

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062625\
 Data File : PL096172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 11:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 04:27:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 28 04:25:53 2025
 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...	3.570	2.880	72800520	99293488	22.105	21.994
28)	SA Decachlor...	9.126	8.065	60173590	129.5E6	23.481	22.616
Target Compounds							
2)	A alpha-BHC	4.020	3.389	54991424	71607419	11.098	10.963
3)	MA gamma-BHC...	4.352	3.722	52962516	68881460	11.424	11.113
6)	B beta-BHC	4.539	4.017	22737281	31029941	11.479	11.373
14)	MA Endrin	6.596	5.775	183.2E6	305.4E6	57.660	57.270
16)	A 4,4'-DDD	6.729	5.921	3885757	7372917	1.315m	1.516
17)	MA 4,4'-DDT	7.046	6.176	325.7E6	610.1E6	111.423	118.861
18)	B Endrin al...	6.938	6.246	582589	4347669	0.240m	1.038m#
20)	A Methoxychlor	7.524	6.750	396.5E6	717.8E6	262.658	251.518
21)	B Endrin ke...	7.656	6.977	3122685	6753273	0.959m	1.155

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

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Sample : PEM
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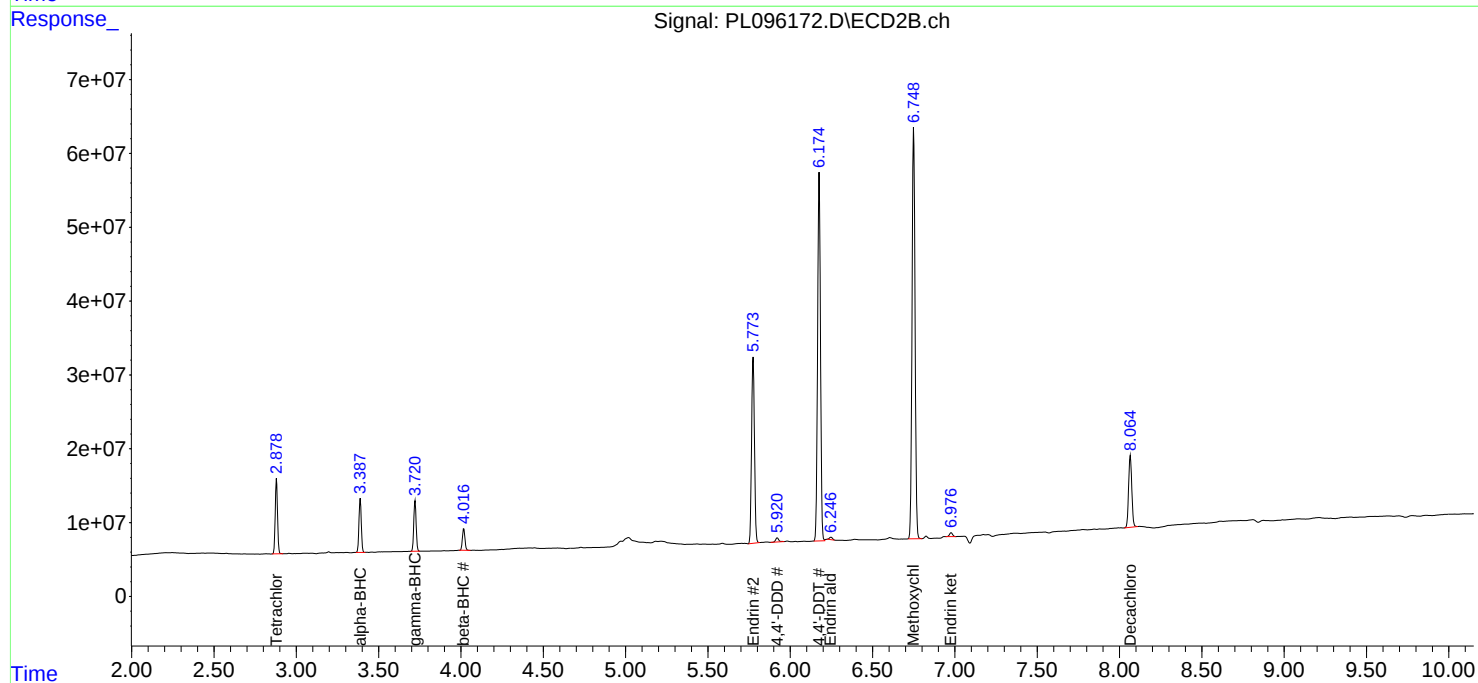
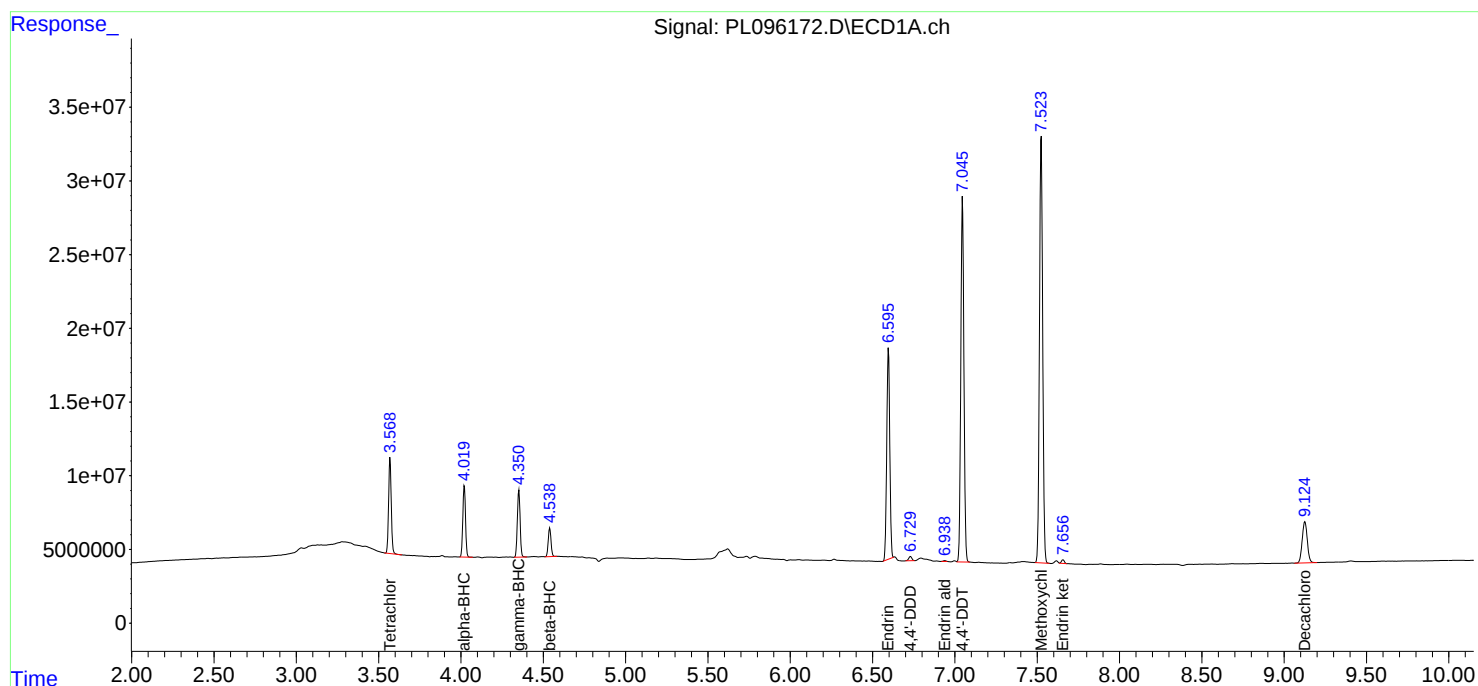
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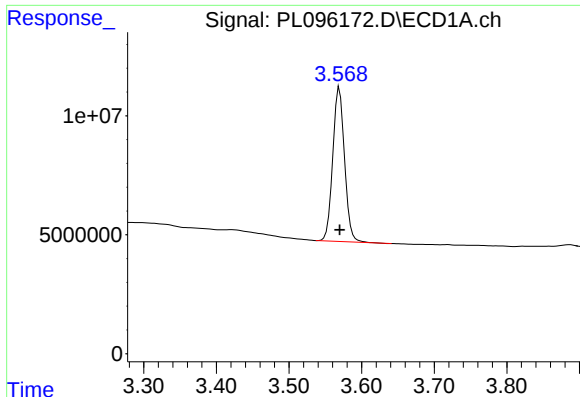
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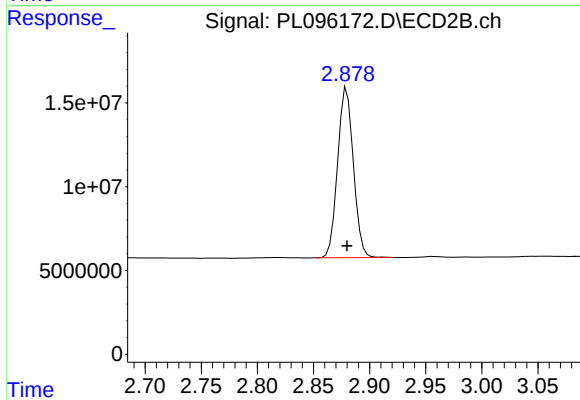
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 72800520
Conc: 22.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

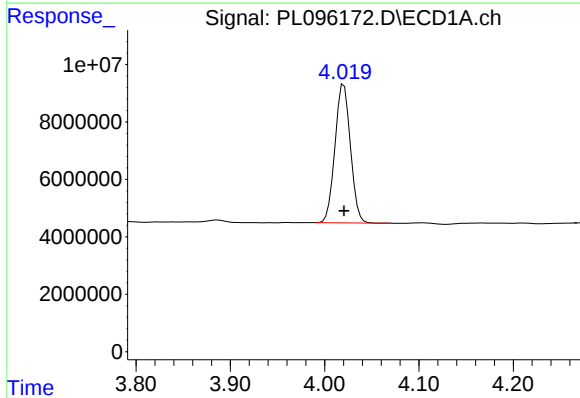
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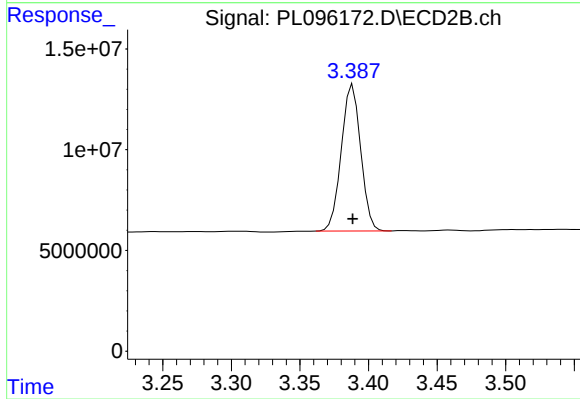
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 99293488
Conc: 21.99 ng/ml



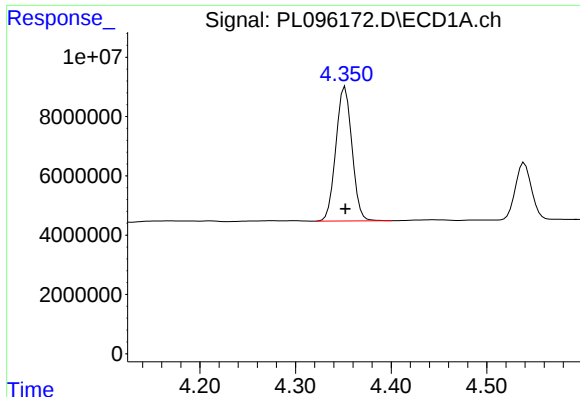
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 54991424
Conc: 11.10 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 71607419
Conc: 10.96 ng/ml



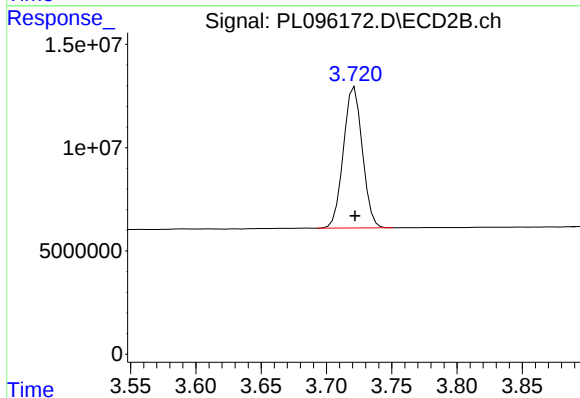
#3 gamma-BHC (Lindane)

R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 52962516
Conc: 11.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

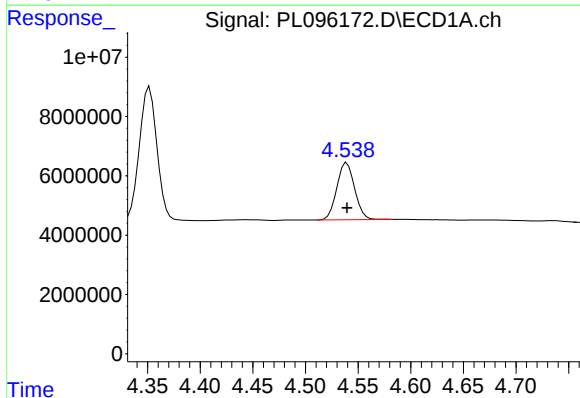
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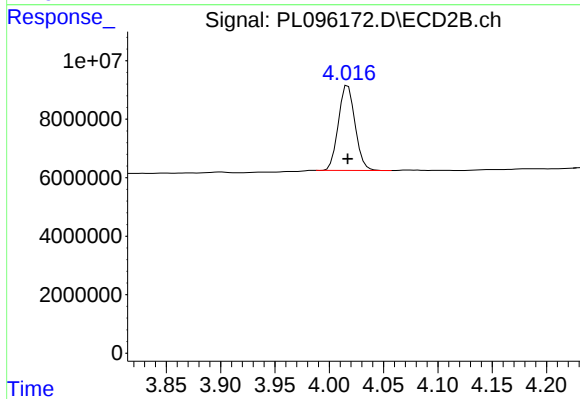
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 68881460
Conc: 11.11 ng/ml



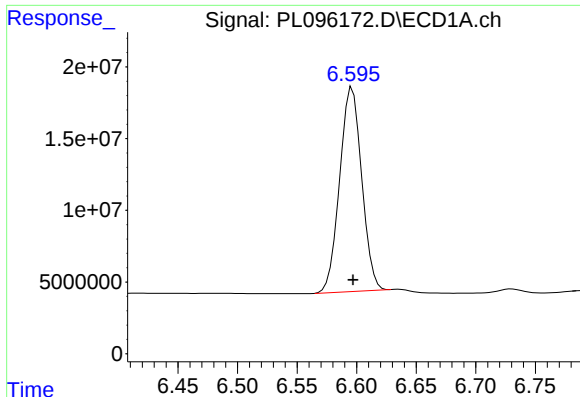
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 22737281
Conc: 11.48 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 31029941
Conc: 11.37 ng/ml



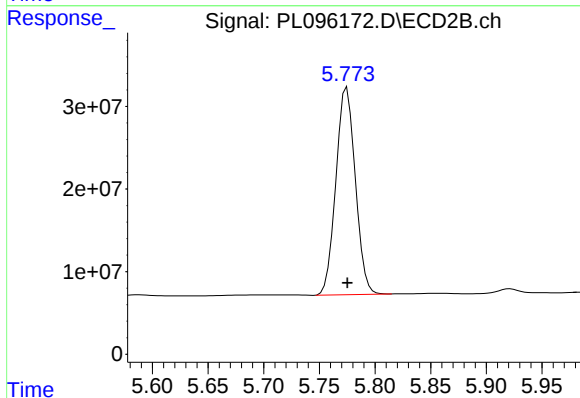
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 183234816
Conc: 57.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

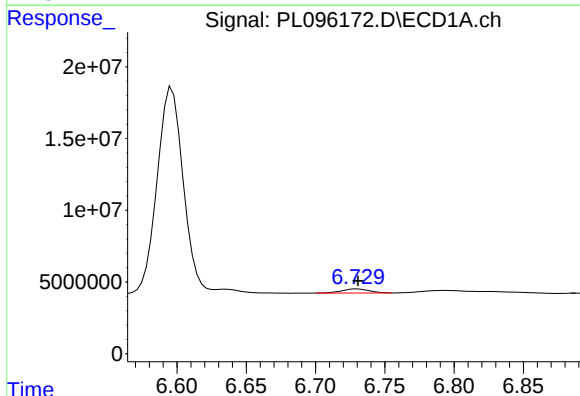
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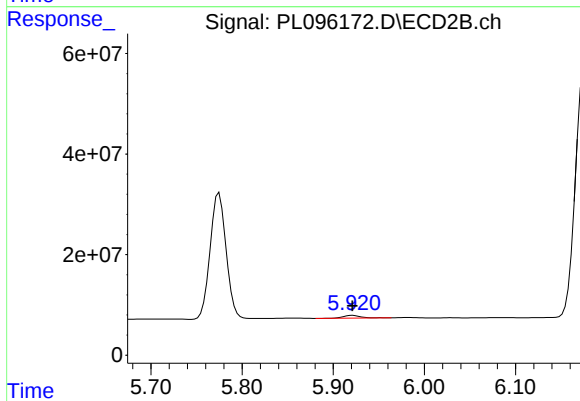
#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 305406414
Conc: 57.27 ng/ml



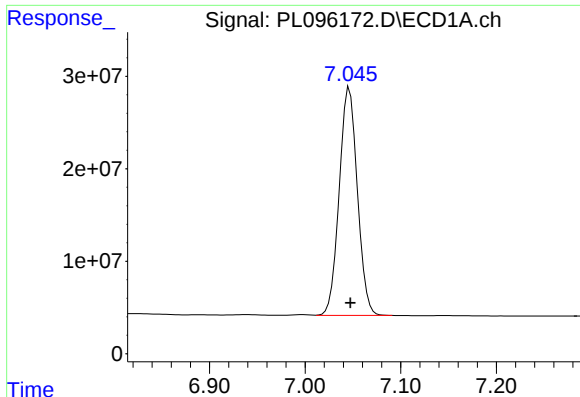
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 3885757
Conc: 1.32 ng/ml m



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 7372917
Conc: 1.52 ng/ml



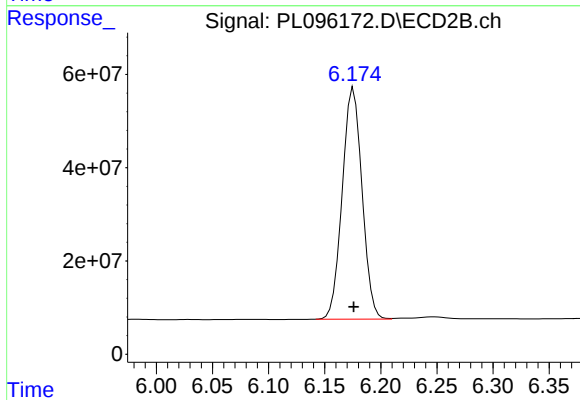
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 325661693
Conc: 111.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

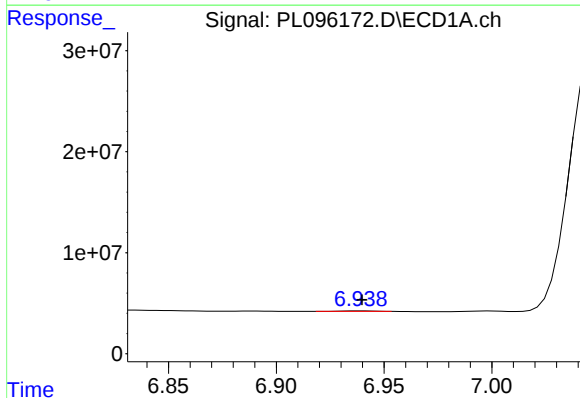
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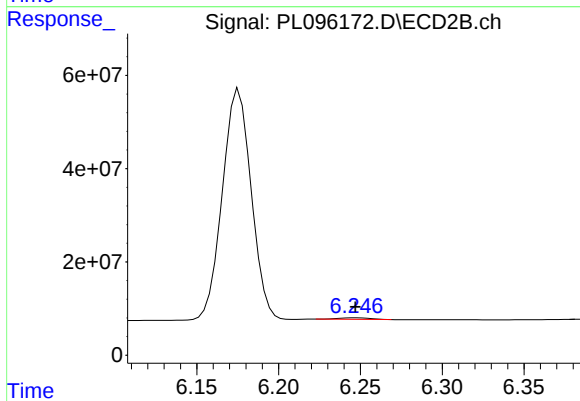
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 610071473
Conc: 118.86 ng/ml



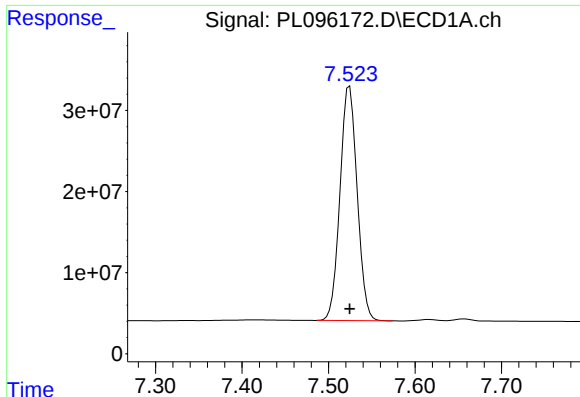
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 582589
Conc: 0.24 ng/ml m



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 4347669
Conc: 1.04 ng/ml m



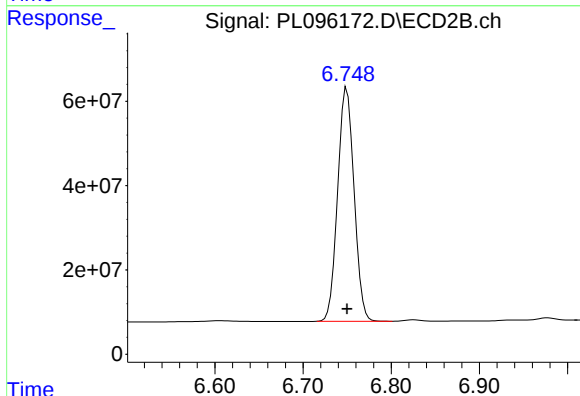
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 396463753
Conc: 262.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

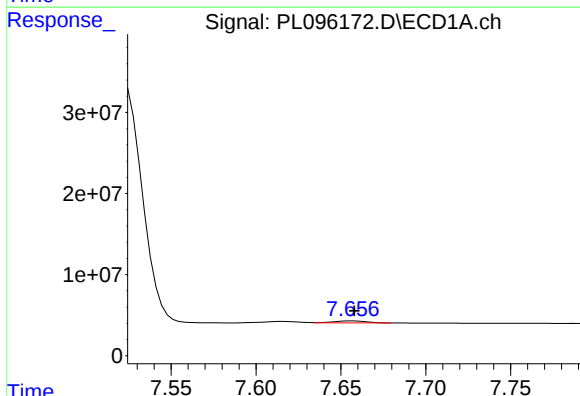
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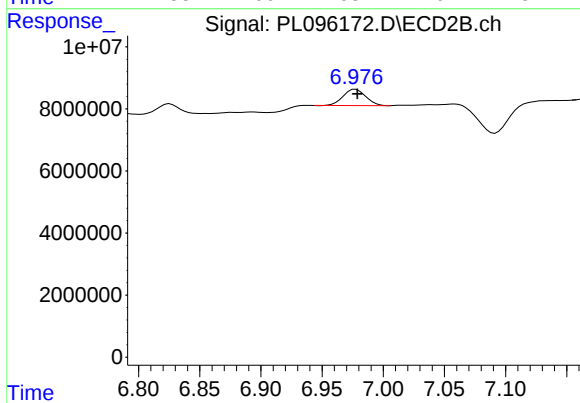
#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 717818593
Conc: 251.52 ng/ml



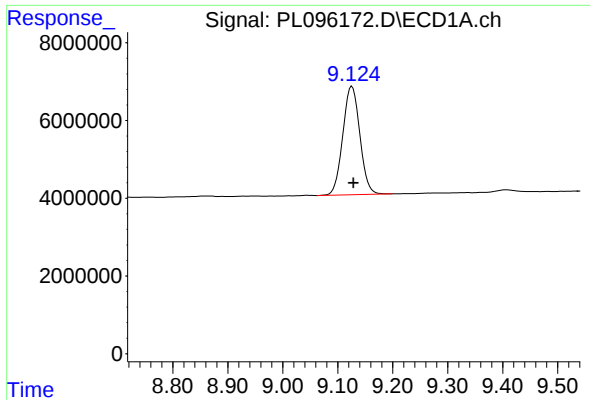
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.002 min
Response: 3122685
Conc: 0.96 ng/ml m



#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.001 min
Response: 6753273
Conc: 1.16 ng/ml



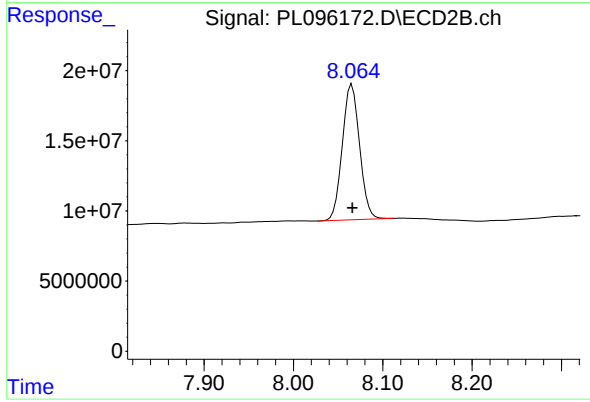
#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: -0.003 min
Response: 60173590
Conc: 23.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 129460879
Conc: 22.62 ng/ml