

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010824\
 Data File : PL087672.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2024 09:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/09/2024
 Supervised By :Ankita Jodhani 01/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 20:35:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 2023
 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...	3.421	2.675	57379533	23320551	19.166	19.252
28)	SA Decachlor...	8.980	7.862	55946623	24495855	19.644	19.336
Target Compounds							
2)	A alpha-BHC	3.877	3.178	38915042	15408419	8.673	8.360
3)	MA gamma-BHC...	4.211	3.509	37900161	14599027	8.689	8.033
6)	B beta-BHC	4.410	3.811	18654558	7592098	10.027	9.926
12)	B 4,4'-DDE	6.098	5.155	549582	136338	0.172	0.101m#
14)	MA Endrin	6.472	5.553	132.1E6	60770430	42.068	42.857
16)	A 4,4'-DDD	6.618	5.713	1488859	587422	0.577	0.521
17)	MA 4,4'-DDT	6.934	5.966	274.3E6	122.3E6	95.908	98.293
18)	B Endrin al...	6.825	6.034	2836811	3243760	1.128	2.791m#
20)	A Methoxychlor	7.421	6.552	360.9E6	158.2E6	222.315	214.925
21)	B Endrin ke...	7.546	6.764	6975851	2975000	2.145	1.941

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

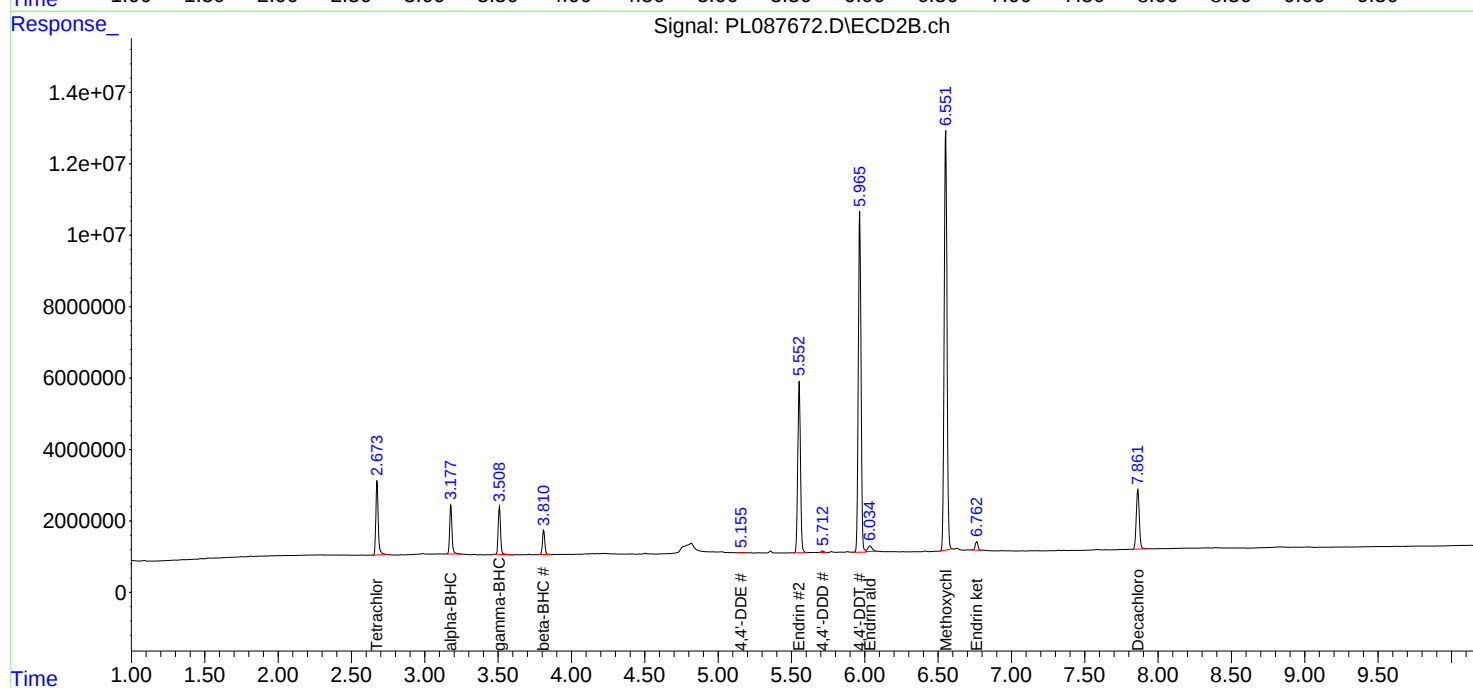
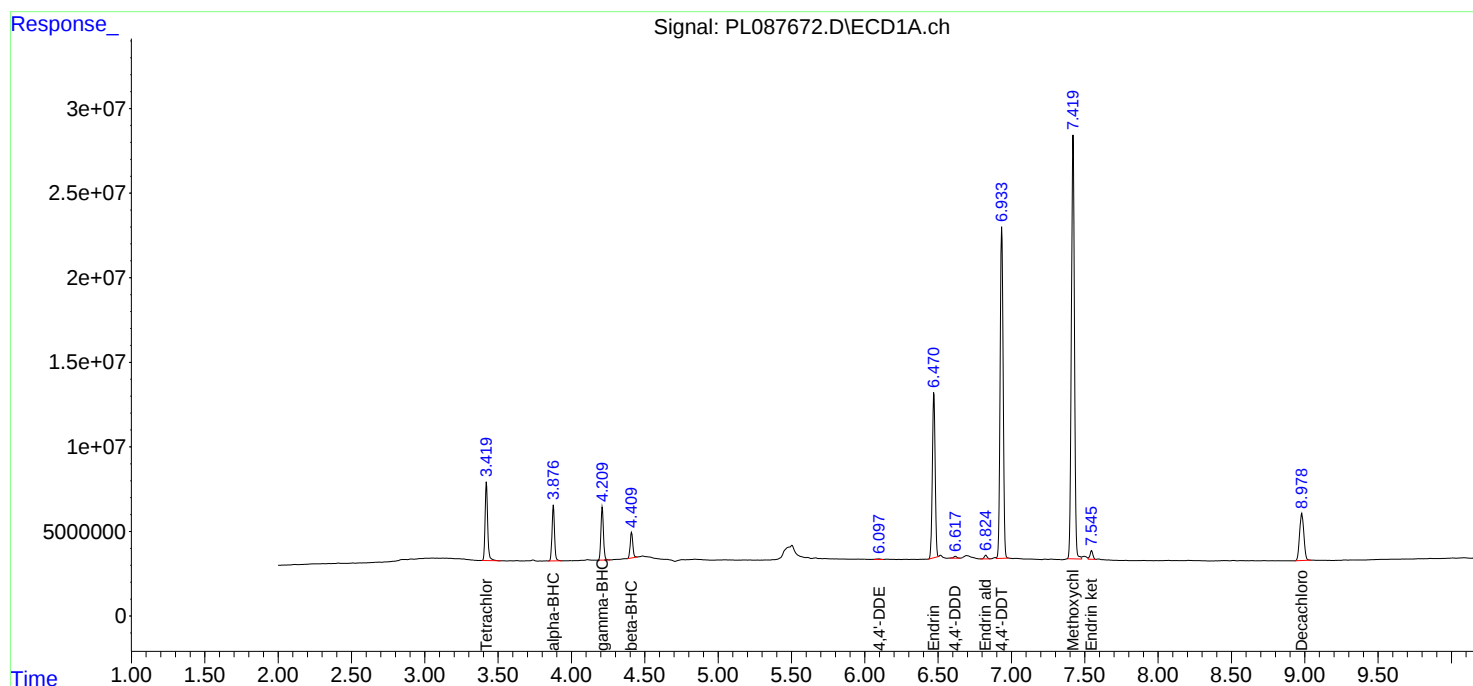
Instrument :
ECD_L
ClientSampleId :
PEM

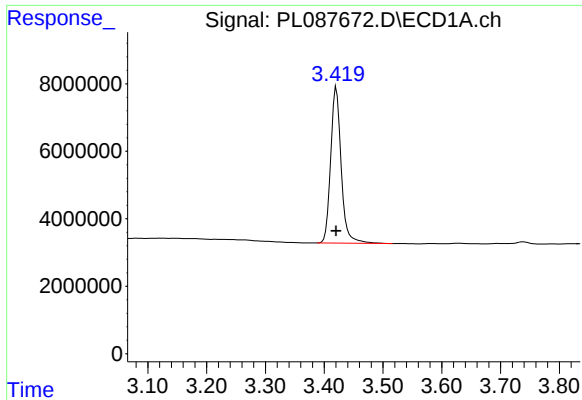
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Integration File signal 1: autoint1.e
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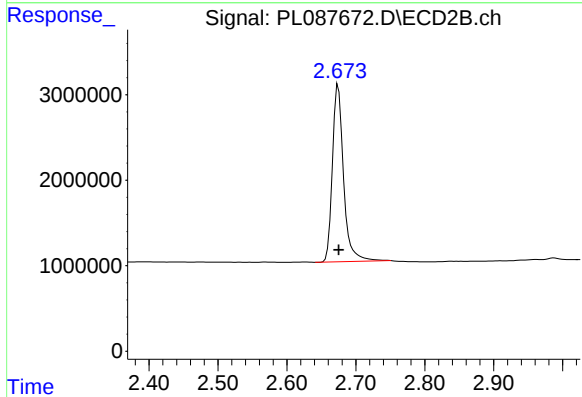
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 57379533
Conc: 19.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

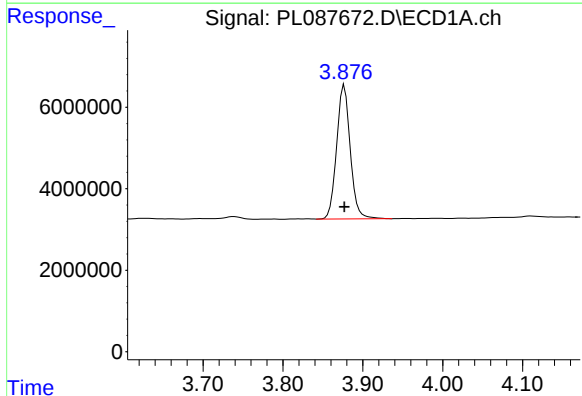
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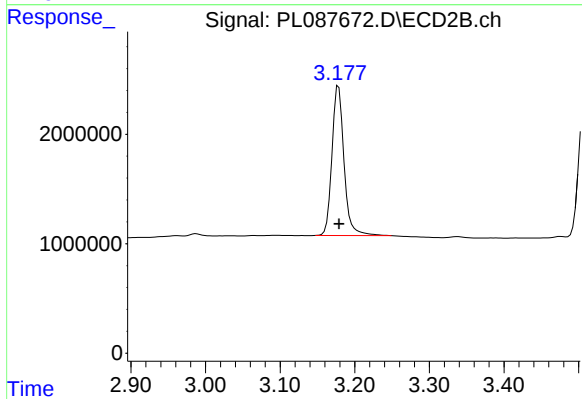
#1 Tetrachloro-m-xylene

R.T.: 2.675 min
Delta R.T.: 0.000 min
Response: 23320551
Conc: 19.25 ng/ml



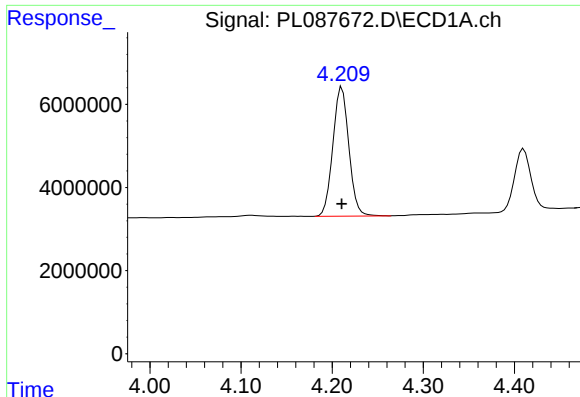
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 38915042
Conc: 8.67 ng/ml



#2 alpha-BHC

R.T.: 3.178 min
Delta R.T.: 0.000 min
Response: 15408419
Conc: 8.36 ng/ml



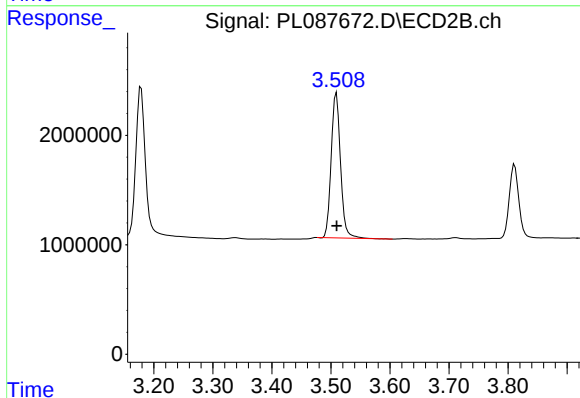
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 37900161
Conc: 8.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

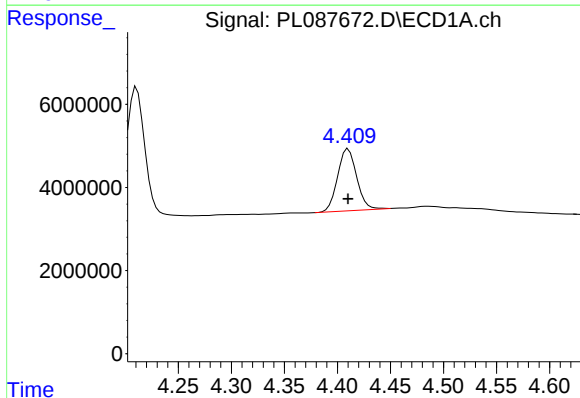
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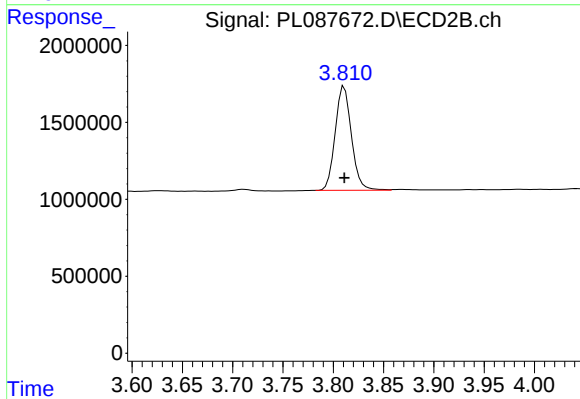
#3 gamma-BHC (Lindane)

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 14599027
Conc: 8.03 ng/ml



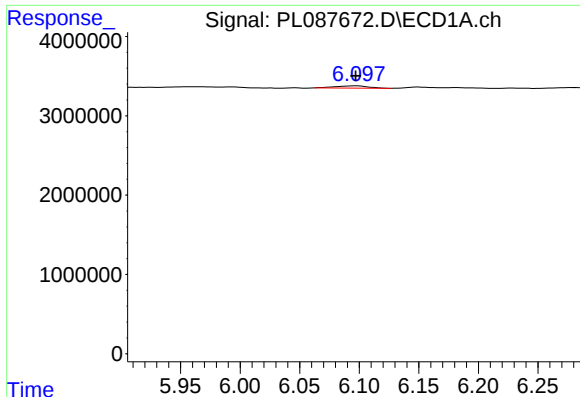
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 18654558
Conc: 10.03 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 7592098
Conc: 9.93 ng/ml



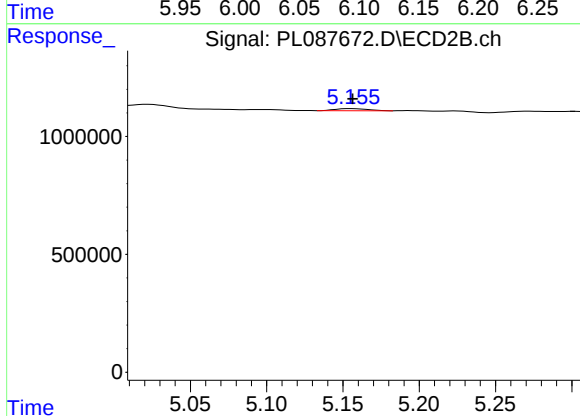
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 549582
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

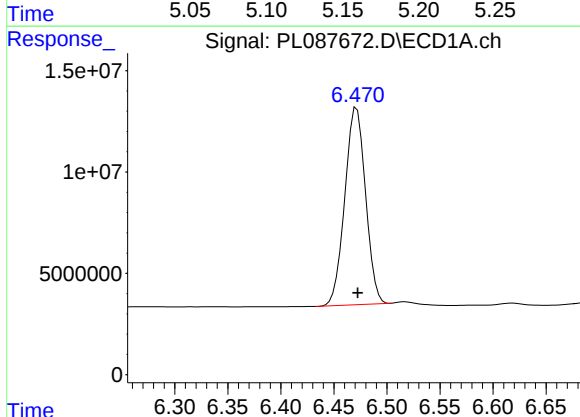
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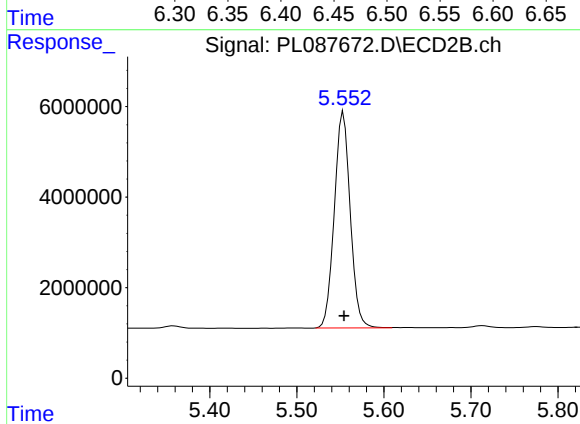
#12 4,4'-DDE

R.T.: 5.155 min
Delta R.T.: -0.001 min
Response: 136338
Conc: 0.10 ng/ml m



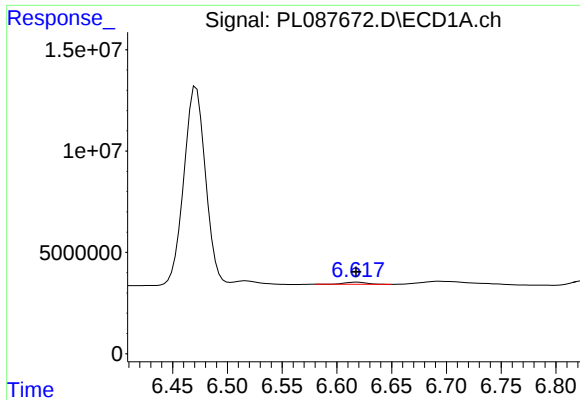
#14 Endrin

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 132131627
Conc: 42.07 ng/ml



#14 Endrin

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 60770430
Conc: 42.86 ng/ml



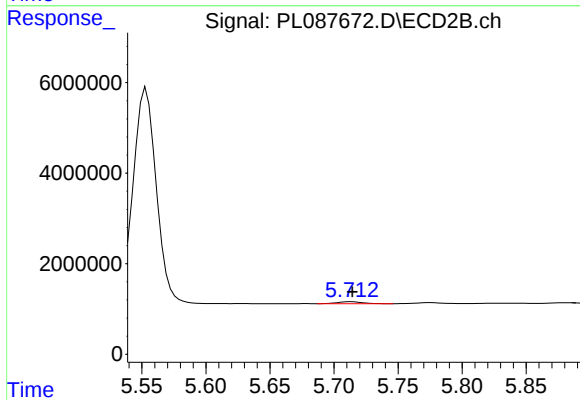
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 1488859
Conc: 0.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

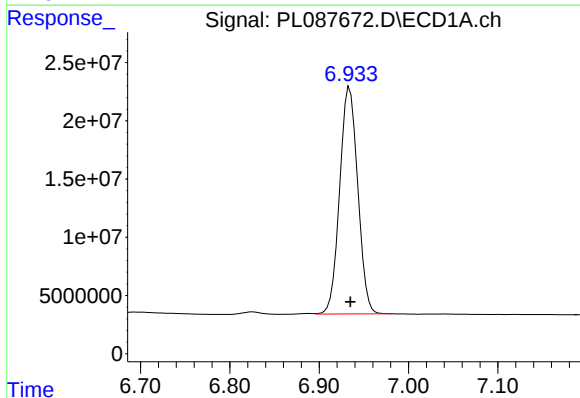
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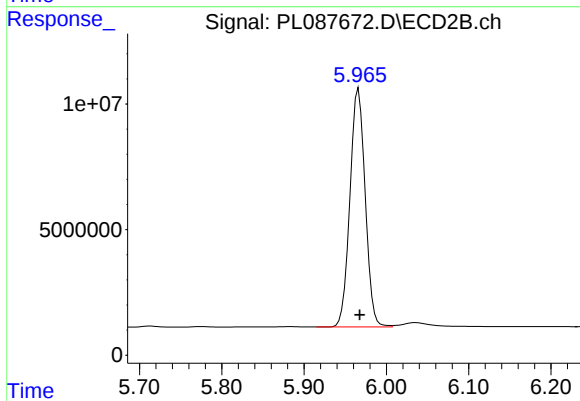
#16 4,4'-DDD

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 587422
Conc: 0.52 ng/ml



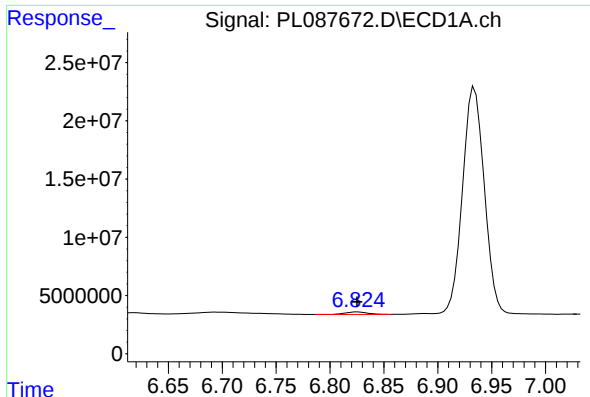
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 274253634
Conc: 95.91 ng/ml



#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.001 min
Response: 122333893
Conc: 98.29 ng/ml



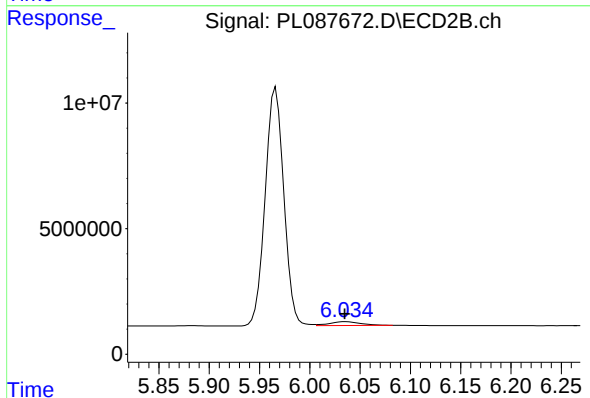
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 2836811
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

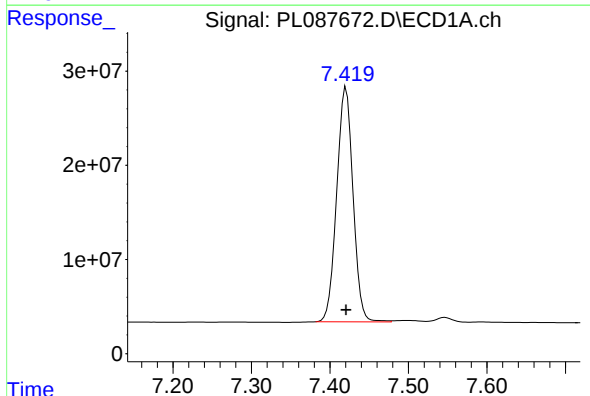
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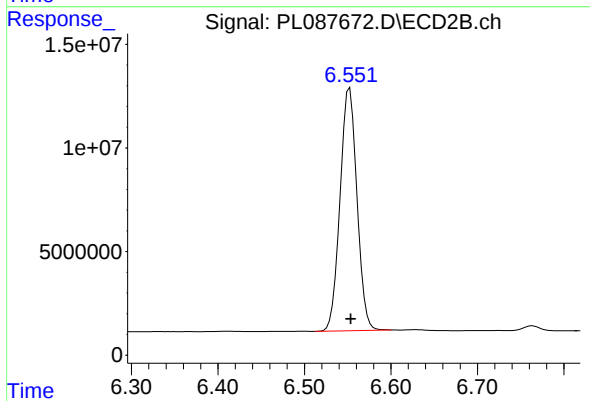
#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 3243760
Conc: 2.79 ng/ml m



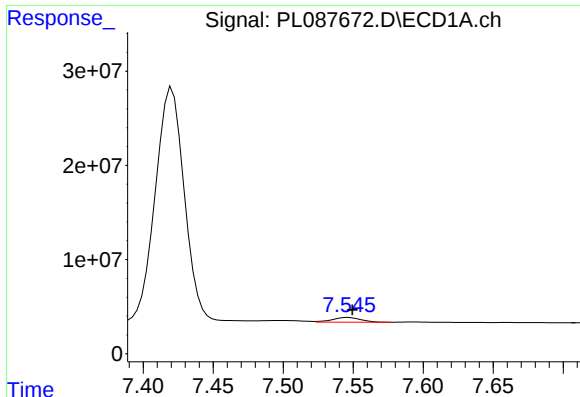
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 360946355
Conc: 222.31 ng/ml



#20 Methoxychlor

R.T.: 6.552 min
Delta R.T.: -0.001 min
Response: 158202016
Conc: 214.92 ng/ml



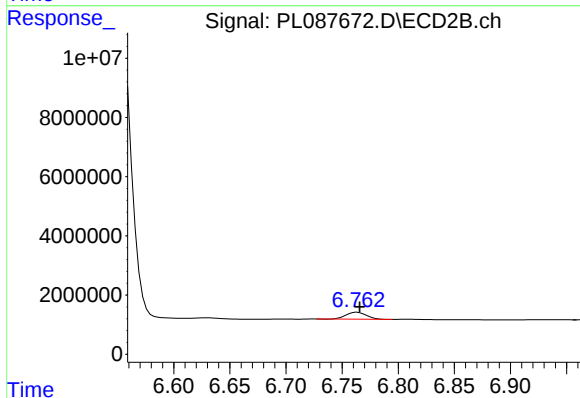
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 6975851
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

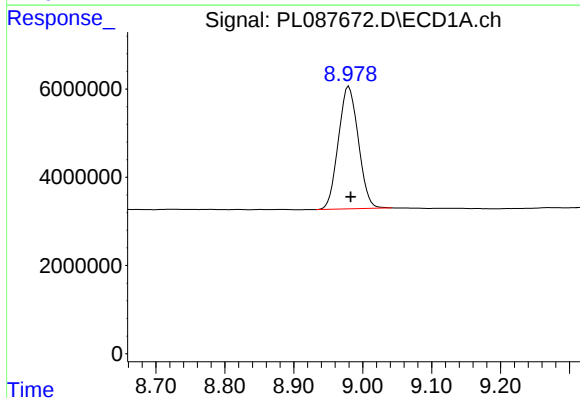
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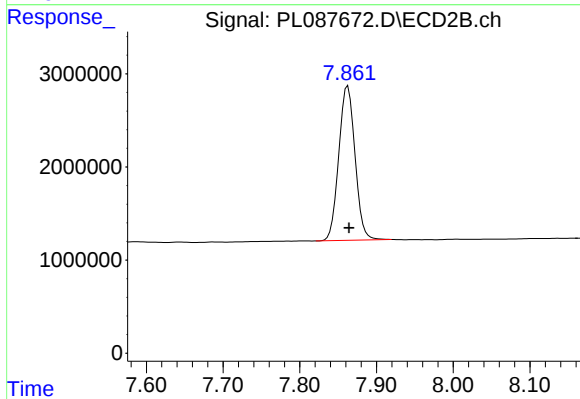
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 2975000
Conc: 1.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.003 min
Response: 55946623
Conc: 19.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.002 min
Response: 24495855
Conc: 19.34 ng/ml