

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011823\
 Data File : PL080379.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2023 08:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/19/2023
 Supervised By : Ankita Jodhani 01/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 20:26:41 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...	3.353	2.691	45807167	44158080	22.930	19.744
28)	SA Decachlor...	8.792	7.841	34472266	43906275	23.365	19.533
Target Compounds							
2)	A alpha-BHC	3.801	3.192	31031460	28178430	10.744	8.796
3)	MA gamma-BHC...	4.130	3.521	29982075	27563514	11.216	9.131
6)	B beta-BHC	4.325	3.817	15049329	14231629	12.732	10.574
12)	B 4,4'-DDE	5.989	5.153	449929	620727	0.232m	0.264
14)	MA Endrin	6.359	5.554	92018712	102.7E6	50.168m	43.180
16)	A 4,4'-DDD	6.503	5.707	14335632	11268636	9.058	6.080 #
17)	MA 4,4'-DDT	6.816	5.958	172.8E6	199.5E6	97.958	94.681
18)	B Endrin al...	6.709	6.029	4233233	4950486	2.934	2.719
20)	A Methoxychlor	7.294	6.537	235.4E6	259.4E6	264.250	215.832
21)	B Endrin ke...	7.423	6.756	9815234	11172325	5.268	4.437

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

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Sample : PEM
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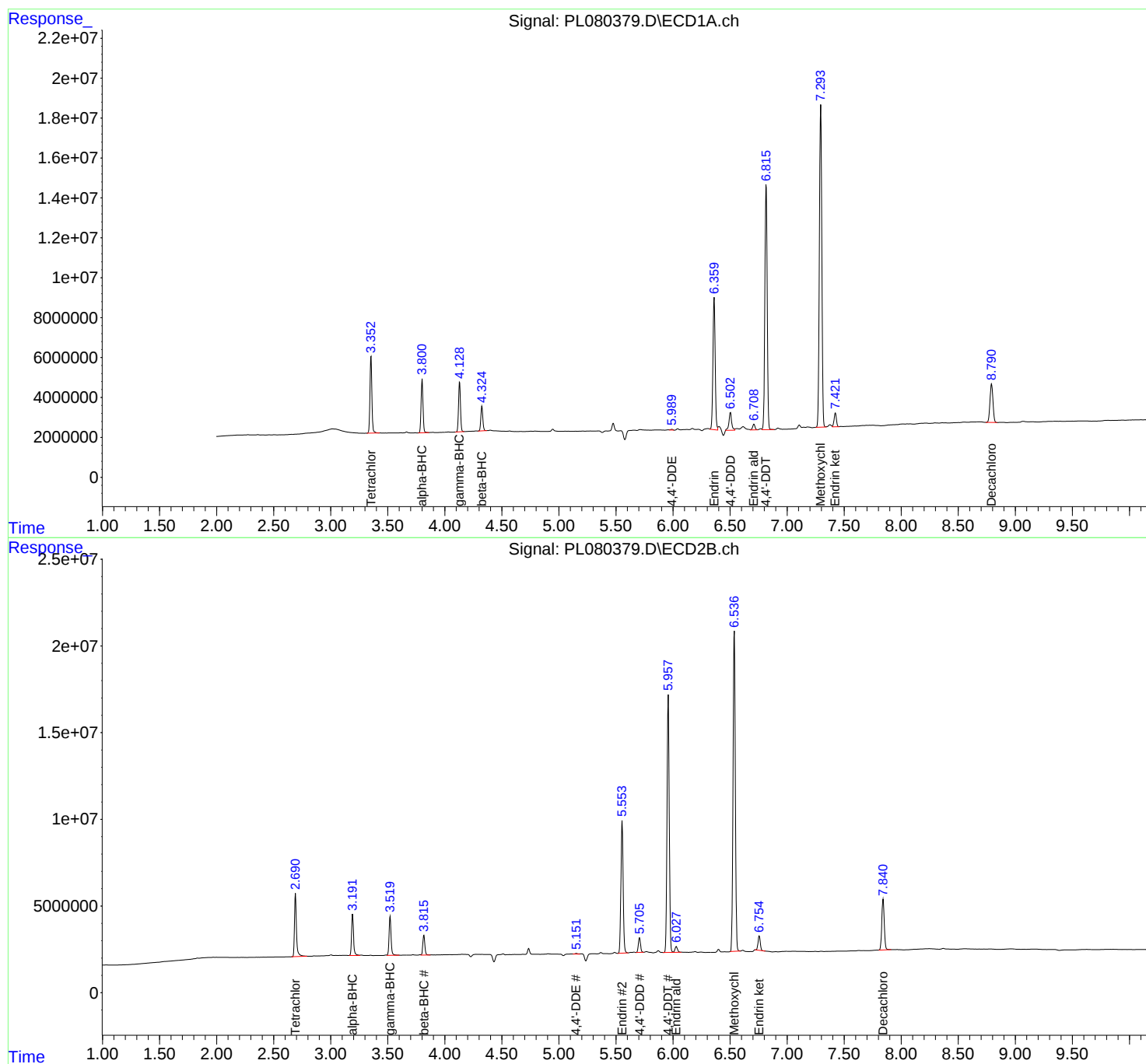
Instrument :
ECD_L
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PEM

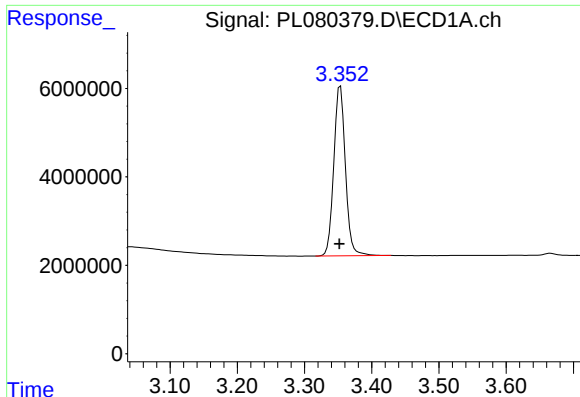
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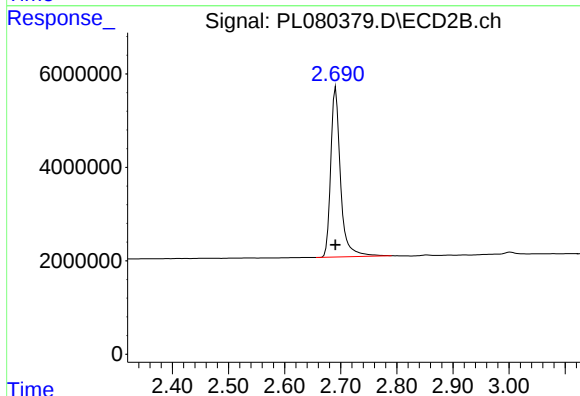
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 45807167
Conc: 22.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

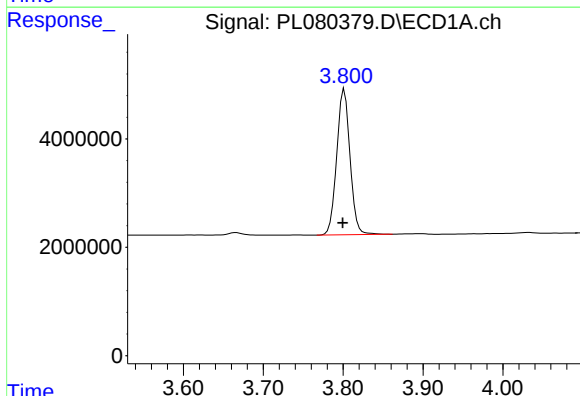
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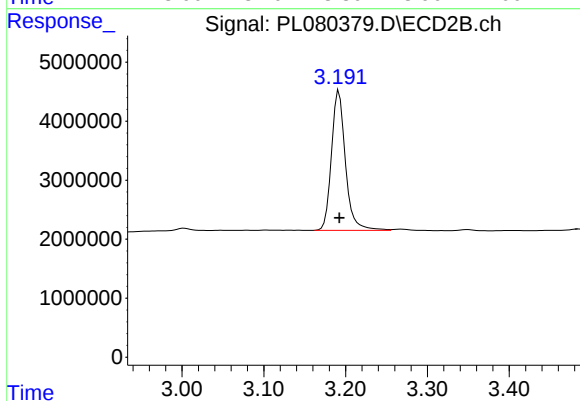
#1 Tetrachloro-m-xylene

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 44158080
Conc: 19.74 ng/ml



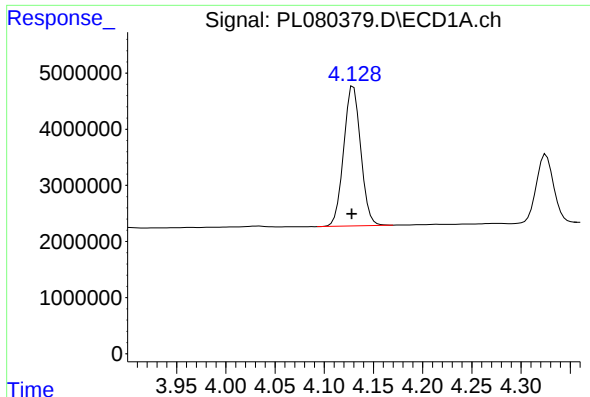
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: 31031460
Conc: 10.74 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 28178430
Conc: 8.80 ng/ml



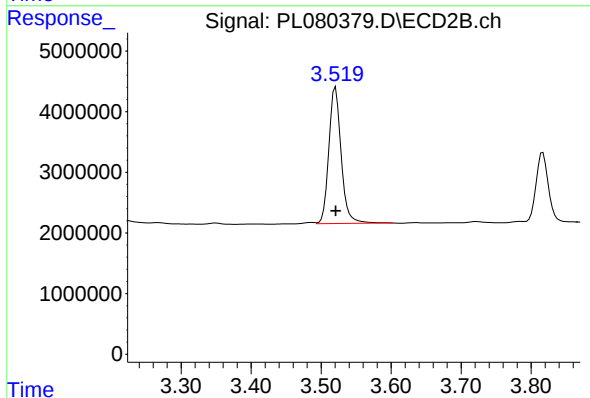
#3 gamma-BHC (Lindane)

R.T.: 4.130 min
Delta R.T.: 0.002 min
Response: 29982075
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

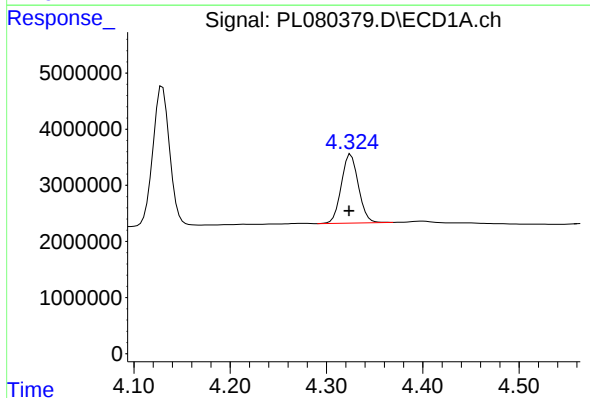
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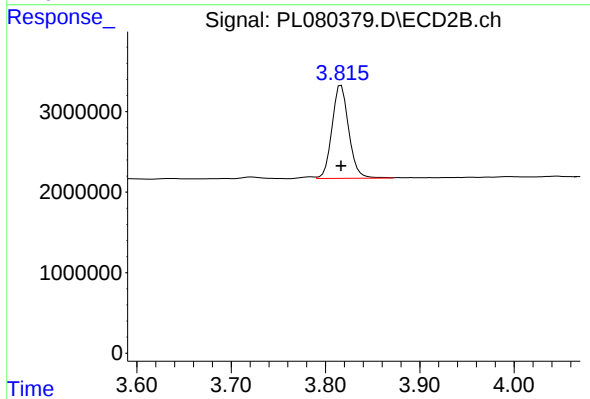
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: 0.000 min
Response: 27563514
Conc: 9.13 ng/ml



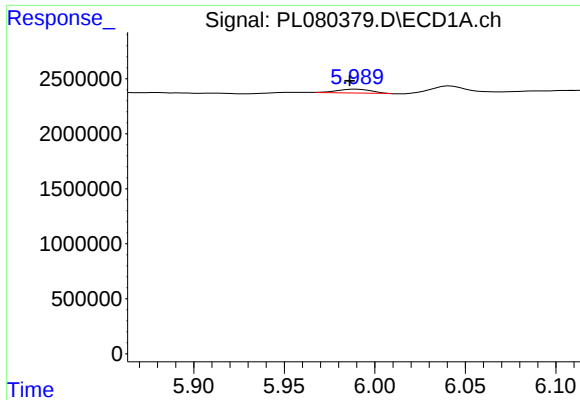
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 15049329
Conc: 12.73 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 14231629
Conc: 10.57 ng/ml



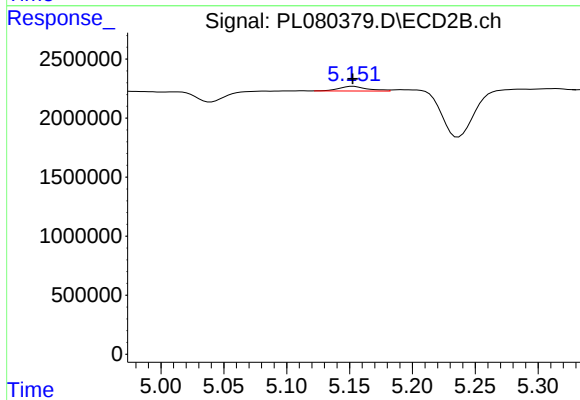
#12 4,4'-DDE

R.T.: 5.989 min
Delta R.T.: 0.003 min
Response: 449929
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

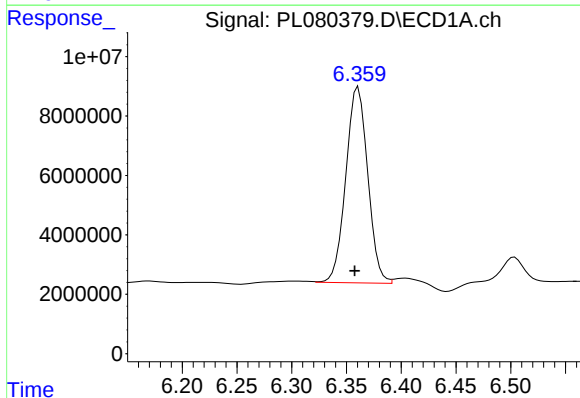
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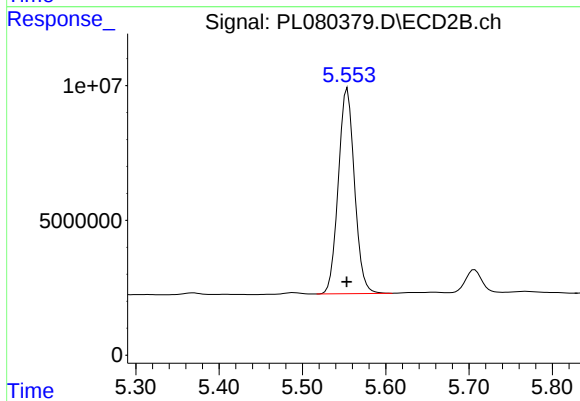
#12 4,4'-DDE

R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 620727
Conc: 0.26 ng/ml



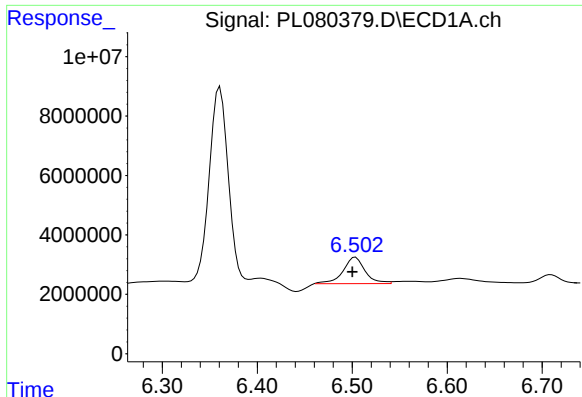
#14 Endrin

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 92018712
Conc: 50.17 ng/ml m



#14 Endrin

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 102737439
Conc: 43.18 ng/ml



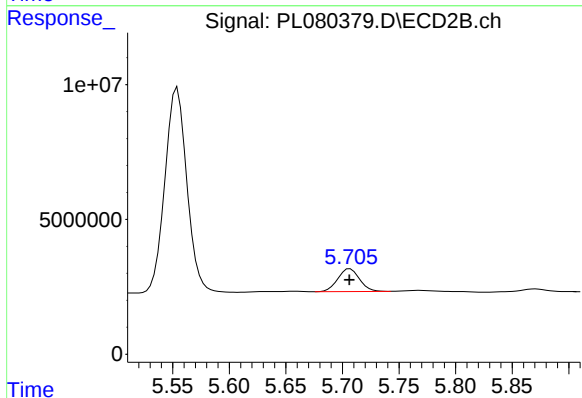
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: 0.003 min
Response: 14335632
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

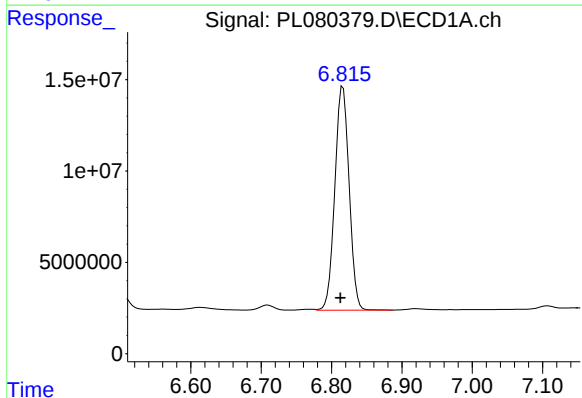
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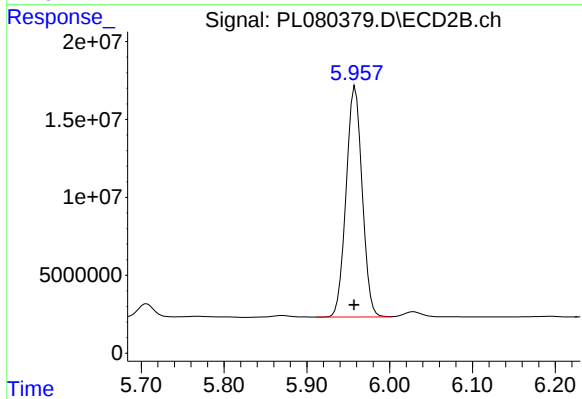
#16 4,4'-DDD

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 11268636
Conc: 6.08 ng/ml



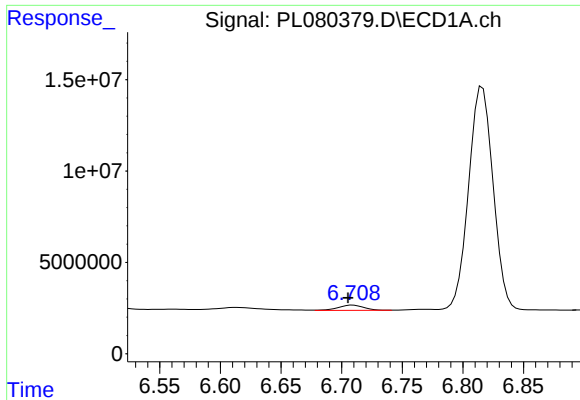
#17 4,4'-DDT

R.T.: 6.816 min
Delta R.T.: 0.003 min
Response: 172756095
Conc: 97.96 ng/ml



#17 4,4'-DDT

R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 199517549
Conc: 94.68 ng/ml



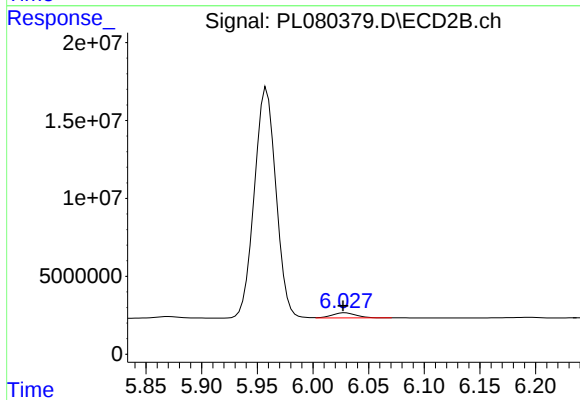
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.004 min
Response: 4233233
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

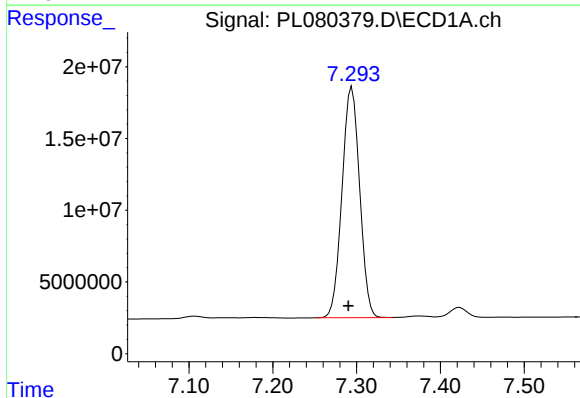
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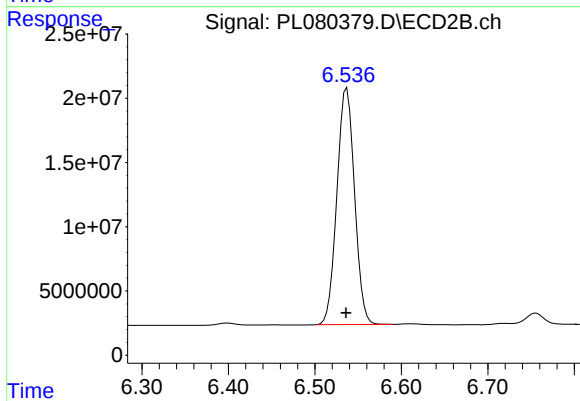
#18 Endrin aldehyde

R.T.: 6.029 min
Delta R.T.: 0.002 min
Response: 4950486
Conc: 2.72 ng/ml



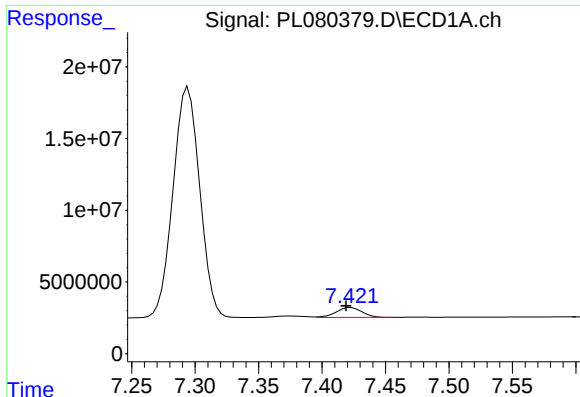
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.004 min
Response: 235434869
Conc: 264.25 ng/ml



#20 Methoxychlor

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 259430869
Conc: 215.83 ng/ml



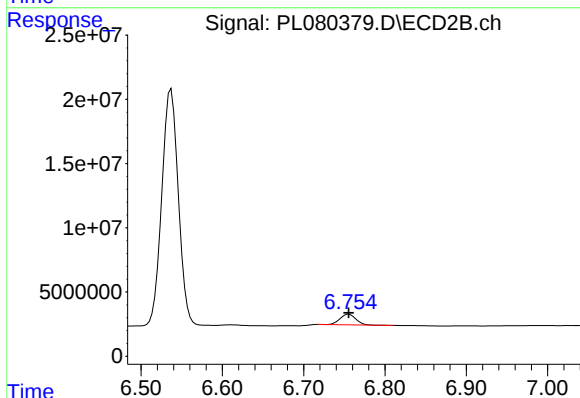
#21 Endrin ketone

R.T.: 7.423 min
Delta R.T.: 0.004 min
Response: 9815234
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

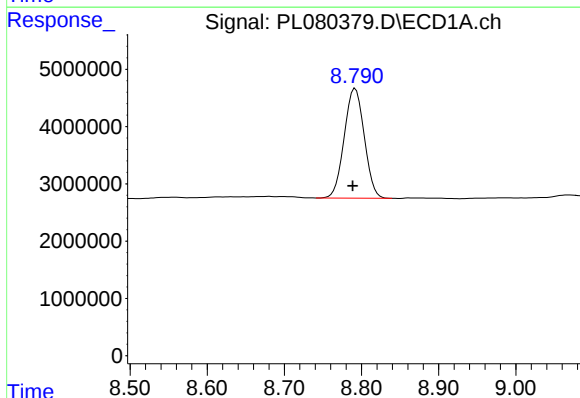
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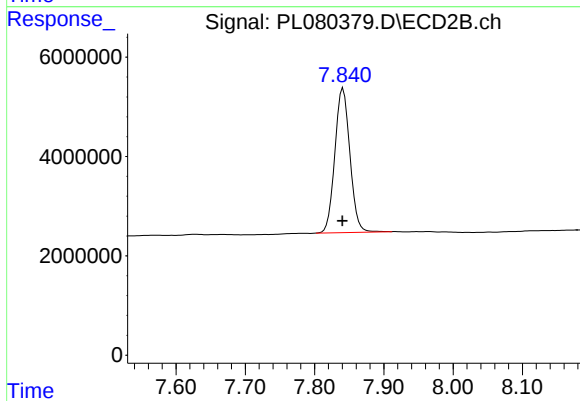
#21 Endrin ketone

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 11172325
Conc: 4.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: 0.003 min
Response: 34472266
Conc: 23.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.841 min
Delta R.T.: 0.000 min
Response: 43906275
Conc: 19.53 ng/ml