

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
 Data File : PL094447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 10:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/03/2025
 Supervised By :mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:01:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.538	2.772	64281267	79749861	25.317	24.991
28)	SA Decachlor...	9.055	7.907	49424479	86930675	23.234	22.605
Target Compounds							
2)	A alpha-BHC	3.993	3.274	49250812	57471008	13.020	11.693
3)	MA gamma-BHC...	4.326	3.604	46767221	53978362	12.658	11.461
6)	B beta-BHC	4.525	3.904	20626335	26650991	12.916	13.400
12)	B 4,4'-DDE	6.190	5.225	660844	712380	0.253m	0.170m#
14)	MA Endrin	6.572	5.634	122.3E6	213.3E6	47.923m	62.657 #
16)	A 4,4'-DDD	6.710	5.782	9991614	13993049	5.402	4.393
17)	MA 4,4'-DDT	7.024	6.032	226.8E6	433.0E6	108.015	121.722
18)	B Endrin al...	6.923	6.108	5049000	8760519	2.593	2.772
20)	A Methoxychlor	7.501	6.607	276.7E6	520.4E6	249.052	266.753
21)	B Endrin ke...	7.643	6.834	10289513	21695286	4.104	5.084m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
Data File : PL094447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 10:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

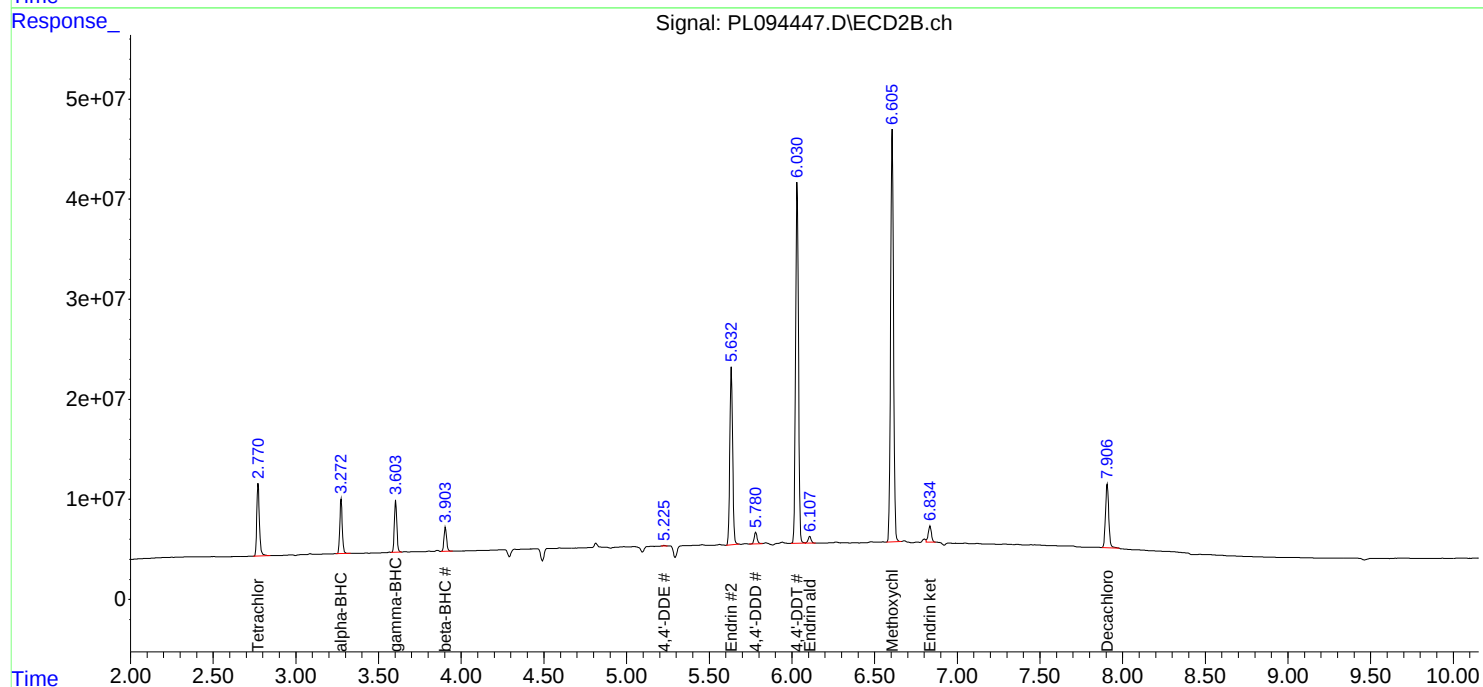
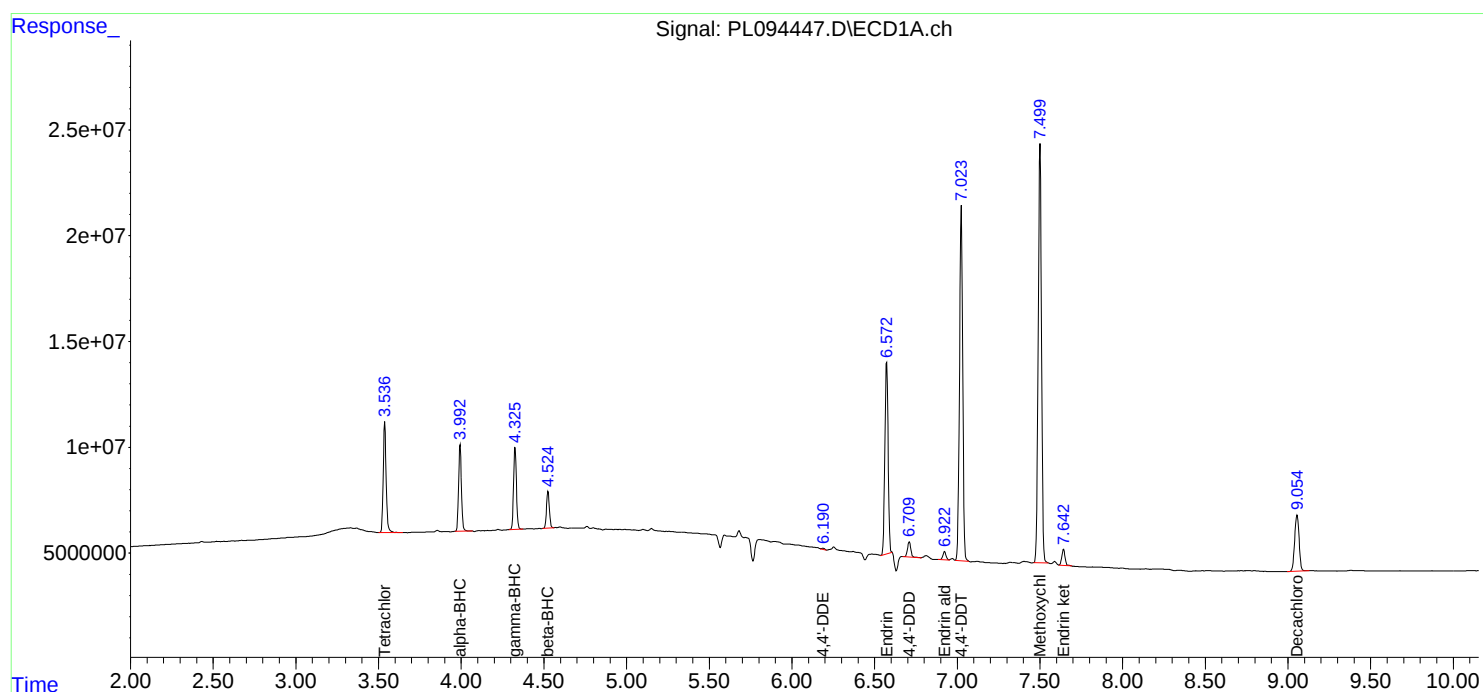
Instrument :
ECD_L
ClientSampleId :
PEM

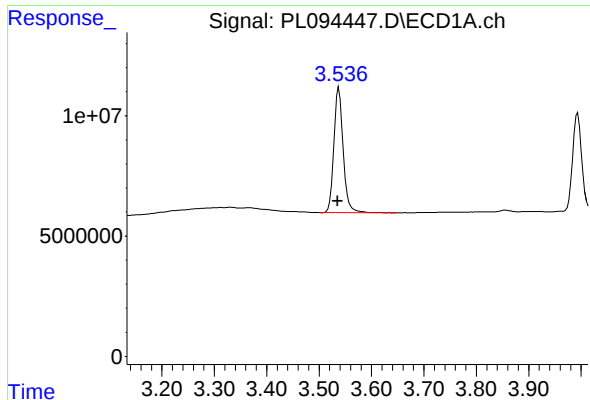
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
Response 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





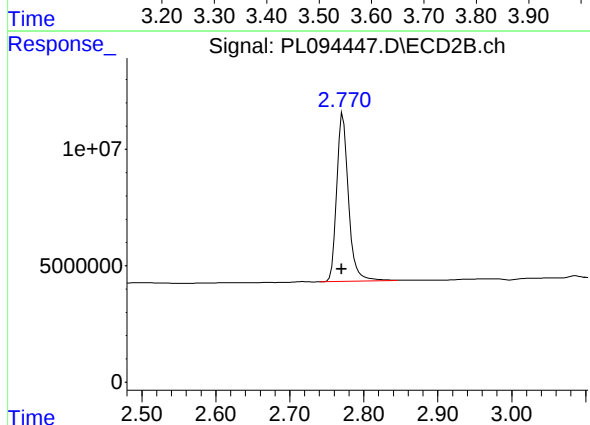
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 64281267
Conc: 25.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

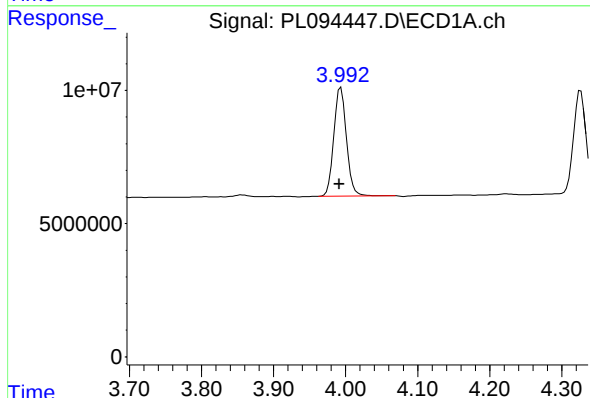
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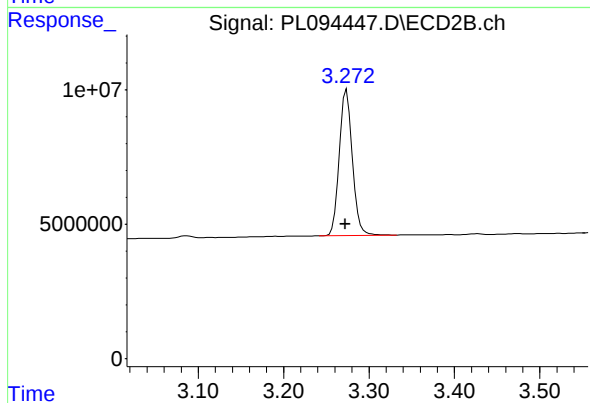
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 79749861
Conc: 24.99 ng/ml



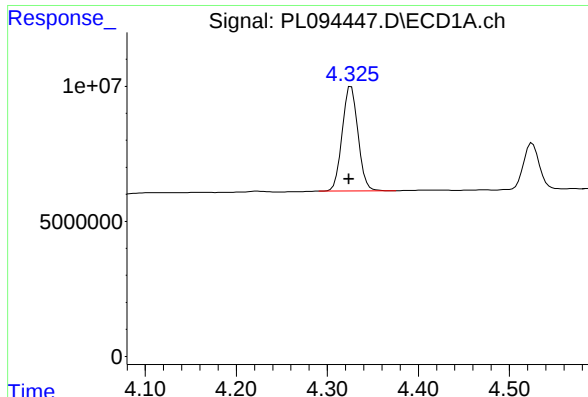
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 49250812
Conc: 13.02 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 57471008
Conc: 11.69 ng/ml



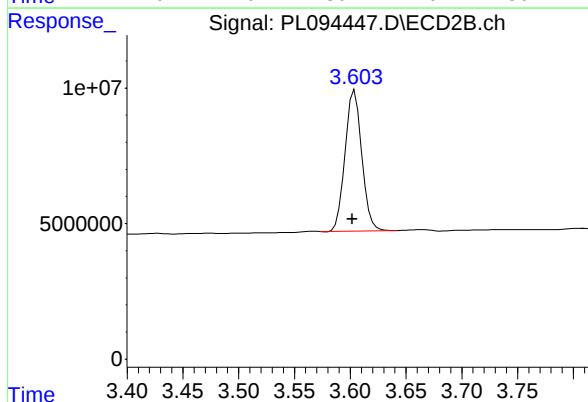
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 46767221
Conc: 12.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

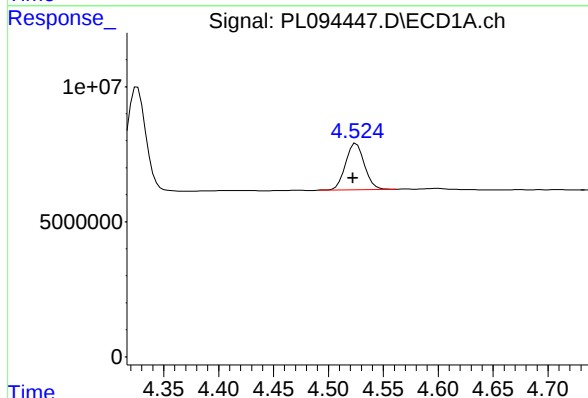
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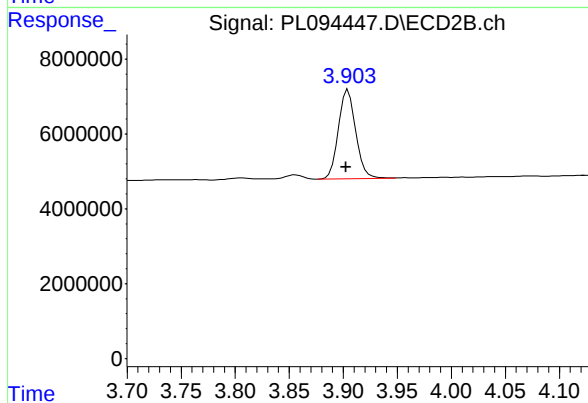
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 53978362
Conc: 11.46 ng/ml



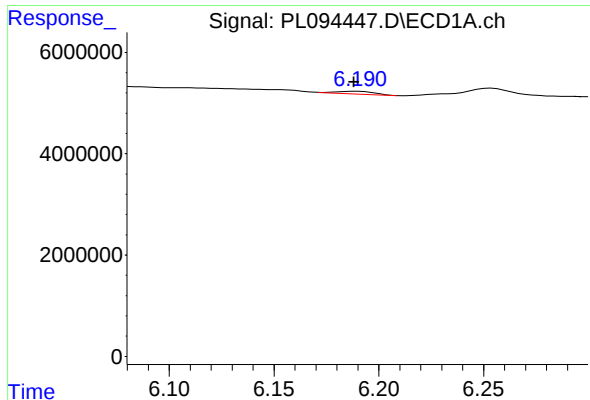
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 20626335
Conc: 12.92 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 26650991
Conc: 13.40 ng/ml



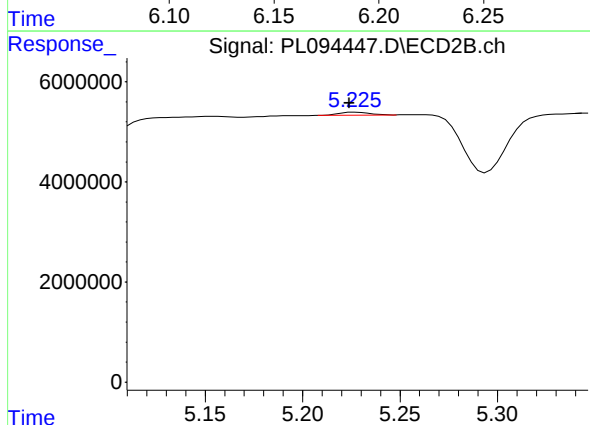
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 660844
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

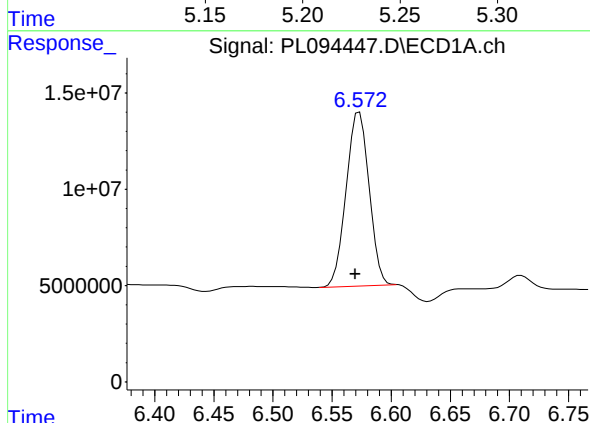
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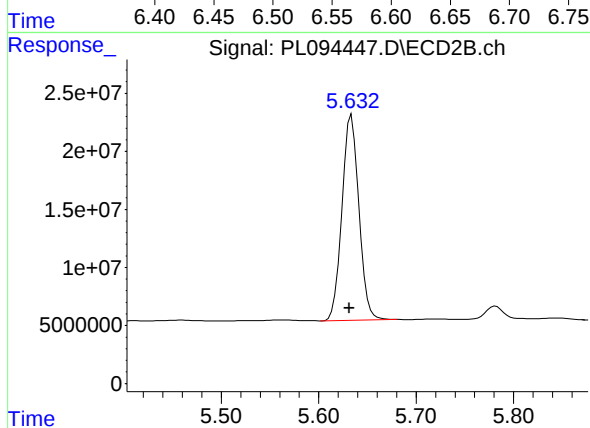
#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.001 min
Response: 712380
Conc: 0.17 ng/ml



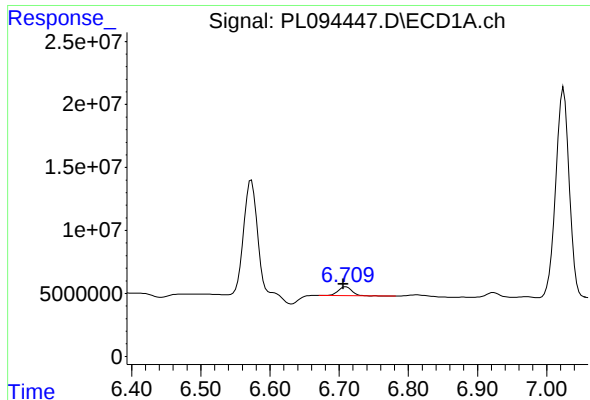
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 122313534
Conc: 47.92 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 213329888
Conc: 62.66 ng/ml



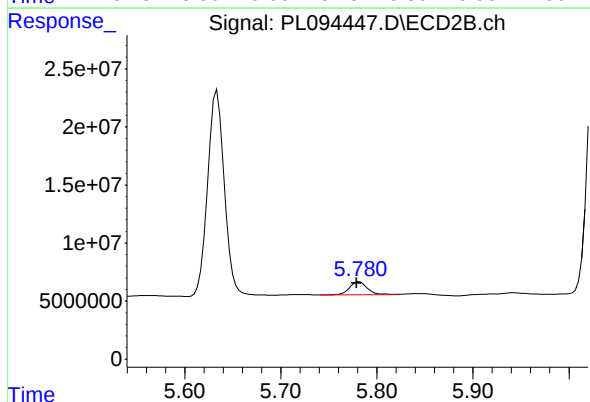
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 9991614
Conc: 5.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

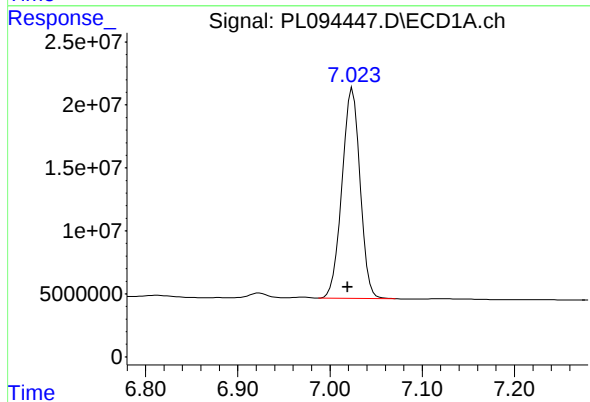
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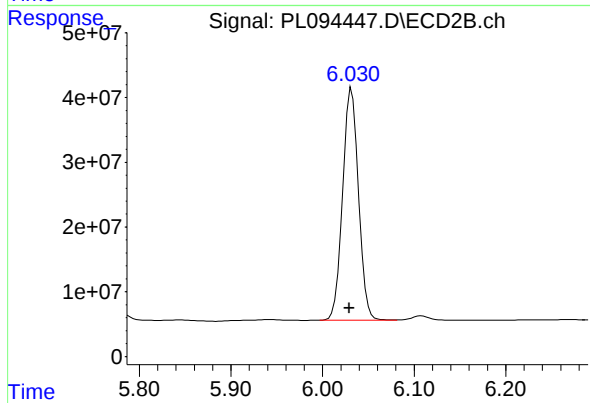
#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 13993049
Conc: 4.39 ng/ml



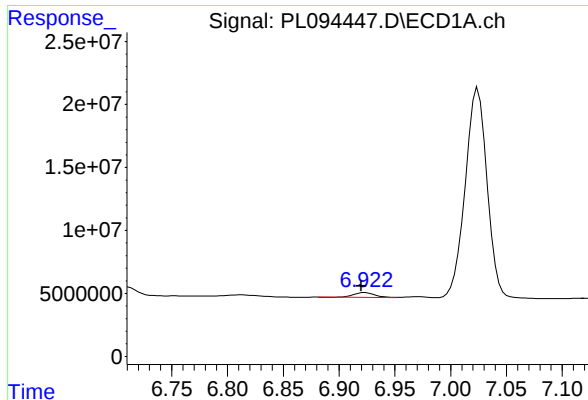
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 226833661
Conc: 108.01 ng/ml



#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 432965004
Conc: 121.72 ng/ml



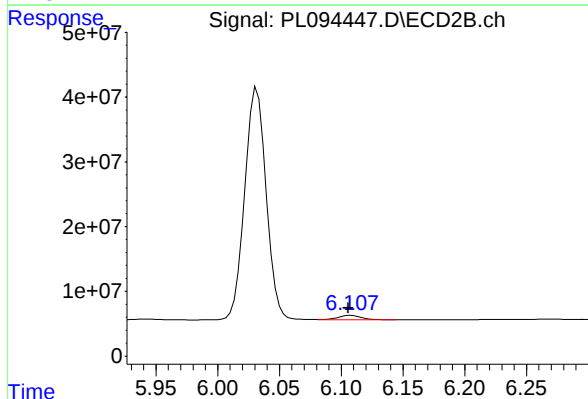
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 5049000
Conc: 2.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

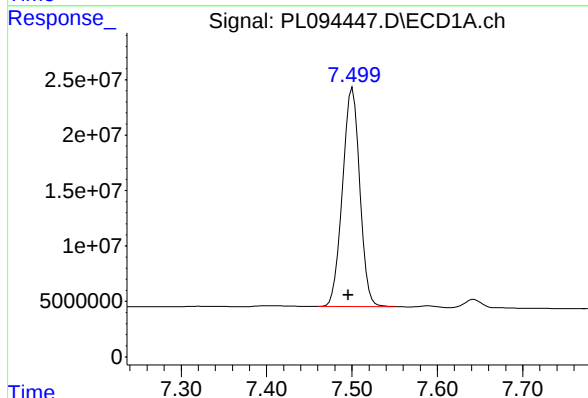
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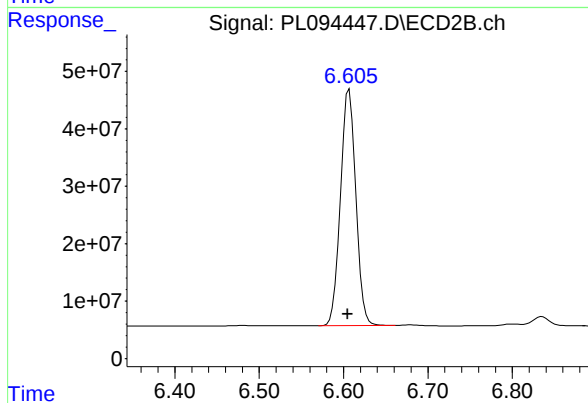
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 8760519
Conc: 2.77 ng/ml



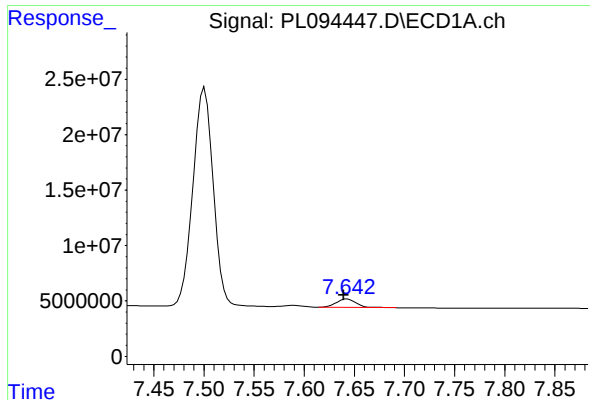
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.005 min
Response: 276706855
Conc: 249.05 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 520442194
Conc: 266.75 ng/ml



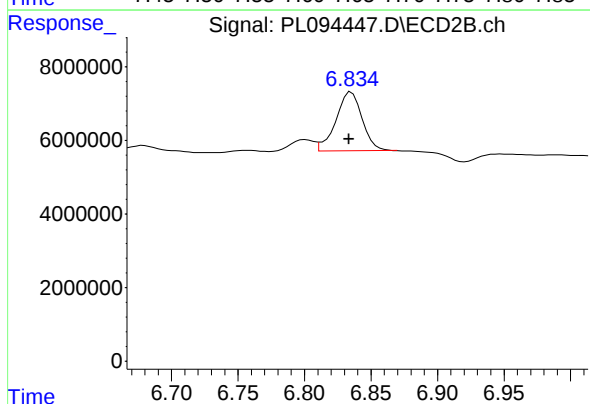
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.004 min
Response: 10289513
Conc: 4.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

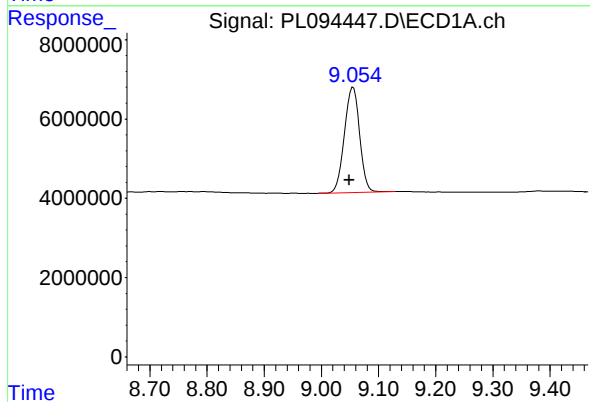
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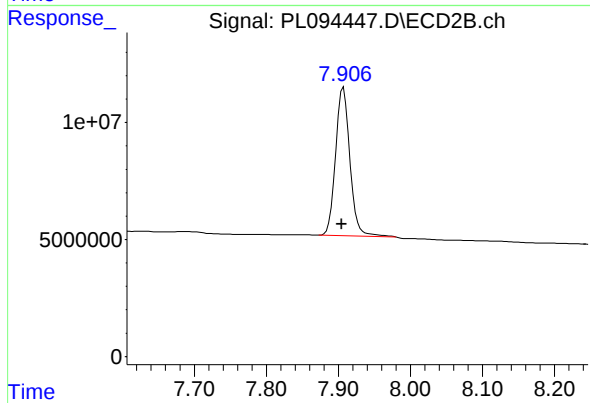
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 21695286
Conc: 5.08 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.007 min
Response: 49424479
Conc: 23.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 86930675
Conc: 22.60 ng/ml