

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011123\
 Data File : PL080226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jan 2023 11:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/12/2023
 Supervised By : Ankita Jodhani 01/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 12:25:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 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...	3.371	2.693	37853280	37648212	19.030	16.557
28)	SA Decachlor...	8.882	7.842	35620589	40599056	20.761	17.970
Target Compounds							
2)	A alpha-BHC	3.822	3.194	25851802	23757218	9.048	7.093
3)	MA gamma-BHC...	4.152	3.522	22207470	23177720	11.300	7.558 #
6)	B beta-BHC	4.350	3.817	10074112	11335766	11.006	8.449m
12)	B 4,4'-DDE	6.031	5.155	279319	229198	0.177	0.099 #
14)	MA Endrin	6.403	5.555	64624777	86849877	42.139	38.591
16)	A 4,4'-DDD	6.551	5.708	3281053	3872127	2.493m	2.098
17)	MA 4,4'-DDT	6.870	5.959	134.7E6	177.2E6	90.102	87.044
18)	B Endrin al...	6.756	6.028	2264610	3782592	1.864	2.154m
20)	A Methoxychlor	7.361	6.538	194.7E6	238.8E6	218.957	208.344
21)	B Endrin ke...	7.477	6.756	5923570	8120361	3.328	3.332

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

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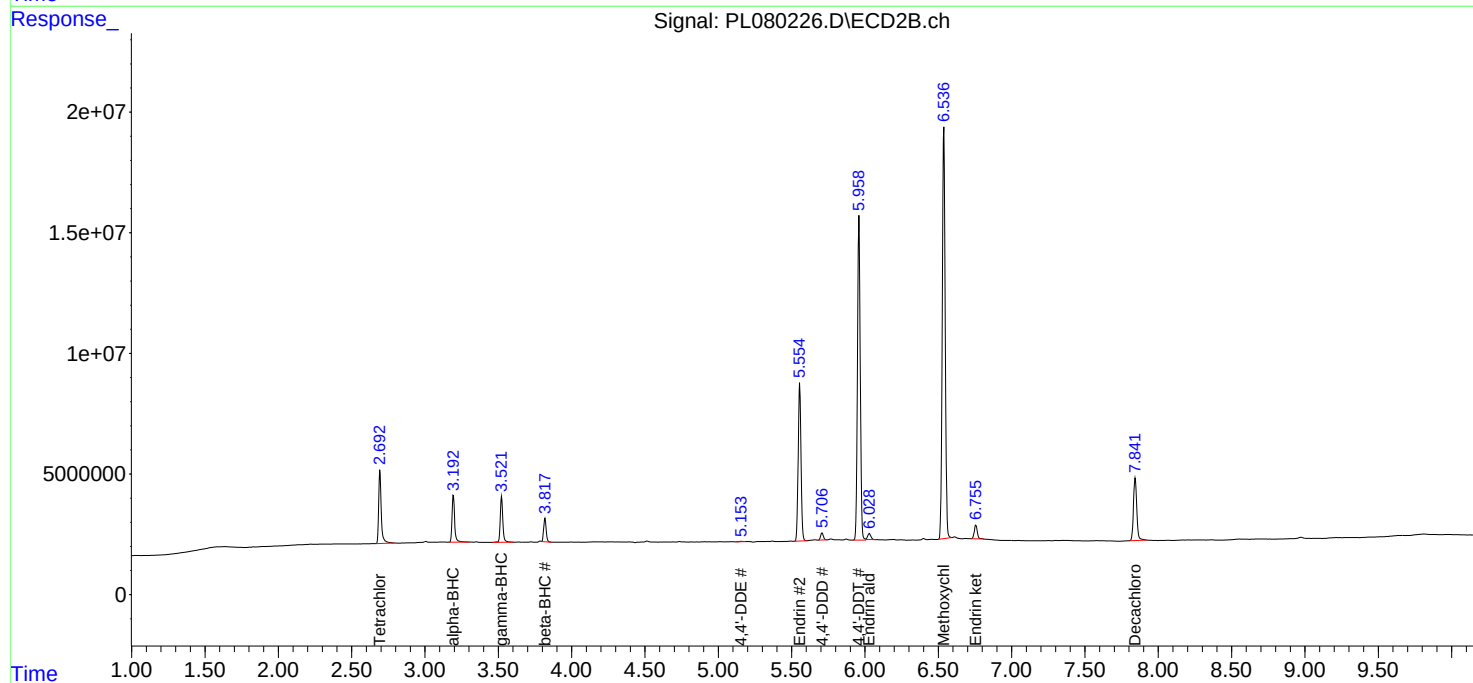
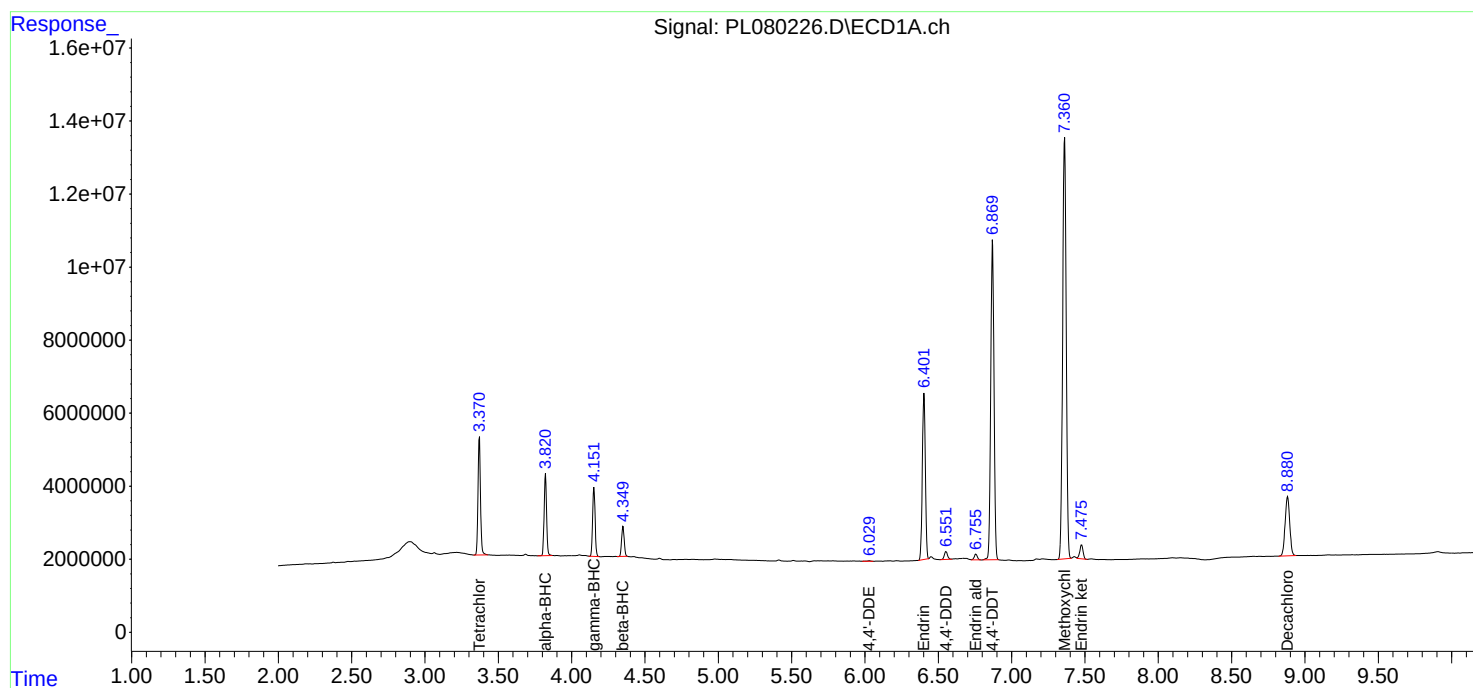
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PEM

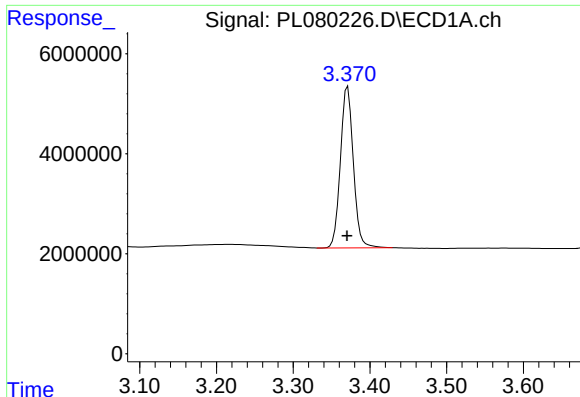
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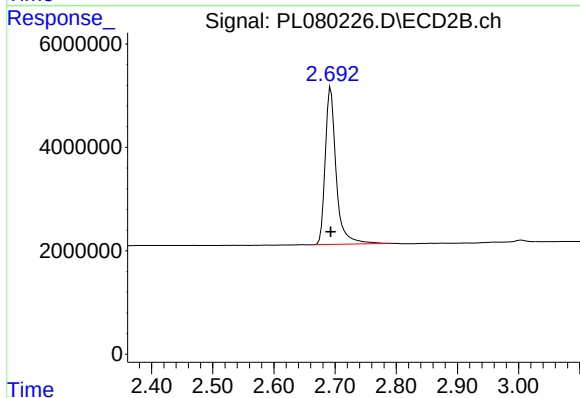
#1 Tetrachloro-m-xylene

R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 37853280
Conc: 19.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

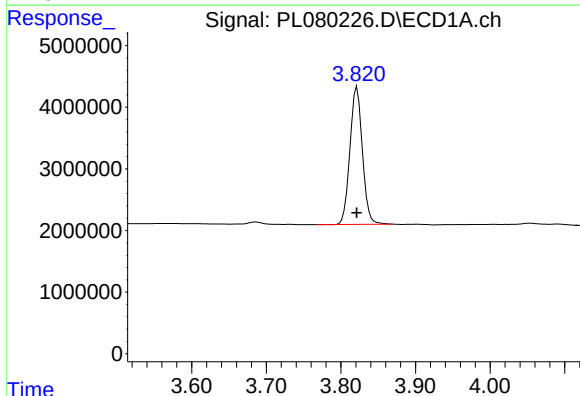
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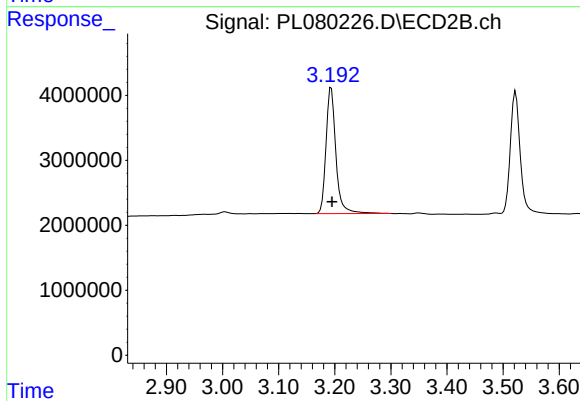
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 37648212
Conc: 16.56 ng/ml



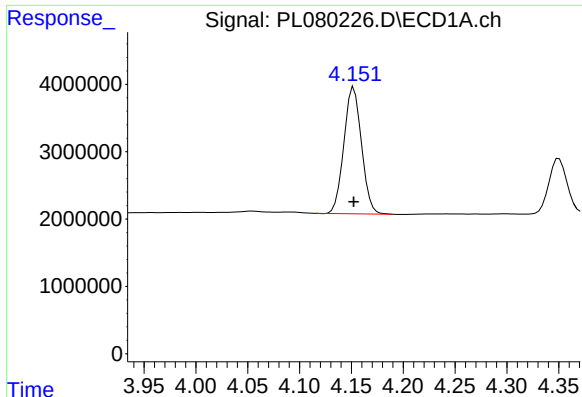
#2 alpha-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 25851802
Conc: 9.05 ng/ml



#2 alpha-BHC

R.T.: 3.194 min
Delta R.T.: -0.001 min
Response: 23757218
Conc: 7.09 ng/ml



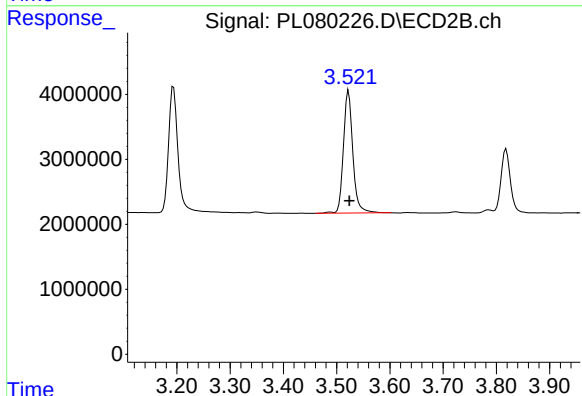
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 22207470
Conc: 11.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

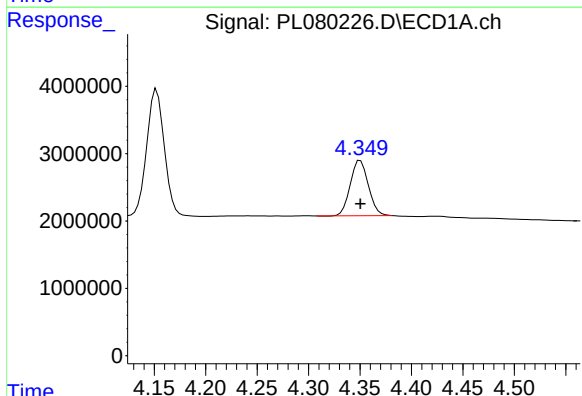
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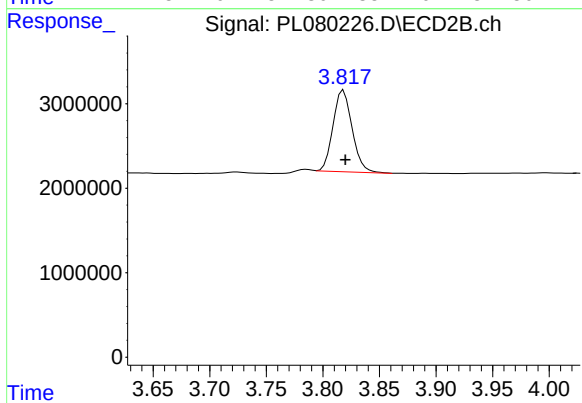
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.002 min
Response: 23177720
Conc: 7.56 ng/ml



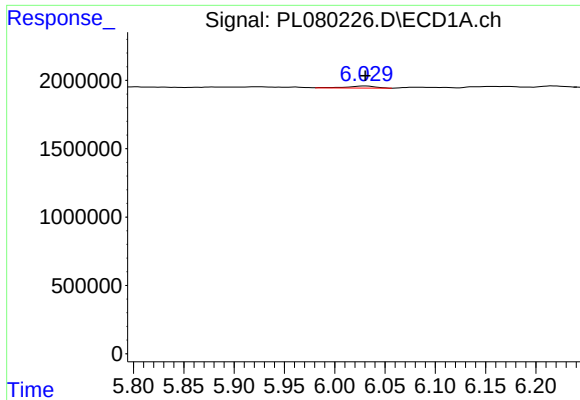
#6 beta-BHC

R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 10074112
Conc: 11.01 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: -0.003 min
Response: 11335766
Conc: 8.45 ng/ml m



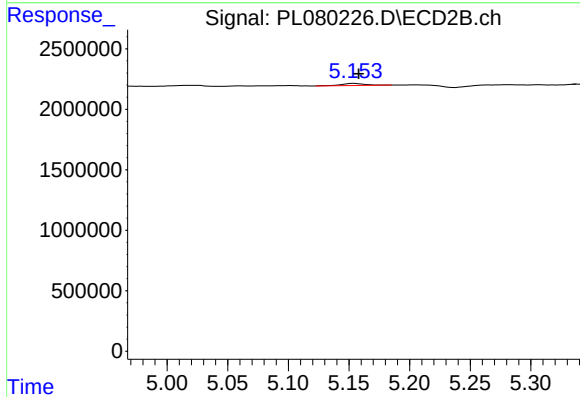
#12 4,4'-DDE

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 279319
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

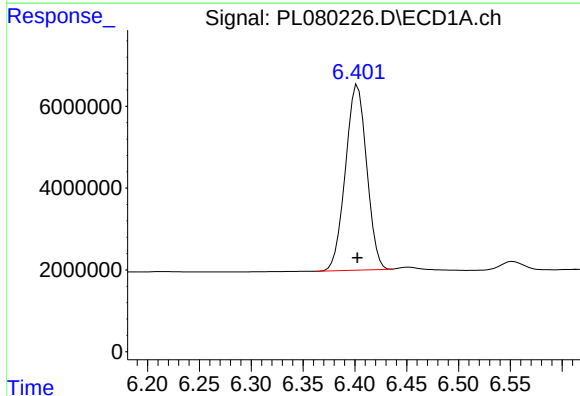
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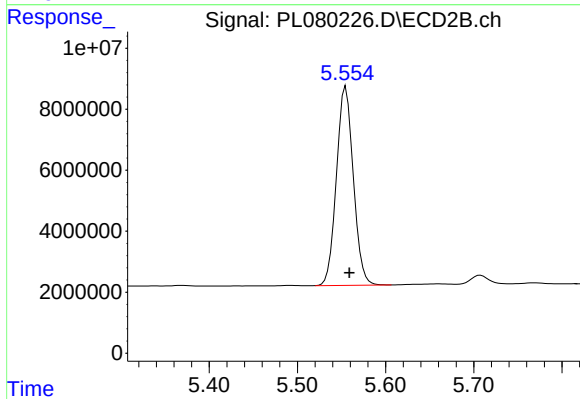
#12 4,4'-DDE

R.T.: 5.155 min
Delta R.T.: -0.003 min
Response: 229198
Conc: 0.10 ng/ml



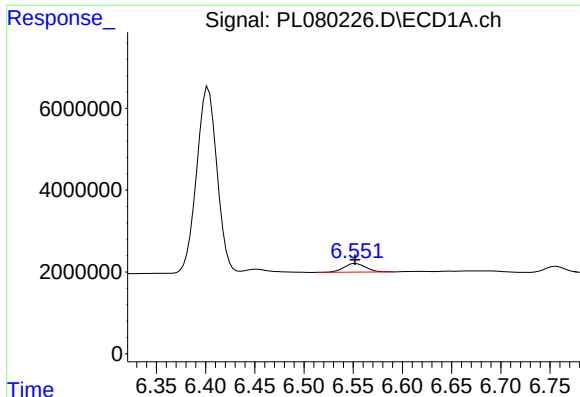
#14 Endrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 64624777
Conc: 42.14 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.004 min
Response: 86849877
Conc: 38.59 ng/ml



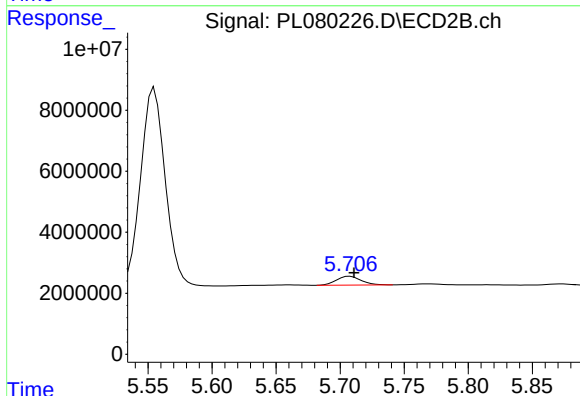
#16 4,4'-DDD

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 3281053
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

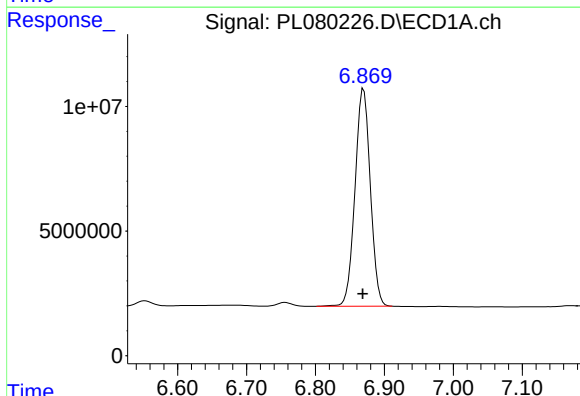
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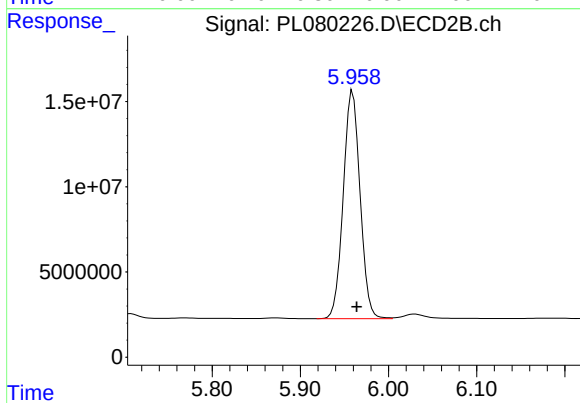
#16 4,4'-DDD

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 3872127
Conc: 2.10 ng/ml



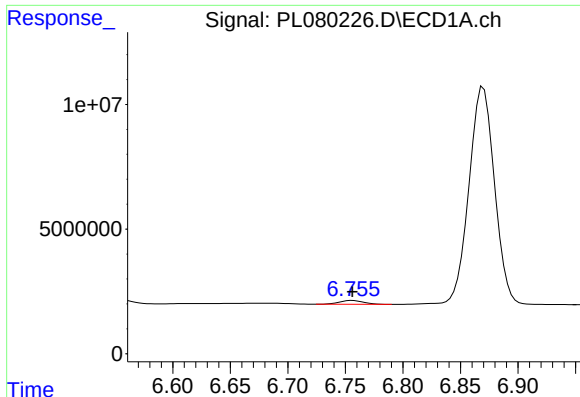
#17 4,4'-DDT

R.T.: 6.870 min
Delta R.T.: 0.001 min
Response: 134699073
Conc: 90.10 ng/ml



#17 4,4'-DDT

R.T.: 5.959 min
Delta R.T.: -0.005 min
Response: 177239006
Conc: 87.04 ng/ml



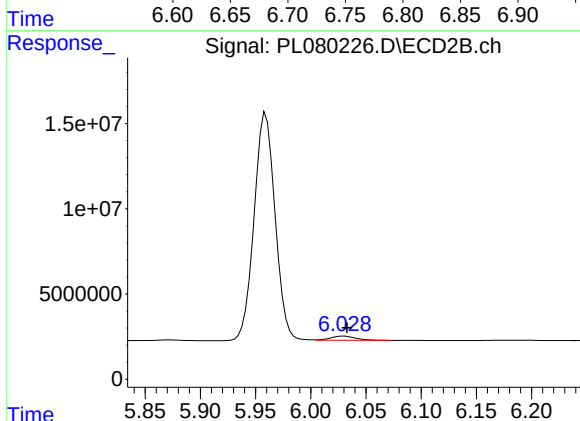
#18 Endrin aldehyde

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 2264610
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

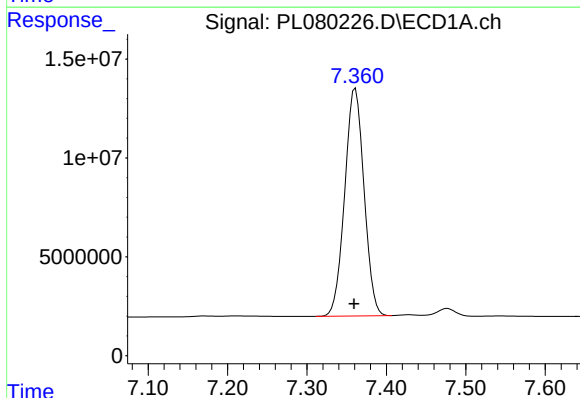
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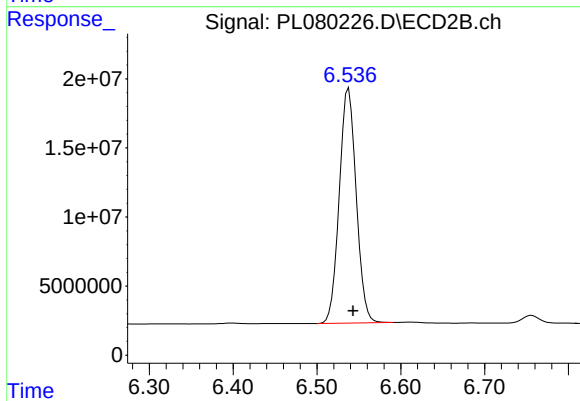
#18 Endrin aldehyde

R.T.: 6.028 min
Delta R.T.: -0.005 min
Response: 3782592
Conc: 2.15 ng/ml m



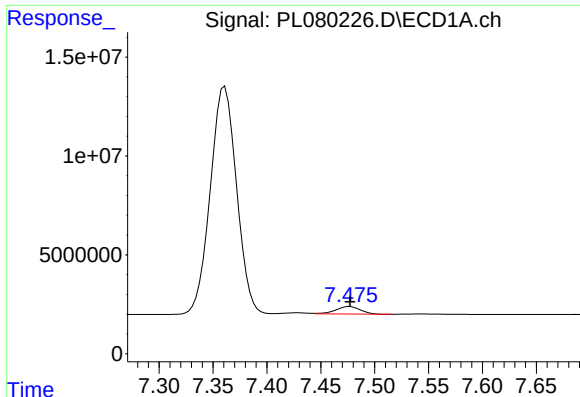
#20 Methoxychlor

R.T.: 7.361 min
Delta R.T.: 0.001 min
Response: 194710306
Conc: 218.96 ng/ml



#20 Methoxychlor

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 238778559
Conc: 208.34 ng/ml



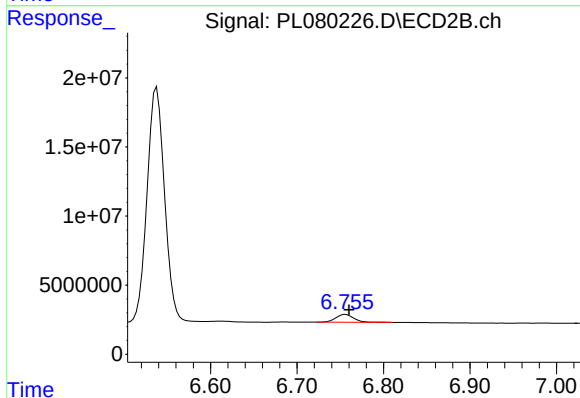
#21 Endrin ketone

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 5923570
Conc: 3.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

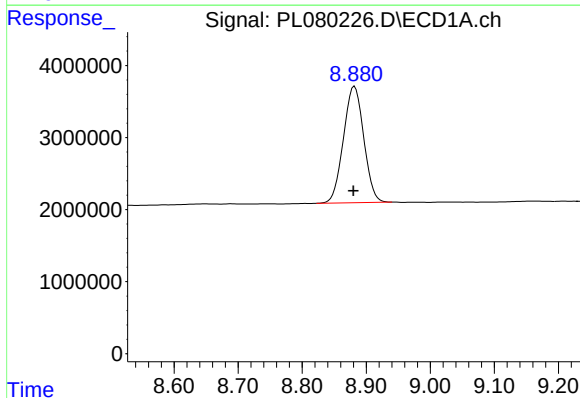
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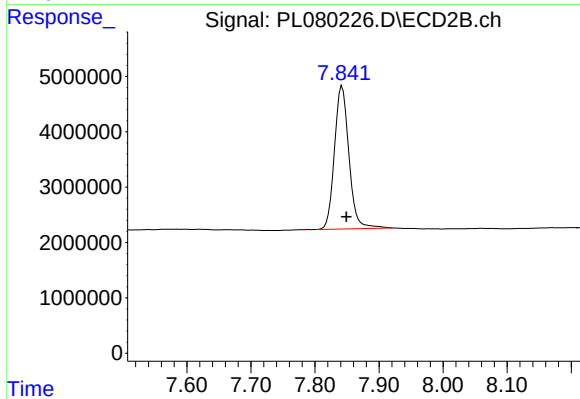
#21 Endrin ketone

R.T.: 6.756 min
Delta R.T.: -0.004 min
Response: 8120361
Conc: 3.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.882 min
Delta R.T.: 0.002 min
Response: 35620589
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.842 min
Delta R.T.: -0.007 min
Response: 40599056
Conc: 17.97 ng/ml