

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092624\
 Data File : PL092097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2024 23:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 04:46:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.540	2.779	39389809	50265435	17.706	20.041
28) SA Decachlor...	9.059	7.921	26274694	42543236	16.038	17.004
Target Compounds						
2) A alpha-BHC	3.996	3.282	27794125	33652693	8.976	9.237
3) MA gamma-BHC...	4.328	3.612	43658093	31351633	14.089	8.879 #
6) B beta-BHC	4.526	3.912	11685325	15216032	8.810	10.123
12) B 4,4'-DDE	6.195	5.237	257991	689536	0.119m	0.248m#
14) MA Endrin	6.577	5.645	74465836	114.7E6	36.136	43.733
16) A 4,4'-DDD	6.711	5.793	7397972	9056783	4.120m	4.240
17) MA 4,4'-DDT	7.026	6.044	138.9E6	215.4E6	75.428	93.118
18) B Endrin al...	6.927	6.119	2254625	3803668	1.294	1.864 #
20) A Methoxychlor	7.503	6.620	185.5E6	270.9E6	188.909	216.688
21) B Endrin ke...	7.646	6.848	5890154	8496753	2.680	3.069

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

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Acq On : 26 Sep 2024 23:40
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

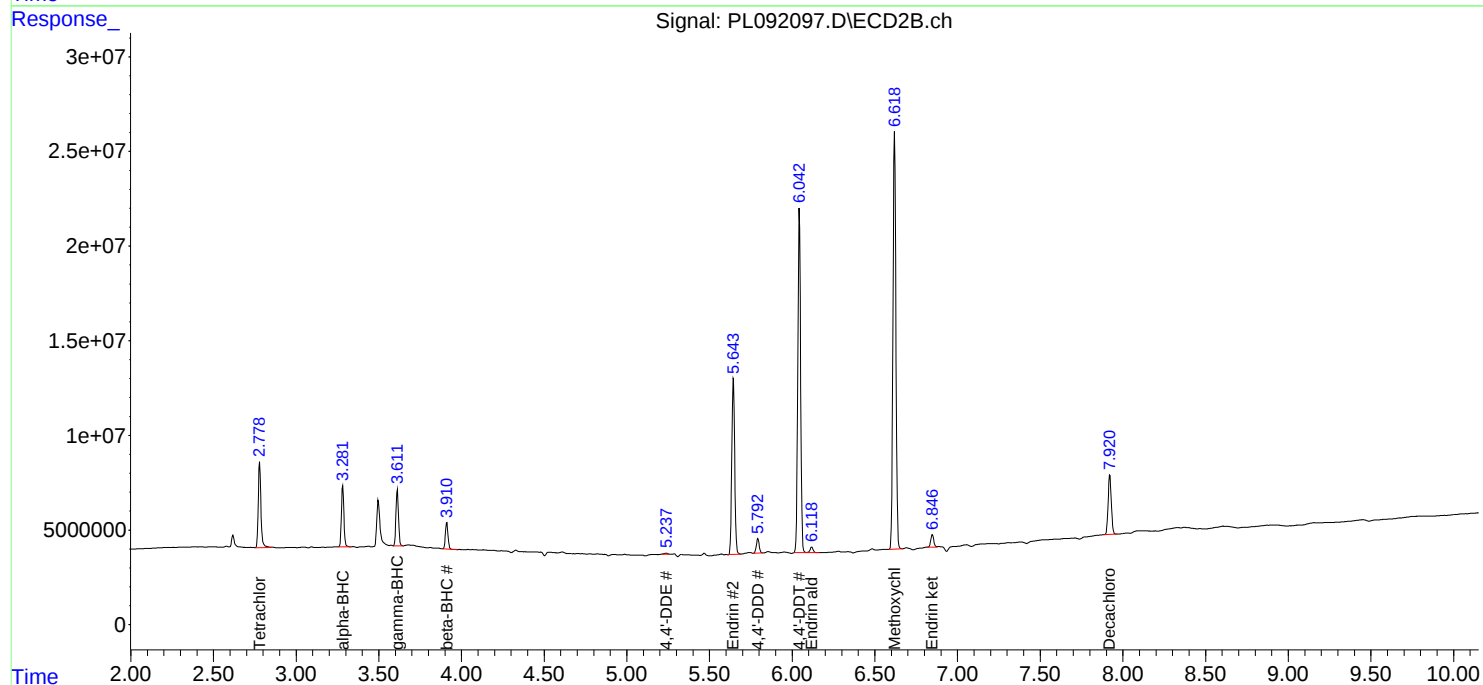
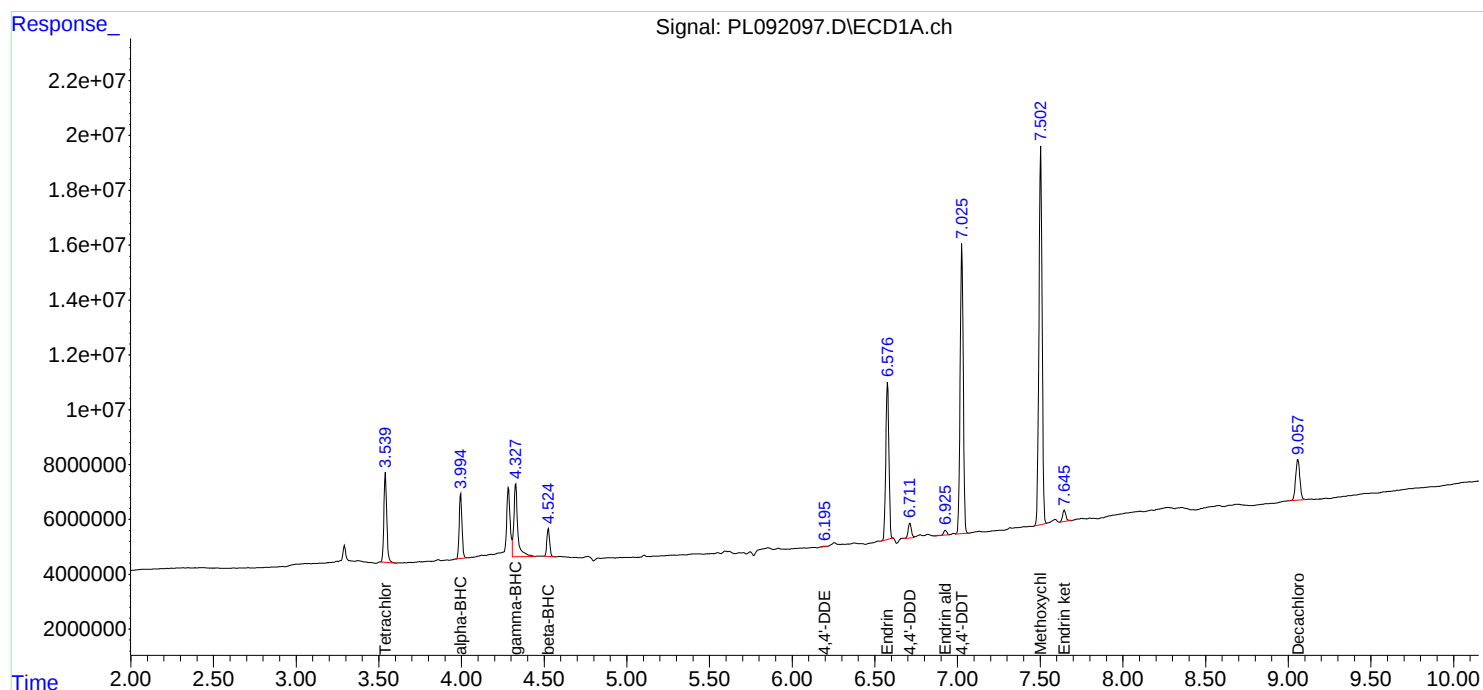
Instrument :
ECD_L
ClientSampleId :
PEM

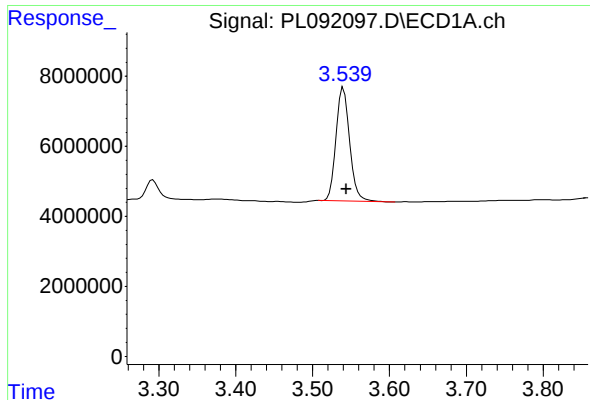
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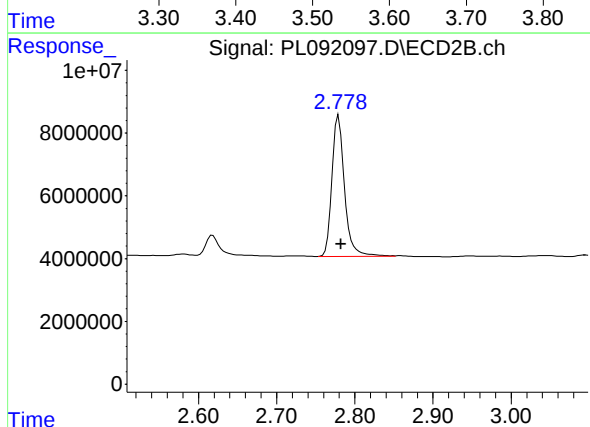
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 39389809
Conc: 17.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

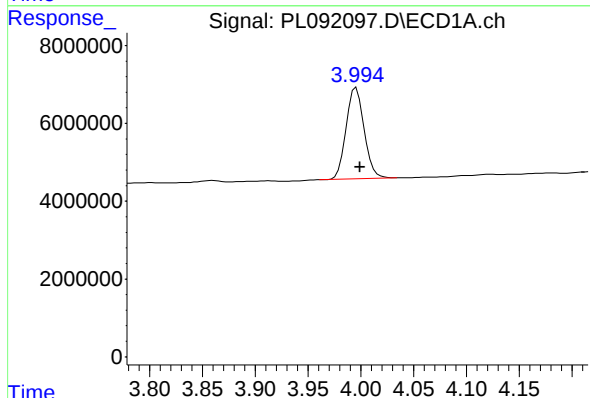
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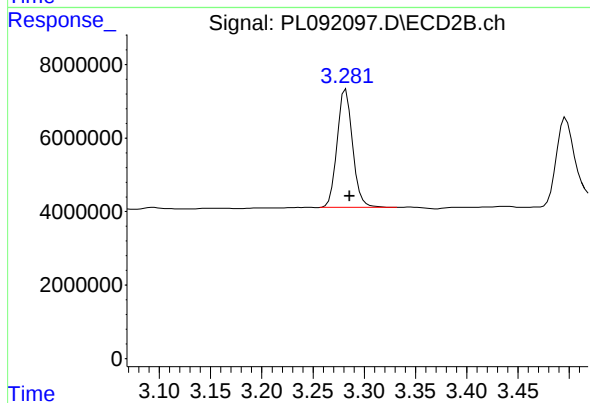
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.003 min
Response: 50265435
Conc: 20.04 ng/ml



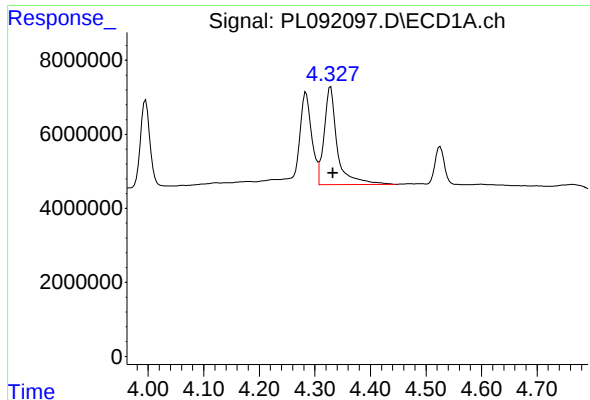
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 27794125
Conc: 8.98 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: -0.004 min
Response: 33652693
Conc: 9.24 ng/ml



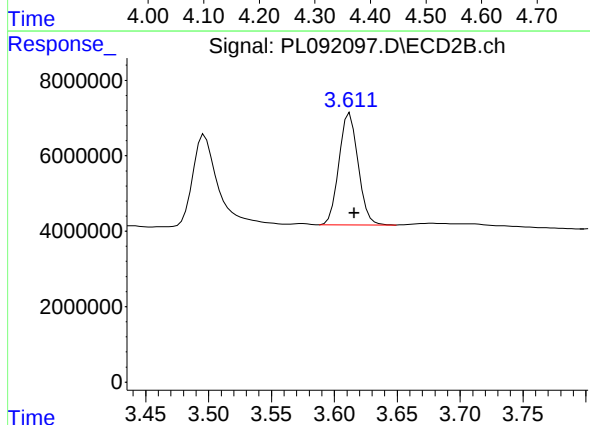
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 43658093
Conc: 14.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

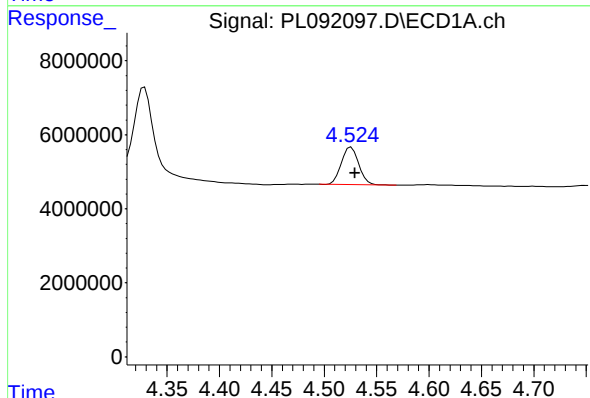
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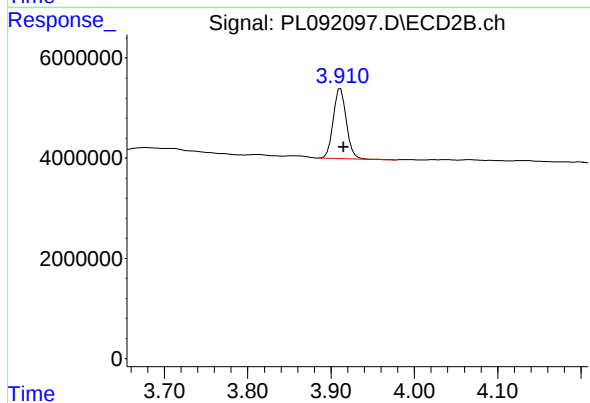
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: -0.003 min
Response: 31351633
Conc: 8.88 ng/ml



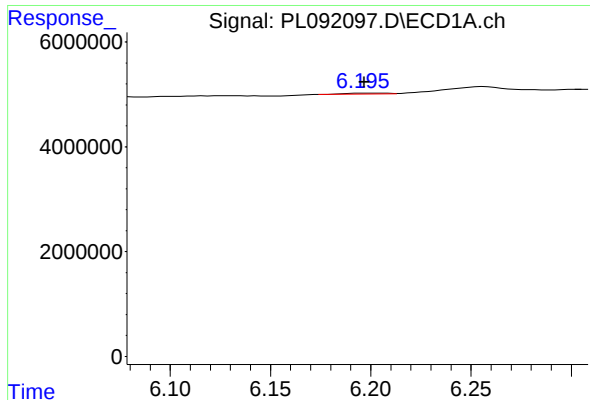
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.004 min
Response: 11685325
Conc: 8.81 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 15216032
Conc: 10.12 ng/ml



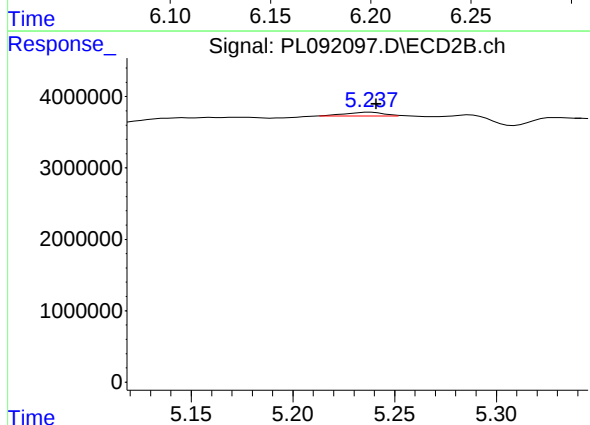
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 257991
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

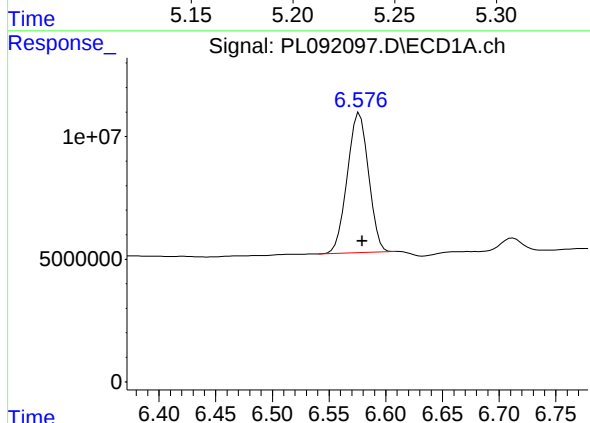
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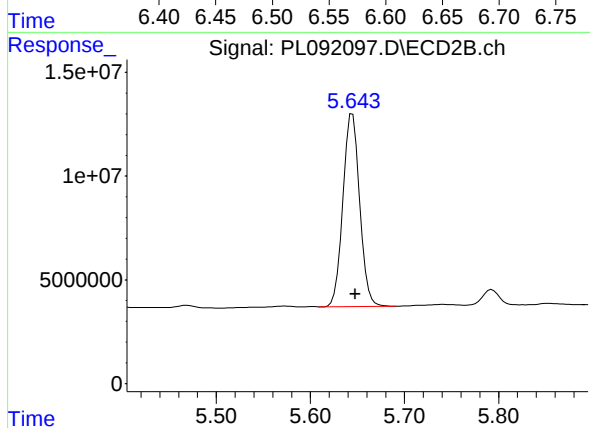
#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 689536
Conc: 0.25 ng/ml



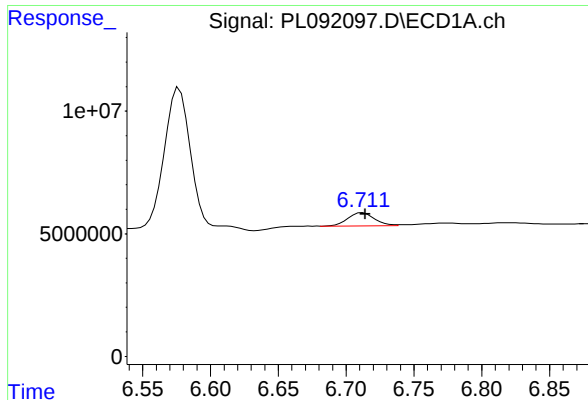
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 74465836
Conc: 36.14 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 114675252
Conc: 43.73 ng/ml



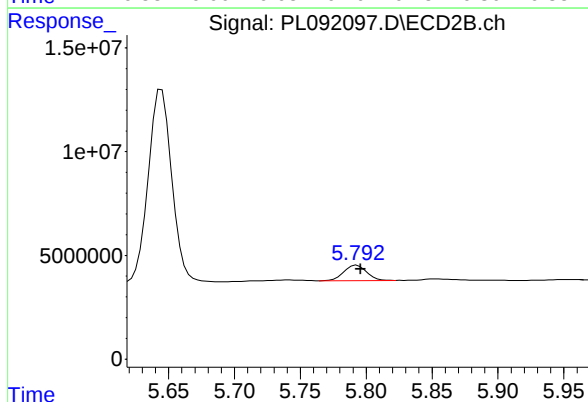
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 7397972
Conc: 4.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

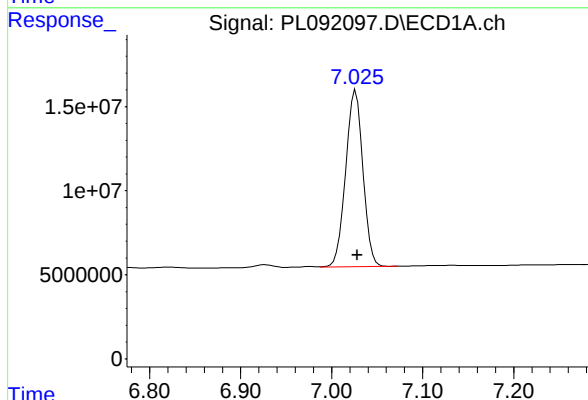
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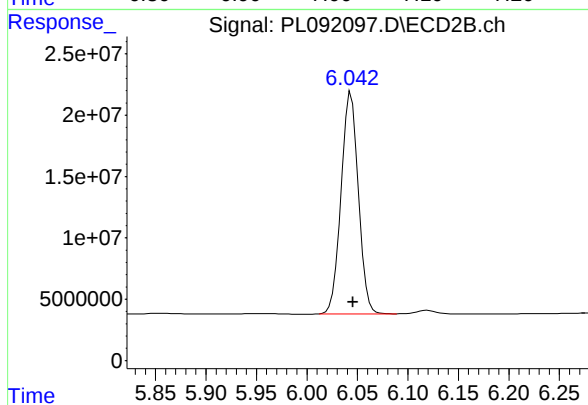
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 9056783
Conc: 4.24 ng/ml



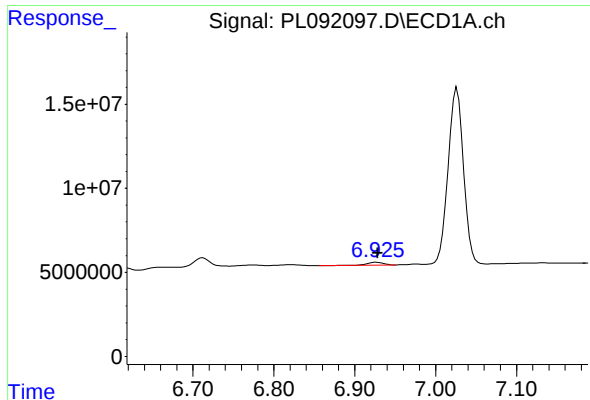
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 138877672
Conc: 75.43 ng/ml



#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 215397468
Conc: 93.12 ng/ml



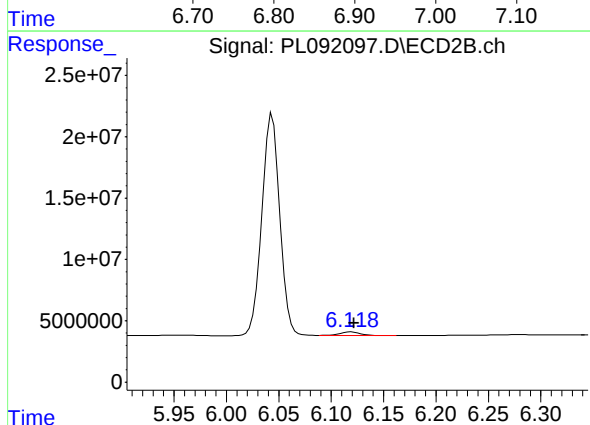
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 2254625
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

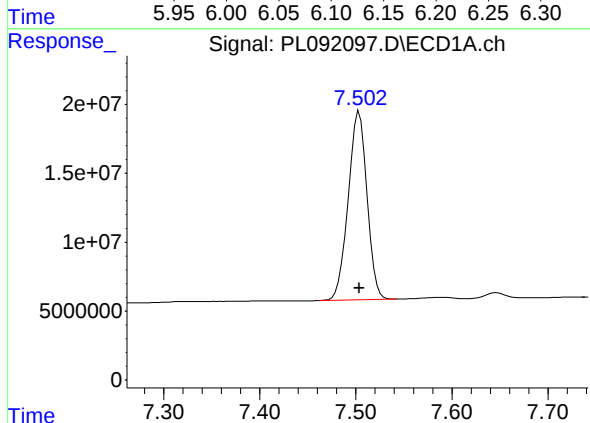
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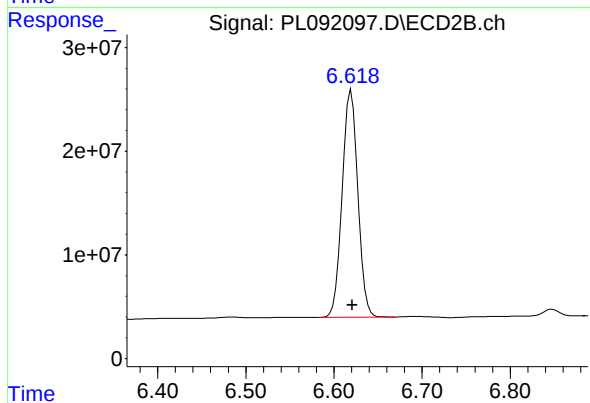
#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 3803668
Conc: 1.86 ng/ml



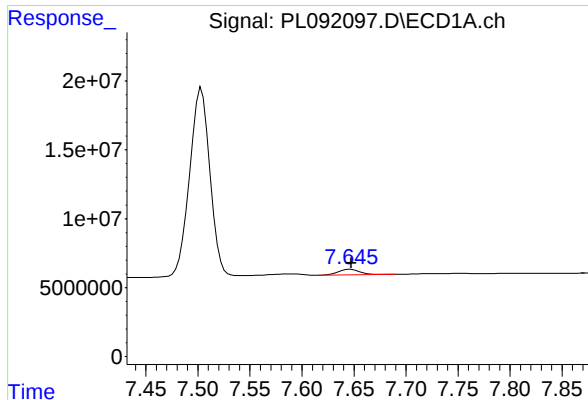
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 185454444
Conc: 188.91 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 270934904
Conc: 216.69 ng/ml



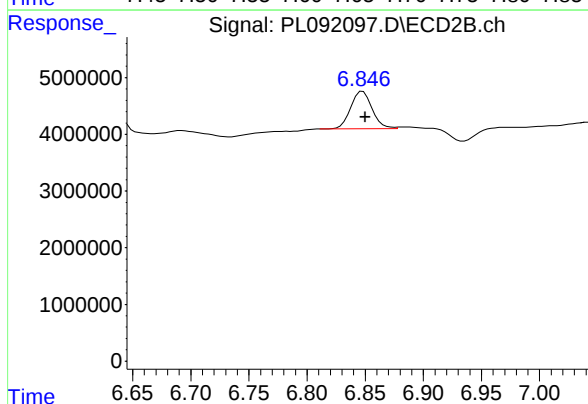
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 5890154
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

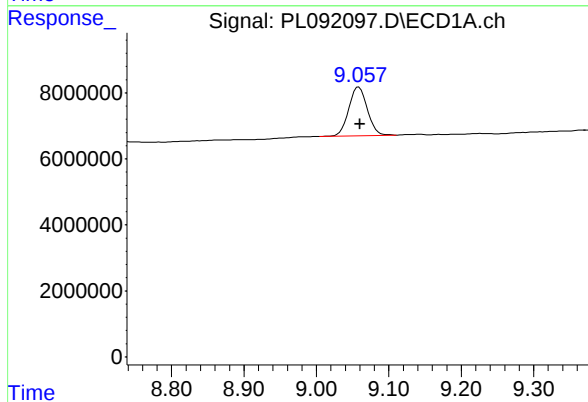
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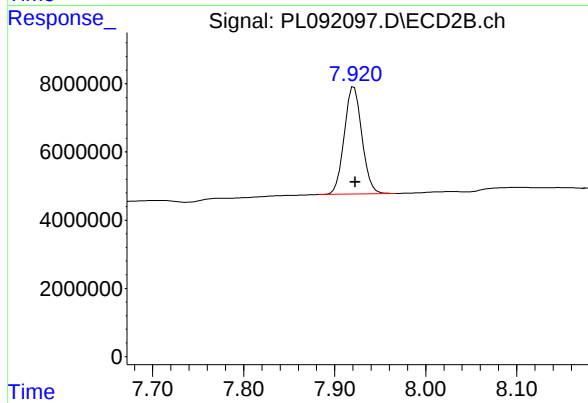
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 8496753
Conc: 3.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 26274694
Conc: 16.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 42543236
Conc: 17.00 ng/ml