

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032923\
 Data File : PL081774.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2023 09:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/30/2023
 Supervised By :Ankita Jodhani 03/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 22:00:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.330	2.658	44040802	36030976	18.935	18.050
28)	SA Decachlor...	8.755	7.777	32011219	38430641	17.887	19.378
Target Compounds							
2)	A alpha-BHC	3.779	3.157	30310627	24225312	8.841	8.311
3)	MA gamma-BHC...	4.108	3.485	29094144	23293971	9.158	8.366
6)	B beta-BHC	4.310	3.784	14913729	11469524	9.909	9.630
12)	B 4,4'-DDE	5.959	5.097	665811	261125	0.295	0.133m#
14)	MA Endrin	6.333	5.505	87668675	89336075	41.446	44.145
16)	A 4,4'-DDD	6.476	5.656	2639336	2707896	1.463m	1.784
17)	MA 4,4'-DDT	6.789	5.904	163.7E6	163.6E6	80.669	94.936
18)	B Endrin al...	6.686	5.982	2343702	3197793	1.432	2.059 #
20)	A Methoxychlor	7.270	6.485	221.5E6	225.5E6	205.673	226.367
21)	B Endrin ke...	7.400	6.709	4171732	5485979	1.992	2.567 #

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

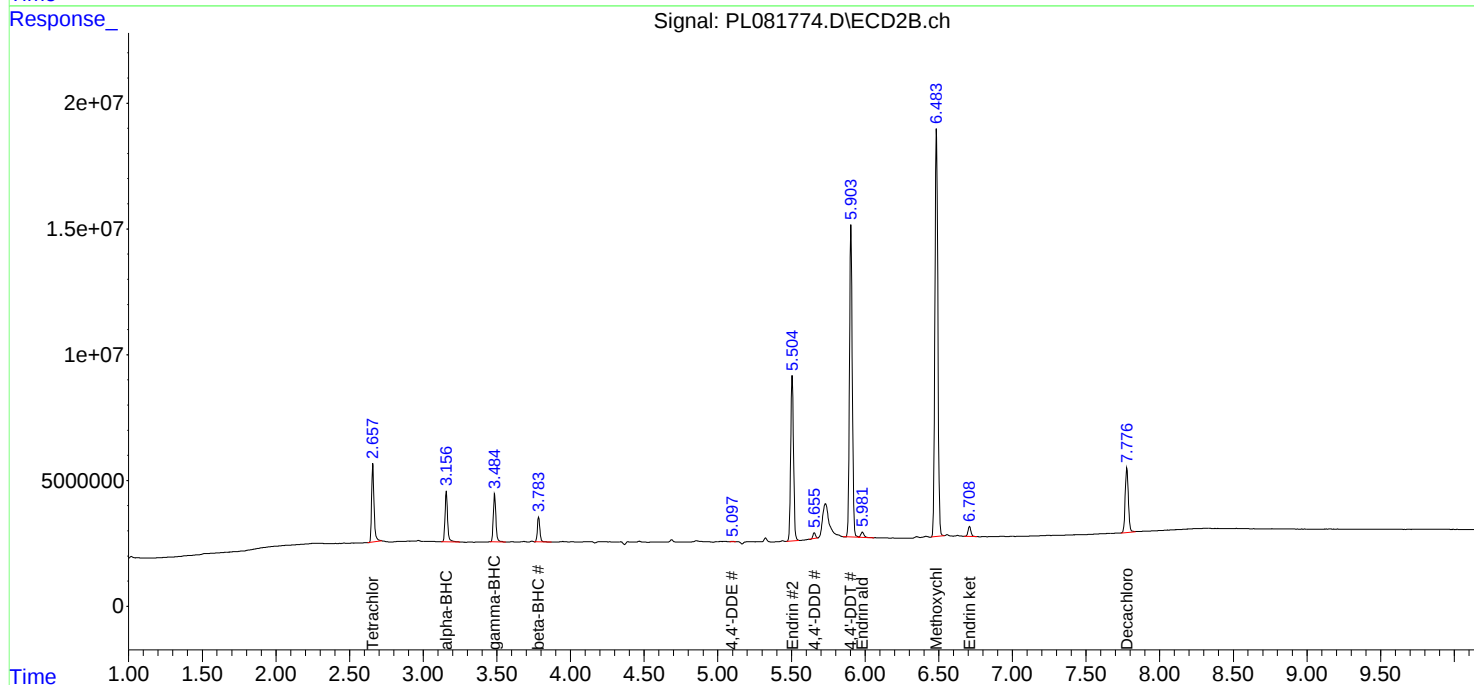
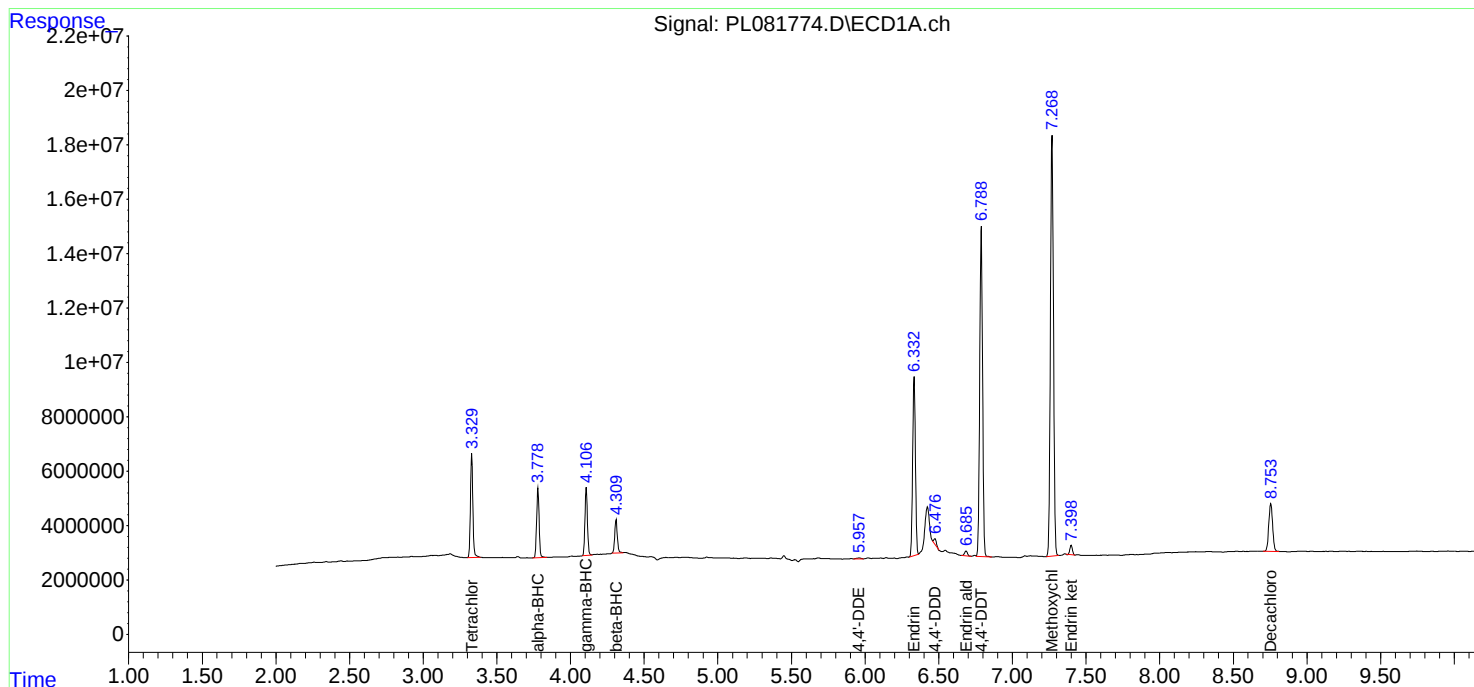
Instrument :
ECD_L
ClientSampleId :
PEM

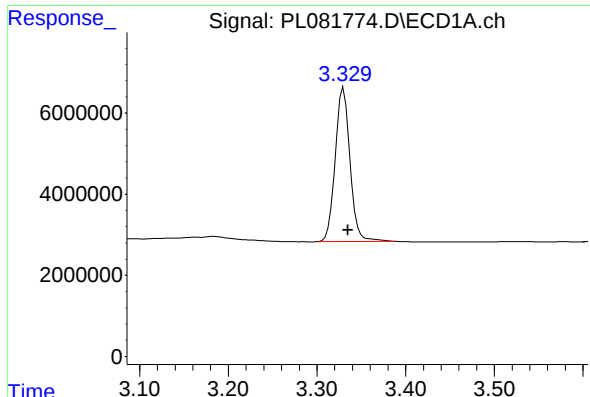
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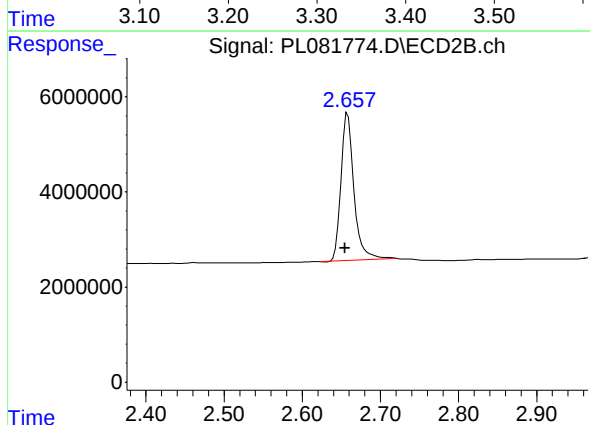
#1 Tetrachloro-m-xylene

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 44040802
Conc: 18.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

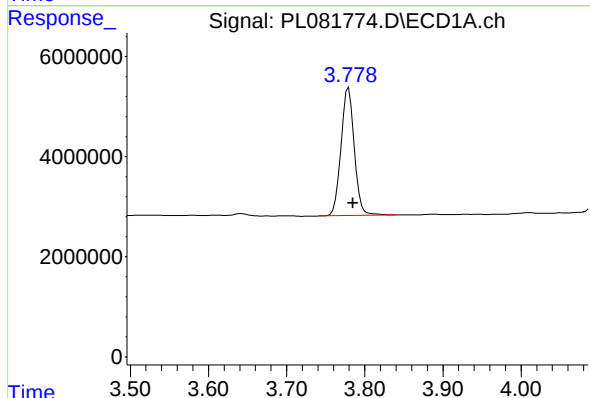
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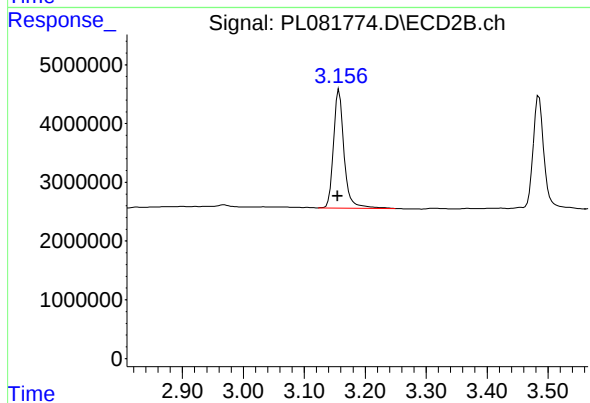
#1 Tetrachloro-m-xylene

R.T.: 2.658 min
Delta R.T.: 0.004 min
Response: 36030976
Conc: 18.05 ng/ml



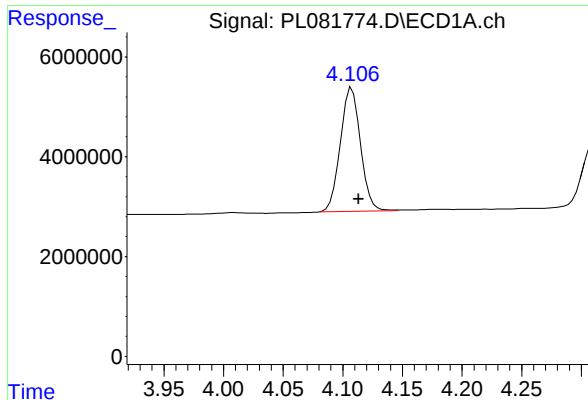
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.005 min
Response: 30310627
Conc: 8.84 ng/ml



#2 alpha-BHC

R.T.: 3.157 min
Delta R.T.: 0.002 min
Response: 24225312
Conc: 8.31 ng/ml



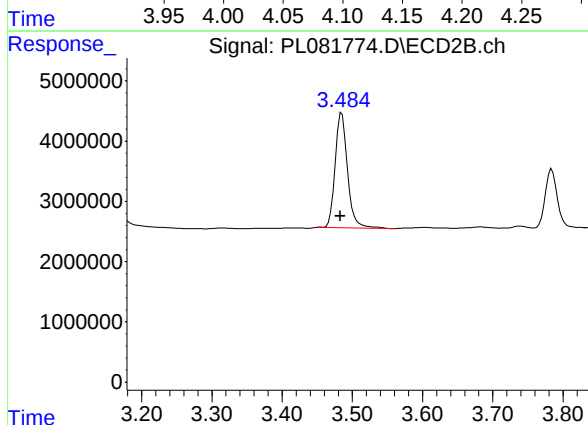
#3 gamma-BHC (Lindane)

R.T.: 4.108 min
Delta R.T.: -0.006 min
Response: 29094144
Conc: 9.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

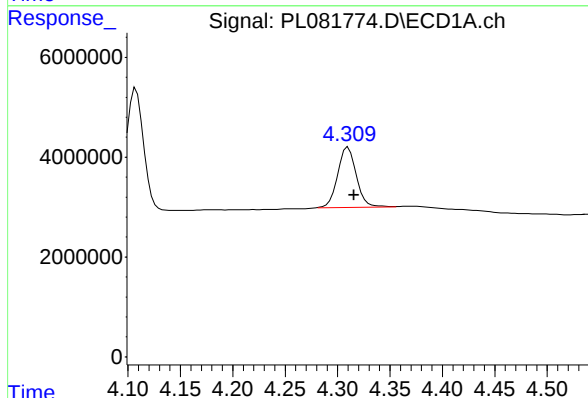
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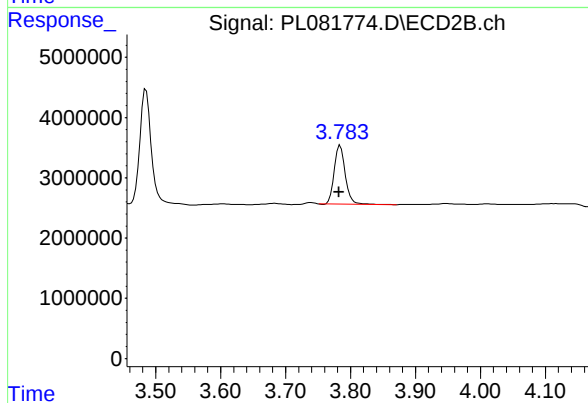
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.002 min
Response: 23293971
Conc: 8.37 ng/ml



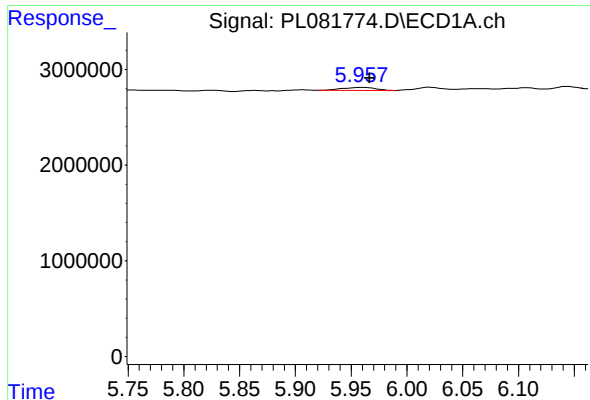
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 14913729
Conc: 9.91 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 11469524
Conc: 9.63 ng/ml



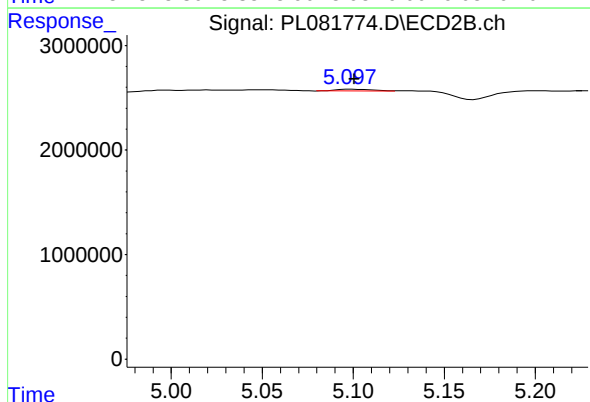
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 665811
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

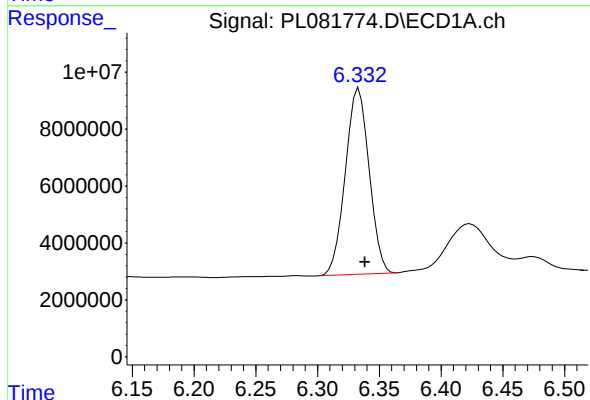
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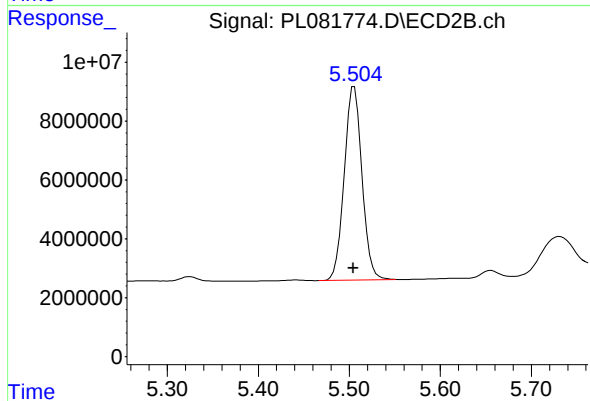
#12 4,4'-DDE

R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 261125
Conc: 0.13 ng/ml



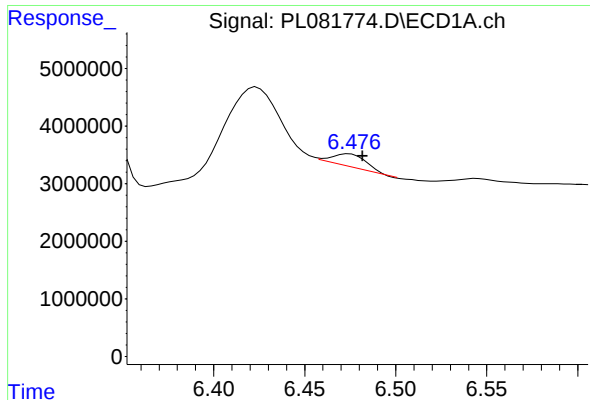
#14 Endrin

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 87668675
Conc: 41.45 ng/ml



#14 Endrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 89336075
Conc: 44.14 ng/ml



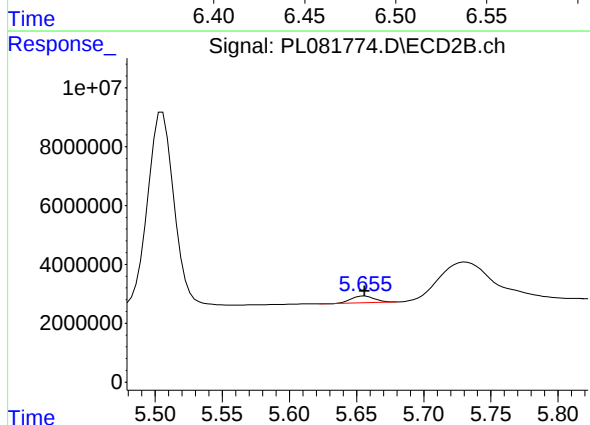
#16 4,4'-DDD

R.T.: 6.476 min
Delta R.T.: -0.006 min
Response: 2639336
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

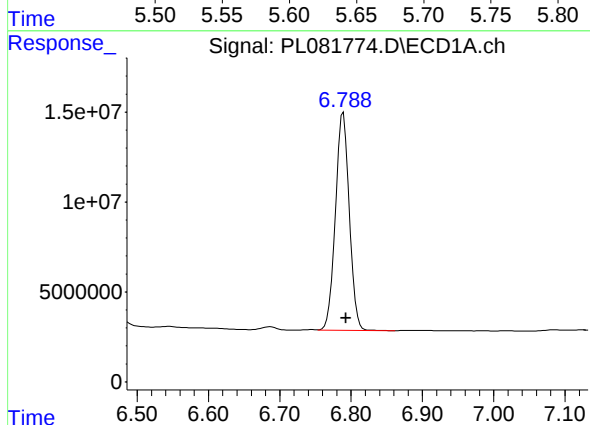
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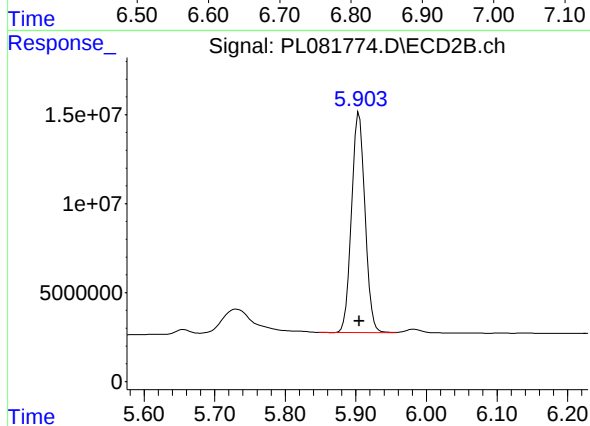
#16 4,4'-DDD

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 2707896
Conc: 1.78 ng/ml



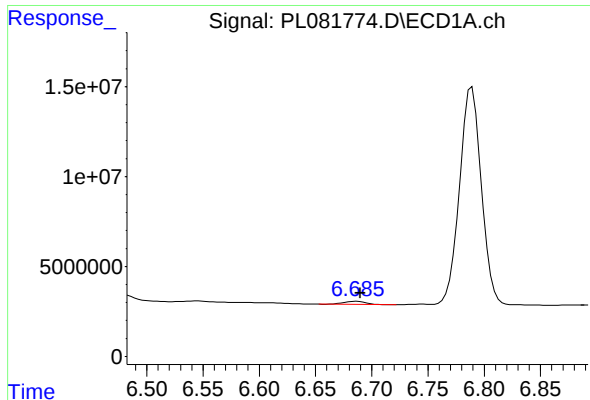
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 163728118
Conc: 80.67 ng/ml



#17 4,4'-DDT

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 163601032
Conc: 94.94 ng/ml



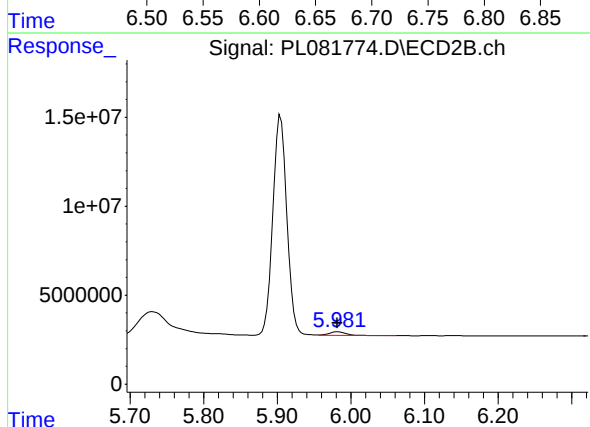
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 2343702
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

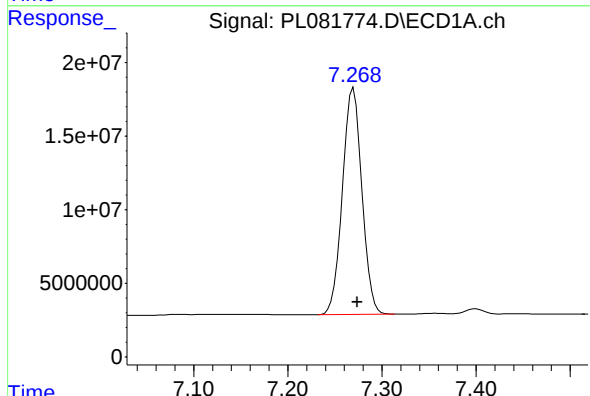
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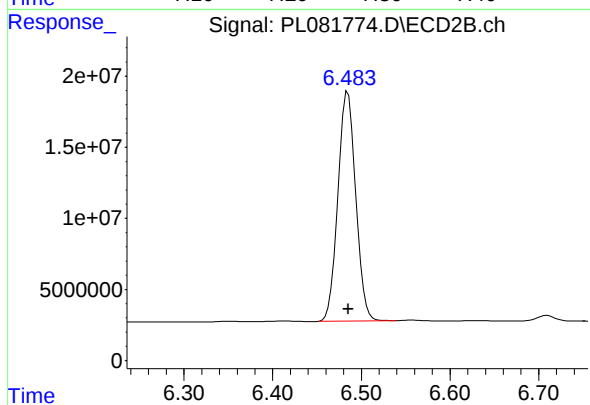
#18 Endrin aldehyde

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 3197793
Conc: 2.06 ng/ml



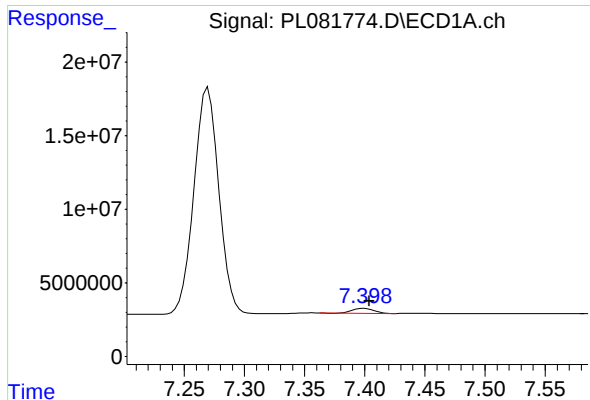
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 221487884
Conc: 205.67 ng/ml



#20 Methoxychlor

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 225470141
Conc: 226.37 ng/ml



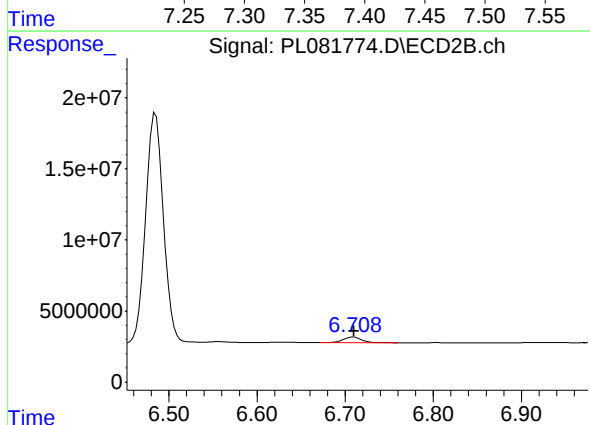
#21 Endrin ketone

R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 4171732
Conc: 1.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

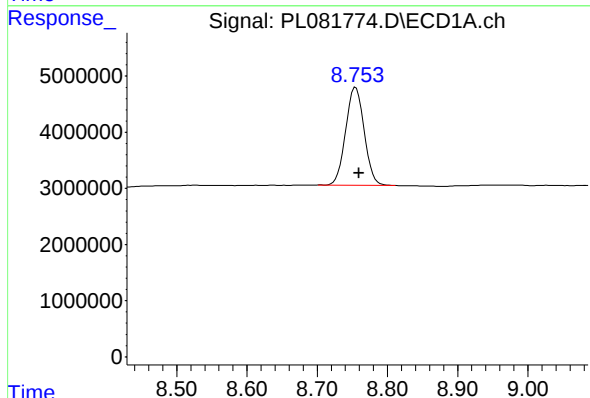
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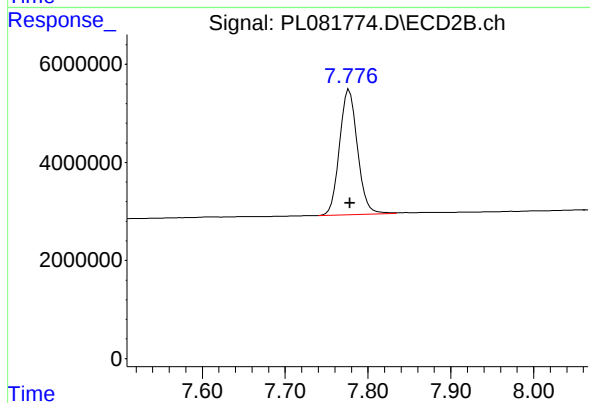
#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 5485979
Conc: 2.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.005 min
Response: 32011219
Conc: 17.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: -0.001 min
Response: 38430641
Conc: 19.38 ng/ml