

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010323\
 Data File : PL080046.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2023 19:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/04/2023
 Supervised By : Ankita Jodhani 01/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 03 20:39:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL123022.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 30 05:17:19 2022
 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...	3.365	2.695	24484932	37144207	17.650	20.215
28)	SA Decachlor...	8.817	7.852	28796999	37764606	20.483	22.584
Target Compounds							
2)	A alpha-BHC	3.814	3.196	16011326	23723735	8.354	9.451
3)	MA gamma-BHC...	4.143	3.525	15728358	23272941	9.022	9.743
6)	B beta-BHC	4.339	3.820	8895868	11459633	10.503	10.681
12)	B 4,4'-DDE	6.004	5.166	176351	219402	0.120m	0.120m
14)	MA Endrin	6.378	5.560	62028085	82616636	47.292	53.378
16)	A 4,4'-DDD	6.521	5.714	2886920	3631659	2.302	2.384
17)	MA 4,4'-DDT	6.834	5.966	133.4E6	172.1E6	105.152	131.029
18)	B Endrin al...	6.727	6.035	2366874	3644493	2.165	2.709m#
20)	A Methoxychlor	7.314	6.546	188.0E6	231.5E6	265.239	300.655
21)	B Endrin ke...	7.441	6.761	5227103	7355871	3.447	3.985m

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

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Acq On : 03 Jan 2023 19:02
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

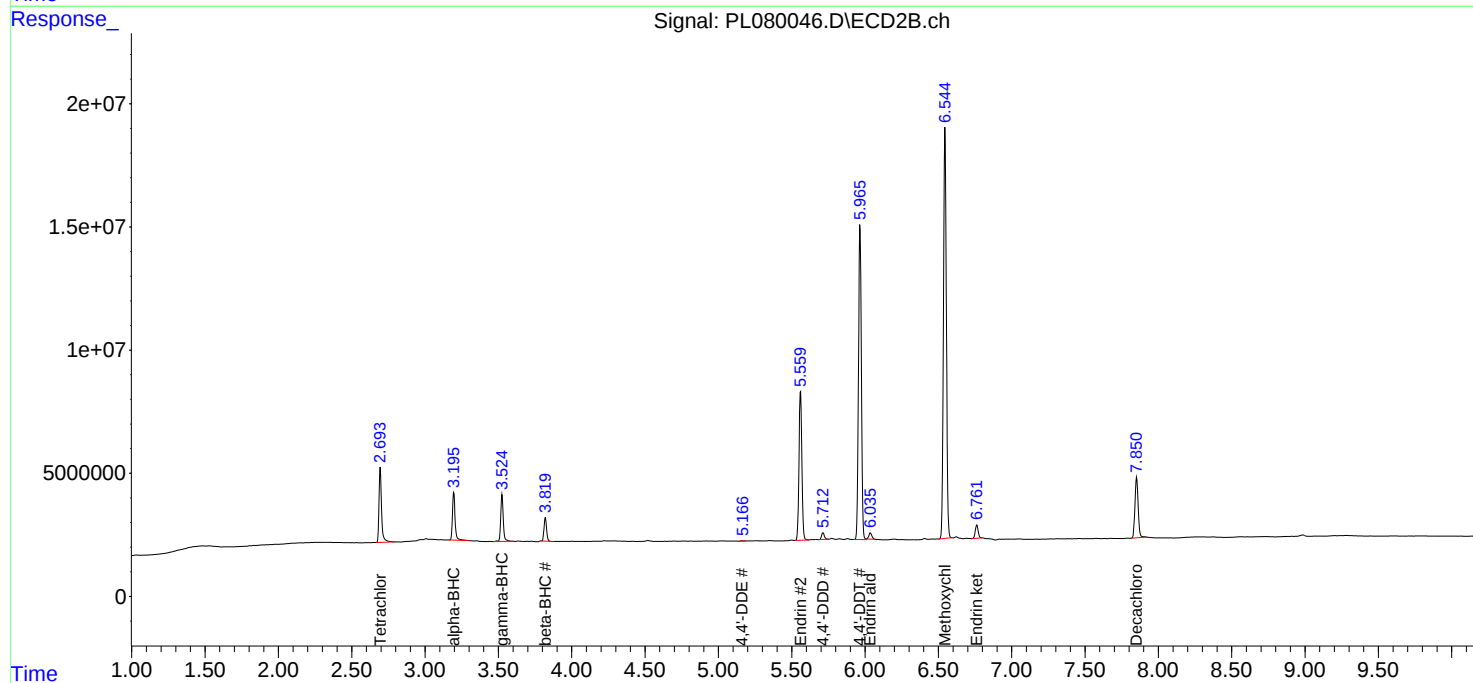
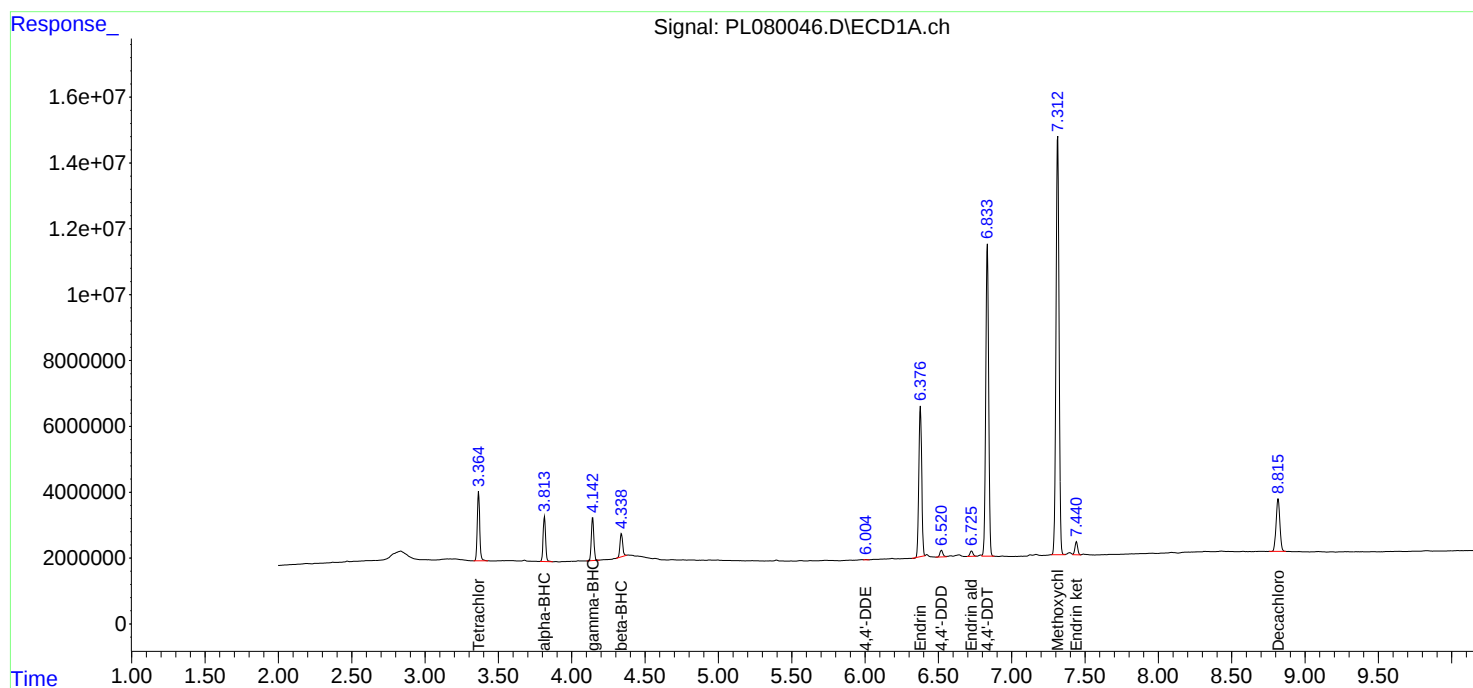
Instrument :
ECD_L
ClientSampleId :
PEM

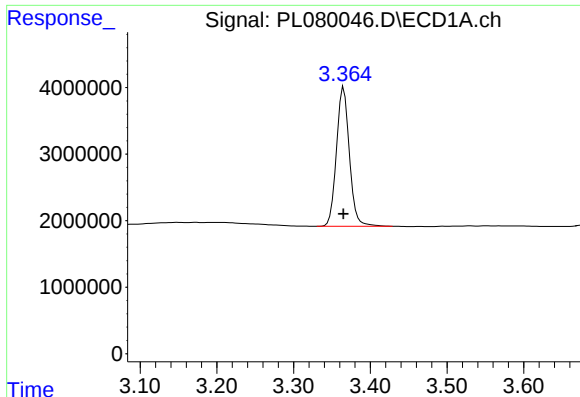
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 03 20:39:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL123022.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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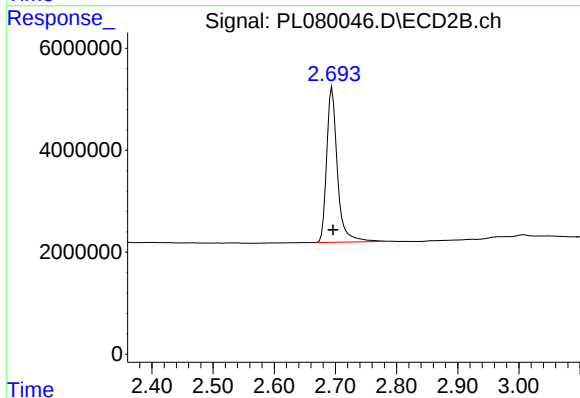
#1 Tetrachloro-m-xylene

R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 24484932
Conc: 17.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

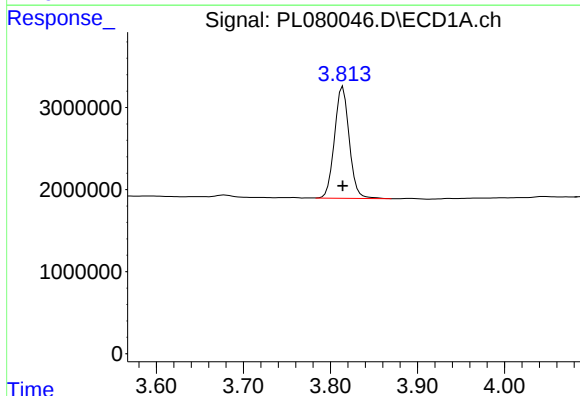
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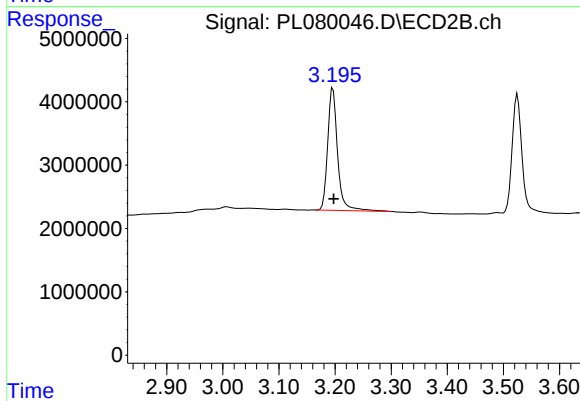
#1 Tetrachloro-m-xylene

R.T.: 2.695 min
Delta R.T.: -0.001 min
Response: 37144207
Conc: 20.22 ng/ml



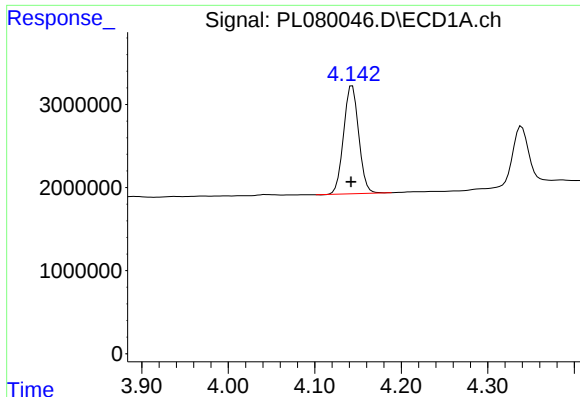
#2 alpha-BHC

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 16011326
Conc: 8.35 ng/ml



#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.002 min
Response: 23723735
Conc: 9.45 ng/ml



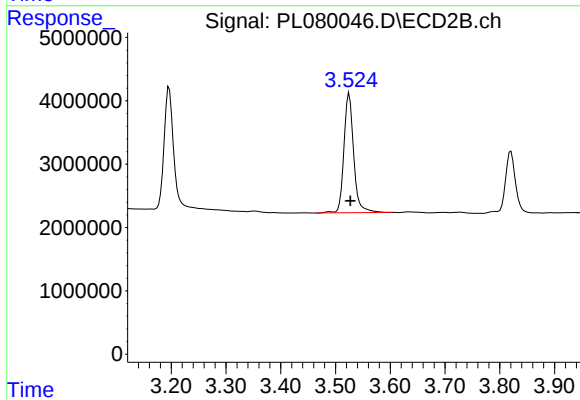
#3 gamma-BHC (Lindane)

R.T.: 4.143 min
Delta R.T.: 0.001 min
Response: 15728358
Conc: 9.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

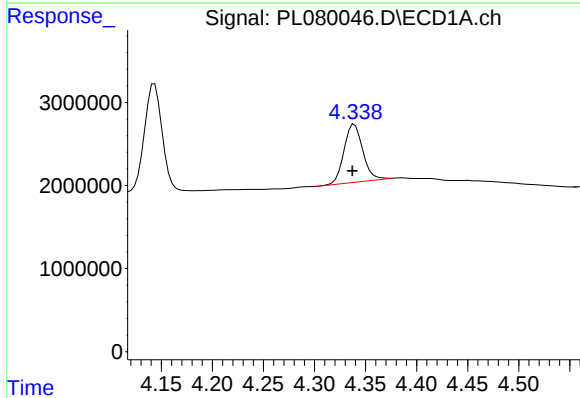
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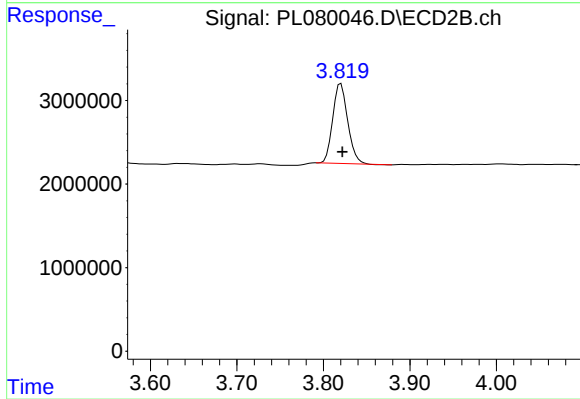
#3 gamma-BHC (Lindane)

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 23272941
Conc: 9.74 ng/ml



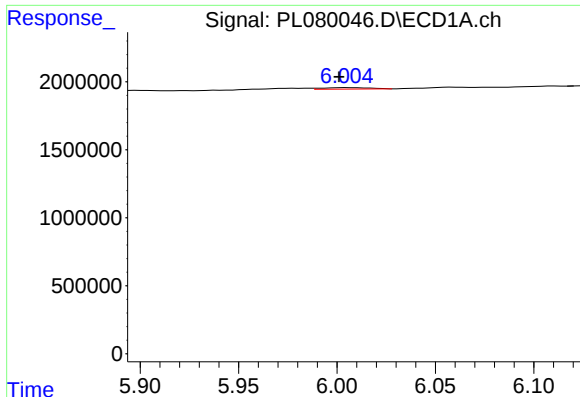
#6 beta-BHC

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 8895868
Conc: 10.50 ng/ml



#6 beta-BHC

R.T.: 3.820 min
Delta R.T.: -0.002 min
Response: 11459633
Conc: 10.68 ng/ml



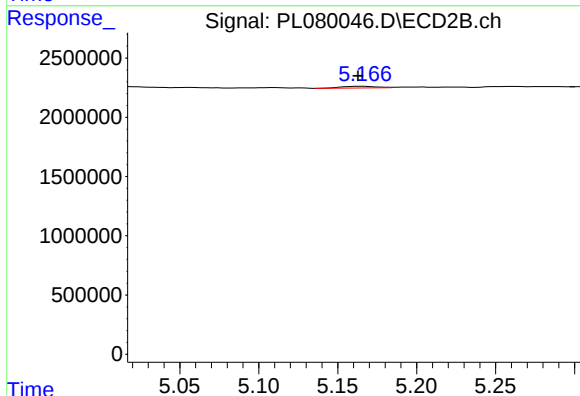
#12 4,4'-DDE

R.T.: 6.004 min
Delta R.T.: 0.003 min
Response: 176351
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

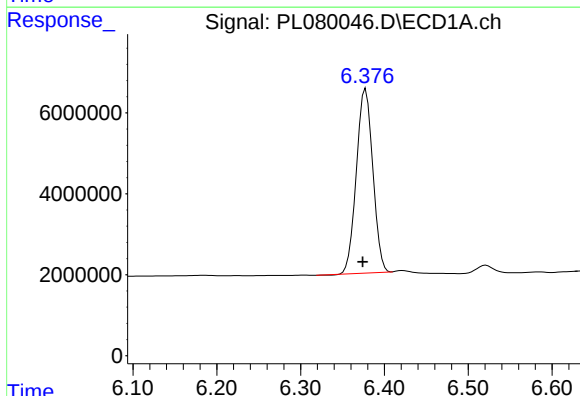
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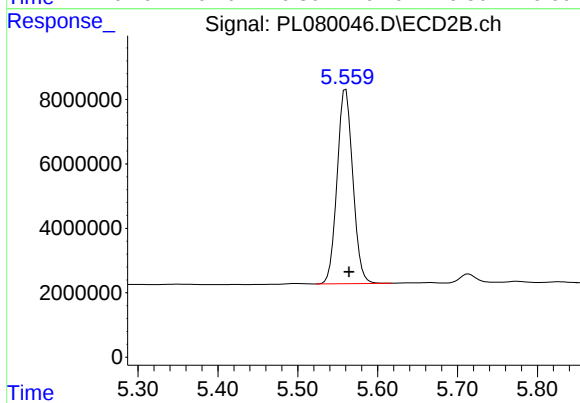
#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: 0.003 min
Response: 219402
Conc: 0.12 ng/ml m



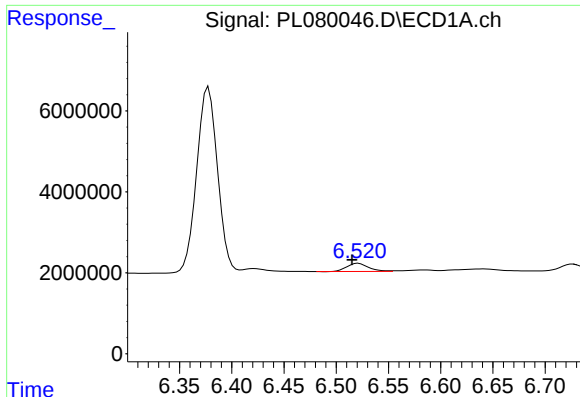
#14 Endrin

R.T.: 6.378 min
Delta R.T.: 0.004 min
Response: 62028085
Conc: 47.29 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.004 min
Response: 82616636
Conc: 53.38 ng/ml



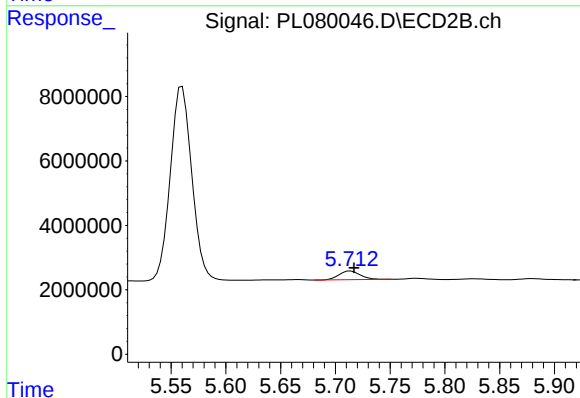
#16 4,4'-DDD

R.T.: 6.521 min
Delta R.T.: 0.006 min
Response: 2886920
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

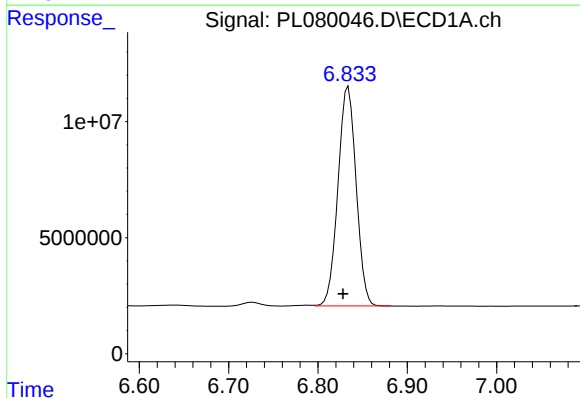
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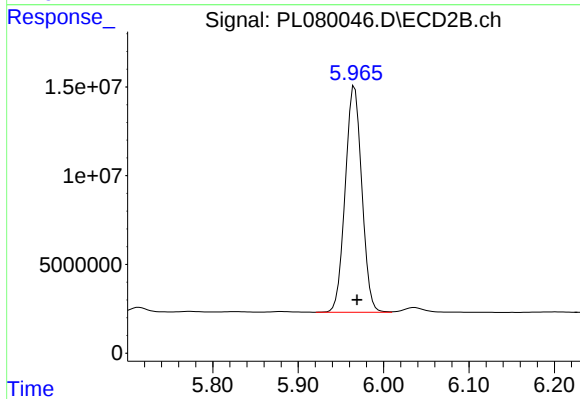
#16 4,4'-DDD

R.T.: 5.714 min
Delta R.T.: -0.003 min
Response: 3631659
Conc: 2.38 ng/ml



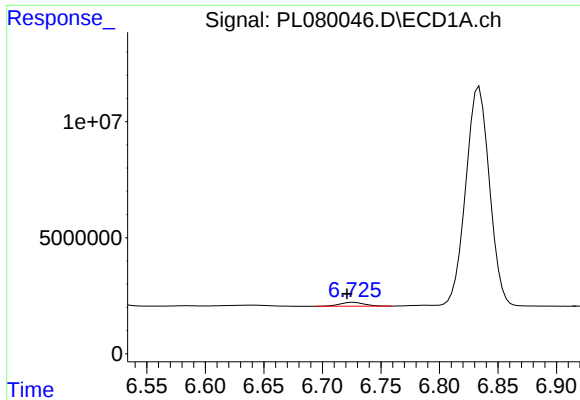
#17 4,4'-DDT

R.T.: 6.834 min
Delta R.T.: 0.006 min
Response: 133378155
Conc: 105.15 ng/ml



#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.003 min
Response: 172109260
Conc: 131.03 ng/ml



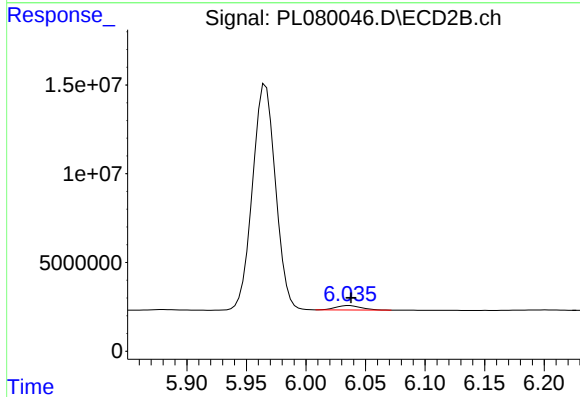
#18 Endrin aldehyde

R.T.: 6.727 min
Delta R.T.: 0.006 min
Response: 2366874
Conc: 2.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

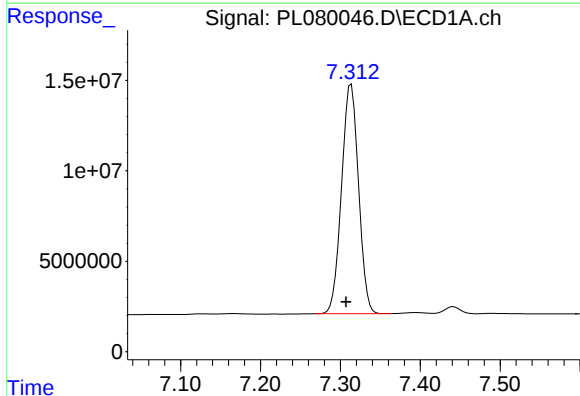
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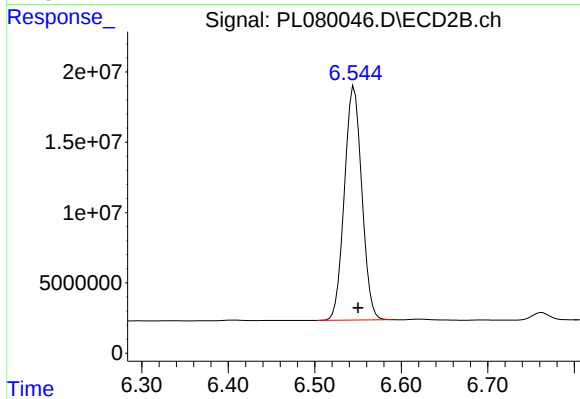
#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 3644493
Conc: 2.71 ng/ml m



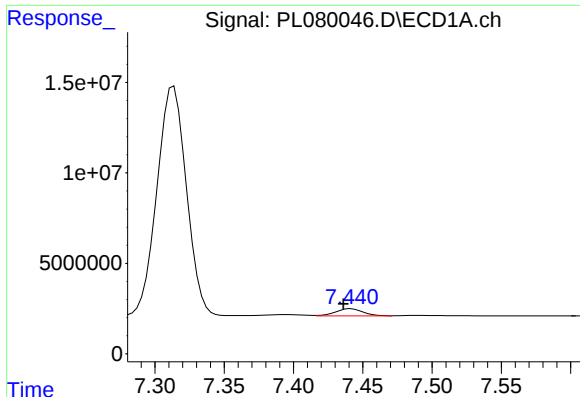
#20 Methoxychlor

R.T.: 7.314 min
Delta R.T.: 0.007 min
Response: 187991724
Conc: 265.24 ng/ml



#20 Methoxychlor

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 231527338
Conc: 300.66 ng/ml



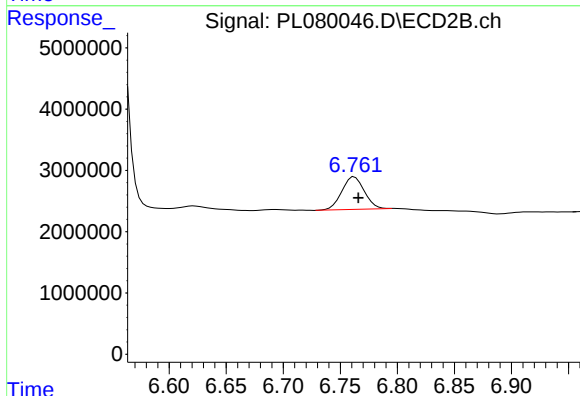
#21 Endrin ketone

R.T.: 7.441 min
Delta R.T.: 0.005 min
Response: 5227103
Conc: 3.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

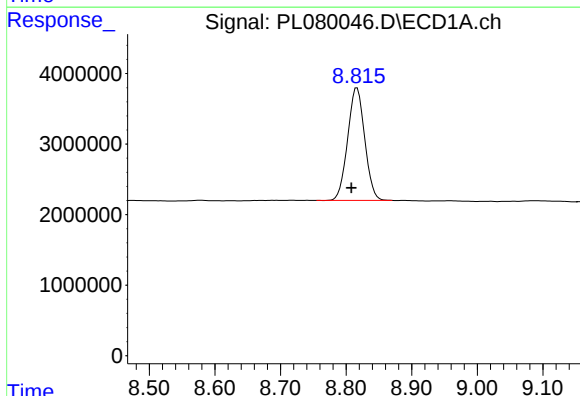
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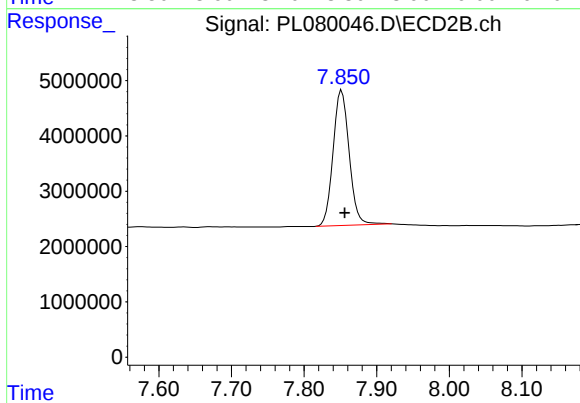
#21 Endrin ketone

R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 7355871
Conc: 3.98 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.009 min
Response: 28796999
Conc: 20.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.852 min
Delta R.T.: -0.004 min
Response: 37764606
Conc: 22.58 ng/ml