

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
 Data File : PL080829.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2023 09:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/13/2023
 Supervised By : Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 11:03:14 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...	3.352	2.688	43815650	42667521	20.428	19.426
28)	SA Decachlor...	8.791	7.835	35621824	42152560	20.347	17.692
Target Compounds							
2)	A alpha-BHC	3.800	3.189	29962026	27168690	9.458	8.543
3)	MA gamma-BHC...	4.129	3.517	28813410	26098159	9.801	8.736
6)	B beta-BHC	4.326	3.813	14403152	13376125	10.552	10.022
12)	B 4,4'-DDE	5.990	5.148	244812	223736	0.110	0.095
14)	MA Endrin	6.360	5.548	97074902	100.1E6	44.886	43.129
16)	A 4,4'-DDD	6.502	5.699	2458995	2217289	1.342	1.180m
17)	MA 4,4'-DDT	6.816	5.953	195.2E6	198.9E6	93.944	94.644
18)	B Endrin al...	6.708	6.023	2319932	3771935	1.395	2.066m#
20)	A Methoxychlor	7.294	6.531	256.9E6	255.5E6	232.842	210.531
21)	B Endrin ke...	7.422	6.750	5915426	6586590	2.681	2.580

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

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Acq On : 10 Feb 2023 09:23
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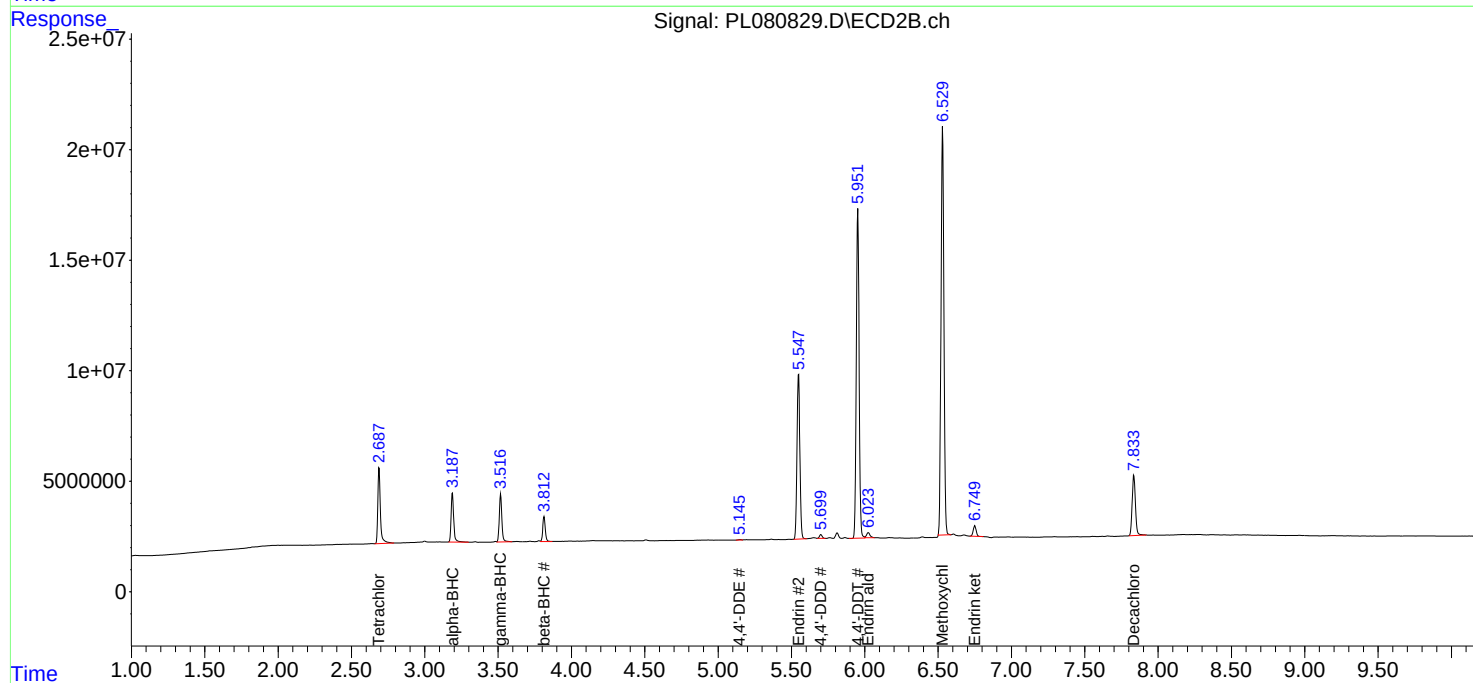
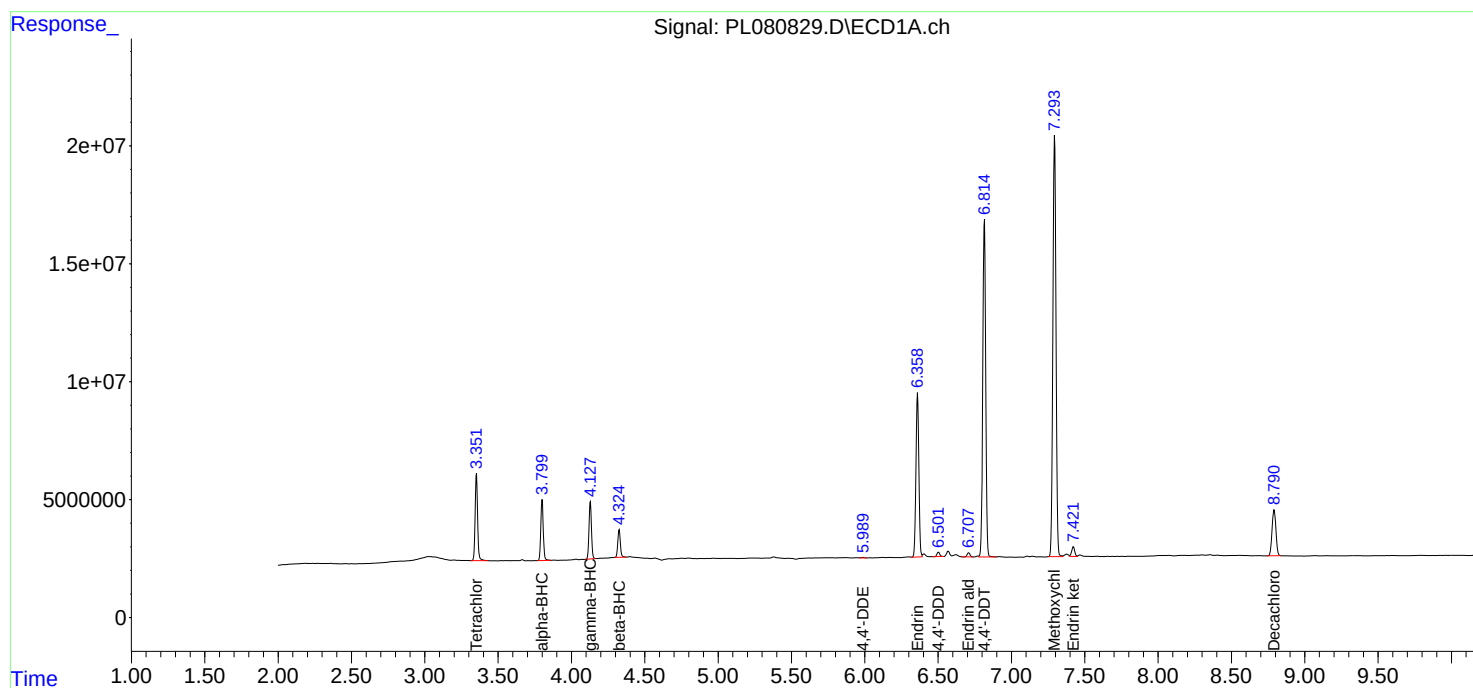
Instrument :
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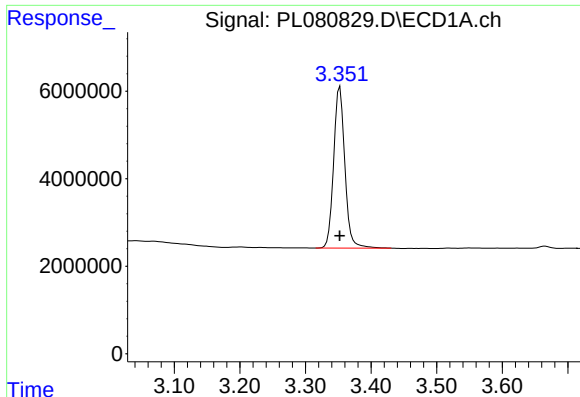
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Integration File signal 1: autoint1.e
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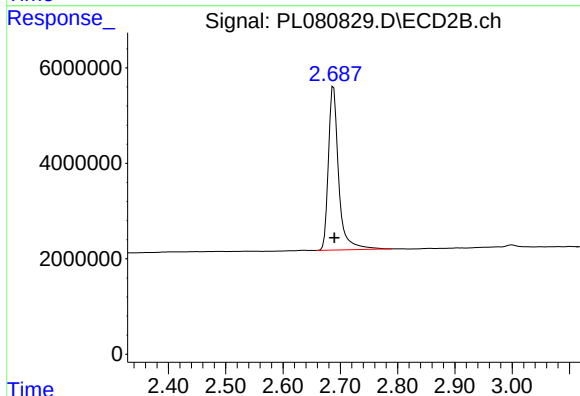
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 43815650
Conc: 20.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

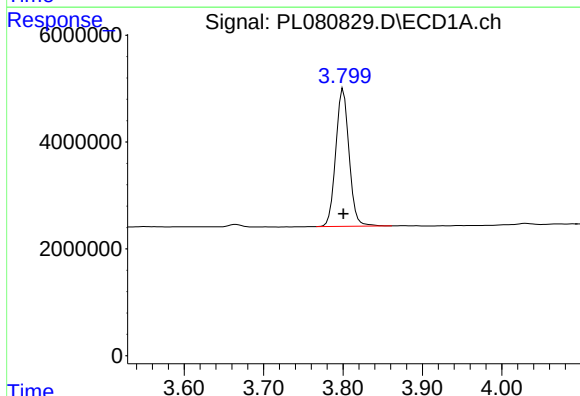
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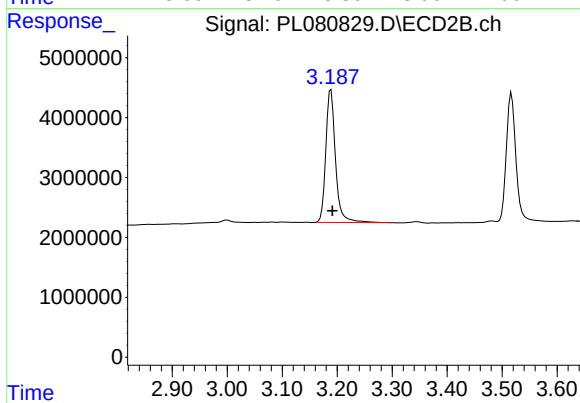
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 42667521
Conc: 19.43 ng/ml



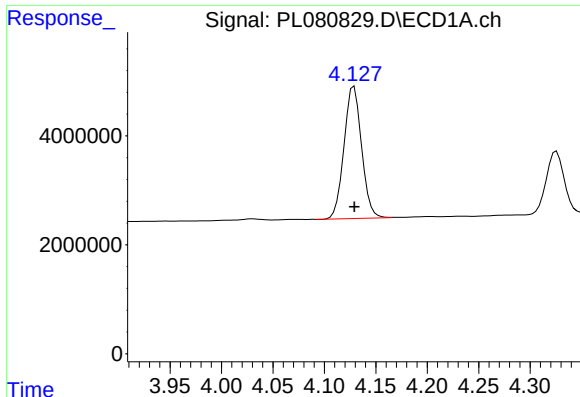
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 29962026
Conc: 9.46 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 27168690
Conc: 8.54 ng/ml



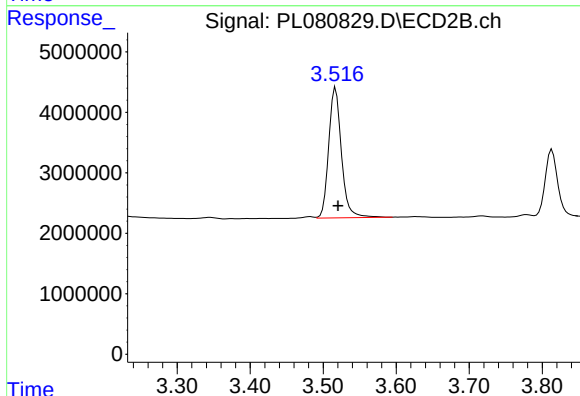
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 28813410
Conc: 9.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

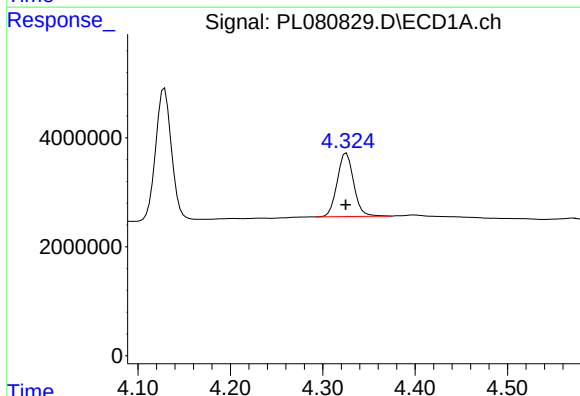
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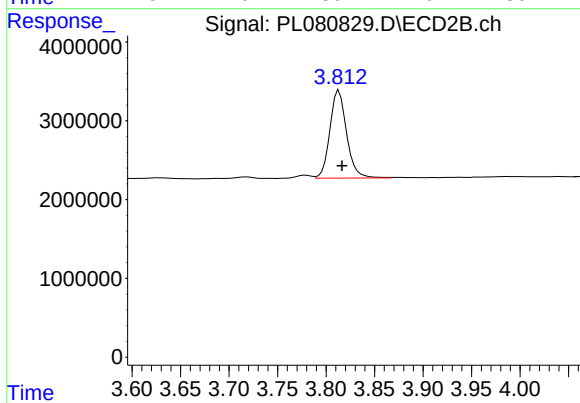
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 26098159
Conc: 8.74 ng/ml



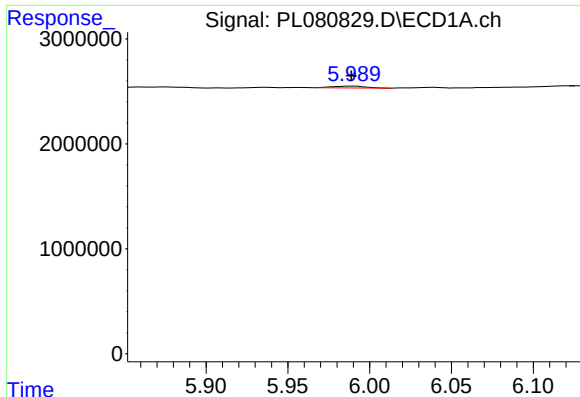
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 14403152
Conc: 10.55 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 13376125
Conc: 10.02 ng/ml



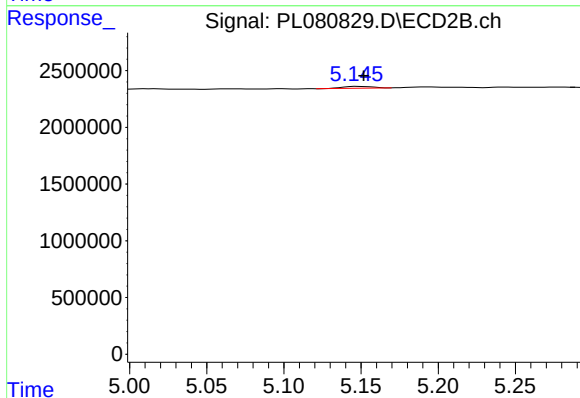
#12 4,4'-DDE

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 244812
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

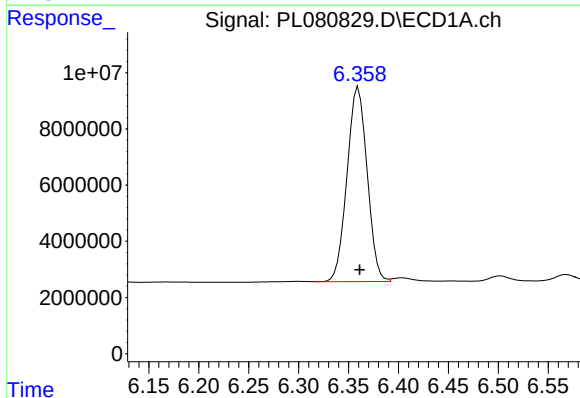
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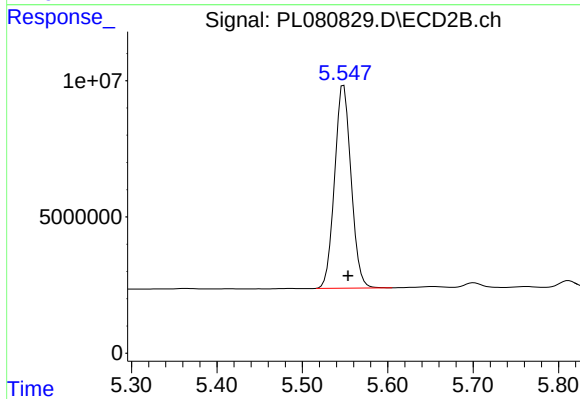
#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 223736
Conc: 0.09 ng/ml



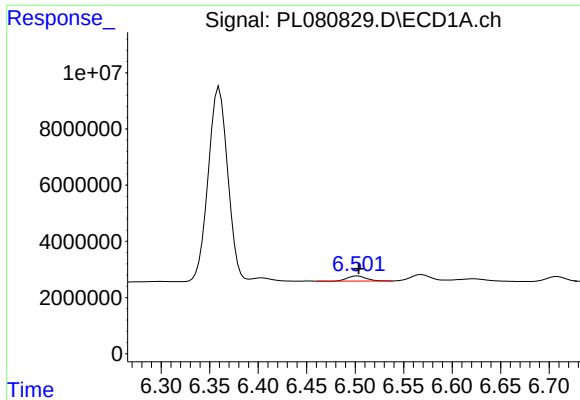
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 97074902
Conc: 44.89 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 100108363
Conc: 43.13 ng/ml



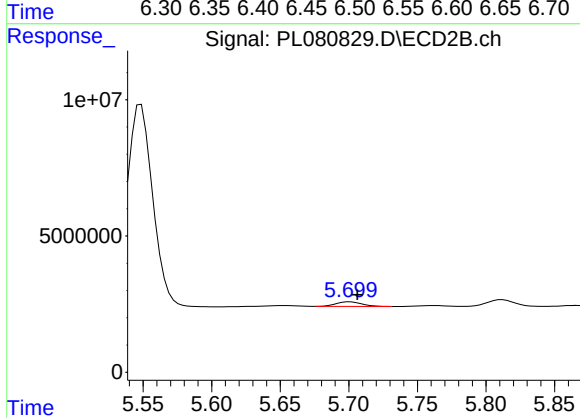
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 2458995
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

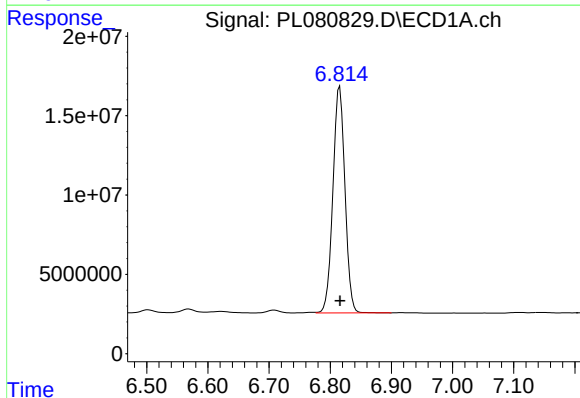
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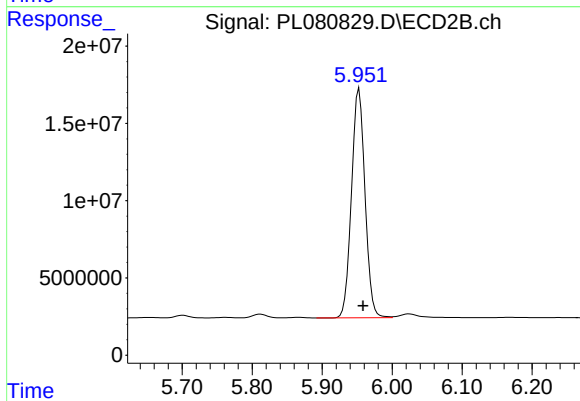
#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 2217289
Conc: 1.18 ng/ml m



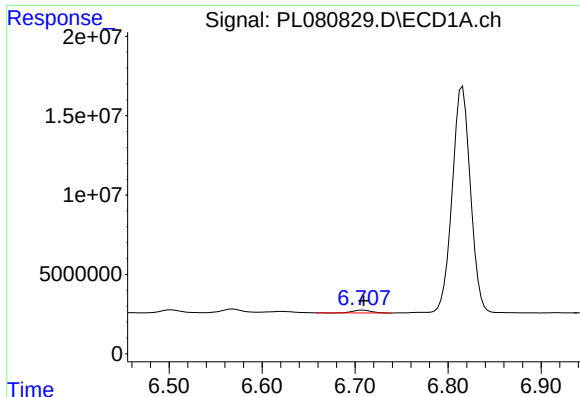
#17 4,4'-DDT

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 195183365
Conc: 93.94 ng/ml



#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.006 min
Response: 198891937
Conc: 94.64 ng/ml



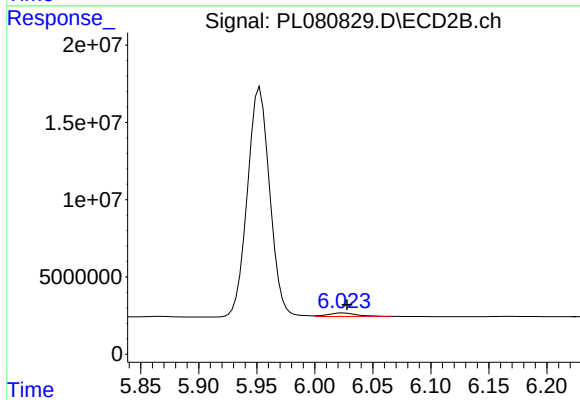
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 2319932
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

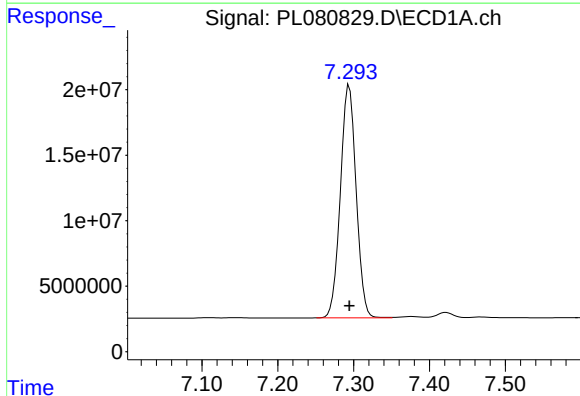
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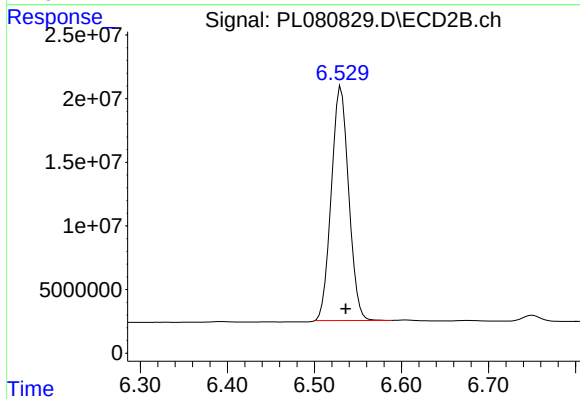
#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 3771935
Conc: 2.07 ng/ml m



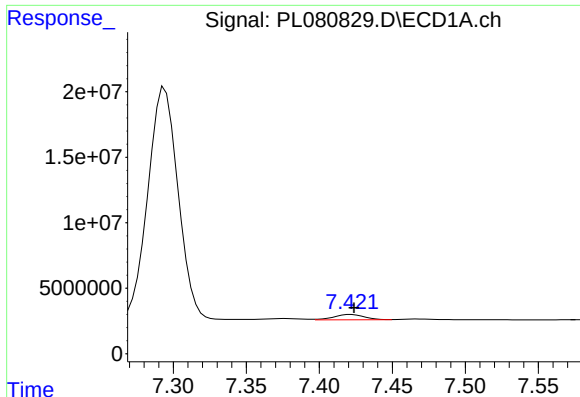
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 256892039
Conc: 232.84 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.006 min
Response: 255471417
Conc: 210.53 ng/ml



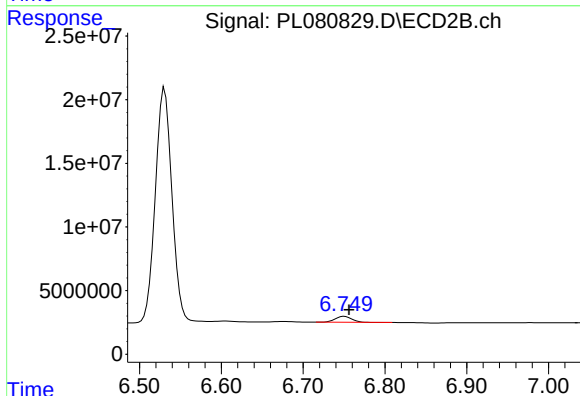
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 5915426
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

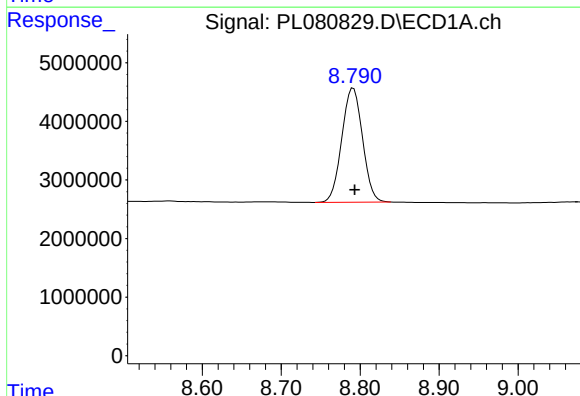
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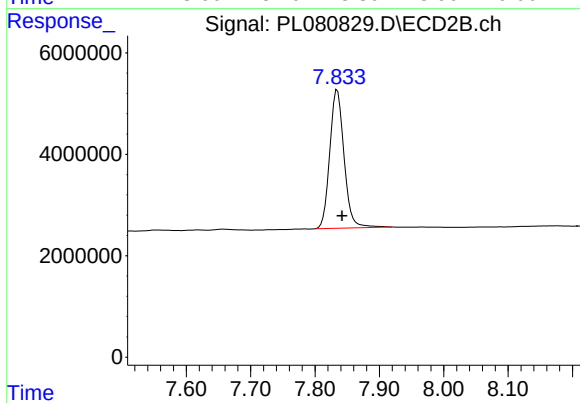
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 6586590
Conc: 2.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 35621824
Conc: 20.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 42152560
Conc: 17.69 ng/ml