

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080524\
 Data File : PL090791.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2024 19:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/06/2024
 Supervised By : Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 10:58:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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...	3.543	2.786	39784742	34974717	20.547	20.231
28)	SA Decachlor...	9.053	7.926	31252546	35605161	21.752	21.331
Target Compounds							
2)	A alpha-BHC	3.998	3.289	29088098	23863942	10.531	9.687
3)	MA gamma-BHC...	4.330	3.619	27714815	22666129	10.538	9.681
6)	B beta-BHC	4.526	3.917	13347121	11338630	10.602	10.660
12)	B 4,4'-DDE	6.194	5.244	618649	415104	0.312m	0.221m#
14)	MA Endrin	6.576	5.651	80069637	85228546	43.719	46.644
16)	A 4,4'-DDD	6.711	5.799	2067848	1613217	1.254	1.040
17)	MA 4,4'-DDT	7.024	6.049	156.3E6	175.0E6	87.676	105.508
18)	B Endrin al...	6.924	6.124	2712097	2563729	1.801	1.811
20)	A Methoxychlor	7.499	6.624	201.1E6	227.6E6	210.774	246.541
21)	B Endrin ke...	7.642	6.851	4945598	4258363	2.496	2.149

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

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Acq On : 05 Aug 2024 19:30
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

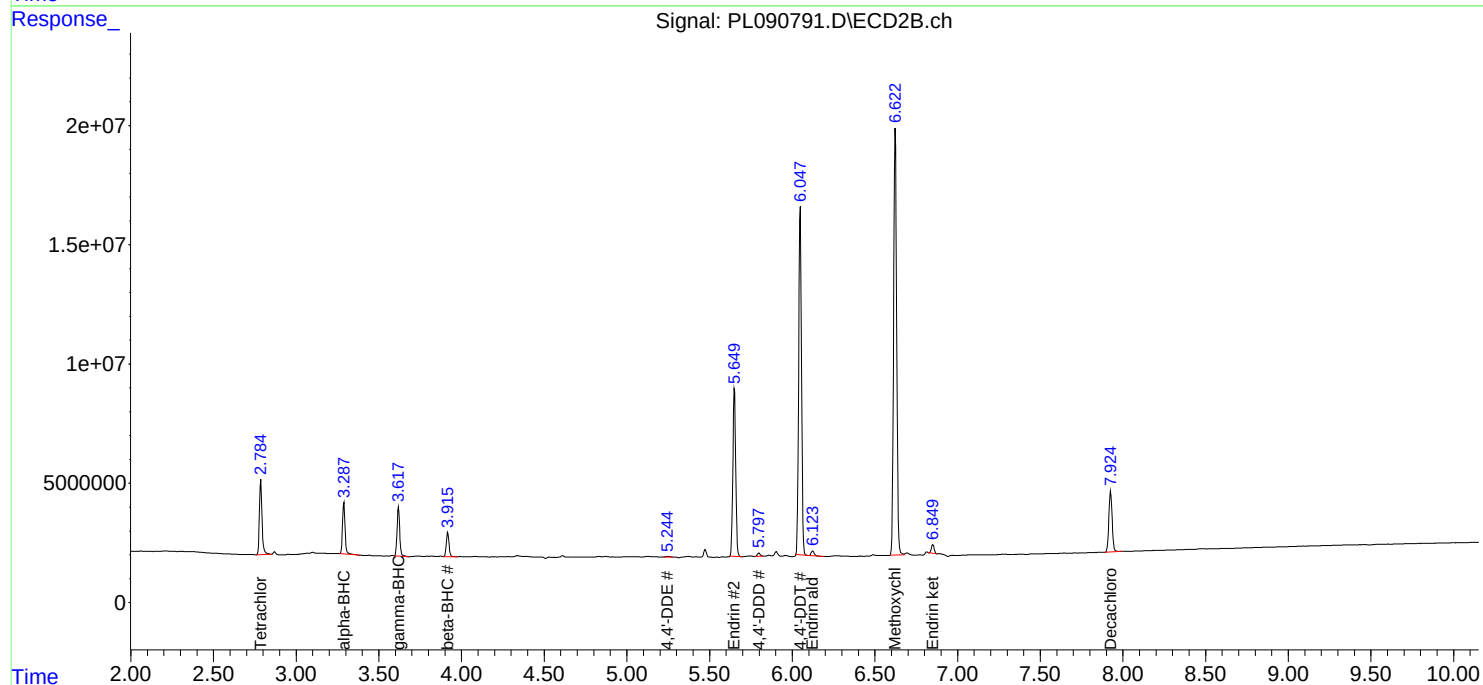
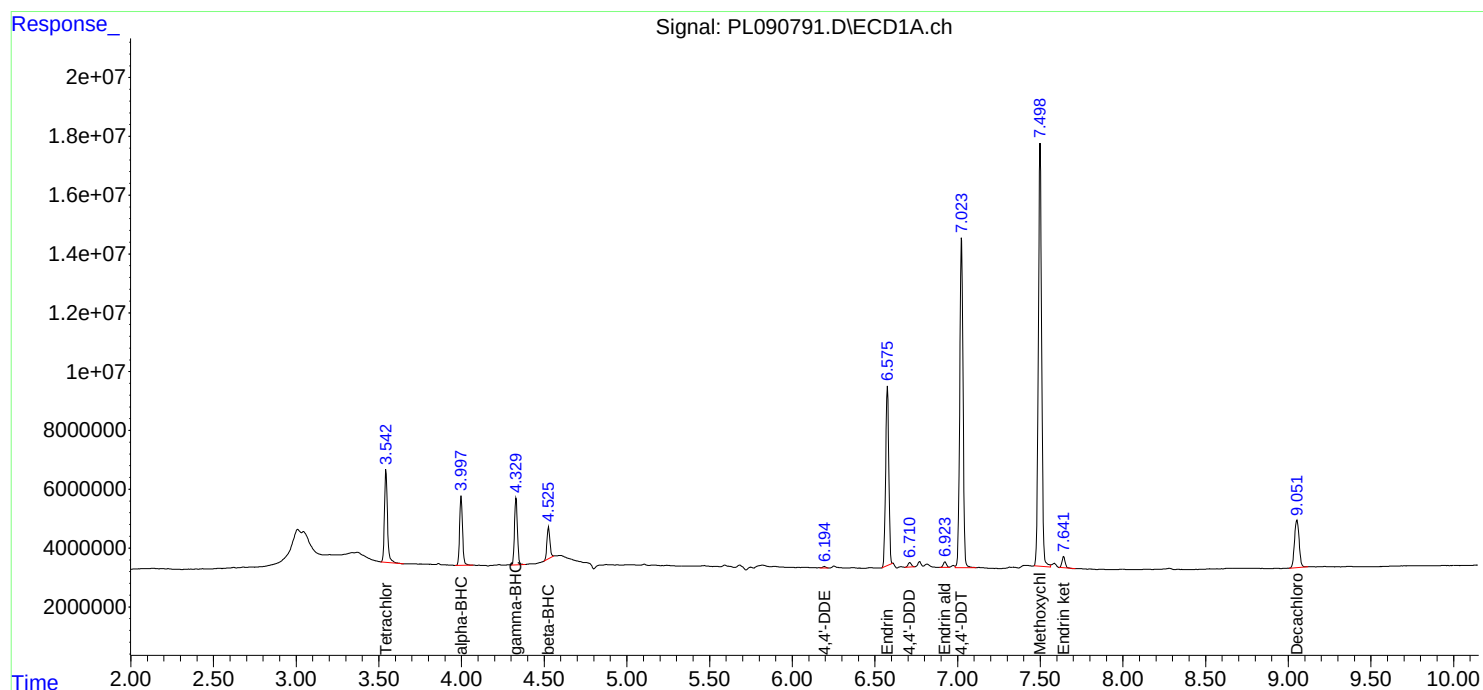
Instrument :
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ClientSampleId :
PEM

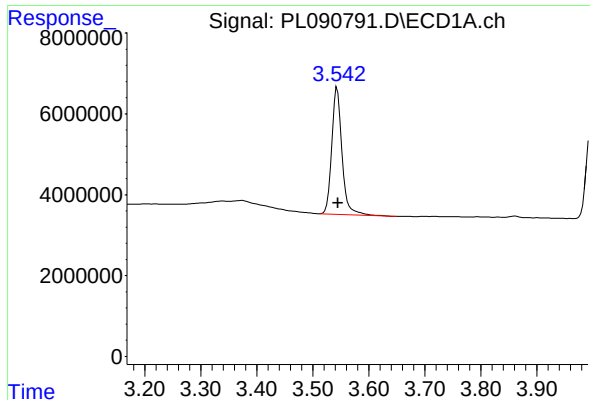
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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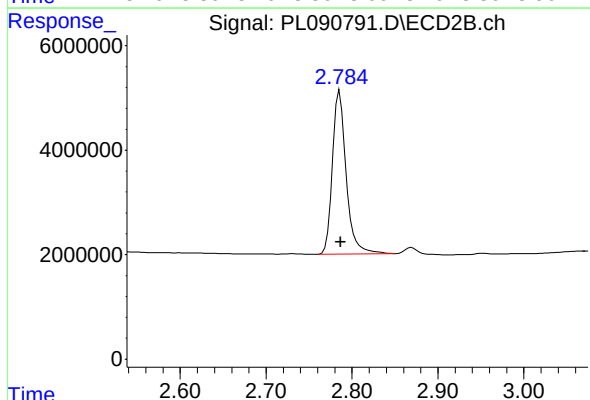
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 39784742
Conc: 20.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

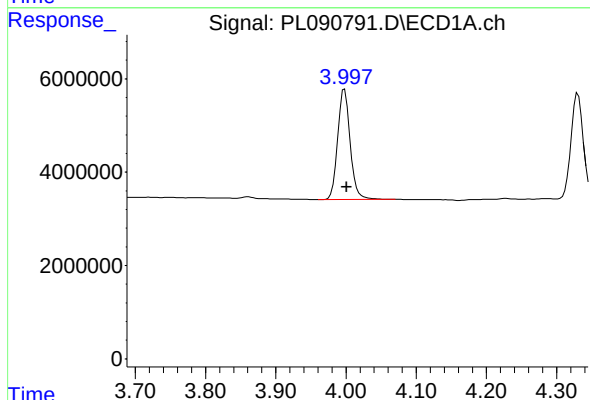
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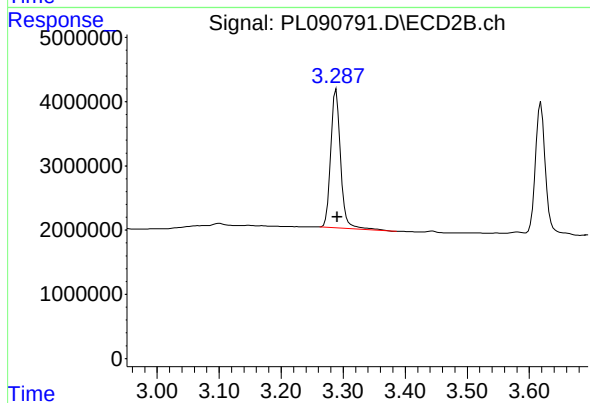
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.001 min
Response: 34974717
Conc: 20.23 ng/ml



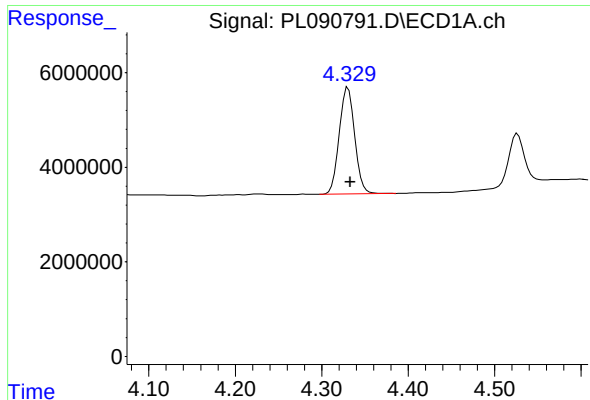
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 29088098
Conc: 10.53 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: -0.002 min
Response: 23863942
Conc: 9.69 ng/ml



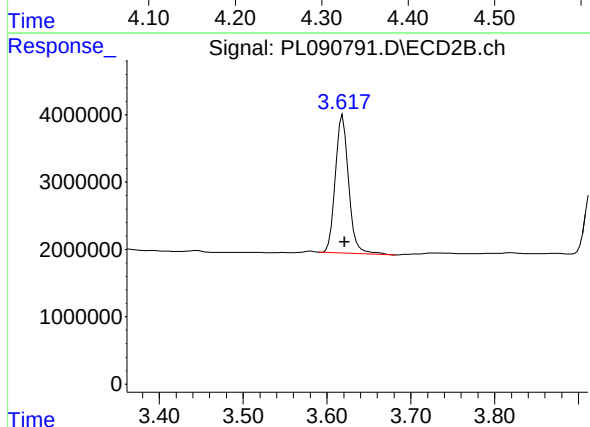
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.003 min
Response: 27714815
Conc: 10.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

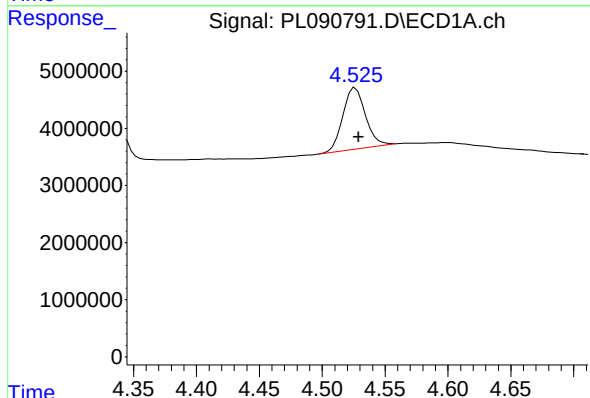
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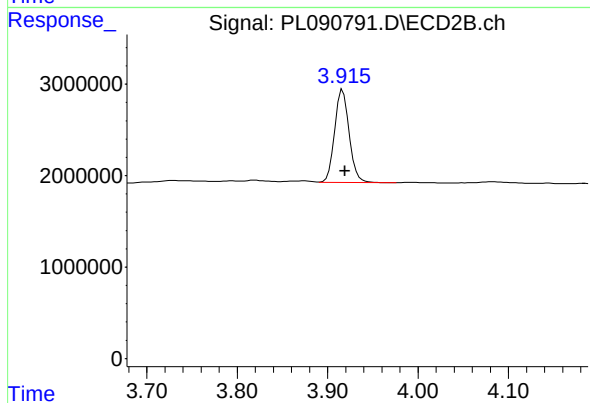
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 22666129
Conc: 9.68 ng/ml



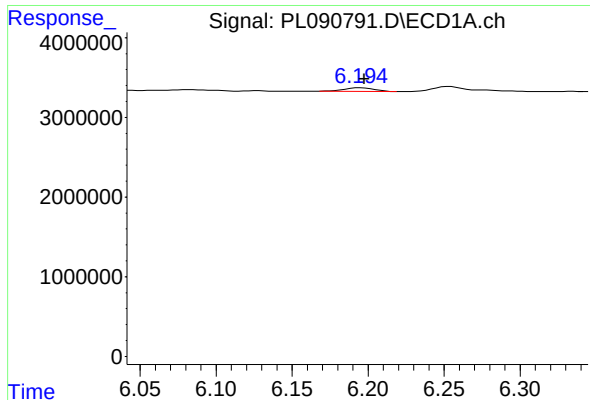
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 13347121
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: -0.002 min
Response: 11338630
Conc: 10.66 ng/ml



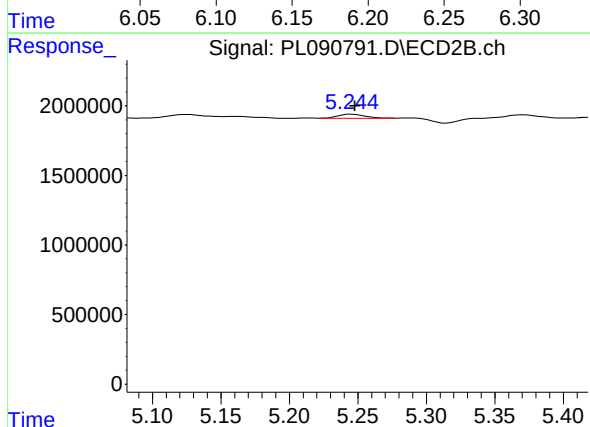
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 618649
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

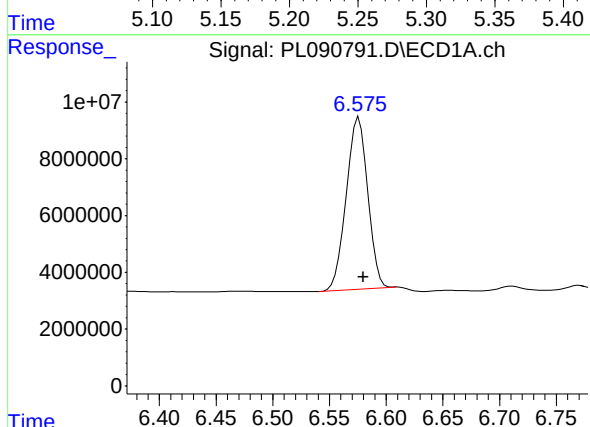
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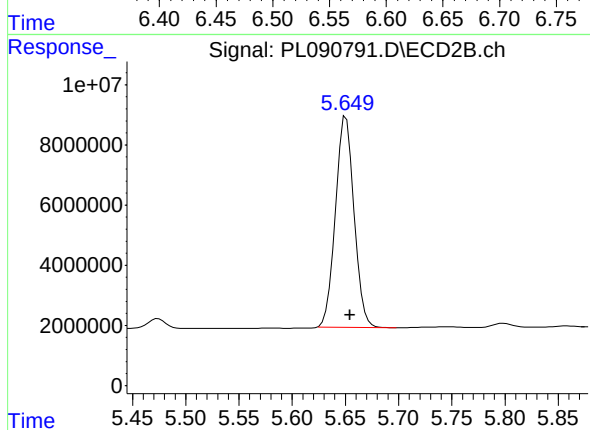
#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: -0.004 min
Response: 415104
Conc: 0.22 ng/ml



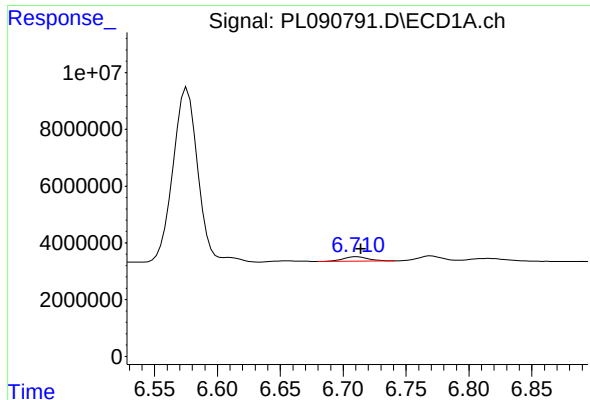
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 80069637
Conc: 43.72 ng/ml



#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 85228546
Conc: 46.64 ng/ml



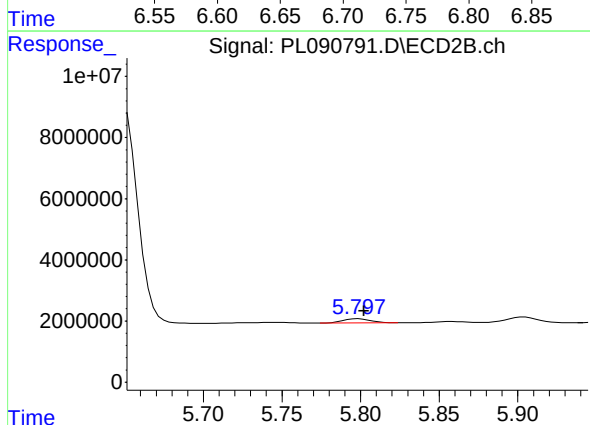
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 2067848
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

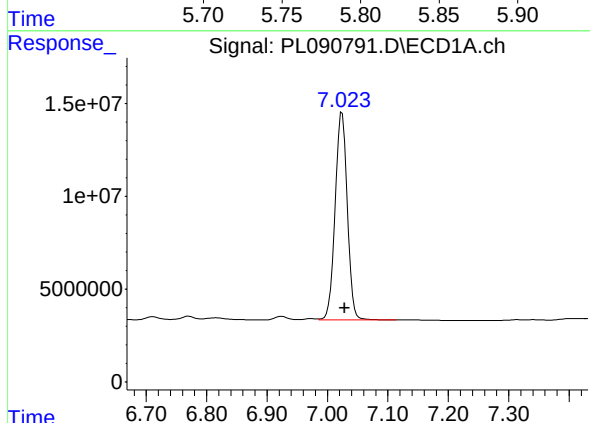
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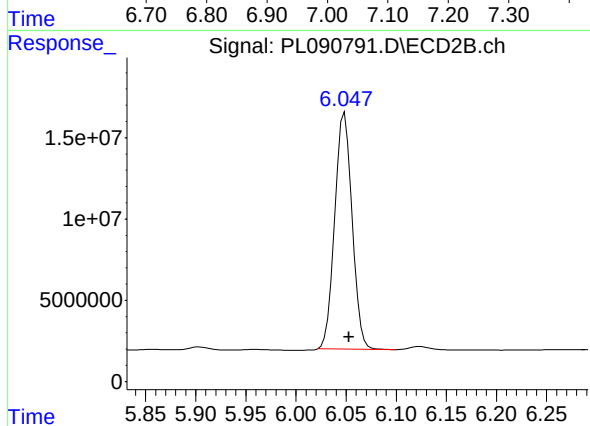
#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 1613217
Conc: 1.04 ng/ml



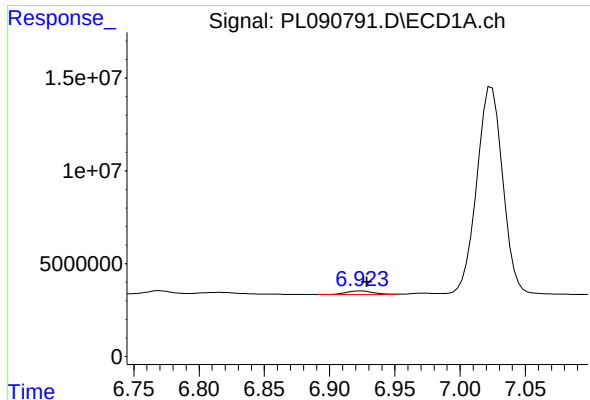
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 156307279
Conc: 87.68 ng/ml



#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 174960783
Conc: 105.51 ng/ml



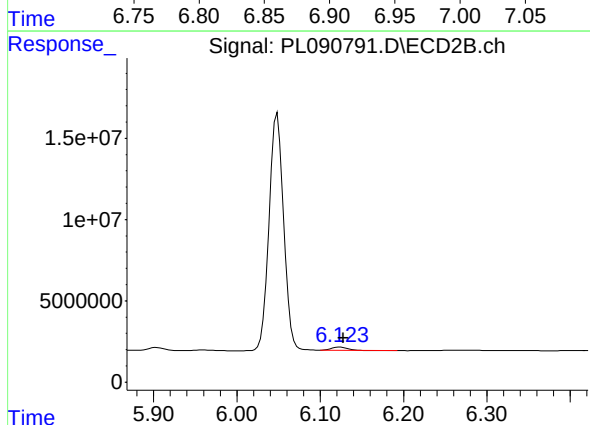
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.005 min
Response: 2712097
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

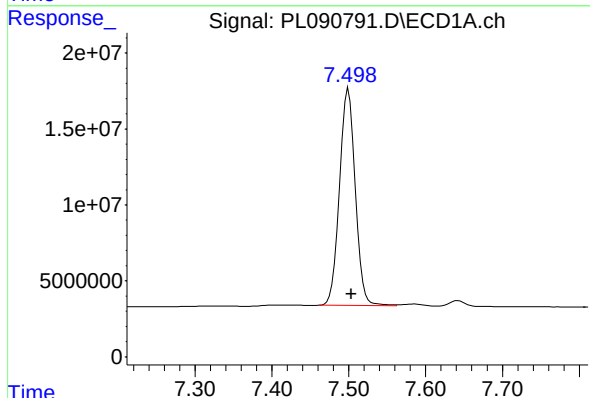
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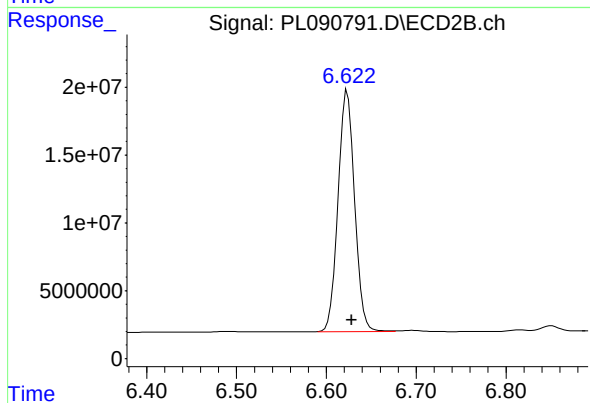
#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: -0.004 min
Response: 2563729
Conc: 1.81 ng/ml



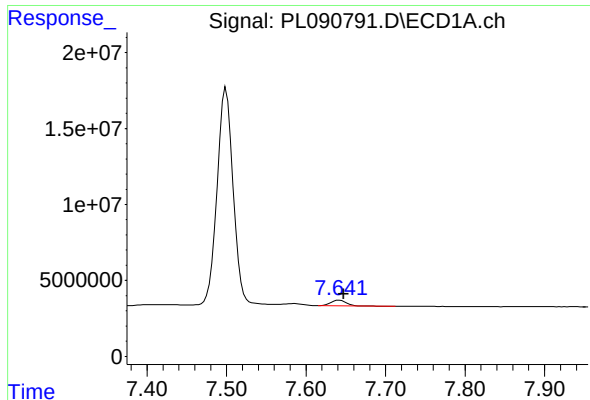
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 201129409
Conc: 210.77 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.005 min
Response: 227565422
Conc: 246.54 ng/ml



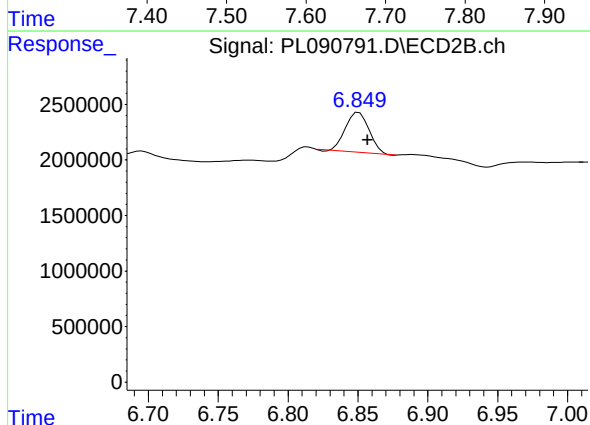
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.006 min
Response: 4945598
Conc: 2.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

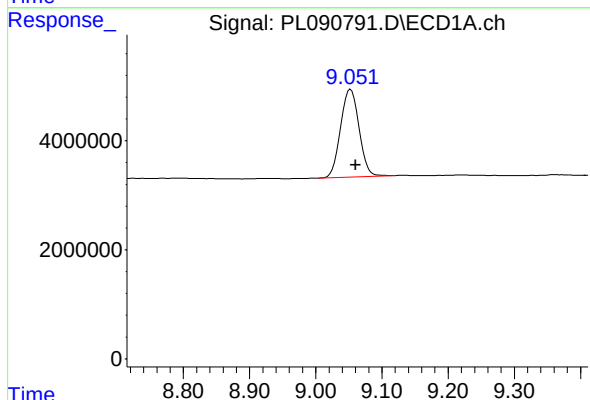
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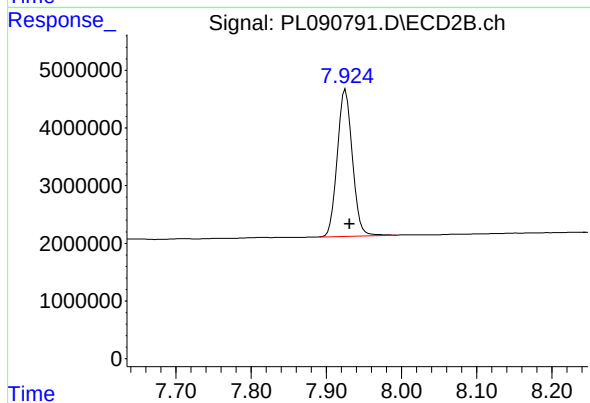
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.006 min
Response: 4258363
Conc: 2.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.008 min
Response: 31252546
Conc: 21.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.006 min
Response: 35605161
Conc: 21.33 ng/ml