

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
 Data File : PL094256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2025 11:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/20/2025
 Supervised By : Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 01:10:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.537	2.772	51607884	64020293	19.165	19.613
28)	SA Decachlor...	9.049	7.904	41276295	72473467	19.731	20.683
Target Compounds							
2)	A alpha-BHC	3.993	3.273	38890686	46113361	10.144	9.432
3)	MA gamma-BHC...	4.325	3.603	36529552	43443921	9.919	9.163
6)	B beta-BHC	4.523	3.904	16598250	20994292	10.327	10.511
12)	B 4,4'-DDE	6.189	5.228	505599	851552	0.208m	0.212
14)	MA Endrin	6.568	5.632	109.0E6	184.5E6	46.492m	49.956
16)	A 4,4'-DDD	6.706	5.782	1619078	3119383	0.852m	0.988
17)	MA 4,4'-DDT	7.020	6.029	183.5E6	373.0E6	93.060	114.625m
18)	B Endrin al...	6.920	6.106	2730868	6550770	1.405	2.152 #
20)	A Methoxychlor	7.497	6.605	220.0E6	444.0E6	210.883	248.301
21)	B Endrin ke...	7.639	6.834	4728201	8405201	1.874	2.004

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 11:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

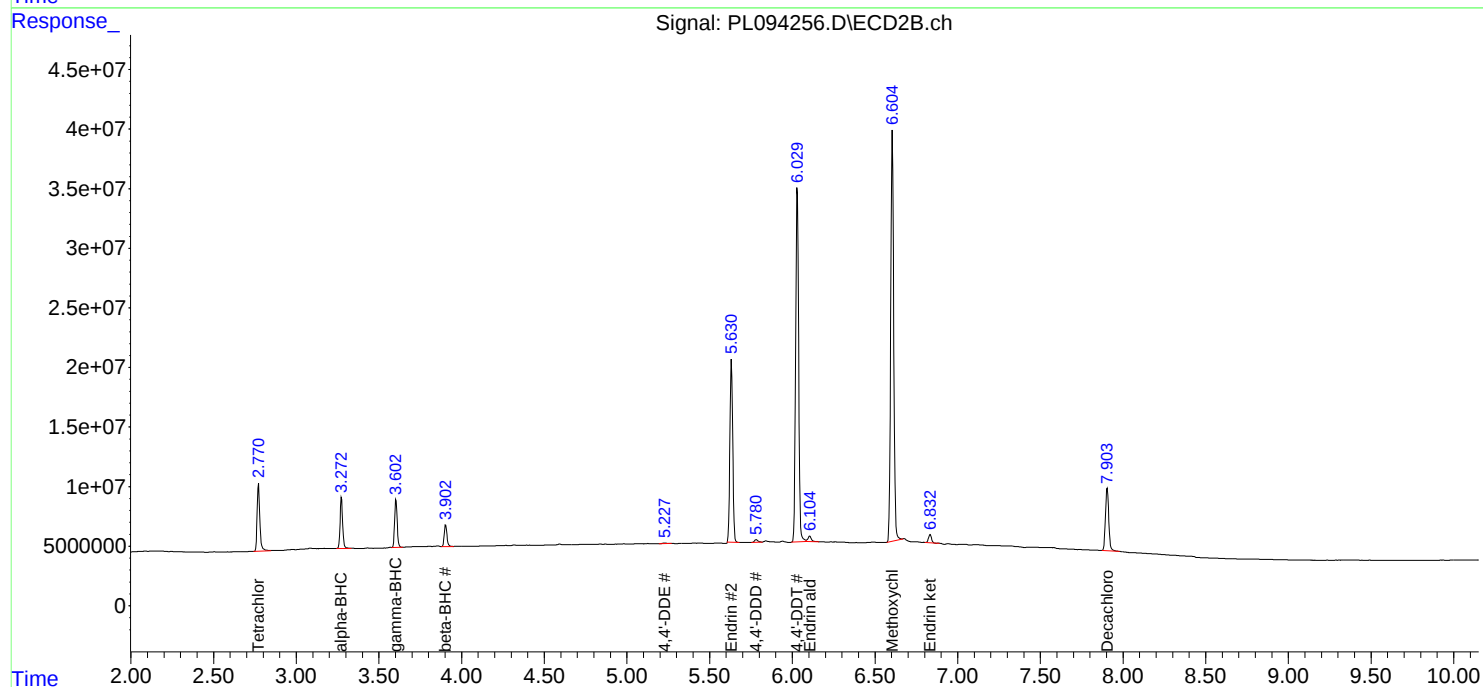
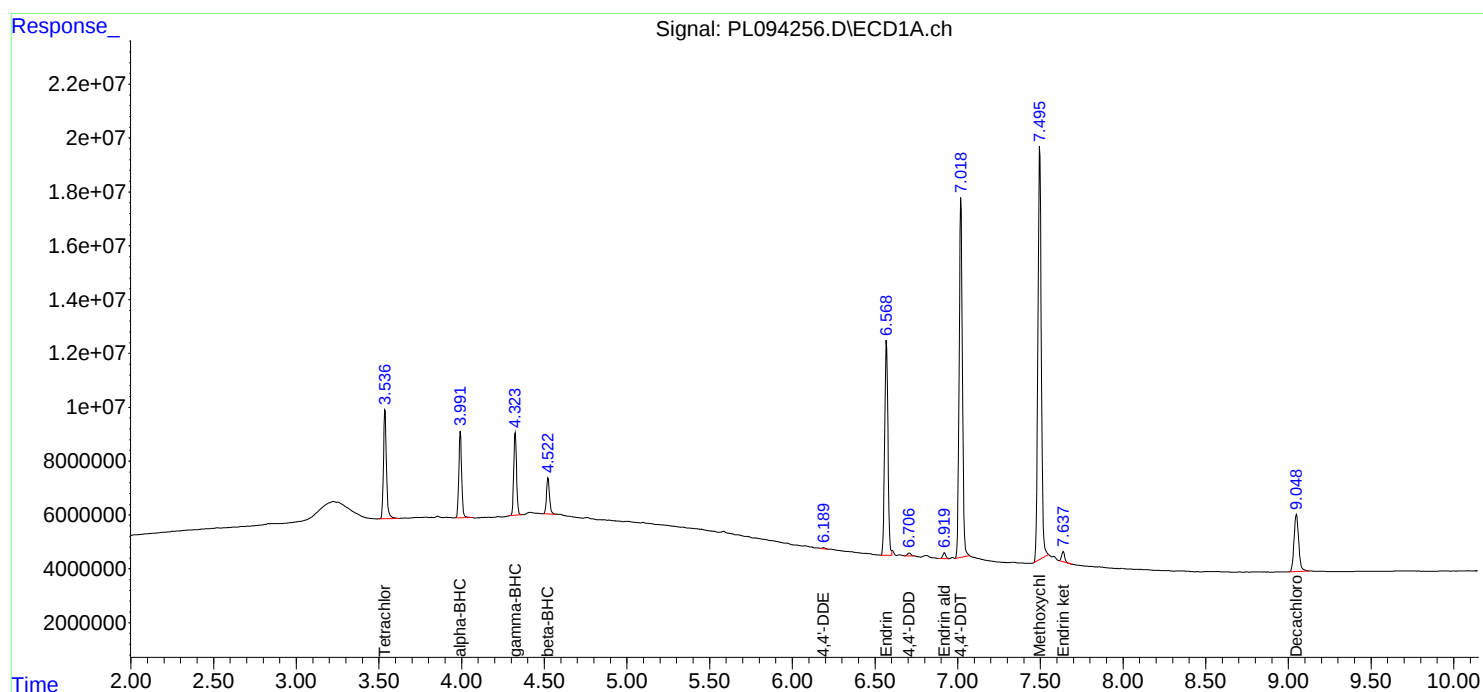
Instrument :
ECD_L
ClientSampleId :
PEM

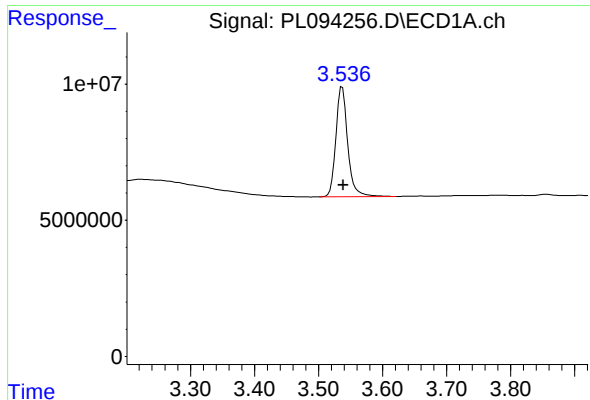
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:10:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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





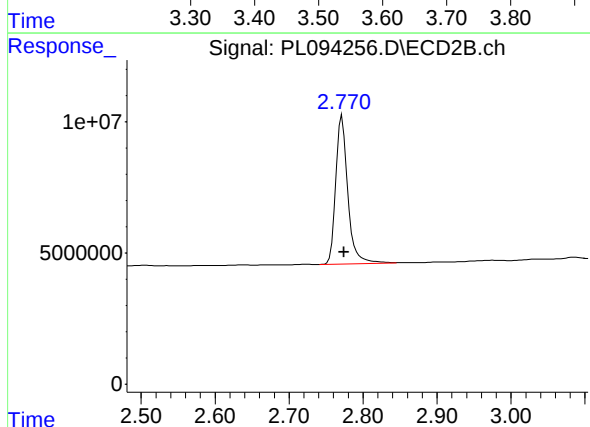
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 51607884
Conc: 19.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

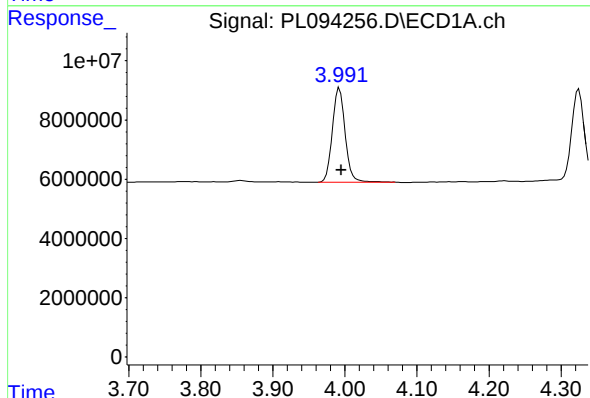
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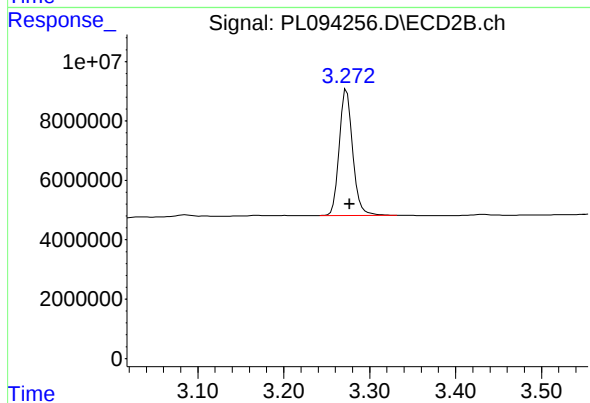
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.003 min
Response: 64020293
Conc: 19.61 ng/ml



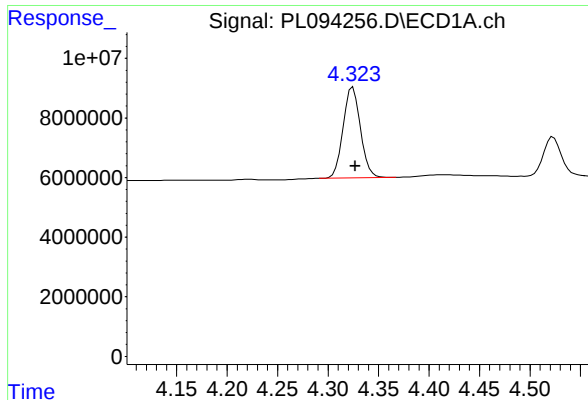
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 38890686
Conc: 10.14 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.004 min
Response: 46113361
Conc: 9.43 ng/ml



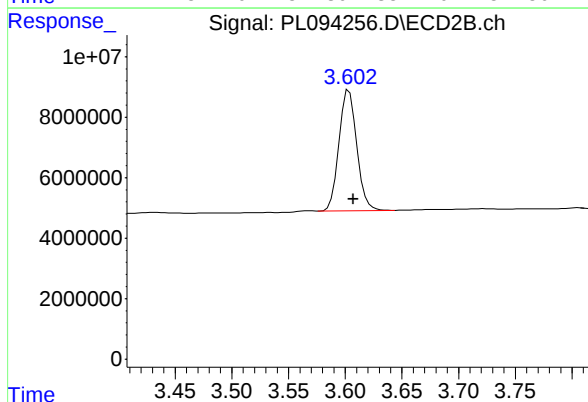
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 36529552
Conc: 9.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

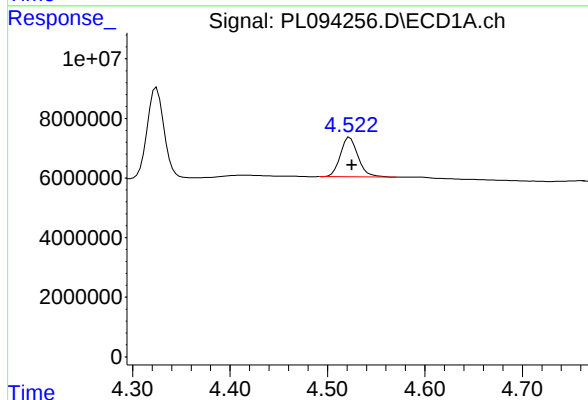
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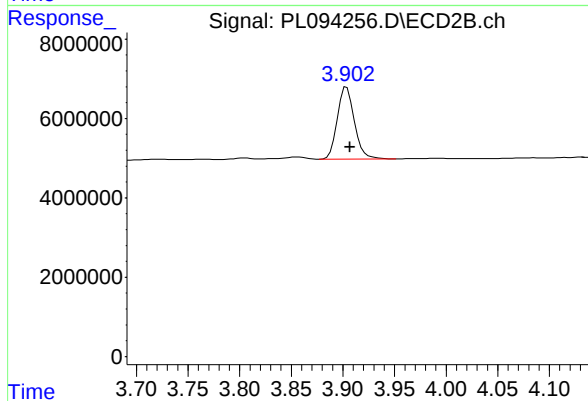
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.004 min
Response: 43443921
Conc: 9.16 ng/ml



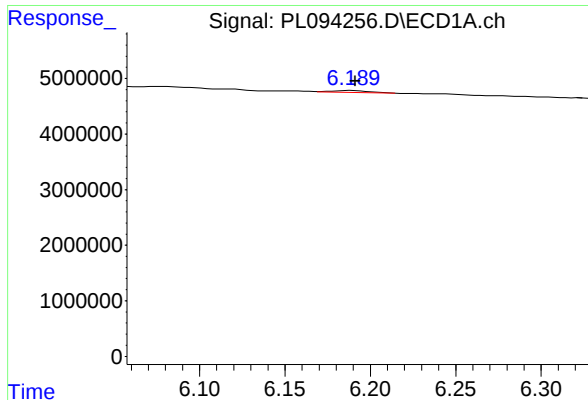
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 16598250
Conc: 10.33 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 20994292
Conc: 10.51 ng/ml



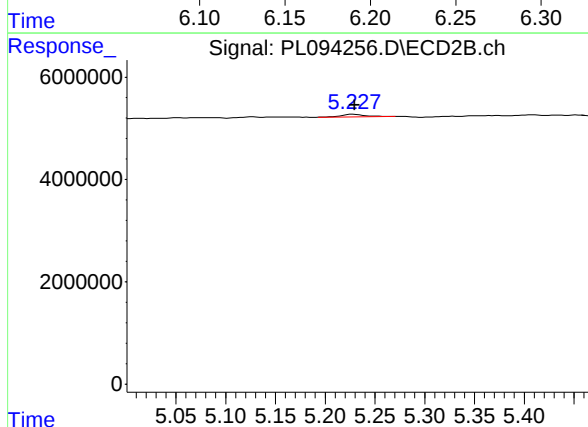
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 505599
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

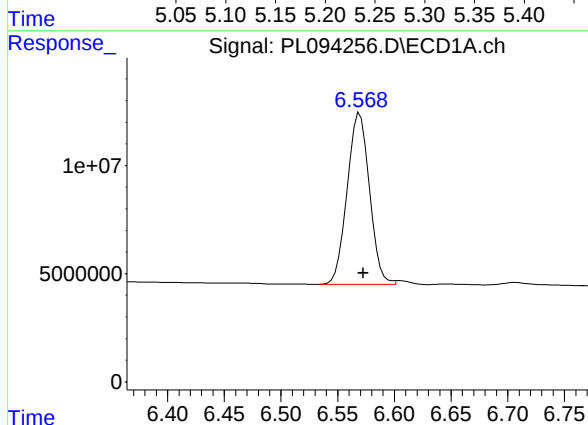
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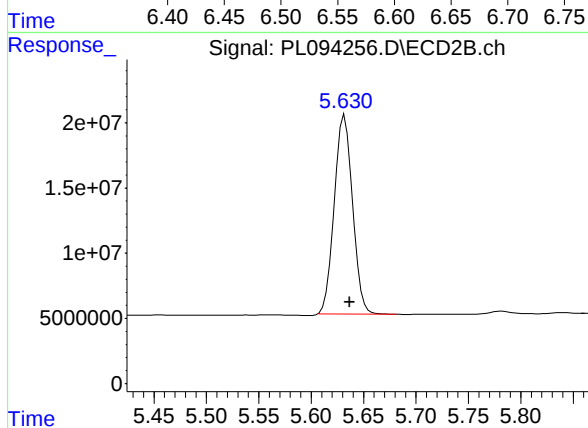
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 851552
Conc: 0.21 ng/ml



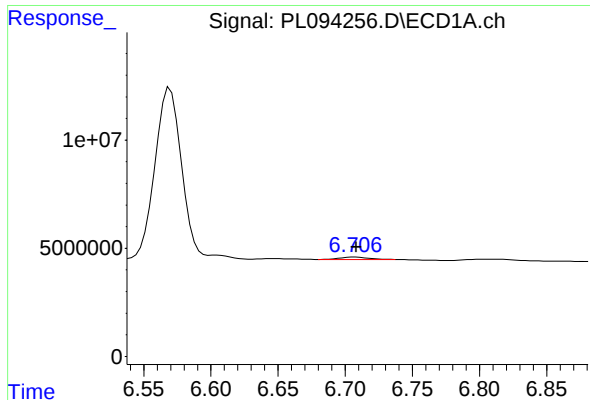
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.004 min
Response: 109016291
Conc: 46.49 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.005 min
Response: 184472358
Conc: 49.96 ng/ml



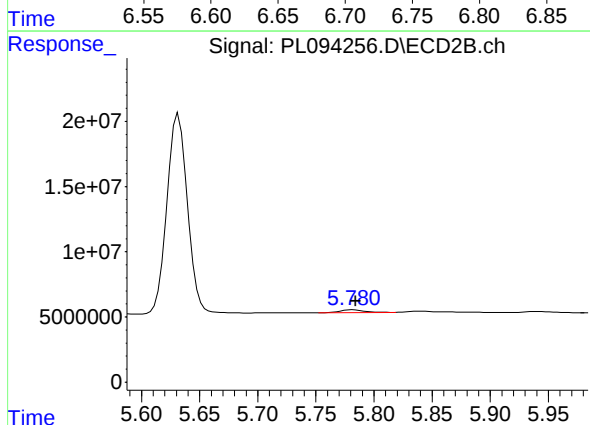
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 1619078
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

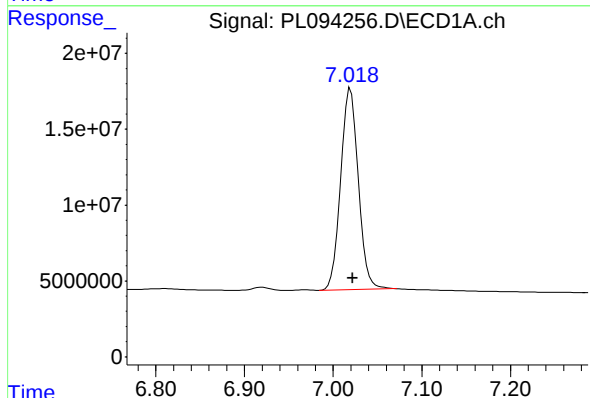
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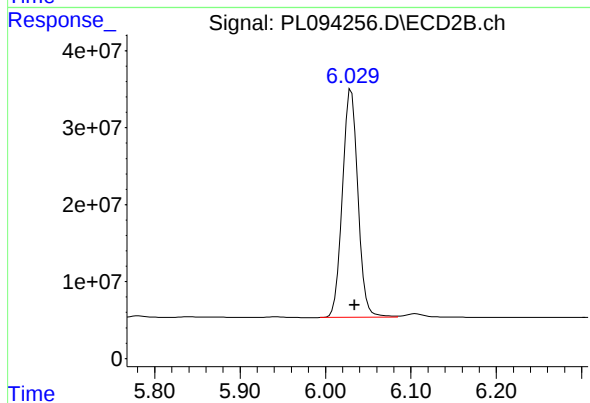
#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 3119383
Conc: 0.99 ng/ml



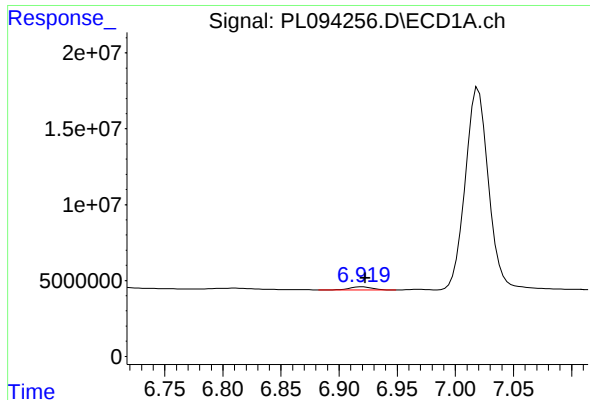
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 183519966
Conc: 93.06 ng/ml



#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 372996544
Conc: 114.63 ng/ml m



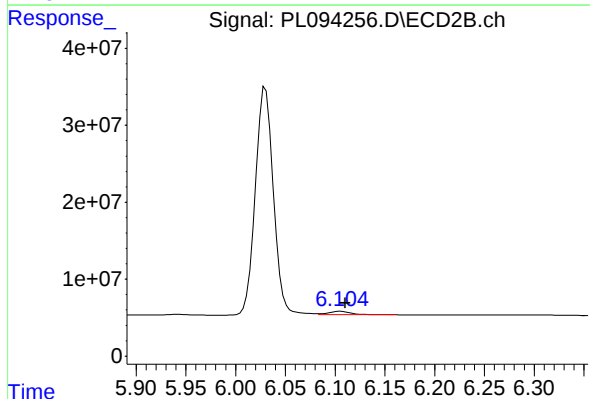
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 2730868
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

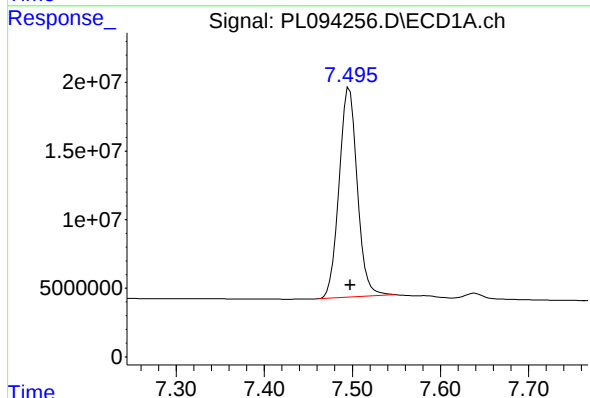
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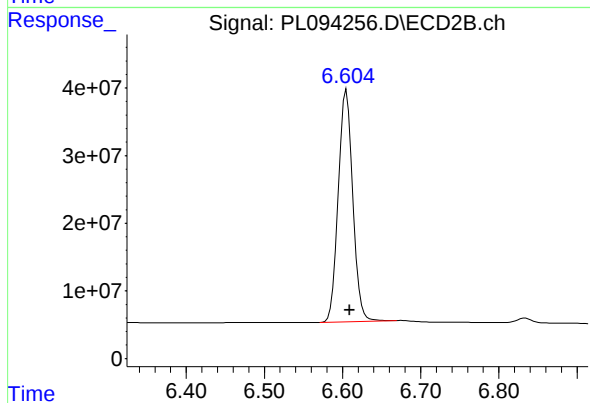
#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.005 min
Response: 6550770
Conc: 2.15 ng/ml



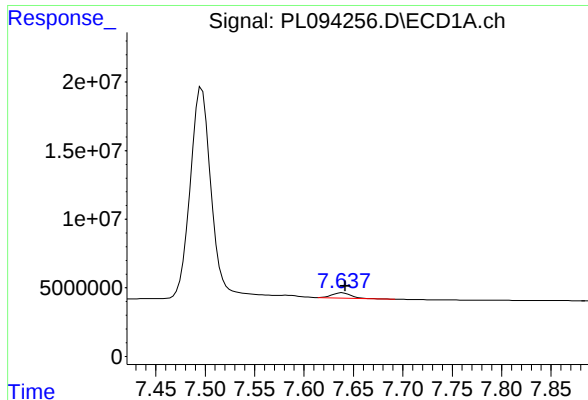
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 220034925
Conc: 210.88 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 443996355
Conc: 248.30 ng/ml



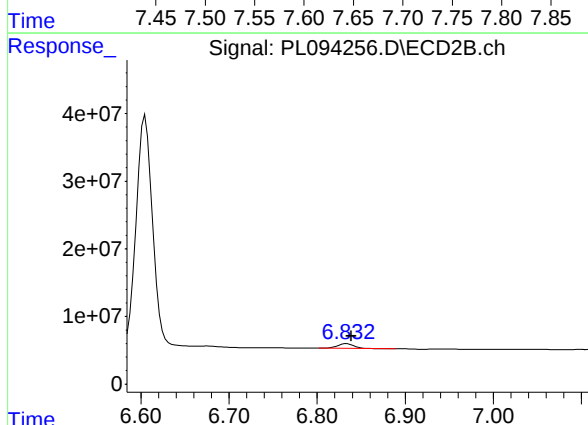
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 4728201
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

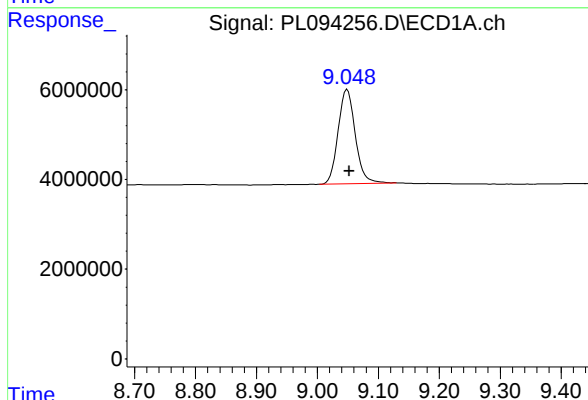
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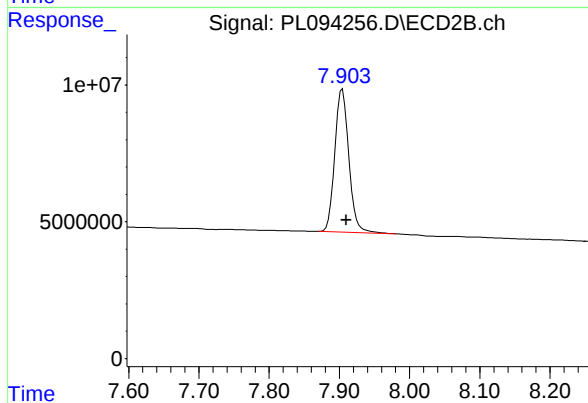
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 8405201
Conc: 2.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.004 min
Response: 41276295
Conc: 19.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.005 min
Response: 72473467
Conc: 20.68 ng/ml