

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011723\
 Data File : PL080357.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2023 09:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/18/2023
 Supervised By : Ankita Jodhani 01/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 20:32:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 12 01:47:41 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...	3.355	2.692	45377904	43566816	22.715	19.479
28)	SA Decachlor...	8.794	7.843	35910599	46382016	24.339	20.634
Target Compounds							
2)	A alpha-BHC	3.803	3.193	30571875	28287530	10.585	8.830
3)	MA gamma-BHC...	4.131	3.522	29826458	27131259	11.158	8.987
6)	B beta-BHC	4.327	3.818	15011674	14079256	12.700	10.461
12)	B 4,4'-DDE	5.988	5.153	356165	433543	0.184m	0.185m
14)	MA Endrin	6.363	5.556	98807731	104.4E6	53.869	43.863
16)	A 4,4'-DDD	6.504	5.708	9232891	6869366	5.834	3.706 #
17)	MA 4,4'-DDT	6.818	5.960	188.0E6	208.4E6	106.623	98.907
18)	B Endrin al...	6.710	6.031	4265542	5224623	2.957	2.870
20)	A Methoxychlor	7.296	6.539	244.9E6	270.0E6	274.926	224.583
21)	B Endrin ke...	7.424	6.757	8269030	10455052	4.438	4.152

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

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Acq On : 17 Jan 2023 09:00
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

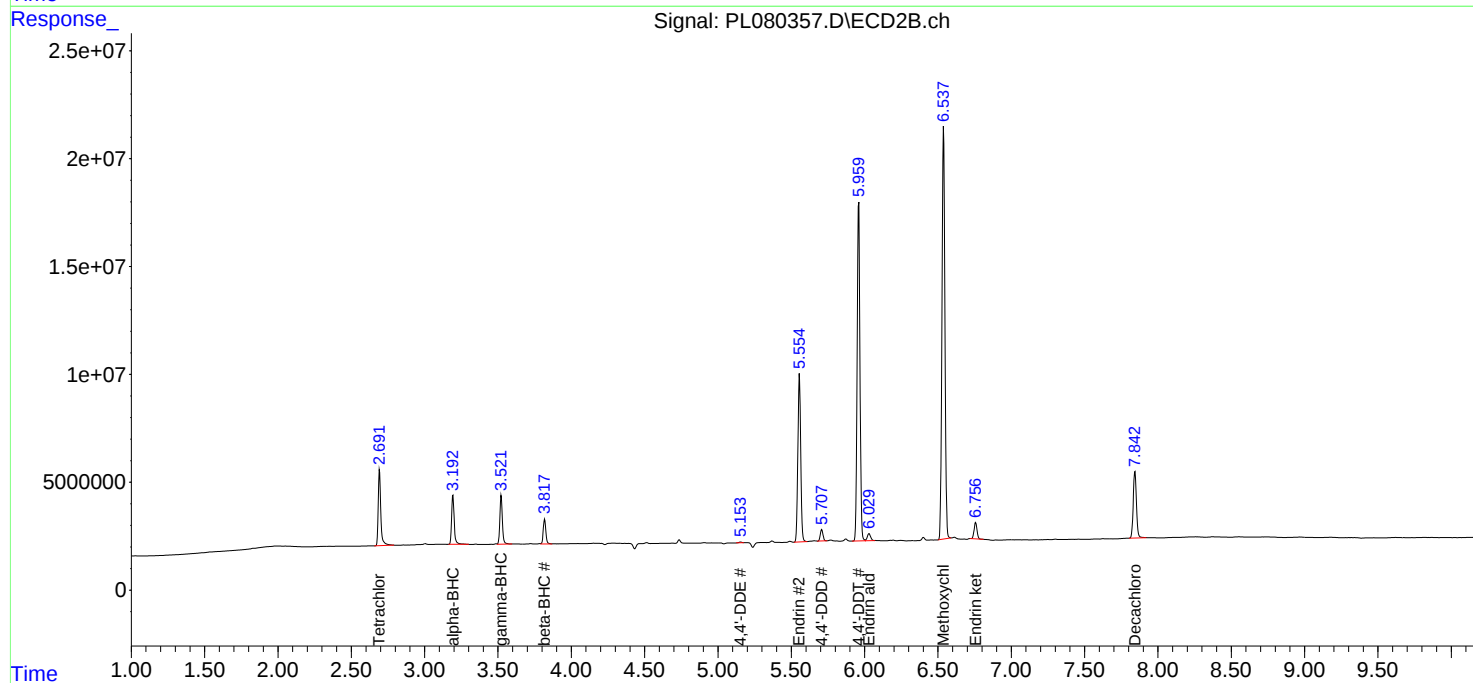
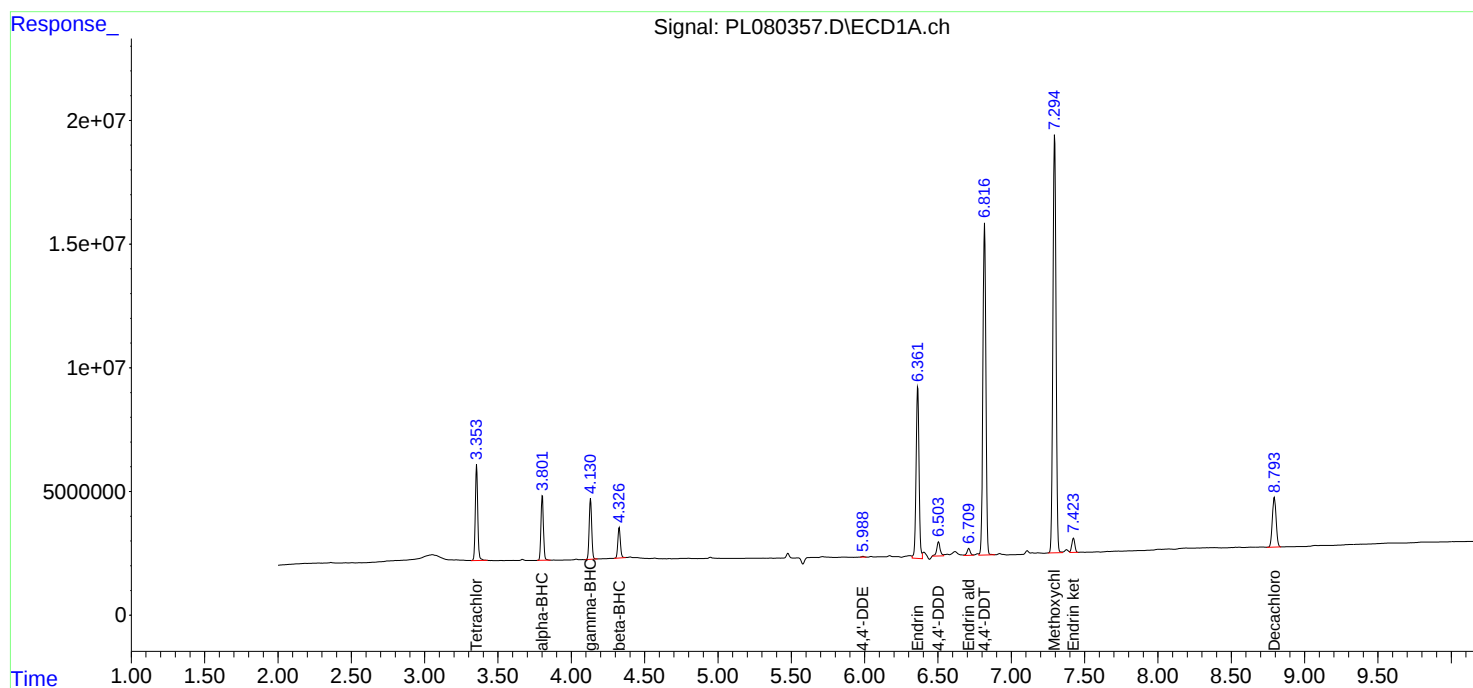
Instrument :
ECD_L
ClientSampleId :
PEM

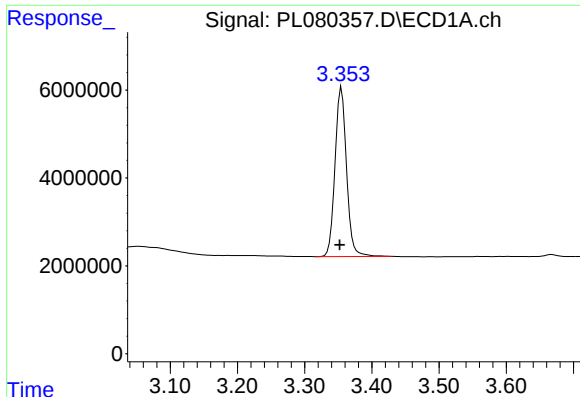
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Integration File signal 2: autoint2.e
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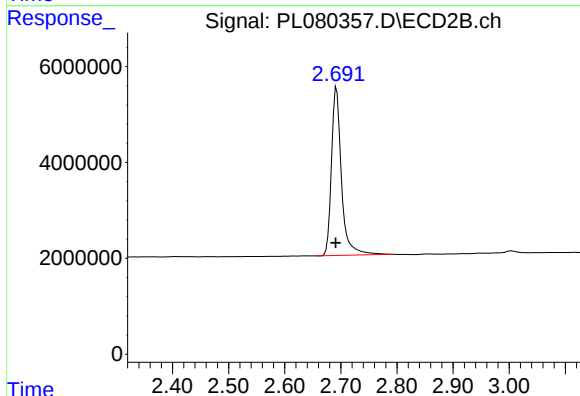
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: 0.003 min
Response: 45377904
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

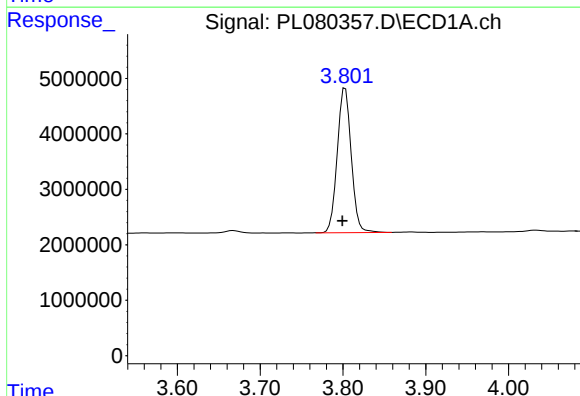
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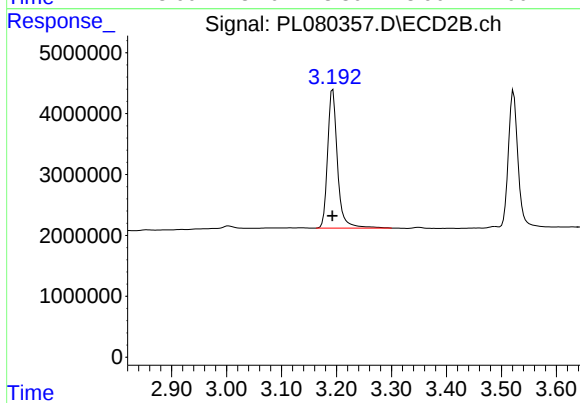
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: 0.002 min
Response: 43566816
Conc: 19.48 ng/ml



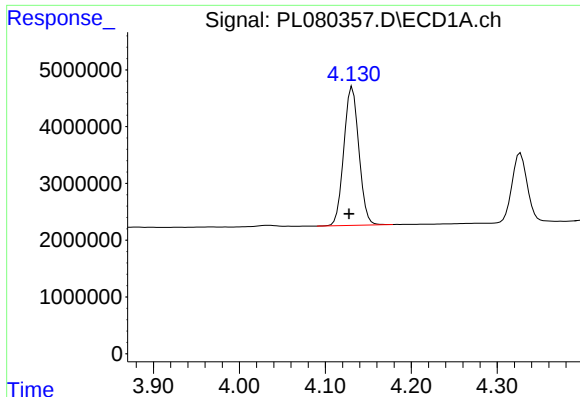
#2 alpha-BHC

R.T.: 3.803 min
Delta R.T.: 0.003 min
Response: 30571875
Conc: 10.58 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 28287530
Conc: 8.83 ng/ml



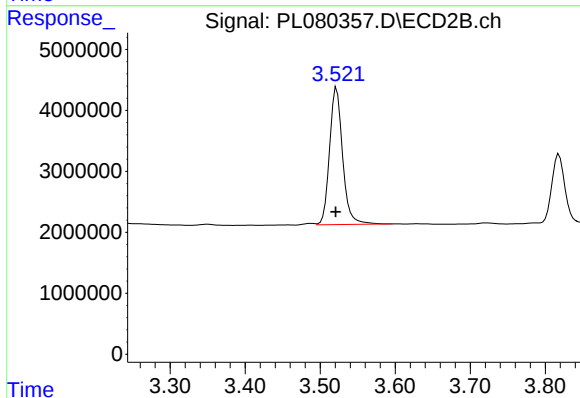
#3 gamma-BHC (Lindane)

R.T.: 4.131 min
Delta R.T.: 0.004 min
Response: 29826458
Conc: 11.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

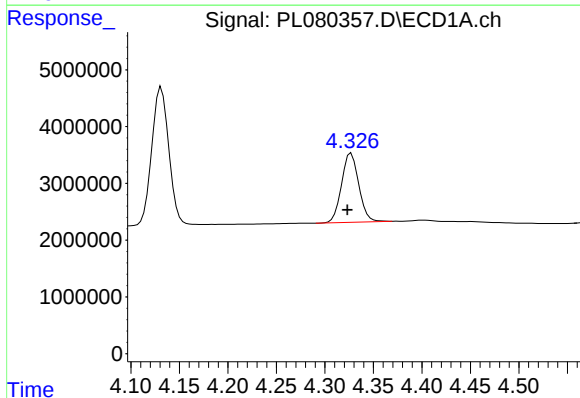
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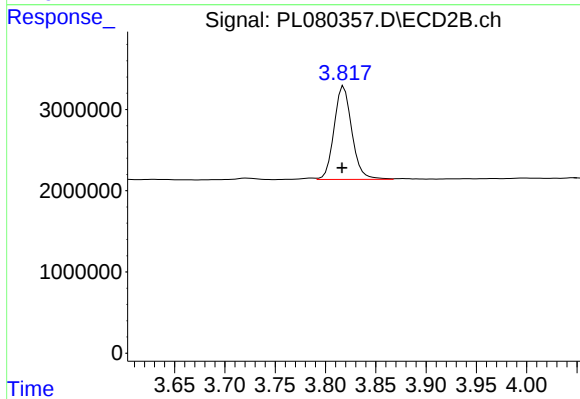
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.001 min
Response: 27131259
Conc: 8.99 ng/ml



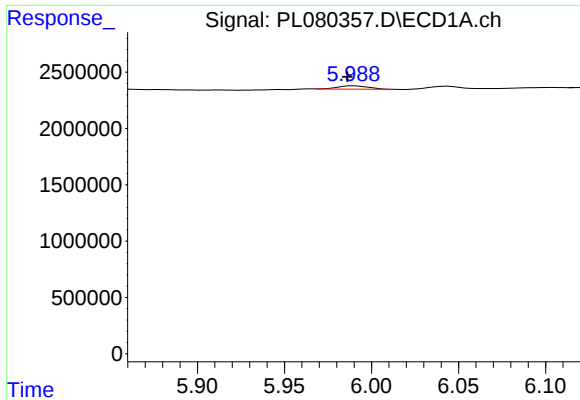
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.004 min
Response: 15011674
Conc: 12.70 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: 0.002 min
Response: 14079256
Conc: 10.46 ng/ml



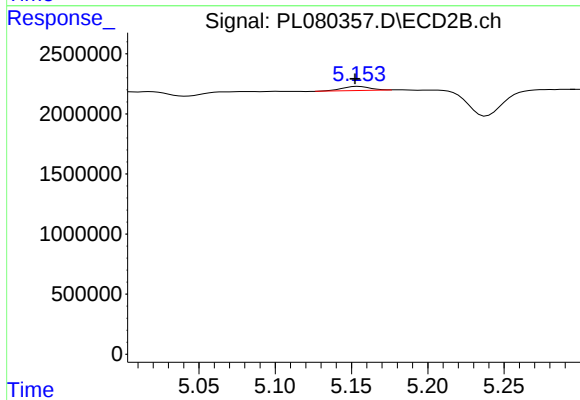
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.002 min
Response: 356165
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

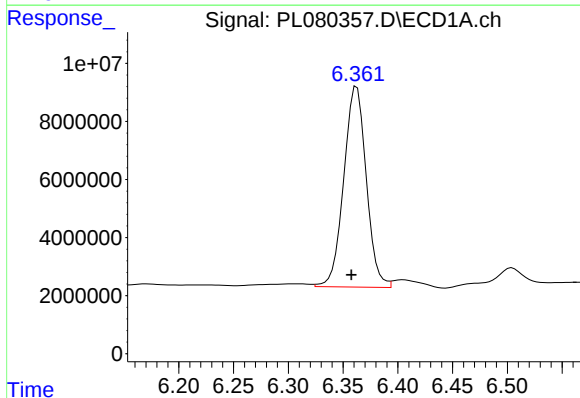
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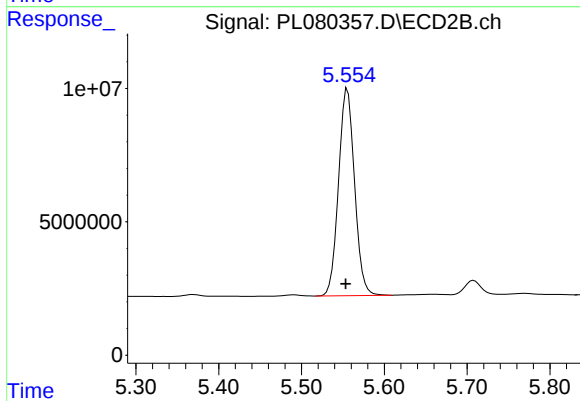
#12 4,4'-DDE

R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 433543
Conc: 0.18 ng/ml m



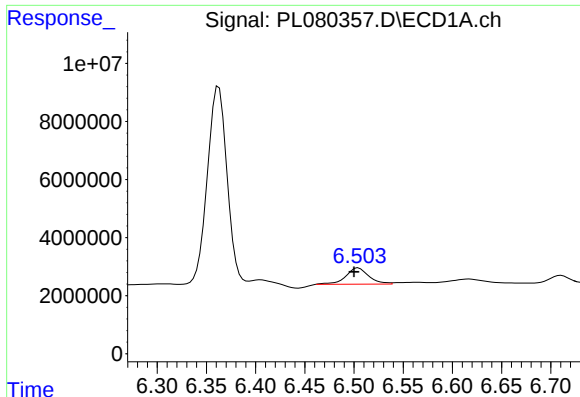
#14 Endrin

R.T.: 6.363 min
Delta R.T.: 0.005 min
Response: 98807731
Conc: 53.87 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: 0.002 min
Response: 104361995
Conc: 43.86 ng/ml



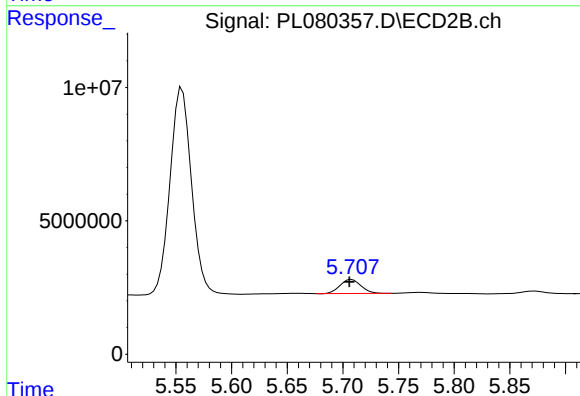
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.004 min
Response: 9232891
Conc: 5.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

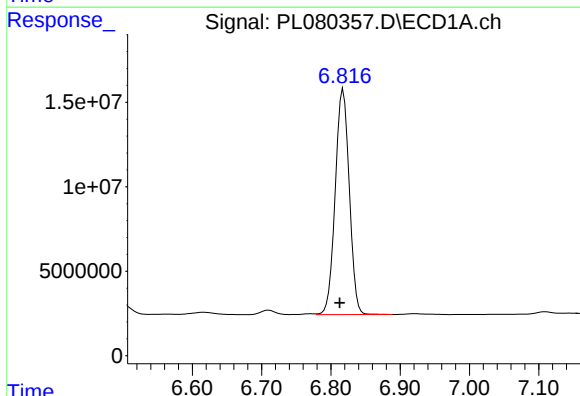
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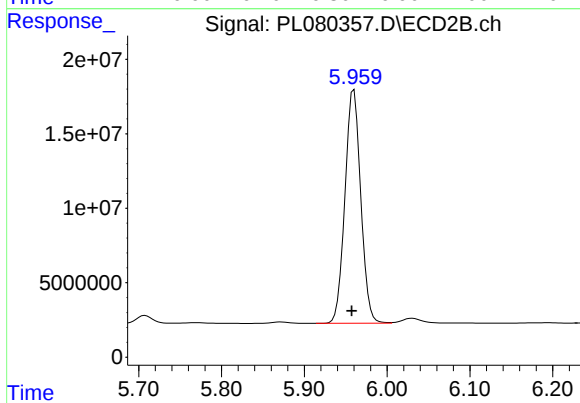
#16 4,4'-DDD

R.T.: 5.708 min
Delta R.T.: 0.002 min
Response: 6869366
Conc: 3.71 ng/ml



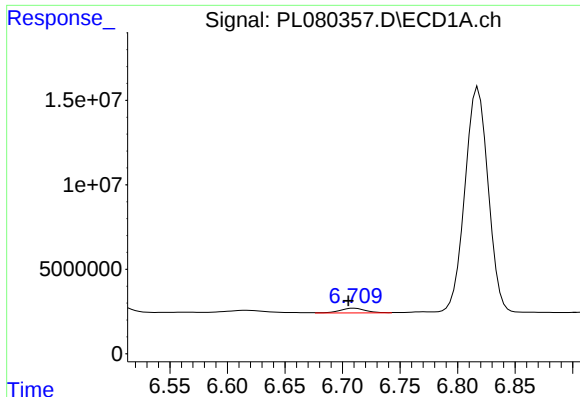
#17 4,4'-DDT

R.T.: 6.818 min
Delta R.T.: 0.005 min
Response: 188037139
Conc: 106.62 ng/ml



#17 4,4'-DDT

R.T.: 5.960 min
Delta R.T.: 0.003 min
Response: 208421840
Conc: 98.91 ng/ml



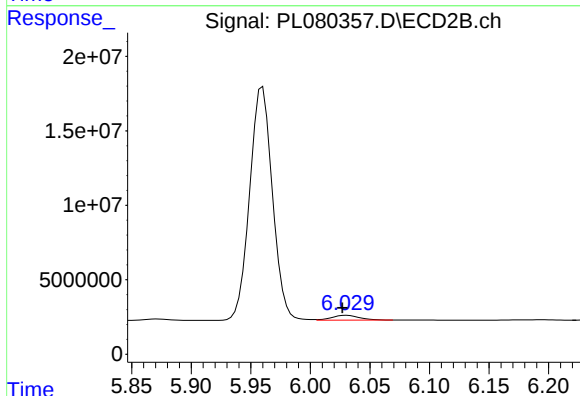
#18 Endrin aldehyde

R.T.: 6.710 min
Delta R.T.: 0.005 min
Response: 4265542
Conc: 2.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

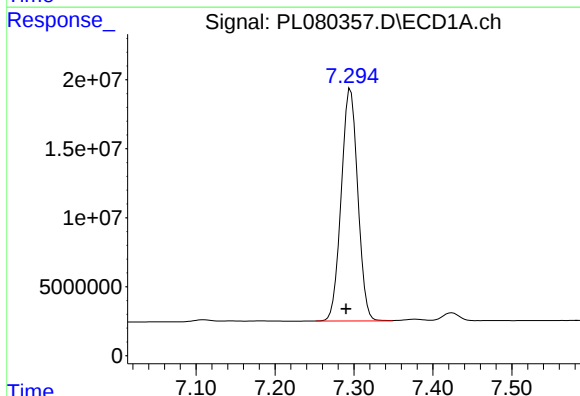
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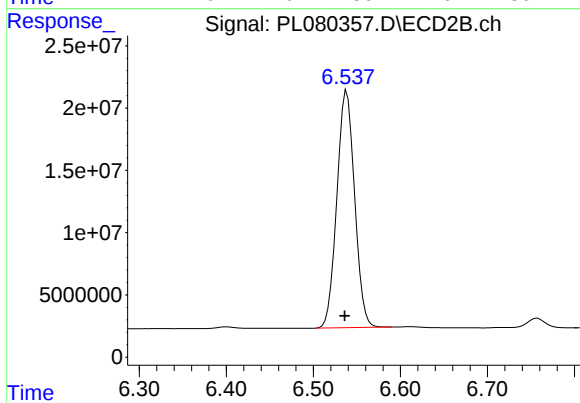
#18 Endrin aldehyde

R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 5224623
Conc: 2.87 ng/ml



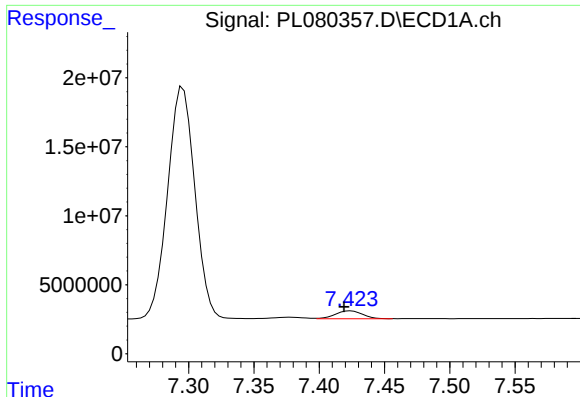
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.006 min
Response: 244947098
Conc: 274.93 ng/ml



#20 Methoxychlor

R.T.: 6.539 min
Delta R.T.: 0.002 min
Response: 269950011
Conc: 224.58 ng/ml



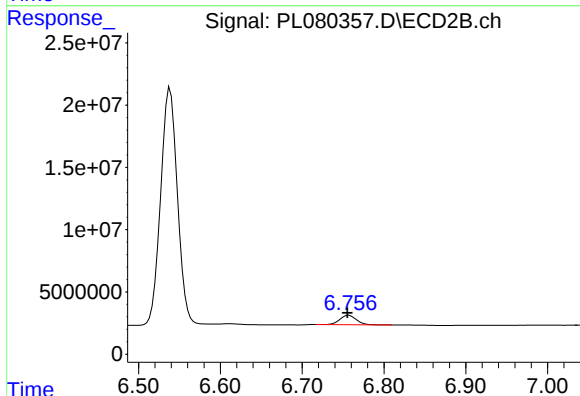
#21 Endrin ketone

R.T.: 7.424 min
Delta R.T.: 0.005 min
Response: 8269030
Conc: 4.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

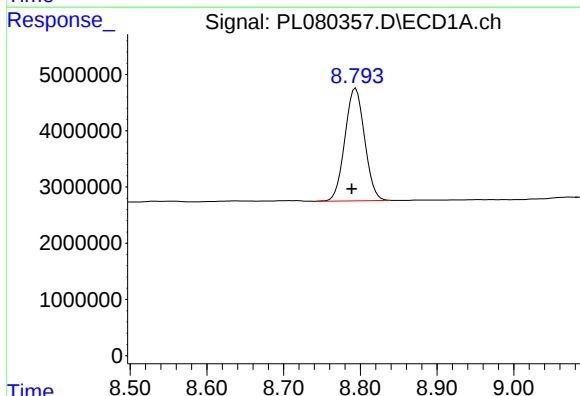
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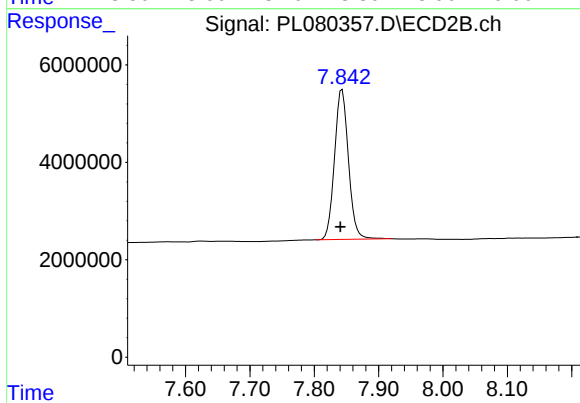
#21 Endrin ketone

R.T.: 6.757 min
Delta R.T.: 0.002 min
Response: 10455052
Conc: 4.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.794 min
Delta R.T.: 0.005 min
Response: 35910599
Conc: 24.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.843 min
Delta R.T.: 0.003 min
Response: 46382016
Conc: 20.63 ng/ml