

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091323\
 Data File : PL085270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2023 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/13/2023
 Supervised By : Ankita Jodhani 09/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 15:37:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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...	3.476	2.684	50353564	21728466	20.587	19.124
28)	SA Decachlor...	9.028	7.864	33413248	25008180	20.778	18.788
Target Compounds							
2)	A alpha-BHC	3.934	3.188	35175095	14869606	10.208	9.092
3)	MA gamma-BHC...	4.268	3.519	33601948	14240568	10.122	8.923
6)	B beta-BHC	4.469	3.821	16414509	7147891	11.614	10.534
14)	MA Endrin	6.526	5.559	99412642	59051680	48.127	46.198
16)	A 4,4'-DDD	6.668	5.718	586876	298572	0.381m	0.284m#
17)	MA 4,4'-DDT	6.986	5.971	181.6E6	121.9E6	107.807	104.548
18)	B Endrin al...	6.879	6.040	2102965	4441804	1.368m	4.349 #
20)	A Methoxychlor	7.467	6.555	228.5E6	159.1E6	251.435	236.430
21)	B Endrin ke...	7.596	6.765	3851866	3482003	1.966m	2.361m

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

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Acq On : 12 Sep 2023 09:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

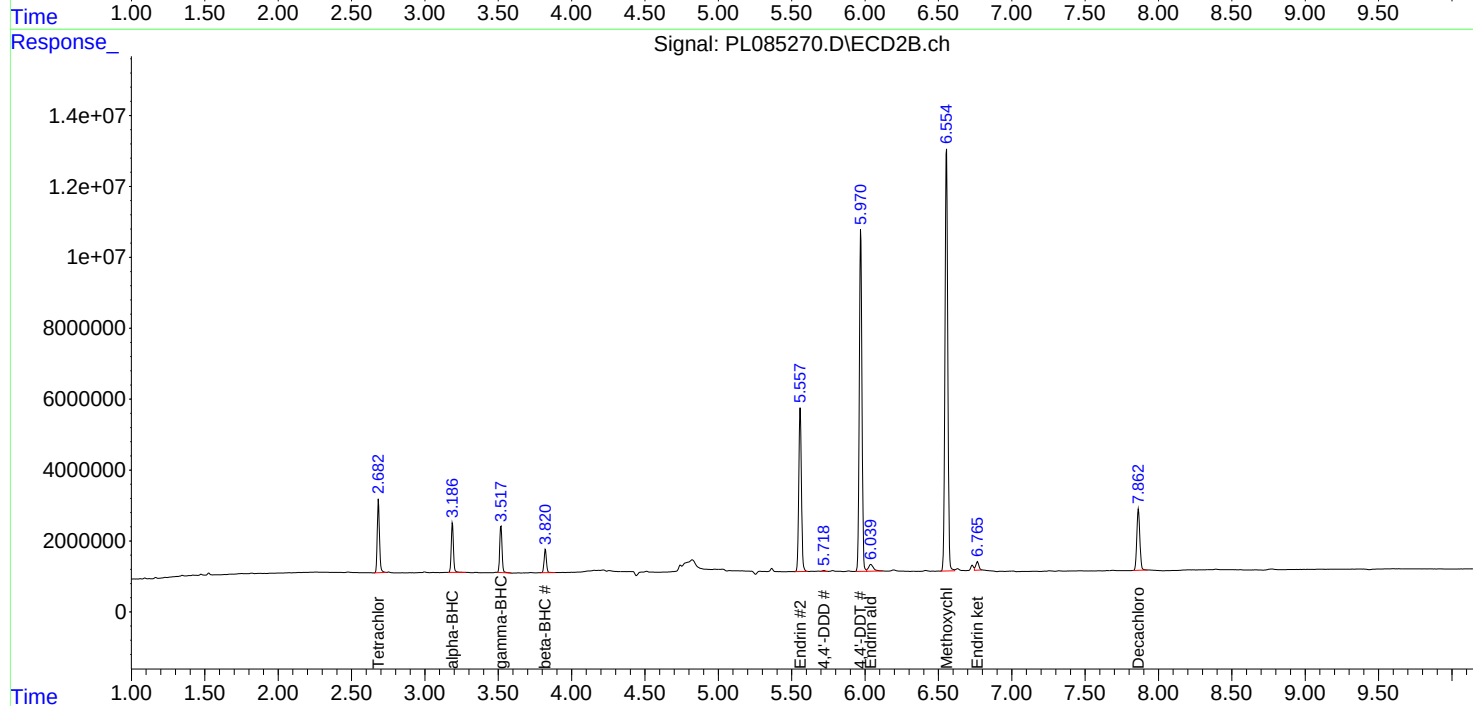
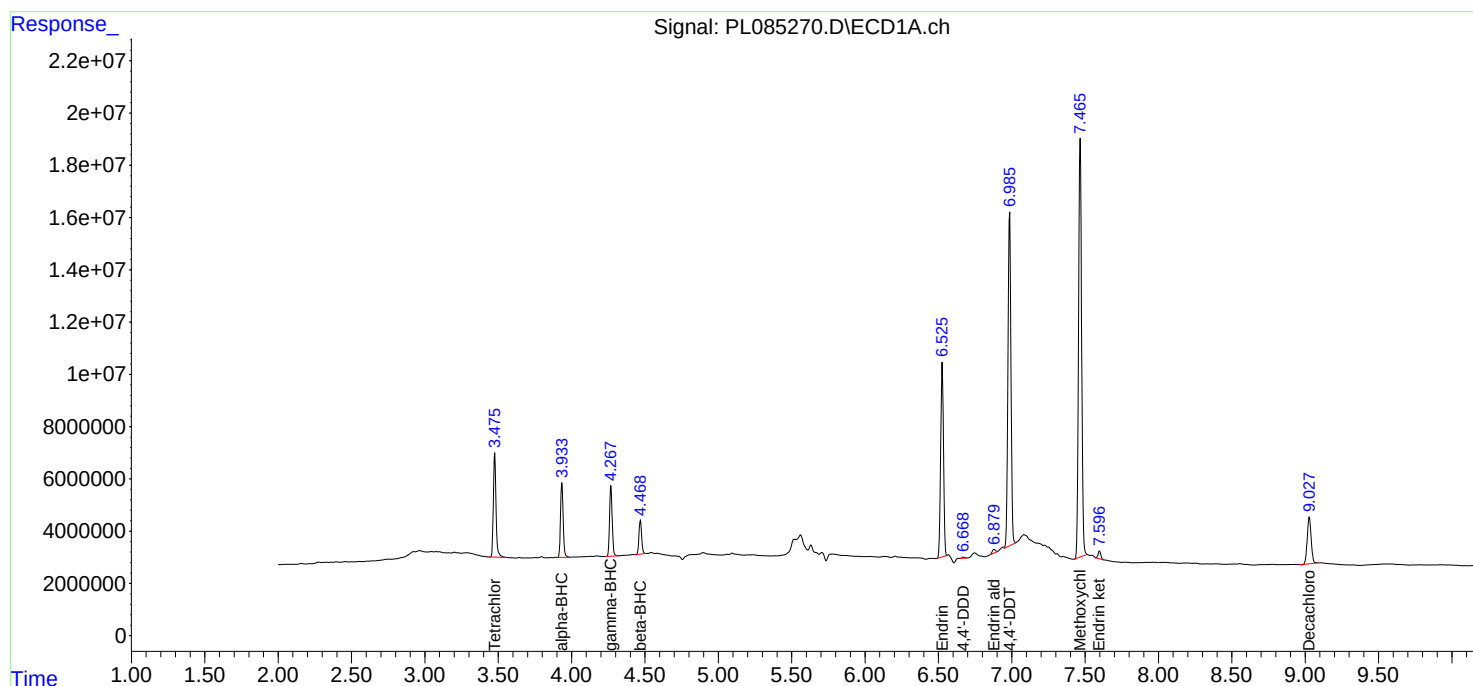
Instrument :
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PEM

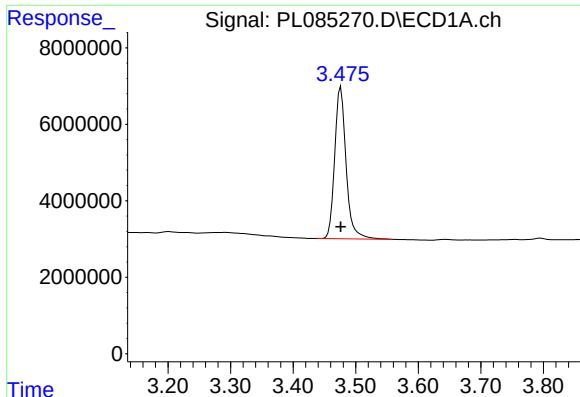
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
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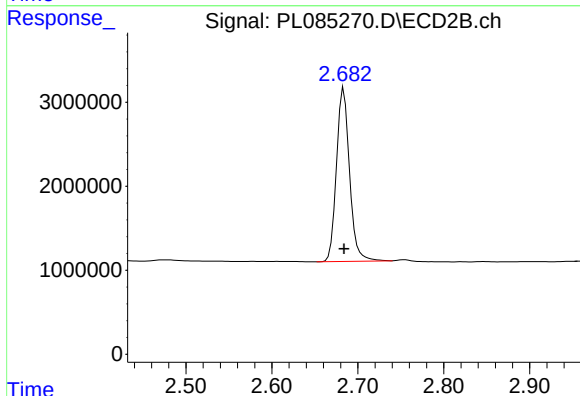
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 50353564
Conc: 20.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

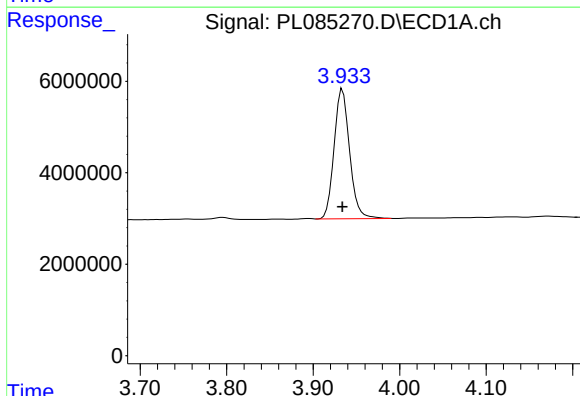
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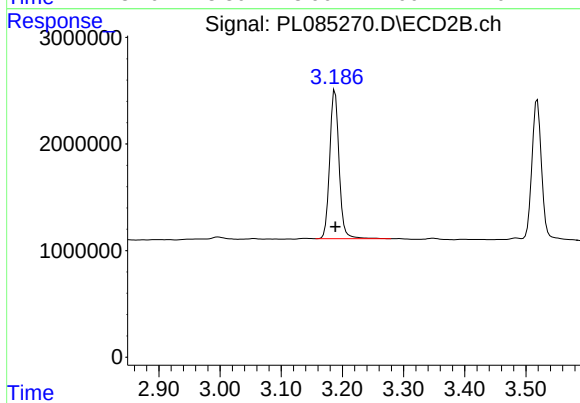
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 21728466
Conc: 19.12 ng/ml



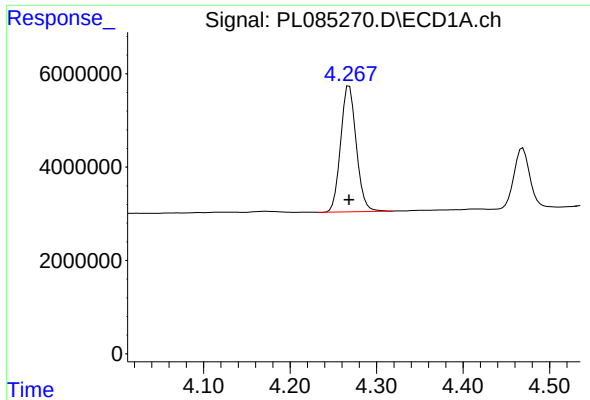
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 35175095
Conc: 10.21 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 14869606
Conc: 9.09 ng/ml



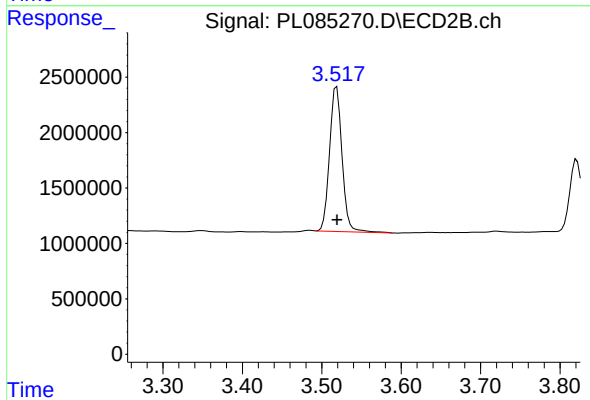
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 33601948
Conc: 10.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

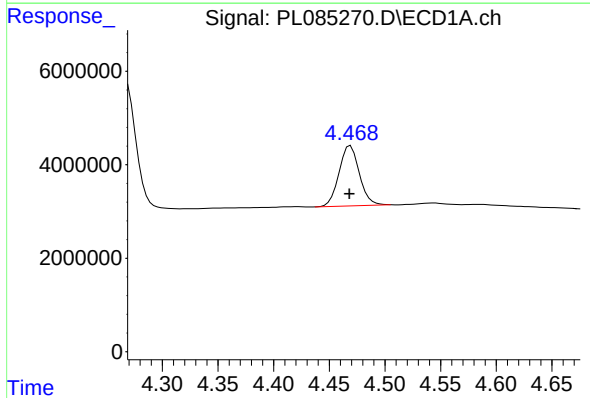
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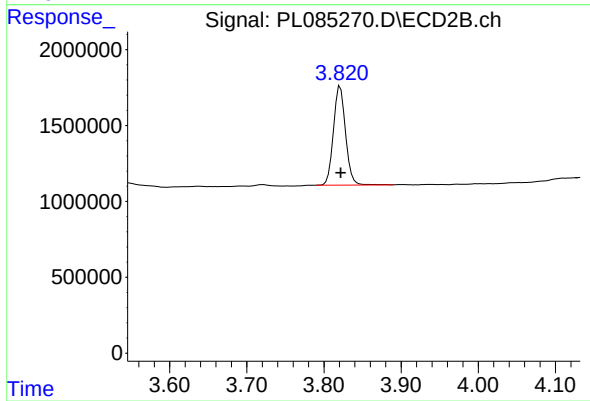
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 14240568
Conc: 8.92 ng/ml



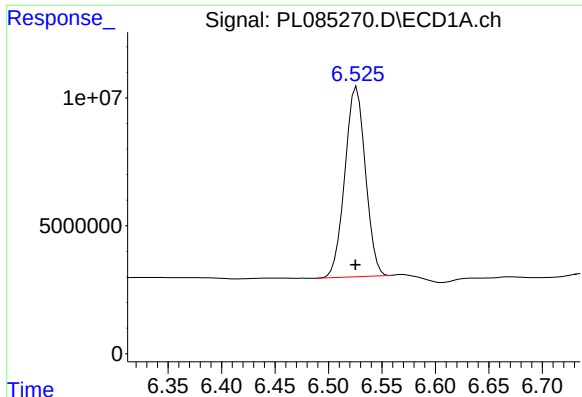
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.001 min
Response: 16414509
Conc: 11.61 ng/ml



#6 beta-BHC

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 7147891
Conc: 10.53 ng/ml



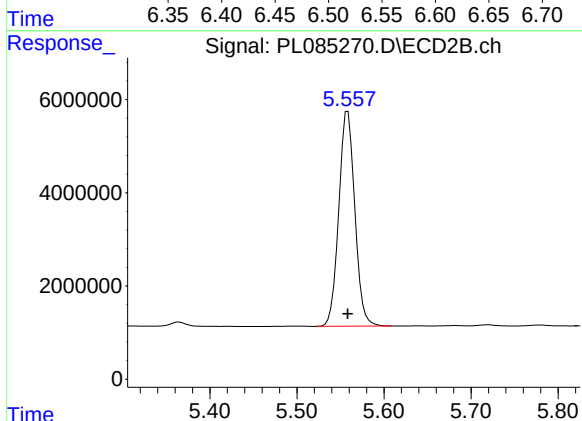
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 99412642
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

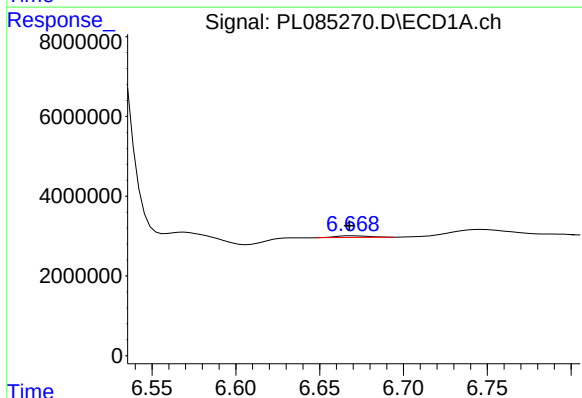
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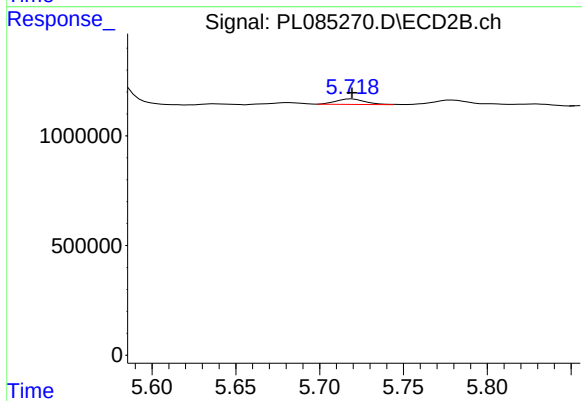
#14 Endrin

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 59051680
Conc: 46.20 ng/ml



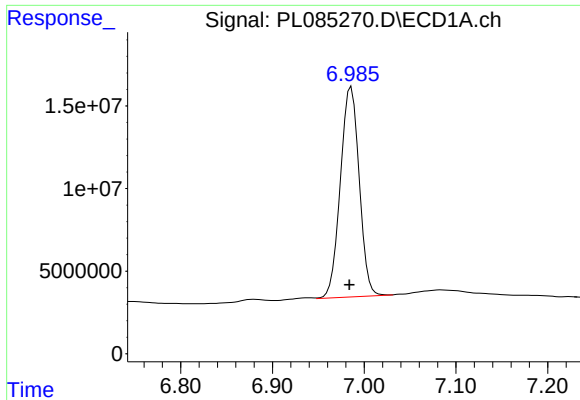
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 586876
Conc: 0.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 298572
Conc: 0.28 ng/ml m



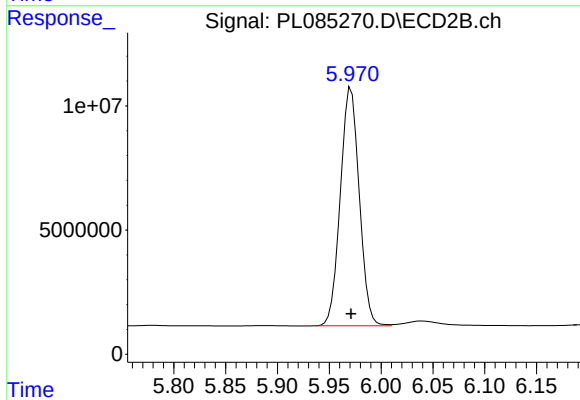
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 181611438
Conc: 107.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

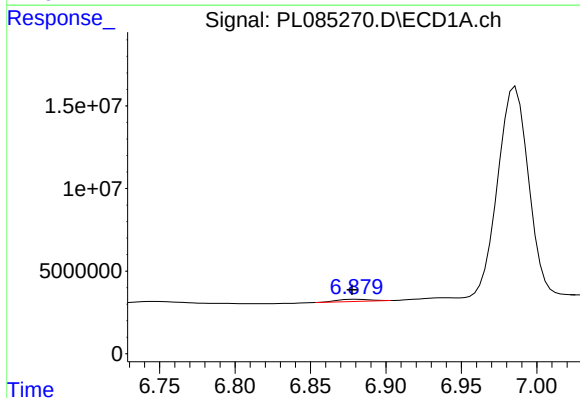
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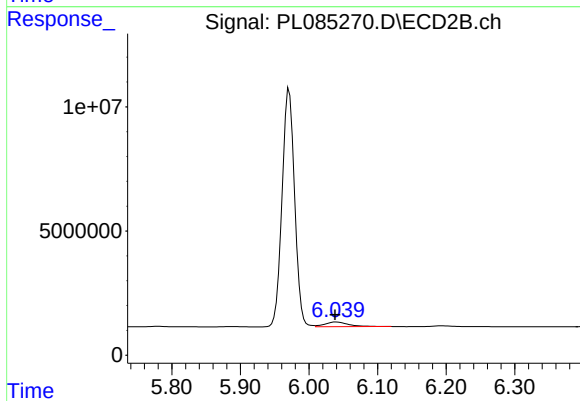
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 121887108
Conc: 104.55 ng/ml



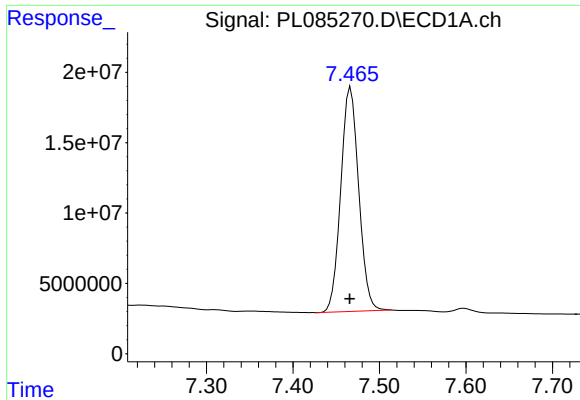
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.001 min
Response: 2102965
Conc: 1.37 ng/ml m



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: 0.002 min
Response: 4441804
Conc: 4.35 ng/ml



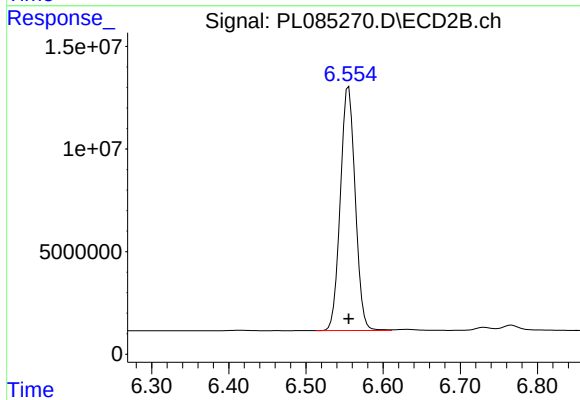
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 228454608
Conc: 251.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

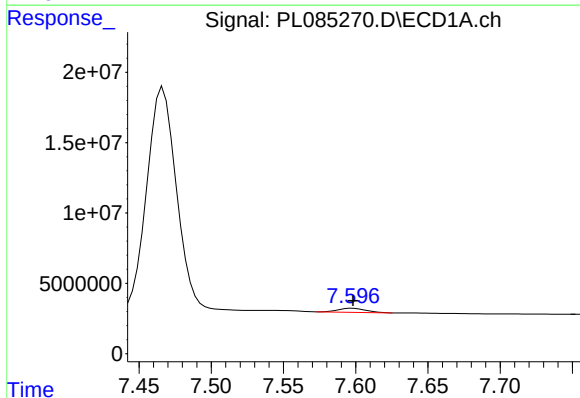
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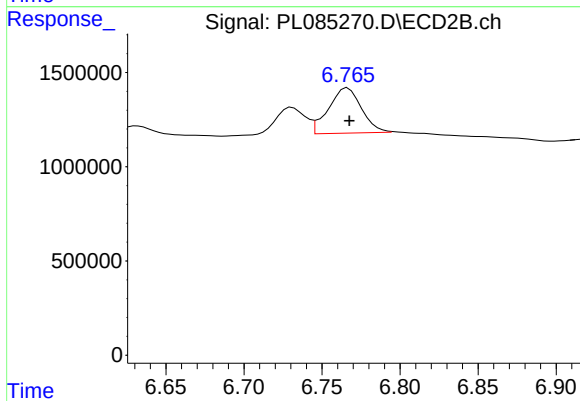
#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 159050586
Conc: 236.43 ng/ml



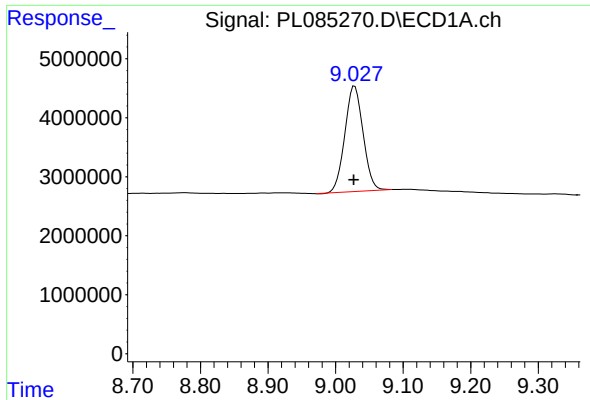
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.002 min
Response: 3851866
Conc: 1.97 ng/ml m



#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 3482003
Conc: 2.36 ng/ml m



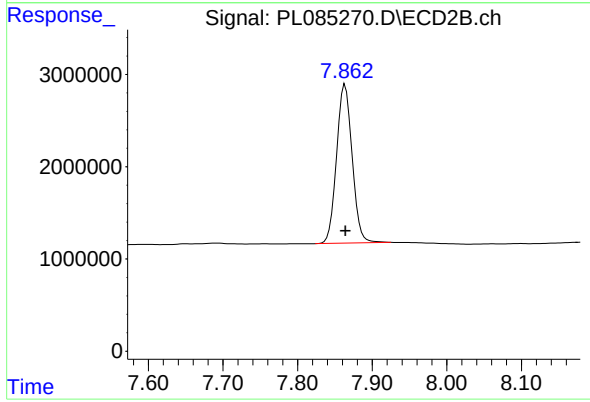
#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.001 min
Response: 33413248
Conc: 20.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 25008180
Conc: 18.79 ng/ml