

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
 Data File : PL093875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2025 09:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/31/2025
 Supervised By : Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 16:49:26 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...	3.539	2.774	58234433	66617739	21.626	20.409
28) SA Decachlor...	9.056	7.910	48290710	77833771	23.084	22.212
Target Compounds						
2) A alpha-BHC	3.995	3.276	42788345	47848913	11.161	9.787
3) MA gamma-BHC...	4.327	3.606	40826202	45132351	11.085	9.519
6) B beta-BHC	4.525	3.907	18699204	22111250	11.634	11.070
12) B 4,4'-DDE	6.192	5.229	400969	445694	0.165m	0.111m#
14) MA Endrin	6.575	5.637	117.4E6	188.0E6	50.073	50.917
16) A 4,4'-DDD	6.709	5.785	5001271	7342284	2.631m	2.326
17) MA 4,4'-DDT	7.025	6.035	207.6E6	387.3E6	105.296	119.016
18) B Endrin al...	6.925	6.110	3659175	6650657	1.882	2.184
20) A Methoxychlor	7.501	6.610	257.7E6	460.9E6	246.964	257.769
21) B Endrin ke...	7.643	6.837	8002066	12362592	3.172	2.947m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 09:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

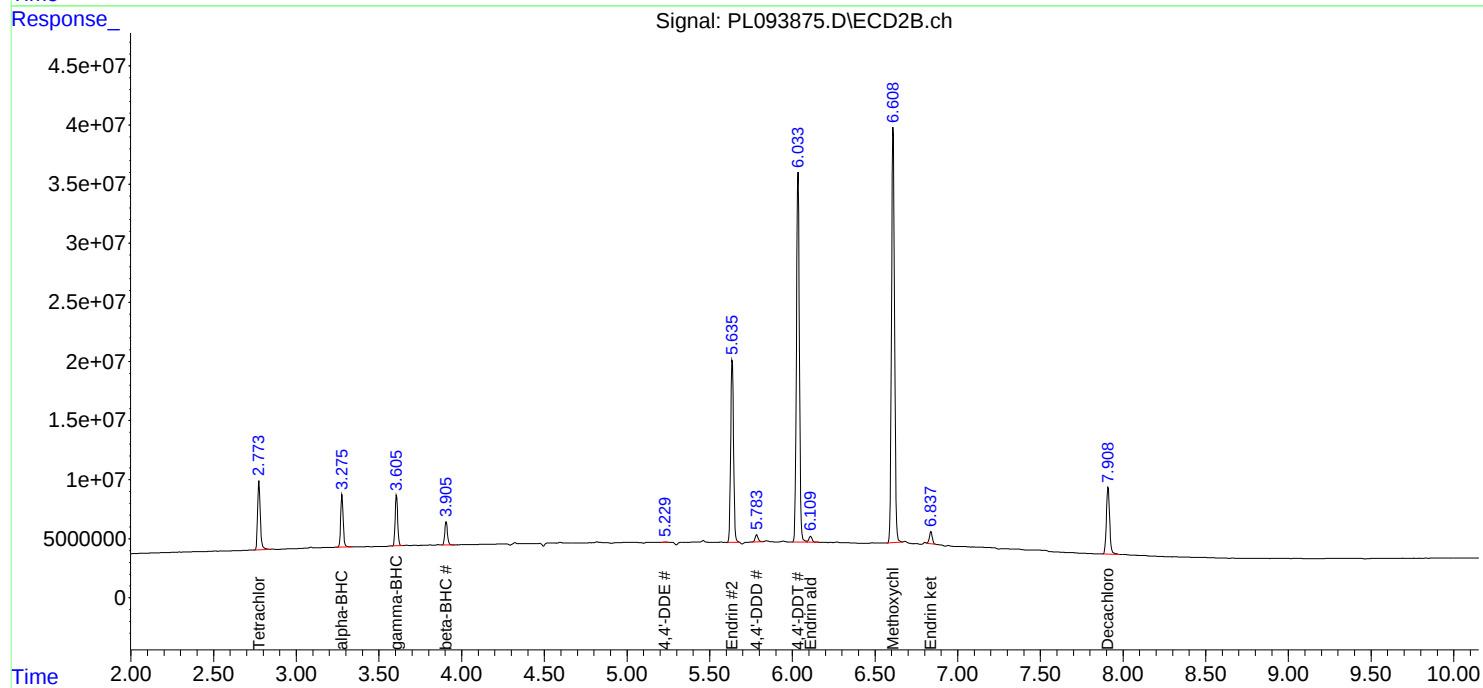
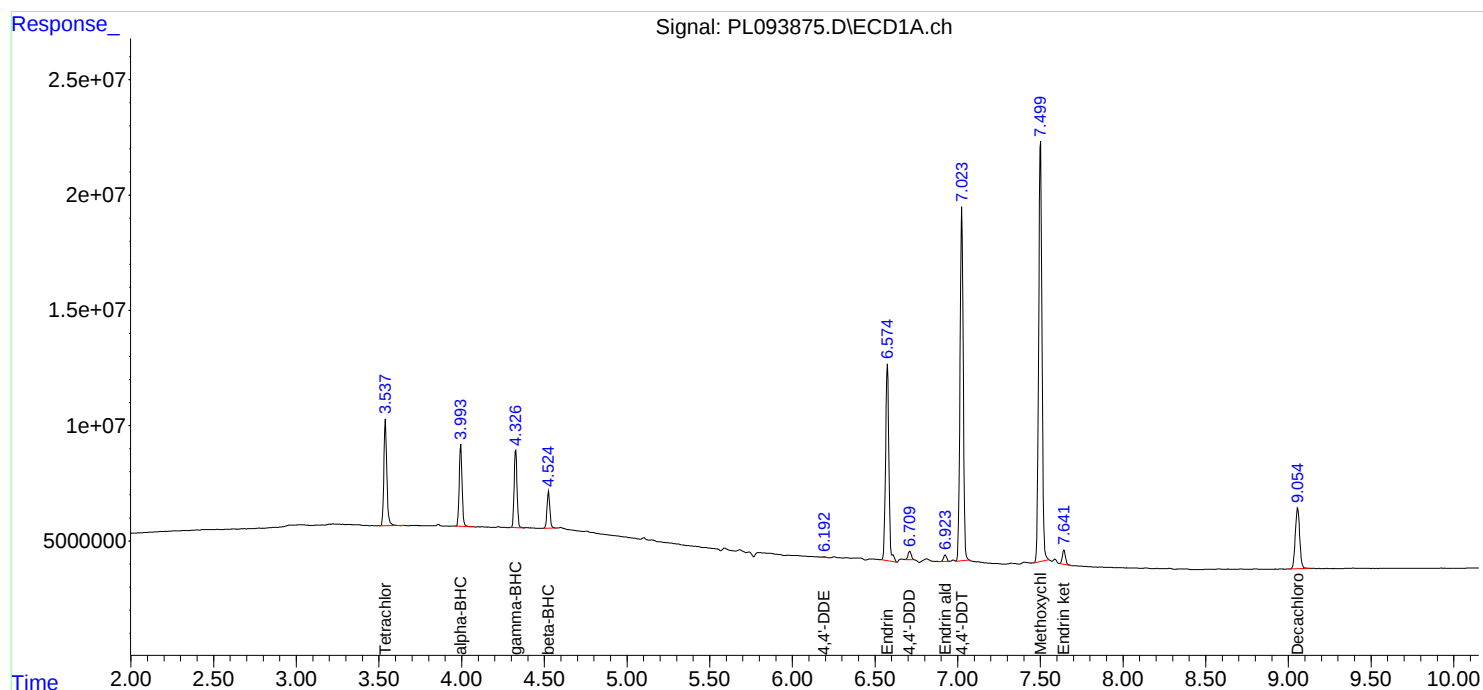
Instrument :
ECD_L
ClientSampleId :
PEM

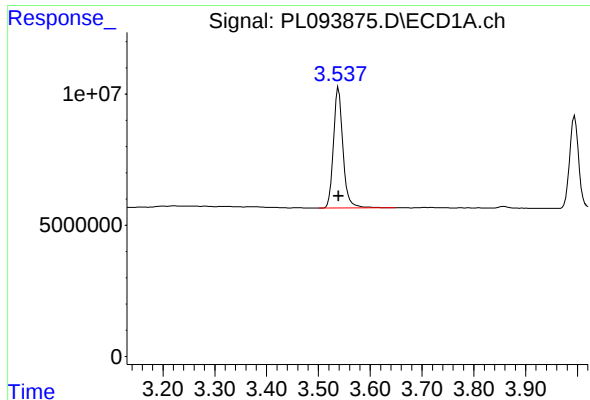
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 16:49:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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





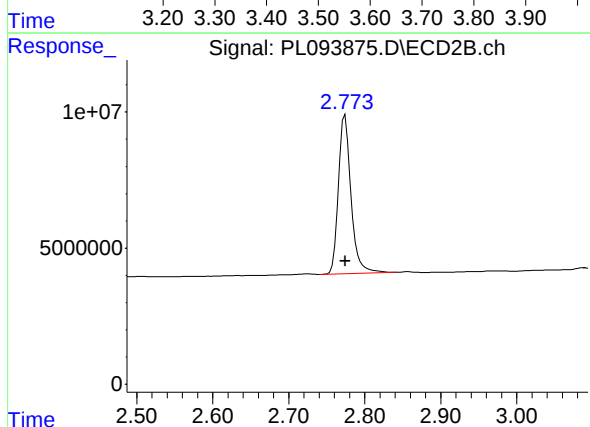
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 58234433
Conc: 21.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

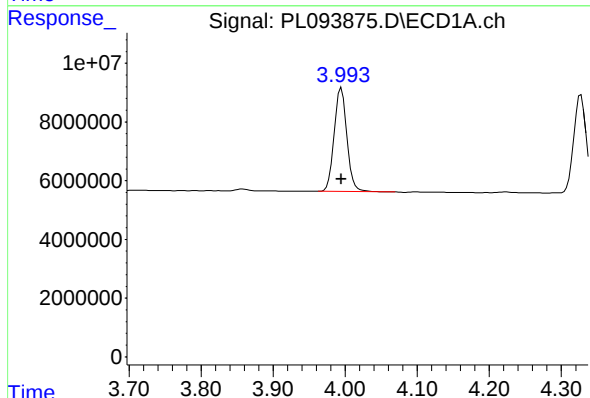
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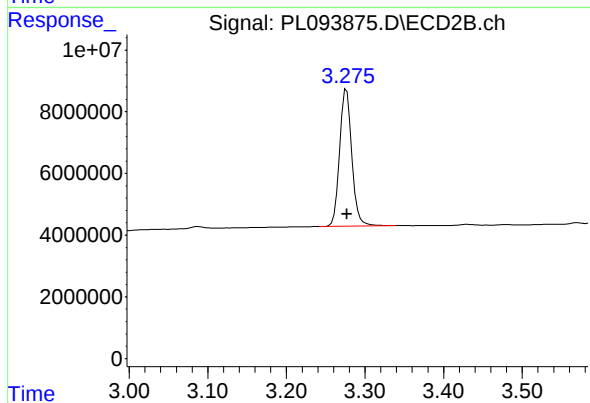
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 66617739
Conc: 20.41 ng/ml



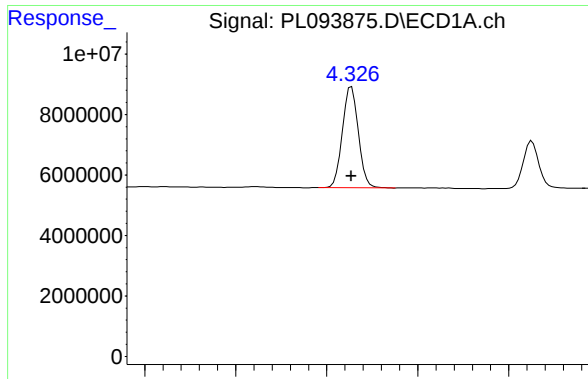
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 42788345
Conc: 11.16 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 47848913
Conc: 9.79 ng/ml



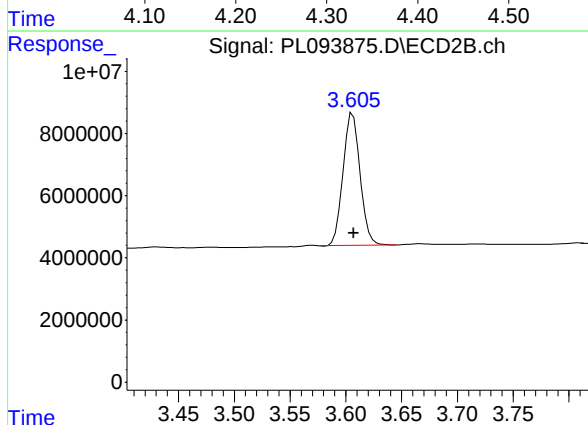
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 40826202
Conc: 11.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

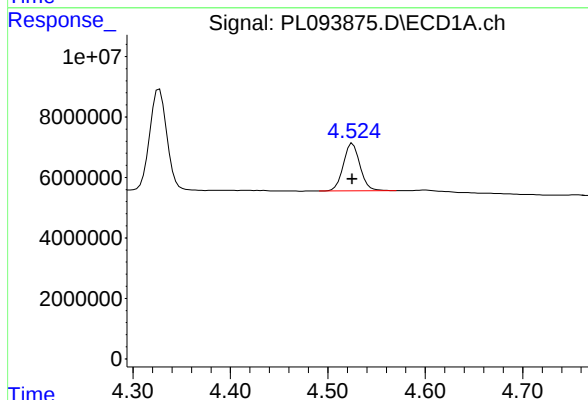
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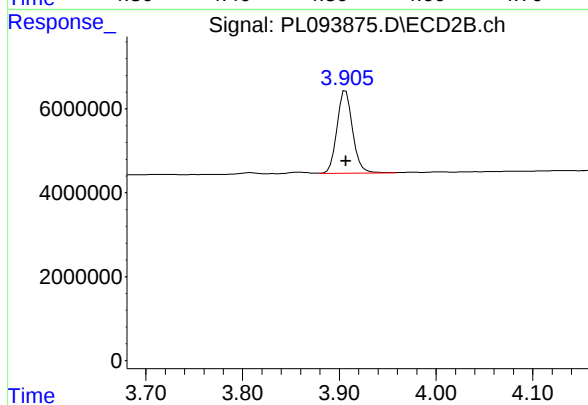
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 45132351
Conc: 9.52 ng/ml



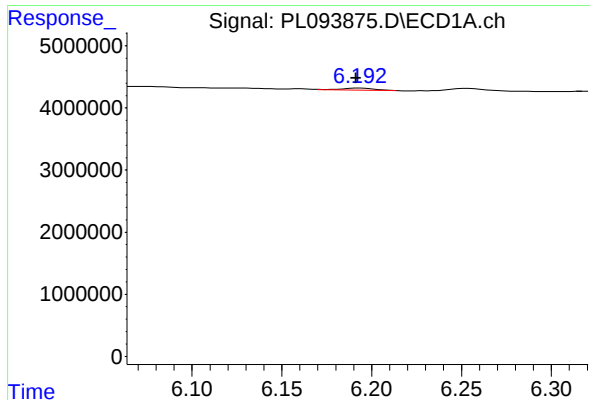
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 18699204
Conc: 11.63 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 22111250
Conc: 11.07 ng/ml



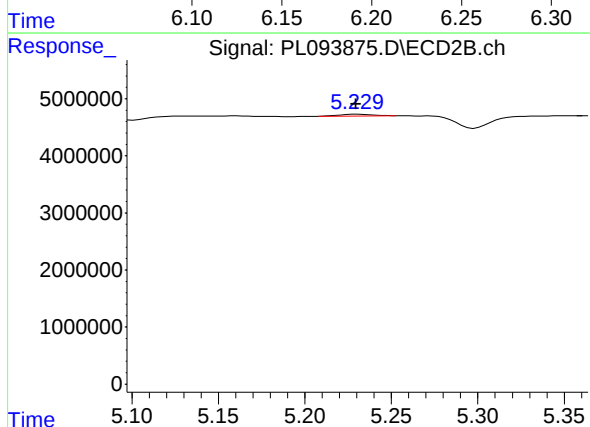
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 400969
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

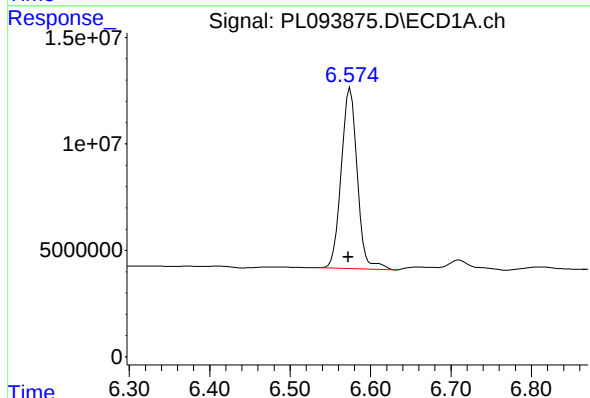
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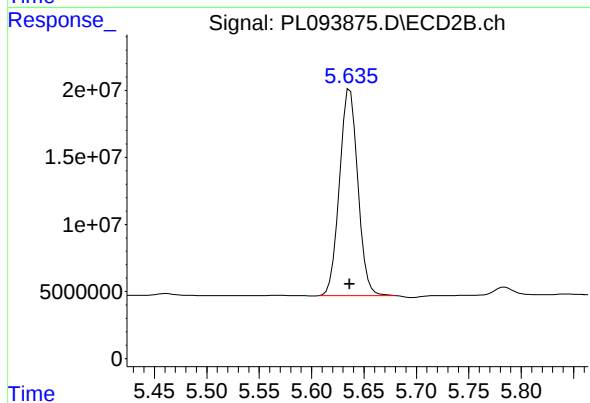
#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: -0.001 min
Response: 445694
Conc: 0.11 ng/ml



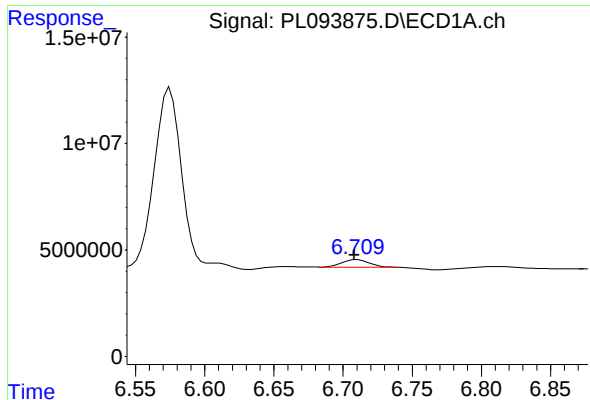
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.002 min
Response: 117413171
Conc: 50.07 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 188020317
Conc: 50.92 ng/ml



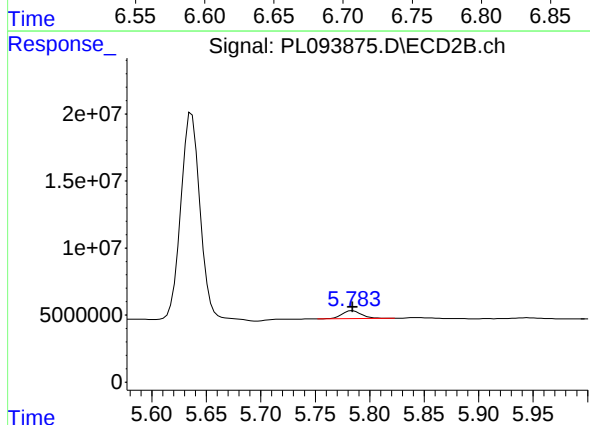
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 5001271
Conc: 2.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

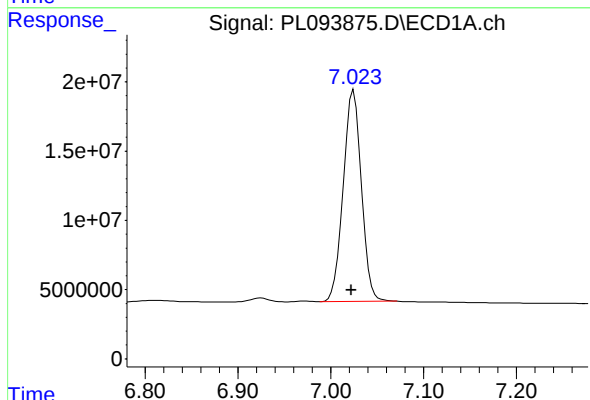
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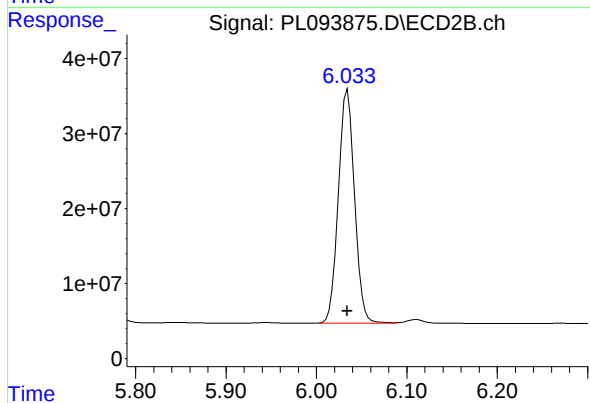
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 7342284
Conc: 2.33 ng/ml



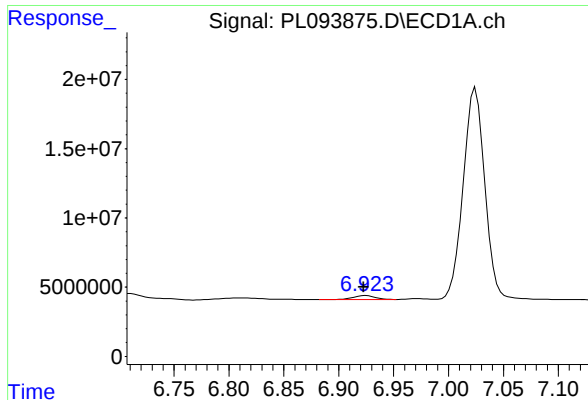
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 207648822
Conc: 105.30 ng/ml



#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 387281860
Conc: 119.02 ng/ml



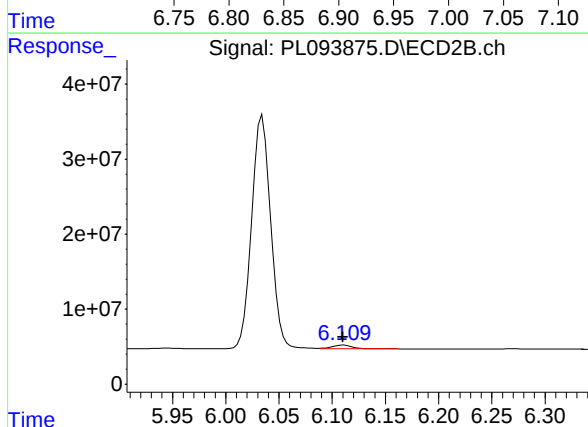
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 3659175
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

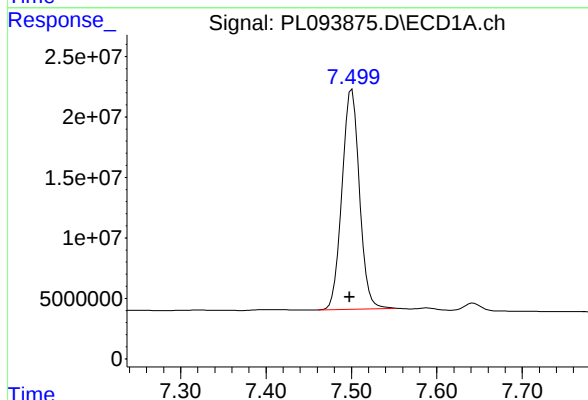
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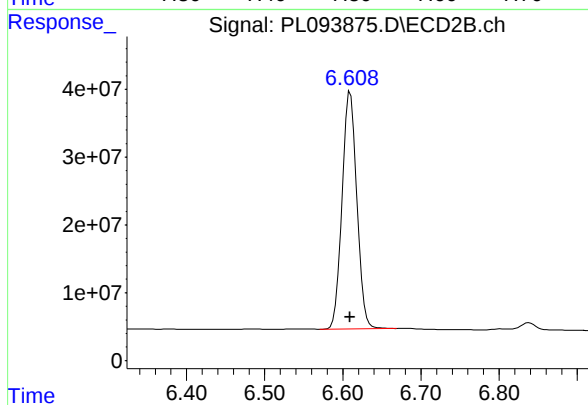
#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 6650657
Conc: 2.18 ng/ml



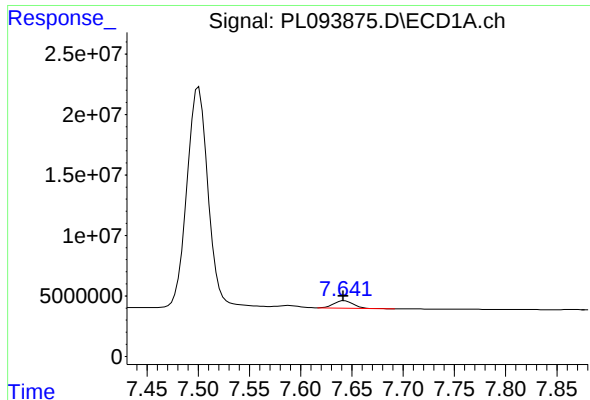
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 257681139
Conc: 246.96 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 460926471
Conc: 257.77 ng/ml



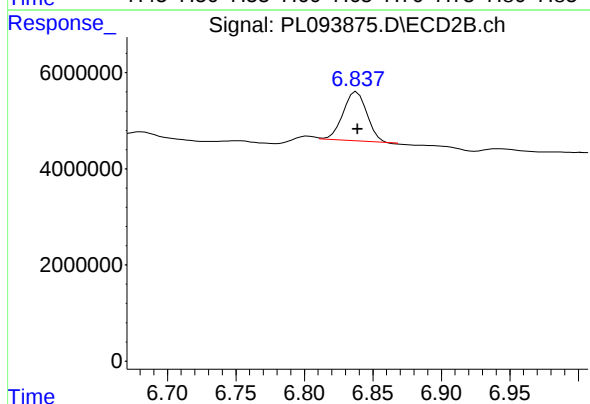
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 8002066
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

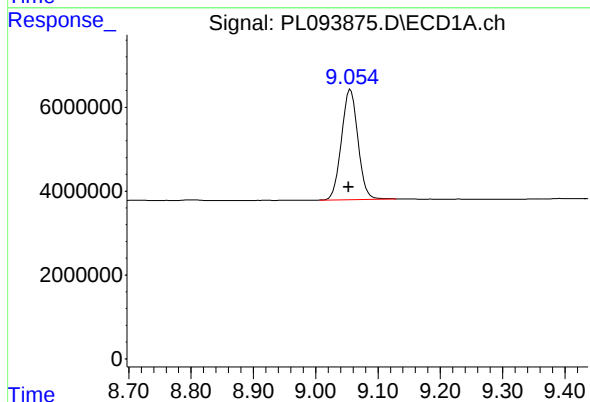
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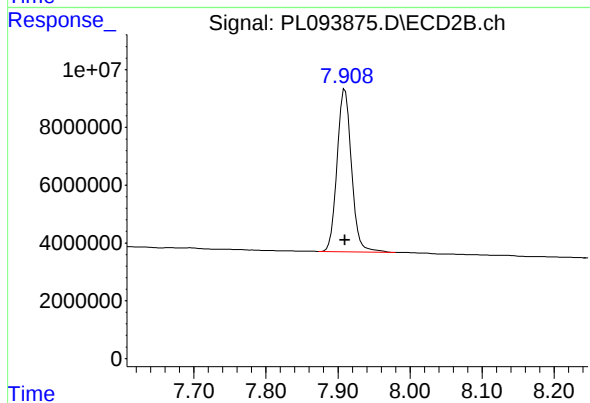
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 12362592
Conc: 2.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 48290710
Conc: 23.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 77833771
Conc: 22.21 ng/ml