

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
 Data File : PL081022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 13:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/21/2023
 Supervised By : Ankita Jodhani 02/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 17:11:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 20 15:51:47 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...	3.352	2.688	43522022	42648191	18.671	18.533
28)	SA Decachlor...	8.793	7.834	38778348	45552030	19.834	19.445
Target Compounds							
2)	A alpha-BHC	3.801	3.188	29808609	27945603	8.458	8.345
3)	MA gamma-BHC...	4.129	3.517	29125494	26850729	8.843	8.548
6)	B beta-BHC	4.326	3.812	14949668	13010763	10.003	9.670m
14)	MA Endrin	6.361	5.548	101.9E6	107.7E6	43.057	43.552
16)	A 4,4'-DDD	6.504	5.700	591515	729757	0.292m	0.383m#
17)	MA 4,4'-DDT	6.817	5.952	208.6E6	209.8E6	92.309	96.759
18)	B Endrin al...	6.708	6.022	2492810	3826997	1.371m	2.074m#
20)	A Methoxychlor	7.295	6.530	273.7E6	272.4E6	223.083	226.956
21)	B Endrin ke...	7.422	6.749	4060768	5011987	1.705m	1.914m

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

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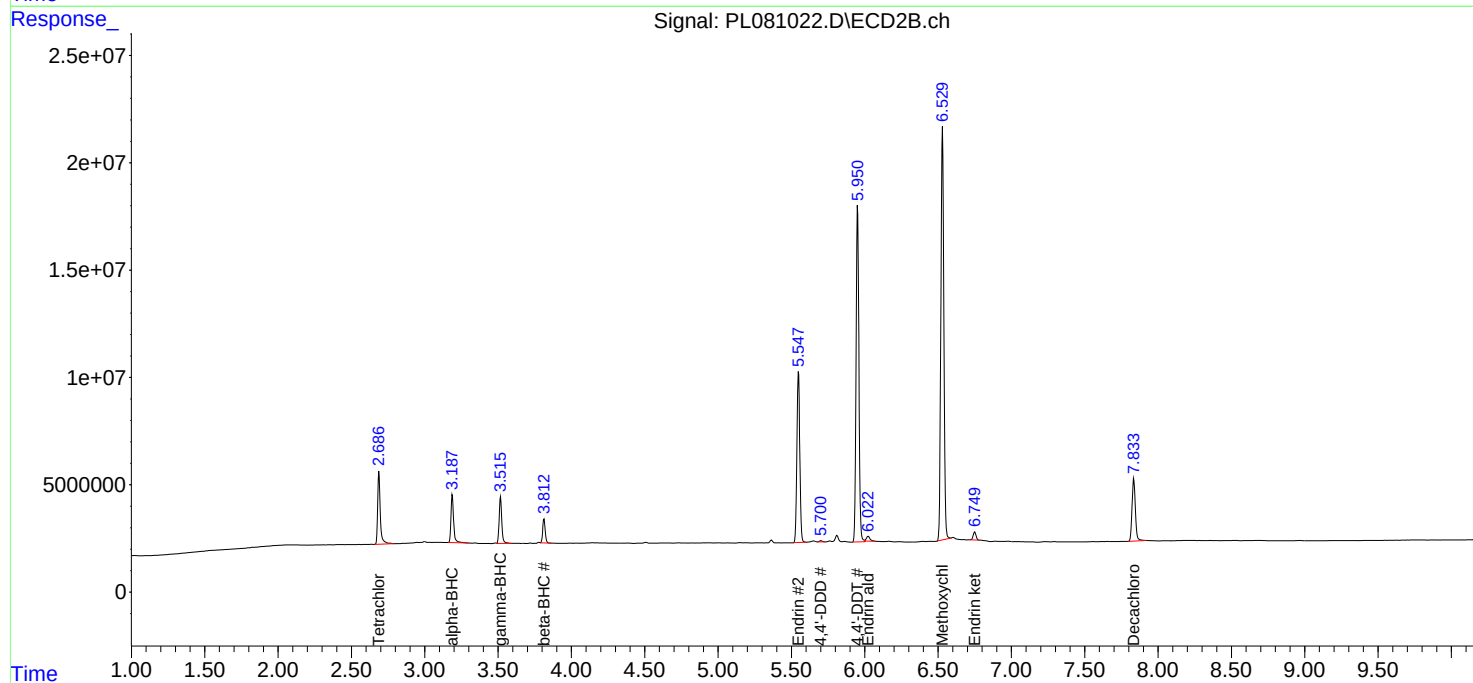
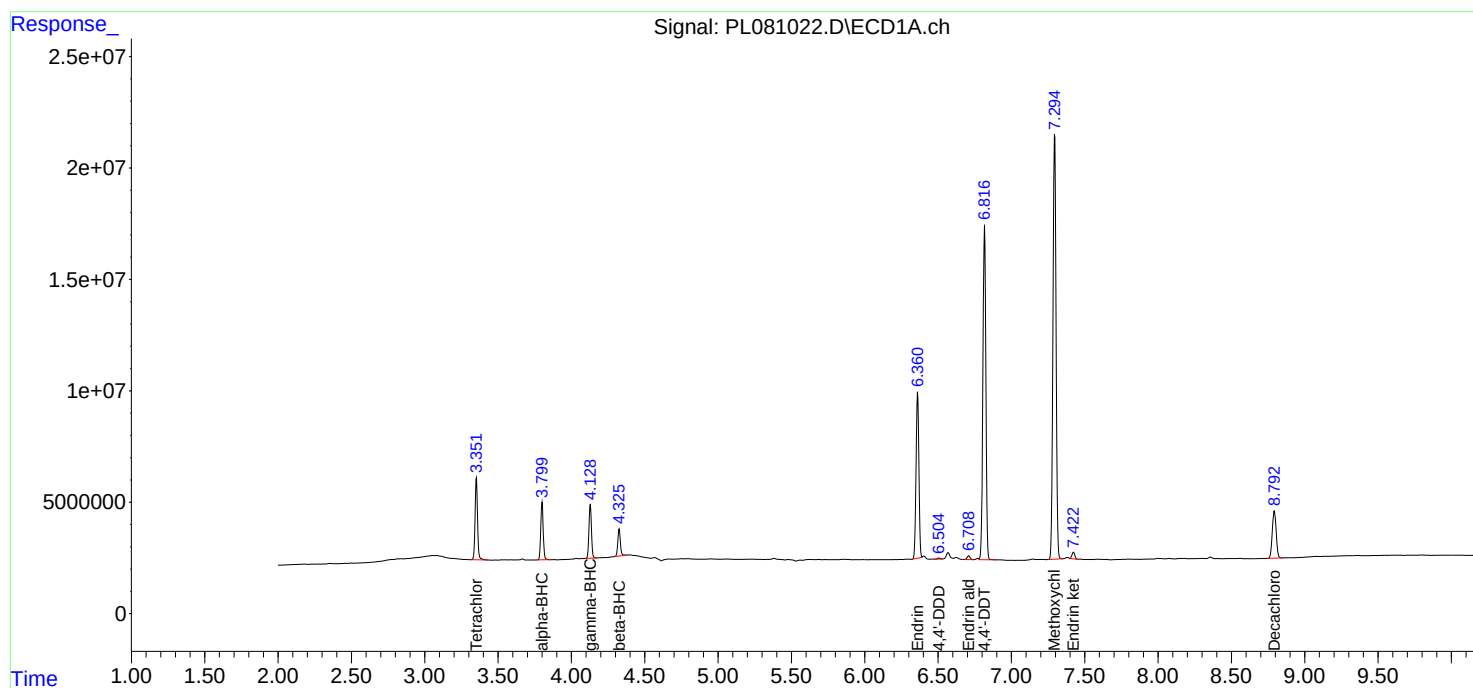
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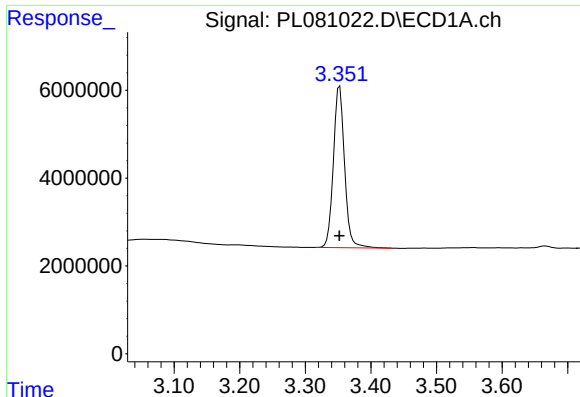
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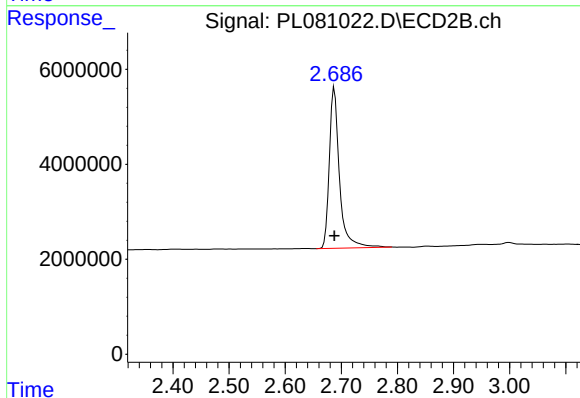
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 43522022
Conc: 18.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

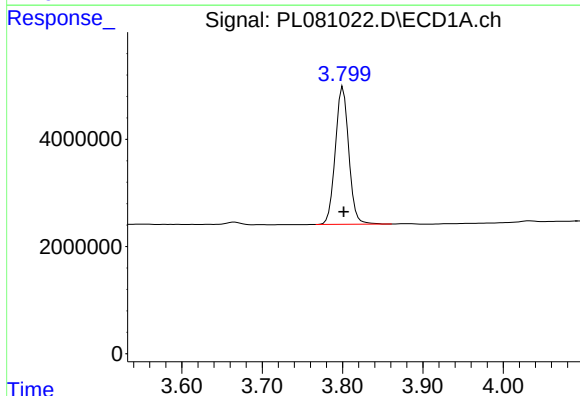
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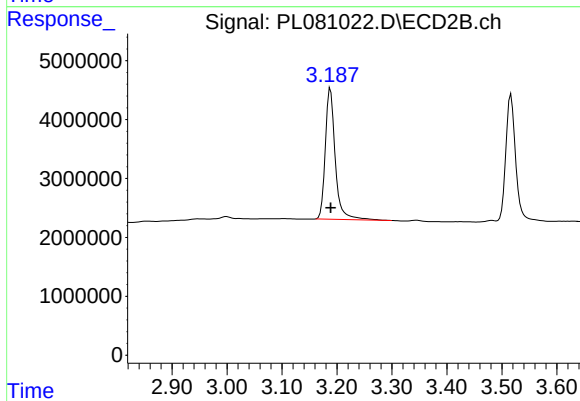
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 42648191
Conc: 18.53 ng/ml



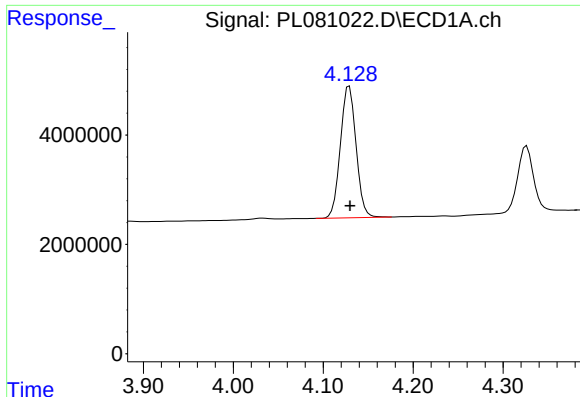
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 29808609
Conc: 8.46 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 27945603
Conc: 8.34 ng/ml



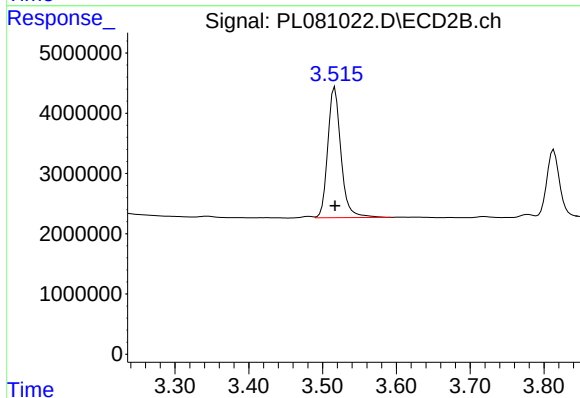
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 29125494
Conc: 8.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

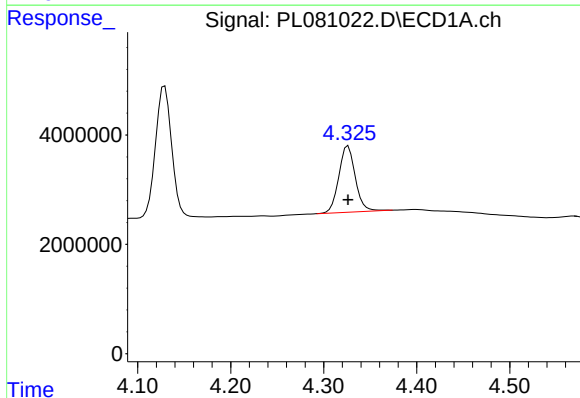
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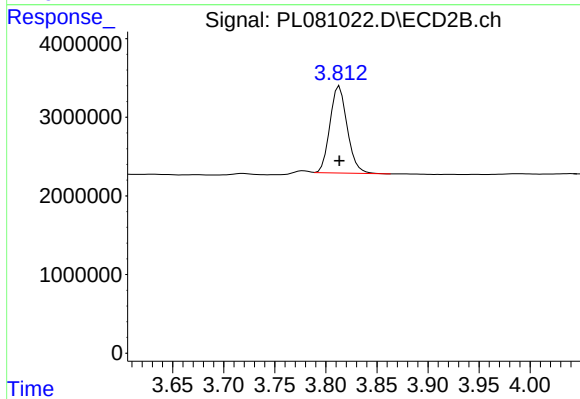
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: 0.000 min
Response: 26850729
Conc: 8.55 ng/ml



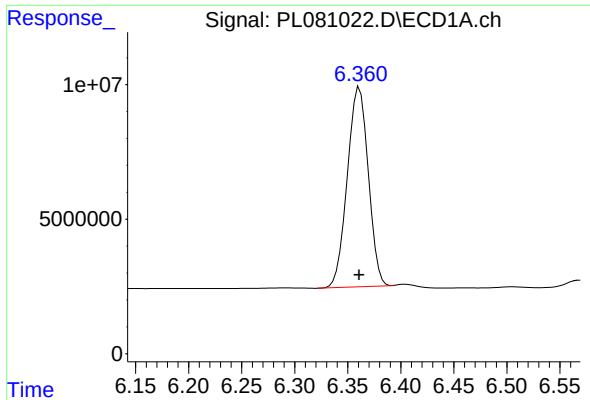
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 14949668
Conc: 10.00 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.001 min
Response: 13010763
Conc: 9.67 ng/ml m



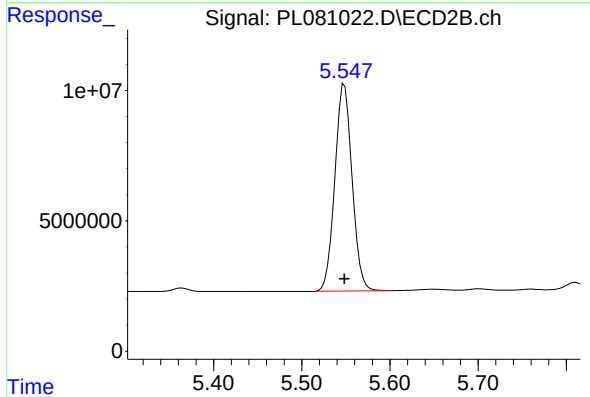
#14 Endrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 101936619
Conc: 43.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

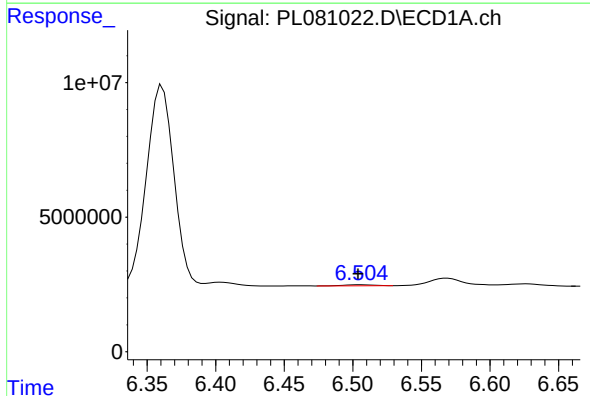
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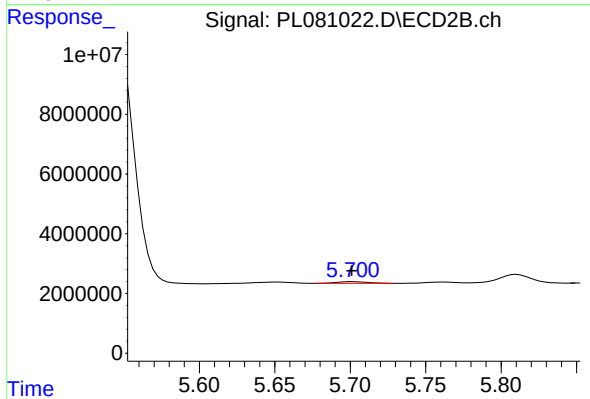
#14 Endrin

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 107683240
Conc: 43.55 ng/ml



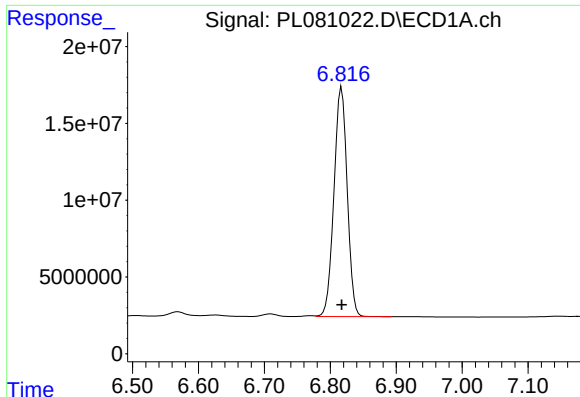
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 591515
Conc: 0.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 729757
Conc: 0.38 ng/ml m



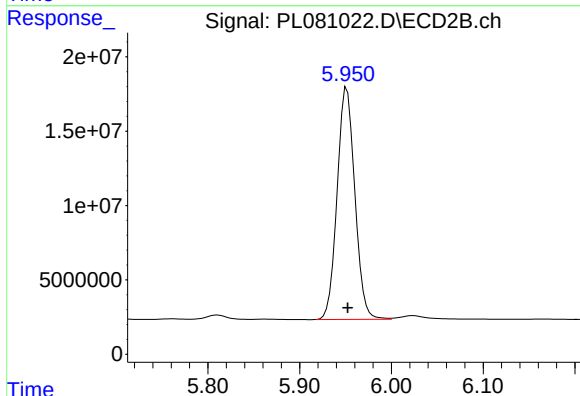
#17 4,4'-DDT

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 208560225
Conc: 92.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

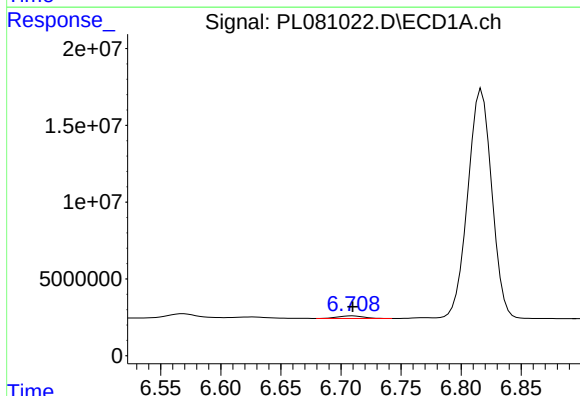
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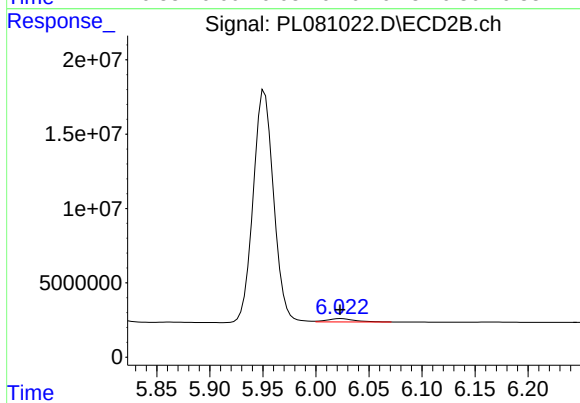
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 209783287
Conc: 96.76 ng/ml



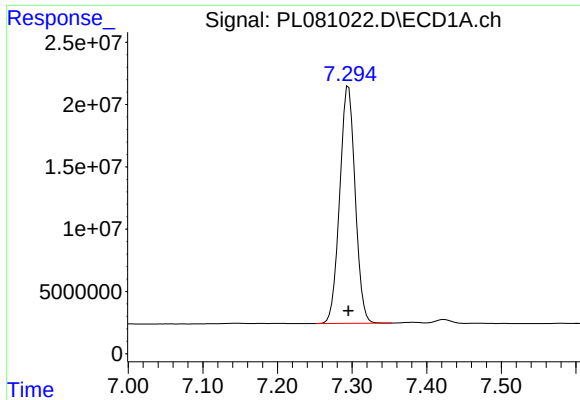
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 2492810
Conc: 1.37 ng/ml m



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 3826997
Conc: 2.07 ng/ml m



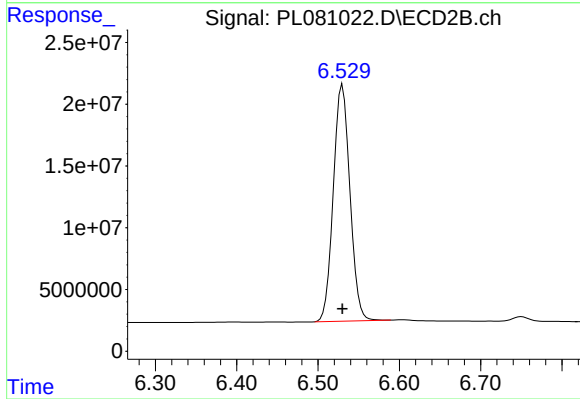
#20 Methoxychlor

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 273743470
Conc: 223.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

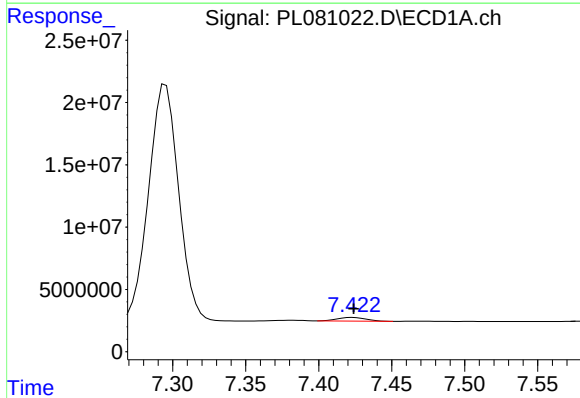
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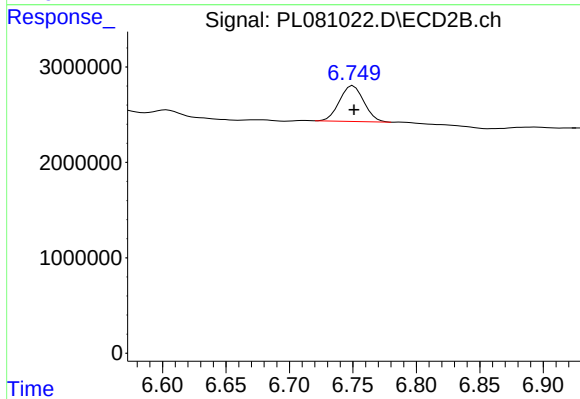
#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 272406619
Conc: 226.96 ng/ml



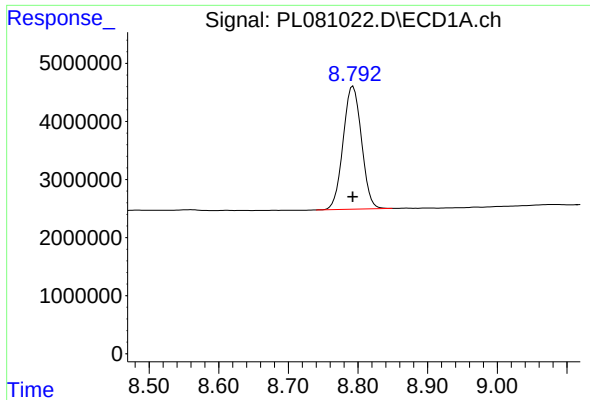
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 4060768
Conc: 1.71 ng/ml m



#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 5011987
Conc: 1.91 ng/ml m



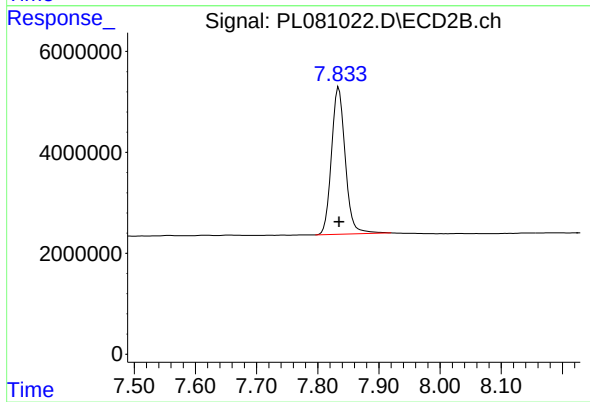
#28 Decachlorobiphenyl

R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 38778348
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 45552030
Conc: 19.44 ng/ml