

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112024\
 Data File : PL093169.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 09:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 23:02:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.536	2.774	52979657	57128568	21.622	20.994
28)	SA Decachlor...	9.056	7.913	35484525	55836232	18.438	20.459
Target Compounds							
2)	A alpha-BHC	3.992	3.276	37516200	40073120	11.062	10.043
3)	MA gamma-BHC...	4.325	3.607	35395611	37173421	10.859	9.632
6)	B beta-BHC	4.523	3.907	15823541	18071546	10.947	10.977
12)	B 4,4'-DDE	6.191	5.234	265789	1161640	0.112m	0.361 #
14)	MA Endrin	6.572	5.638	93902638	140.9E6	41.246m	48.694
16)	A 4,4'-DDD	6.708	5.787	5612301	7855970	2.924m	3.155
17)	MA 4,4'-DDT	7.023	6.035	176.2E6	282.2E6	85.128	105.228m
18)	B Endrin al...	6.923	6.112	4328466	5252944	2.305	2.277
20)	A Methoxychlor	7.500	6.612	225.9E6	344.7E6	198.193	241.400
21)	B Endrin ke...	7.643	6.840	7694531	11416781	3.176	3.720

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

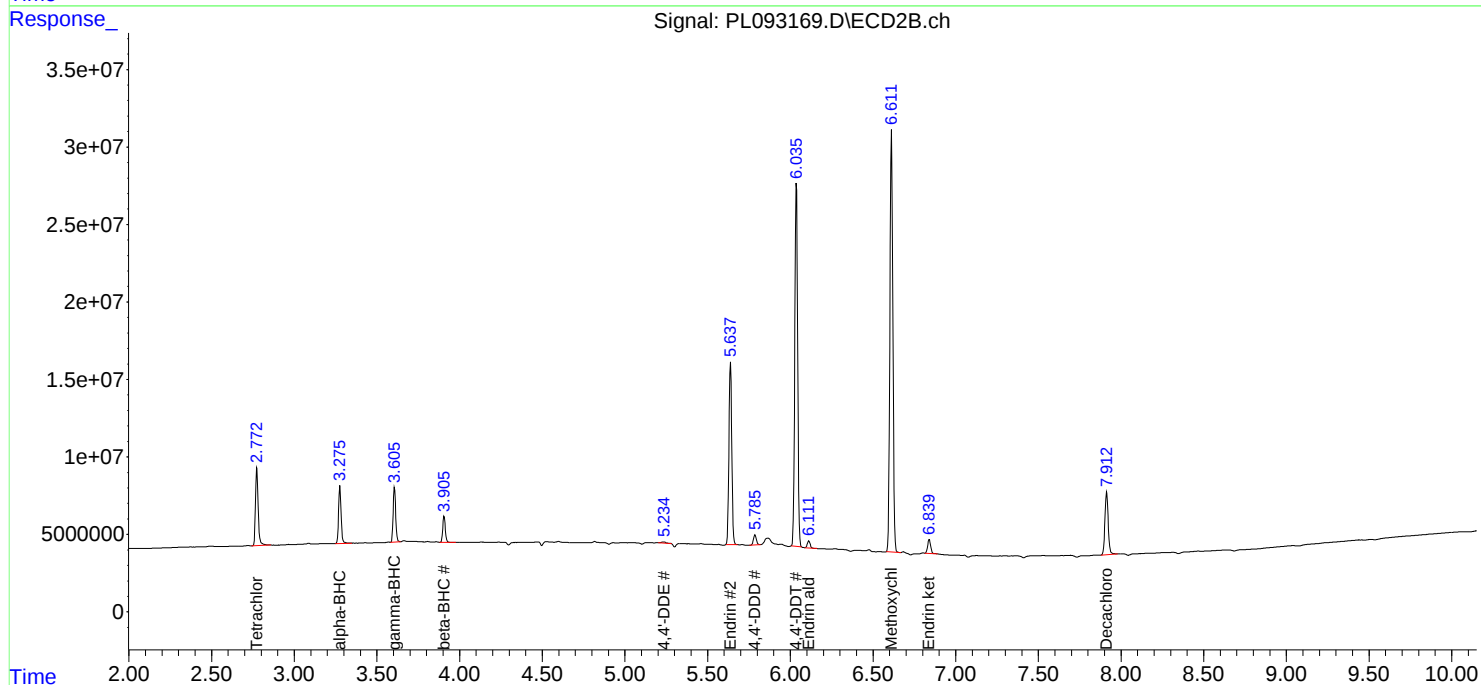
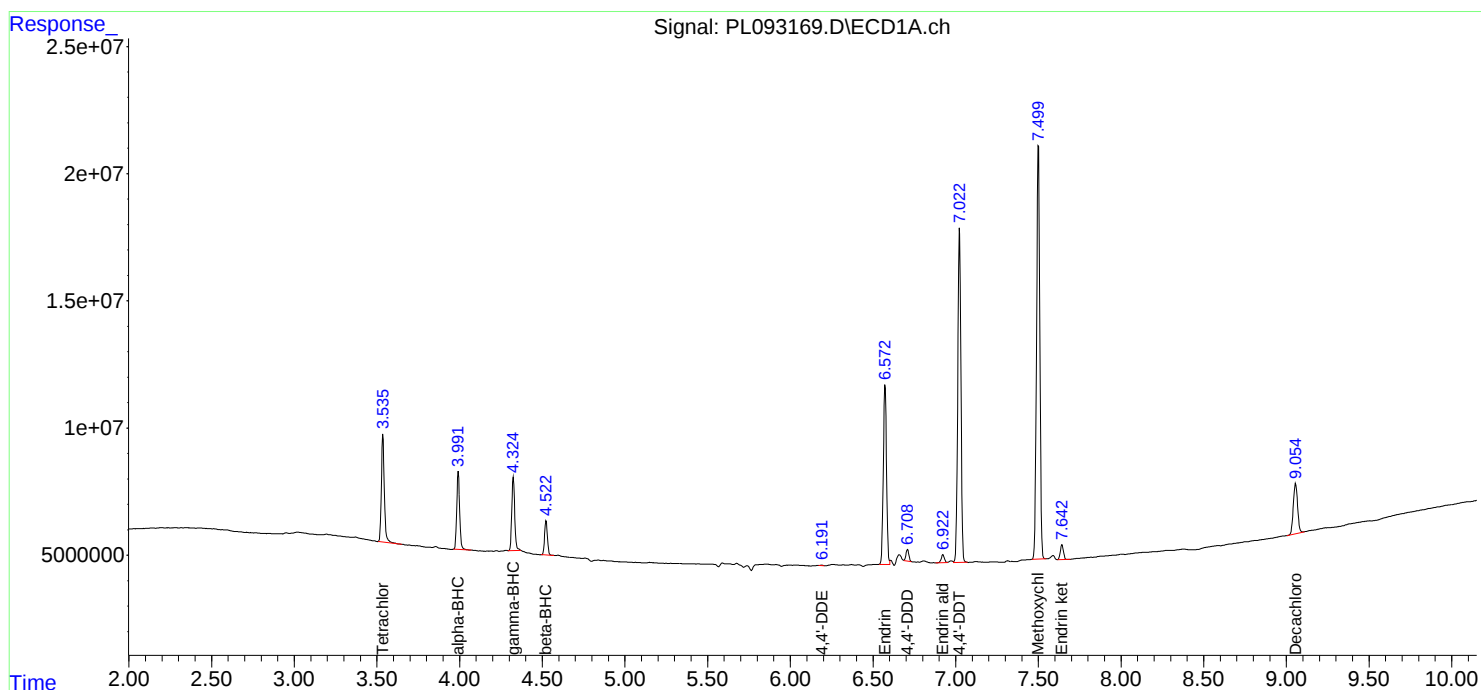
Instrument :
ECD_L
ClientSampleId :
PEM

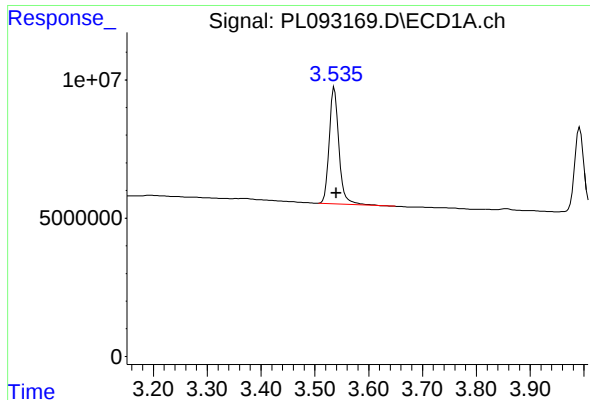
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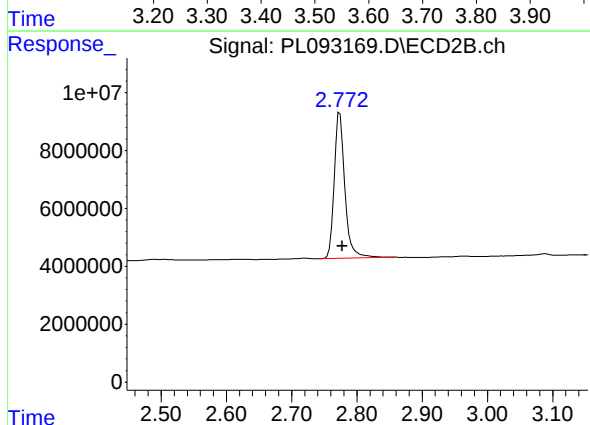
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 52979657
Conc: 21.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

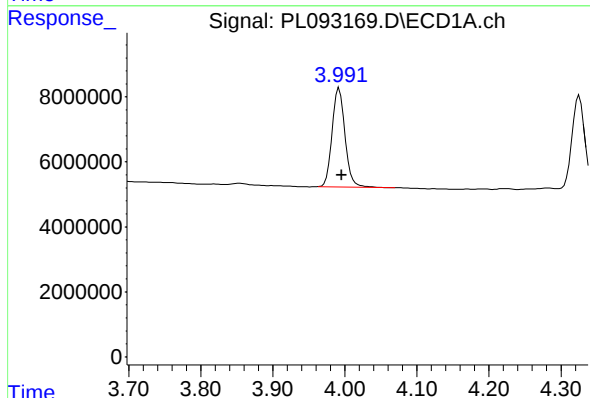
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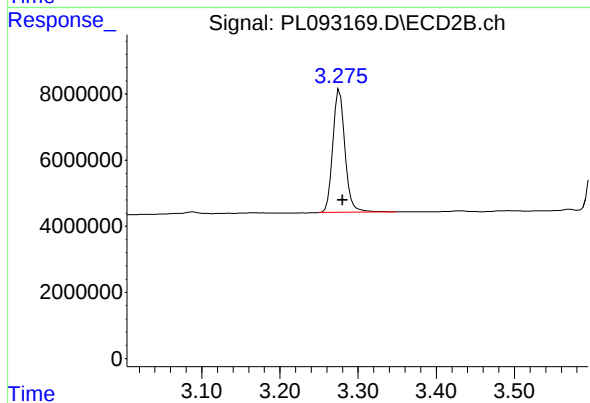
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 57128568
Conc: 20.99 ng/ml



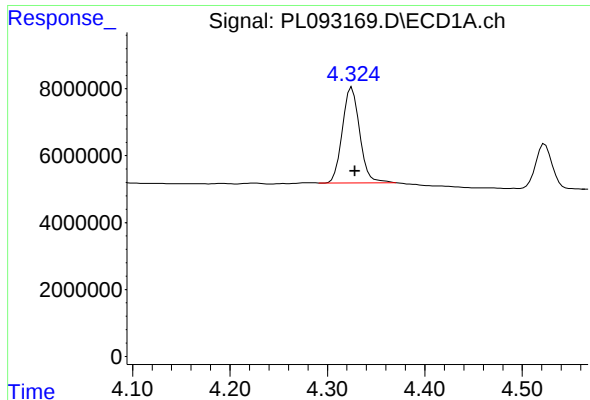
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 37516200
Conc: 11.06 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.004 min
Response: 40073120
Conc: 10.04 ng/ml



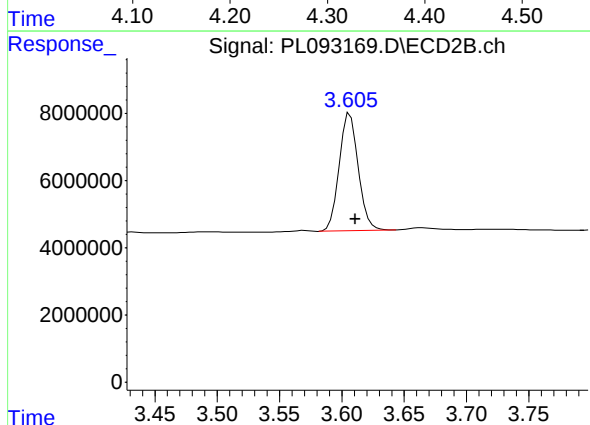
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 35395611
Conc: 10.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

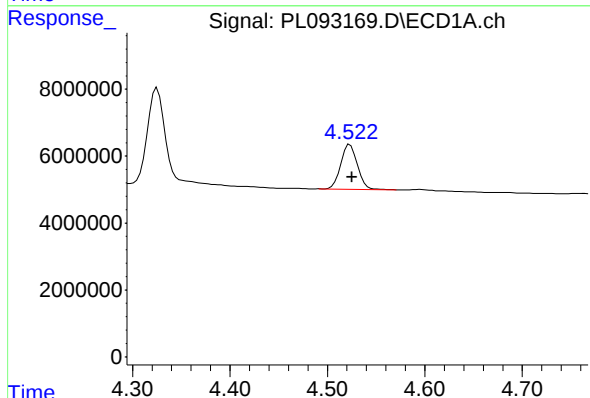
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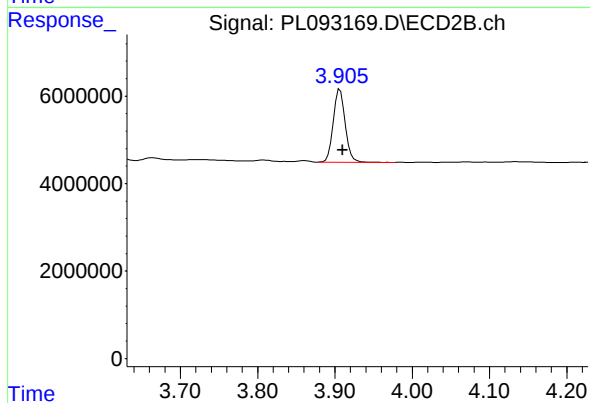
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 37173421
Conc: 9.63 ng/ml



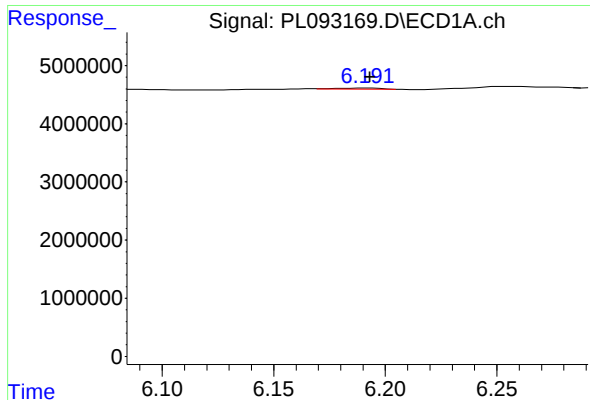
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 15823541
Conc: 10.95 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 18071546
Conc: 10.98 ng/ml



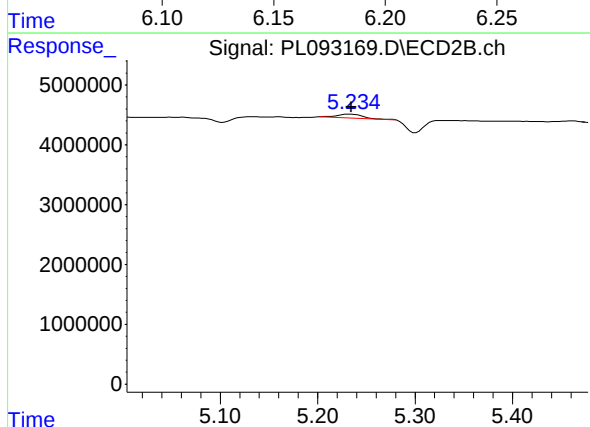
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 265789
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

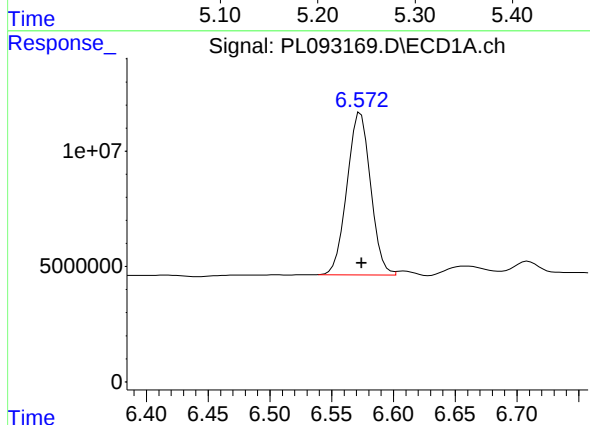
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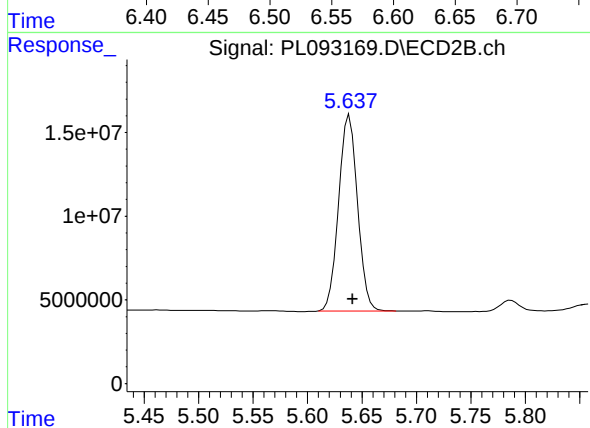
#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 1161640
Conc: 0.36 ng/ml



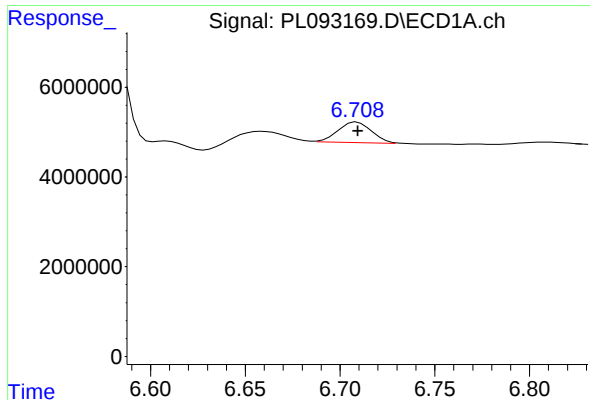
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 93902638
Conc: 41.25 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 140872195
Conc: 48.69 ng/ml



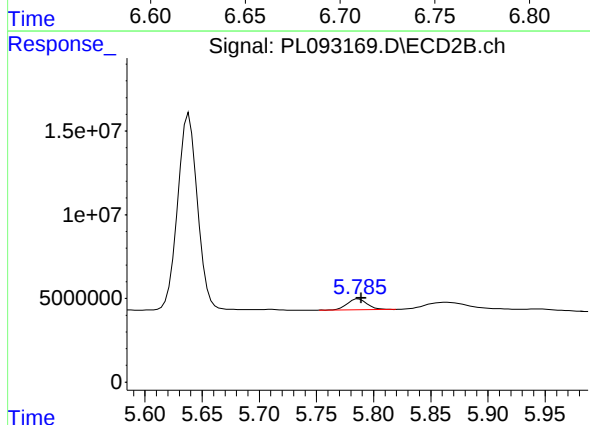
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 5612301
Conc: 2.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

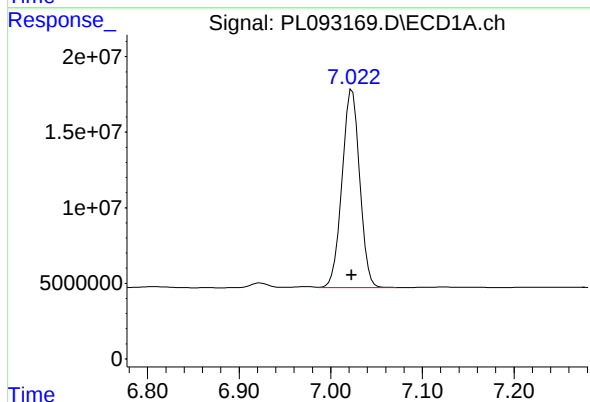
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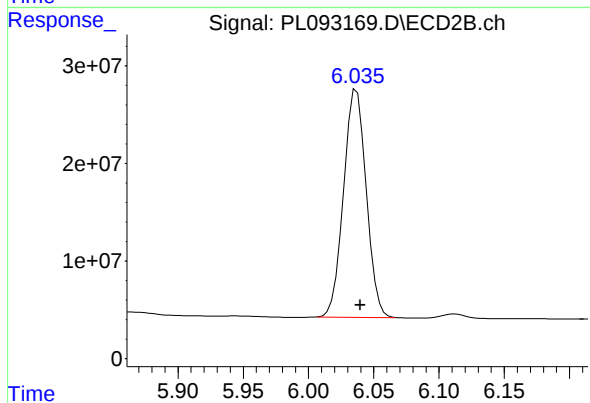
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 7855970
Conc: 3.15 ng/ml



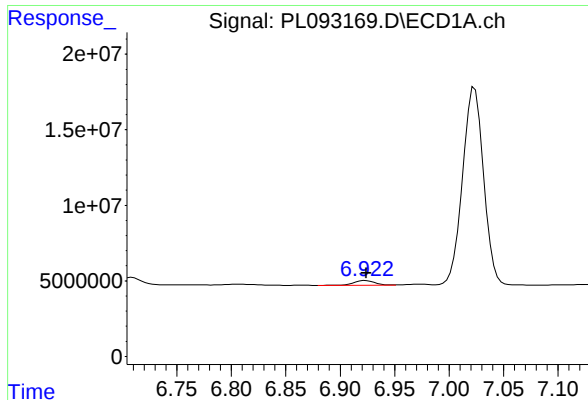
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 176193036
Conc: 85.13 ng/ml



#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.004 min
Response: 282249397
Conc: 105.23 ng/ml m



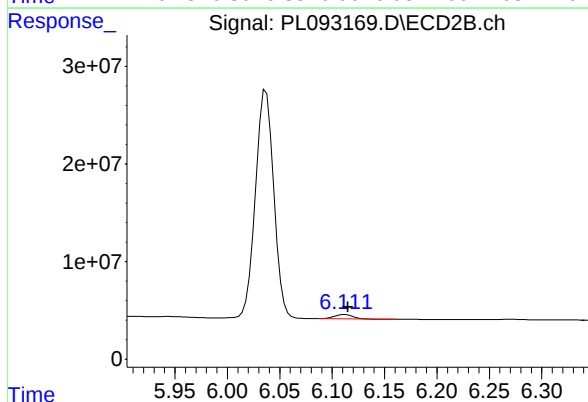
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 4328466
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

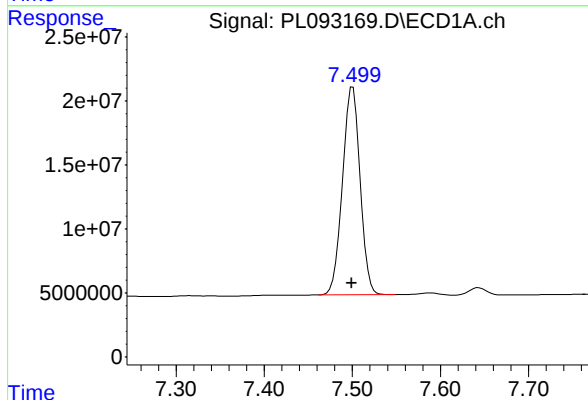
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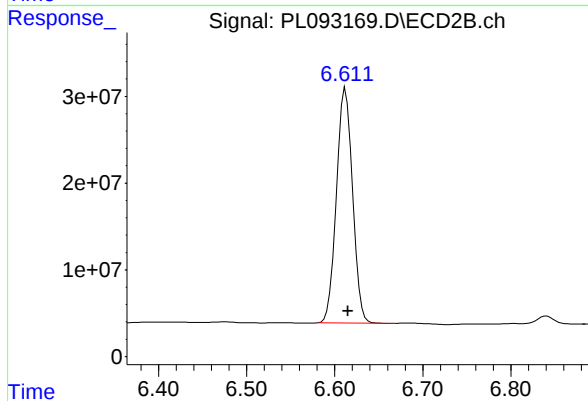
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 5252944
Conc: 2.28 ng/ml



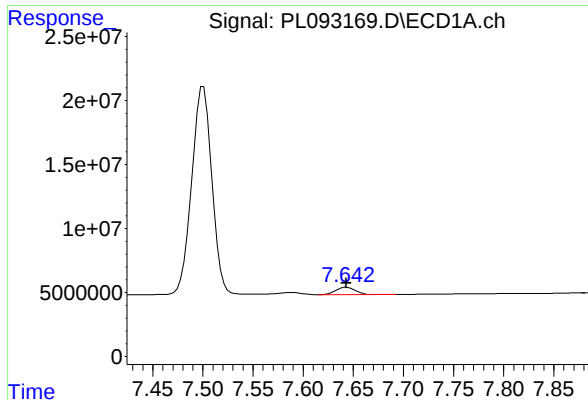
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.001 min
Response: 225939588
Conc: 198.19 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 344726614
Conc: 241.40 ng/ml



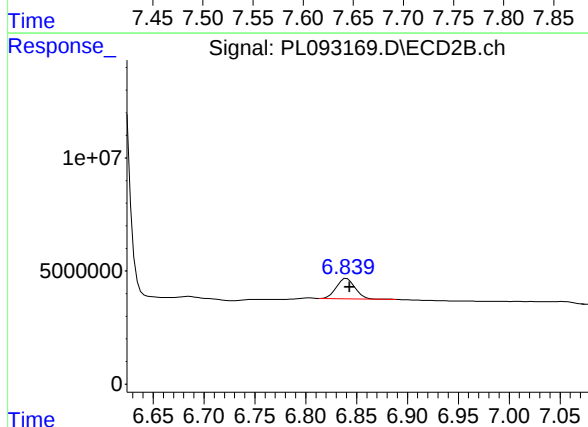
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 7694531
Conc: 3.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

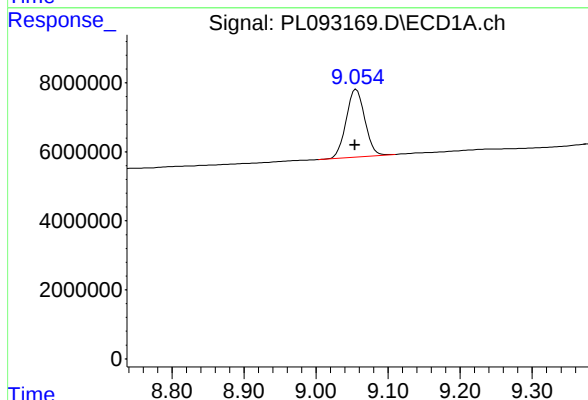
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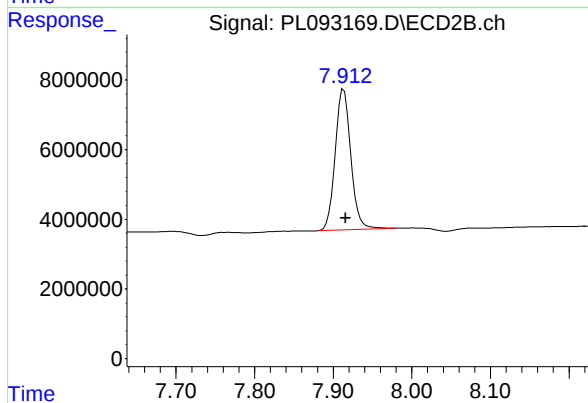
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 11416781
Conc: 3.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 35484525
Conc: 18.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 55836232
Conc: 20.46 ng/ml