

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
 Data File : PL080927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2023 10:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/16/2023
 Supervised By : Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 20:23:48 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	2.688	42115810	40958958	19.636	18.648
28)	SA Decachlor...	8.787	7.831	34532361	44501000	19.724	18.678
Target Compounds							
2)	A alpha-BHC	3.798	3.188	28884513	27281288	9.118	8.578
3)	MA gamma-BHC...	4.127	3.517	28125372	26634706	9.567	8.916
6)	B beta-BHC	4.324	3.813	13753493	13605544	10.076	10.194
14)	MA Endrin	6.355	5.547	97122475	107.4E6	44.908m	46.283
16)	A 4,4'-DDD	6.499	5.699	1071471	981621	0.585m	0.522
17)	MA 4,4'-DDT	6.813	5.951	198.1E6	217.2E6	95.353	103.342
18)	B Endrin al...	6.704	6.022	2113135	4097753	1.270m	2.244 #
20)	A Methoxychlor	7.290	6.528	263.5E6	285.8E6	238.807	235.543
21)	B Endrin ke...	7.419	6.746	4528423	4867454	2.052	1.906m

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

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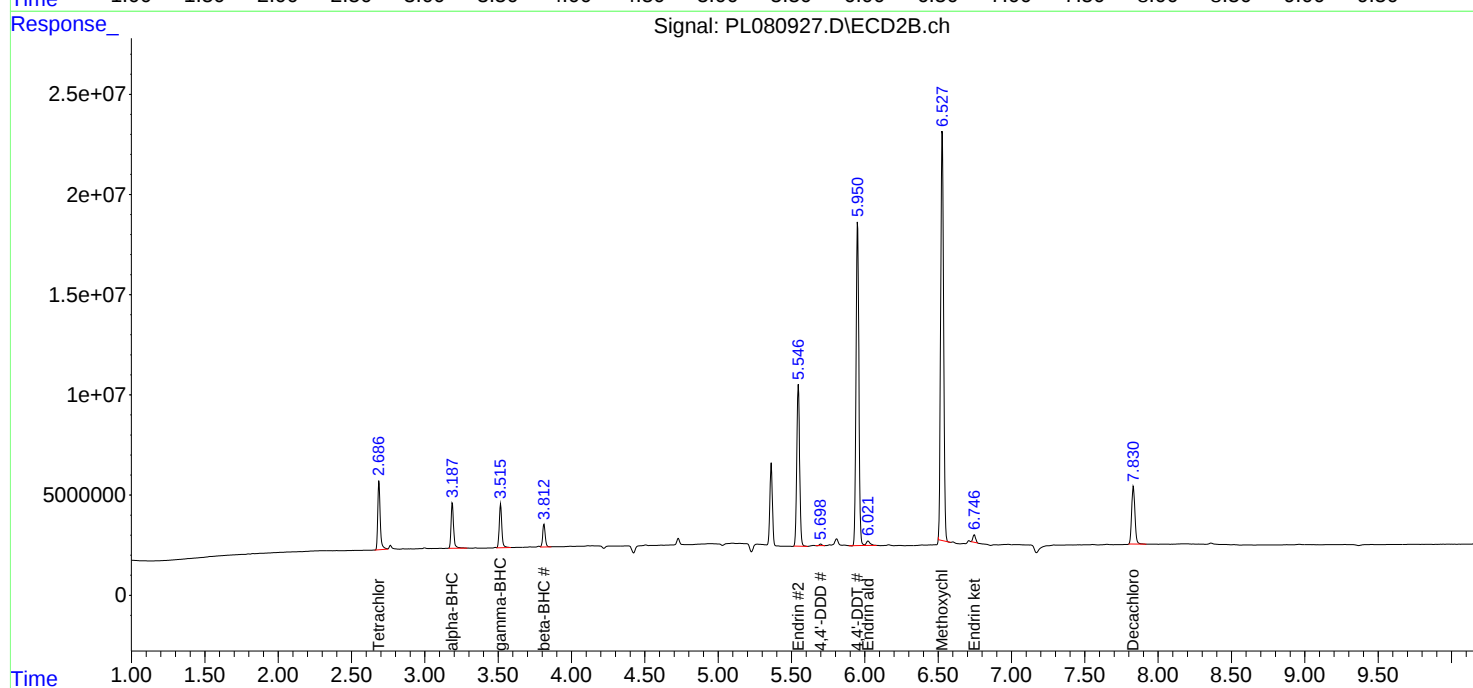
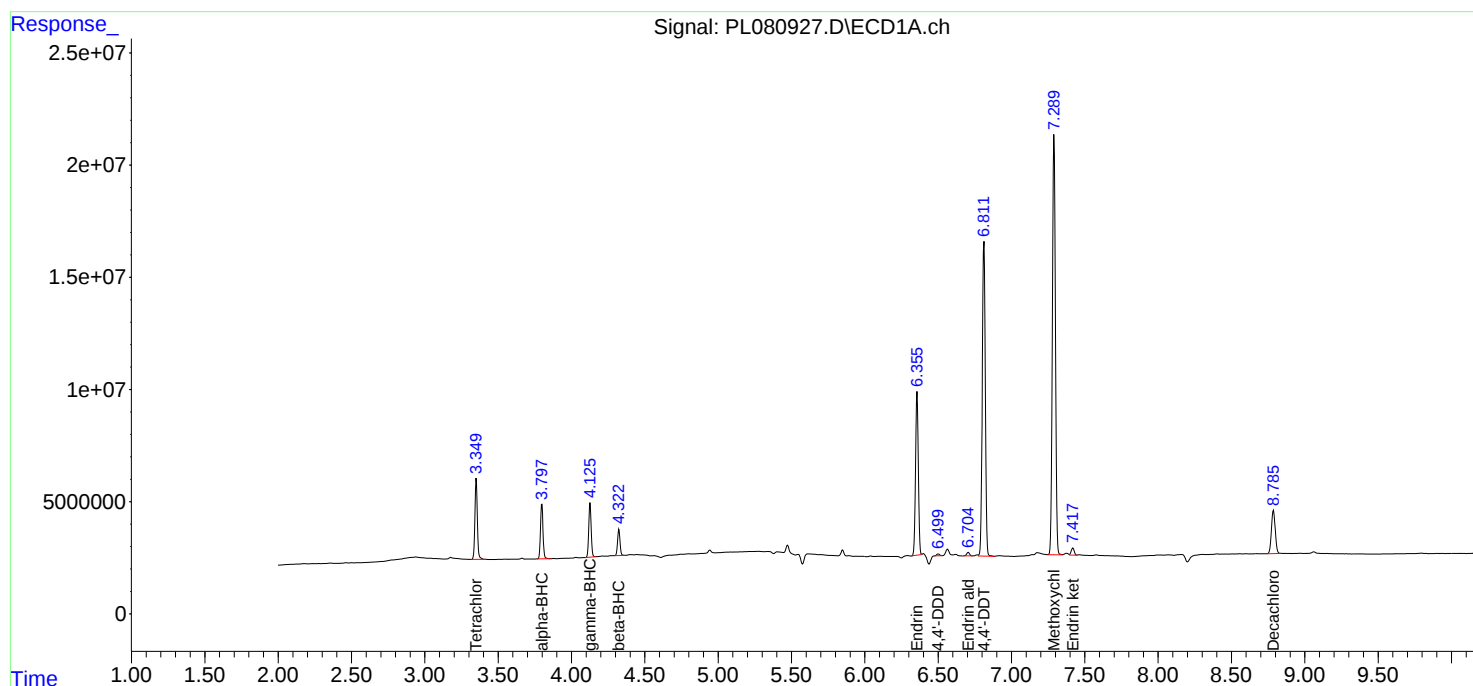
Instrument :
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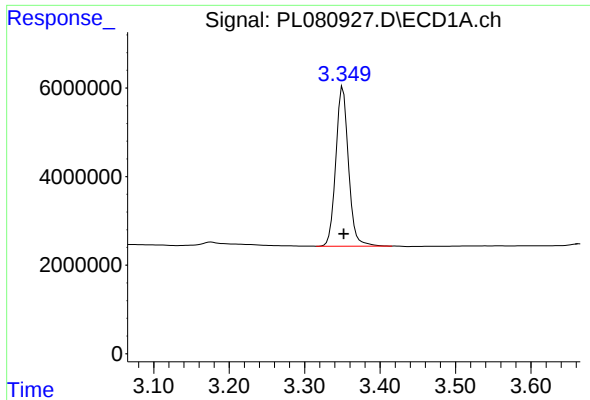
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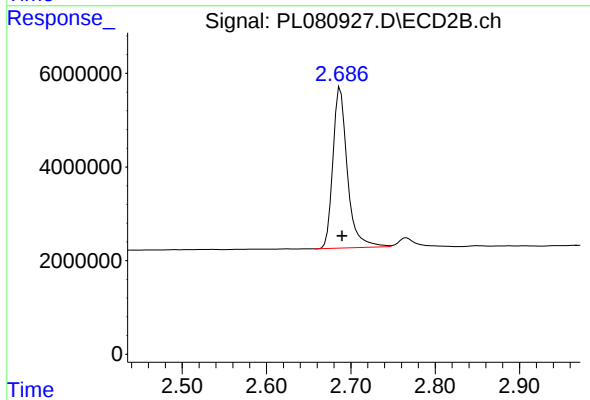
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 42115810
Conc: 19.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

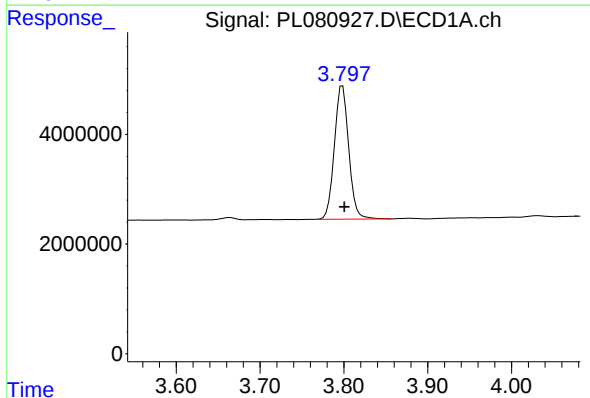
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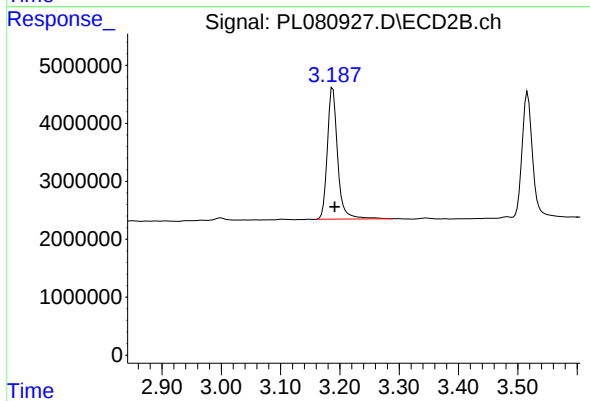
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 40958958
Conc: 18.65 ng/ml



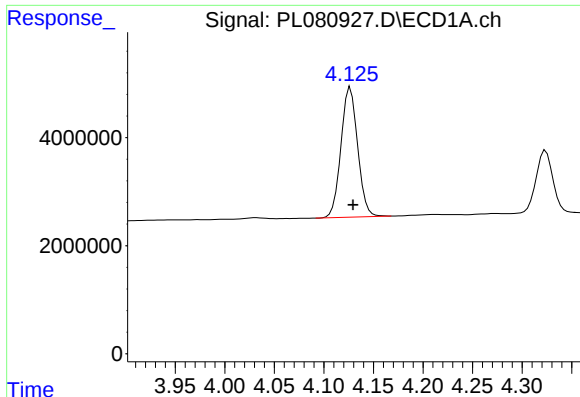
#2 alpha-BHC

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 28884513
Conc: 9.12 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 27281288
Conc: 8.58 ng/ml



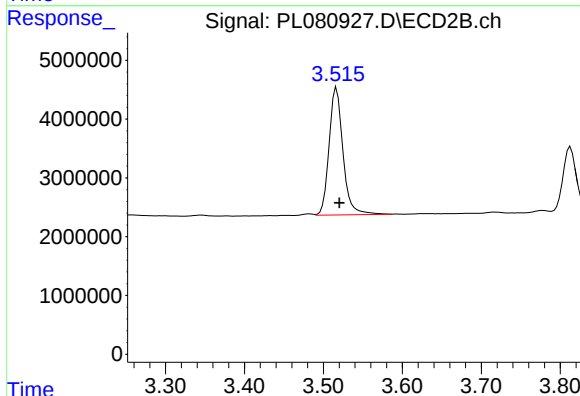
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.003 min
Response: 28125372
Conc: 9.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

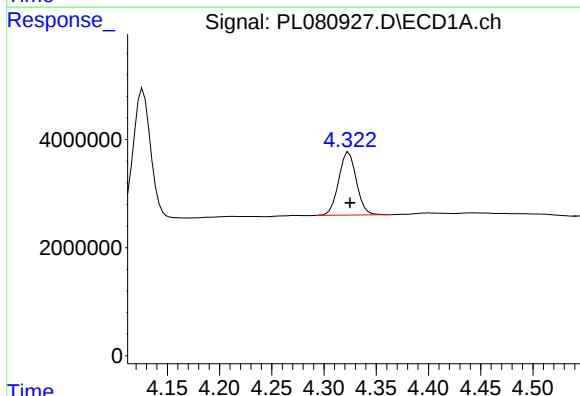
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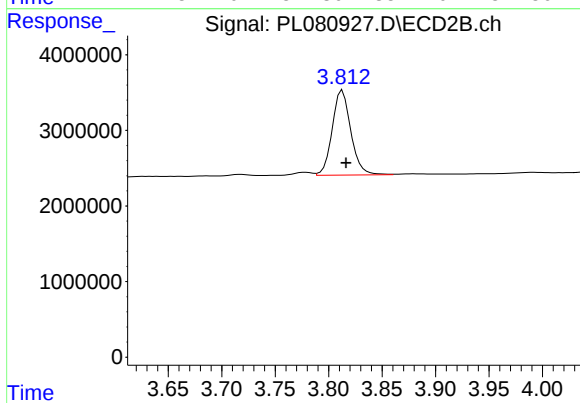
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.004 min
Response: 26634706
Conc: 8.92 ng/ml



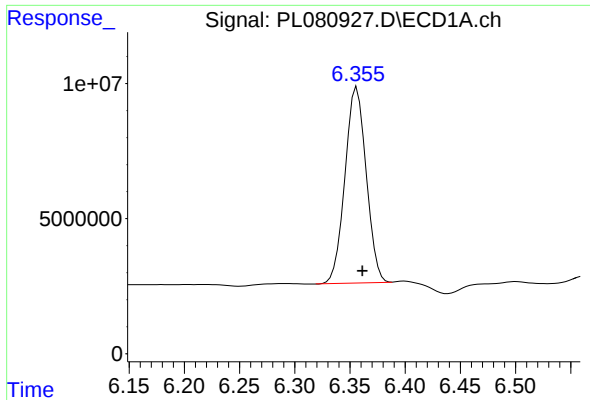
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 13753493
Conc: 10.08 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 13605544
Conc: 10.19 ng/ml



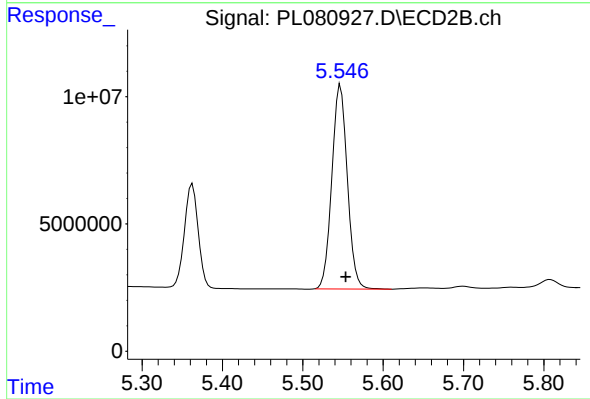
#14 Endrin

R.T.: 6.355 min
Delta R.T.: -0.006 min
Response: 97122475
Conc: 44.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

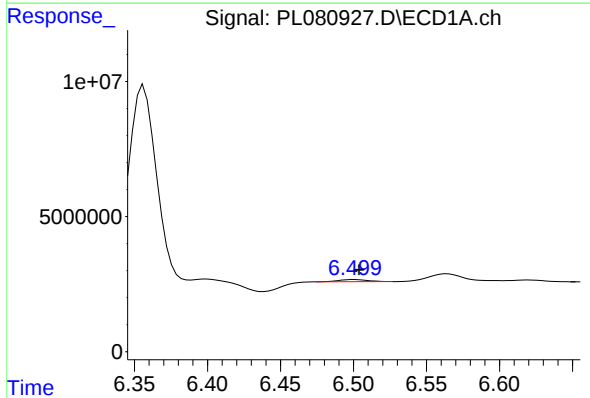
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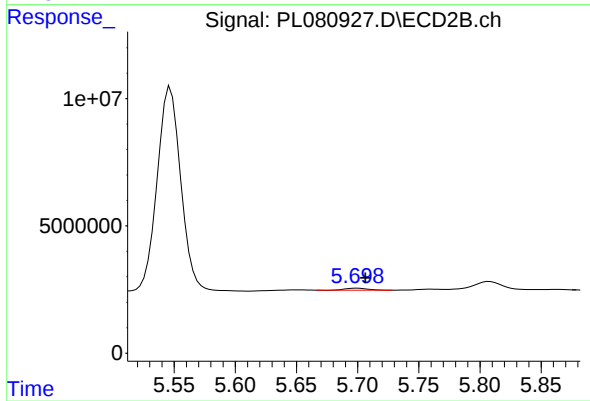
#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 107430061
Conc: 46.28 ng/ml



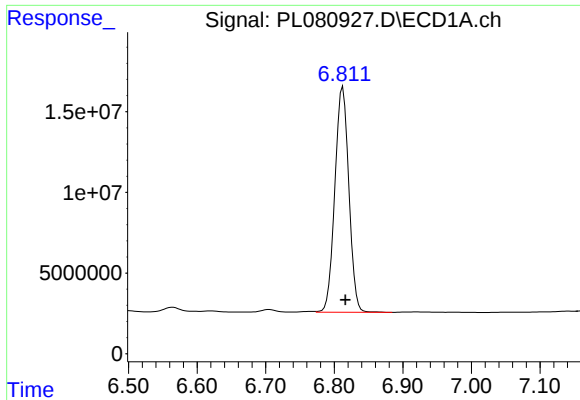
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 1071471
Conc: 0.58 ng/ml m



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 981621
Conc: 0.52 ng/ml



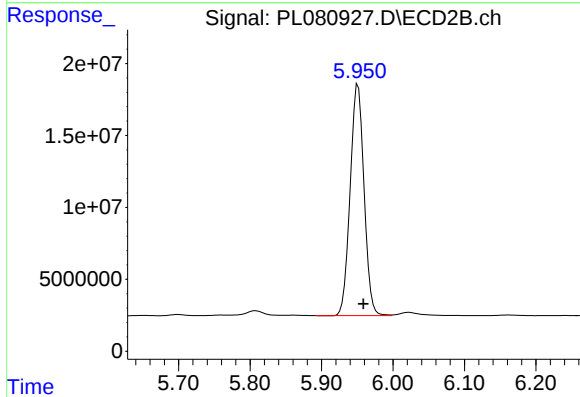
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 198112461
Conc: 95.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

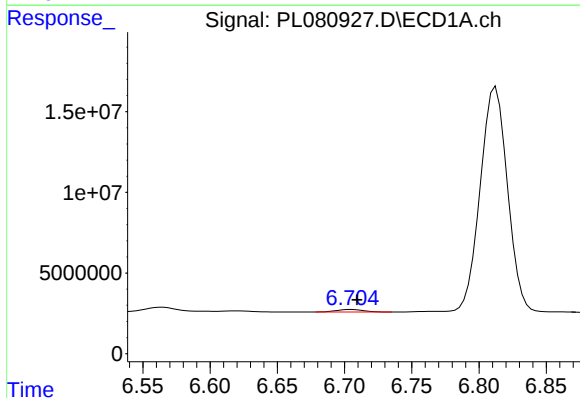
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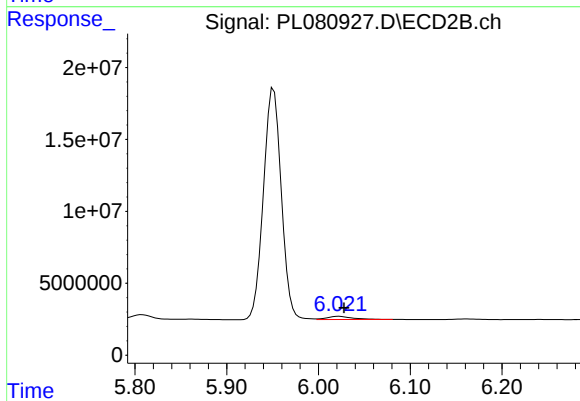
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 217172597
Conc: 103.34 ng/ml



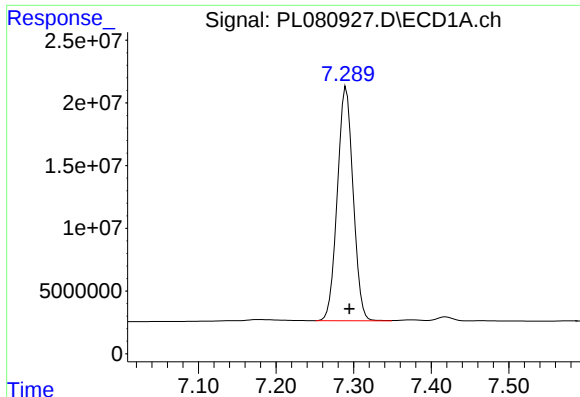
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 2113135
Conc: 1.27 ng/ml m



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 4097753
Conc: 2.24 ng/ml



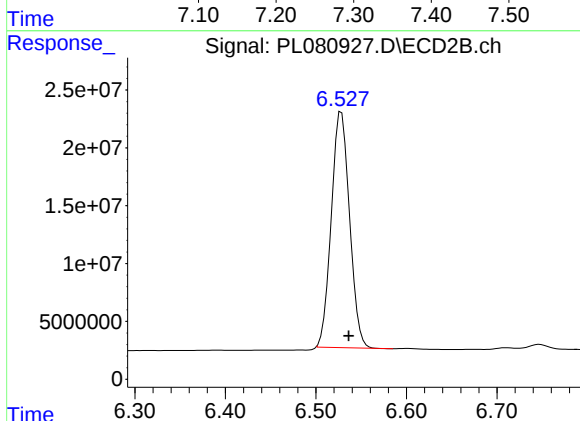
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 263472692
Conc: 238.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

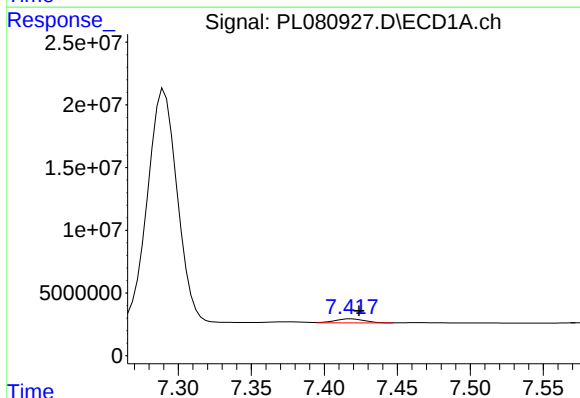
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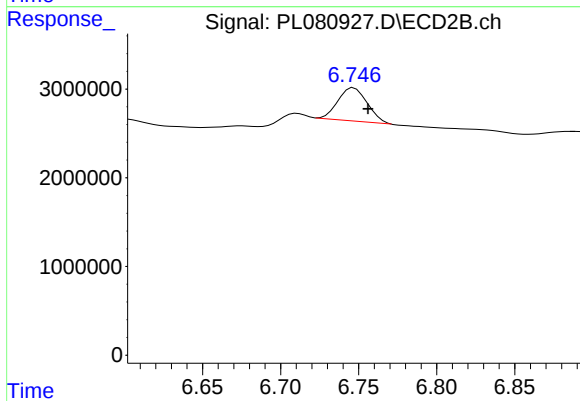
#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 285822863
Conc: 235.54 ng/ml



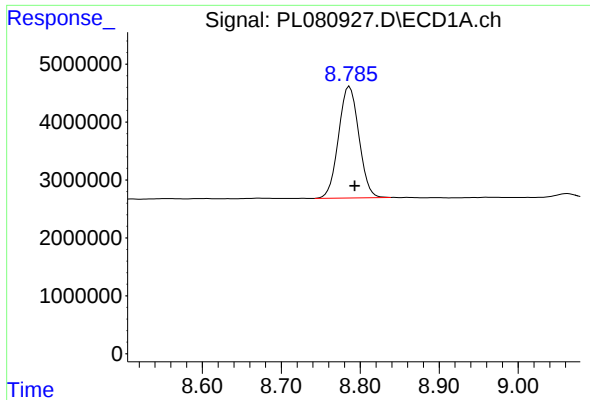
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 4528423
Conc: 2.05 ng/ml



#21 Endrin ketone

R.T.: 6.746 min
Delta R.T.: -0.010 min
Response: 4867454
Conc: 1.91 ng/ml m



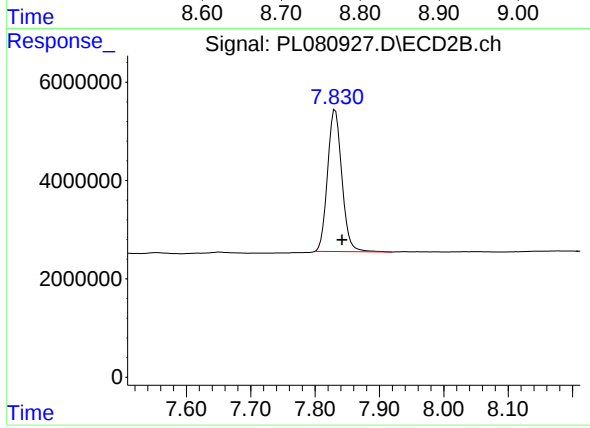
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.007 min
Response: 34532361
Conc: 19.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.831 min
Delta R.T.: -0.011 min
Response: 44501000
Conc: 18.68 ng/ml