

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010625\
 Data File : PL093583.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 11:13
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/07/2025
 Supervised By :Ankita Jodhani 01/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 00:23:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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...	3.537	2.775	53330075	58635708	21.541	20.141
28)	SA Decachlor...	9.056	7.912	42887592	66265934	23.195	22.193
Target Compounds							
2)	A alpha-BHC	3.993	3.277	38875359	41716527	11.260	9.597
3)	MA gamma-BHC...	4.325	3.607	37273144	39526321	11.366	9.368
6)	B beta-BHC	4.524	3.907	16881054	19558486	11.710	10.881
12)	B 4,4'-DDE	6.191	5.231	665320	663066	0.297m	0.180m#
14)	MA Endrin	6.572	5.638	105.8E6	164.3E6	49.173m	49.659
16)	A 4,4'-DDD	6.710	5.786	3892405	4825155	2.217	1.705
17)	MA 4,4'-DDT	7.024	6.036	184.9E6	334.1E6	100.048	110.617
18)	B Endrin al...	6.924	6.112	3144340	6140620	1.772	2.280 #
20)	A Methoxychlor	7.500	6.611	226.3E6	397.2E6	226.359	246.775
21)	B Endrin ke...	7.642	6.840	5907042	8991226	2.633	2.470

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

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Data File : PL093583.D
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Acq On : 06 Jan 2025 11:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

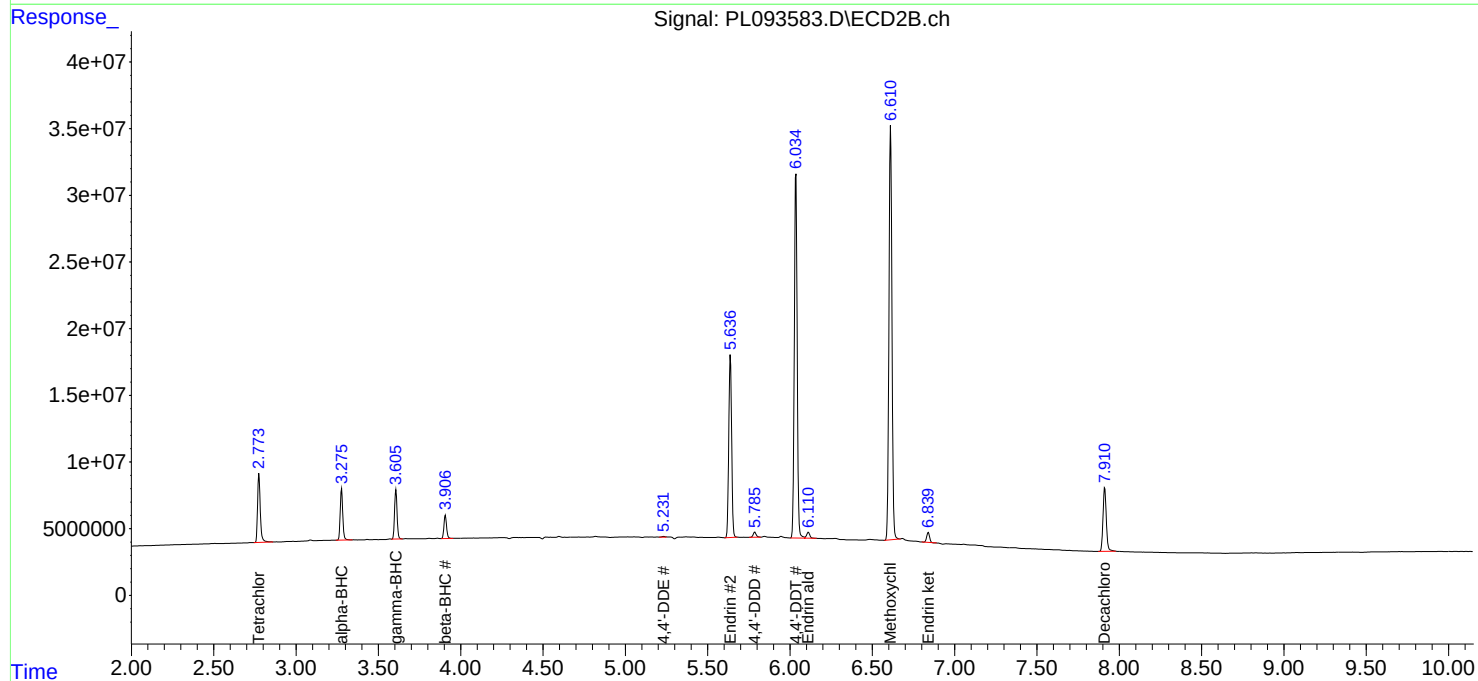
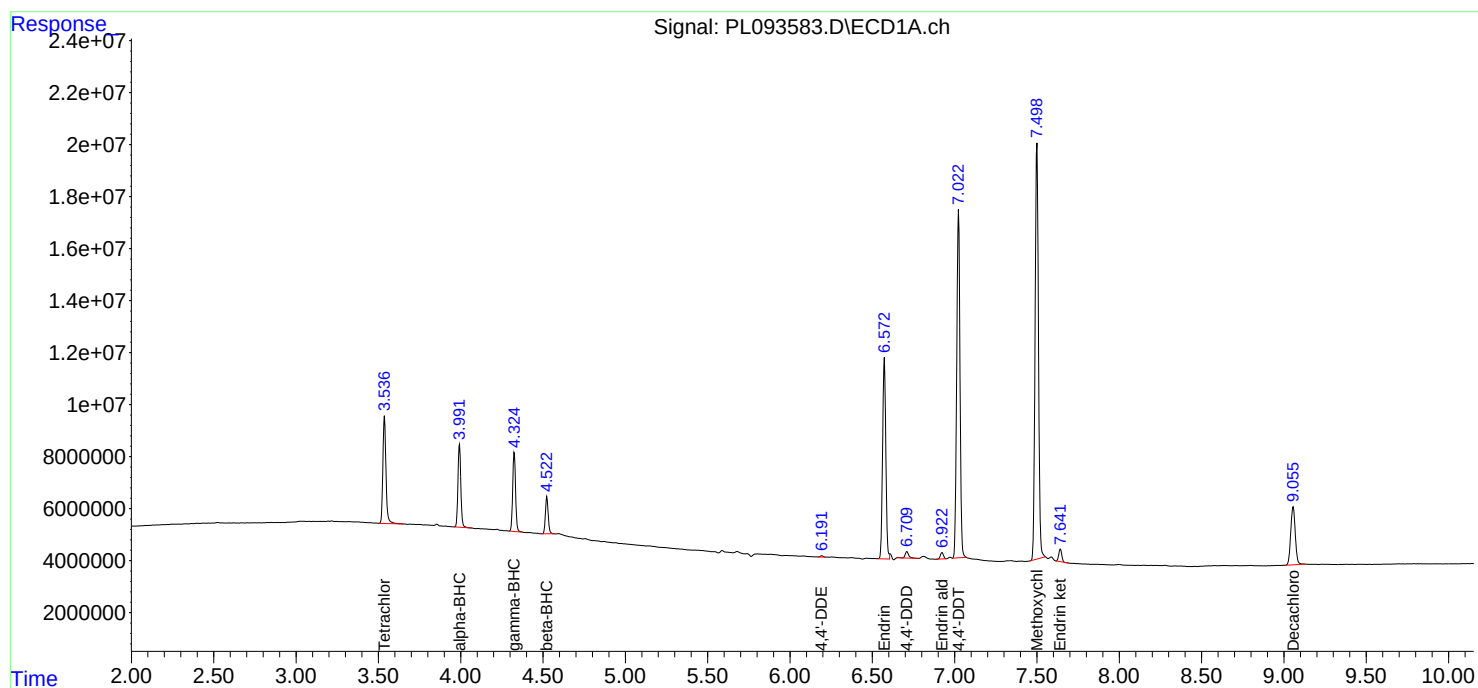
Instrument :
ECD_L
ClientSampleId :
PEM

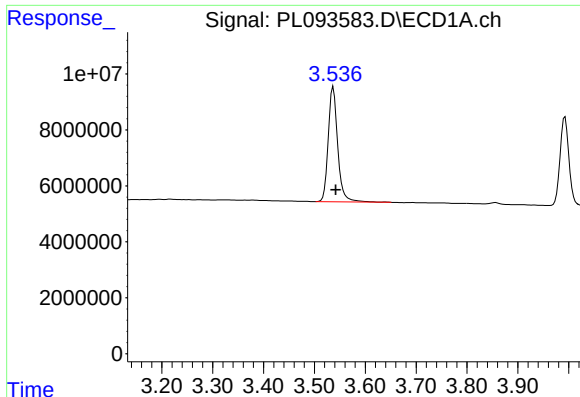
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





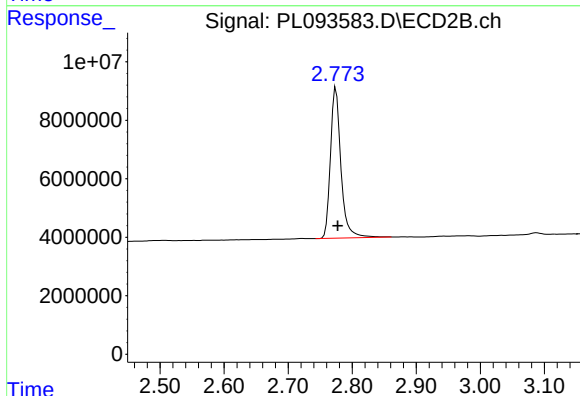
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.005 min
Response: 53330075
Conc: 21.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

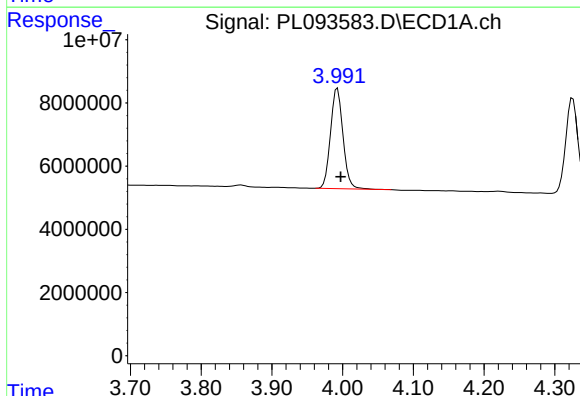
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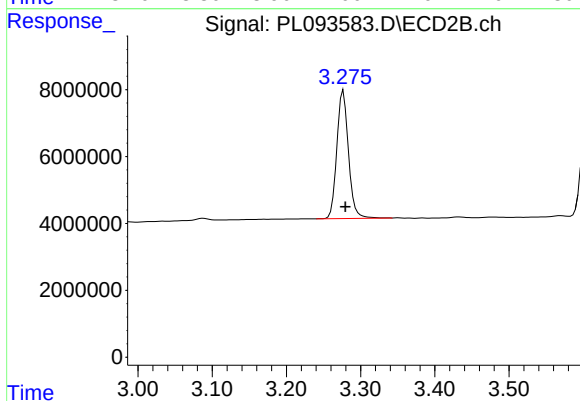
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 58635708
Conc: 20.14 ng/ml



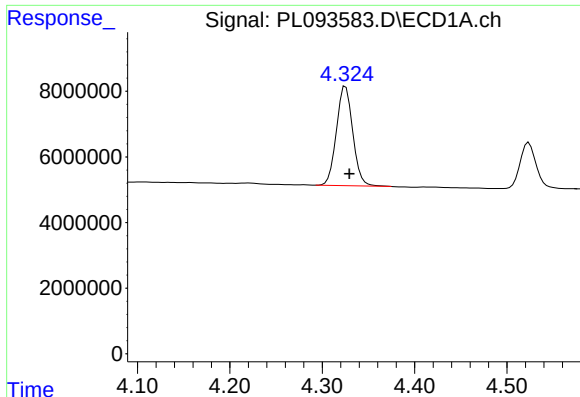
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 38875359
Conc: 11.26 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 41716527
Conc: 9.60 ng/ml



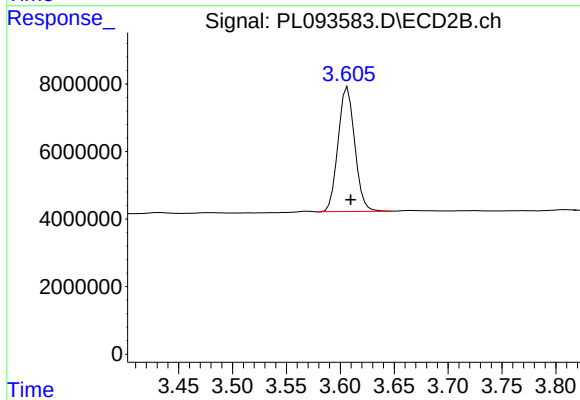
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.004 min
Response: 37273144
Conc: 11.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

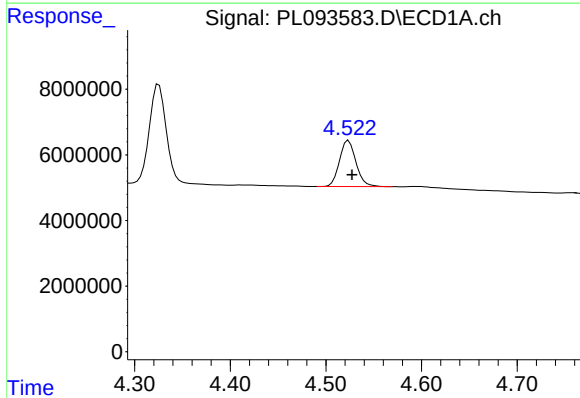
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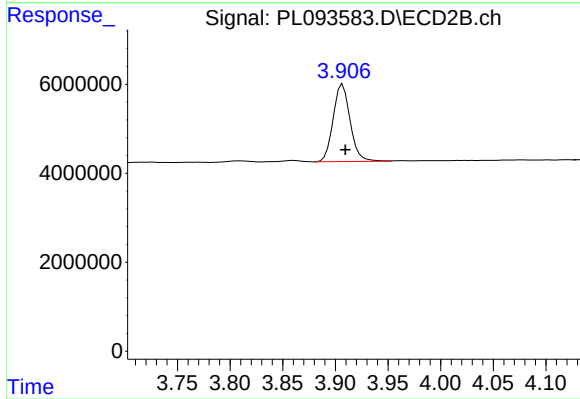
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 39526321
Conc: 9.37 ng/ml



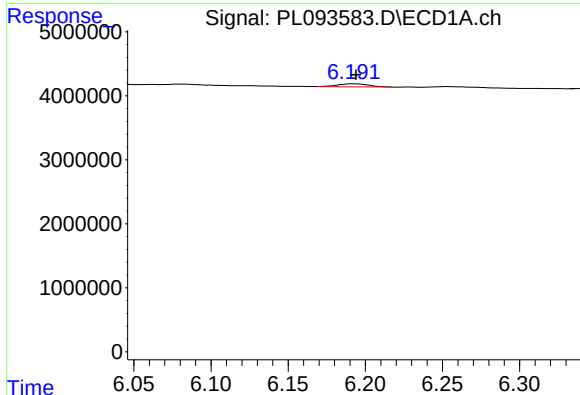
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 16881054
Conc: 11.71 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 19558486
Conc: 10.88 ng/ml



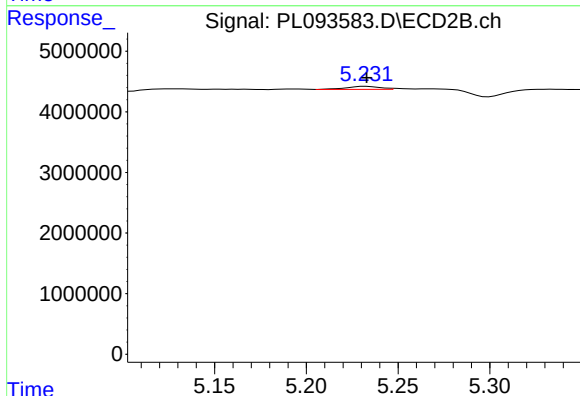
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 665320
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

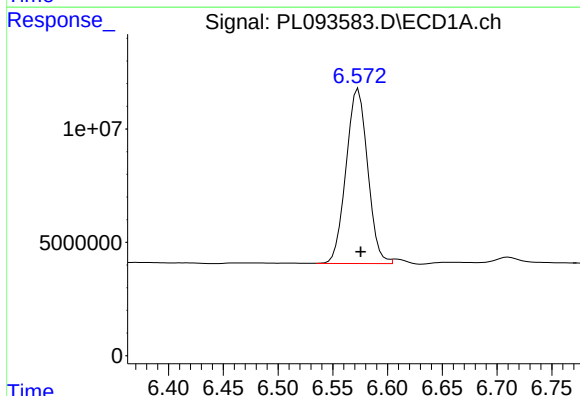
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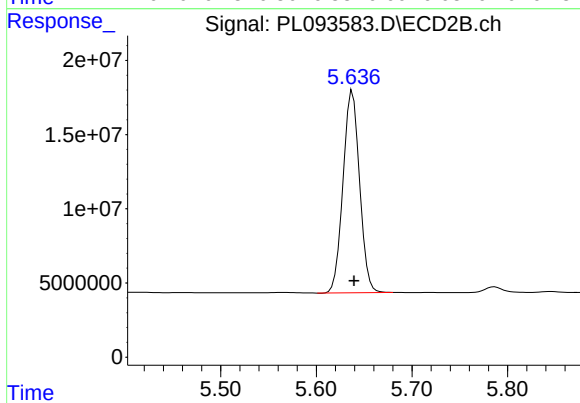
#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 663066
Conc: 0.18 ng/ml m



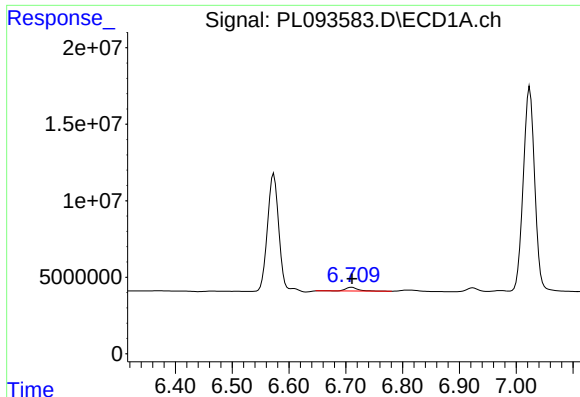
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 105841367
Conc: 49.17 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 164287181
Conc: 49.66 ng/ml



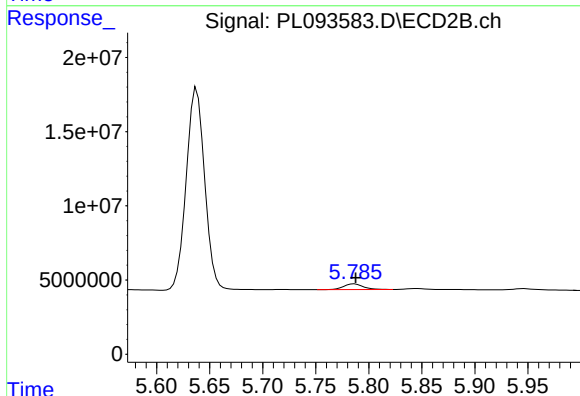
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 3892405
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

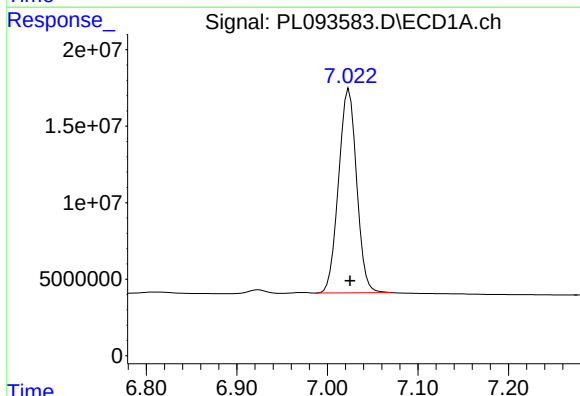
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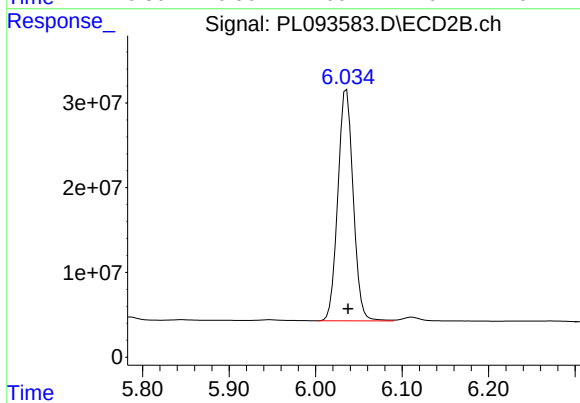
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 4825155
Conc: 1.70 ng/ml



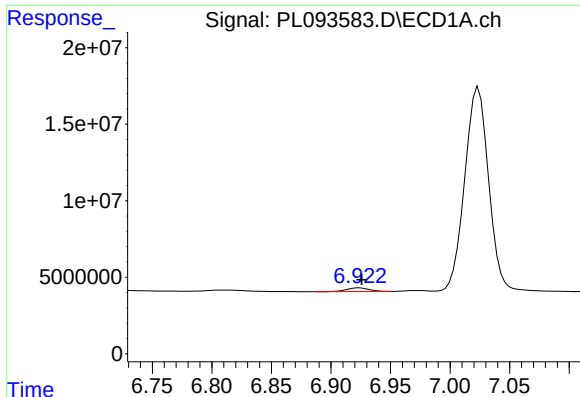
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 184941695
Conc: 100.05 ng/ml



#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 334096334
Conc: 110.62 ng/ml



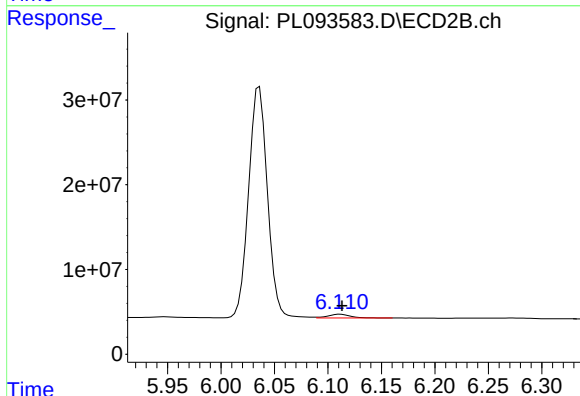
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 3144340
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

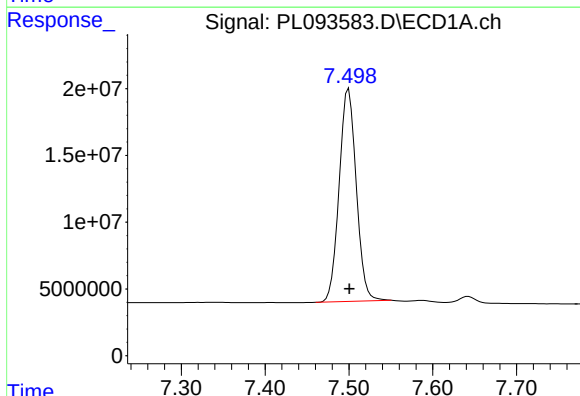
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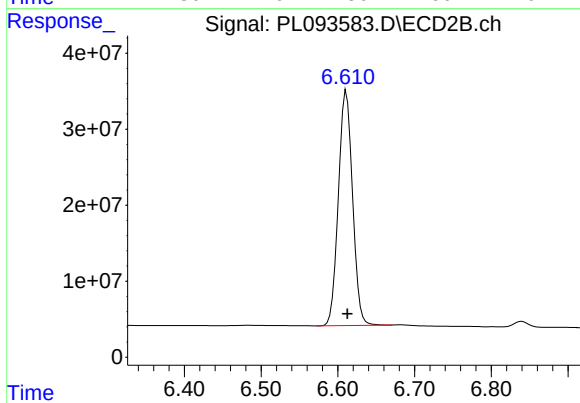
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 6140620
Conc: 2.28 ng/ml



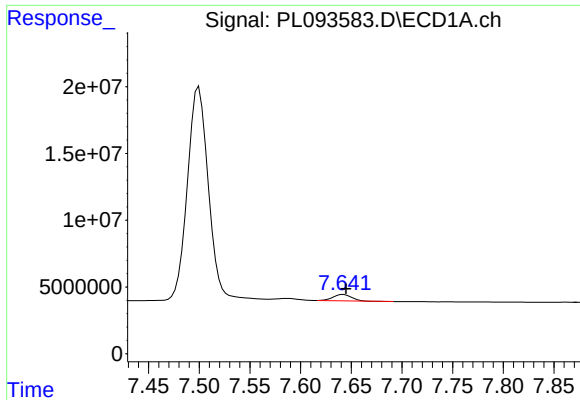
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 226286496
Conc: 226.36 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 397218249
Conc: 246.77 ng/ml



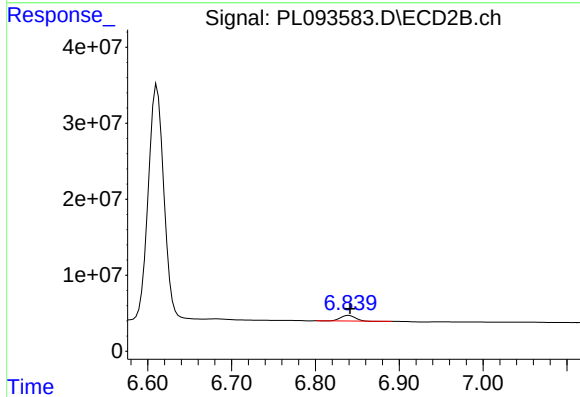
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 5907042
Conc: 2.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

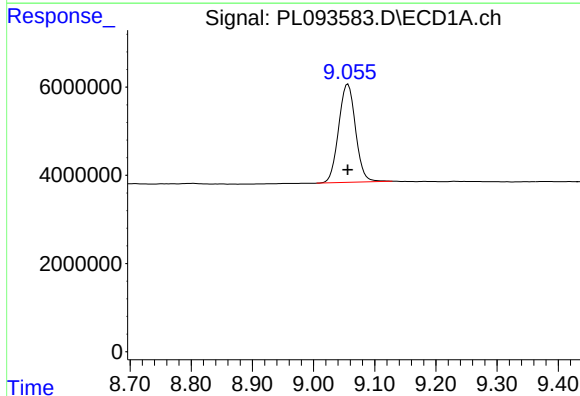
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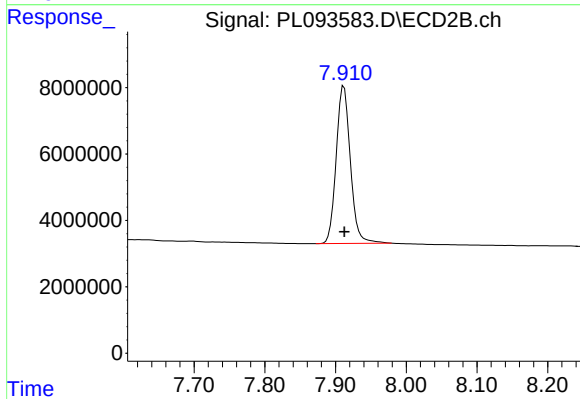
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 8991226
Conc: 2.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 42887592
Conc: 23.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 66265934
Conc: 22.19 ng/ml