

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062724\
 Data File : PL090357.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2024 10:58
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/28/2024
 Supervised By : Ankita Jodhani 06/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 01:09:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.547	2.792	46360296	32325217	20.427m	20.436
28)	SA Decachlor...	9.062	7.937	33128078	30607424	21.481	20.518
Target Compounds							
2)	A alpha-BHC	4.003	3.294	34325260	21633408	10.944	9.677m
3)	MA gamma-BHC...	4.336	3.624	32822745	20719797	10.919	9.691m
6)	B beta-BHC	4.531	3.924	15868332	10825443	11.781	11.214
12)	B 4,4'-DDE	6.200	5.252	757247	387437	0.347	0.234m#
14)	MA Endrin	6.582	5.660	88671784	74064901	41.821	44.791
16)	A 4,4'-DDD	6.716	5.807	7973565	4551688	4.352	3.321
17)	MA 4,4'-DDT	7.031	6.058	165.8E6	153.0E6	86.383	103.380
18)	B Endrin al...	6.930	6.133	4233449	3370320	2.507m	2.647
20)	A Methoxychlor	7.506	6.633	213.7E6	191.6E6	207.360	229.677
21)	B Endrin ke...	7.648	6.861	9361698	7829970	4.316m	4.373

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

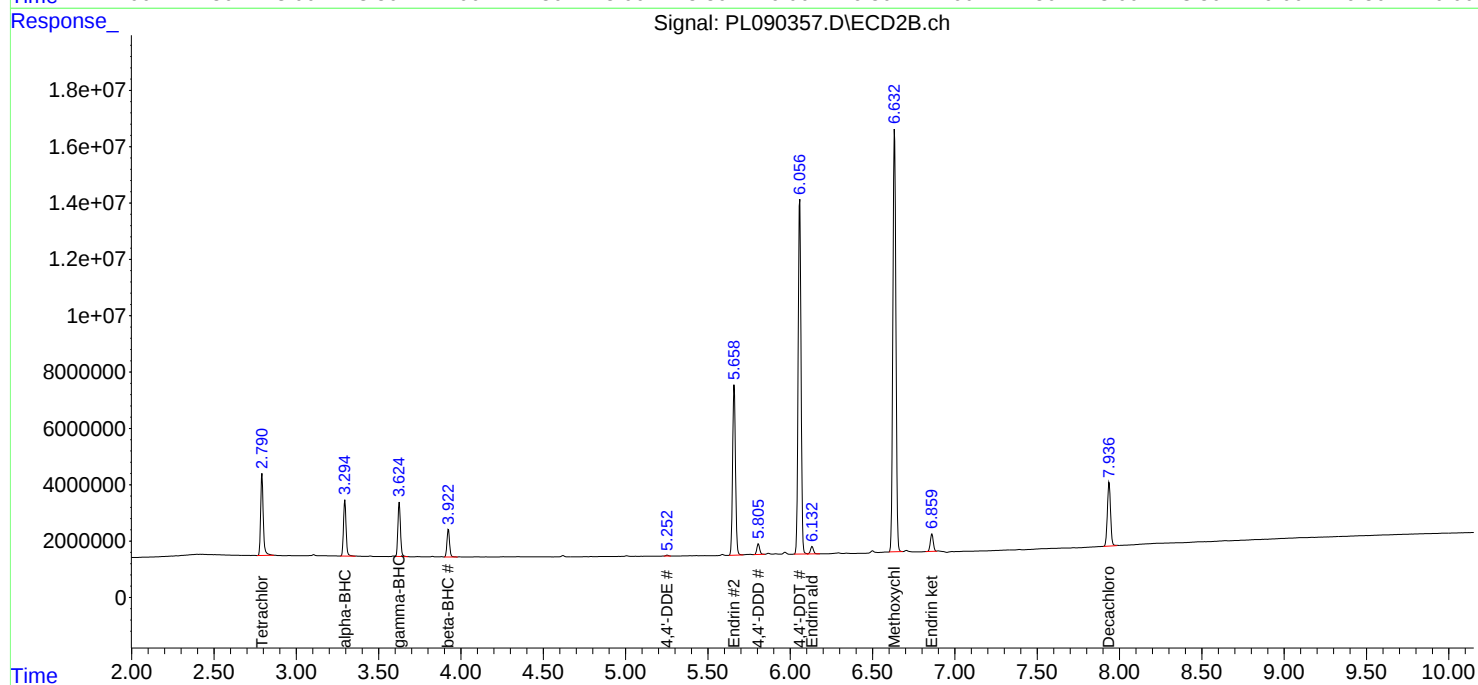
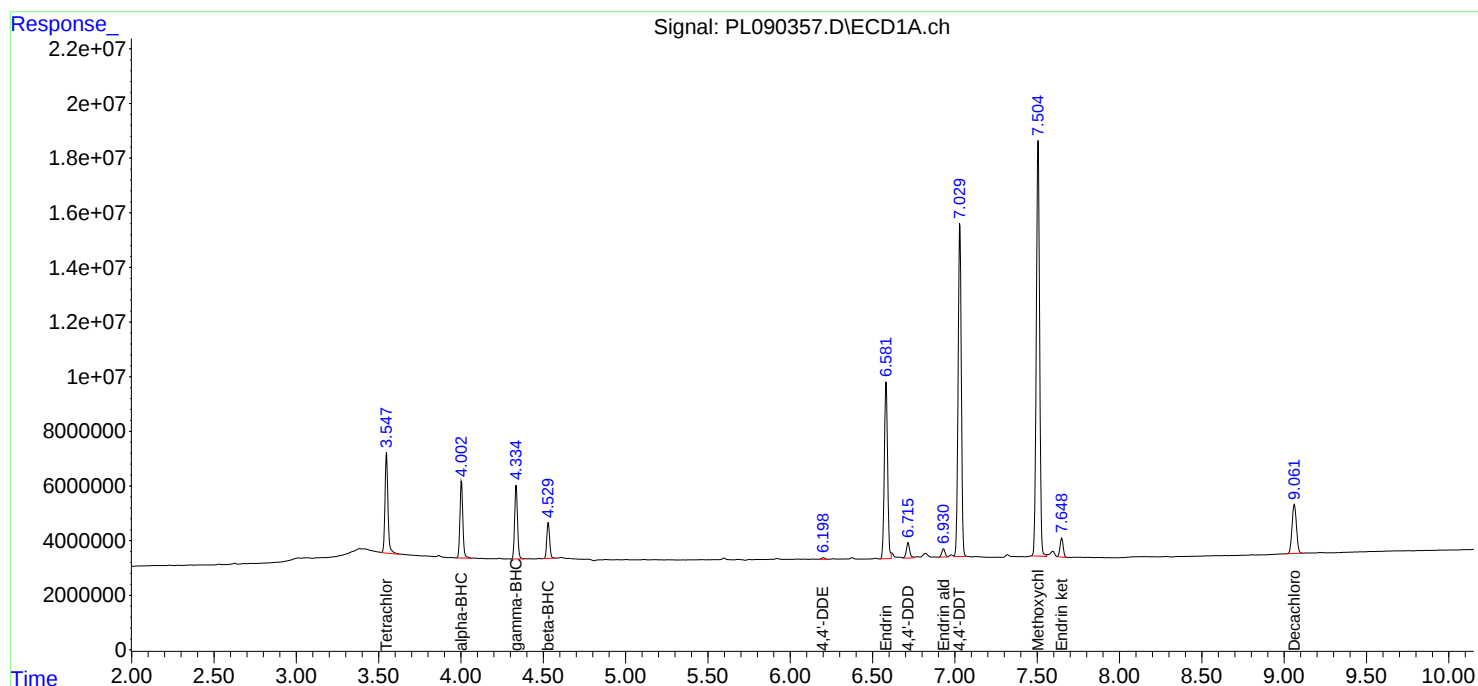
Instrument :
ECD_L
ClientSampleId :
PEM

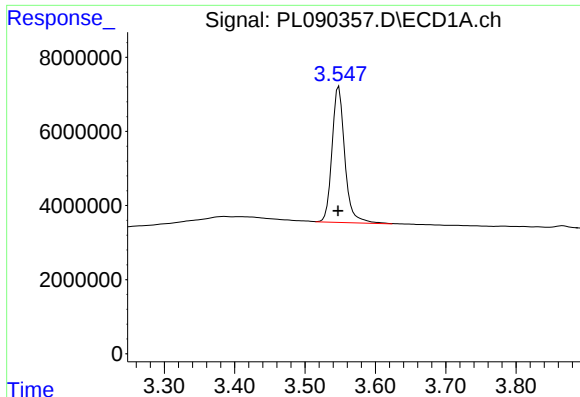
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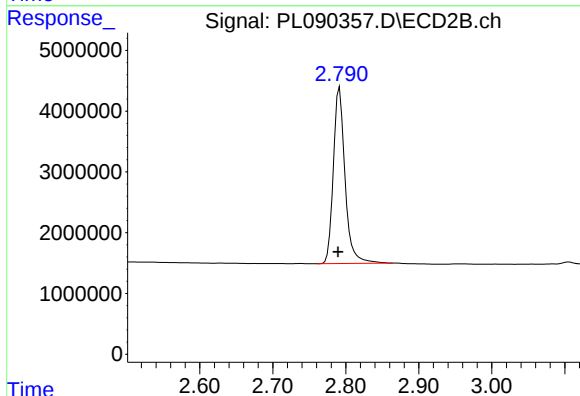
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 46360296
Conc: 20.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

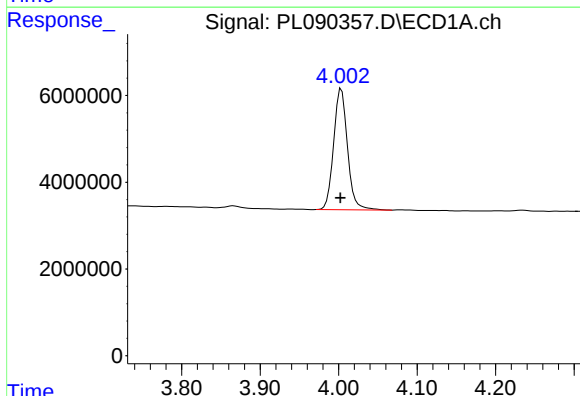
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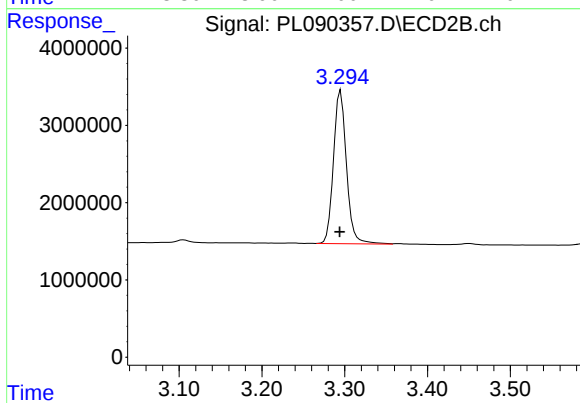
#1 Tetrachloro-m-xylene

R.T.: 2.792 min
Delta R.T.: 0.002 min
Response: 32325217
Conc: 20.44 ng/ml



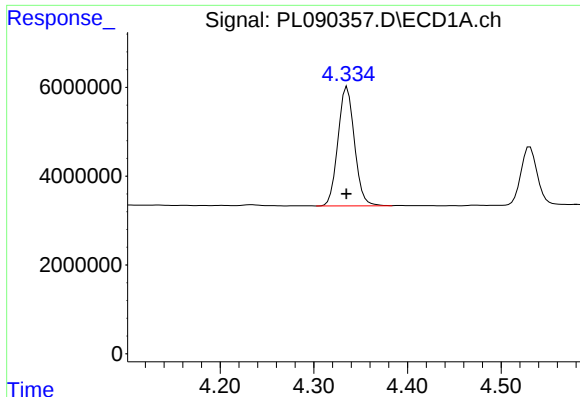
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.001 min
Response: 34325260
Conc: 10.94 ng/ml



#2 alpha-BHC

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 21633408
Conc: 9.68 ng/ml m



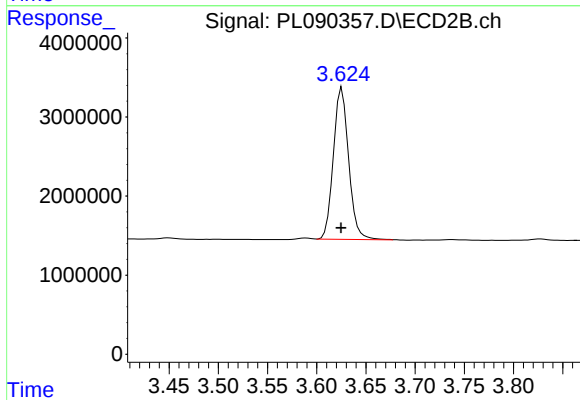
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 32822745
Conc: 10.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

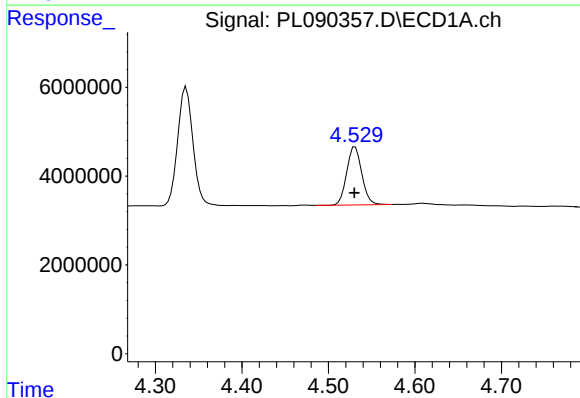
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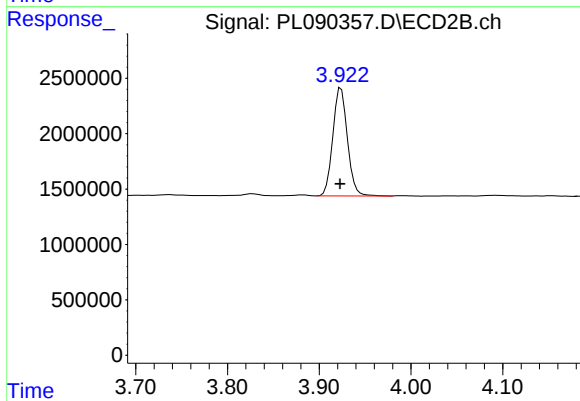
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 20719797
Conc: 9.69 ng/ml m



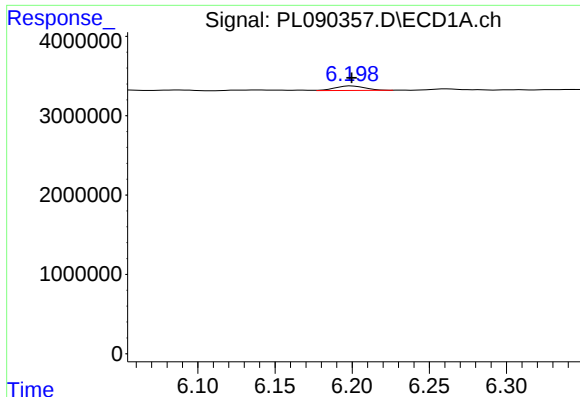
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 15868332
Conc: 11.78 ng/ml



#6 beta-BHC

R.T.: 3.924 min
Delta R.T.: 0.001 min
Response: 10825443
Conc: 11.21 ng/ml



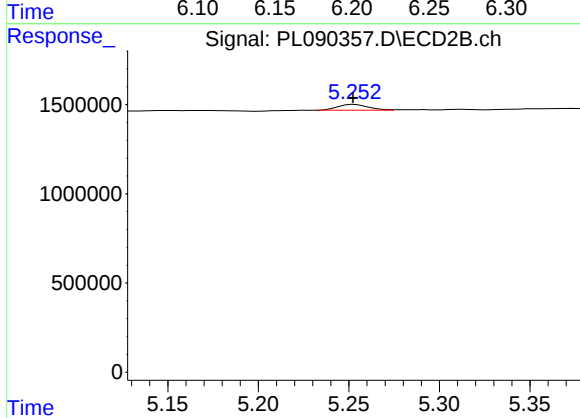
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 757247
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#12 4,4'-DDE

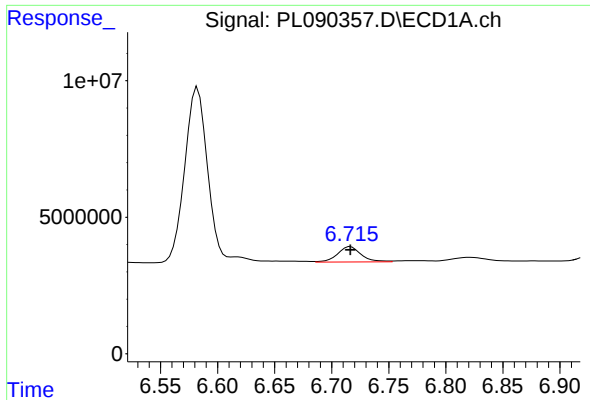
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 387437
Conc: 0.23 ng/ml m

#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 88671784
Conc: 41.82 ng/ml

#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 74064901
Conc: 44.79 ng/ml



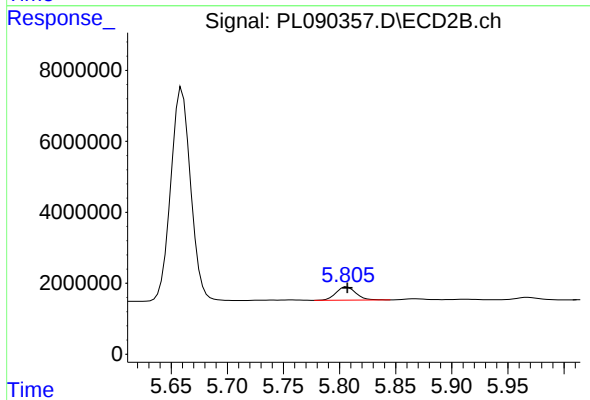
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 7973565
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

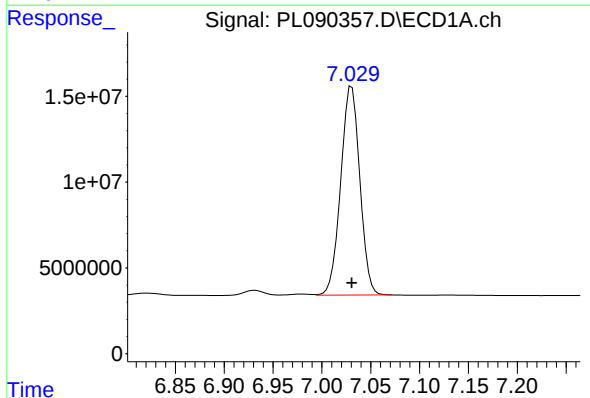
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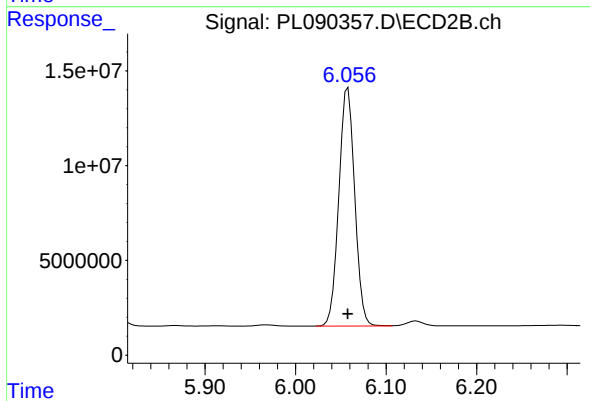
#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 4551688
Conc: 3.32 ng/ml



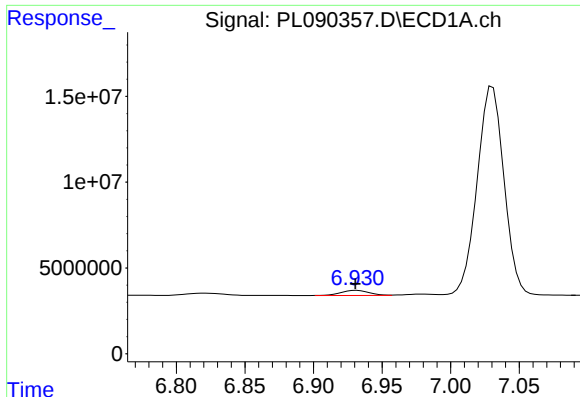
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 165762806
Conc: 86.38 ng/ml



#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 153014174
Conc: 103.38 ng/ml



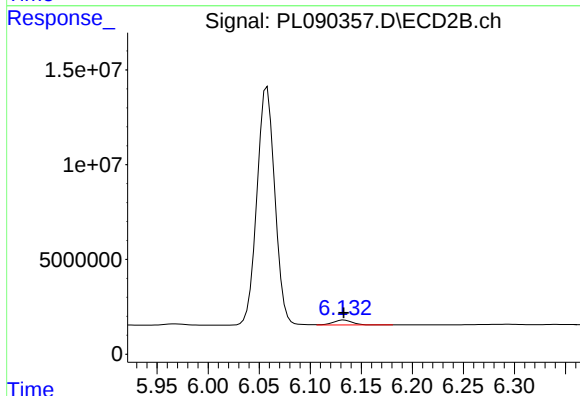
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 4233449
Conc: 2.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

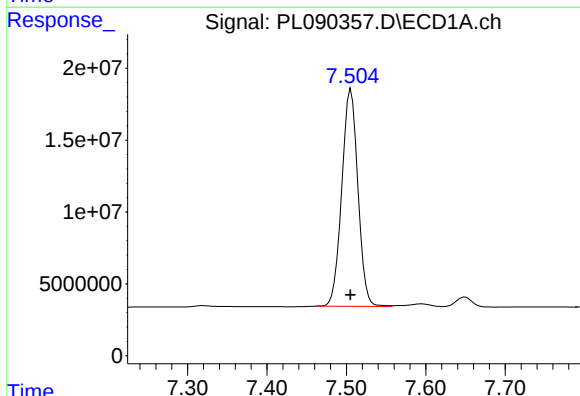
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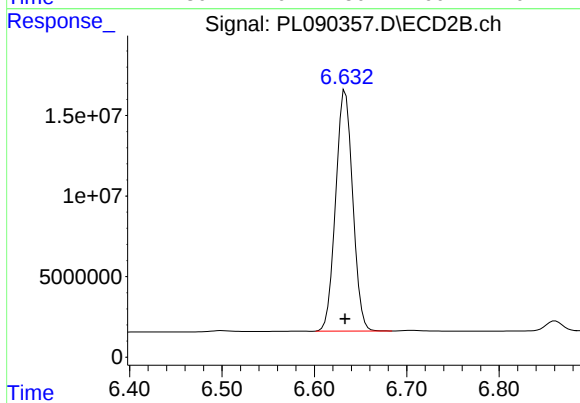
#18 Endrin aldehyde

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 3370320
Conc: 2.65 ng/ml



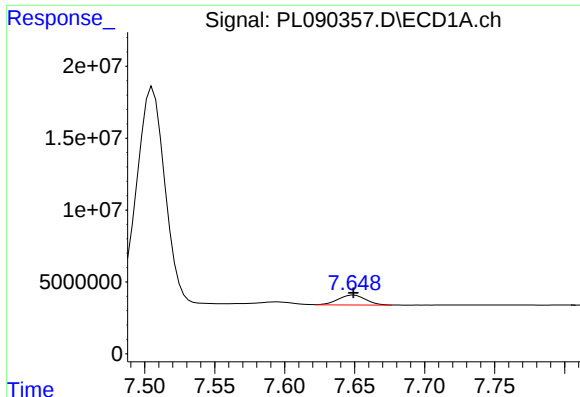
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 213692203
Conc: 207.36 ng/ml



#20 Methoxychlor

R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 191613319
Conc: 229.68 ng/ml



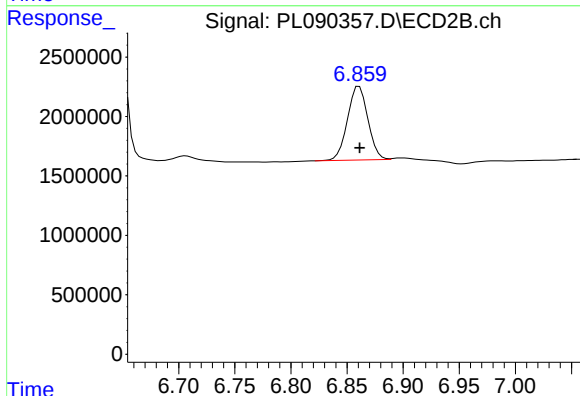
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 9361698
Conc: 4.32 ng/ml

Instrument :
ECD_L
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PEM

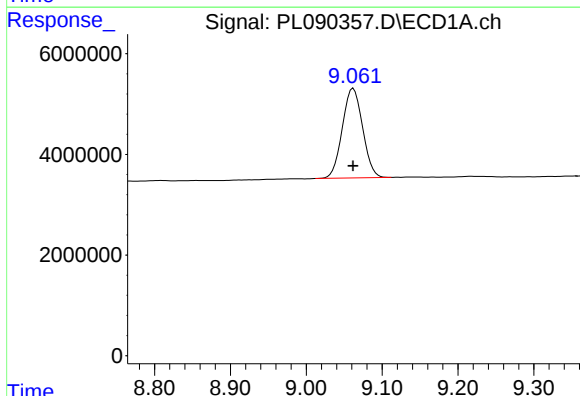
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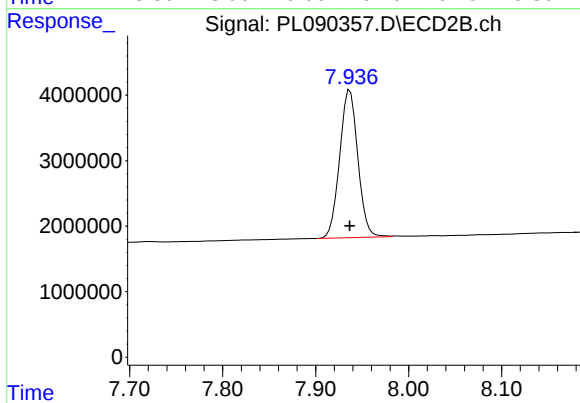
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 7829970
Conc: 4.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 33128078
Conc: 21.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 30607424
Conc: 20.52 ng/ml