

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121924\
 Data File : PL093430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2024 12:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2024
 Supervised By : Ankita Jodhani 12/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 21:50:31 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	2.775	54842103	61485454	21.101	21.319
28)	SA Decachlor...	9.053	7.910	41330076	65058022	23.773	22.776
Target Compounds							
2)	A alpha-BHC	3.994	3.278	40161881	43396898	11.255	10.165
3)	MA gamma-BHC...	4.326	3.608	37454421	40363627	11.086	9.750
6)	B beta-BHC	4.525	3.907	17591975	19888349	11.652	11.180
12)	B 4,4'-DDE	6.189	5.228	209046	283194	0.089m	0.079m
14)	MA Endrin	6.572	5.638	100.6E6	164.0E6	47.955m	51.413
16)	A 4,4'-DDD	6.708	5.786	4059504	5221303	2.216m	1.862
17)	MA 4,4'-DDT	7.023	6.036	185.7E6	334.9E6	96.311	113.090
18)	B Endrin al...	6.923	6.111	3411811	5884876	1.889	2.244
20)	A Methoxychlor	7.499	6.609	232.8E6	395.2E6	222.822	258.803m
21)	B Endrin ke...	7.642	6.839	6826061	10256240	3.008	3.055

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

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Acq On : 19 Dec 2024 12:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

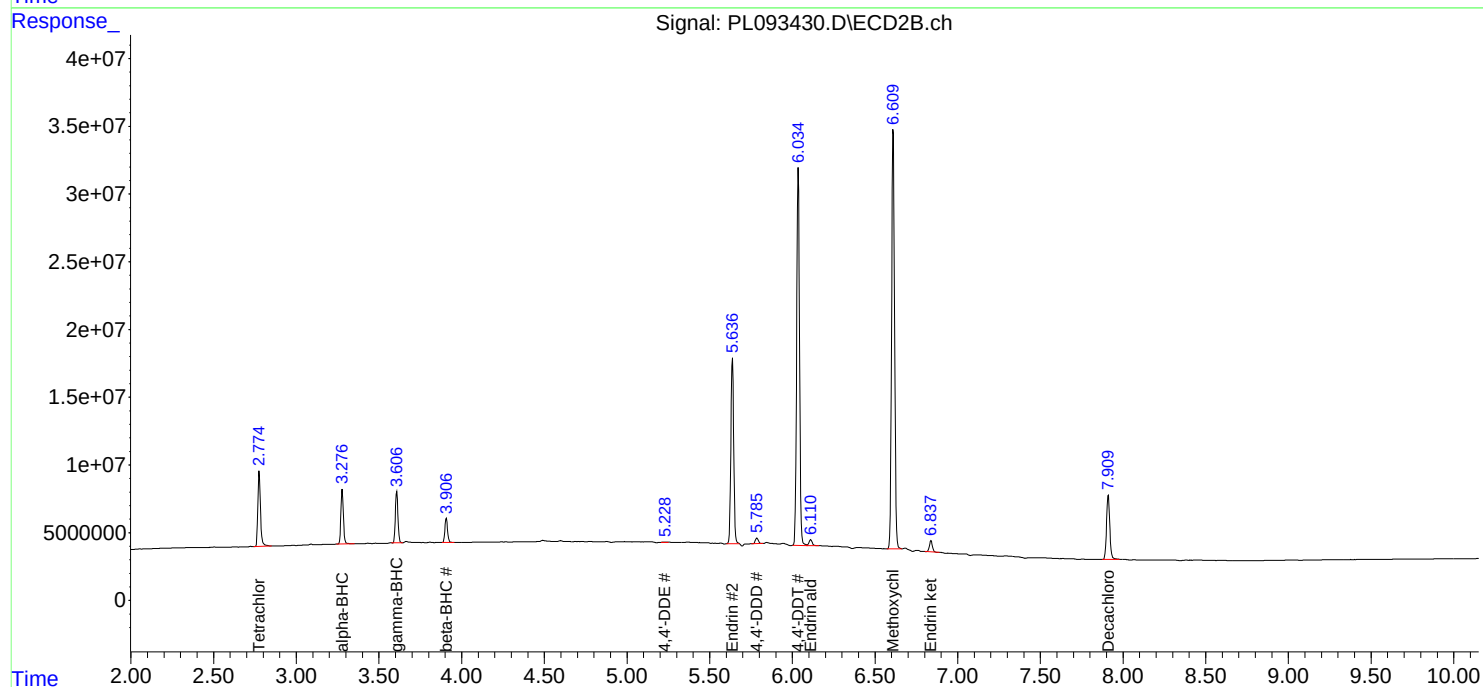
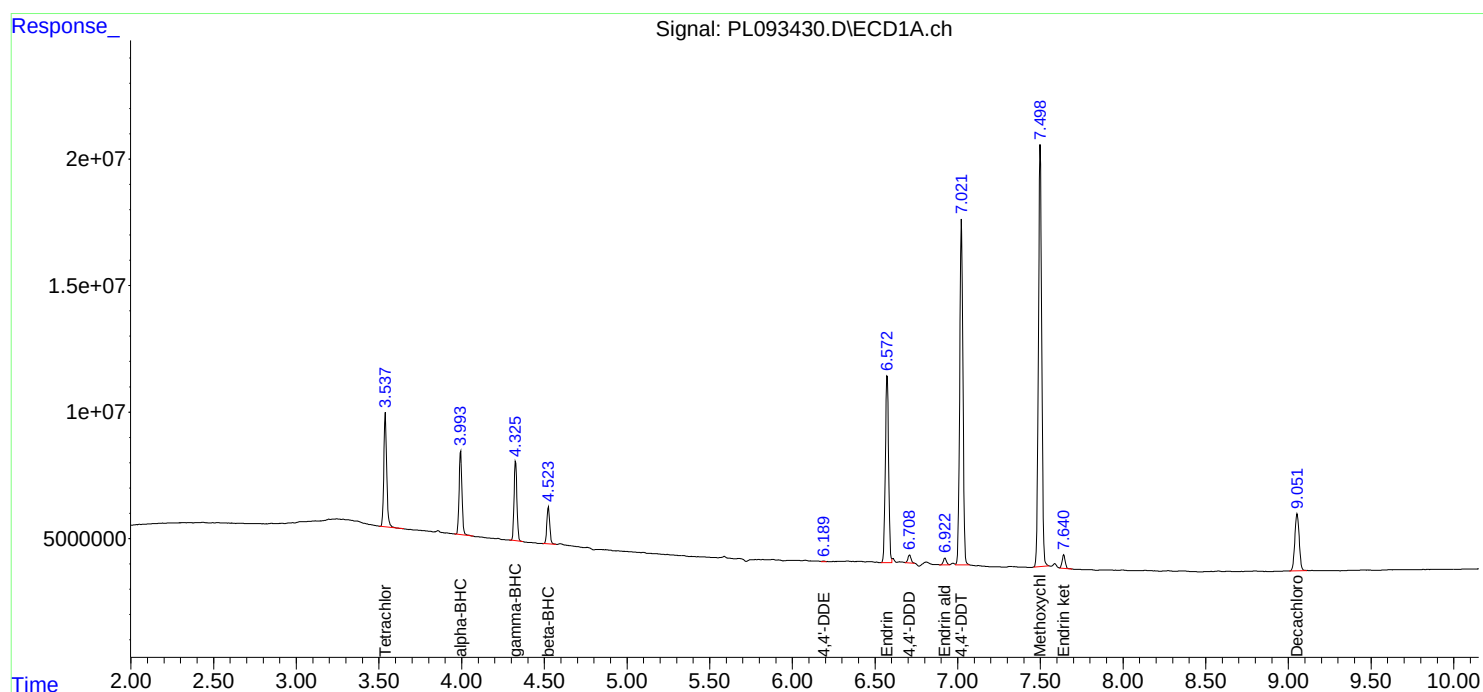
Instrument :
ECD_L
ClientSampleId :
PEM

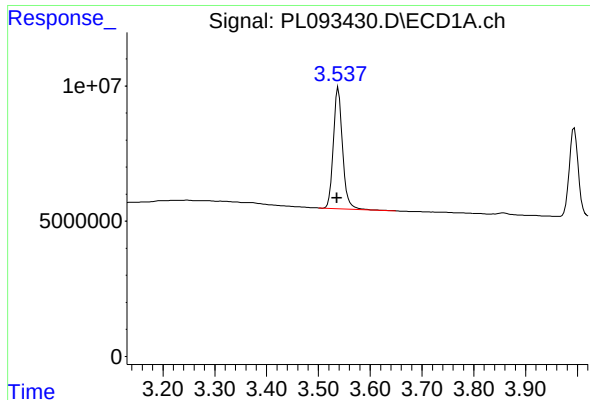
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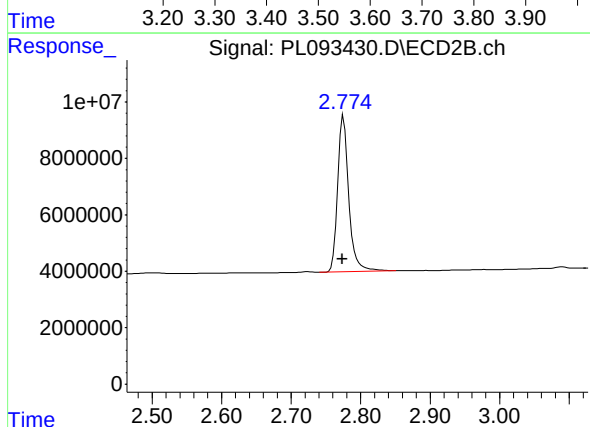
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.003 min
Response: 54842103
Conc: 21.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

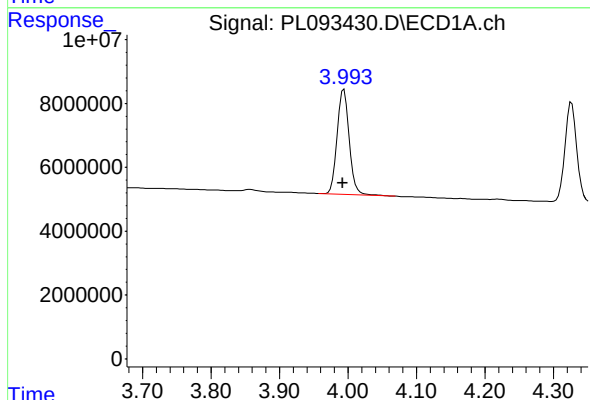
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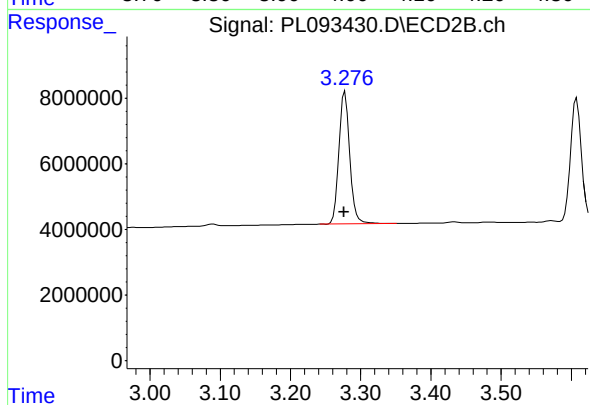
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.002 min
Response: 61485454
Conc: 21.32 ng/ml



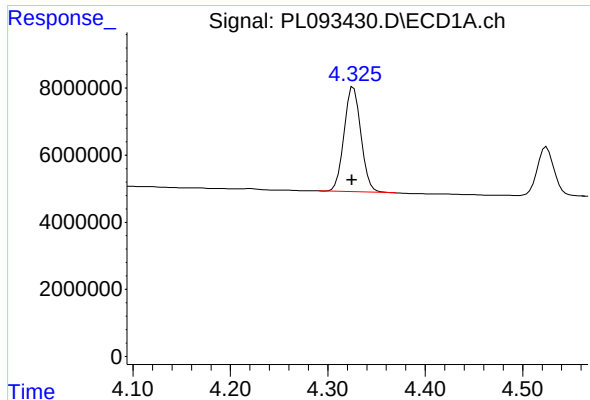
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 40161881
Conc: 11.25 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.001 min
Response: 43396898
Conc: 10.16 ng/ml



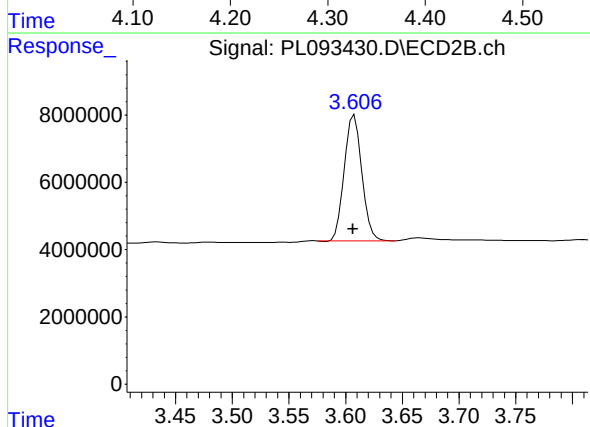
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 37454421
Conc: 11.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

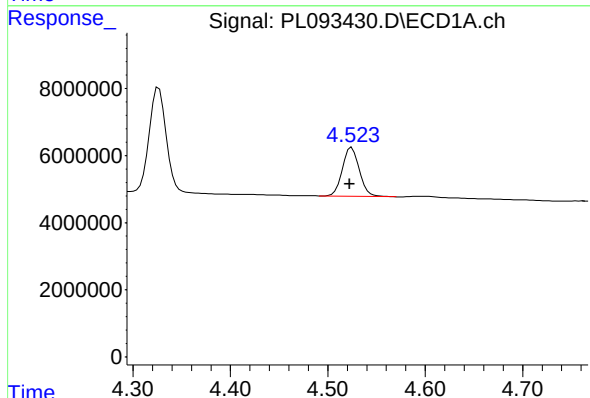
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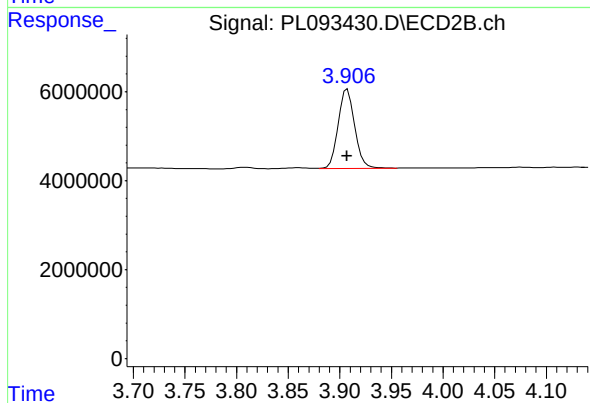
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.001 min
Response: 40363627
Conc: 9.75 ng/ml



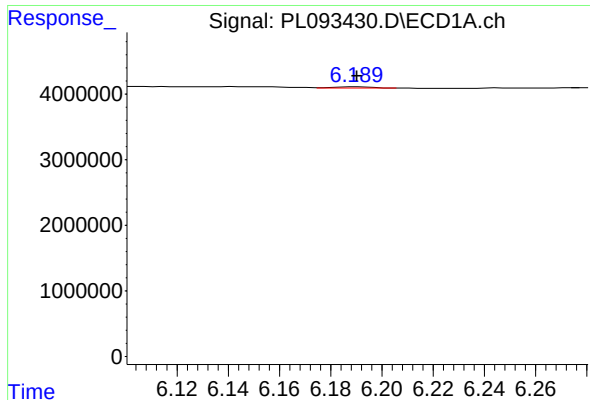
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 17591975
Conc: 11.65 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 19888349
Conc: 11.18 ng/ml



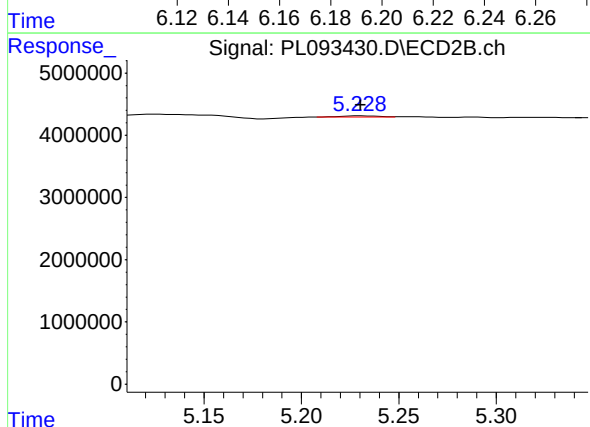
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 209046
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

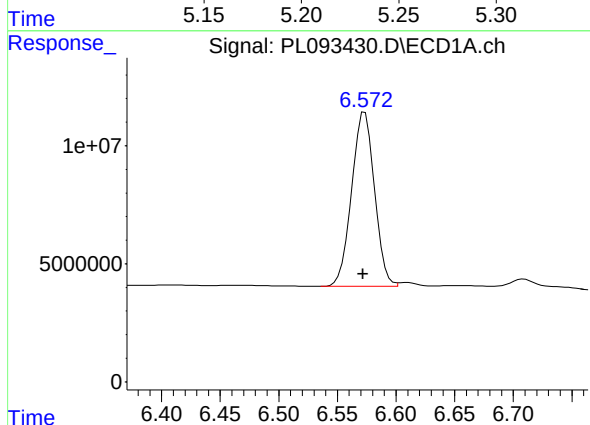
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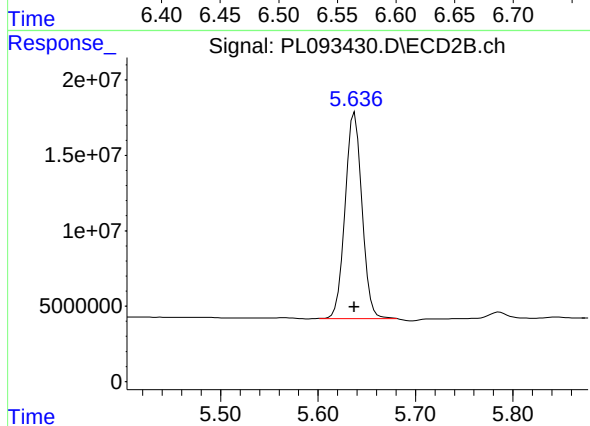
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 283194
Conc: 0.08 ng/ml



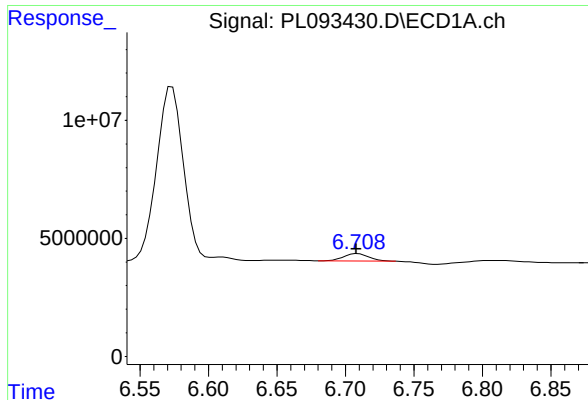
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 100584534
Conc: 47.95 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 163967884
Conc: 51.41 ng/ml



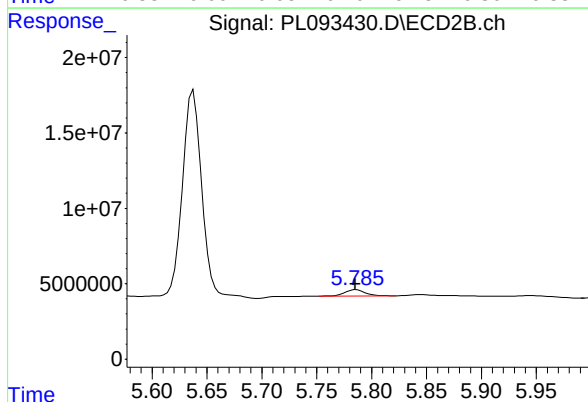
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 4059504
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

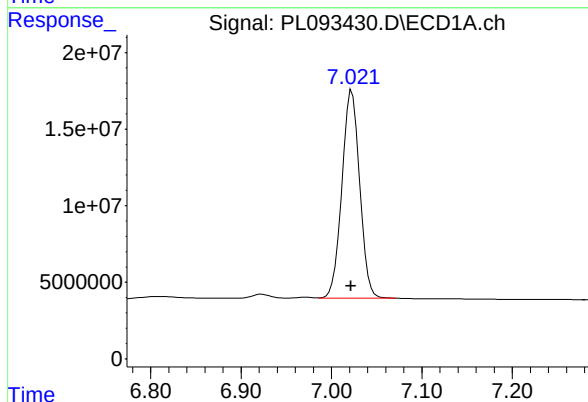
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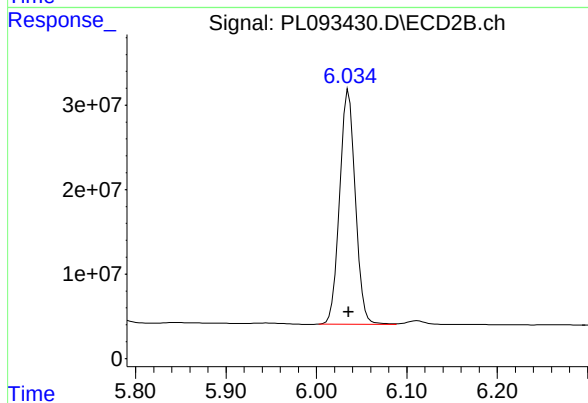
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 5221303
Conc: 1.86 ng/ml



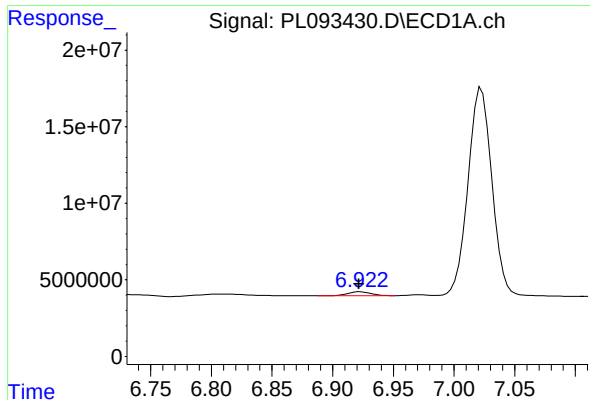
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 185670848
Conc: 96.31 ng/ml



#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 334947583
Conc: 113.09 ng/ml



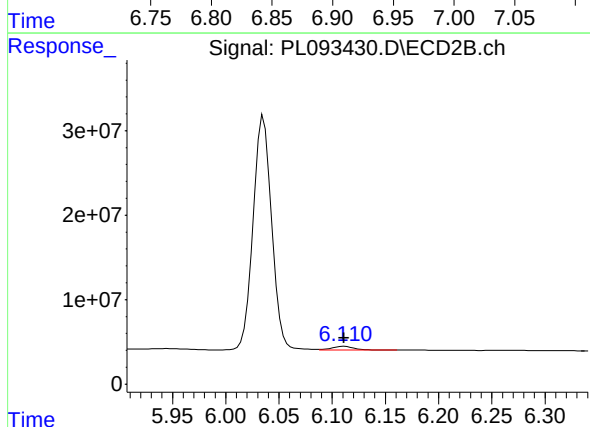
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.001 min
Response: 3411811
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

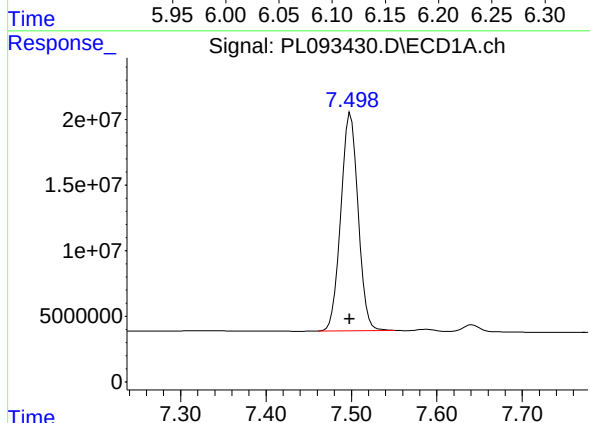
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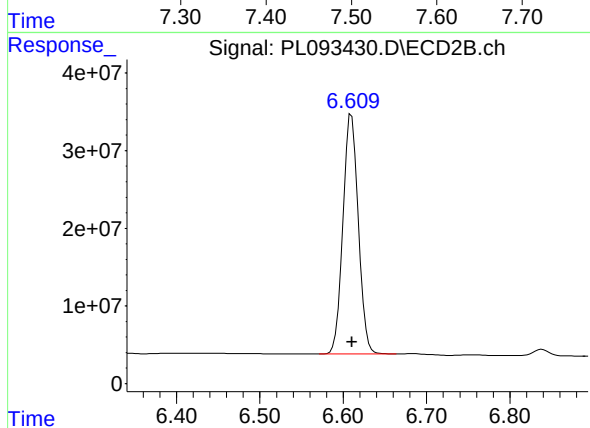
#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 5884876
Conc: 2.24 ng/ml



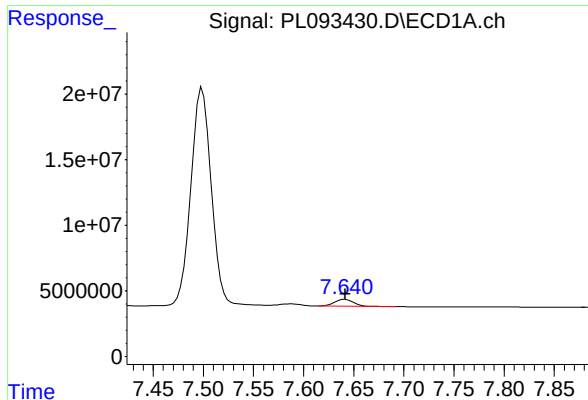
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 232821995
Conc: 222.82 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: -0.002 min
Response: 395176303
Conc: 258.80 ng/ml m



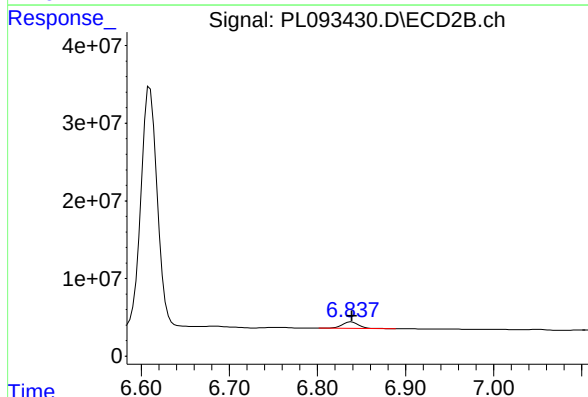
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 6826061
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

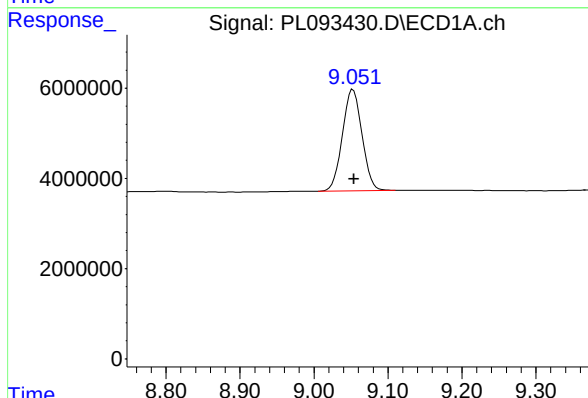
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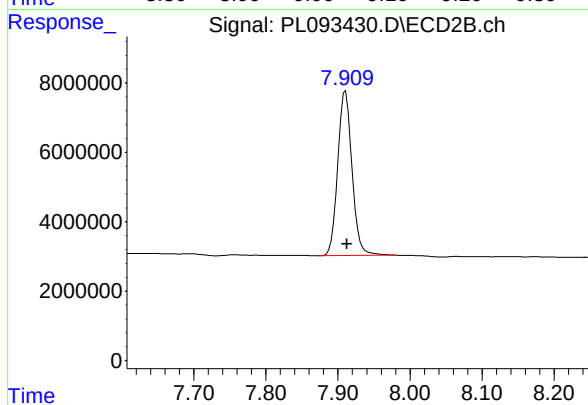
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 10256240
Conc: 3.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.001 min
Response: 41330076
Conc: 23.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: -0.002 min
Response: 65058022
Conc: 22.78 ng/ml