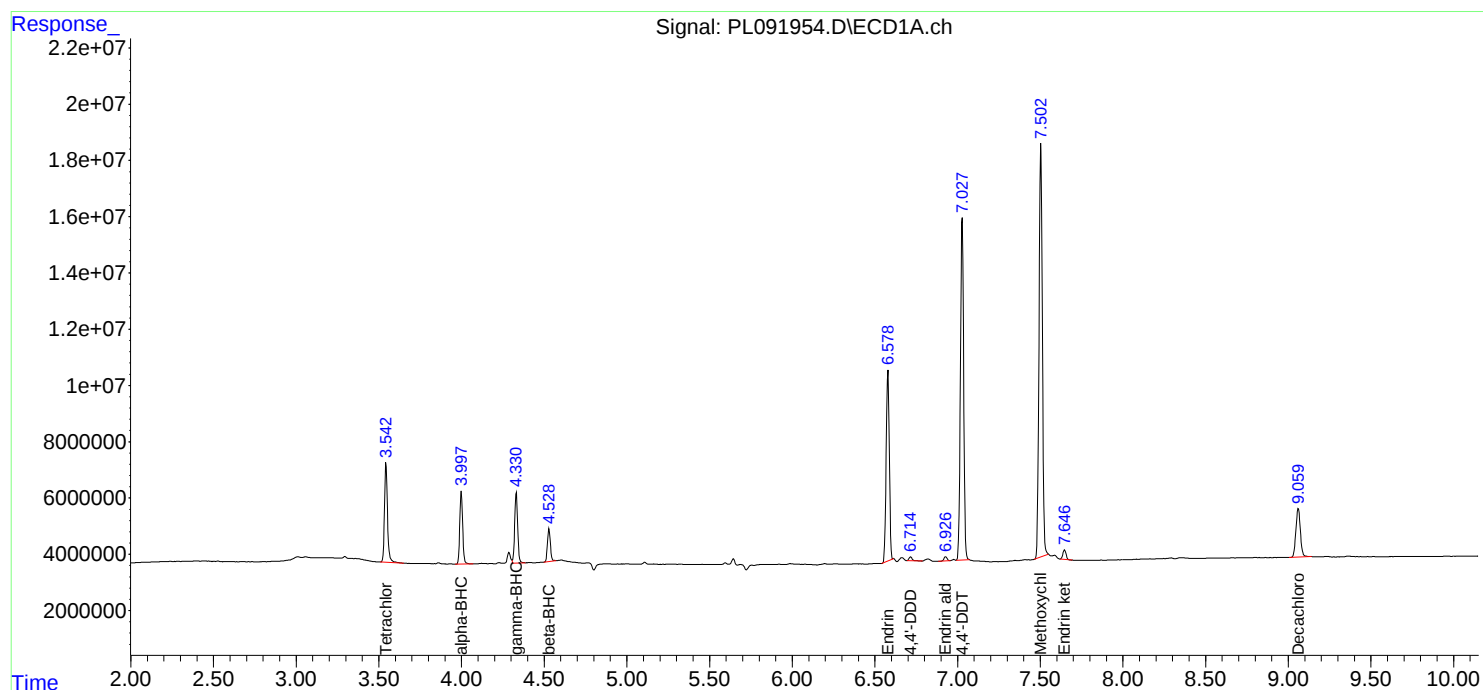
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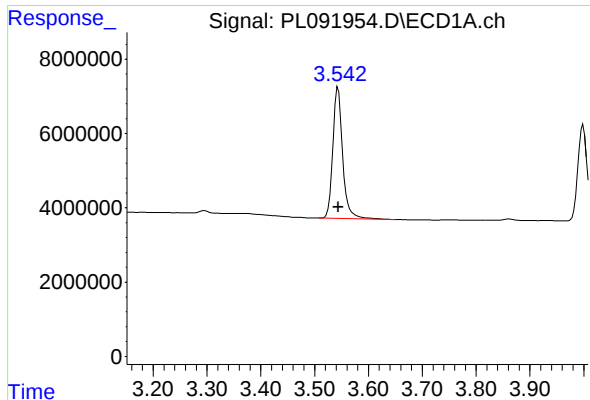
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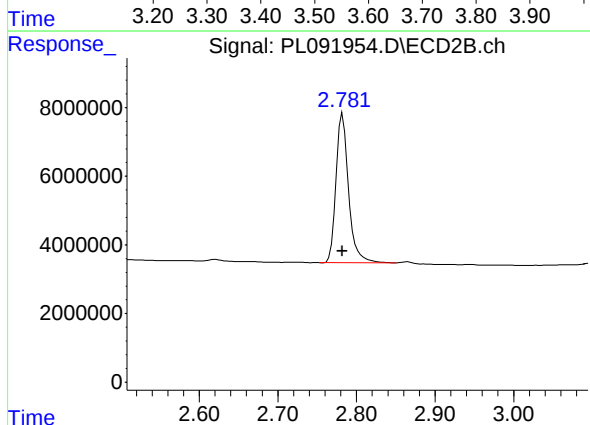
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 44655553
Conc: 20.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

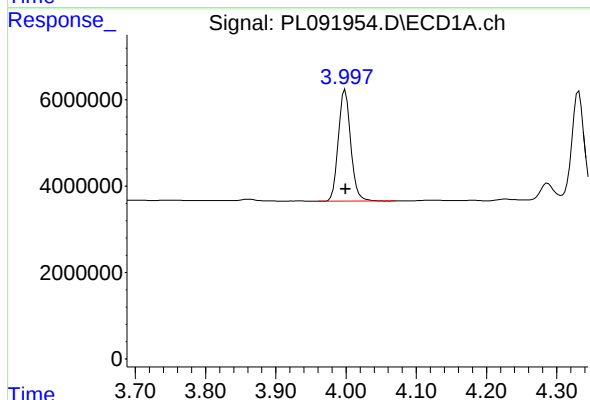
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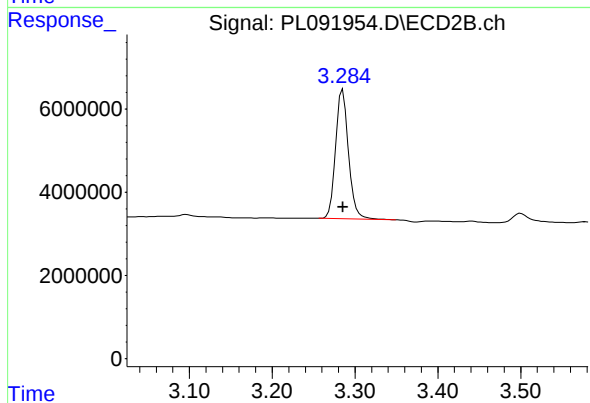
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 48372105
Conc: 19.29 ng/ml



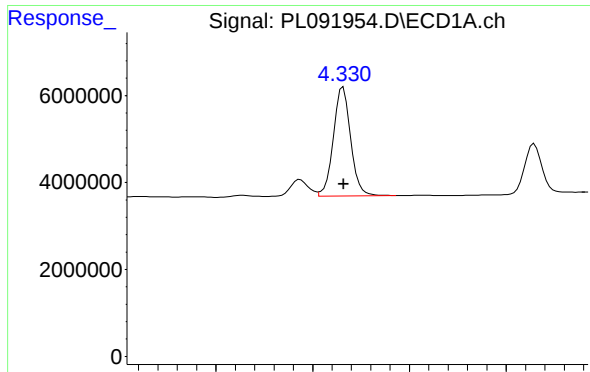
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 31525485
Conc: 10.18 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 33598423
Conc: 9.22 ng/ml



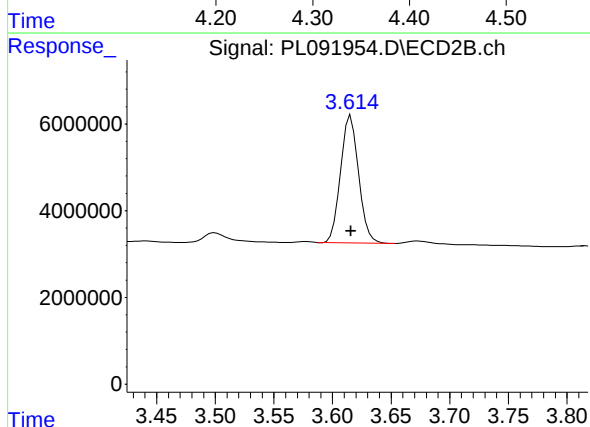
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 31299814
Conc: 10.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

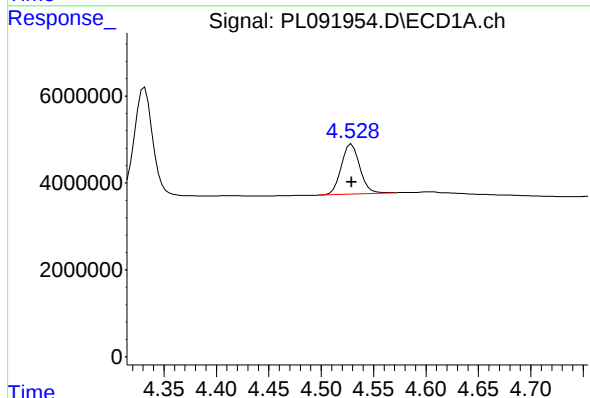
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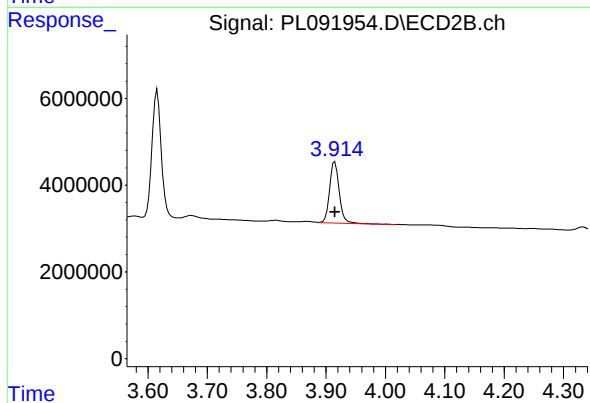
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 31345350
Conc: 8.88 ng/ml



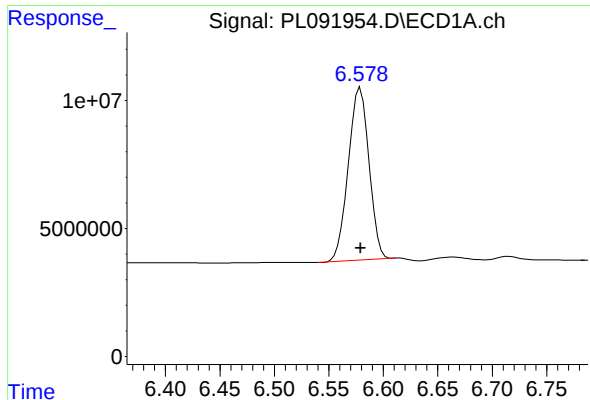
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 14260072
Conc: 10.75 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 15849227
Conc: 10.54 ng/ml



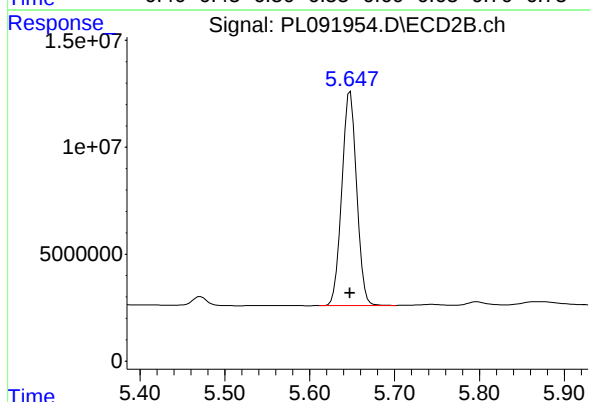
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 89210787
Conc: 43.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

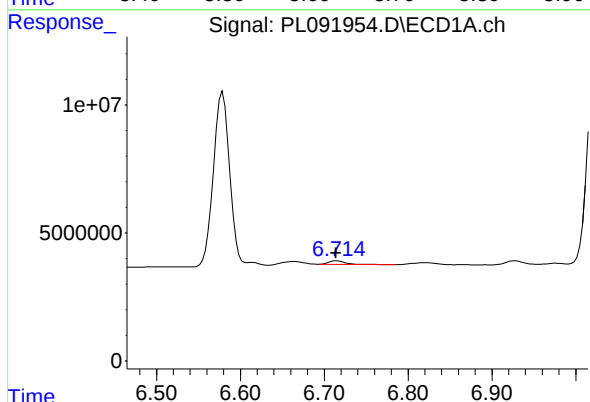
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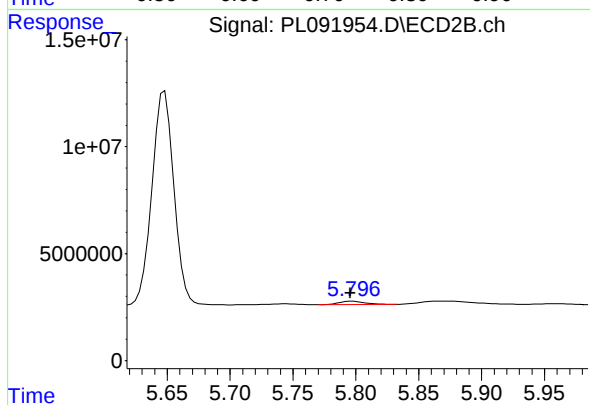
#14 Endrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 121797718
Conc: 46.45 ng/ml



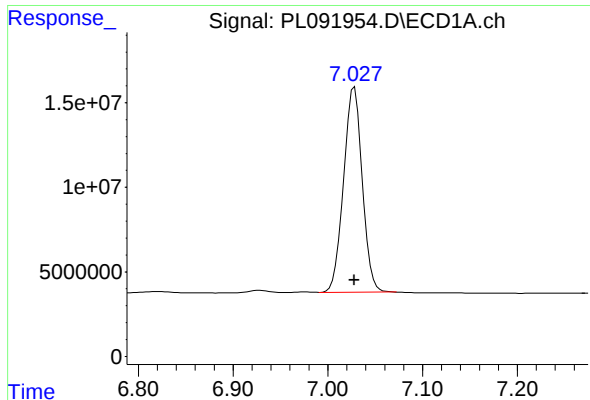
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 1939515
Conc: 1.08 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.002 min
Response: 2127878
Conc: 1.00 ng/ml



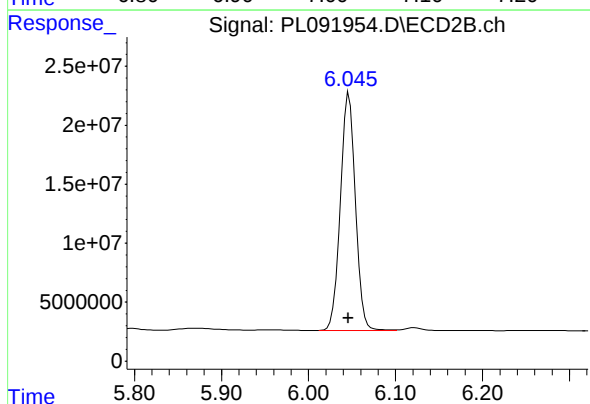
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 166145729
Conc: 90.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

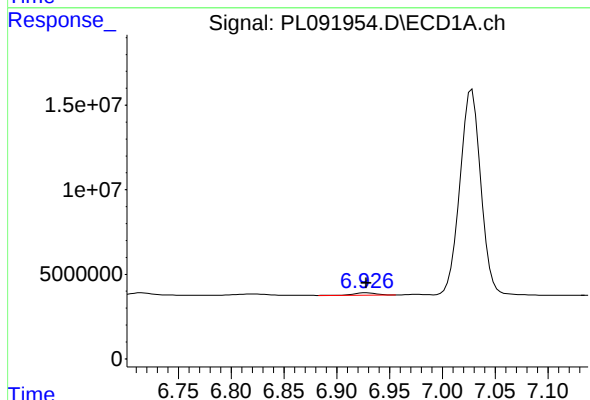
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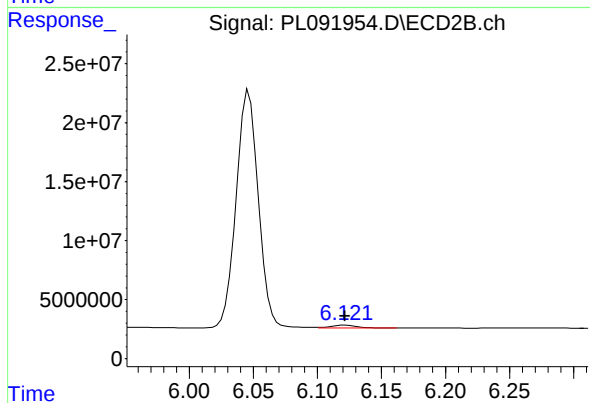
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 242762784
Conc: 104.95 ng/ml



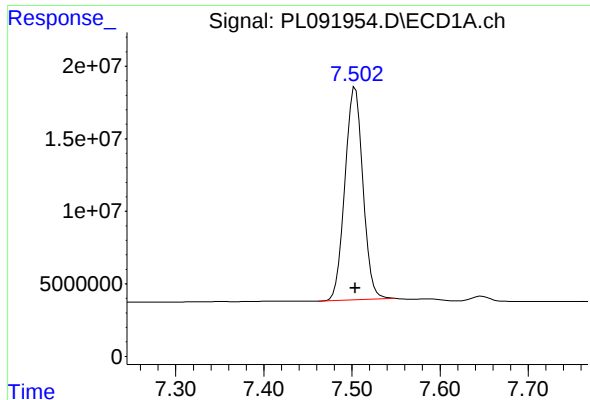
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 2005686
Conc: 1.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 3161374
Conc: 1.55 ng/ml



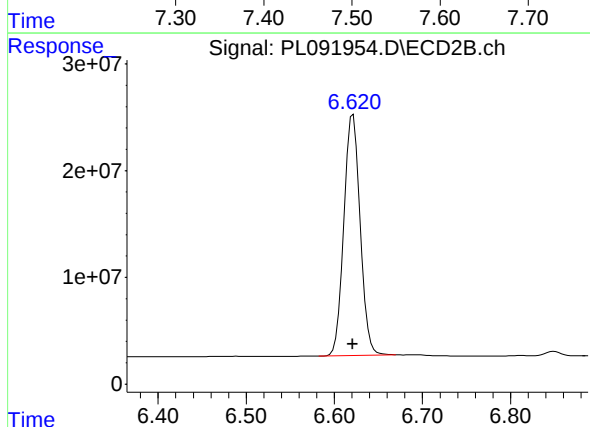
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 208508839
Conc: 212.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

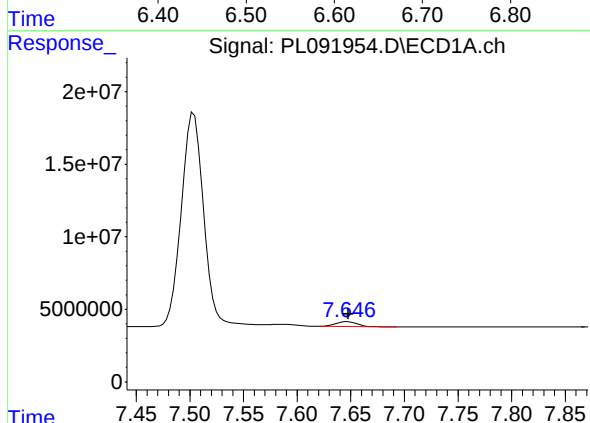
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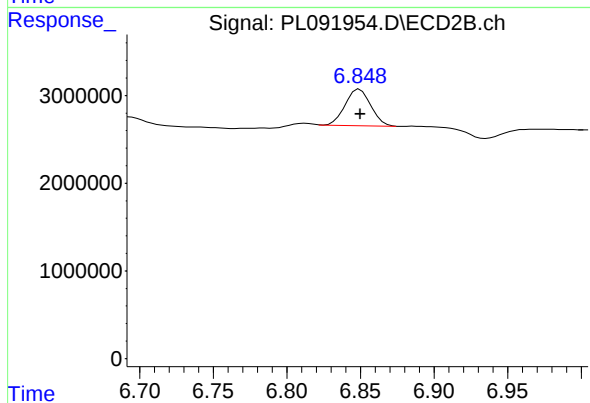
#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 290763828
Conc: 232.55 ng/ml



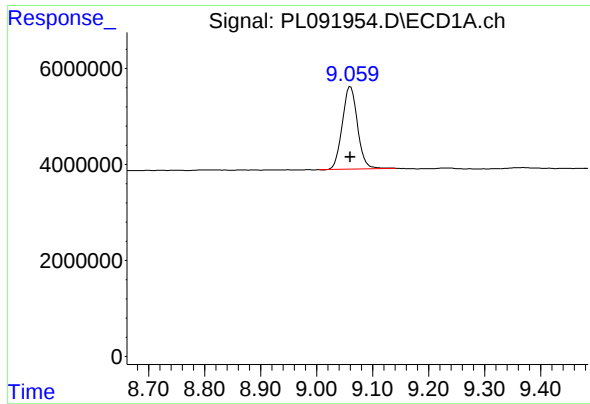
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 4407751
Conc: 2.01 ng/ml



#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 5082197
Conc: 1.84 ng/ml m



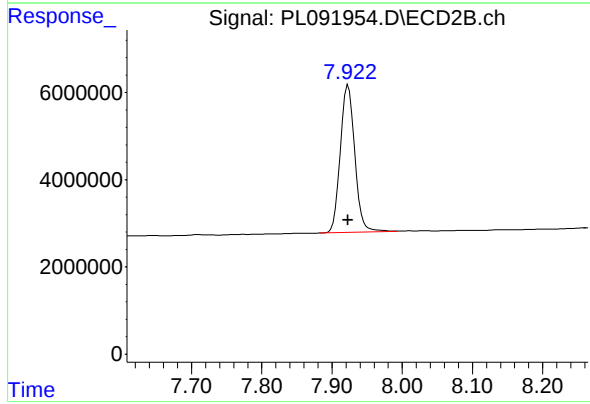
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 32491916
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 48400108
Conc: 19.35 ng/ml