

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102324\
 Data File : PL092552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2024 08:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/24/2024
 Supervised By : Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 01:18:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 21 17:09:23 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...	3.541	2.780	49953448	53834697	18.544	19.383
28) SA Decachlor...	9.057	7.918	37210194	53346250	18.320	20.245
Target Compounds						
2) A alpha-BHC	3.997	3.282	35459662	37846335	8.604	8.771
3) MA gamma-BHC...	4.330	3.612	33536502	35188261	8.718	8.545
6) B beta-BHC	4.527	3.911	15778499	17739744	10.164	10.160
12) B 4,4'-DDE	6.192	5.236	298824	492263	0.101m	0.142m#
14) MA Endrin	6.575	5.643	98451087	139.3E6	34.865m	42.523
16) A 4,4'-DDD	6.711	5.790	2150516	2673174	0.890m	0.962m
17) MA 4,4'-DDT	7.026	6.041	181.7E6	277.0E6	73.664	94.329 #
18) B Endrin al...	6.924	6.117	2589908	3665554	1.212m	1.492
20) A Methoxychlor	7.502	6.616	229.1E6	322.9E6	194.555	227.713
21) B Endrin ke...	7.645	6.844	5161185	6186719	1.877	1.926

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

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Data File : PL092552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2024 08:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

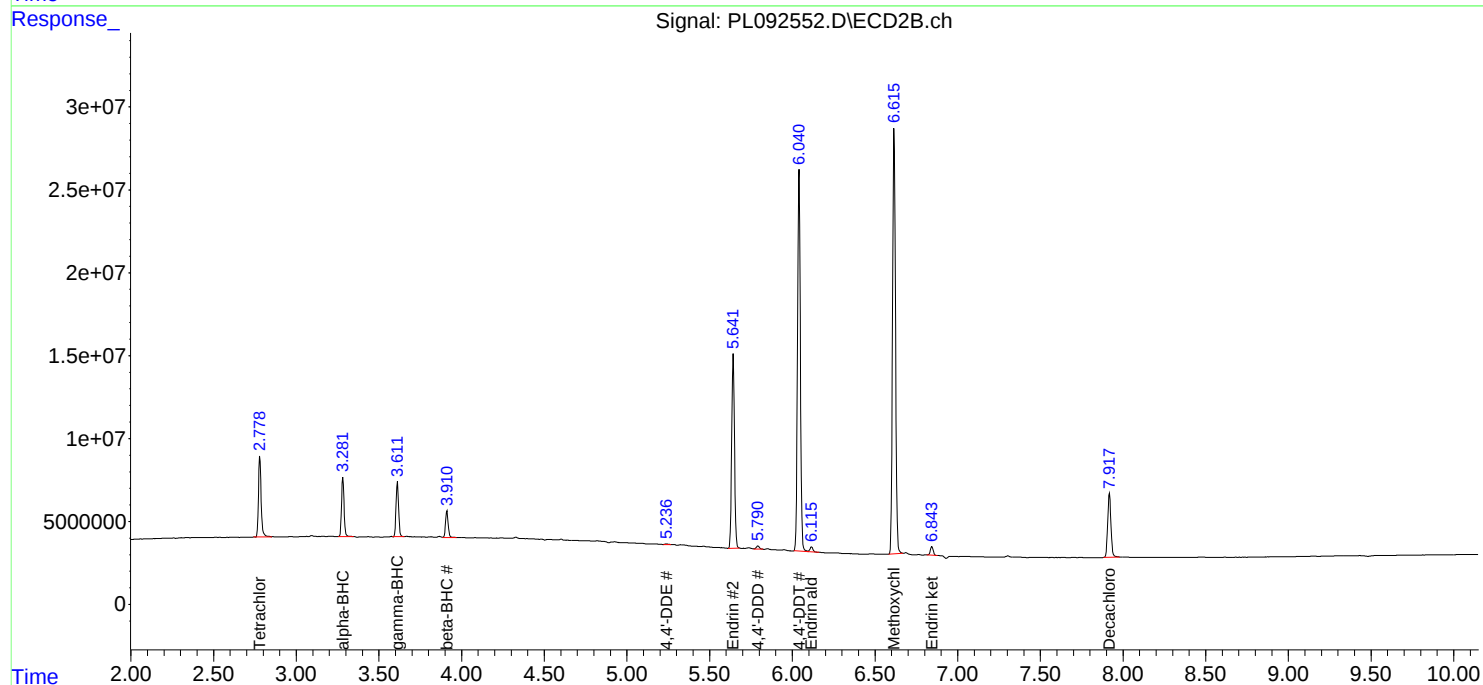
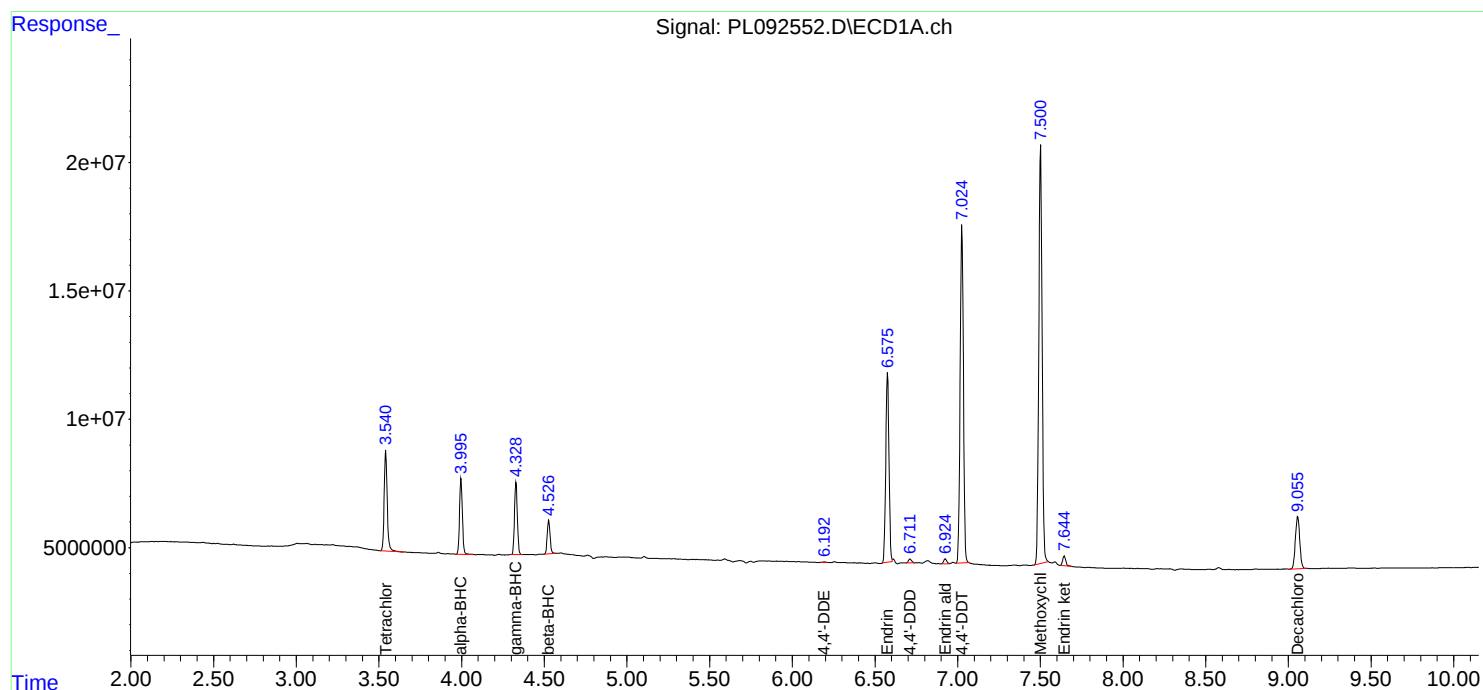
Instrument :
ECD_L
ClientSampleId :
PEM

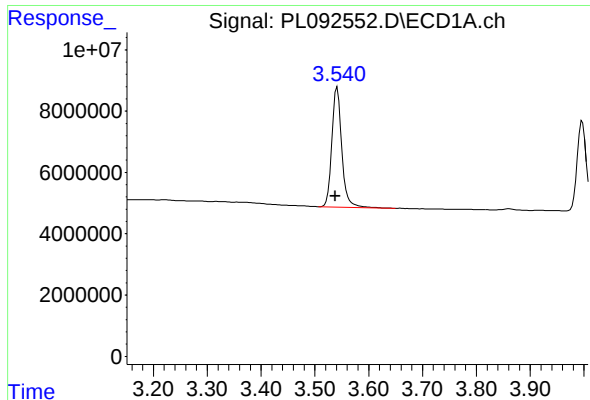
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 01:18:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response 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





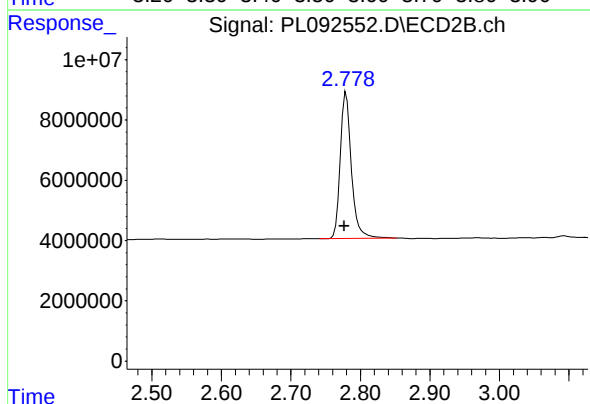
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 49953448
Conc: 18.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

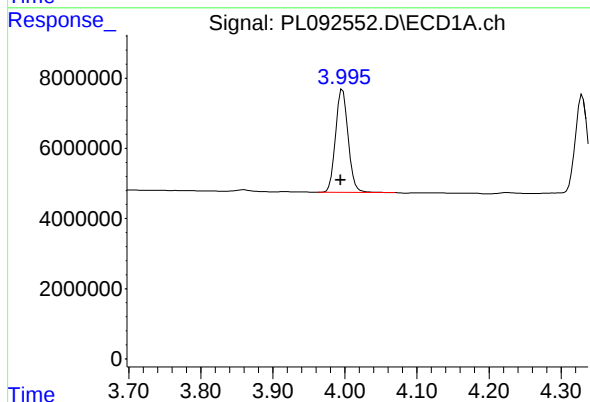
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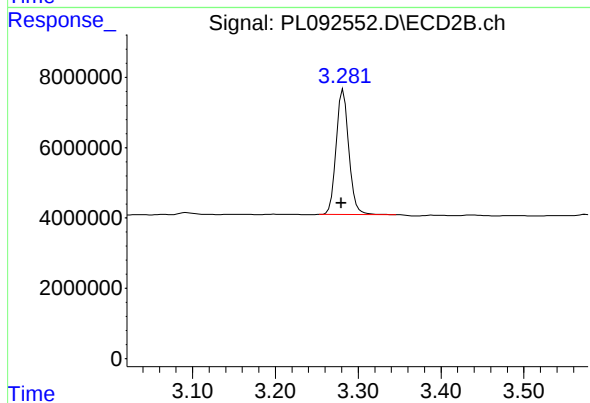
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: 0.003 min
Response: 53834697
Conc: 19.38 ng/ml



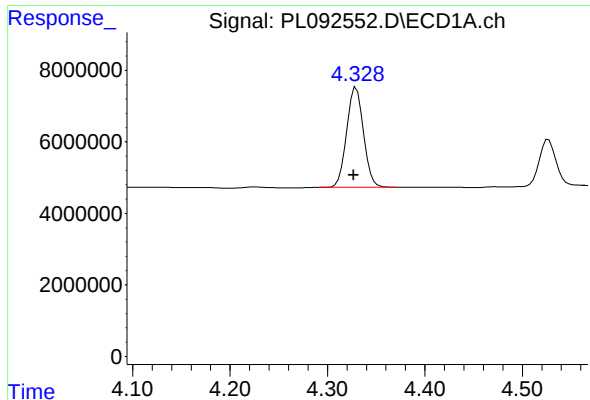
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 35459662
Conc: 8.60 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: 0.002 min
Response: 37846335
Conc: 8.77 ng/ml



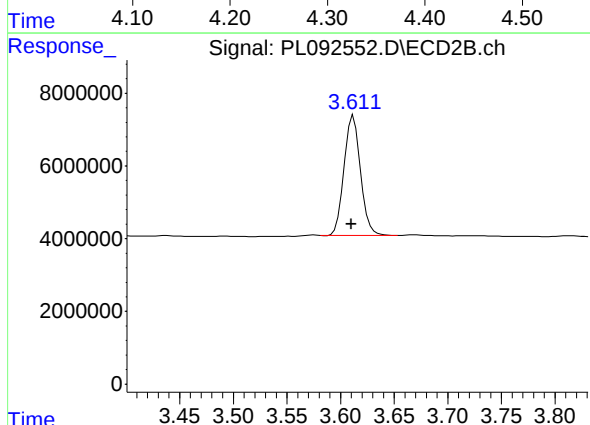
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 33536502
Conc: 8.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

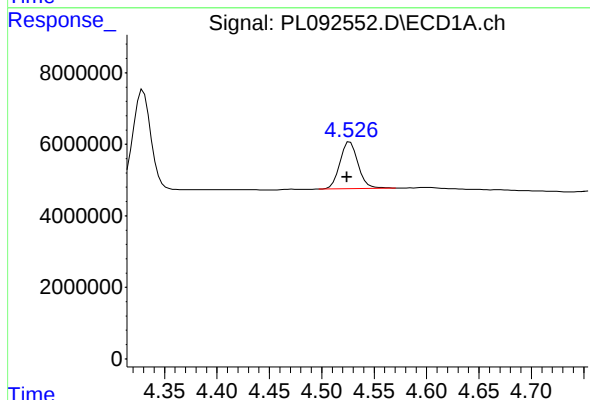
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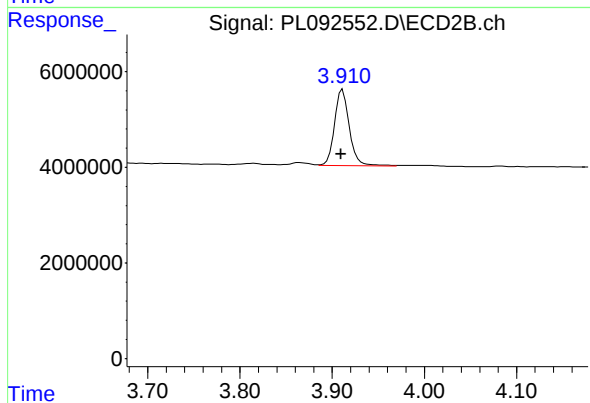
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.002 min
Response: 35188261
Conc: 8.54 ng/ml



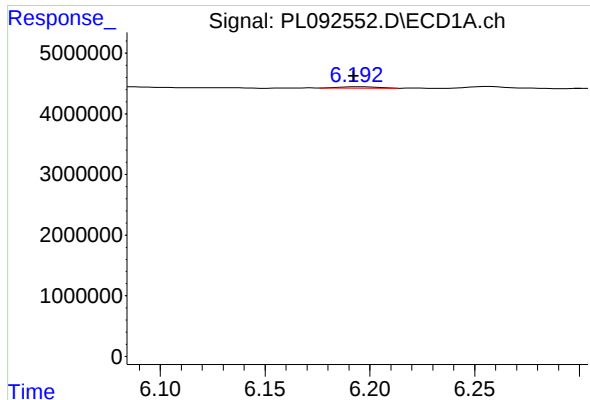
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.003 min
Response: 15778499
Conc: 10.16 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.002 min
Response: 17739744
Conc: 10.16 ng/ml



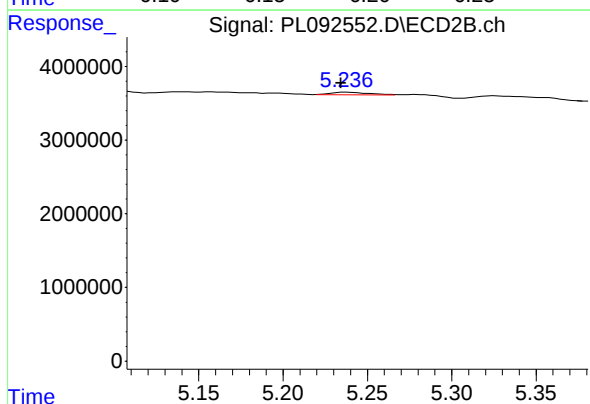
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 298824
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

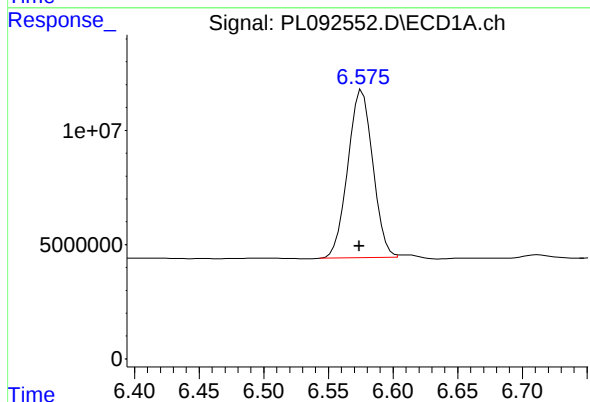
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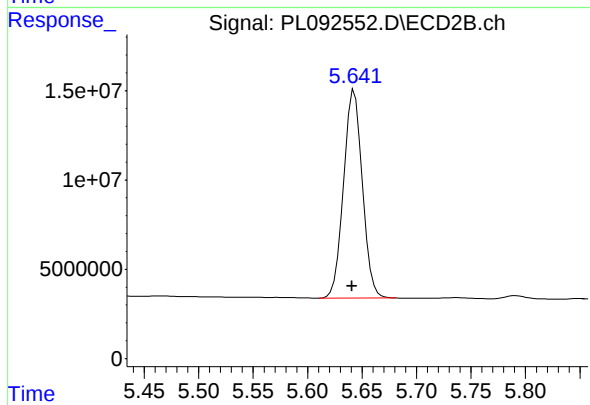
#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 492263
Conc: 0.14 ng/ml



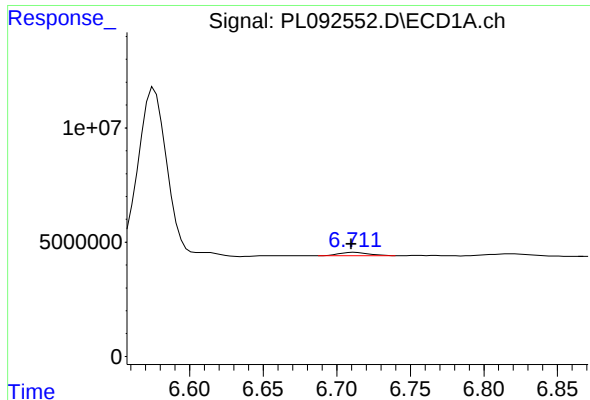
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 98451087
Conc: 34.87 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 139259469
Conc: 42.52 ng/ml



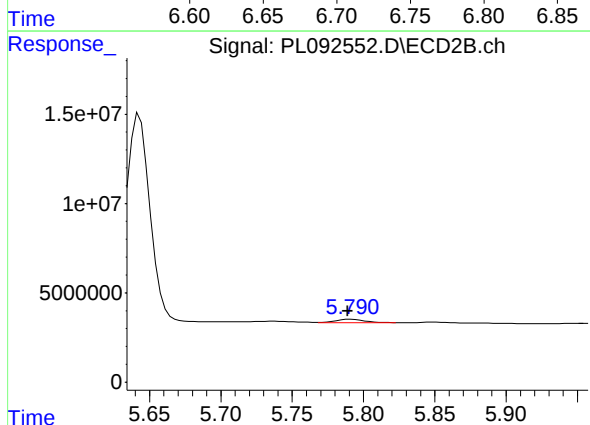
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 2150516
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

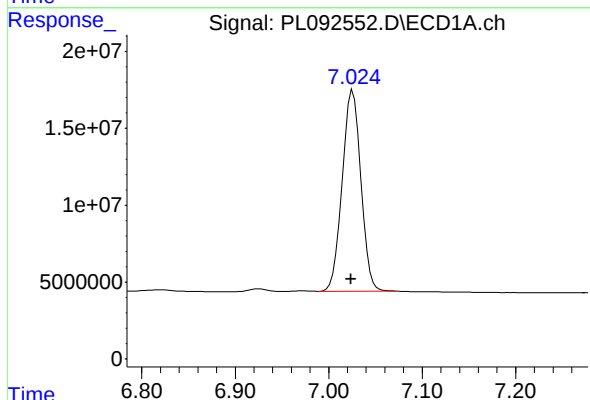
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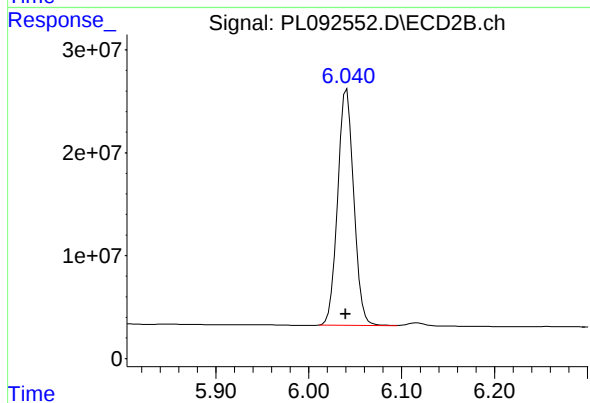
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.002 min
Response: 2673174
Conc: 0.96 ng/ml



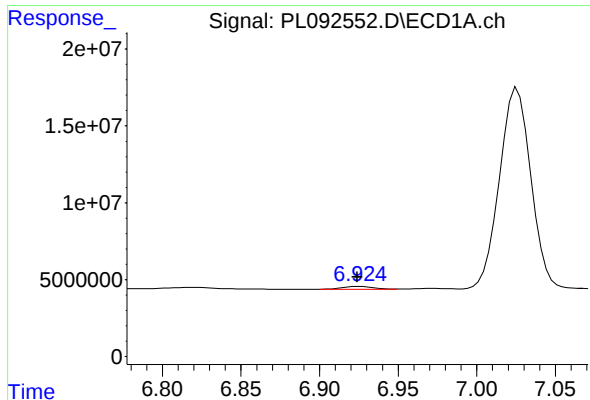
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 181659622
Conc: 73.66 ng/ml



#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.001 min
Response: 277039206
Conc: 94.33 ng/ml



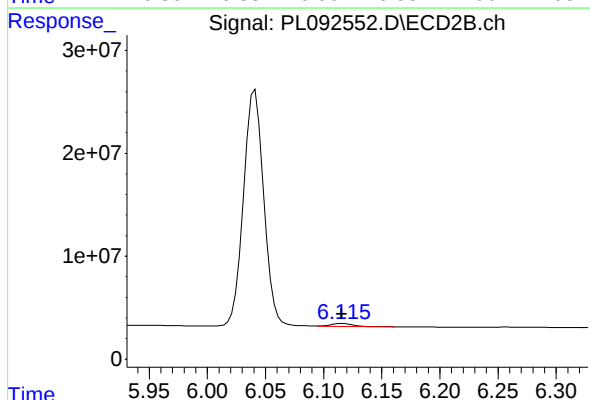
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 2589908
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

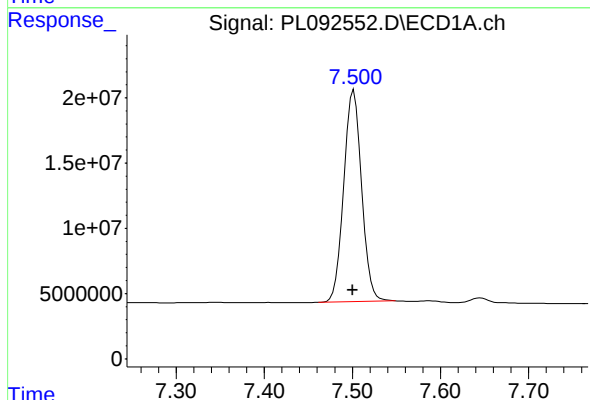
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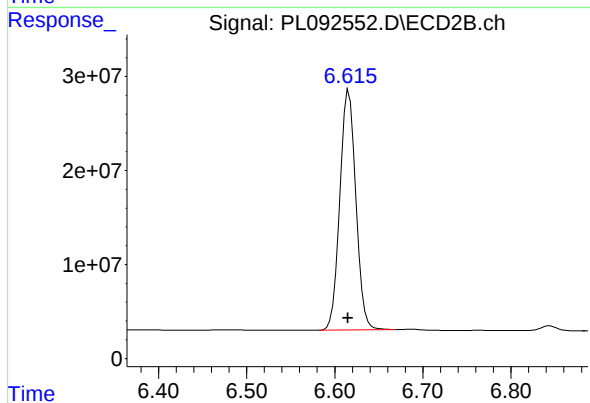
#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.001 min
Response: 3665554
Conc: 1.49 ng/ml



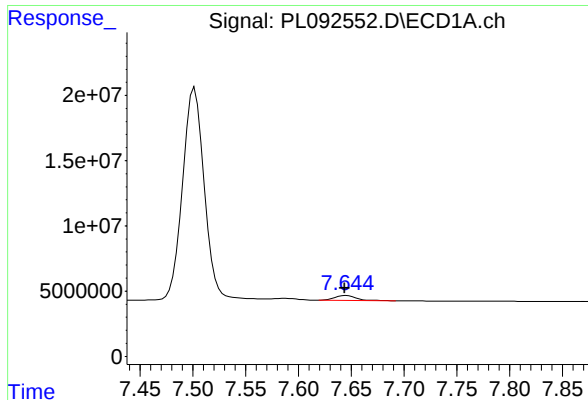
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 229129718
Conc: 194.55 ng/ml



#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 322866681
Conc: 227.71 ng/ml



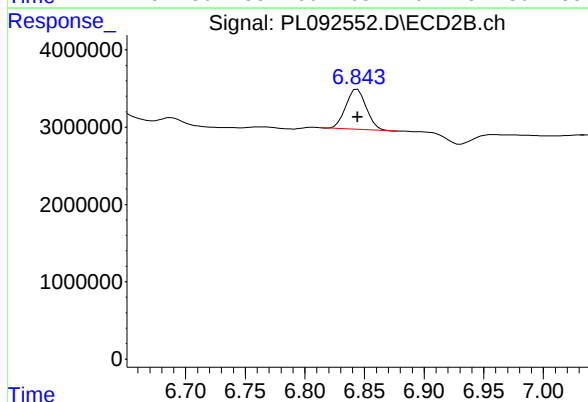
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 5161185
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

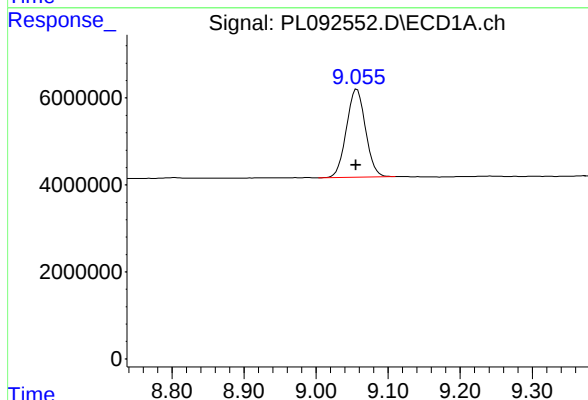
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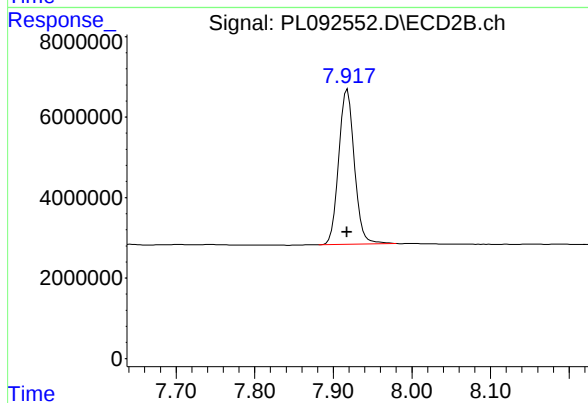
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 6186719
Conc: 1.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.002 min
Response: 37210194
Conc: 18.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 53346250
Conc: 20.25 ng/ml