

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091824\
 Data File : PL091835.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2024 21:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/19/2024
 Supervised By : Ankita Jodhani 09/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 01:54:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 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...	3.542	2.780	37370086	43000569	23.977	22.991
28)	SA Decachlor...	9.059	7.923	29097369	44405693	23.942	24.048
Target Compounds							
2)	A alpha-BHC	3.997	3.284	26134805	28300025	12.100	10.641
3)	MA gamma-BHC...	4.330	3.614	25551796	26589319	12.430	10.811
6)	B beta-BHC	4.527	3.914	11794562	13543136	12.961	12.397
12)	B 4,4'-DDE	6.194	5.245	272196	521937	0.187m	0.275 #
14)	MA Endrin	6.578	5.647	74488237	100.2E6	56.019	53.089
16)	A 4,4'-DDD	6.713	5.795	6350323	6927743	5.010	4.134
17)	MA 4,4'-DDT	7.027	6.045	147.9E6	199.5E6	112.758	124.165
18)	B Endrin al...	6.925	6.121	2821481	3408680	2.375m	2.493
20)	A Methoxychlor	7.503	6.621	200.2E6	264.4E6	295.888	298.498
21)	B Endrin ke...	7.644	6.849	6113689	7891143	3.954m	3.923

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

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Acq On : 18 Sep 2024 21:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

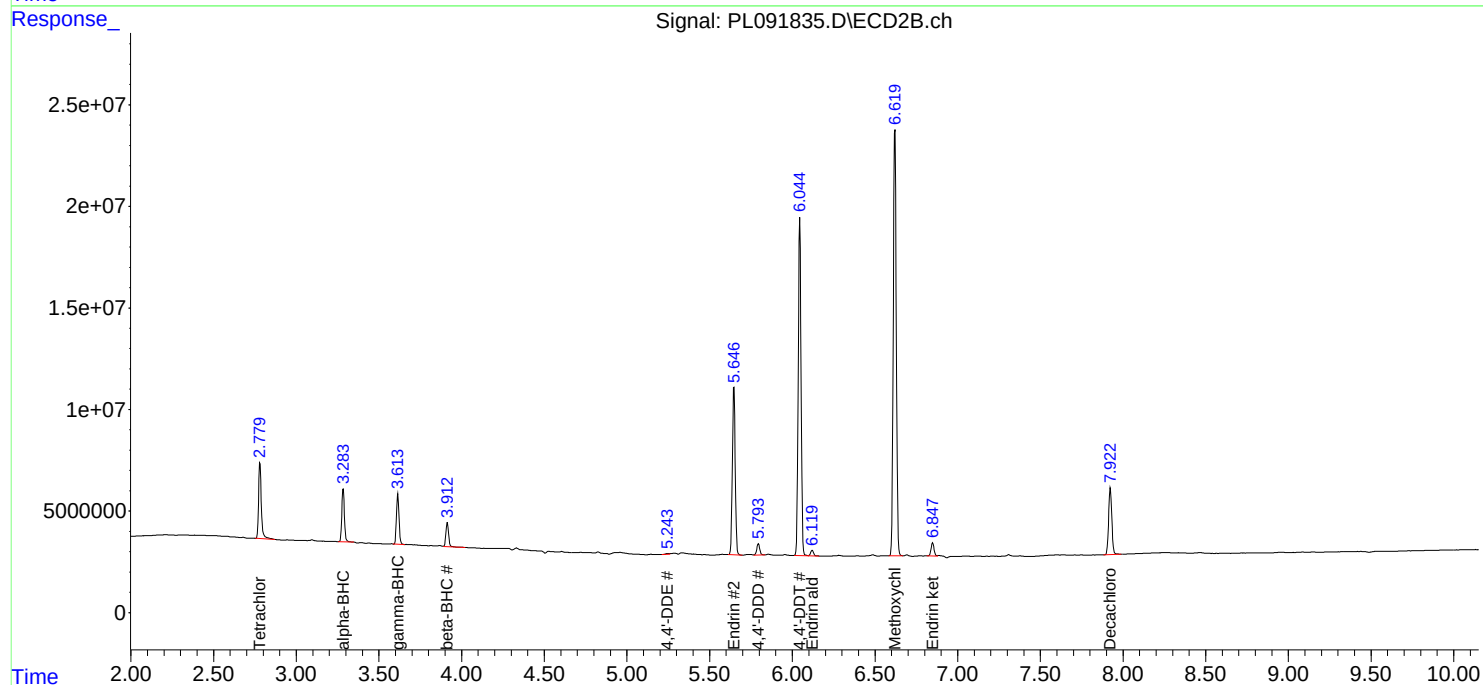
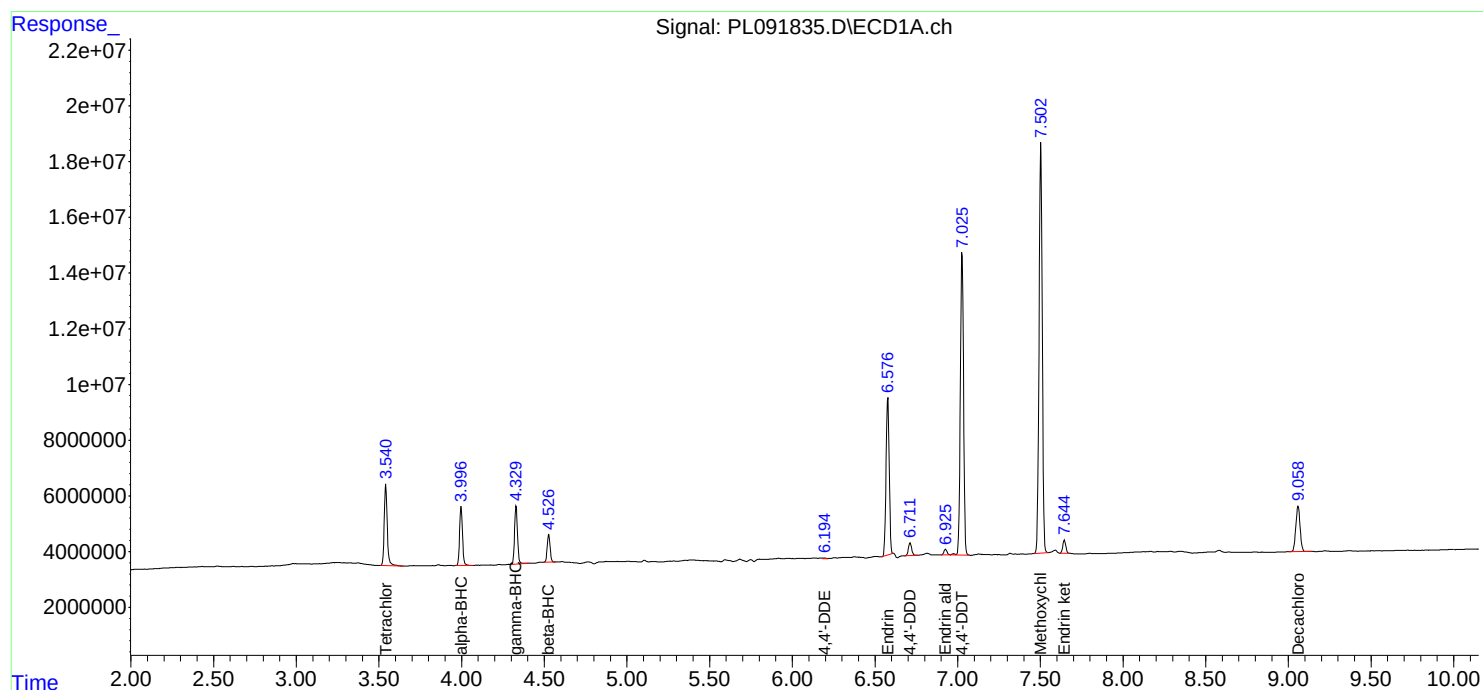
Instrument :
ECD_L
ClientSampleId :
PEM

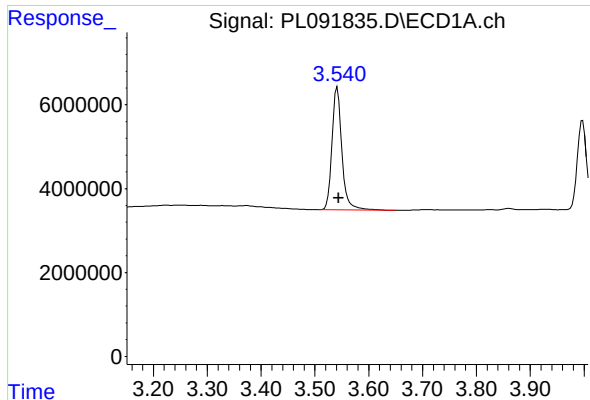
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
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Volume Inj. : 1 µl
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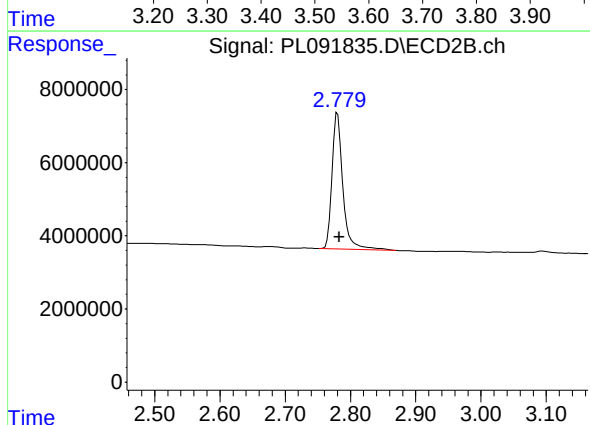
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 37370086
Conc: 23.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

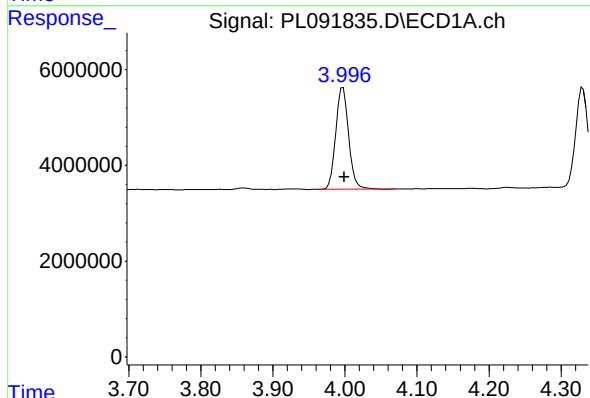
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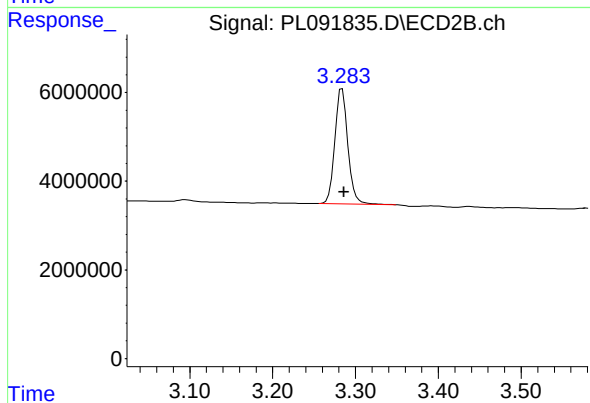
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 43000569
Conc: 22.99 ng/ml



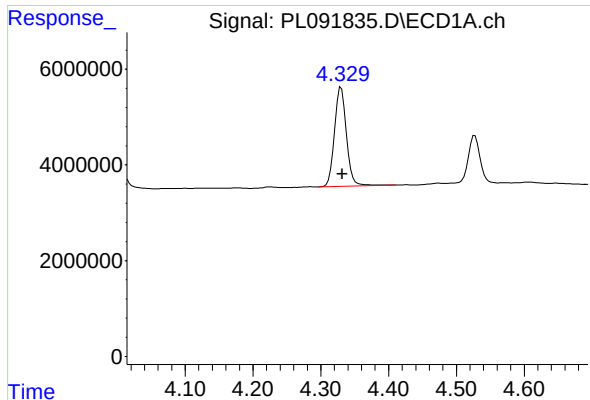
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 26134805
Conc: 12.10 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 28300025
Conc: 10.64 ng/ml



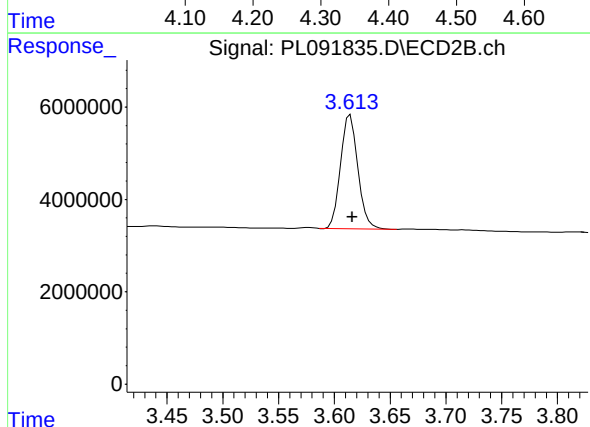
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 25551796
Conc: 12.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

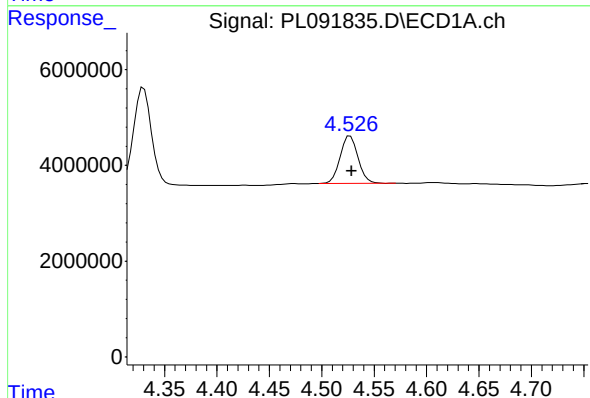
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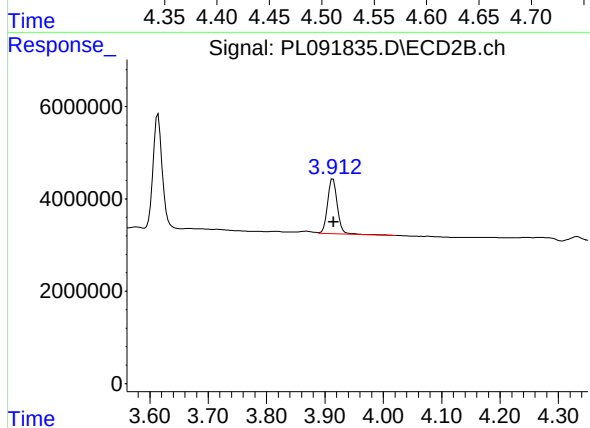
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 26589319
Conc: 10.81 ng/ml



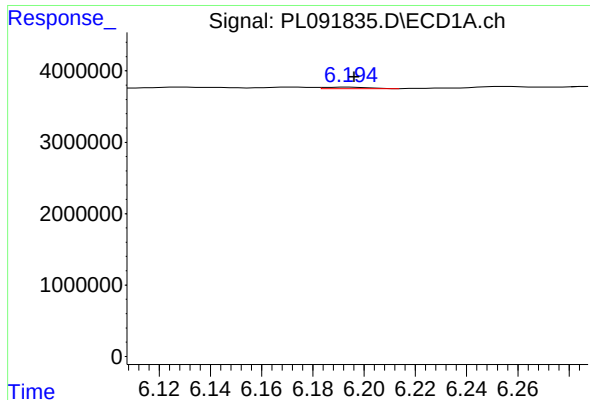
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 11794562
Conc: 12.96 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.002 min
Response: 13543136
Conc: 12.40 ng/ml



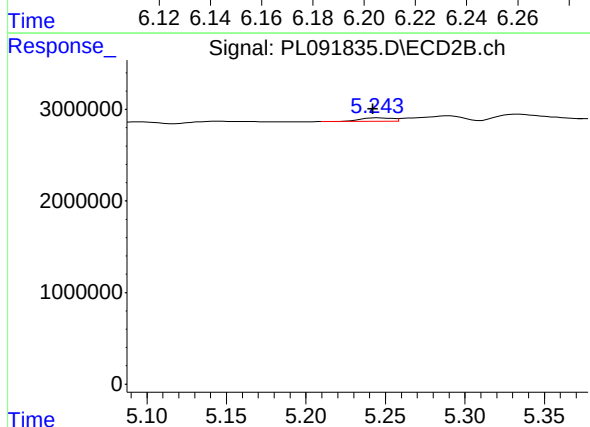
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 272196
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

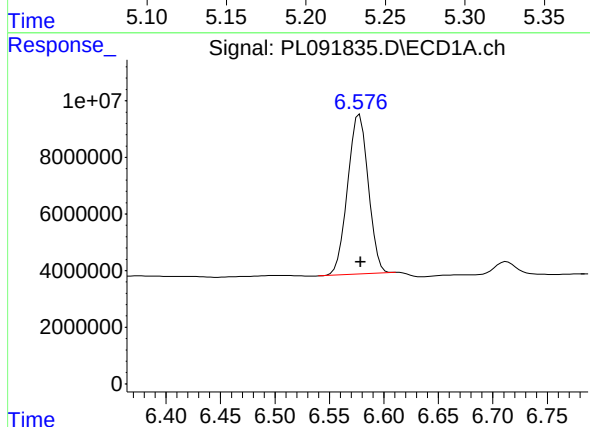
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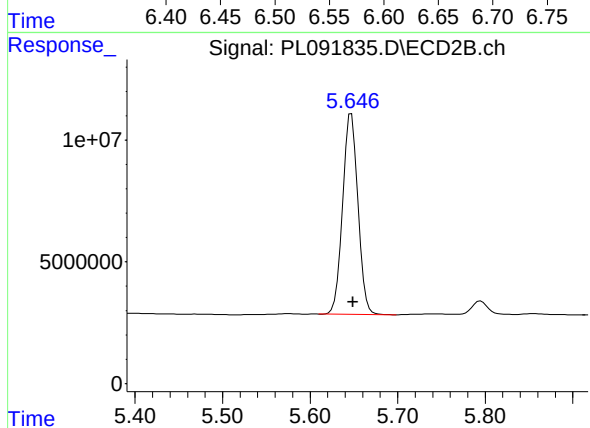
#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: 0.003 min
Response: 521937
Conc: 0.28 ng/ml



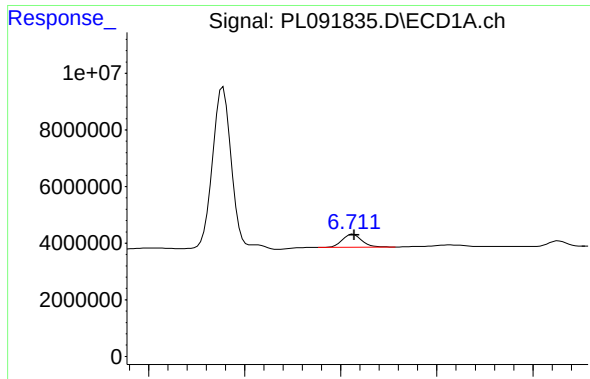
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 74488237
Conc: 56.02 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 100189945
Conc: 53.09 ng/ml



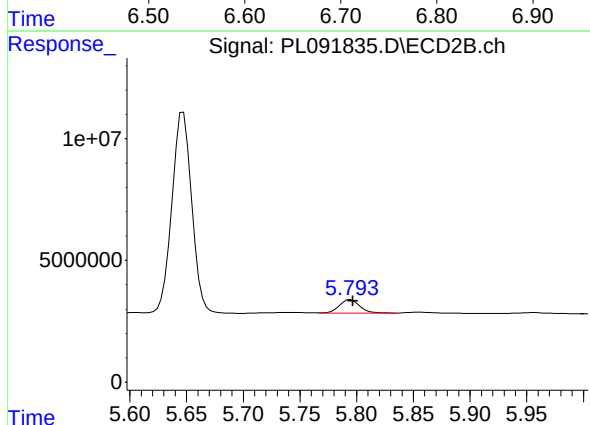
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 6350323
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

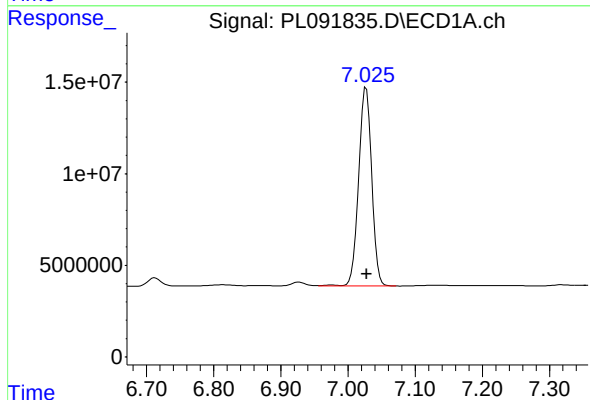
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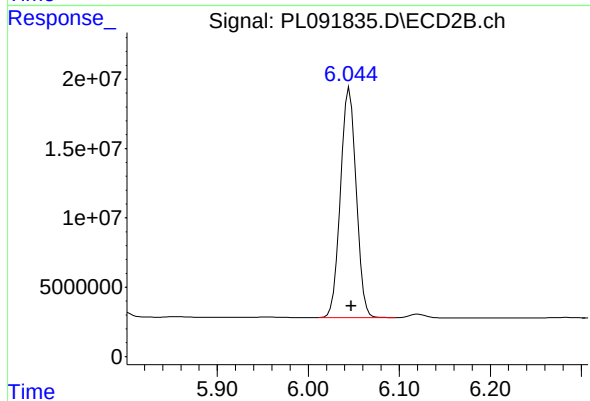
#16 4,4'-DDD

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 6927743
Conc: 4.13 ng/ml



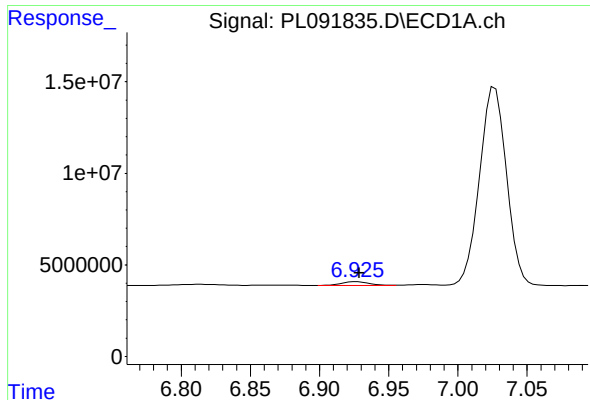
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 147910423
Conc: 112.76 ng/ml



#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 199505806
Conc: 124.16 ng/ml



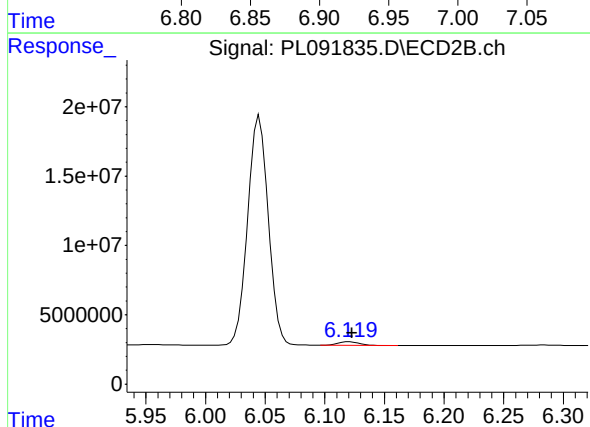
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 2821481
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

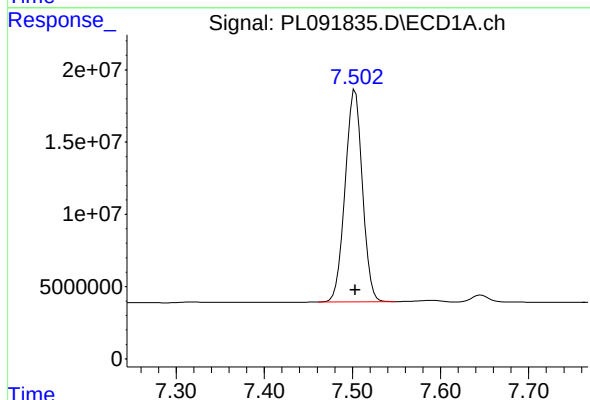
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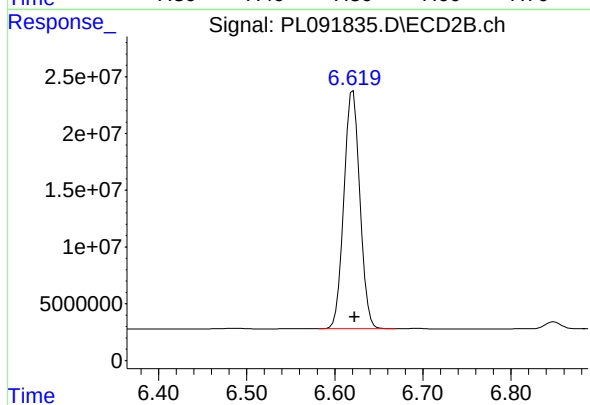
#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 3408680
Conc: 2.49 ng/ml



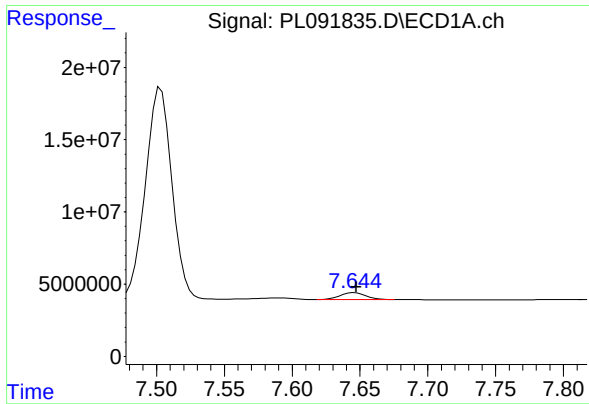
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 200158555
Conc: 295.89 ng/ml



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 264398278
Conc: 298.50 ng/ml



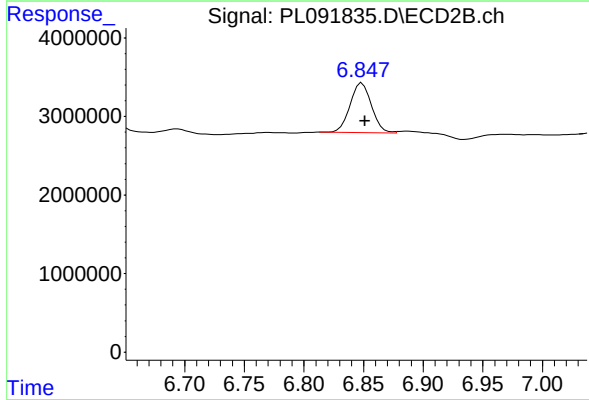
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.003 min
Response: 6113689
Conc: 3.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

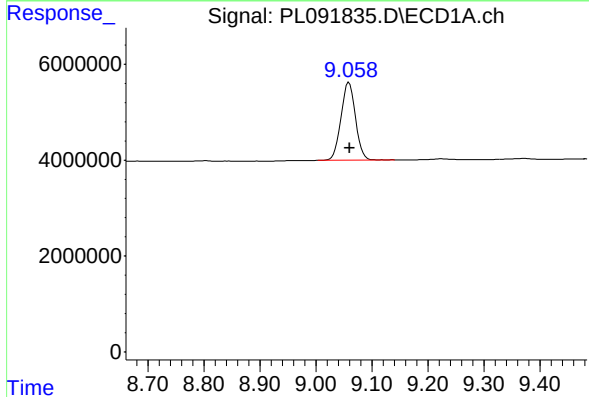
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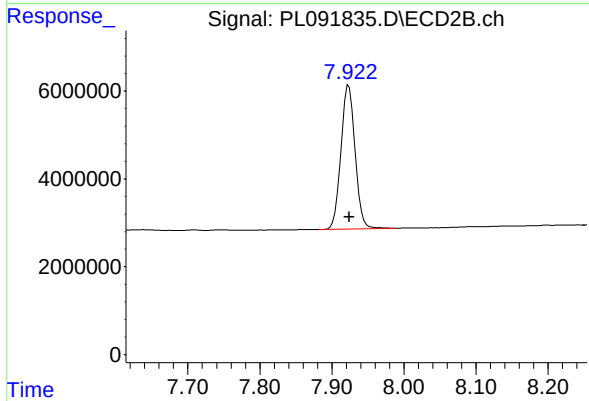
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 7891143
Conc: 3.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 29097369
Conc: 23.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 44405693
Conc: 24.05 ng/ml