

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012723\
 Data File : PL080577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2023 20:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/30/2023
 Supervised By :Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 00:03:11 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...	3.351	2.689	42781936	42454808	19.947	19.329
28)	SA Decachlor...	8.787	7.836	37183057	45634290	21.238	19.154
Target Compounds							
2)	A alpha-BHC	3.799	3.189	29248478	27527237	9.232	8.655
3)	MA gamma-BHC...	4.128	3.518	28108200	26469286	9.561	8.861
6)	B beta-BHC	4.324	3.814	14575149	13759700	10.678	10.310
12)	B 4,4'-DDE	5.984	5.146	402441	462017	0.181m	0.196m
14)	MA Endrin	6.356	5.550	89675125	96146300	41.464m	41.422
16)	A 4,4'-DDD	6.499	5.701	9954849	9243790	5.434	4.919
17)	MA 4,4'-DDT	6.813	5.953	170.4E6	184.1E6	82.024	87.602
18)	B Endrin al...	6.706	6.022	3675861	4276586	2.210	2.342m
20)	A Methoxychlor	7.291	6.531	228.2E6	245.1E6	206.858	201.986
21)	B Endrin ke...	7.419	6.749	10026511	11694176	4.544	4.580m

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

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ALS Vial : 3 Sample Multiplier: 1

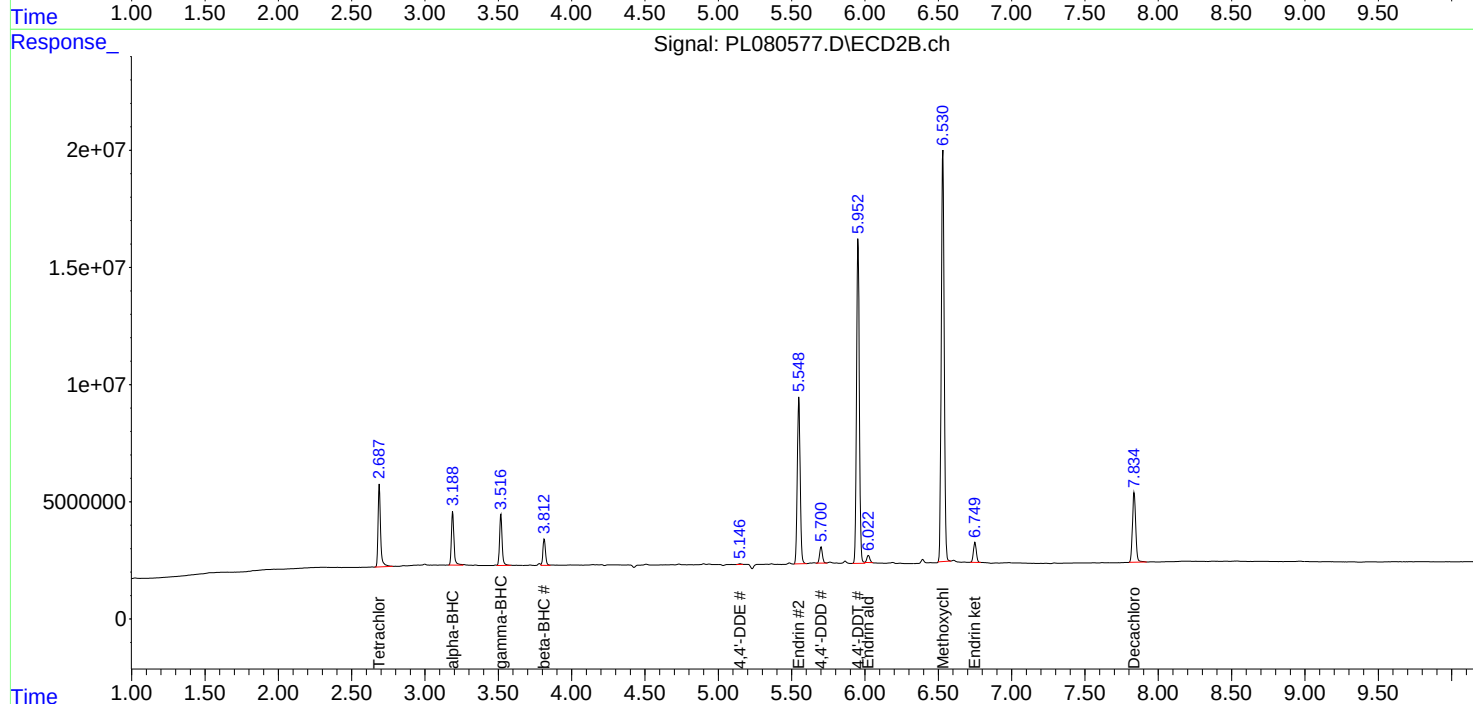
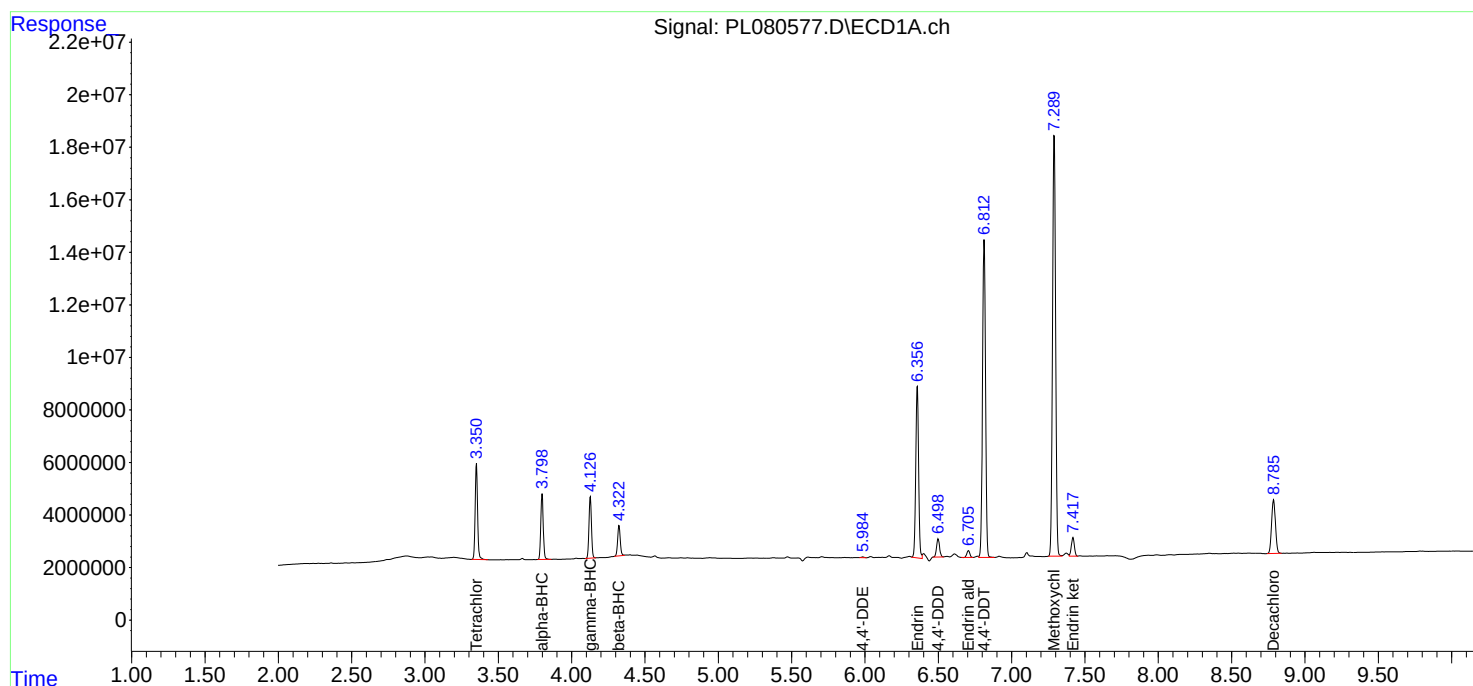
Instrument :
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ClientSampleId :
PEM

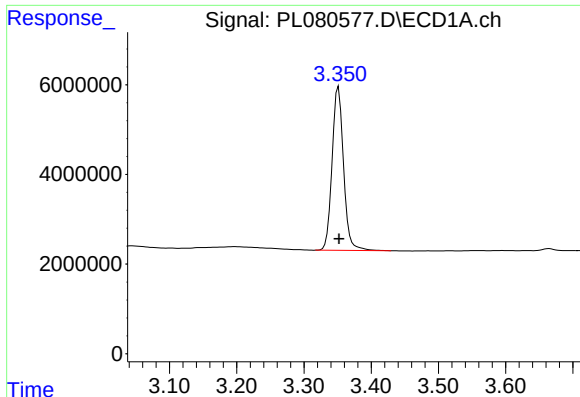
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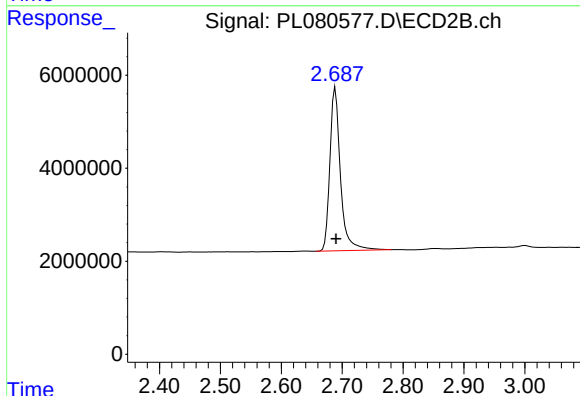
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 42781936
Conc: 19.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

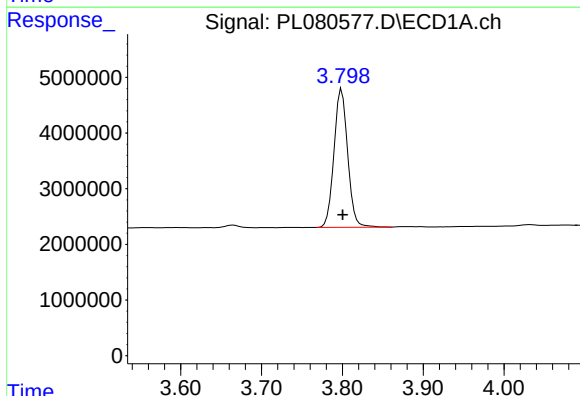
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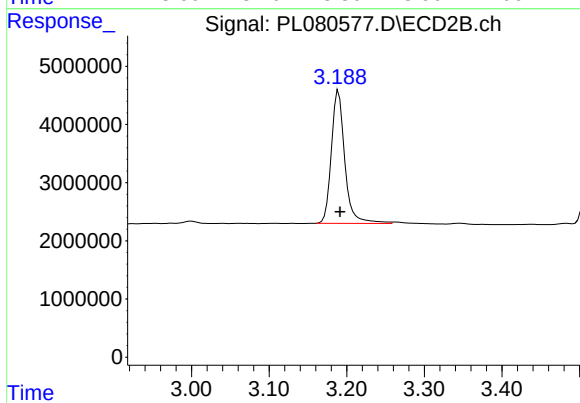
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 42454808
Conc: 19.33 ng/ml



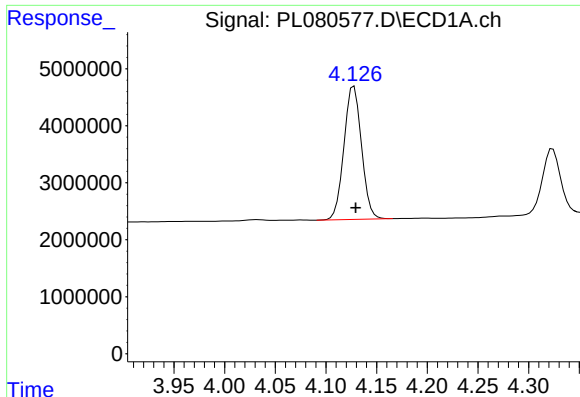
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 29248478
Conc: 9.23 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 27527237
Conc: 8.66 ng/ml



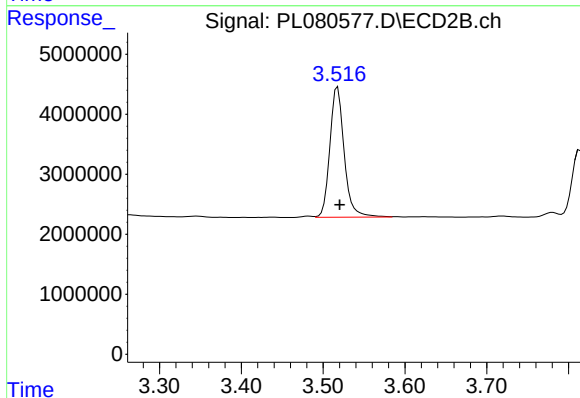
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 28108200
Conc: 9.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

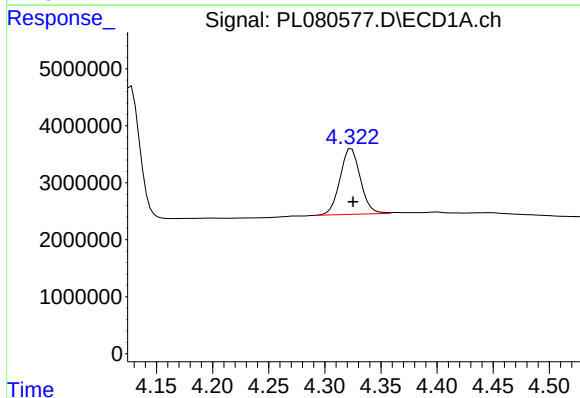
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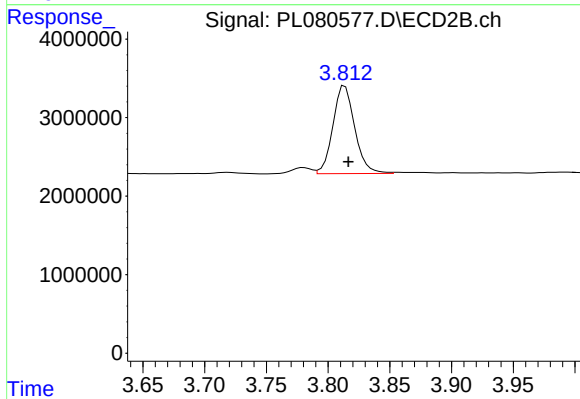
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 26469286
Conc: 8.86 ng/ml



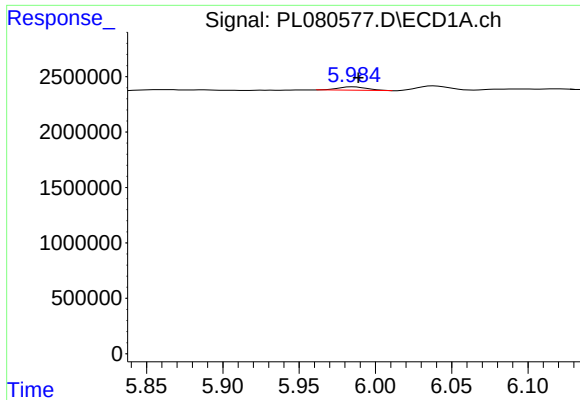
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 14575149
Conc: 10.68 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 13759700
Conc: 10.31 ng/ml



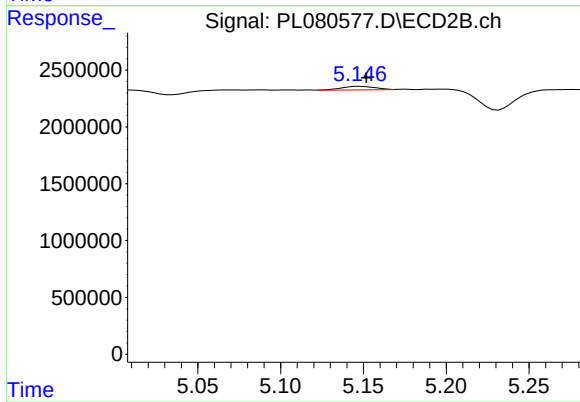
#12 4,4'-DDE

R.T.: 5.984 min
Delta R.T.: -0.005 min
Response: 402441
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

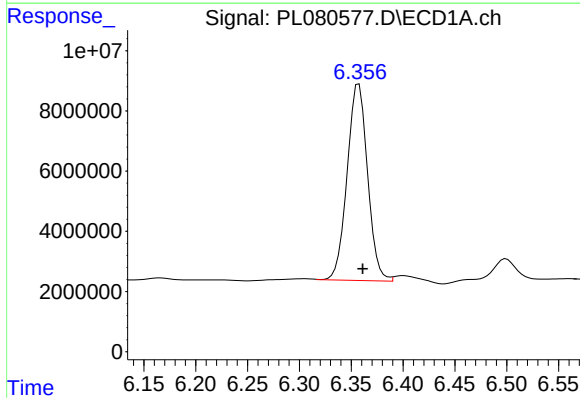
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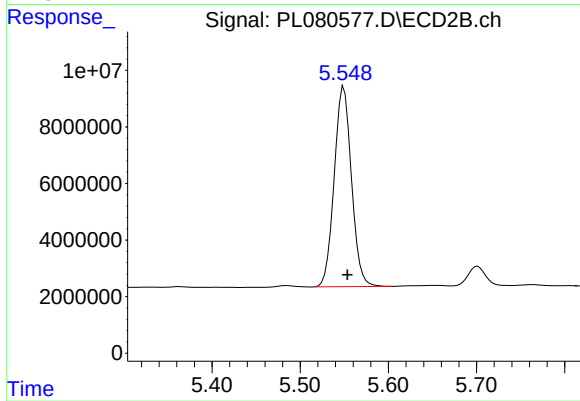
#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 462017
Conc: 0.20 ng/ml m



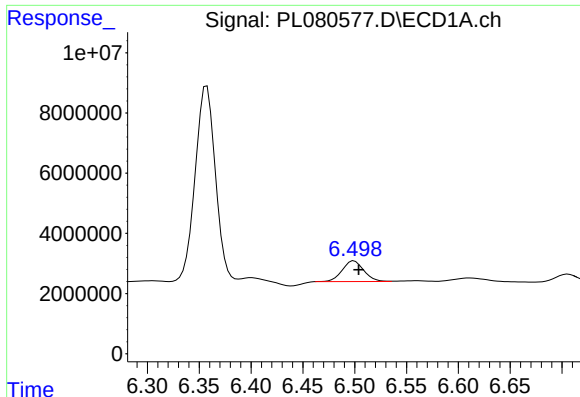
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 89675125
Conc: 41.46 ng/ml m



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 96146300
Conc: 41.42 ng/ml



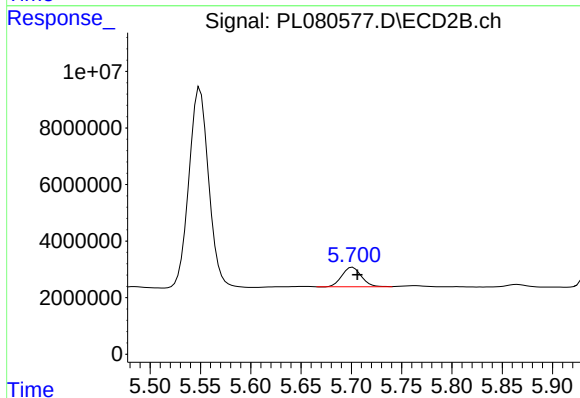
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 9954849
Conc: 5.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

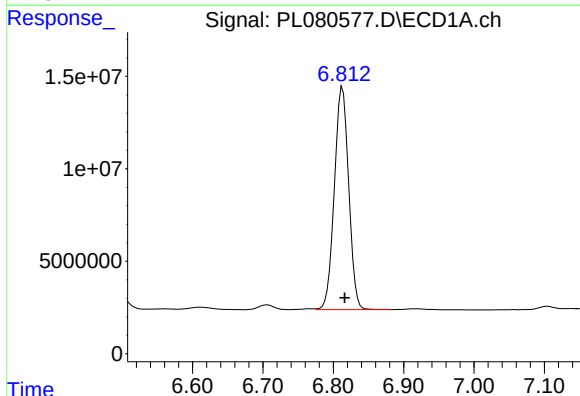
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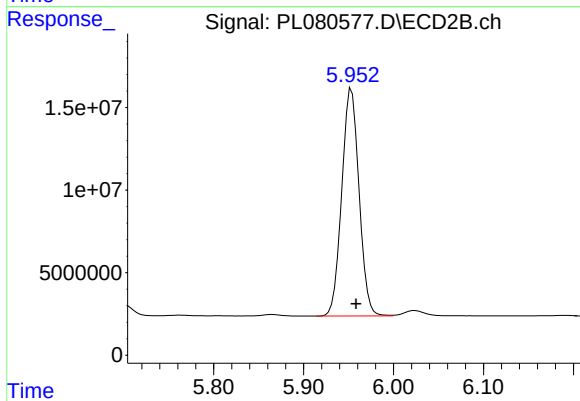
#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 9243790
Conc: 4.92 ng/ml



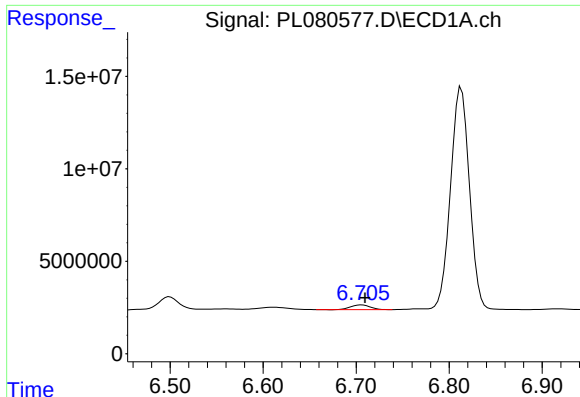
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 170417757
Conc: 82.02 ng/ml



#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 184093805
Conc: 87.60 ng/ml



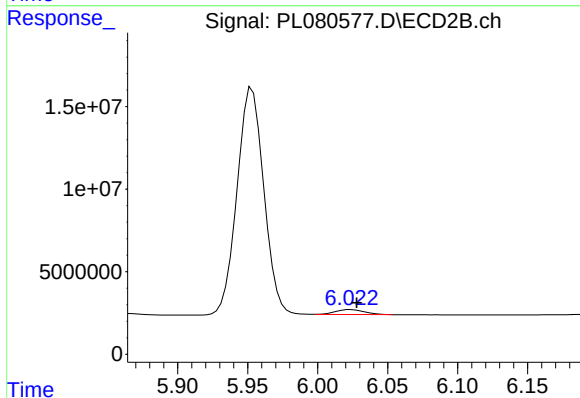
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 3675861
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

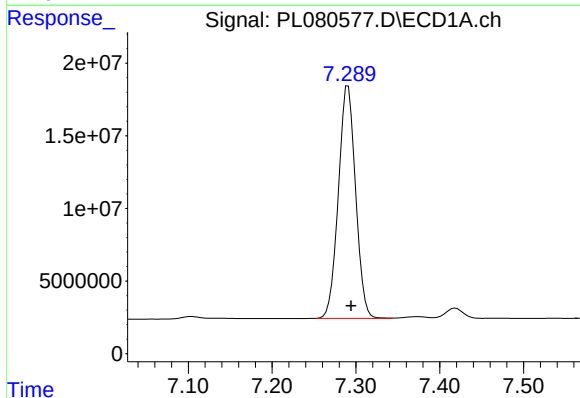
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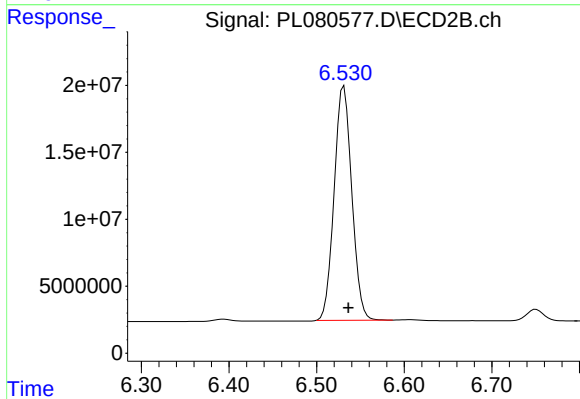
#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 4276586
Conc: 2.34 ng/ml m



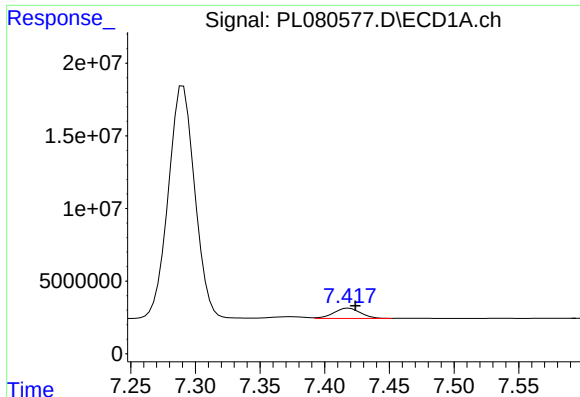
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 228223920
Conc: 206.86 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 245102796
Conc: 201.99 ng/ml



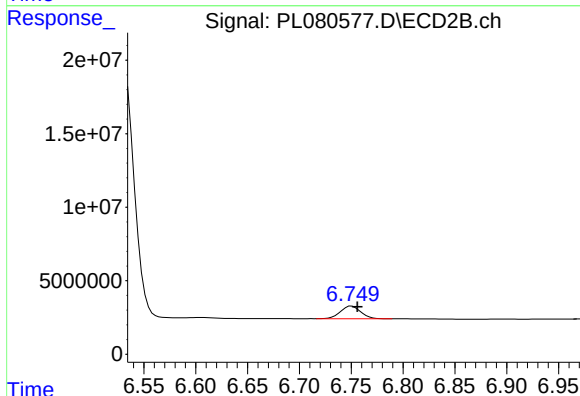
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 10026511
Conc: 4.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

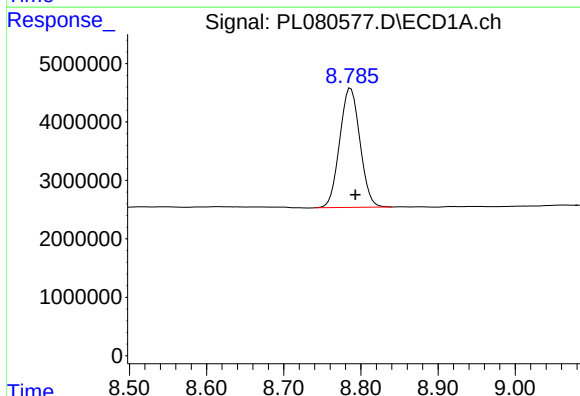
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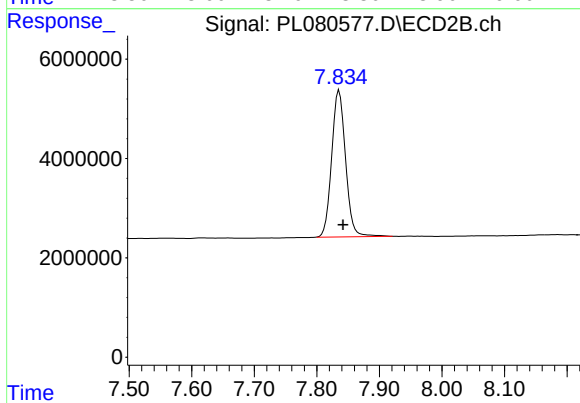
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 11694176
Conc: 4.58 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 37183057
Conc: 21.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 45634290
Conc: 19.15 ng/ml