

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012723\
 Data File : PL080550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2023 08:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/30/2023
 Supervised By : Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 23:21:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.353	2.689	47416572	44672764	22.107	20.339
28)	SA Decachlor...	8.790	7.837	37902538	45454381	21.649	19.078
Target Compounds							
2)	A alpha-BHC	3.801	3.190	32213399	28561224	10.168	8.980
3)	MA gamma-BHC...	4.129	3.519	31130555	27799168	10.589	9.306
6)	B beta-BHC	4.326	3.815	15462879	14644798	11.328	10.973
12)	B 4,4'-DDE	5.988	5.150	646479	701638	0.290	0.297
14)	MA Endrin	6.358	5.551	94188099	97217982	43.551m	41.883
16)	A 4,4'-DDD	6.502	5.703	9283903	8024605	5.068	4.270
17)	MA 4,4'-DDT	6.815	5.955	183.4E6	192.1E6	88.270	91.418
18)	B Endrin al...	6.707	6.024	3975953	4520859	2.390m	2.476m
20)	A Methoxychlor	7.293	6.533	241.5E6	250.0E6	218.909	206.038
21)	B Endrin ke...	7.420	6.751	9817971	11703815	4.450m	4.584m

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

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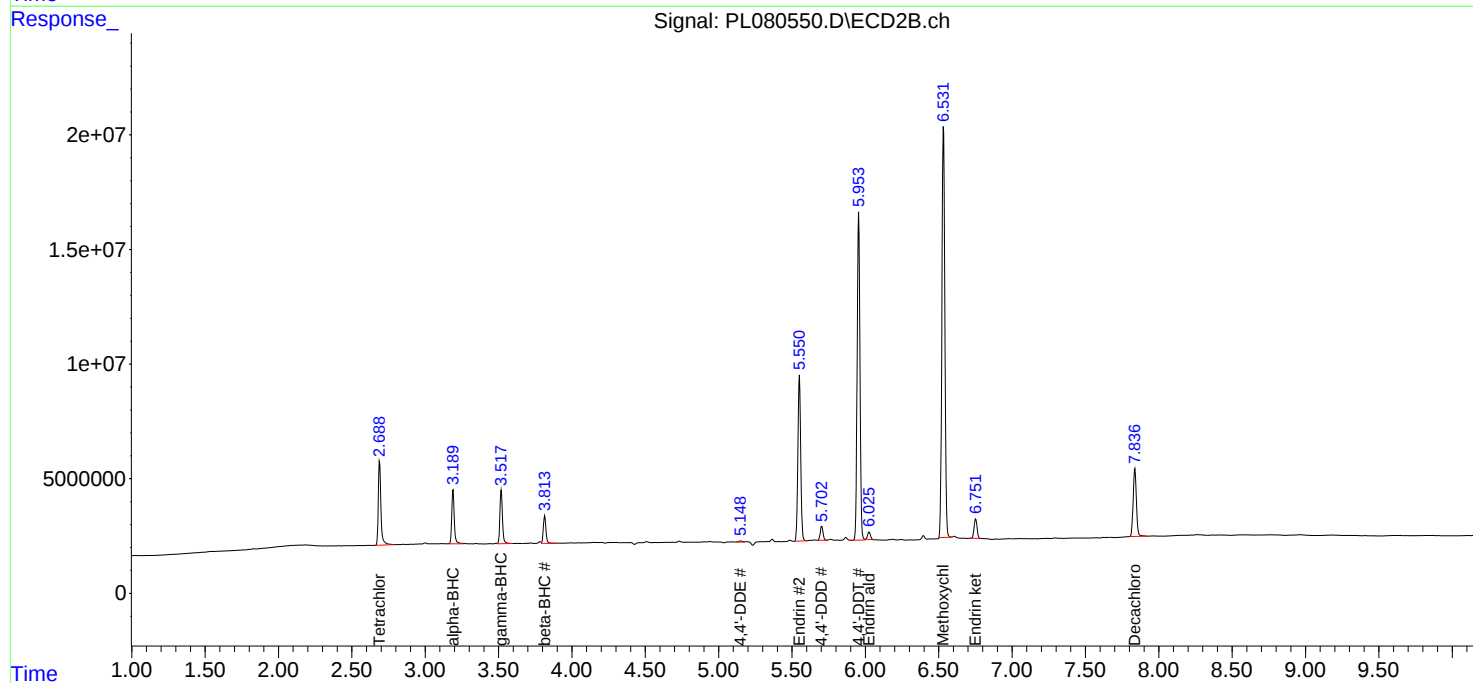
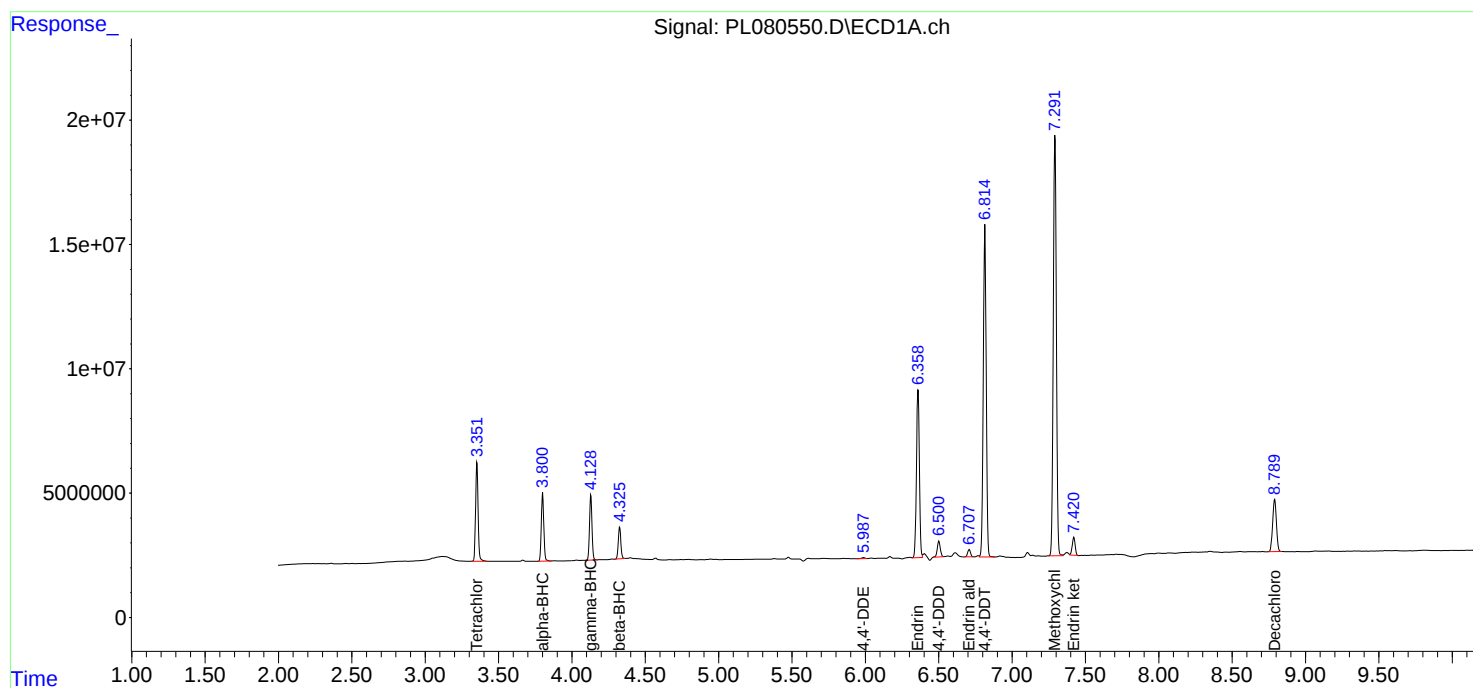
Instrument :
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ClientSampleId :
PEM

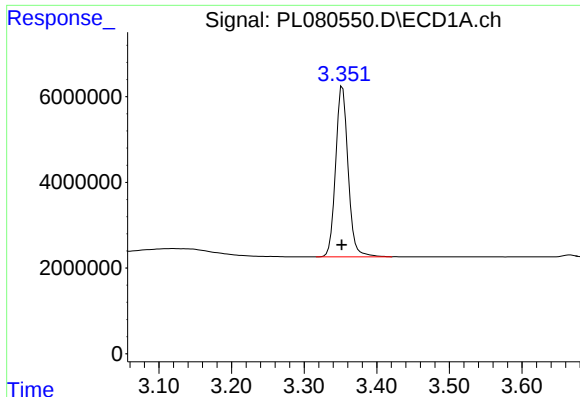
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Integration File signal 1: autoint1.e
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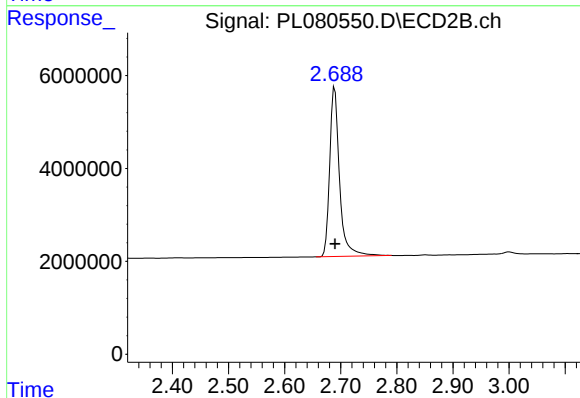
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 47416572
Conc: 22.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

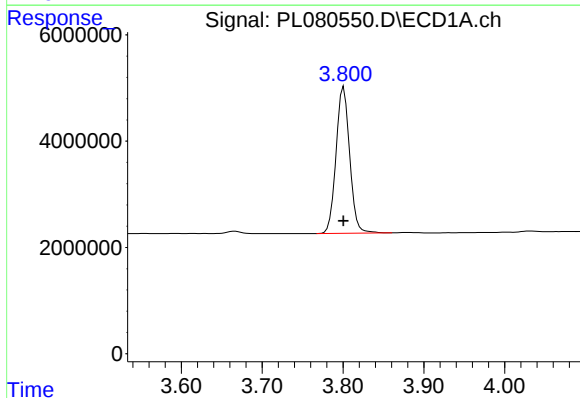
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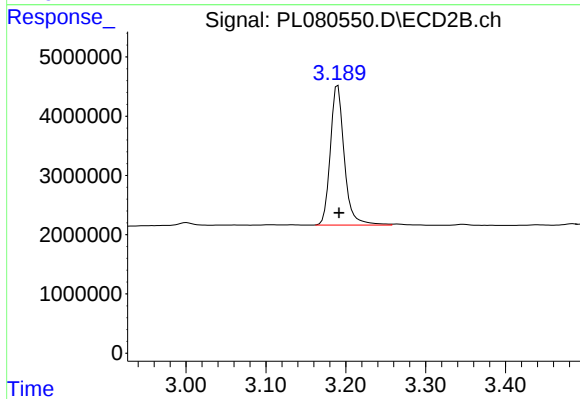
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 44672764
Conc: 20.34 ng/ml



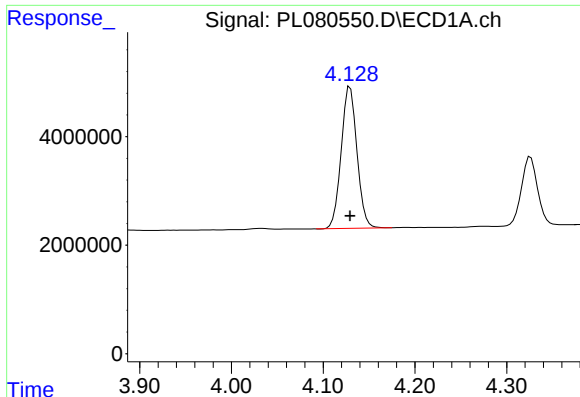
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 32213399
Conc: 10.17 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 28561224
Conc: 8.98 ng/ml



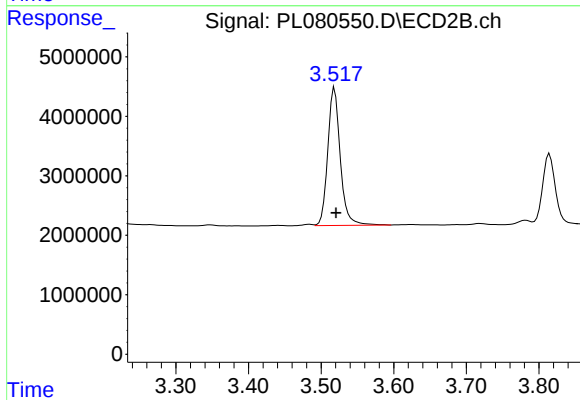
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 31130555
Conc: 10.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

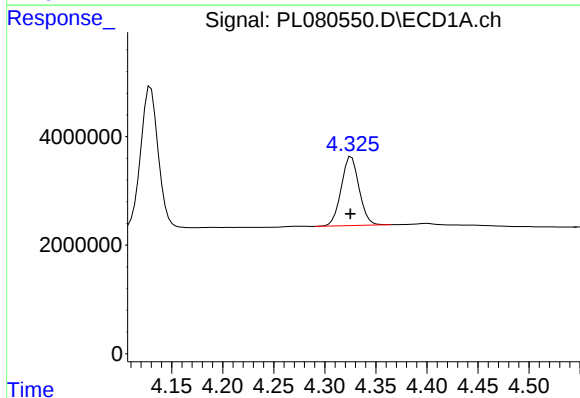
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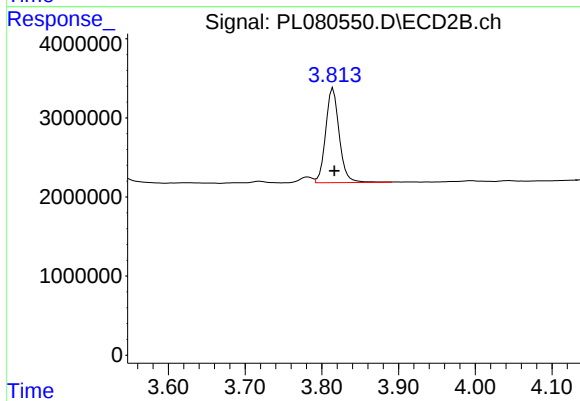
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.002 min
Response: 27799168
Conc: 9.31 ng/ml



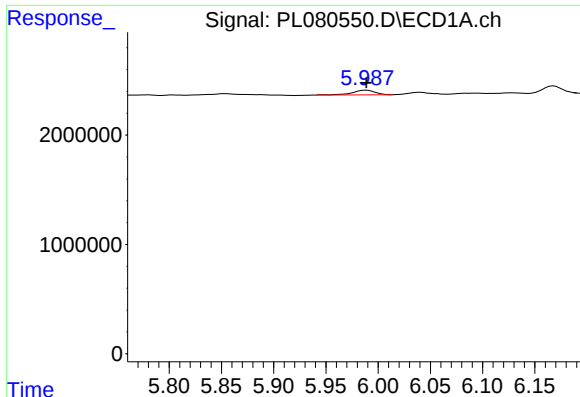
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 15462879
Conc: 11.33 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 14644798
Conc: 10.97 ng/ml



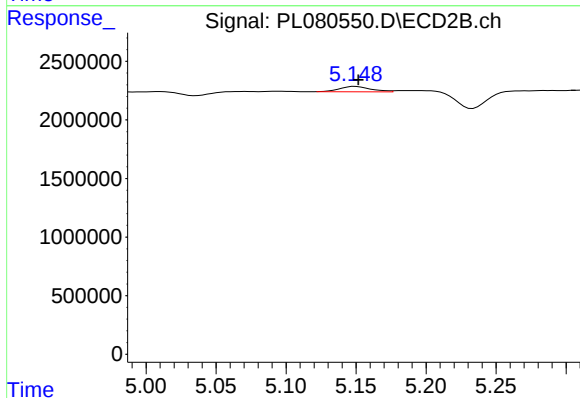
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 646479
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

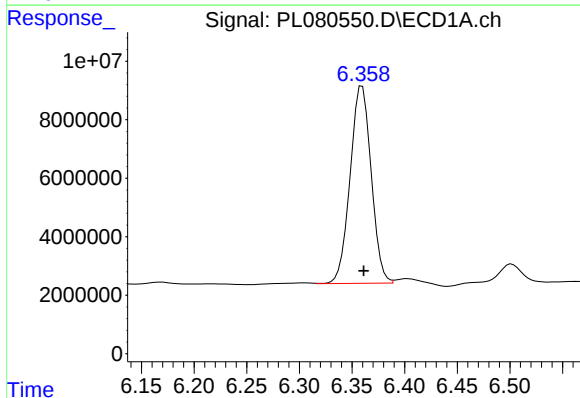
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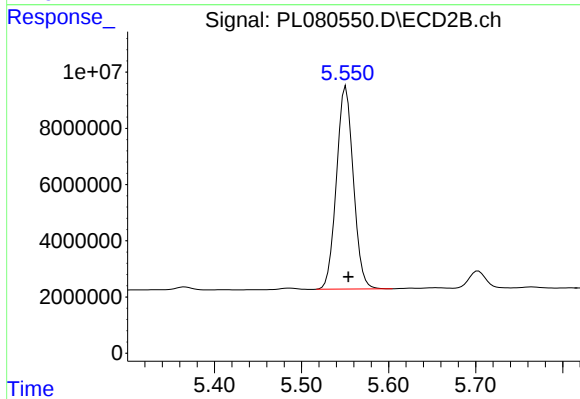
#12 4,4'-DDE

R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 701638
Conc: 0.30 ng/ml



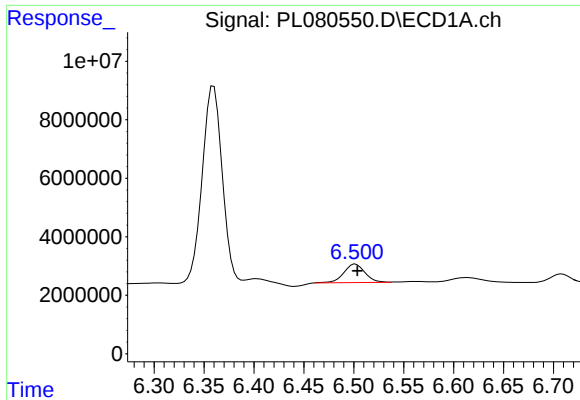
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 94188099
Conc: 43.55 ng/ml m



#14 Endrin

R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 97217982
Conc: 41.88 ng/ml



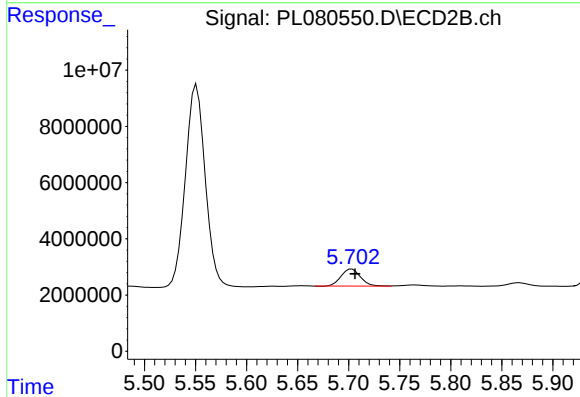
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 9283903
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

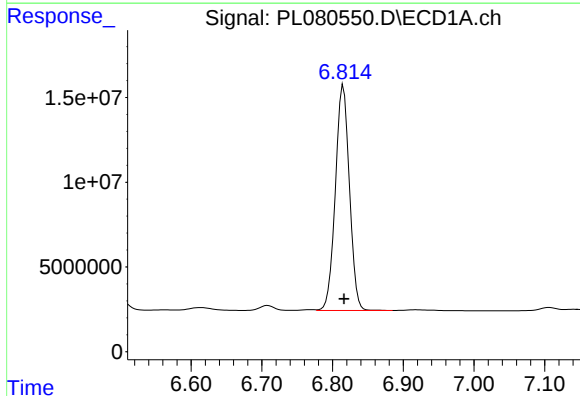
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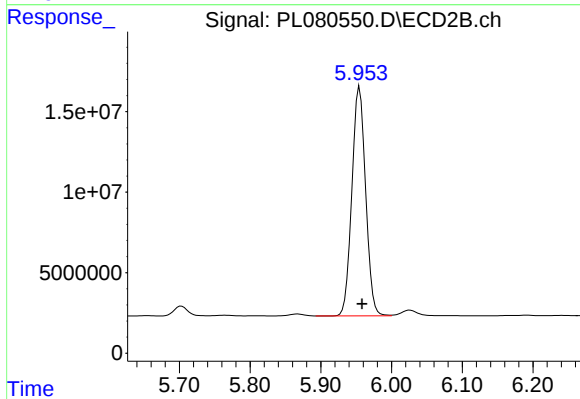
#16 4,4'-DDD

R.T.: 5.703 min
Delta R.T.: -0.003 min
Response: 8024605
Conc: 4.27 ng/ml



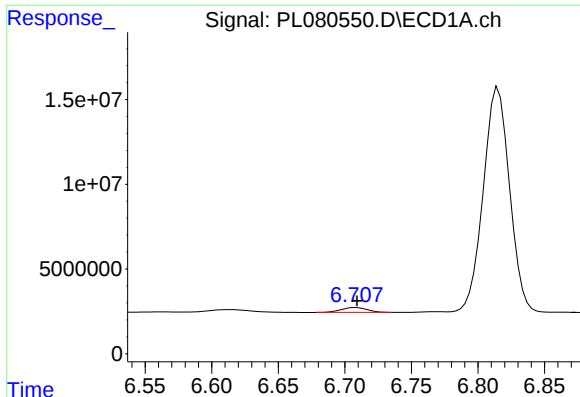
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 183394619
Conc: 88.27 ng/ml



#17 4,4'-DDT

R.T.: 5.955 min
Delta R.T.: -0.004 min
Response: 192114135
Conc: 91.42 ng/ml



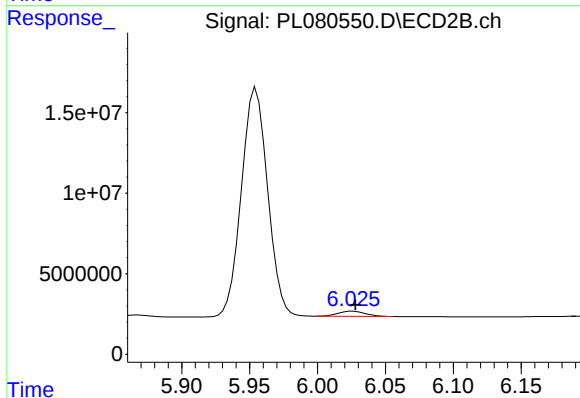
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 3975953
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

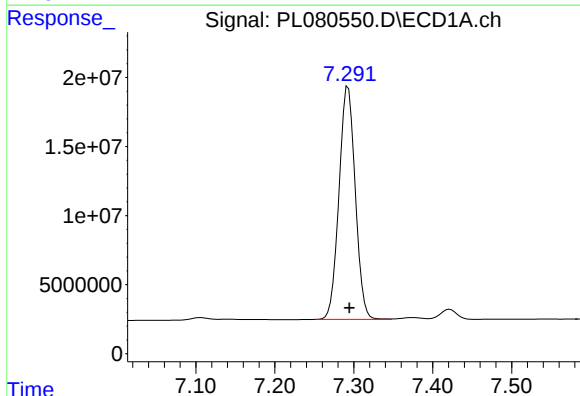
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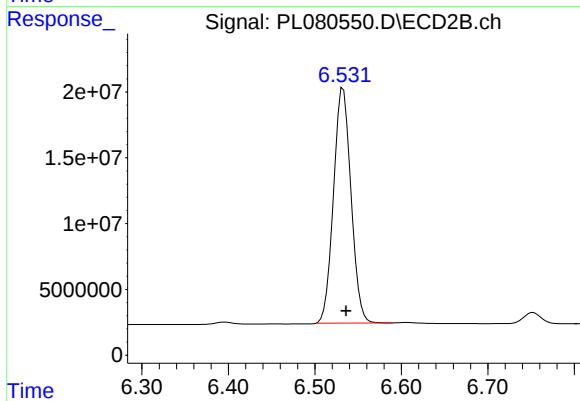
#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 4520859
Conc: 2.48 ng/ml m



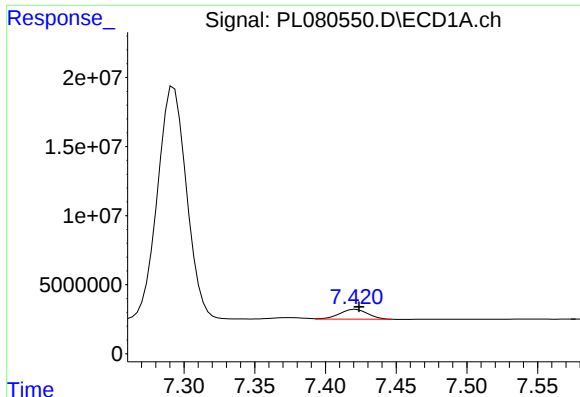
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 241520243
Conc: 218.91 ng/ml



#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.003 min
Response: 250020229
Conc: 206.04 ng/ml



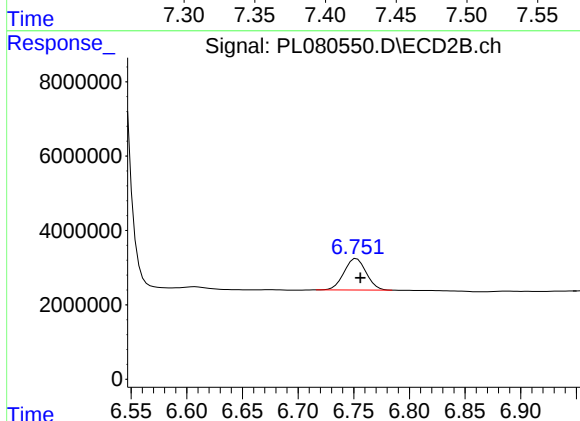
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 9817971
Conc: 4.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

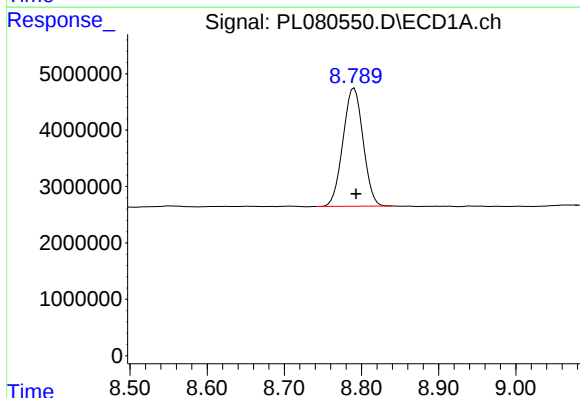
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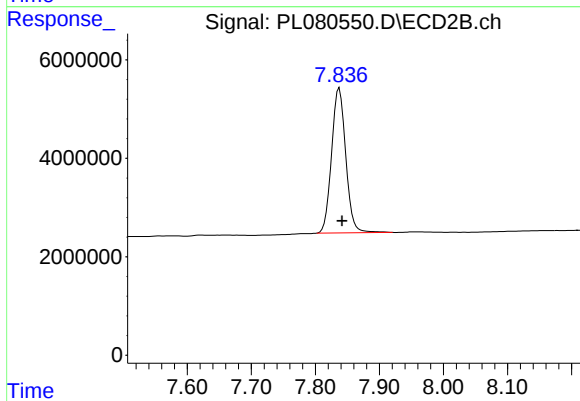
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 11703815
Conc: 4.58 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 37902538
Conc: 21.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.837 min
Delta R.T.: -0.004 min
Response: 45454381
Conc: 19.08 ng/ml