

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071024\
 Data File : PL090460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2024 09:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2024
 Supervised By :Ankita Jodhani 07/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 01:23:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.546	2.790	44608006	32709186	19.655m	20.679
28)	SA Decachlor...	9.060	7.932	33740650	32451337	21.878	21.755m
Target Compounds							
2)	A alpha-BHC	4.002	3.292	32999902	21648646	10.521	9.684m
3)	MA gamma-BHC...	4.334	3.622	31323327	21483793	10.420	10.049m
6)	B beta-BHC	4.530	3.922	15046617	11022301	11.171	11.418
12)	B 4,4'-DDE	6.199	5.251	718916	335260	0.329	0.202m#
14)	MA Endrin	6.581	5.657	89706967	79039552	42.309	47.799
16)	A 4,4'-DDD	6.715	5.805	4412440	2005216	2.408	1.463 #
17)	MA 4,4'-DDT	7.029	6.056	166.3E6	161.9E6	86.656	109.409 #
18)	B Endrin al...	6.929	6.131	3030685	2875070	1.795	2.258 #
20)	A Methoxychlor	7.504	6.629	216.7E6	202.1E6	210.273	242.254m
21)	B Endrin ke...	7.648	6.858	6379293	4966826	2.941	2.774

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

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Acq On : 10 Jul 2024 09:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

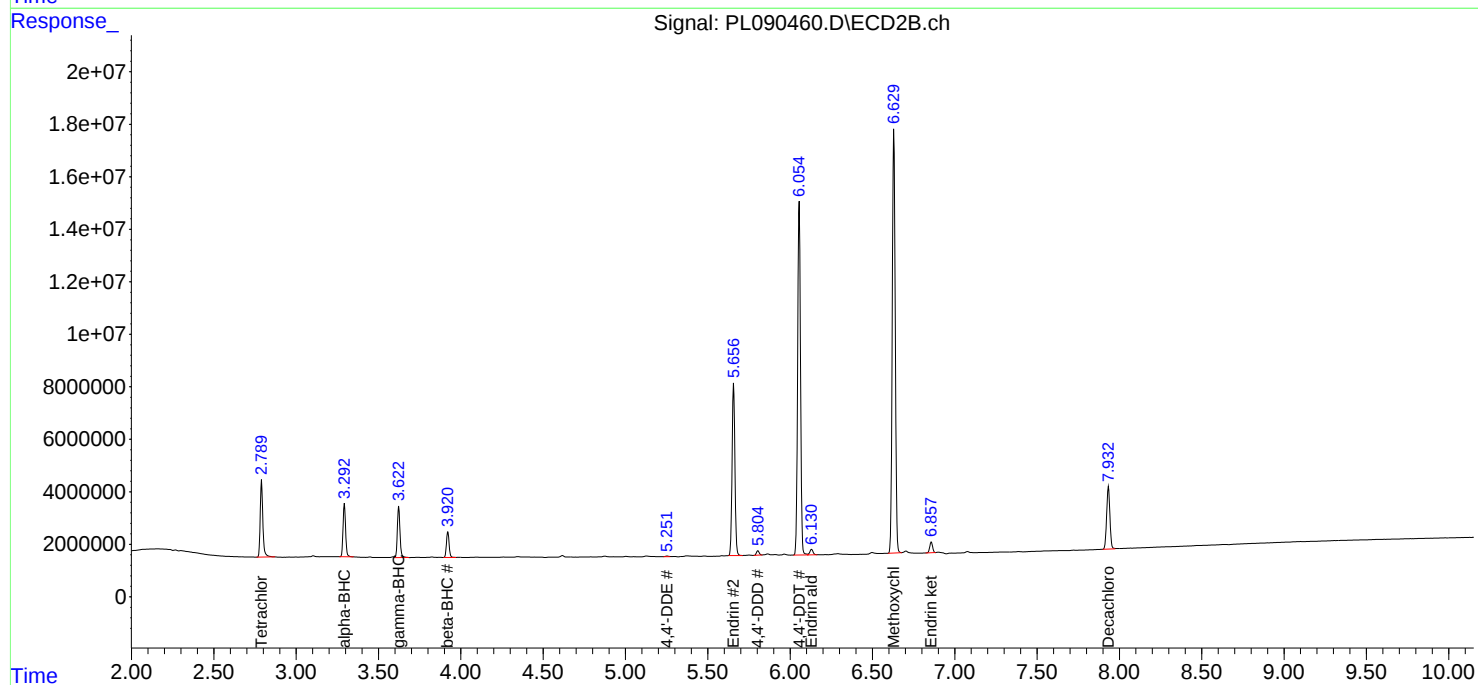
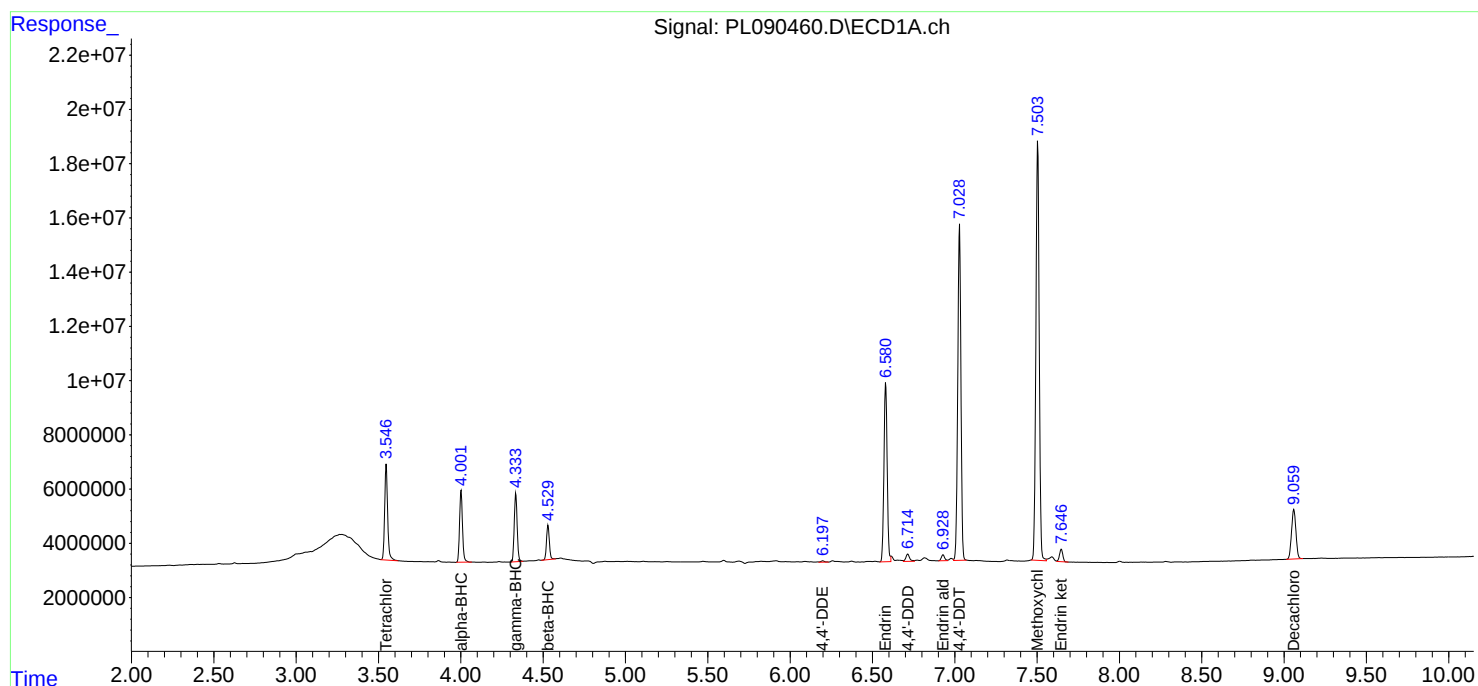
Instrument :
ECD_L
ClientSampleId :
PEM

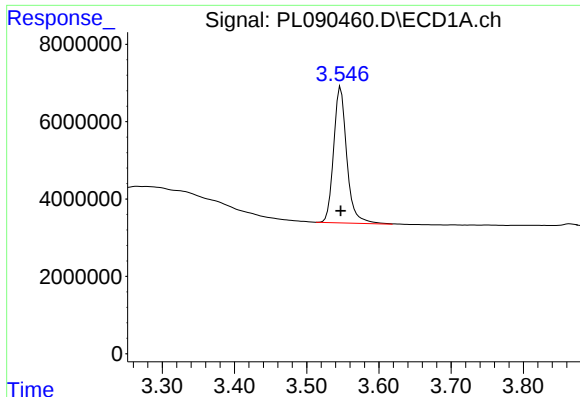
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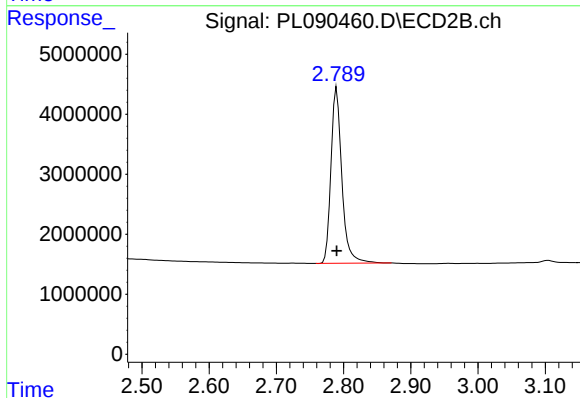
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.001 min
Response: 44608006
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

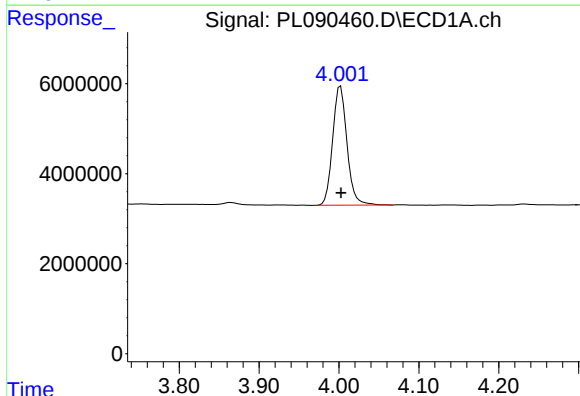
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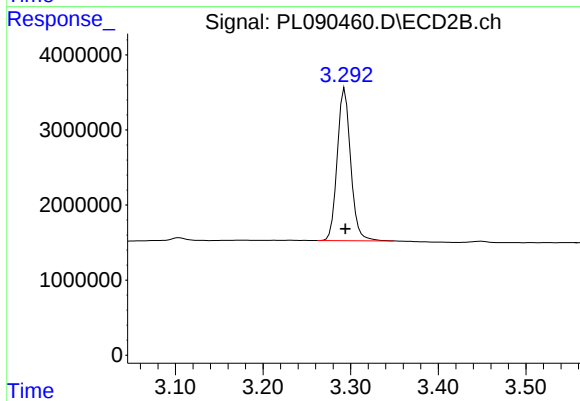
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 32709186
Conc: 20.68 ng/ml



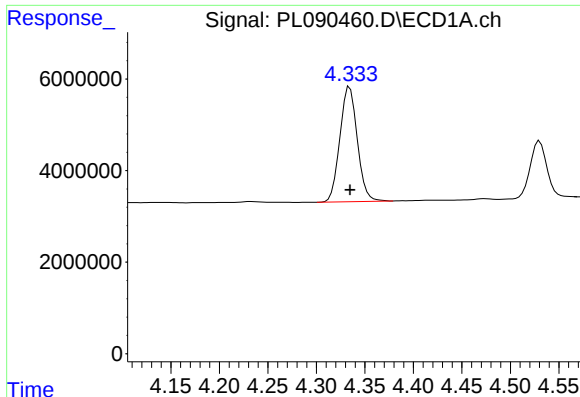
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 32999902
Conc: 10.52 ng/ml



#2 alpha-BHC

R.T.: 3.292 min
Delta R.T.: -0.002 min
Response: 21648646
Conc: 9.68 ng/ml m



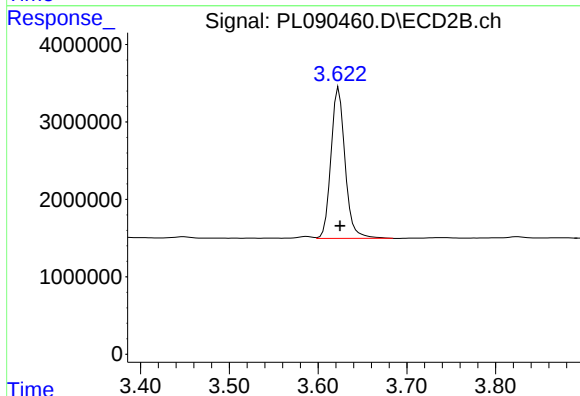
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 31323327
Conc: 10.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

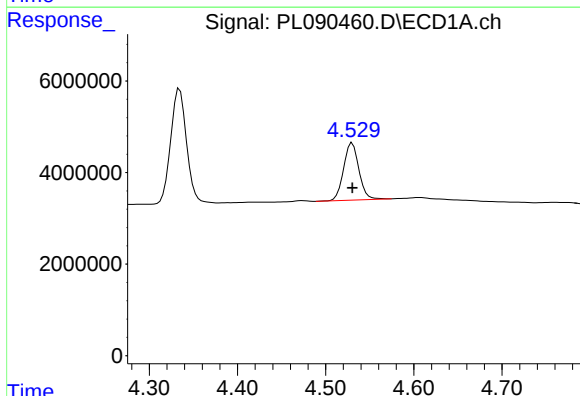
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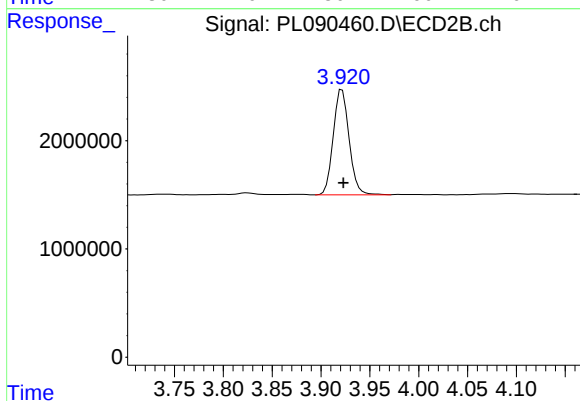
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.003 min
Response: 21483793
Conc: 10.05 ng/ml m



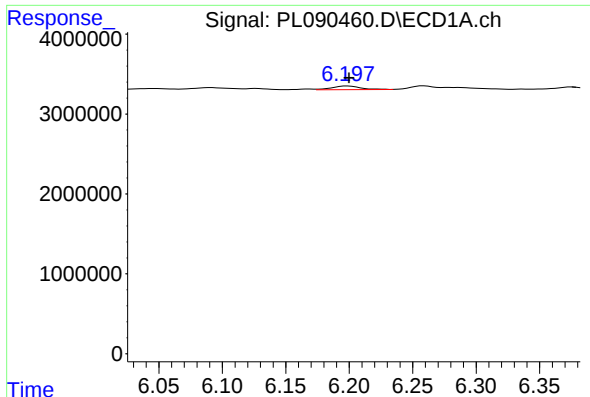
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 15046617
Conc: 11.17 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: -0.001 min
Response: 11022301
Conc: 11.42 ng/ml



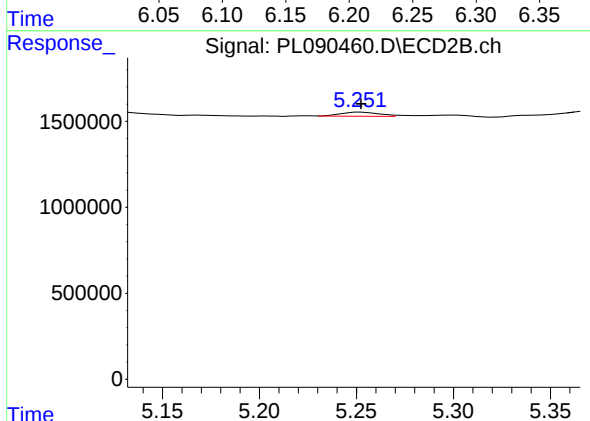
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.001 min
Response: 718916
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#12 4,4'-DDE

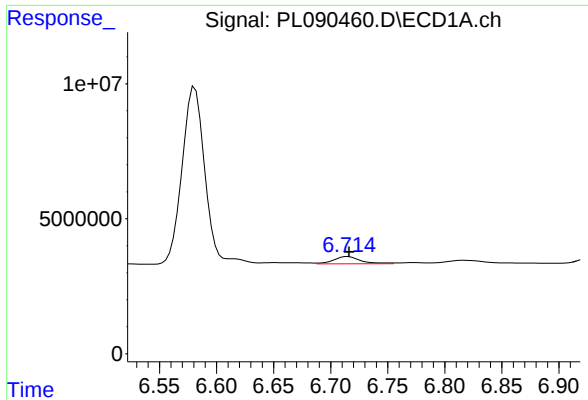
R.T.: 5.251 min
Delta R.T.: -0.002 min
Response: 335260
Conc: 0.20 ng/ml m

#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.001 min
Response: 89706967
Conc: 42.31 ng/ml

#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 79039552
Conc: 47.80 ng/ml



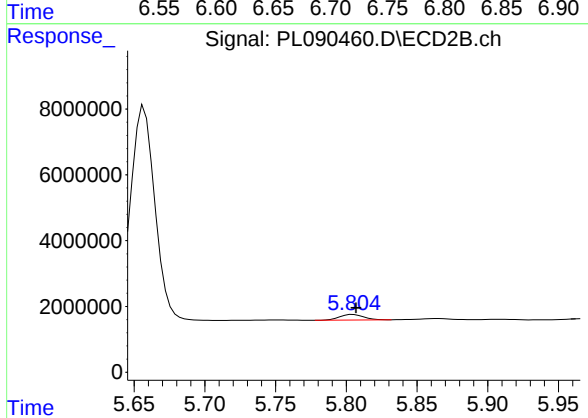
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 4412440
Conc: 2.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

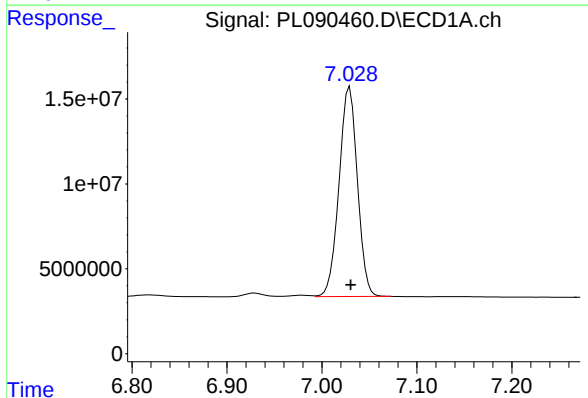
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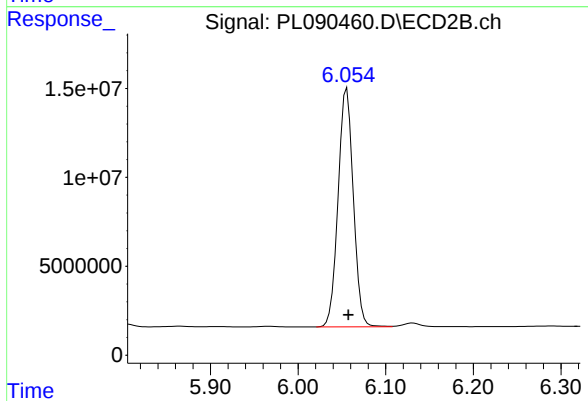
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 2005216
Conc: 1.46 ng/ml



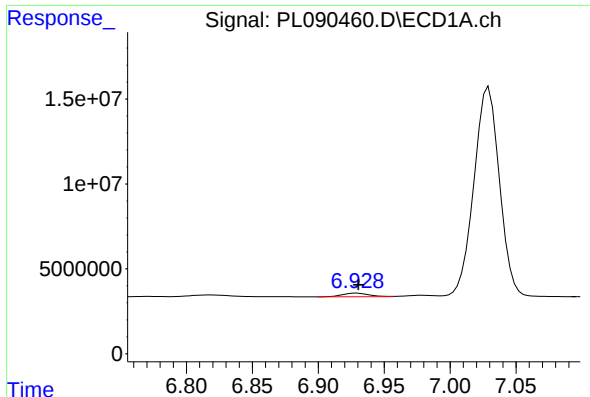
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 166287680
Conc: 86.66 ng/ml



#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: -0.002 min
Response: 161938548
Conc: 109.41 ng/ml



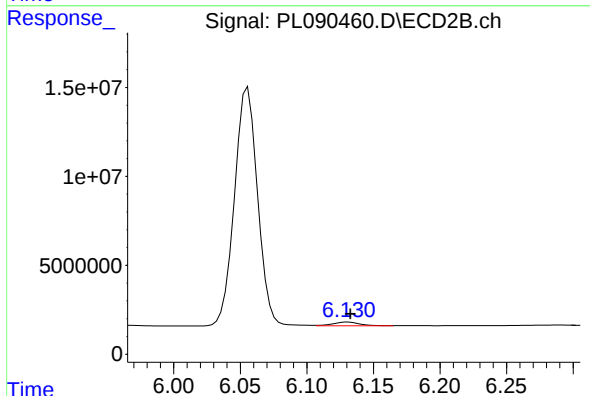
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 3030685
Conc: 1.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

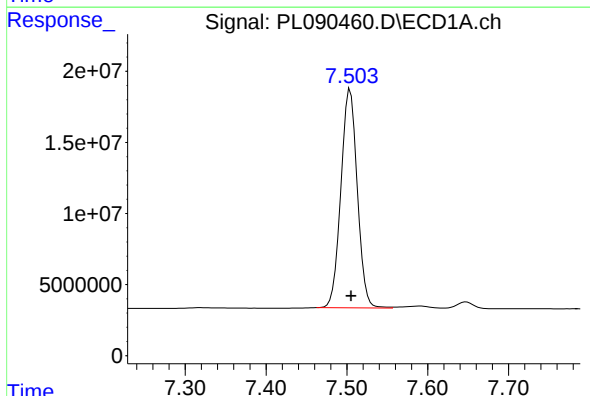
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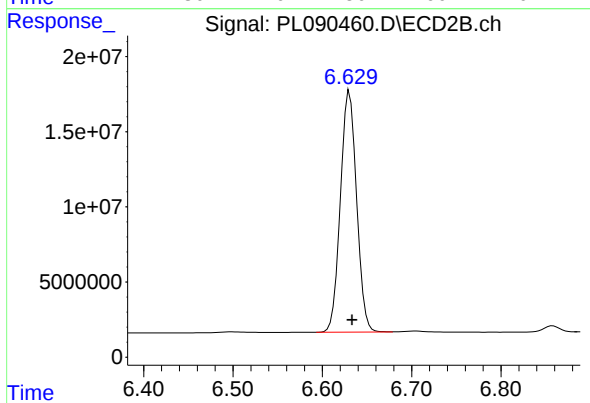
#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 2875070
Conc: 2.26 ng/ml



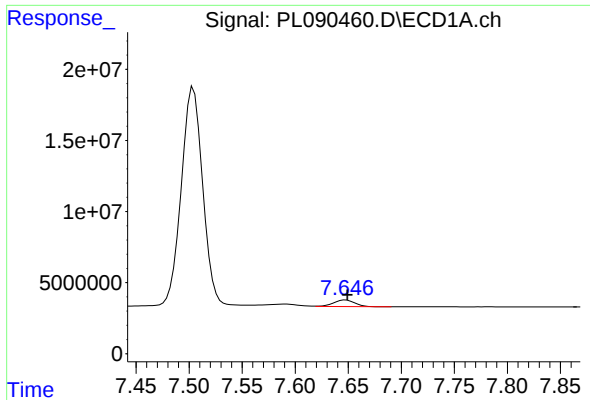
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.001 min
Response: 216694190
Conc: 210.27 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.004 min
Response: 202105332
Conc: 242.25 ng/ml m



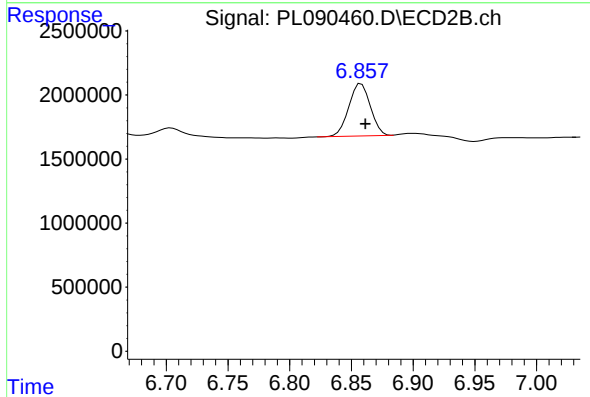
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 6379293
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

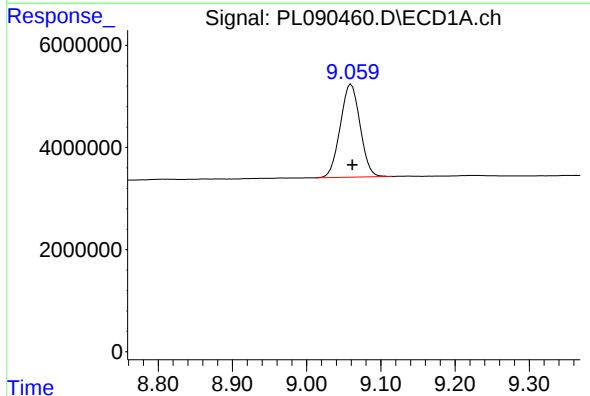
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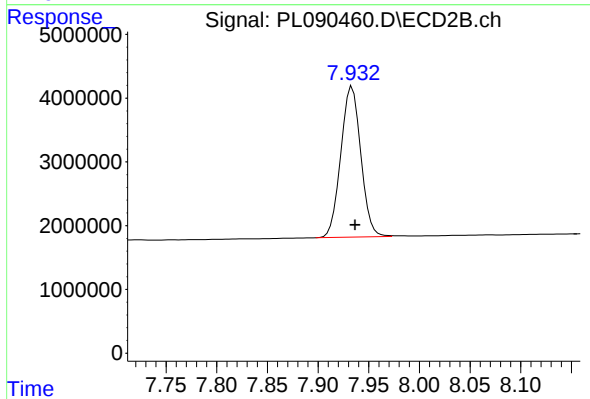
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.003 min
Response: 4966826
Conc: 2.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.002 min
Response: 33740650
Conc: 21.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.004 min
Response: 32451337
Conc: 21.75 ng/ml m