

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012025\
 Data File : PL093695.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2025 09:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 12:13:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.776	57422172	66266843	23.194	22.763
28)	SA Decachlor...	9.055	7.911	40926875	61347914	22.134	20.546
Target Compounds							
2)	A alpha-BHC	3.995	3.277	41567461	47360345	12.040	10.895
3)	MA gamma-BHC...	4.328	3.608	39590599	44586631	12.072	10.567
6)	B beta-BHC	4.526	3.908	18457493	22043582	12.804	12.264
14)	MA Endrin	6.574	5.637	102.4E6	172.7E6	47.583	52.206
16)	A 4,4'-DDD	6.709	5.785	4786195	7142599	2.726m	2.524
17)	MA 4,4'-DDT	7.024	6.036	185.2E6	341.0E6	100.196	112.912
18)	B Endrin al...	6.925	6.111	3784031	6236511	2.132	2.316
20)	A Methoxychlor	7.500	6.610	228.6E6	375.6E6	228.708	233.336
21)	B Endrin ke...	7.644	6.839	7171333	11441693	3.196	3.143

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

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Acq On : 20 Jan 2025 09:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

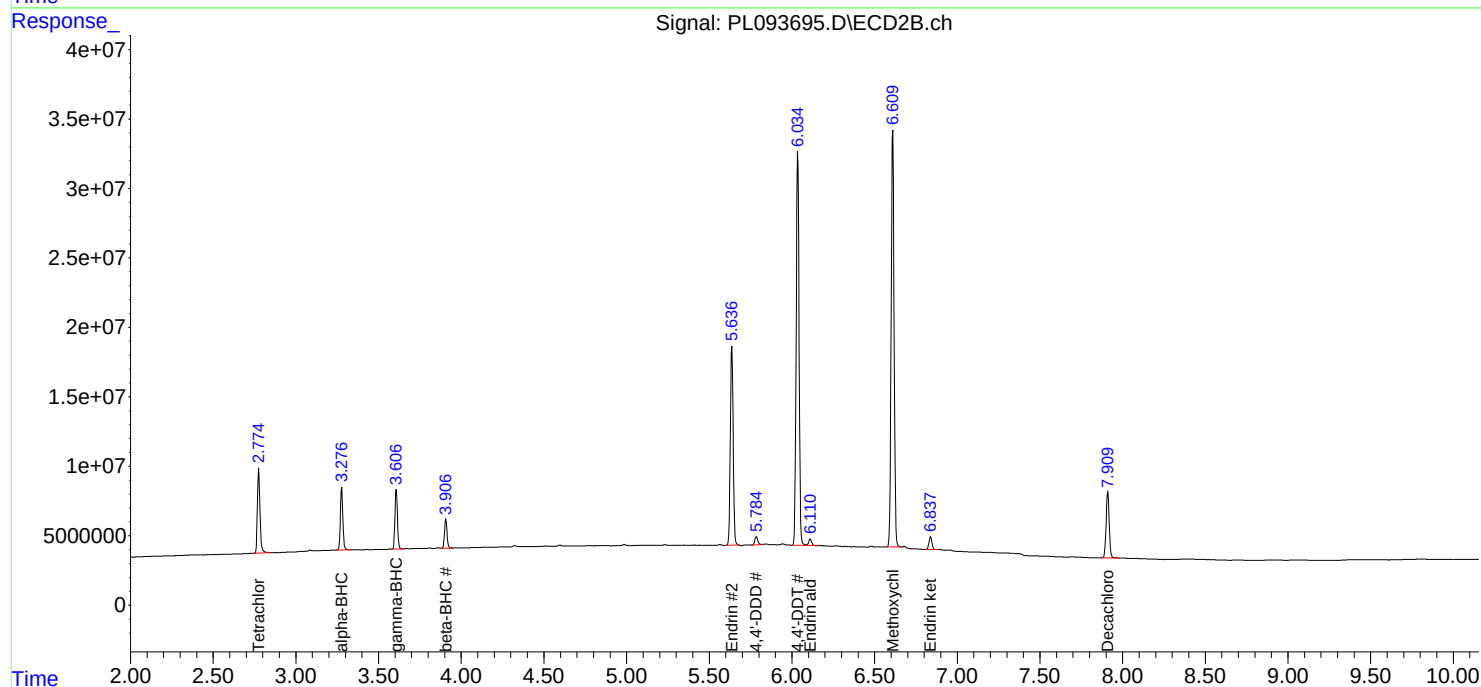
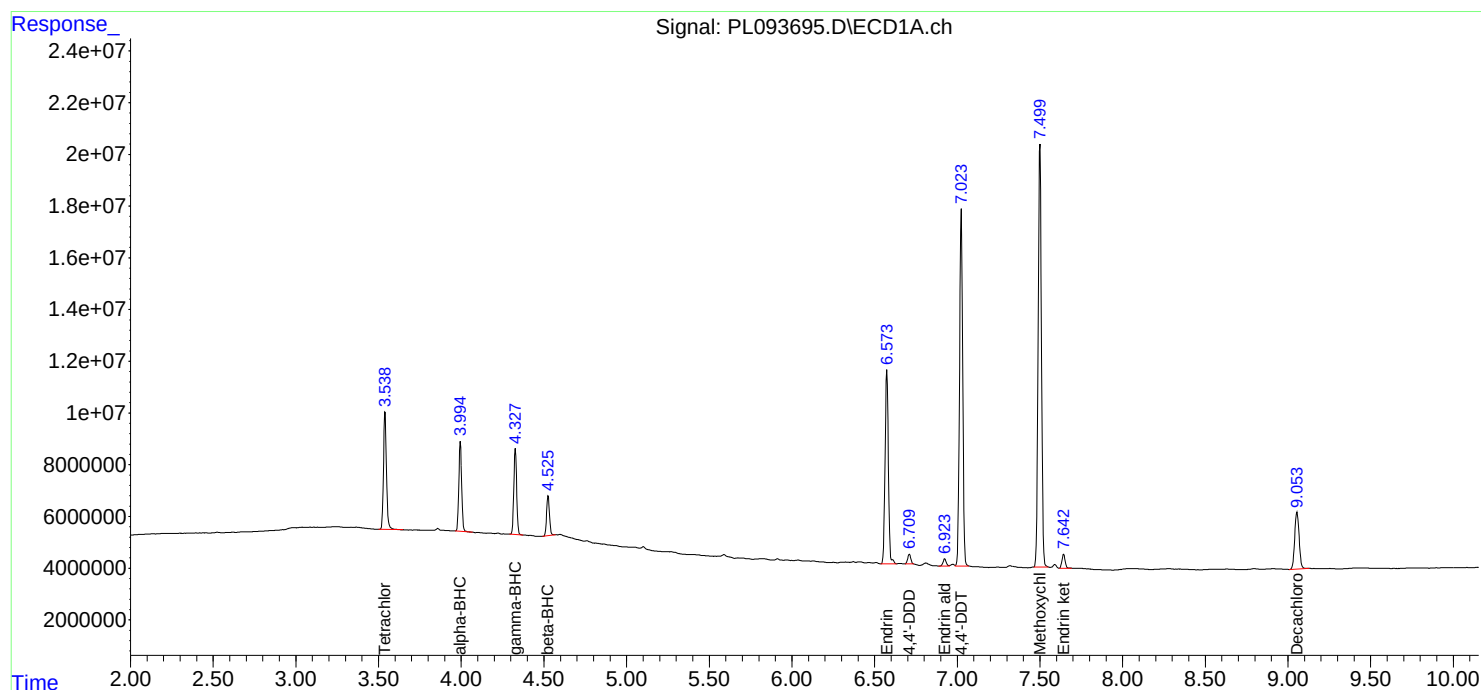
Instrument :
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ClientSampleId :
PEM

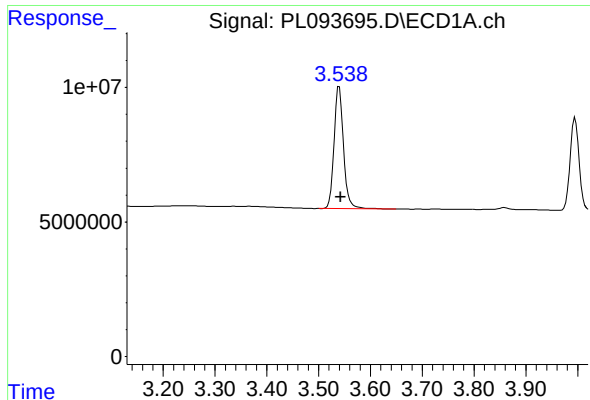
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Integration File signal 1: autoint1.e
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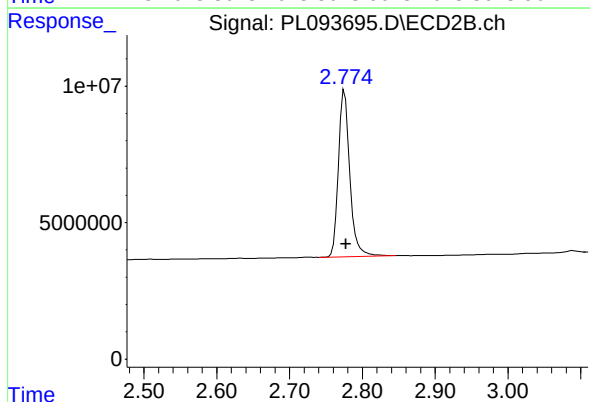
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 57422172
Conc: 23.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

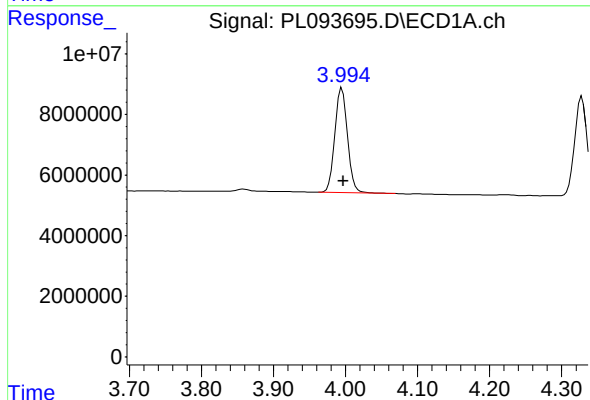
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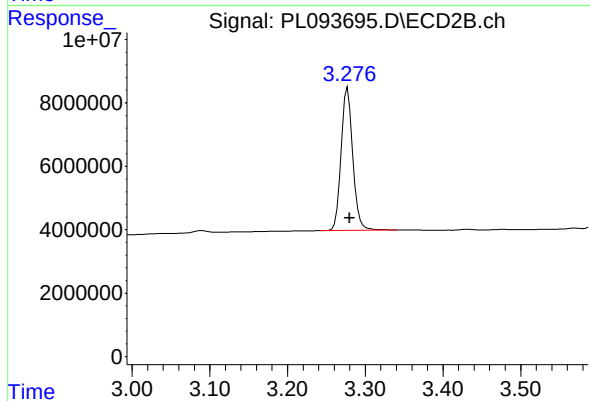
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 66266843
Conc: 22.76 ng/ml



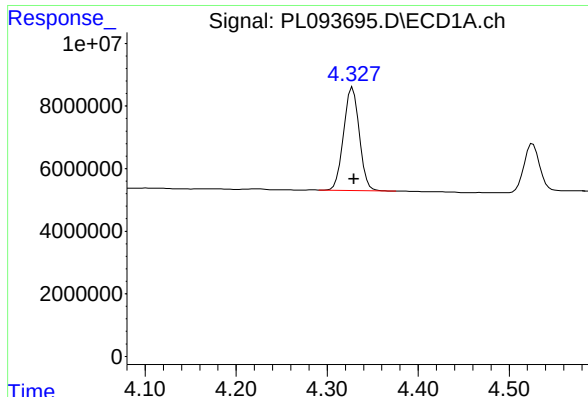
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 41567461
Conc: 12.04 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 47360345
Conc: 10.90 ng/ml



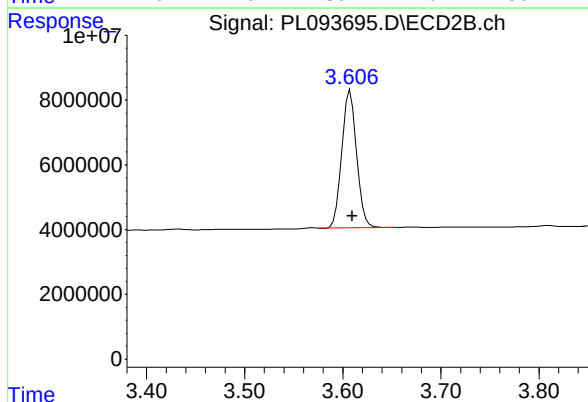
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 39590599
Conc: 12.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

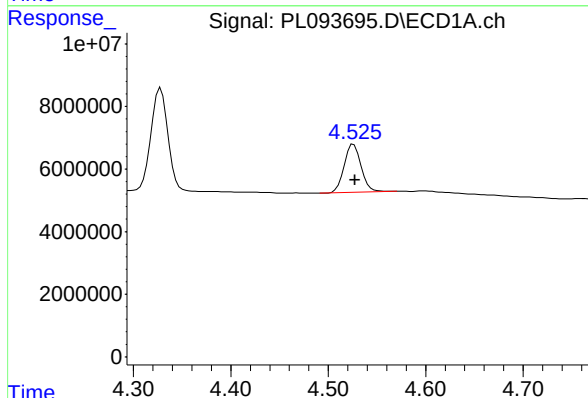
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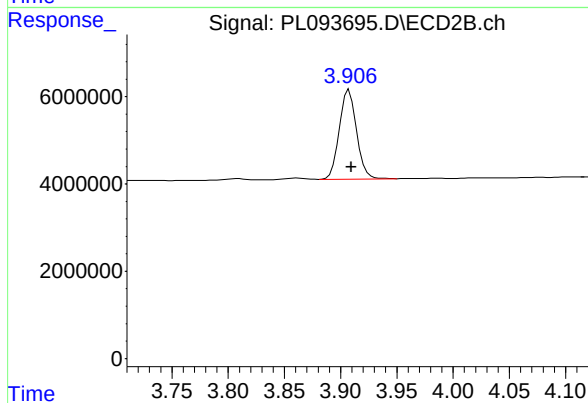
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 44586631
Conc: 10.57 ng/ml



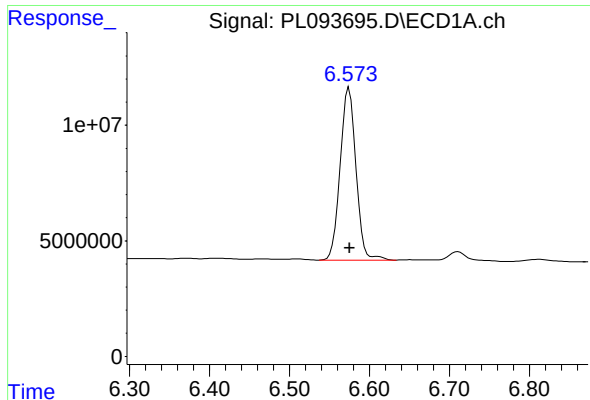
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 18457493
Conc: 12.80 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 22043582
Conc: 12.26 ng/ml



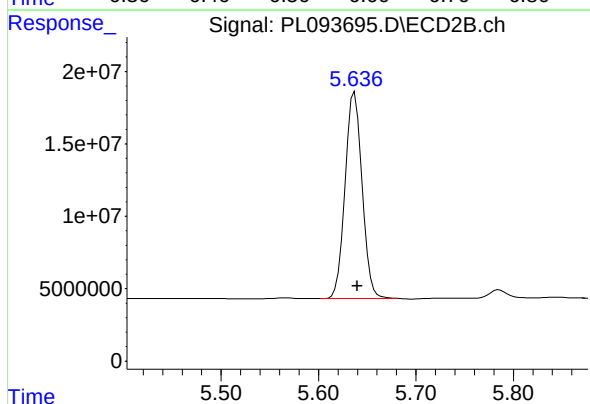
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 102419758
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

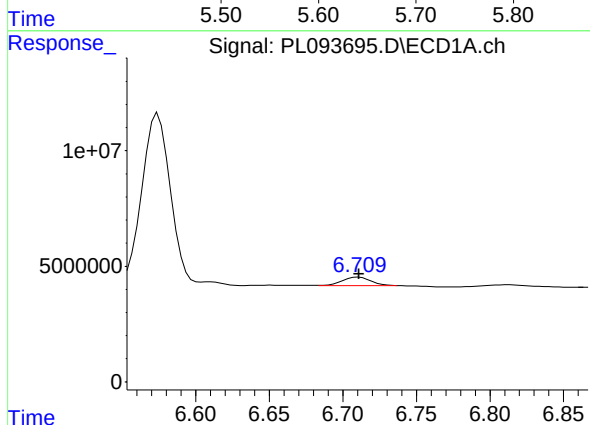
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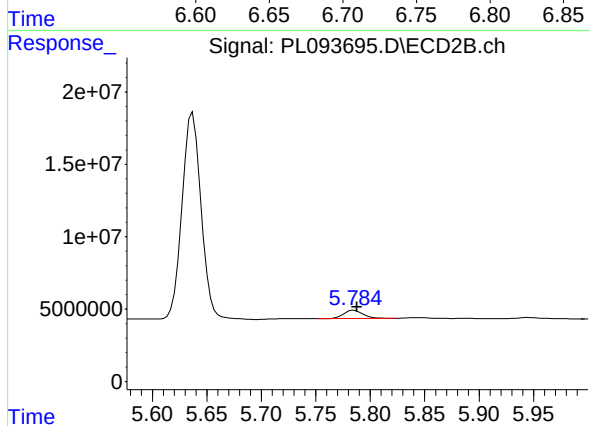
#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 172715747
Conc: 52.21 ng/ml



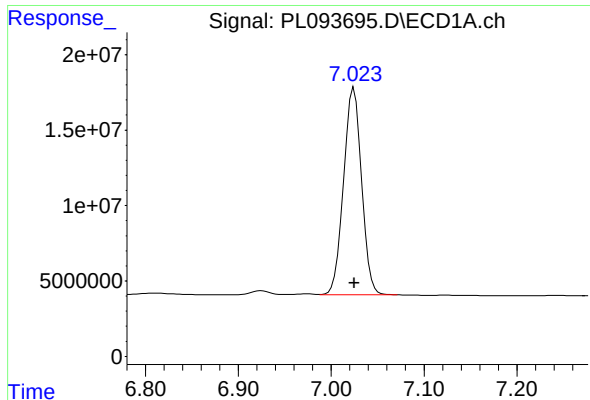
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 4786195
Conc: 2.73 ng/ml m



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 7142599
Conc: 2.52 ng/ml



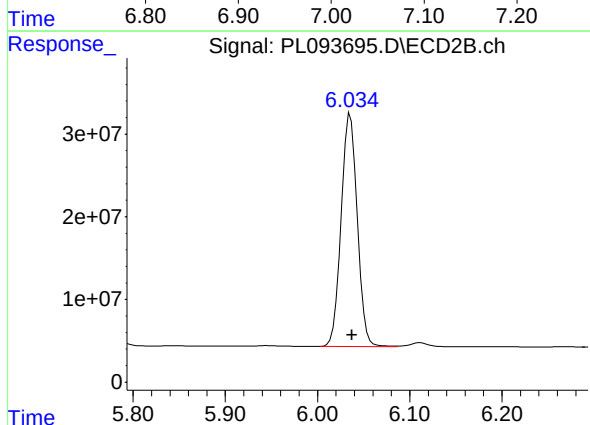
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 185215427
Conc: 100.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

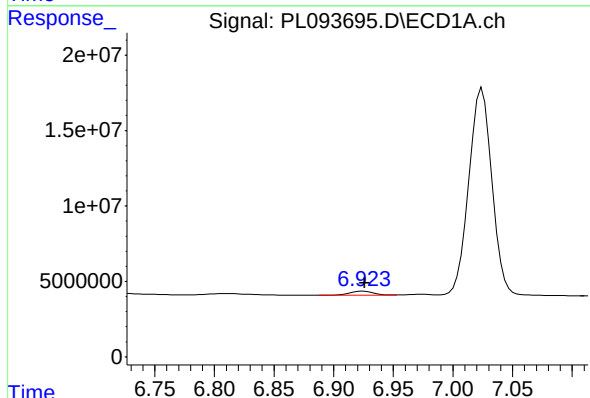
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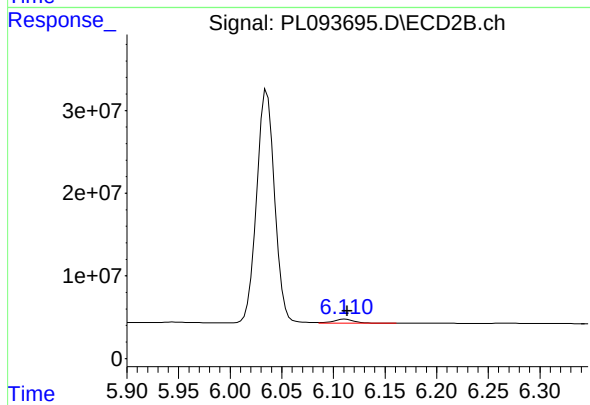
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 341027150
Conc: 112.91 ng/ml



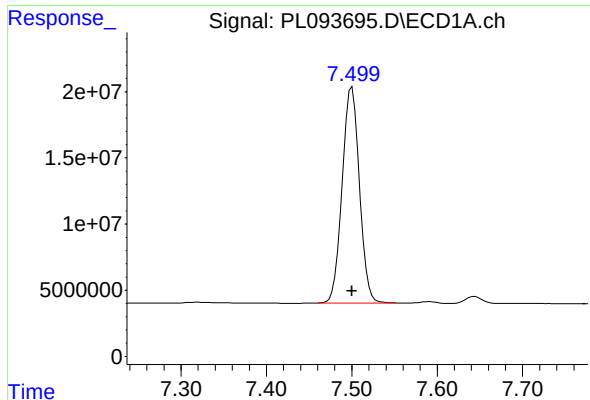
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.001 min
Response: 3784031
Conc: 2.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 6236511
Conc: 2.32 ng/ml



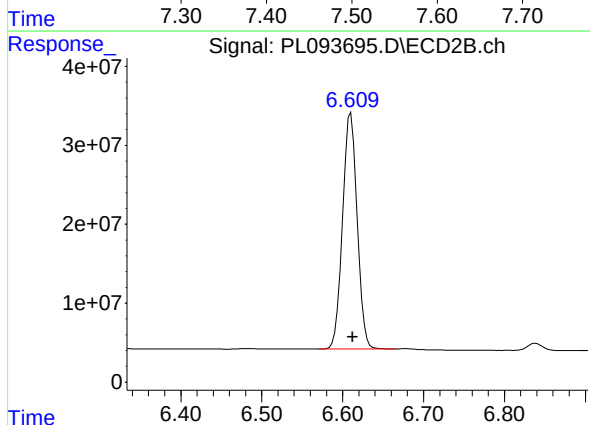
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 228634851
Conc: 228.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

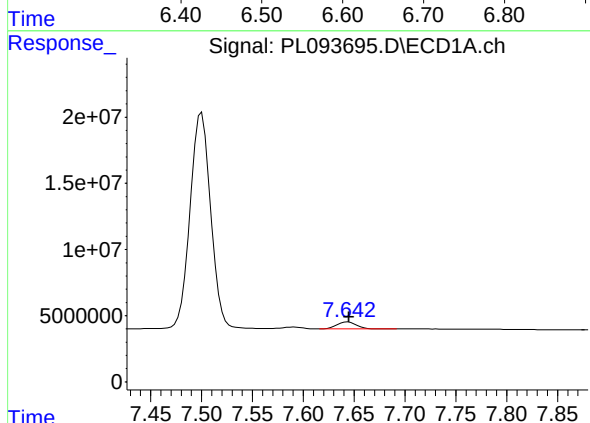
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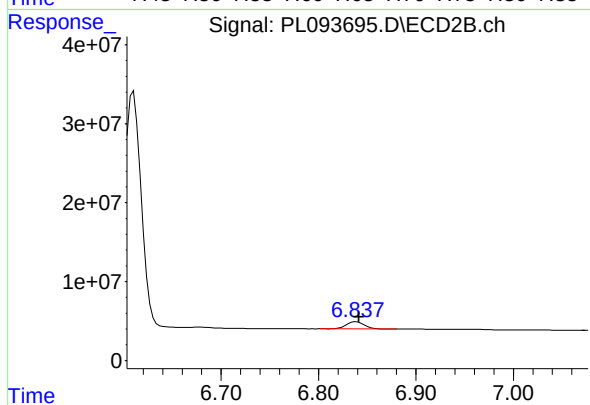
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 375587197
Conc: 233.34 ng/ml



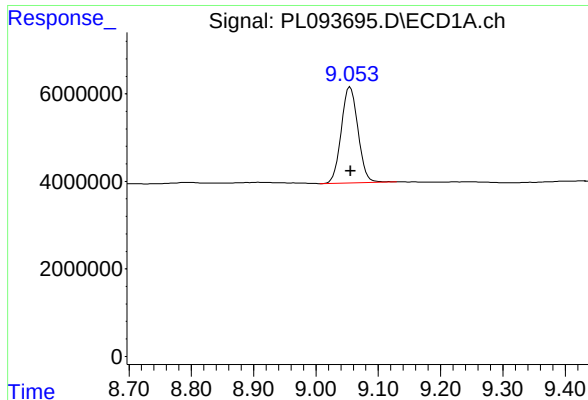
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 7171333
Conc: 3.20 ng/ml



#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 11441693
Conc: 3.14 ng/ml



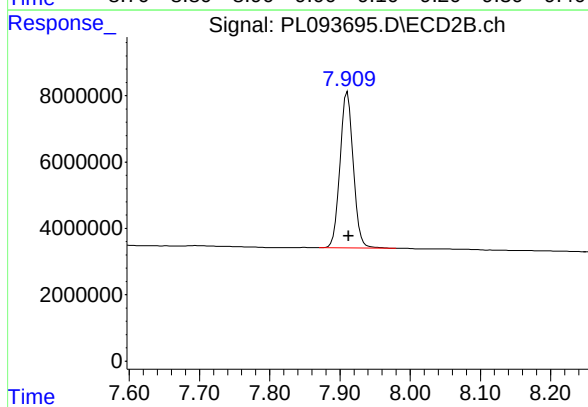
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 40926875
Conc: 22.13 ng/ml

Instrument :
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ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 61347914
Conc: 20.55 ng/ml