

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
 Data File : PL094567.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 10:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/12/2025
 Supervised By : Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 17:34:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:31:55 2025
 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	2.771	55468340	68955312	19.595	19.319
2) SA Decachlor...	9.052	7.905	43281377	79131399	20.537	19.590
Target Compounds						
2) A alpha-BHC	3.992	3.273	42494047	49328954	10.234	9.150
3) MA gamma-BHC...	4.325	3.603	41158643	47101013	10.315	9.165
6) B beta-BHC	4.524	3.903	18789587	22504052	10.183	10.131
14) MA Endrin	6.572	5.632	120.4E6	193.8E6	43.433	44.412
16) A 4,4'-DDD	6.709	5.779	1264001	4221824	0.584m	1.174m#
17) MA 4,4'-DDT	7.021	6.030	207.0E6	392.7E6	87.030	97.403
18) B Endrin al...	6.919	6.106	2907361	6474395	1.377m	1.924 #
20) A Methoxychlor	7.498	6.605	256.9E6	475.9E6	214.629	224.378
21) B Endrin ke...	7.639	6.832	5622823	9085072	2.127m	1.904m

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

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Acq On : 11 Mar 2025 10:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

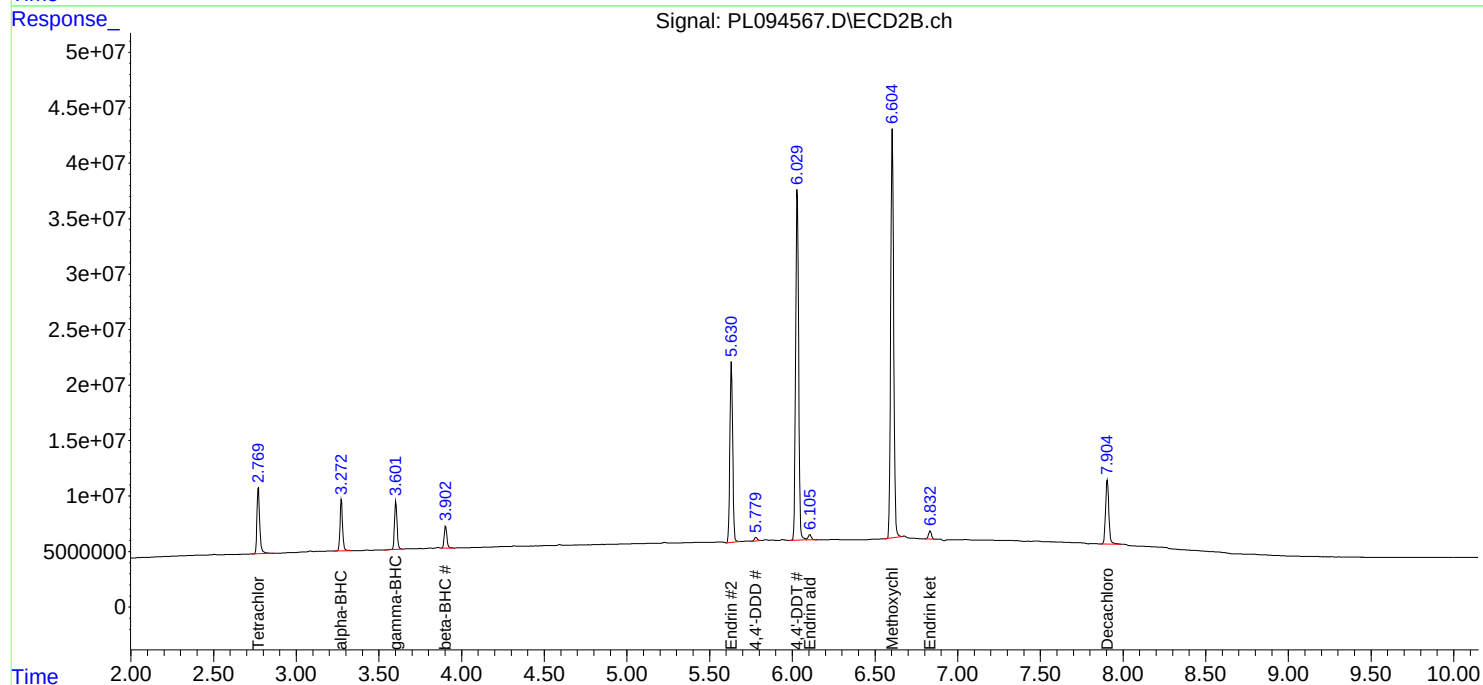
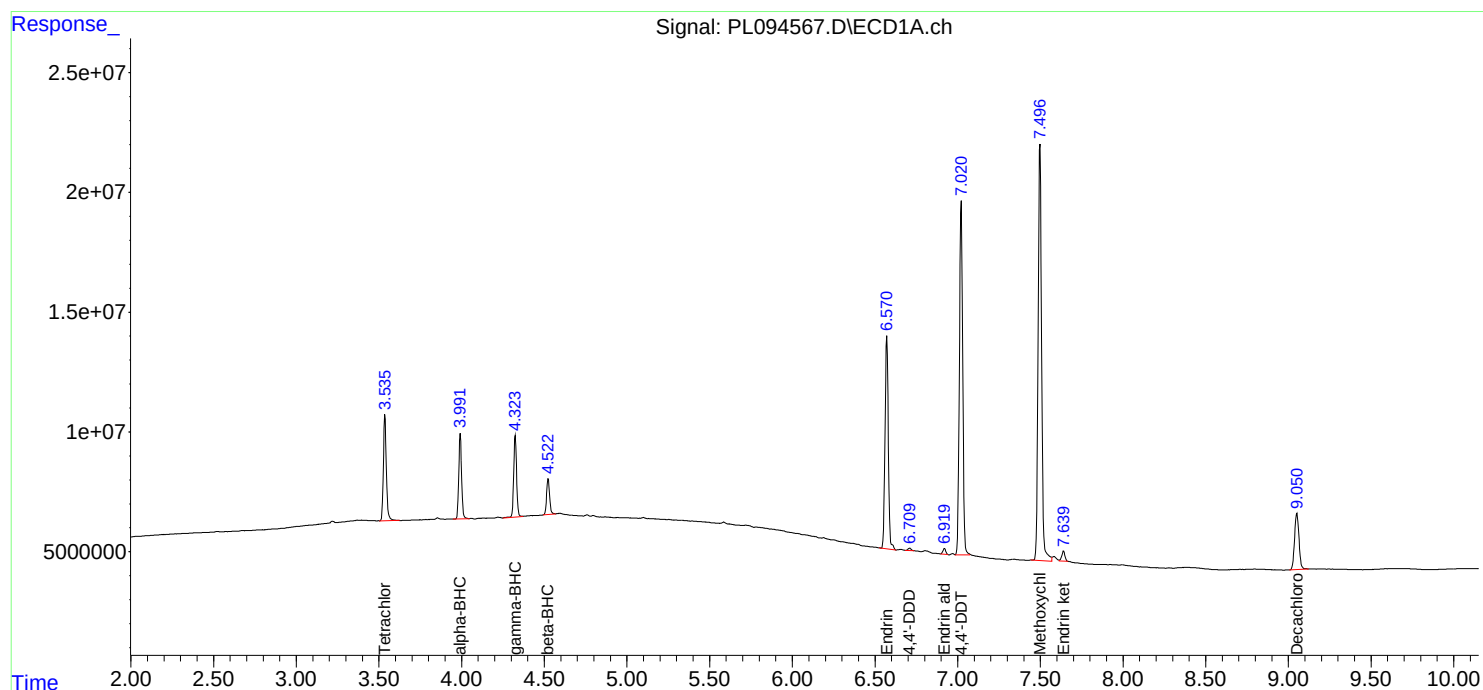
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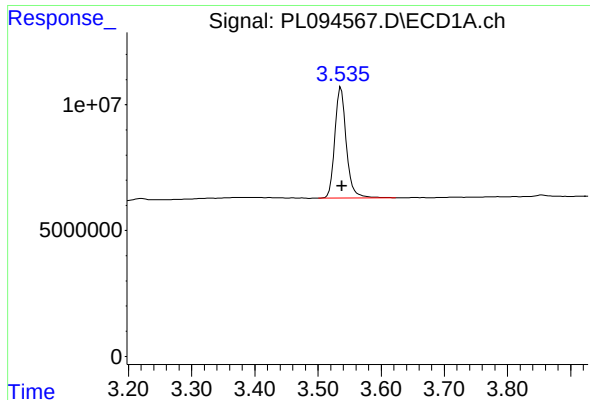
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:34:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
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Volume Inj. : 1 µl
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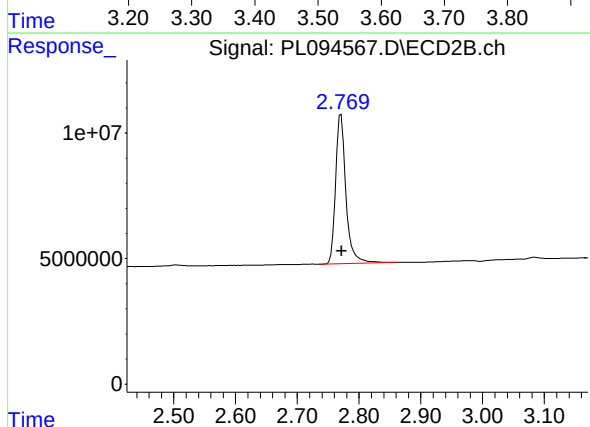
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 55468340
Conc: 19.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

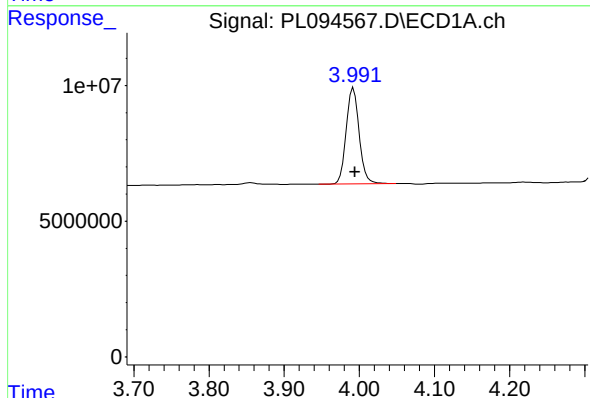
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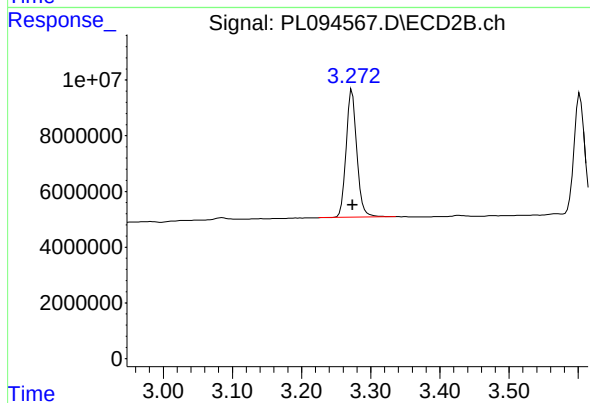
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 68955312
Conc: 19.32 ng/ml



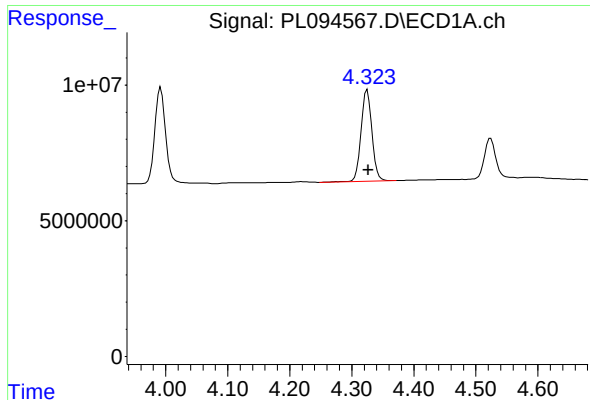
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 42494047
Conc: 10.23 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 49328954
Conc: 9.15 ng/ml



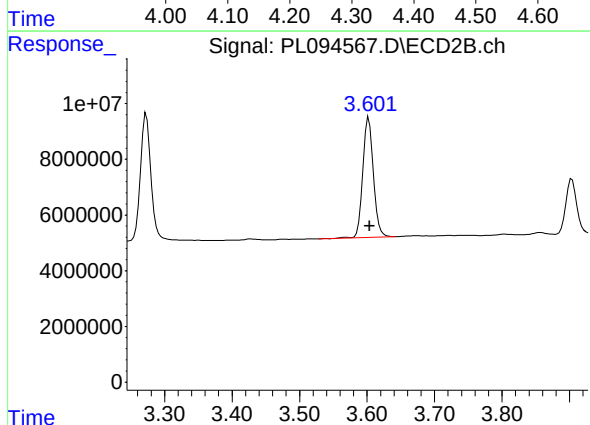
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 41158643
Conc: 10.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

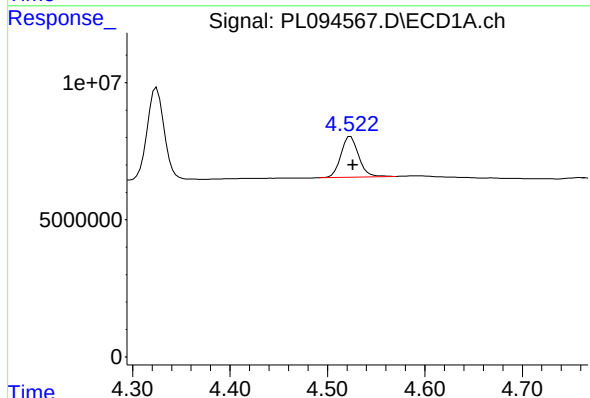
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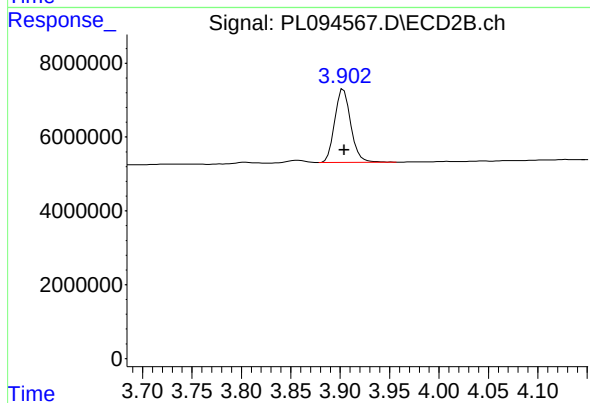
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.001 min
Response: 47101013
Conc: 9.16 ng/ml



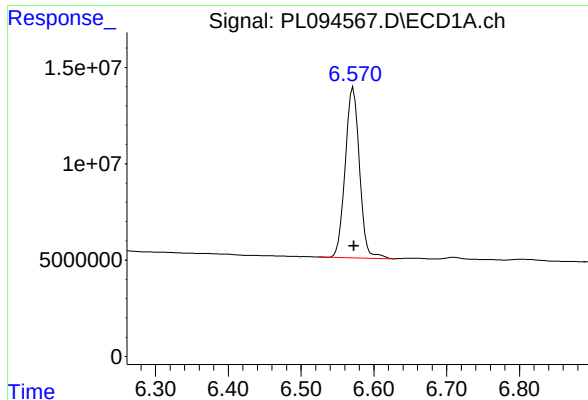
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 18789587
Conc: 10.18 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 22504052
Conc: 10.13 ng/ml



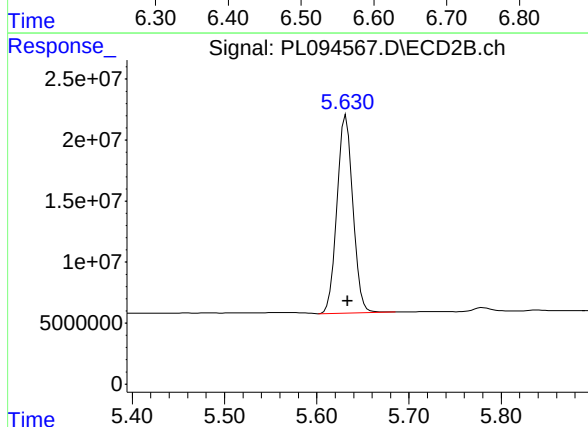
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 120398593
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

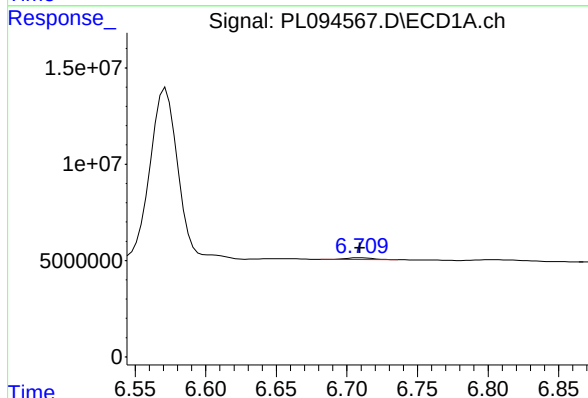
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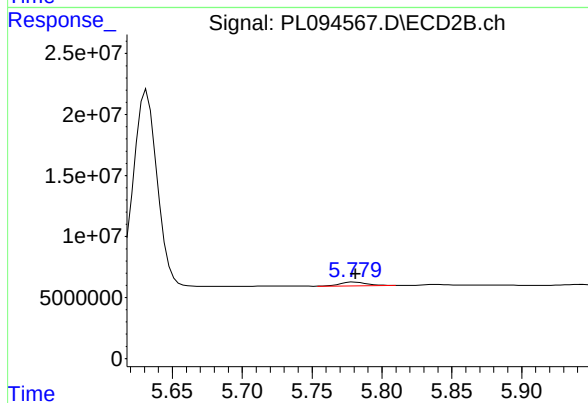
#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 193799546
Conc: 44.41 ng/ml



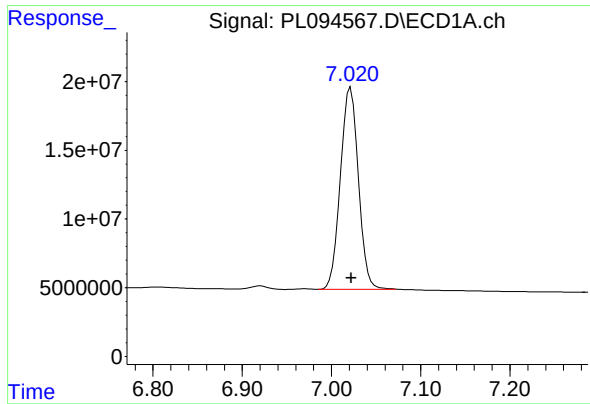
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 1264001
Conc: 0.58 ng/ml m



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 4221824
Conc: 1.17 ng/ml m



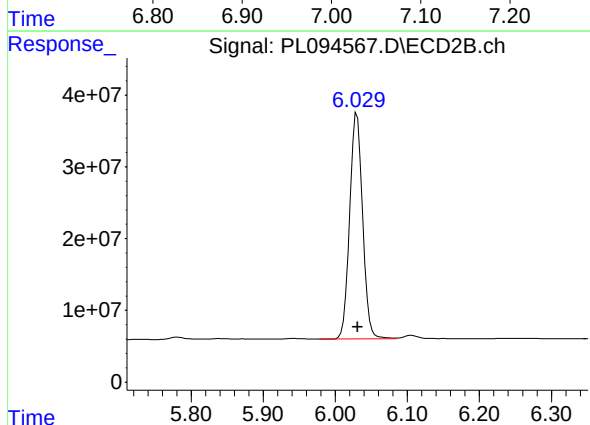
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 207005384
Conc: 87.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

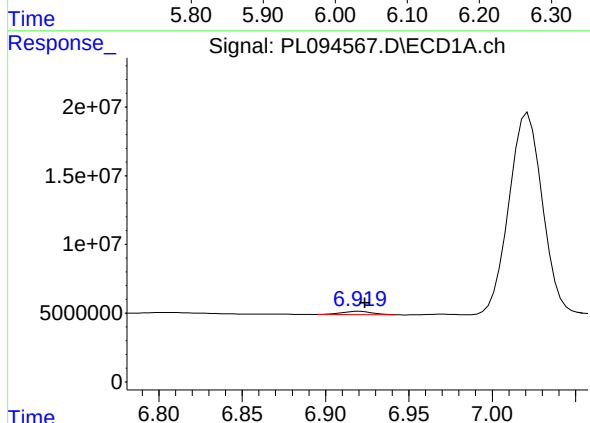
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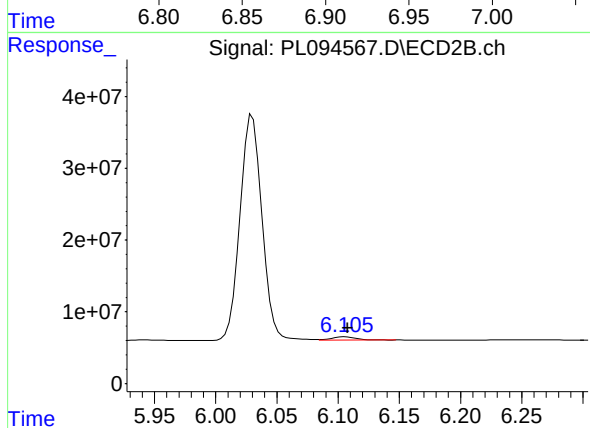
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 392738009
Conc: 97.40 ng/ml



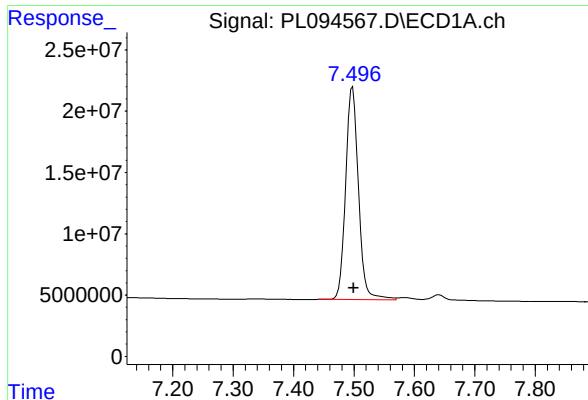
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 2907361
Conc: 1.38 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 6474395
Conc: 1.92 ng/ml



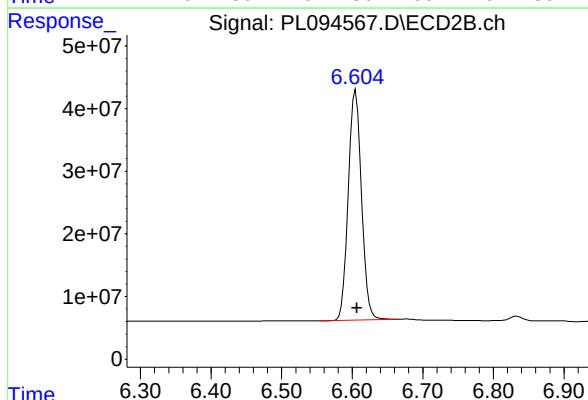
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 256926285
Conc: 214.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

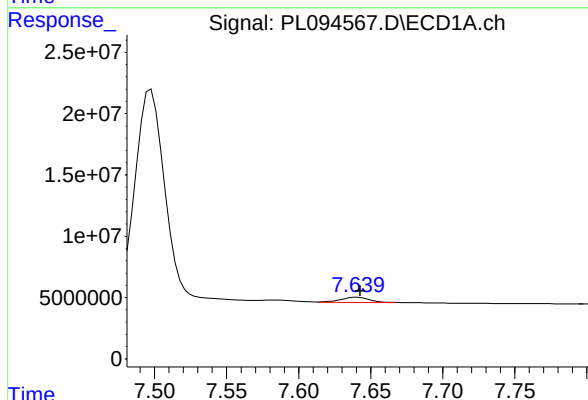
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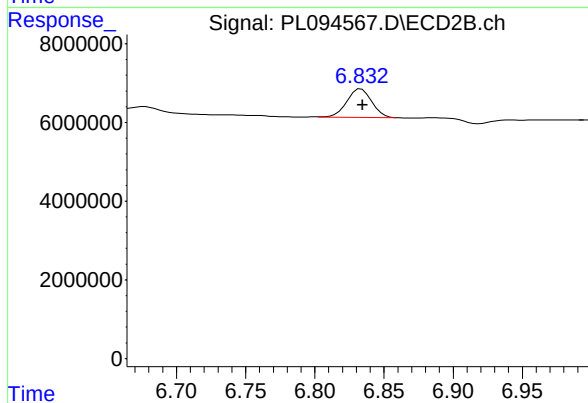
#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 475921196
Conc: 224.38 ng/ml



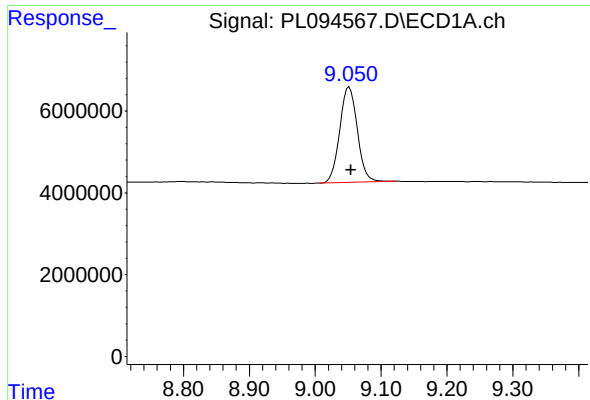
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 5622823
Conc: 2.13 ng/ml m



#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 9085072
Conc: 1.90 ng/ml m



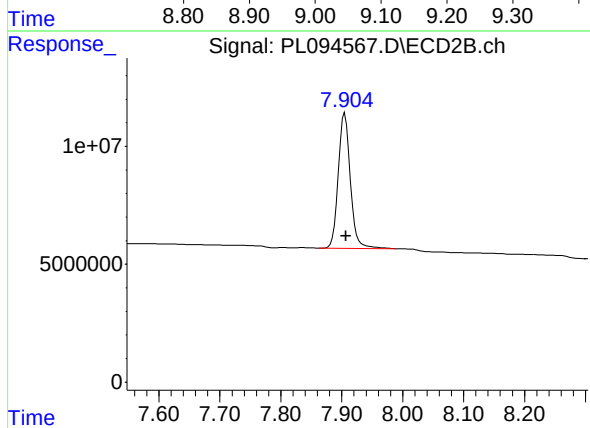
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.003 min
Response: 43281377
Conc: 20.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 79131399
Conc: 19.59 ng/ml