

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
 Data File : PL093482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2024 12:47
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations APPROVED

Reviewed By :Abdul
 Mirza

12/26/2024

Supervised By :Ankita
 Jodhani

12/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 15:31:17 2024
 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...	3.541	2.777	47536002	54294452	19.201	18.650
28)	SA Decachlor...	9.054	7.912	35989086	55472119	19.464	18.578
Target Compounds							
2)	A alpha-BHC	3.997	3.280	34176583	38465322	9.899	8.849
3)	MA gamma-BHC...	4.329	3.609	31887544	35771899	9.724	8.478
6)	B beta-BHC	4.528	3.910	14127284	17662036	9.800	9.826
12)	B 4,4'-DDE	6.193	5.233	707104	399389	0.315m	0.109m#
14)	MA Endrin	6.575	5.639	91814867	146.7E6	42.656	44.355
16)	A 4,4'-DDD	6.712	5.788	2168081	3587757	1.235	1.268
17)	MA 4,4'-DDT	7.025	6.038	158.0E6	299.5E6	85.448	99.158
18)	B Endrin al...	6.925	6.113	2485458	5257887	1.401	1.952 #
20)	A Methoxychlor	7.501	6.612	195.9E6	352.8E6	195.970	219.193
21)	B Endrin ke...	7.643	6.839	4824418	7953250	2.150	2.185m

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

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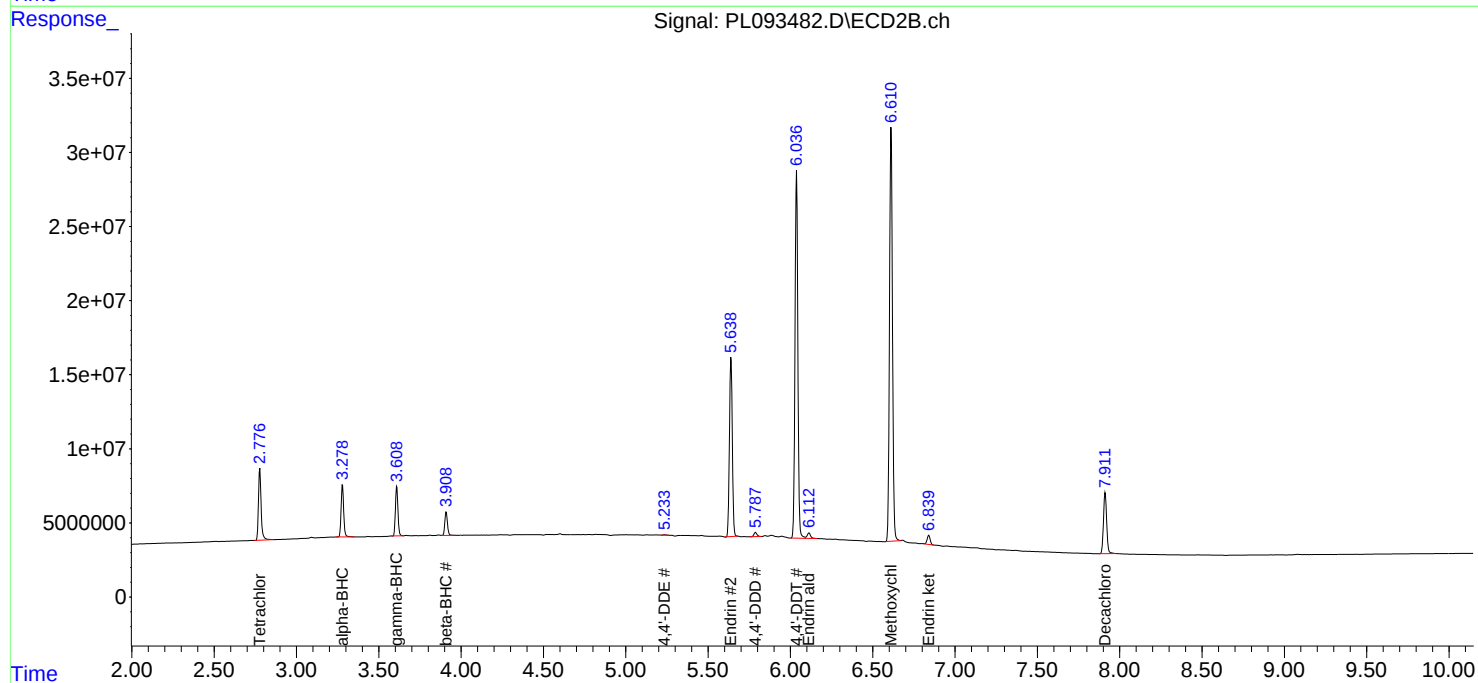
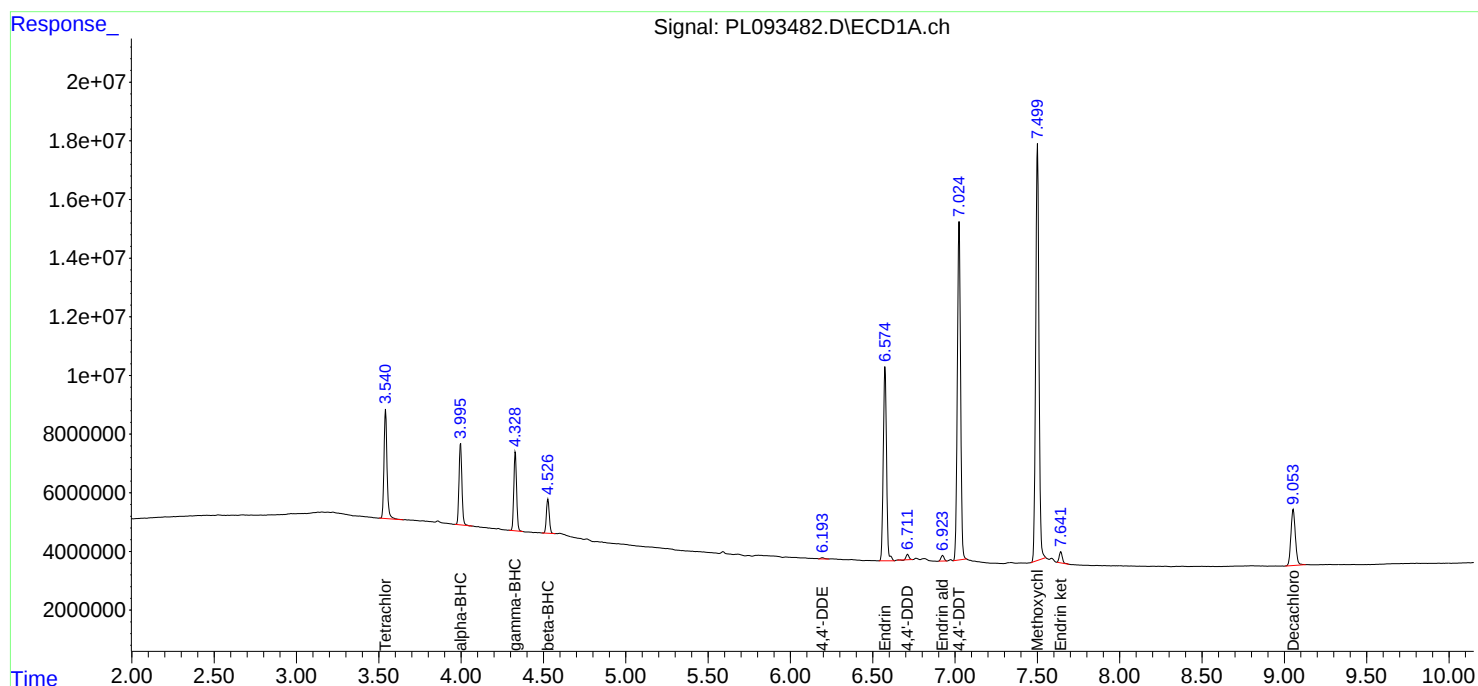
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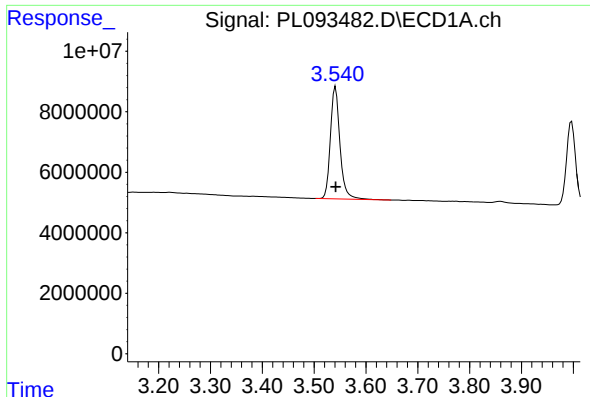
Supervised By :Ankita
Jodhani

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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.: 3.541 min
Delta R.T.: 0.000 min
Response: 47536002
Conc: 19.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

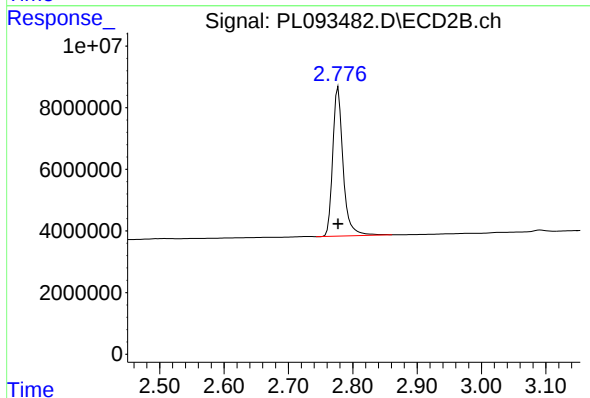
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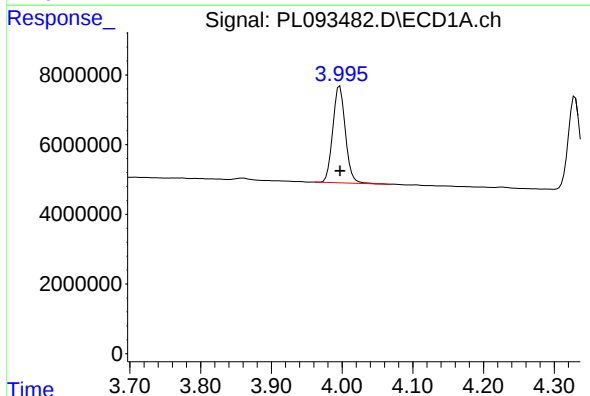
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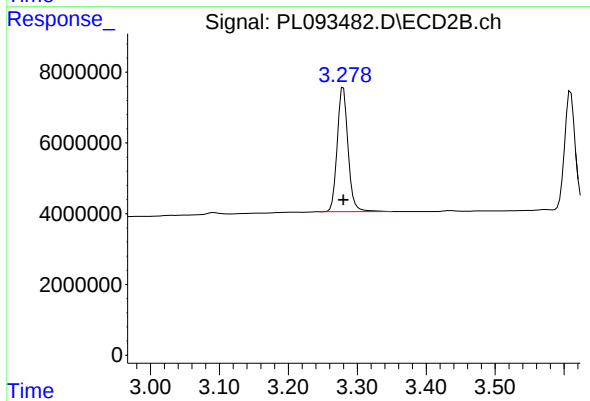
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 54294452
Conc: 18.65 ng/ml



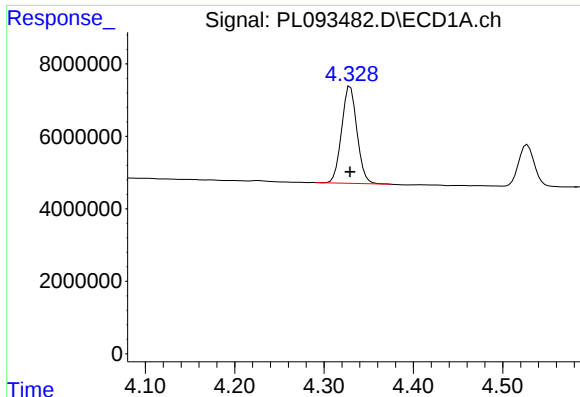
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 34176583
Conc: 9.90 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 38465322
Conc: 8.85 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 31887544
Conc: 9.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

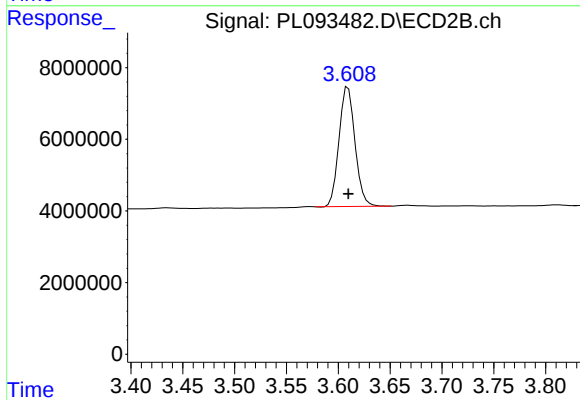
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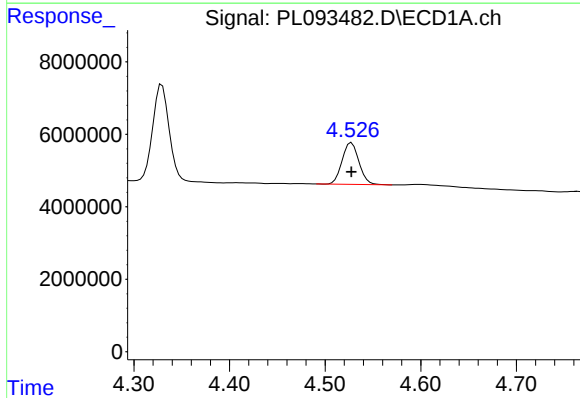
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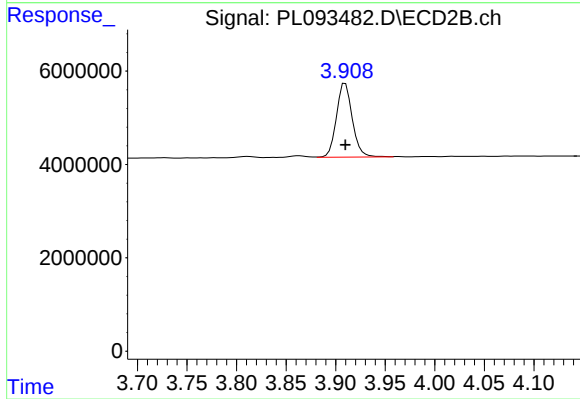
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.000 min
Response: 35771899
Conc: 8.48 ng/ml



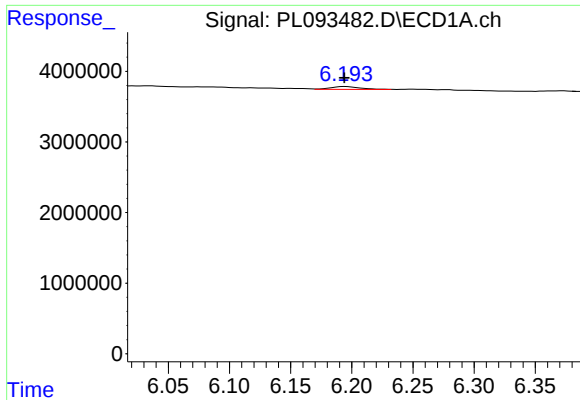
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 14127284
Conc: 9.80 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 17662036
Conc: 9.83 ng/ml



#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 707104
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

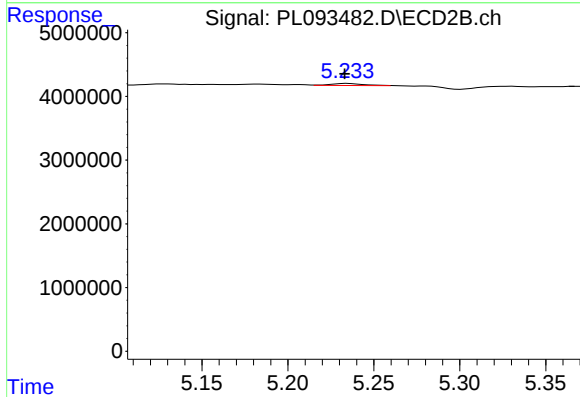
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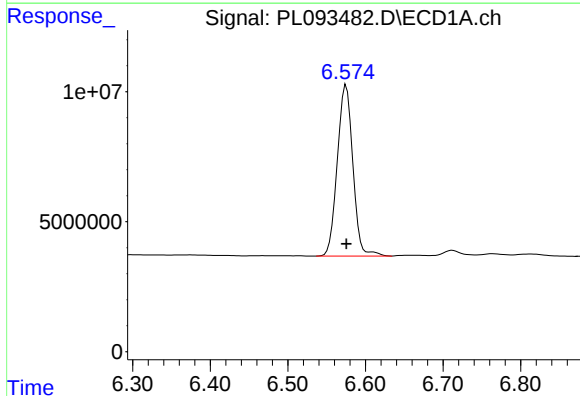
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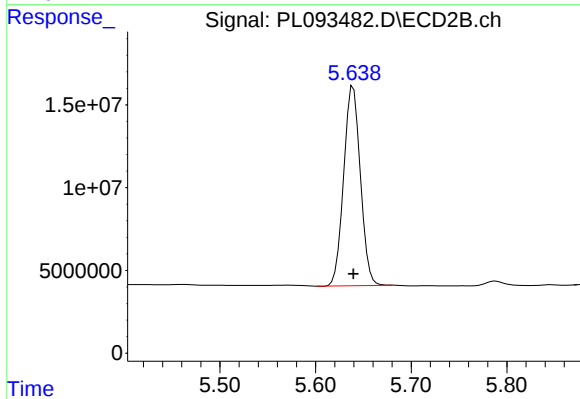
#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 399389
Conc: 0.11 ng/ml m



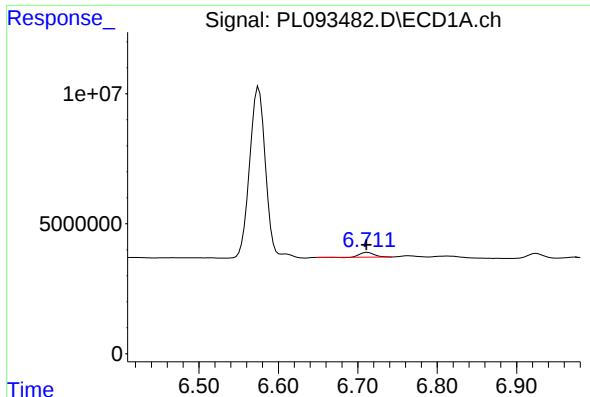
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 91814867
Conc: 42.66 ng/ml



#14 Endrin

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 146742127
Conc: 44.36 ng/ml



#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.001 min
Response: 2168081
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

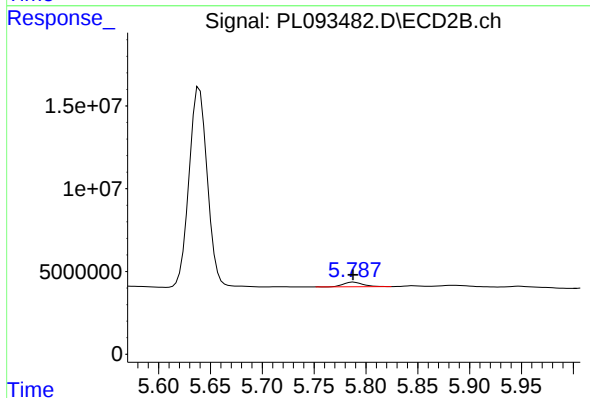
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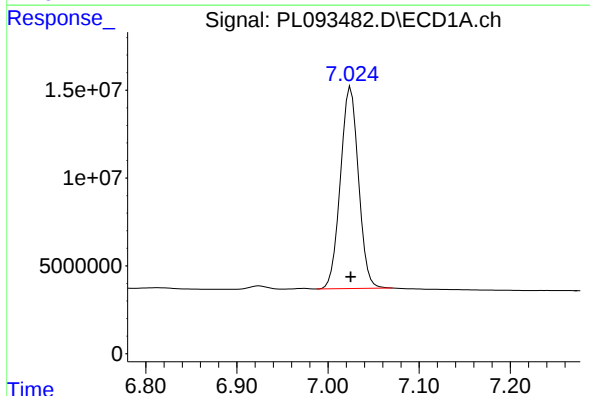
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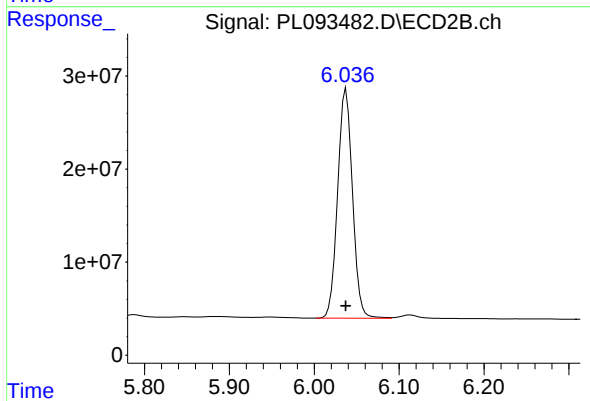
#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 3587757
Conc: 1.27 ng/ml



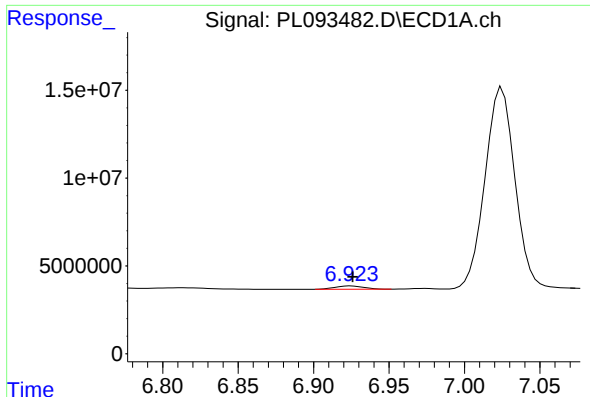
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 157953498
Conc: 85.45 ng/ml



#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 299487884
Conc: 99.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.001 min
Response: 2485458
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

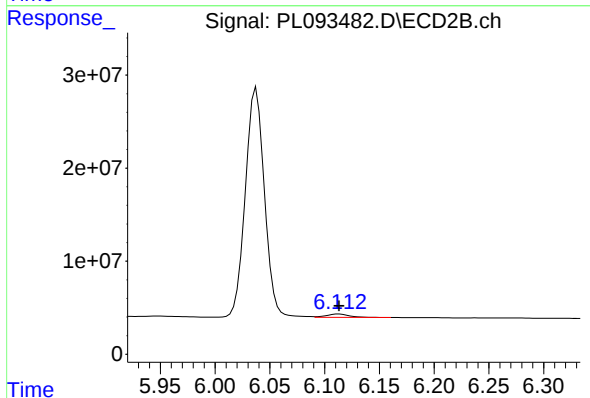
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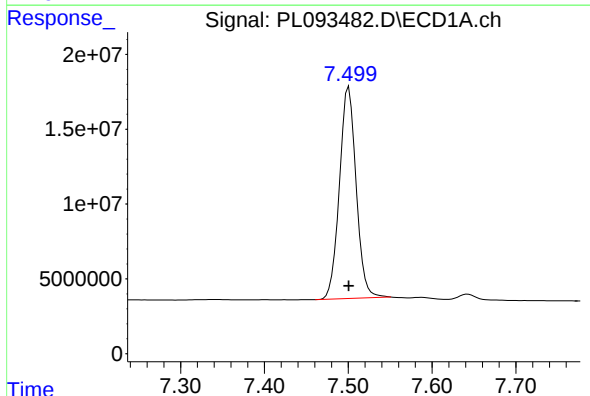
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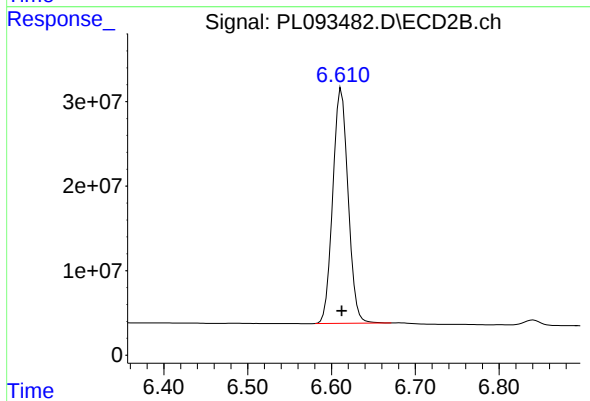
#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 5257887
Conc: 1.95 ng/ml



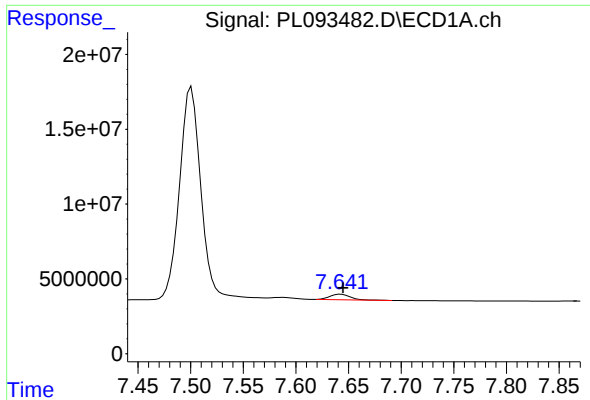
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 195906432
Conc: 195.97 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 352820920
Conc: 219.19 ng/ml



#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 4824418
Conc: 2.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

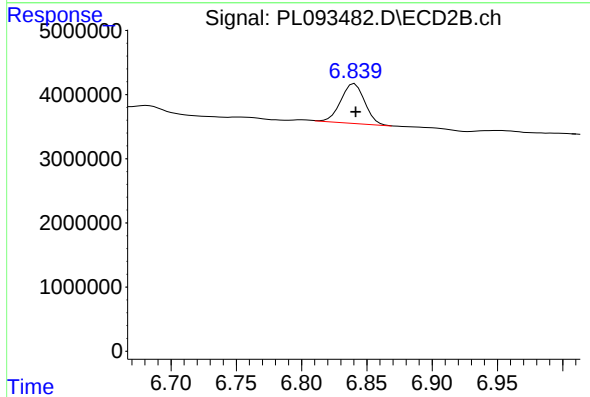
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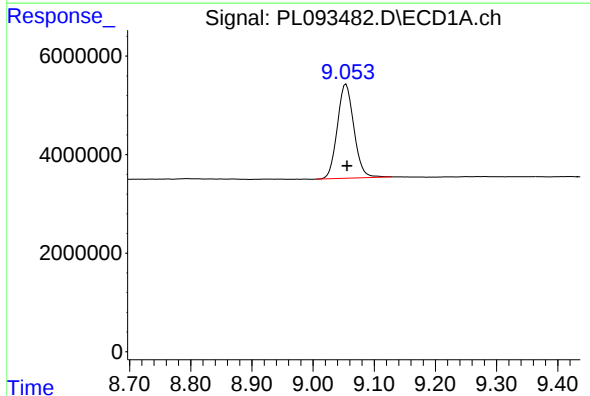
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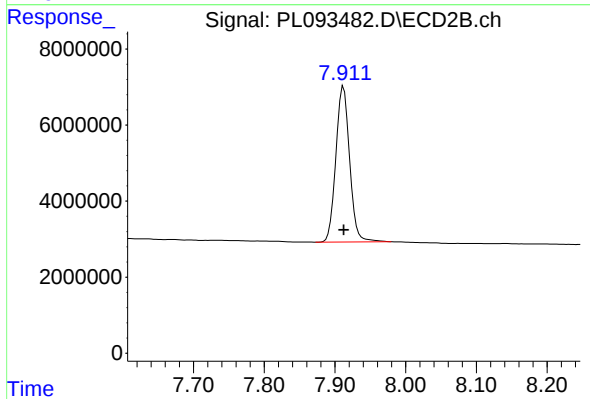
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 7953250
Conc: 2.18 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.002 min
Response: 35989086
Conc: 19.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 55472119
Conc: 18.58 ng/ml