

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112524\
 Data File : PL093231.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 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 :Yogesh Patel 11/26/2024
 Supervised By :Ankita Jodhani 11/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 14:01:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 13:59:47 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...	3.536	2.774	52384811	55942252	20.156	19.397
28) SA Decachlor...	9.054	7.912	34835122	55010092	20.037	19.258
Target Compounds						
2) A alpha-BHC	3.991	3.276	36948067	39395649	10.354	9.227
3) MA gamma-BHC...	4.324	3.607	34434272	36380083	10.192	8.788
6) B beta-BHC	4.522	3.906	16076799	17778091	10.649	9.994
14) MA Endrin	6.572	5.637	95247100	147.2E6	45.410	46.145
16) A 4,4'-DDD	6.706	5.785	2142059	2698915	1.169m	0.963
17) MA 4,4'-DDT	7.022	6.036	172.8E6	297.0E6	89.613	100.268
18) B Endrin al...	6.921	6.111	2989353	5605406	1.655	2.138 #
20) A Methoxychlor	7.497	6.610	221.9E6	343.2E6	212.343	224.787
21) B Endrin ke...	7.641	6.839	5713853	8149737	2.518	2.428

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

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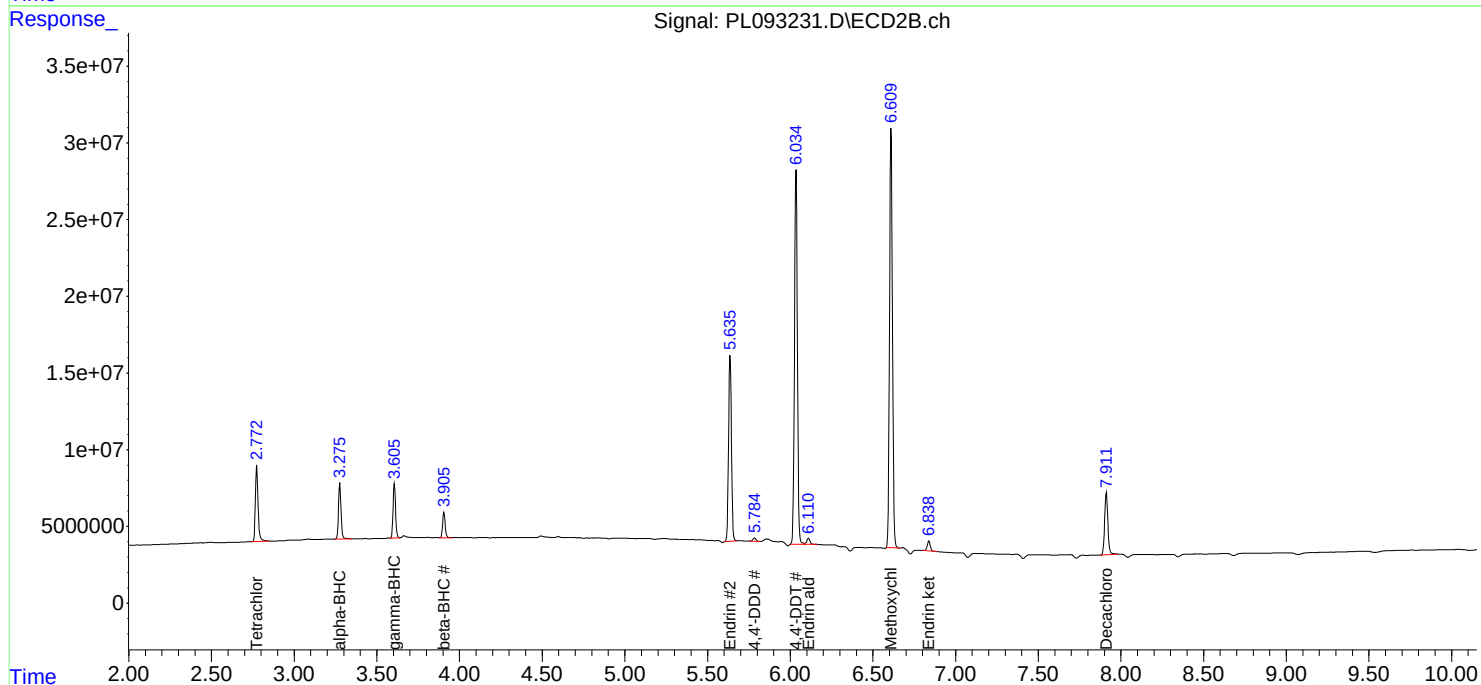
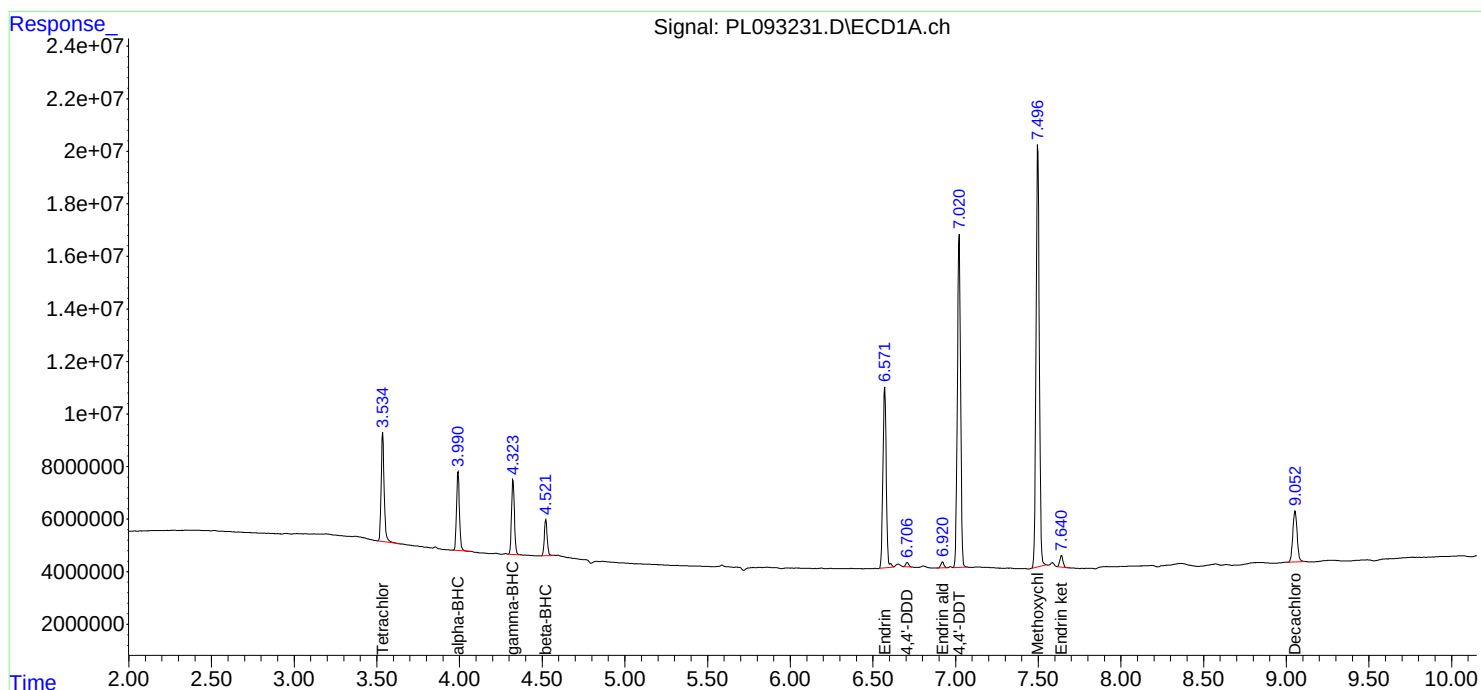
Instrument :
ECD_L
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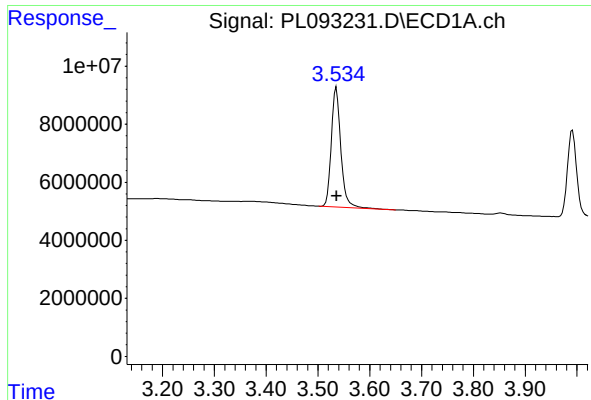
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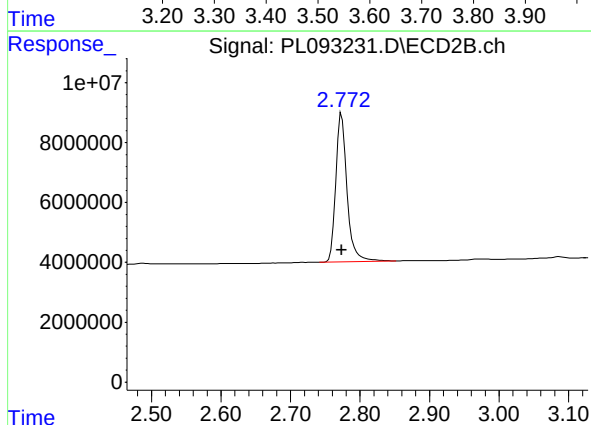
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 52384811
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

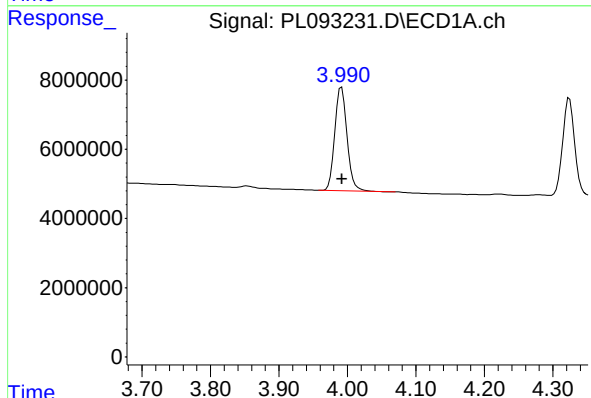
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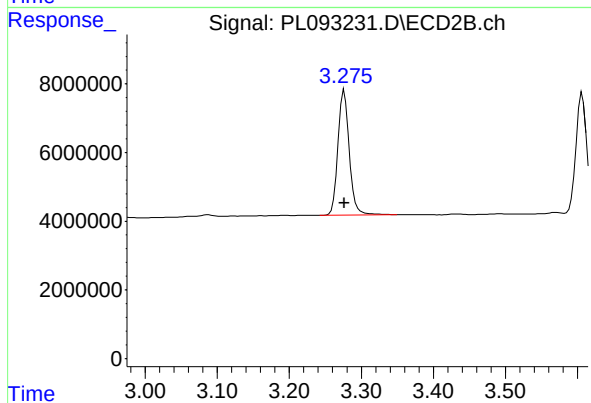
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 55942252
Conc: 19.40 ng/ml



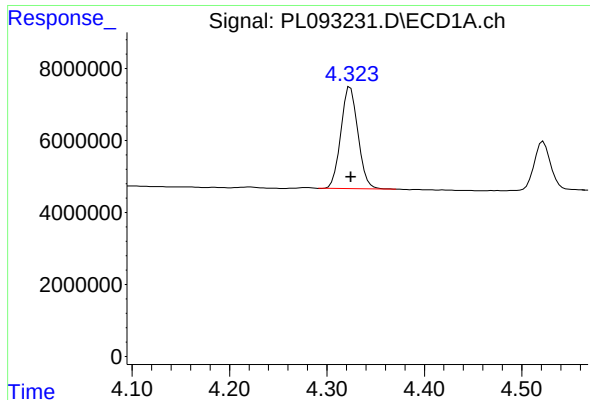
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 36948067
Conc: 10.35 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 39395649
Conc: 9.23 ng/ml



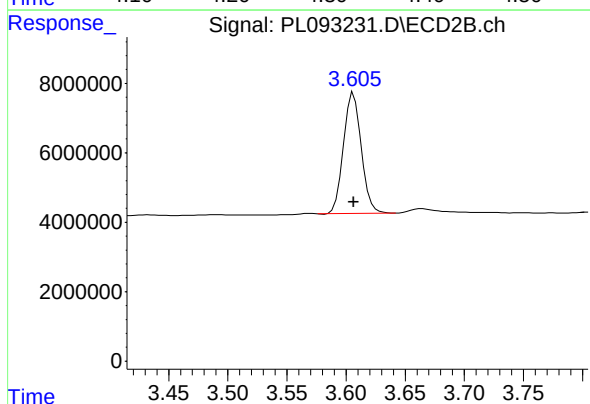
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 34434272
Conc: 10.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

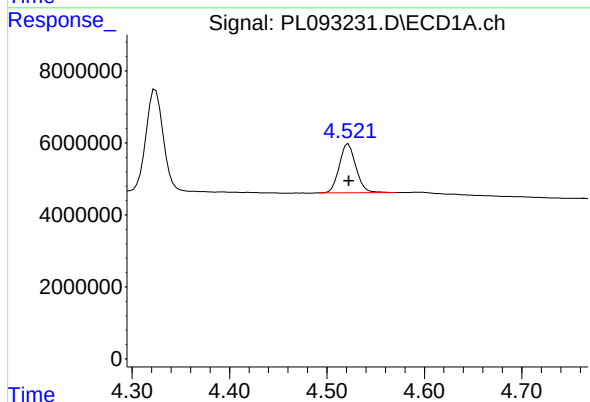
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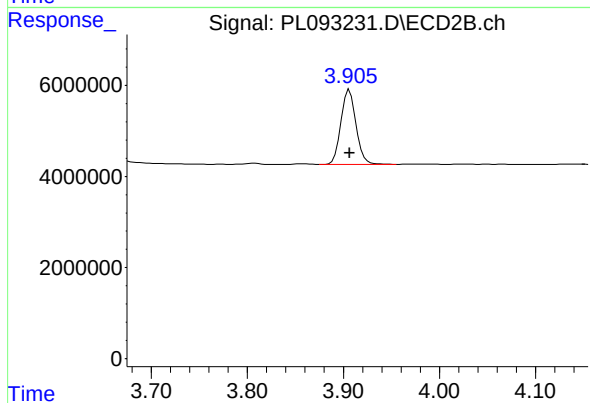
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 36380083
Conc: 8.79 ng/ml



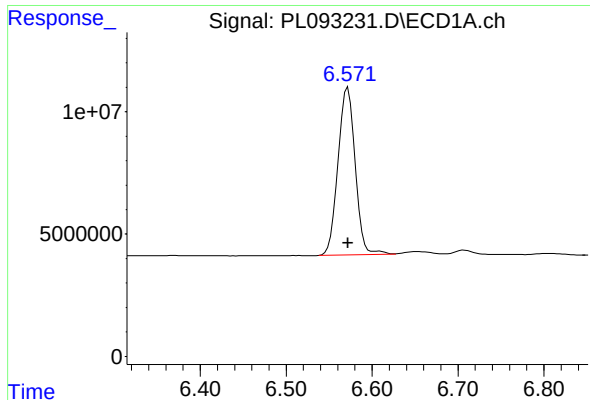
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 16076799
Conc: 10.65 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 17778091
Conc: 9.99 ng/ml



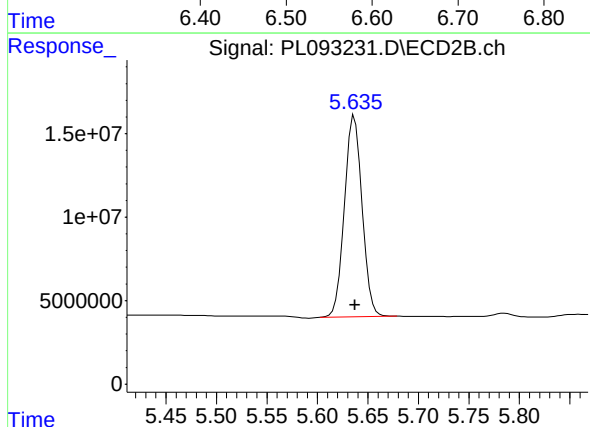
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 95247100
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

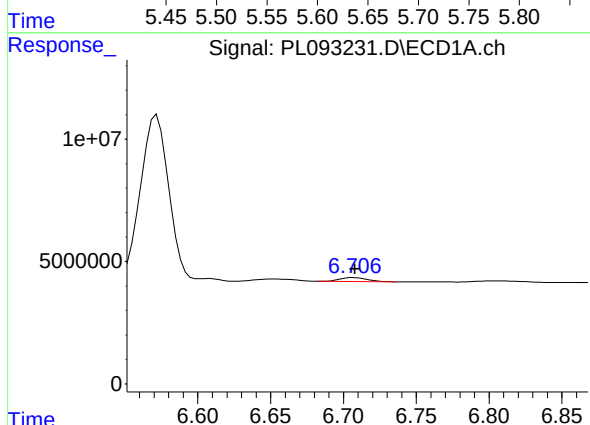
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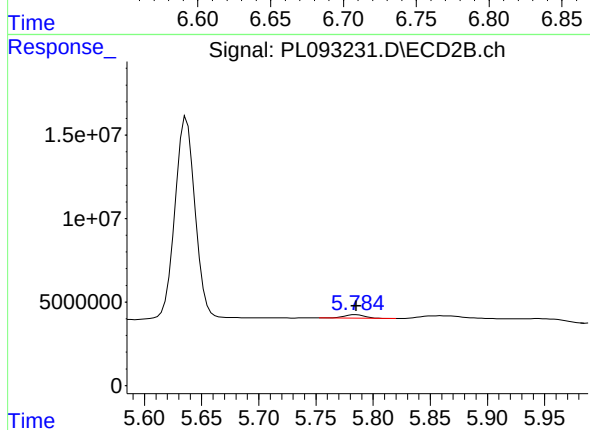
#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 147167853
Conc: 46.14 ng/ml



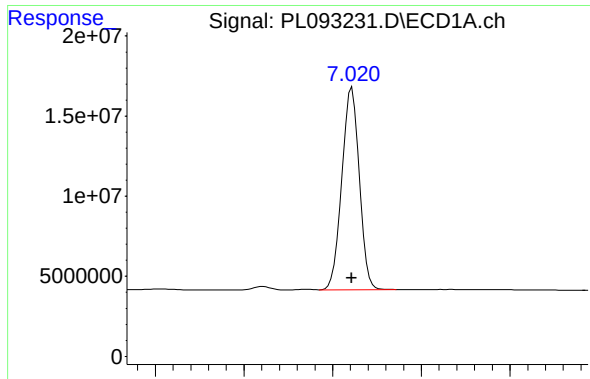
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 2142059
Conc: 1.17 ng/ml m



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 2698915
Conc: 0.96 ng/ml



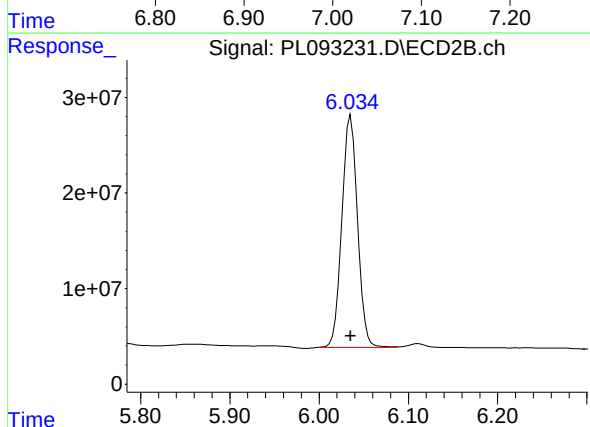
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 172758051
Conc: 89.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

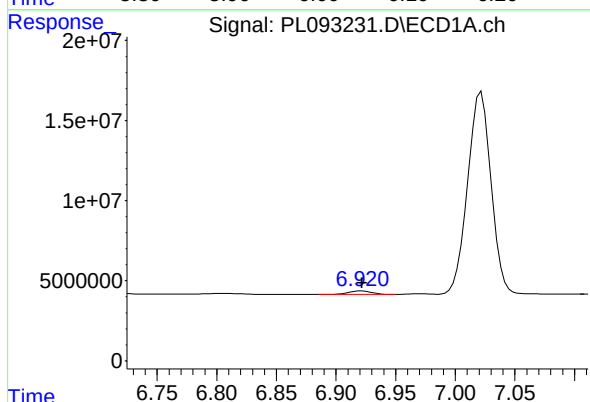
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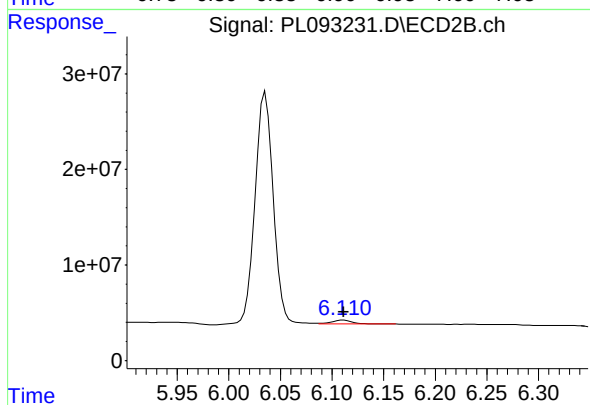
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 296971451
Conc: 100.27 ng/ml



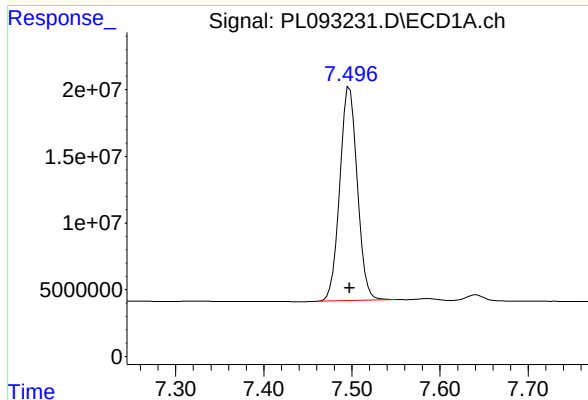
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 2989353
Conc: 1.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 5605406
Conc: 2.14 ng/ml



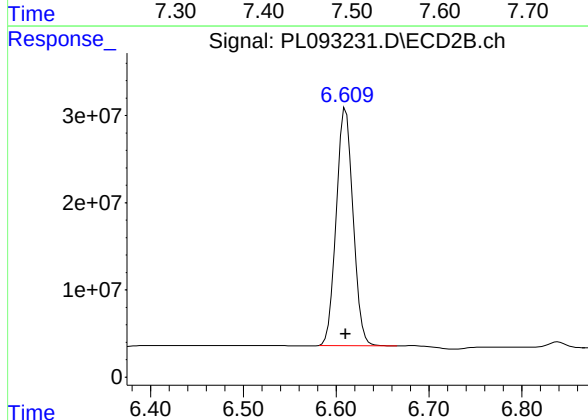
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 221872851
Conc: 212.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

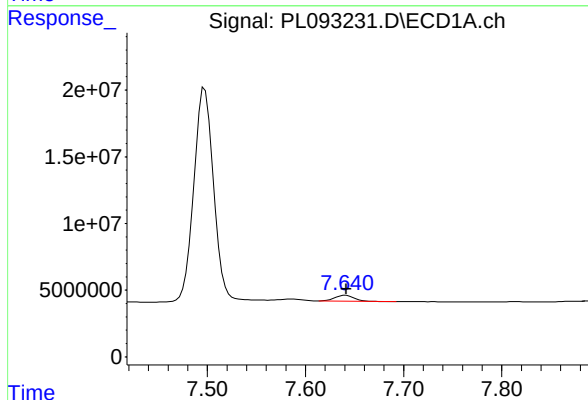
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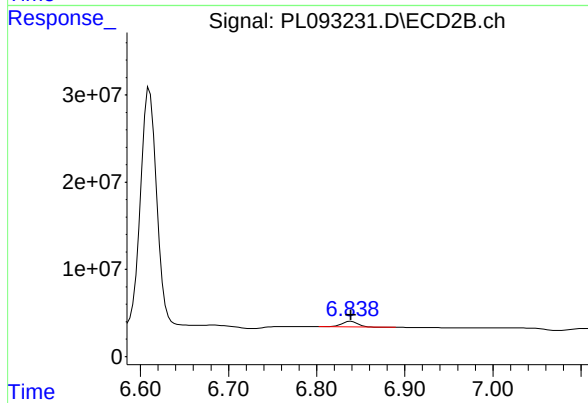
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 343236459
Conc: 224.79 ng/ml



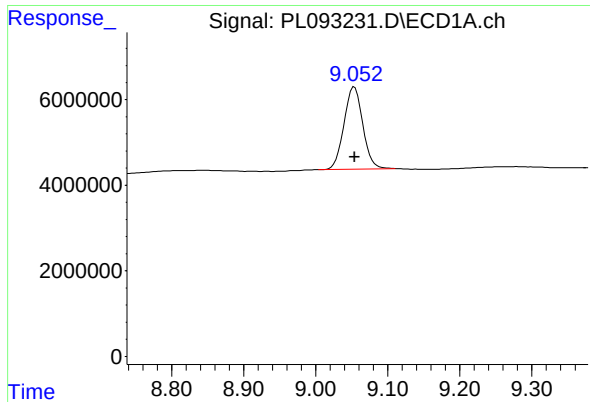
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 5713853
Conc: 2.52 ng/ml



#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 8149737
Conc: 2.43 ng/ml



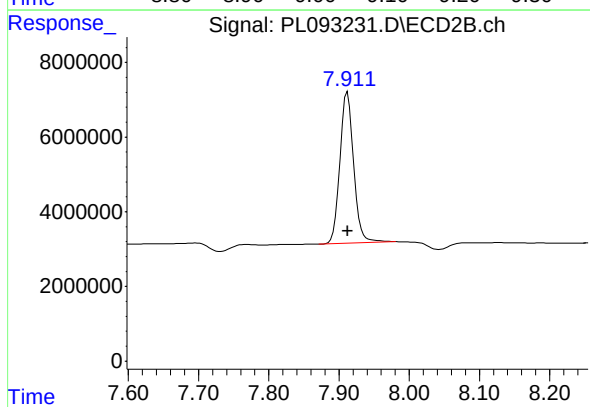
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 34835122
Conc: 20.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 55010092
Conc: 19.26 ng/ml