

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121624\
 Data File : PL093380.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2024 09:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/17/2024
 Supervised By : Ankita Jodhani 12/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 00:13:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 15:18:43 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...	3.539	2.776	55994068	60279169	21.545	20.901
28)	SA Decachlor...	9.052	7.910	40322595	58943587	23.193	20.635
Target Compounds							
2)	A alpha-BHC	3.995	3.278	39565403	43186784	11.088	10.115
3)	MA gamma-BHC...	4.327	3.608	37191406	40268242	11.008	9.727
6)	B beta-BHC	4.525	3.907	17512901	19292420	11.600	10.845
12)	B 4,4'-DDE	6.188	5.230	482639	538066	0.206m	0.150m#
14)	MA Endrin	6.572	5.637	93651085	150.0E6	44.649m	47.047
16)	A 4,4'-DDD	6.709	5.785	5116518	6183176	2.792	2.206
17)	MA 4,4'-DDT	7.023	6.035	176.6E6	315.1E6	91.606	106.395
18)	B Endrin al...	6.923	6.111	4849798	7552007	2.684	2.880
20)	A Methoxychlor	7.499	6.608	215.0E6	341.2E6	205.762	223.428m
21)	B Endrin ke...	7.642	6.838	8694618	13870923	3.831	4.132

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

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Acq On : 16 Dec 2024 09:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

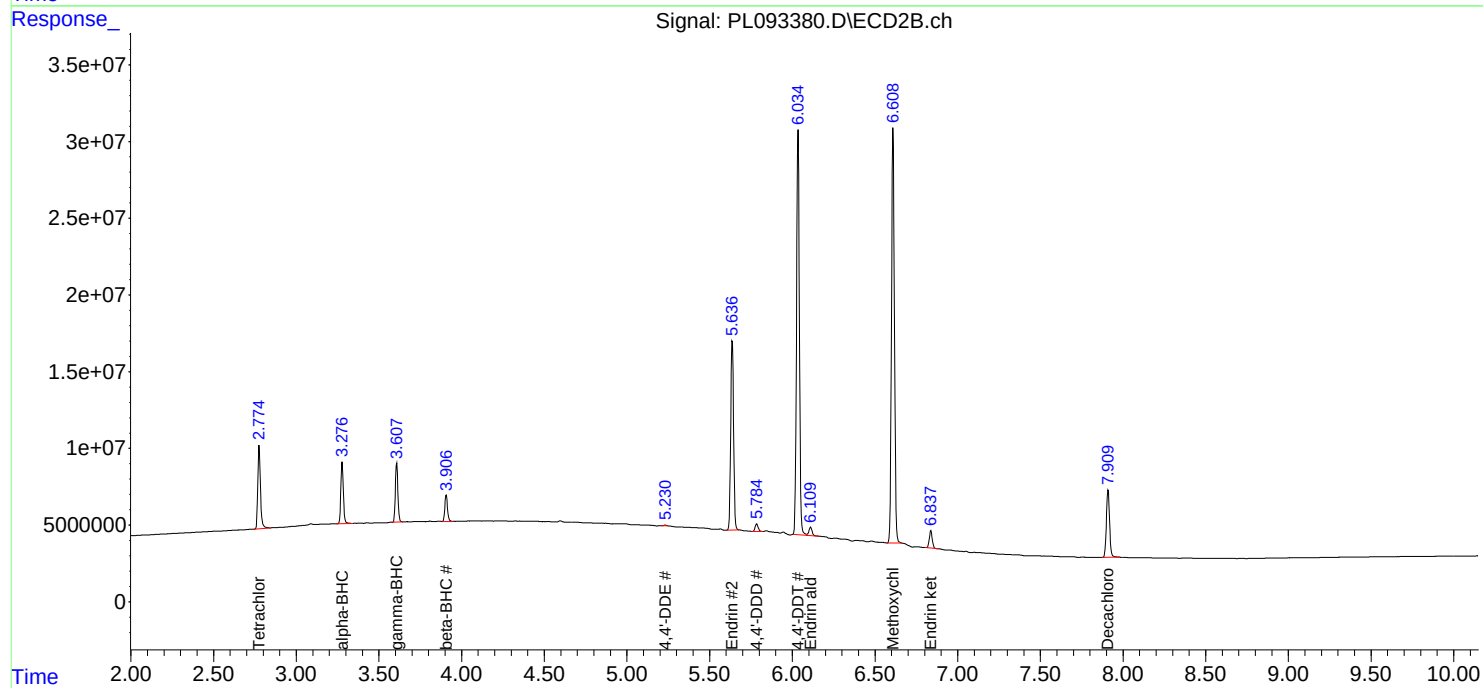
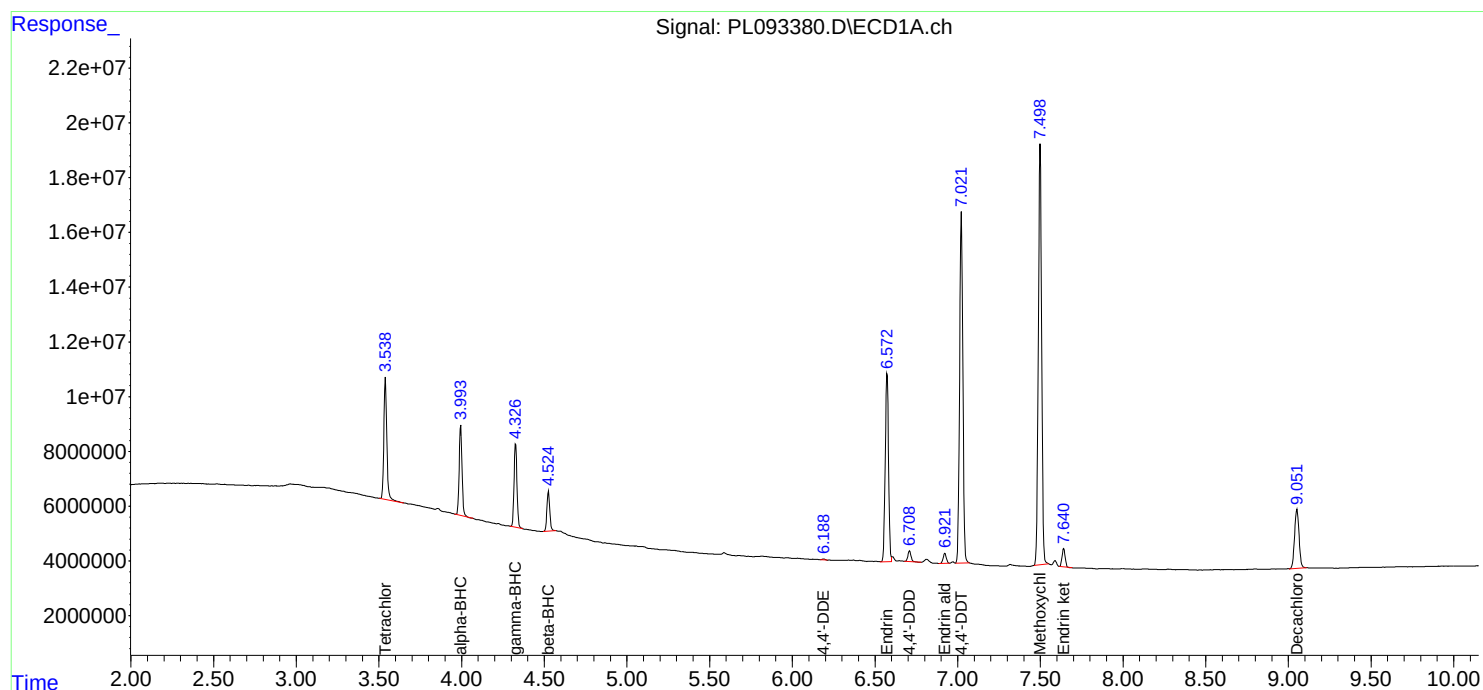
Instrument :
ECD_L
ClientSampleId :
PEM

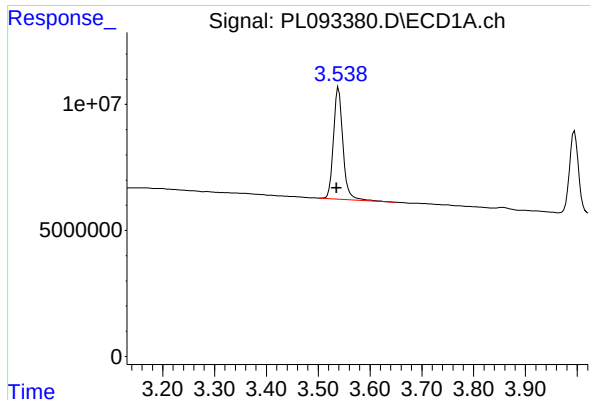
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





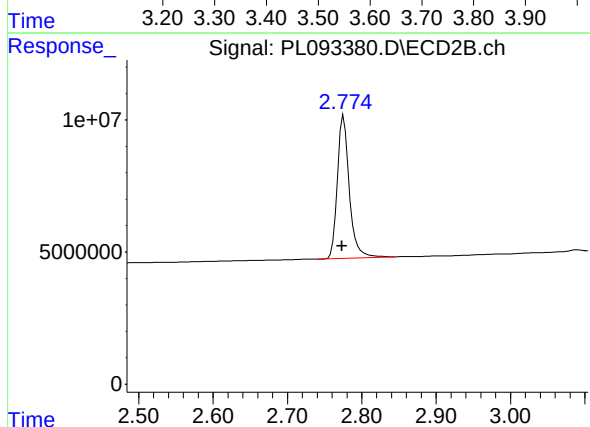
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.003 min
Response: 55994068
Conc: 21.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

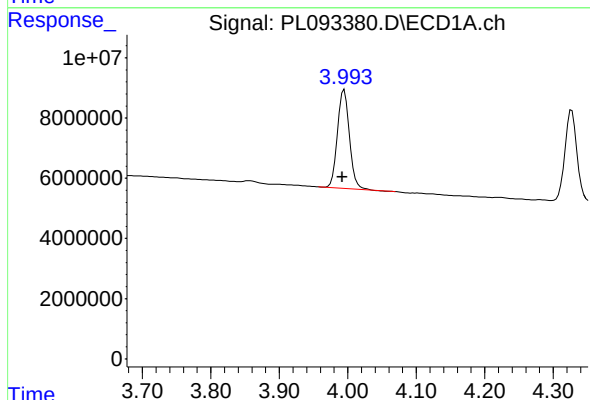
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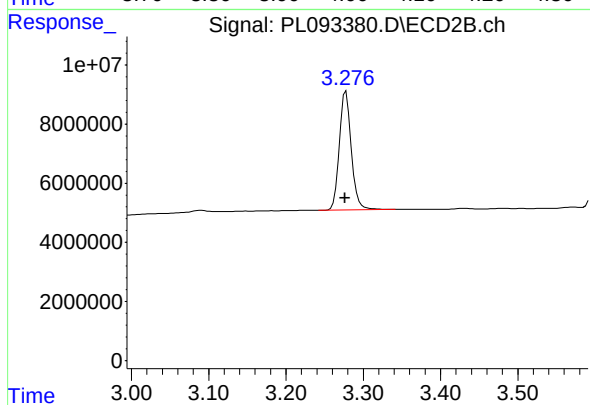
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.002 min
Response: 60279169
Conc: 20.90 ng/ml



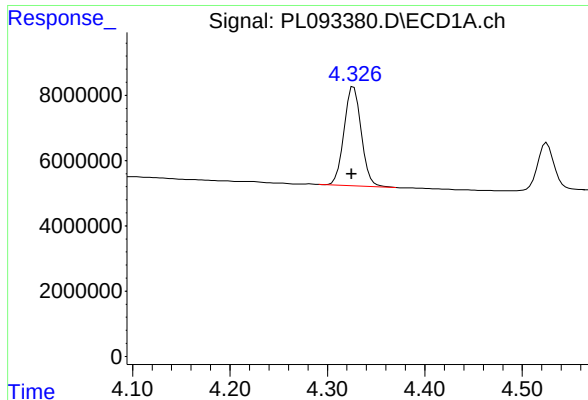
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.003 min
Response: 39565403
Conc: 11.09 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.001 min
Response: 43186784
Conc: 10.12 ng/ml



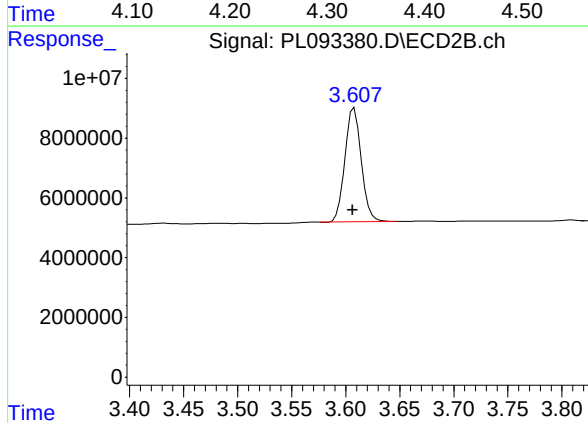
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.002 min
Response: 37191406
Conc: 11.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

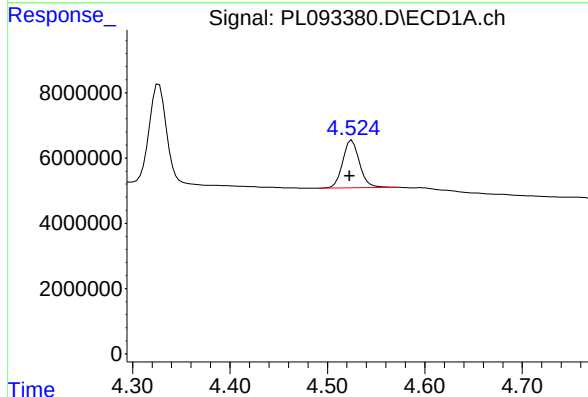
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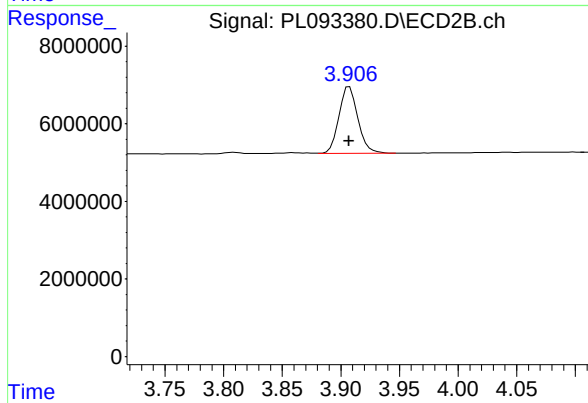
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.002 min
Response: 40268242
Conc: 9.73 ng/ml



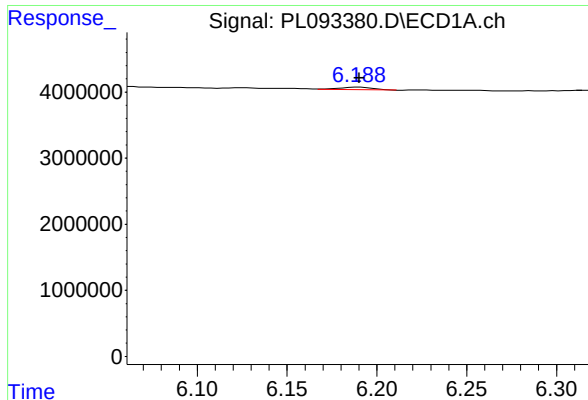
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 17512901
Conc: 11.60 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 19292420
Conc: 10.85 ng/ml



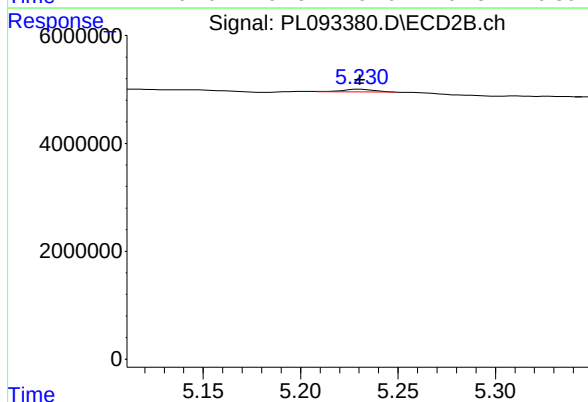
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 482639
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

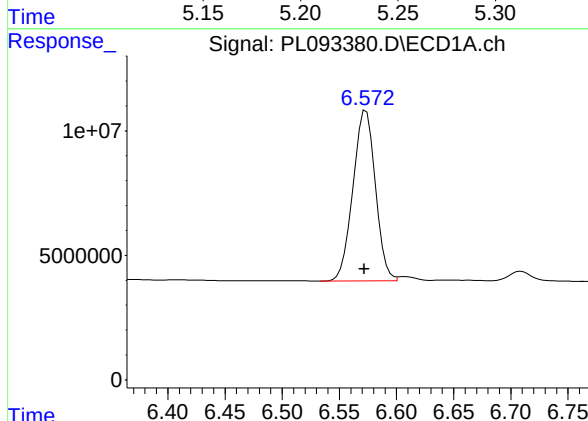
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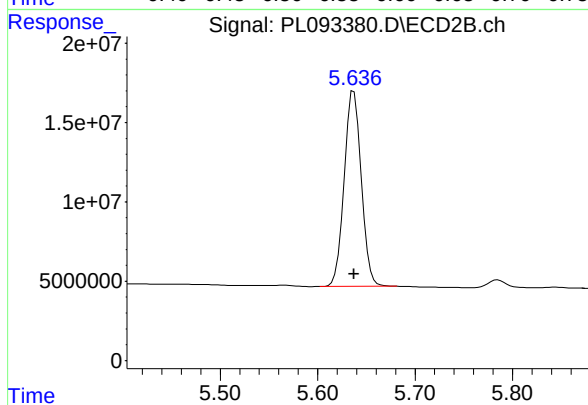
#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 538066
Conc: 0.15 ng/ml



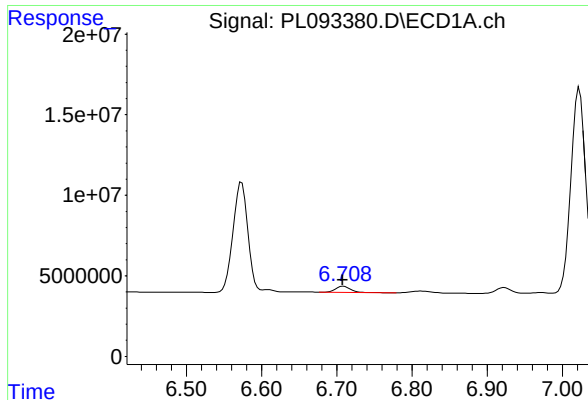
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 93651085
Conc: 44.65 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 150044199
Conc: 47.05 ng/ml



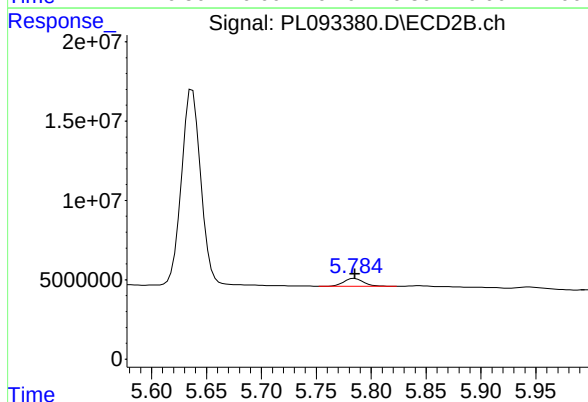
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.001 min
Response: 5116518
Conc: 2.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

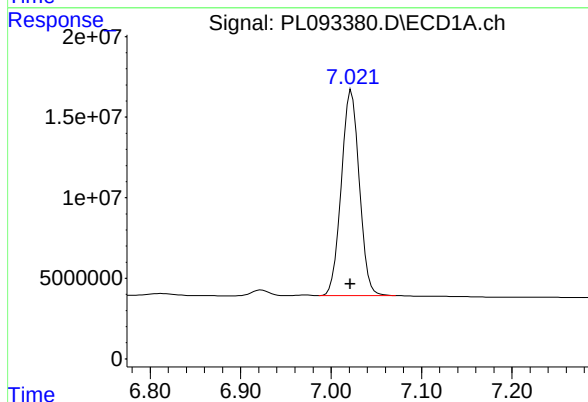
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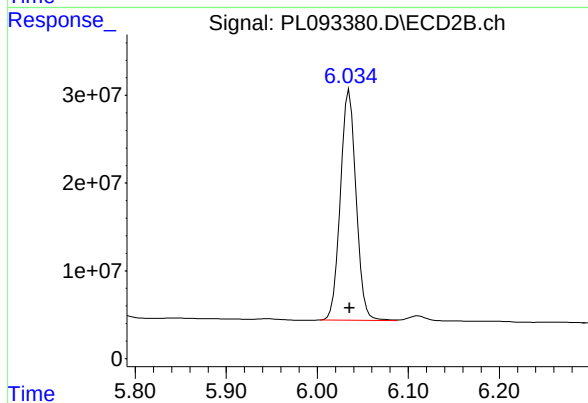
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 6183176
Conc: 2.21 ng/ml



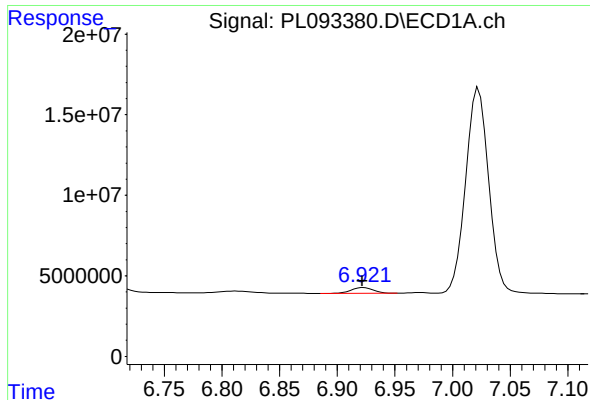
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 176601731
Conc: 91.61 ng/ml



#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 315117892
Conc: 106.40 ng/ml



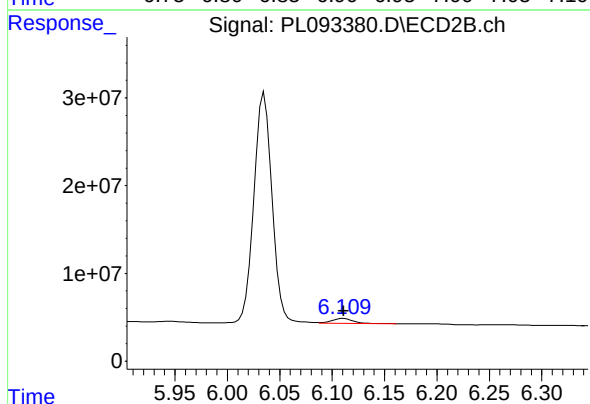
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.001 min
Response: 4849798
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

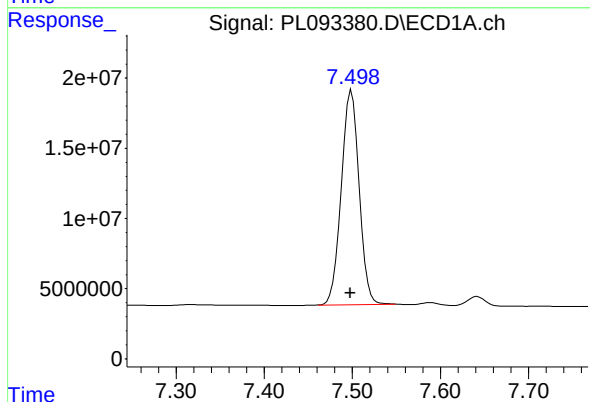
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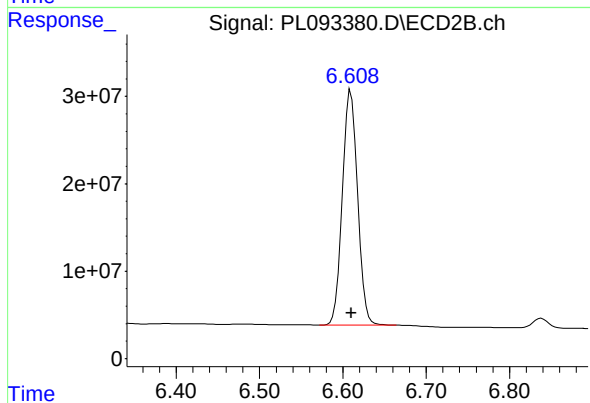
#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 7552007
Conc: 2.88 ng/ml



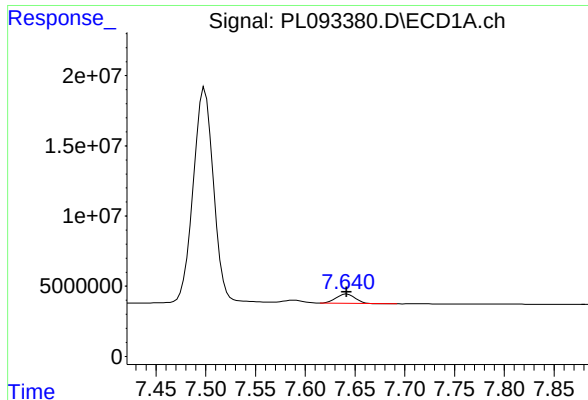
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 214996021
Conc: 205.76 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 341161938
Conc: 223.43 ng/ml m



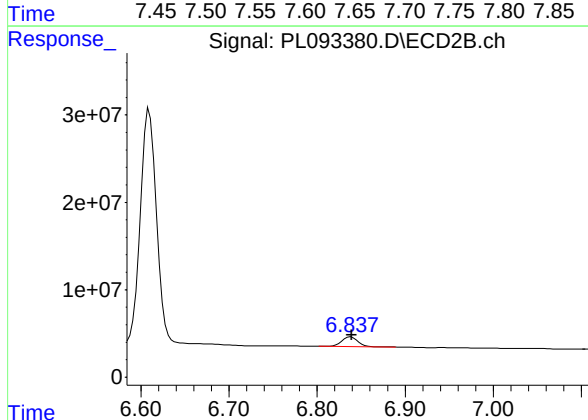
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 8694618
Conc: 3.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

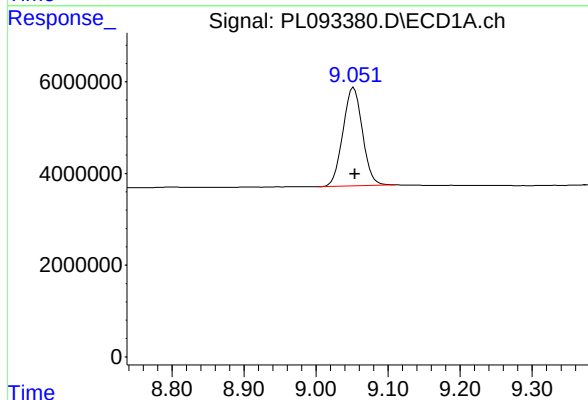
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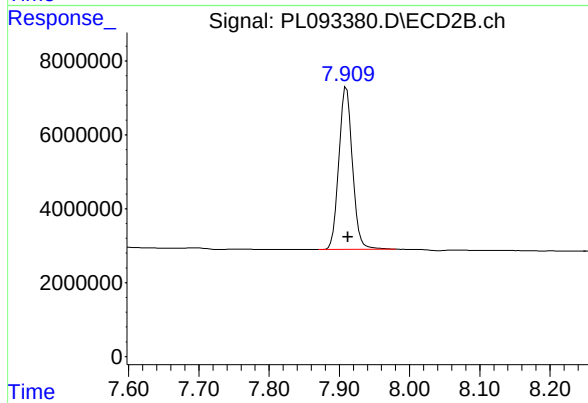
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 13870923
Conc: 4.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.002 min
Response: 40322595
Conc: 23.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: -0.002 min
Response: 58943587
Conc: 20.64 ng/ml