

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021221\
 Data File : PL064777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Feb 2021 08:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 13:35:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 09 04:41:29 2021
 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...	3.426	4.100	64164623	50215902	22.806	23.246
28)	SA Decachlor...	8.147	9.257	49768911	38884674	22.131	20.472
Target Compounds							
2)	A alpha-BHC	3.858	4.503	50131865	30359634	10.810	10.023
3)	MA gamma-BHC...	4.139	4.795	42868295	28625948	9.915	10.078
6)	B beta-BHC	4.389	4.973	20468190	21958922	11.975	14.087m
12)	B 4,4'-DDE	5.569	6.473	882750	496562	0.282m	0.245m
14)	MA Endrin	5.954	6.855	147.8E6	86193420	49.208	47.679
16)	A 4,4'-DDD	6.084	6.974	15440286	10732719	6.097	6.191
17)	MA 4,4'-DDT	6.322	7.274	234.6E6	149.7E6	104.041	98.199
18)	B Endrin al...	6.394	7.193	3384013	1530622	1.388	0.940m#
20)	A Methoxychlor	6.870	7.735	302.9E6	214.4E6	233.907	237.147
21)	B Endrin ke...	7.092	7.897	10150956	5490286	3.539	2.872

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

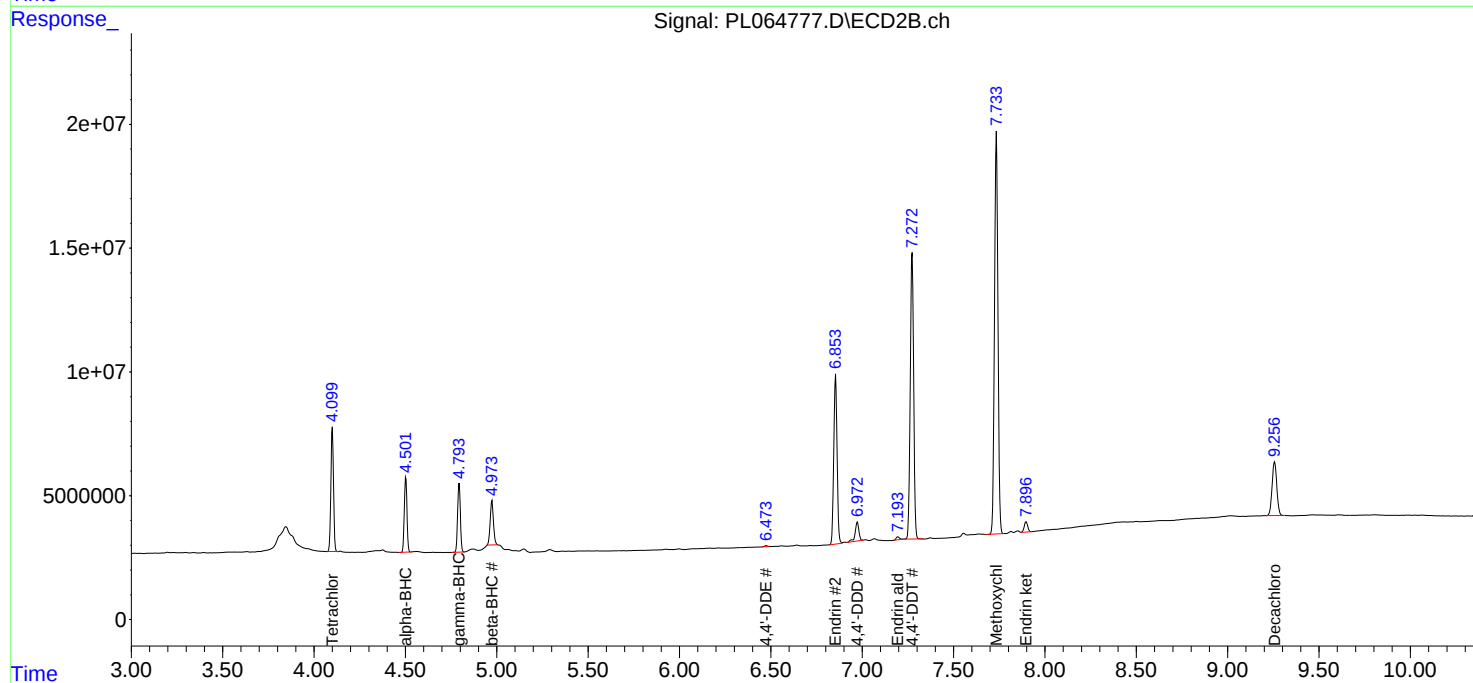
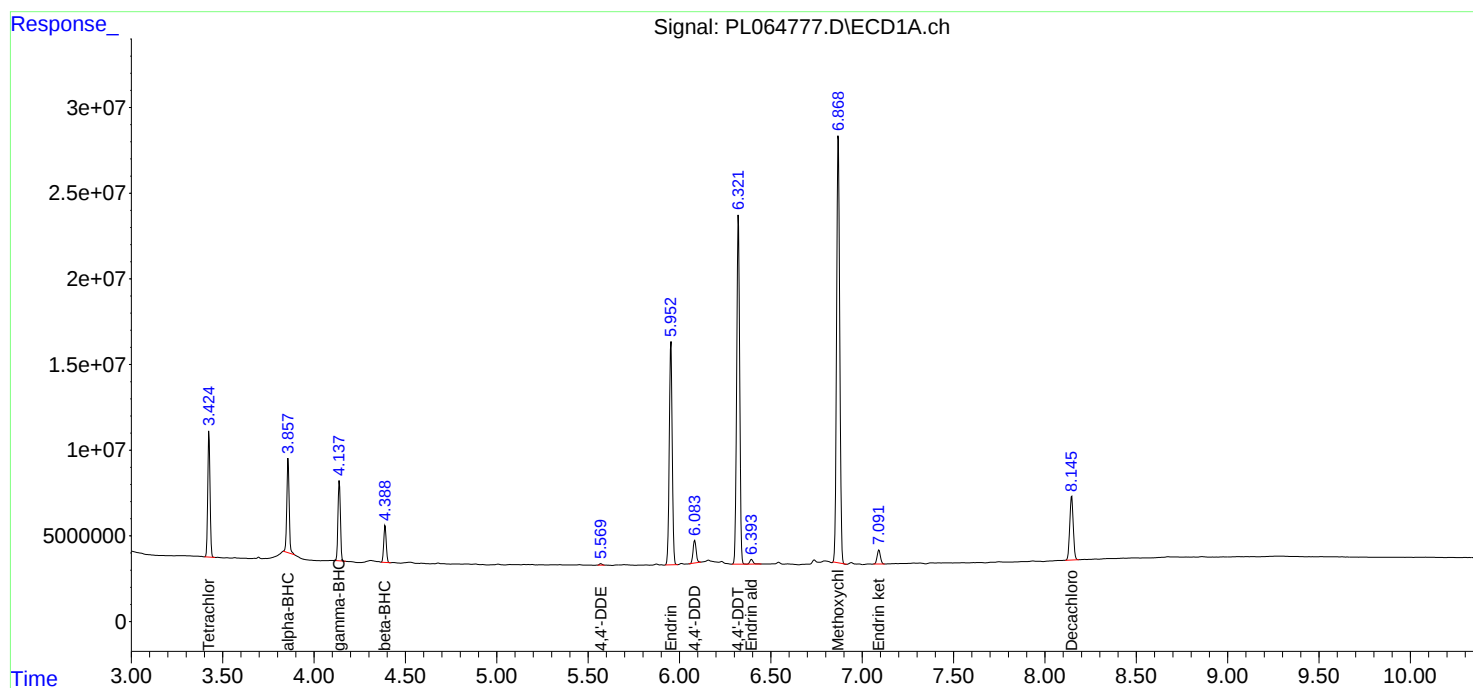
Instrument :
ECD_L
ClientSampled :
PEM

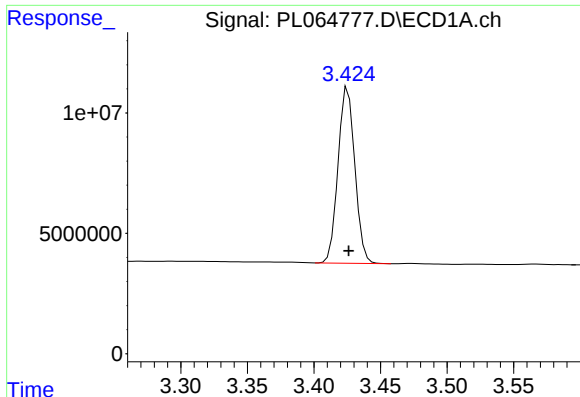
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Integration File signal 1: autoint1.e
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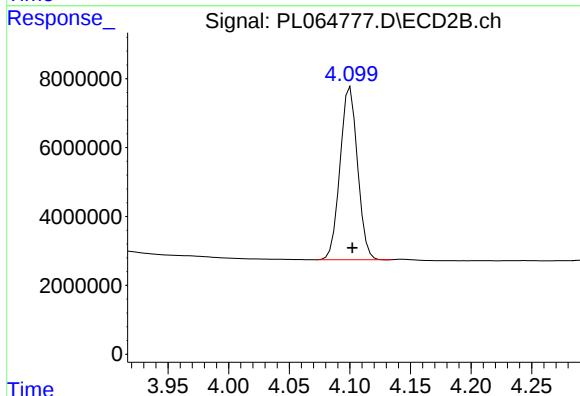
#1 Tetrachloro-m-xylene

R.T.: 3.426 min
Delta R.T.: 0.000 min
Response: 64164623
Conc: 22.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

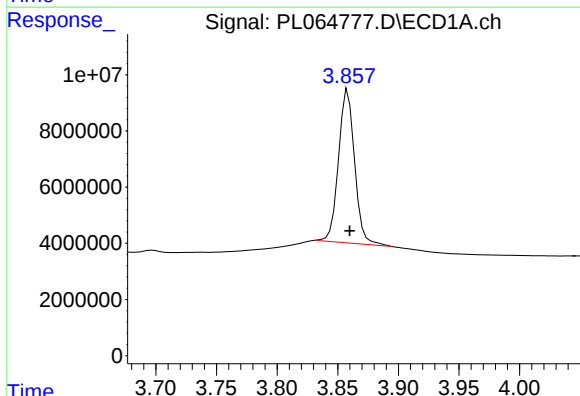
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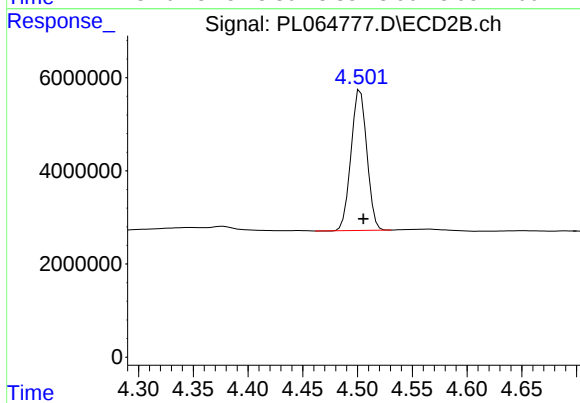
#1 Tetrachloro-m-xylene

R.T.: 4.100 min
Delta R.T.: -0.002 min
Response: 50215902
Conc: 23.25 ng/ml



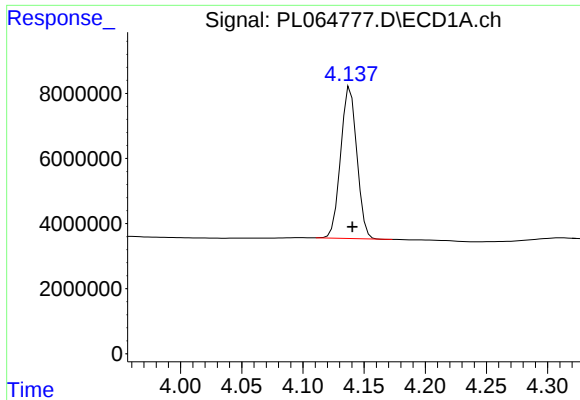
#2 alpha-BHC

R.T.: 3.858 min
Delta R.T.: -0.002 min
Response: 50131865
Conc: 10.81 ng/ml



#2 alpha-BHC

R.T.: 4.503 min
Delta R.T.: -0.003 min
Response: 30359634
Conc: 10.02 ng/ml



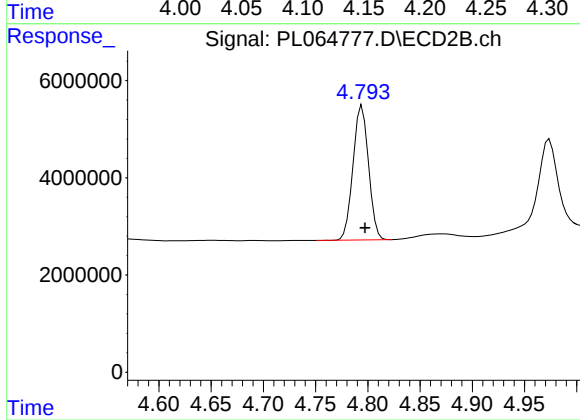
#3 gamma-BHC (Lindane)

R.T.: 4.139 min
Delta R.T.: -0.002 min
Response: 42868295
Conc: 9.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

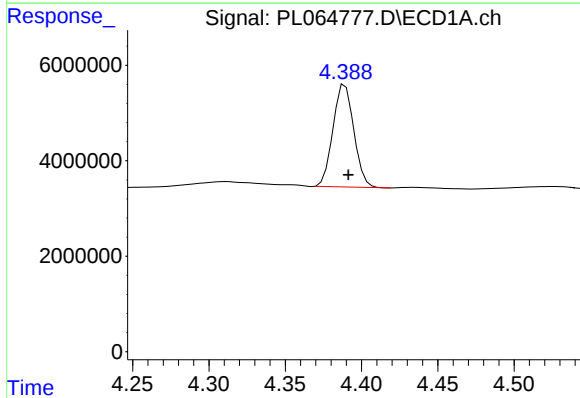
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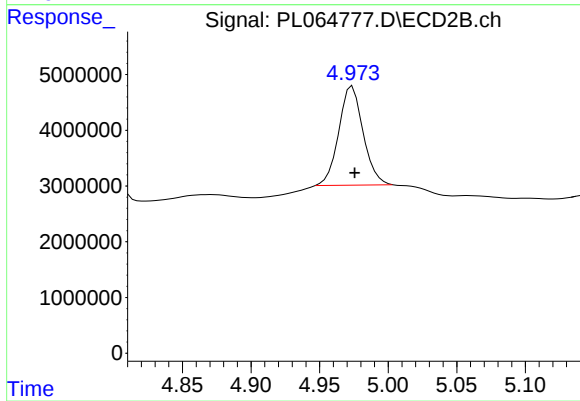
#3 gamma-BHC (Lindane)

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 28625948
Conc: 10.08 ng/ml



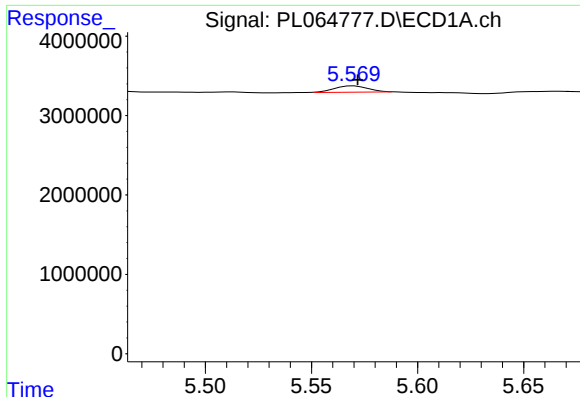
#6 beta-BHC

R.T.: 4.389 min
Delta R.T.: -0.002 min
Response: 20468190
Conc: 11.98 ng/ml



#6 beta-BHC

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 21958922
Conc: 14.09 ng/ml m



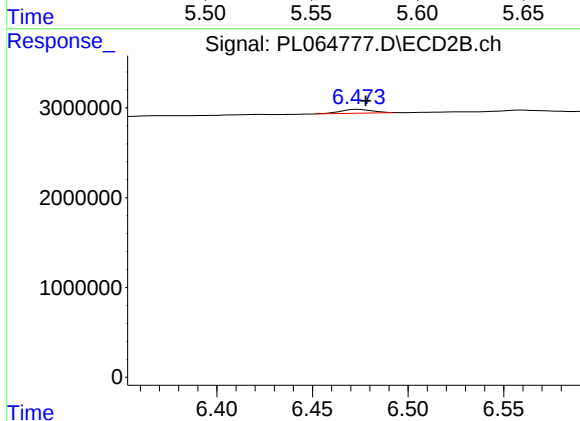
#12 4,4'-DDE

R.T.: 5.569 min
Delta R.T.: -0.003 min
Response: 882750
Conc: 0.28 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

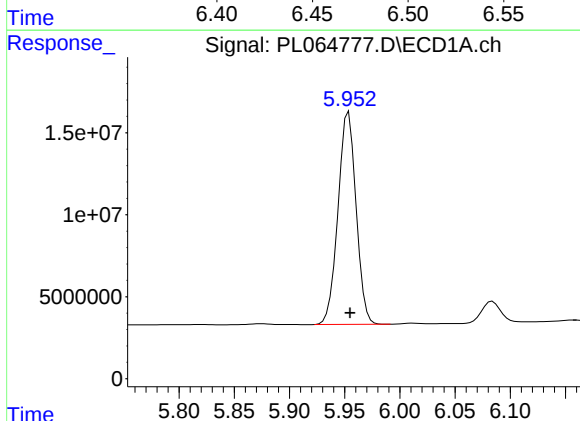
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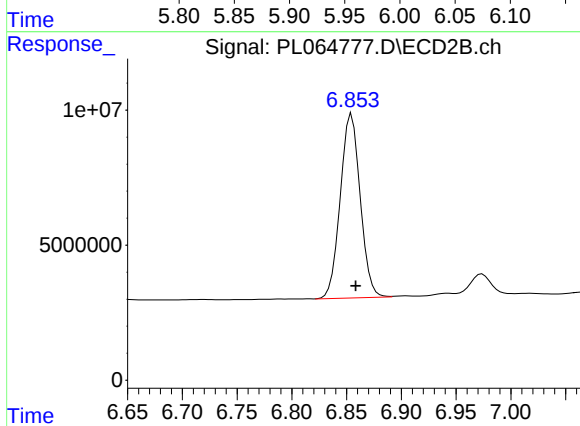
#12 4,4'-DDE

R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 496562
Conc: 0.24 ng/ml m



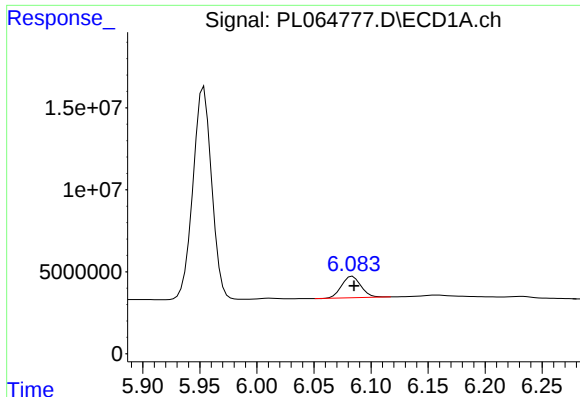
#14 Endrin

R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 147789508
Conc: 49.21 ng/ml



#14 Endrin

R.T.: 6.855 min
Delta R.T.: -0.004 min
Response: 86193420
Conc: 47.68 ng/ml



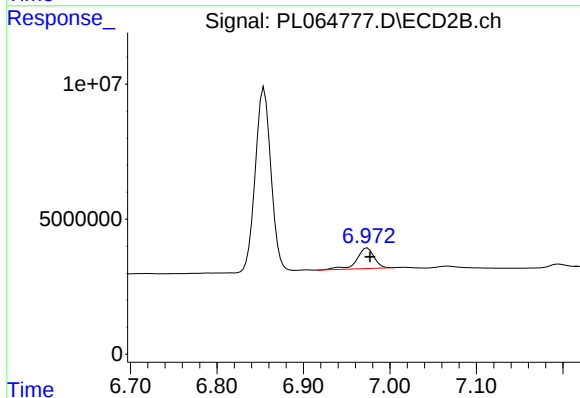
#16 4,4'-DDD

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 15440286
Conc: 6.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

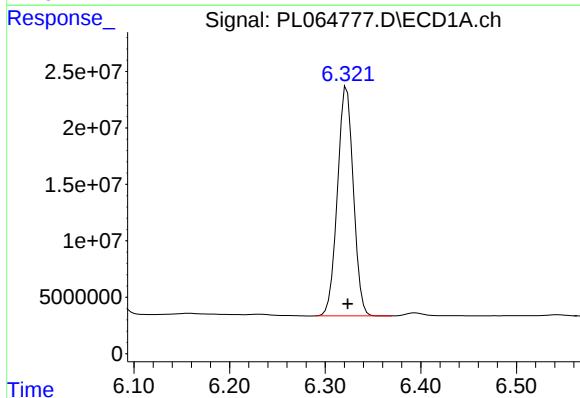
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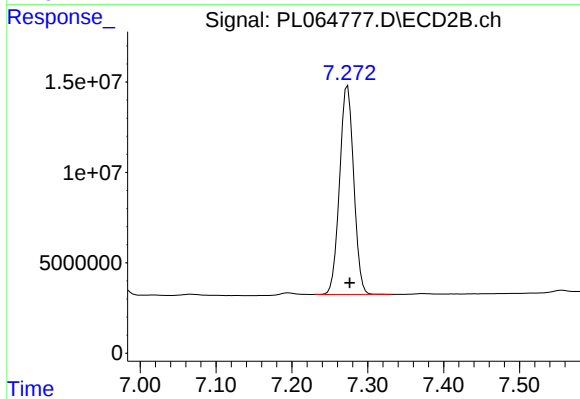
#16 4,4'-DDD

R.T.: 6.974 min
Delta R.T.: -0.003 min
Response: 10732719
Conc: 6.19 ng/ml



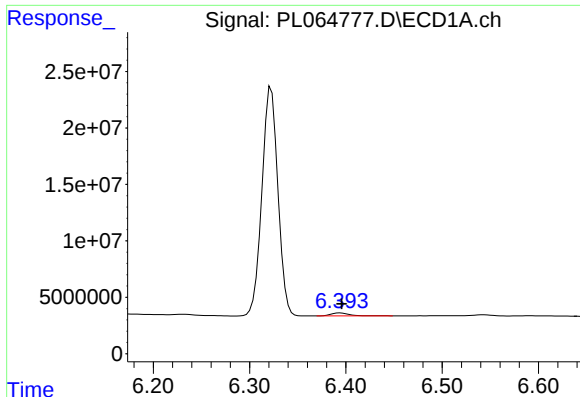
#17 4,4'-DDT

R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 234609630
Conc: 104.04 ng/ml



#17 4,4'-DDT

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 149720042
Conc: 98.20 ng/ml



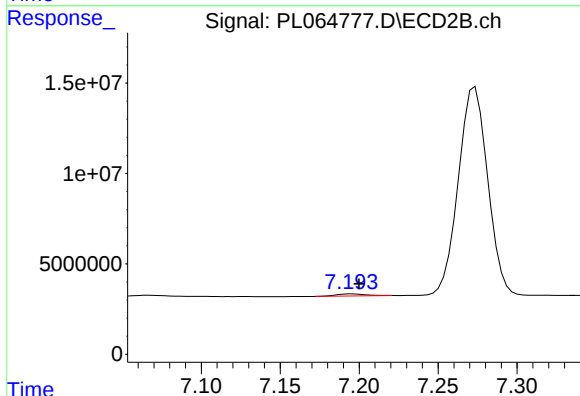
#18 Endrin aldehyde

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 3384013
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

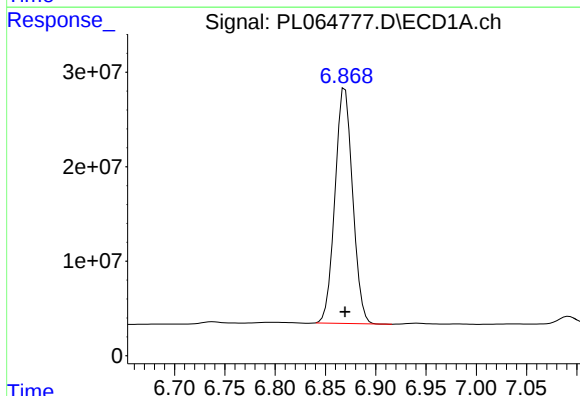
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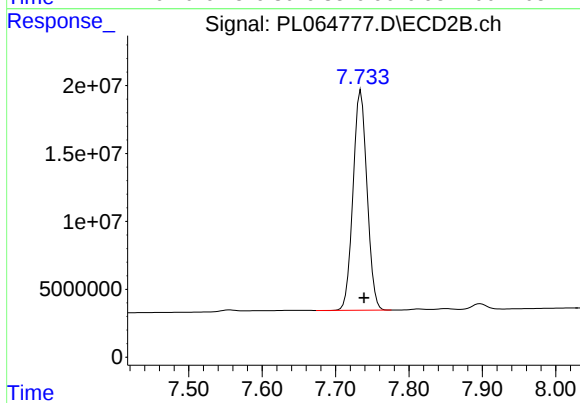
#18 Endrin aldehyde

R.T.: 7.193 min
Delta R.T.: -0.007 min
Response: 1530622
Conc: 0.94 ng/ml m



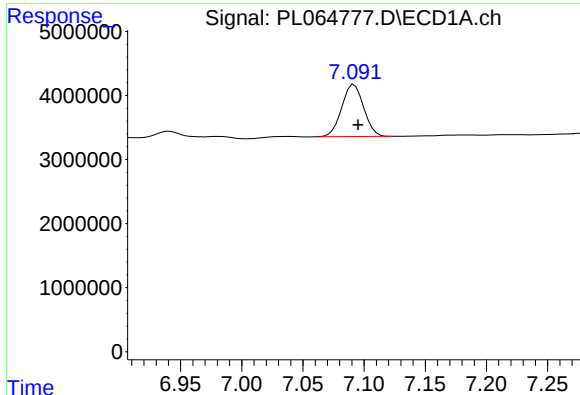
#20 Methoxychlor

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 302873493
Conc: 233.91 ng/ml



#20 Methoxychlor

R.T.: 7.735 min
Delta R.T.: -0.004 min
Response: 214370689
Conc: 237.15 ng/ml



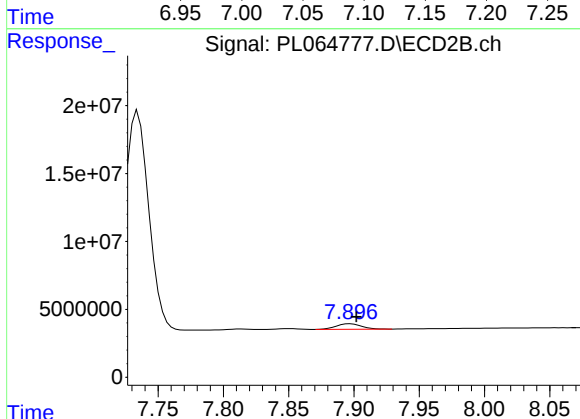
#21 Endrin ketone

R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 10150956
Conc: 3.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

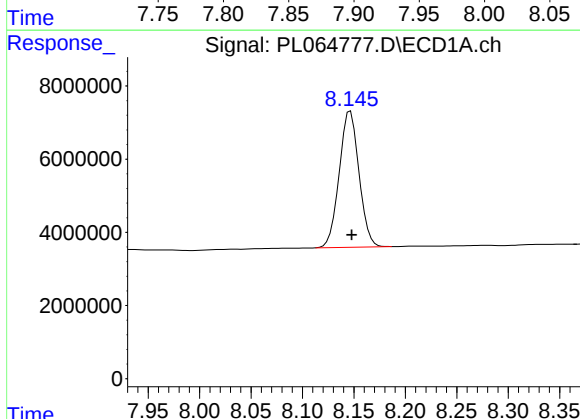
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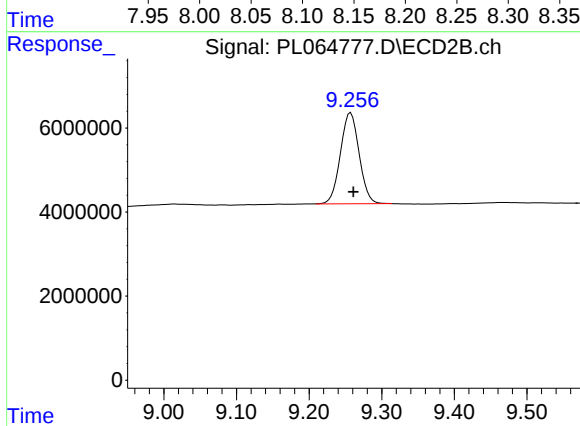
#21 Endrin ketone

R.T.: 7.897 min
Delta R.T.: -0.005 min
Response: 5490286
Conc: 2.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.147 min
Delta R.T.: -0.001 min
Response: 49768911
Conc: 22.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.257 min
Delta R.T.: -0.004 min
Response: 38884674
Conc: 20.47 ng/ml