

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091523\
 Data File : PL085326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Sep 2023 08:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2023
 Supervised By :Ankita Jodhani 09/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 22:16:36 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...	3.477	2.684	51443599	22174313	21.032	19.516
28)	SA Decachlor...	9.027	7.862	35614179	26384626	22.147	19.822
Target Compounds							
2)	A alpha-BHC	3.934	3.188	35434776	15187394	10.283	9.286
3)	MA gamma-BHC...	4.269	3.519	34088948	14517102	10.269	9.096
6)	B beta-BHC	4.469	3.822	16544978	7375812	11.706	10.870
12)	B 4,4'-DDE	6.148	5.161	615293	124185	0.296	0.100 #
14)	MA Endrin	6.525	5.558	99803864	61030592	48.316	47.747
16)	A 4,4'-DDD	6.667	5.717	2904245	1854664	1.886m	1.765
17)	MA 4,4'-DDT	6.984	5.970	182.3E6	122.1E6	108.227	104.737
18)	B Endrin al...	6.876	6.039	2526929	3564156	1.644m	3.489 #
20)	A Methoxychlor	7.466	6.554	233.5E6	158.0E6	256.956	234.911
21)	B Endrin ke...	7.597	6.763	4405401	3401615	2.249	2.306m

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

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Acq On : 14 Sep 2023 08:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

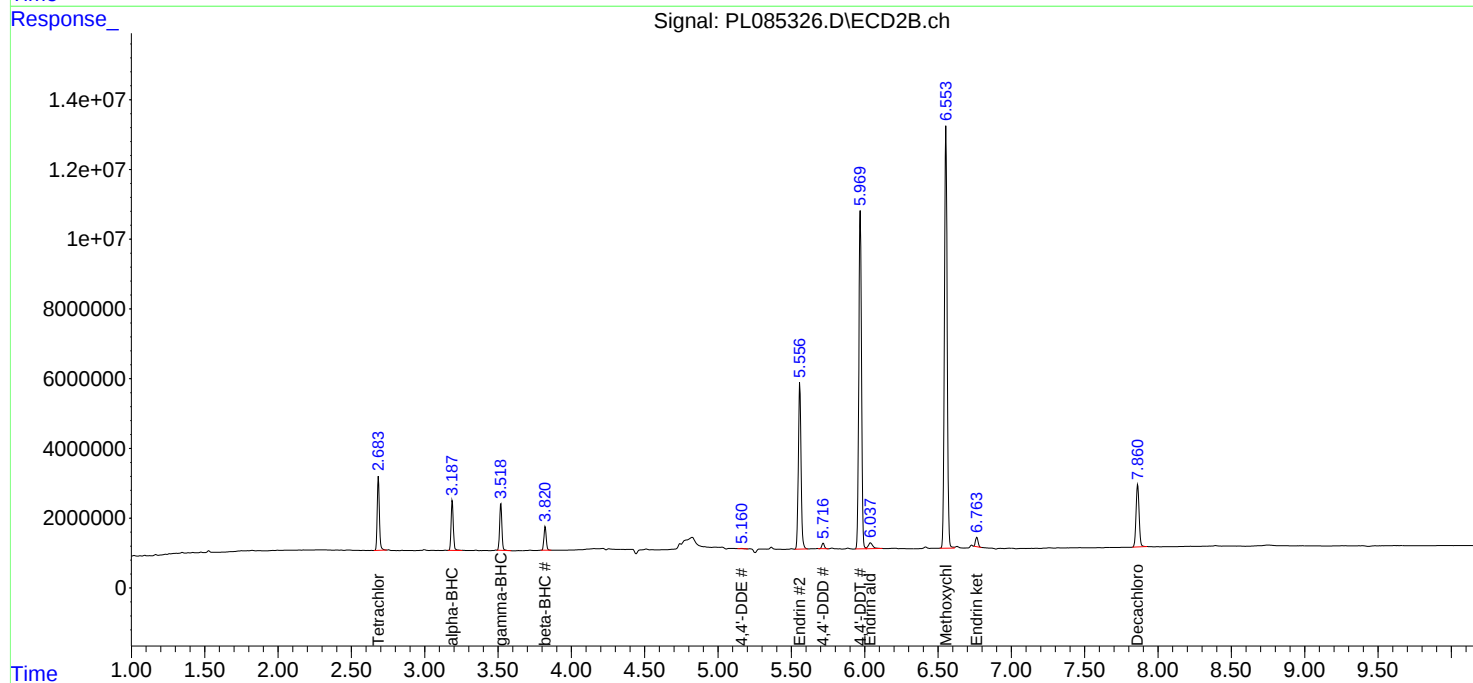
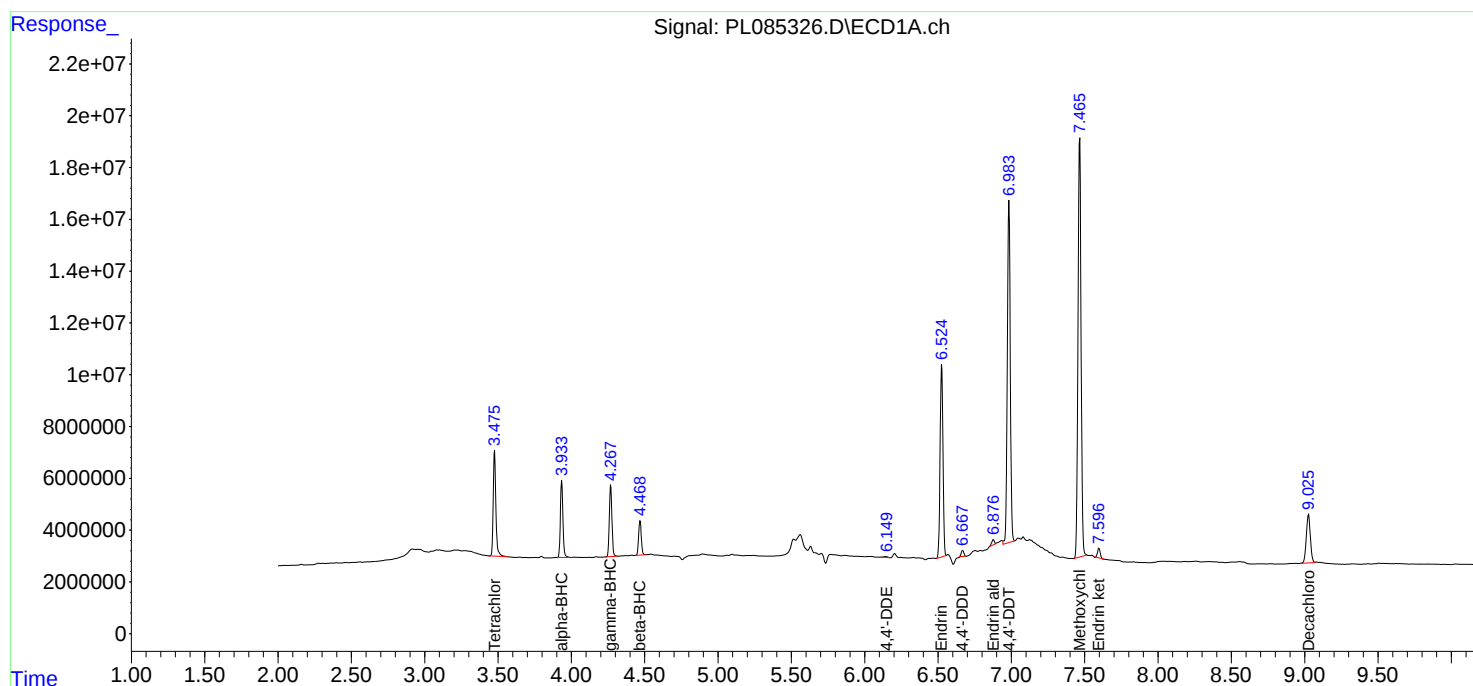
Instrument :
ECD_L
ClientSampleId :
PEM

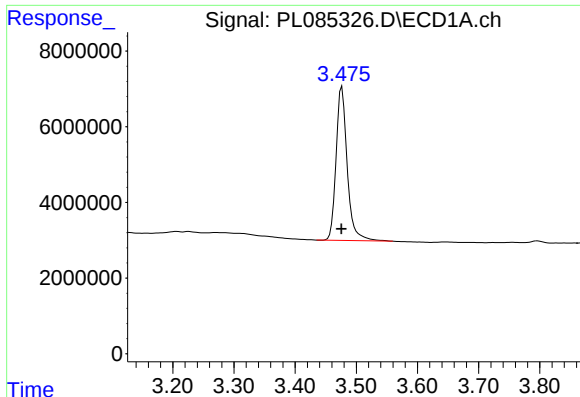
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
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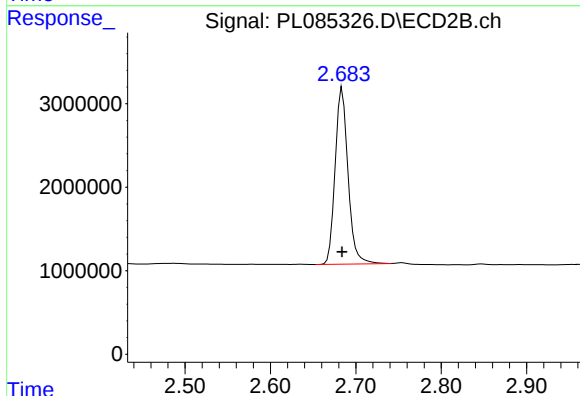
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 51443599
Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

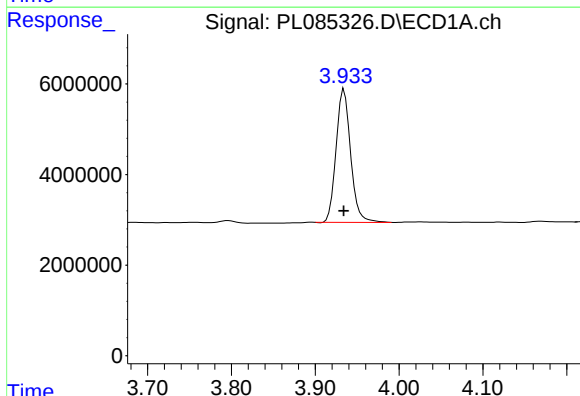
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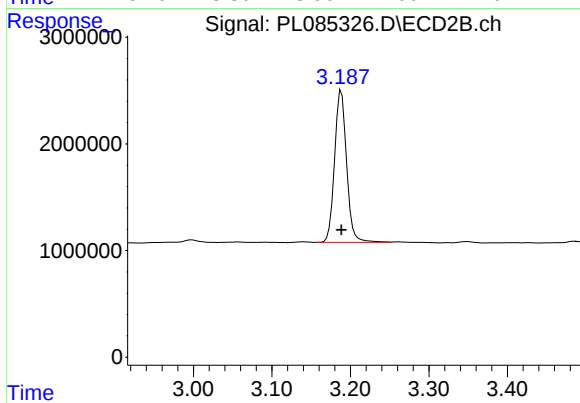
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 22174313
Conc: 19.52 ng/ml



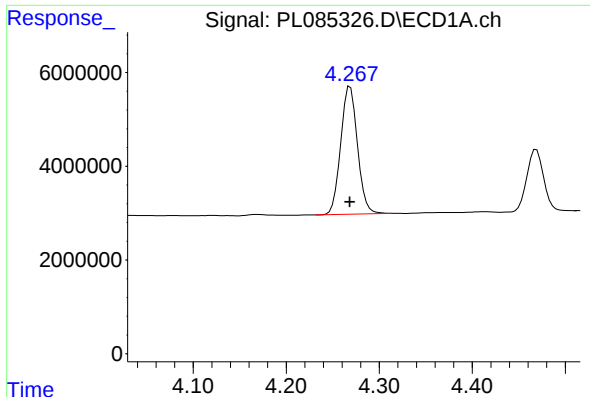
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 35434776
Conc: 10.28 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 15187394
Conc: 9.29 ng/ml



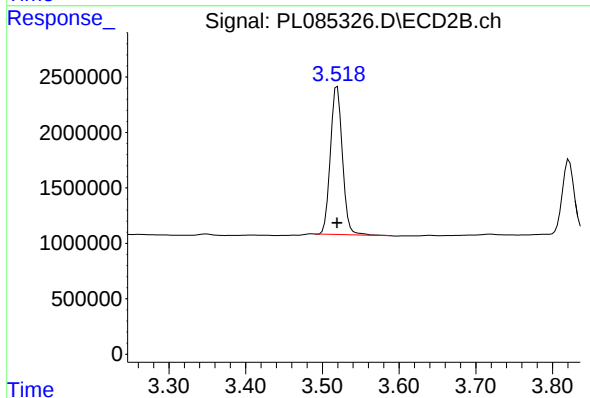
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 34088948
Conc: 10.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

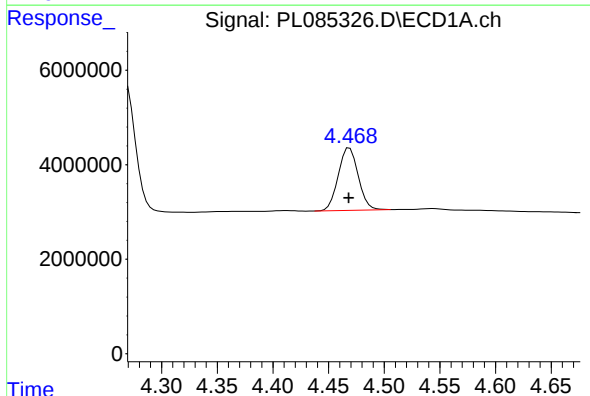
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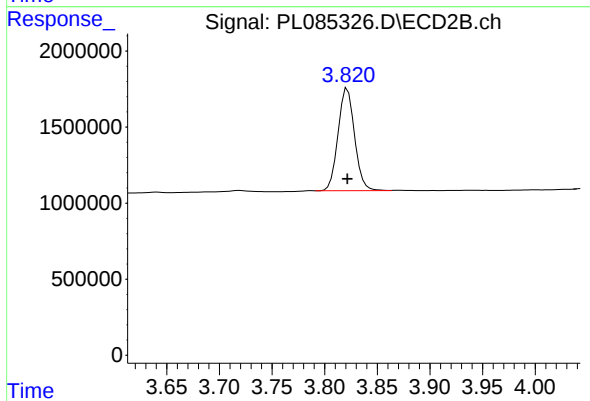
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 14517102
Conc: 9.10 ng/ml



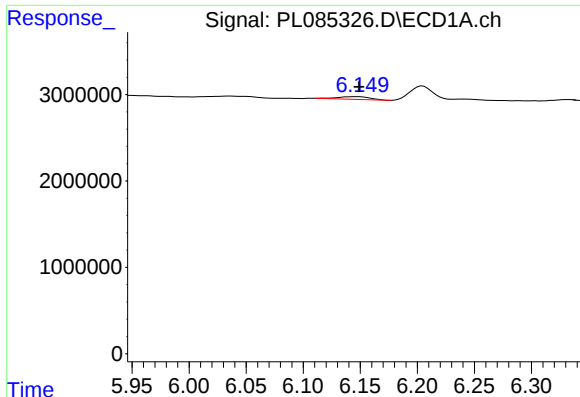
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 16544978
Conc: 11.71 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 7375812
Conc: 10.87 ng/ml



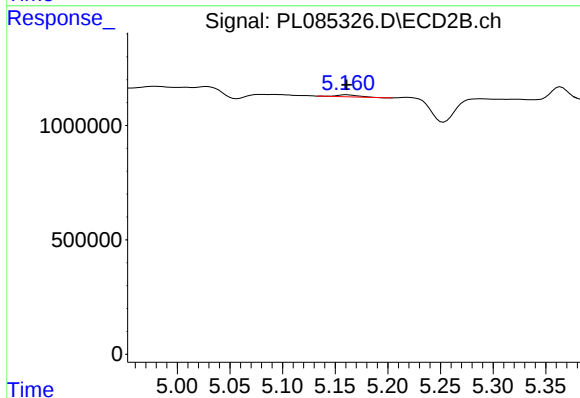
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 615293
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

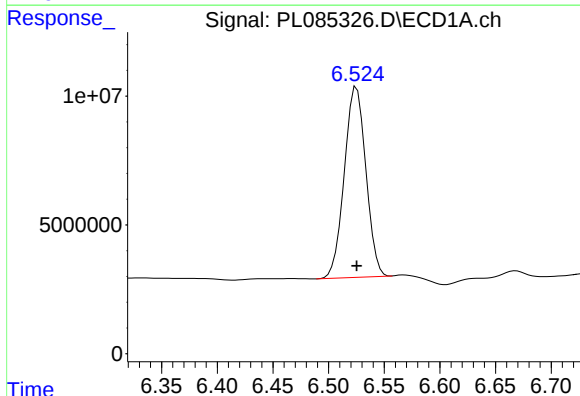
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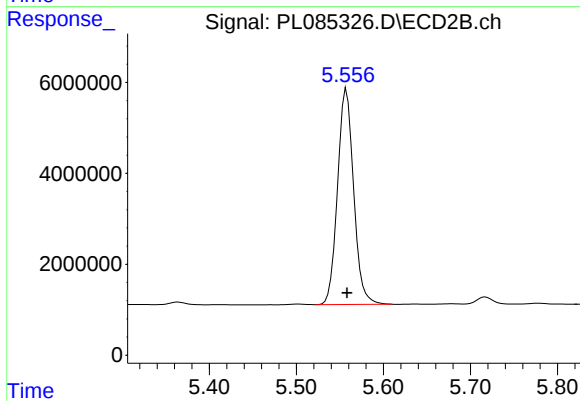
#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 124185
Conc: 0.10 ng/ml



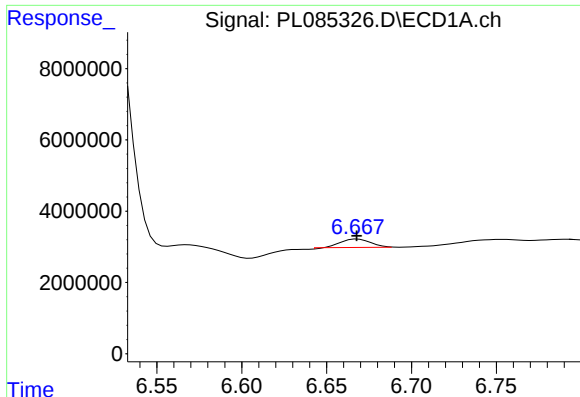
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 99803864
Conc: 48.32 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 61030592
Conc: 47.75 ng/ml



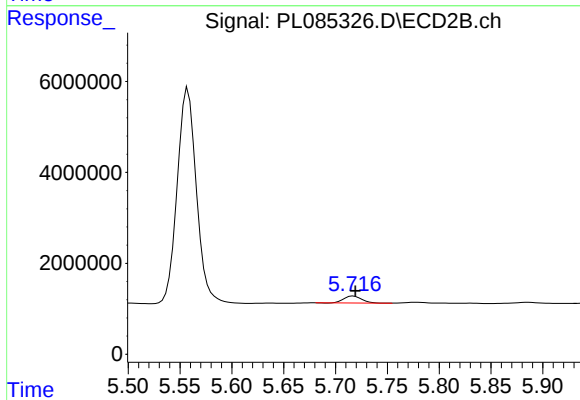
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 2904245
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

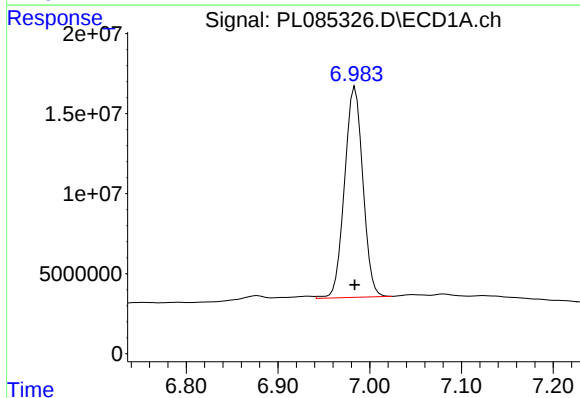
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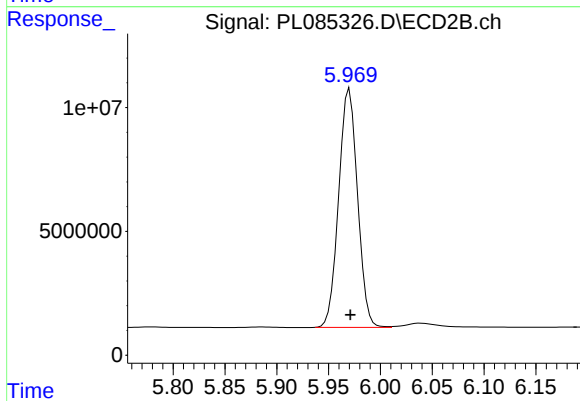
#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 1854664
Conc: 1.77 ng/ml



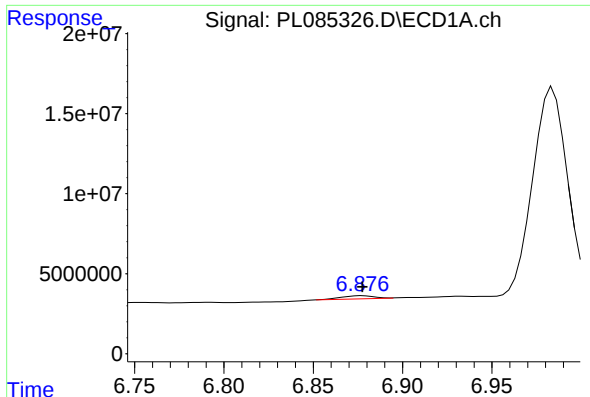
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 182318187
Conc: 108.23 ng/ml



#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.001 min
Response: 122107834
Conc: 104.74 ng/ml



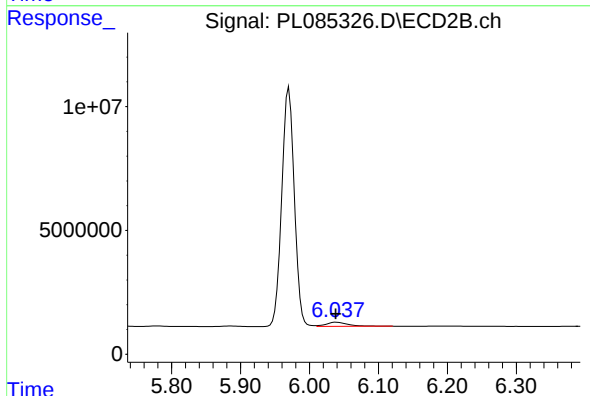
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 2526929
Conc: 1.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

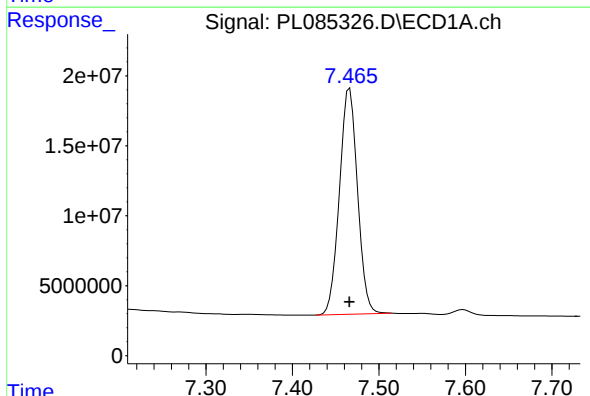
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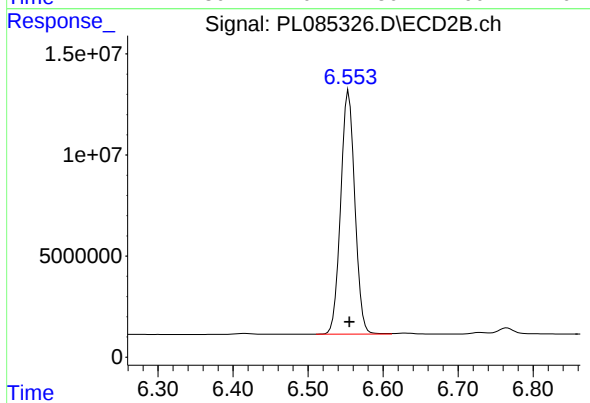
#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 3564156
Conc: 3.49 ng/ml



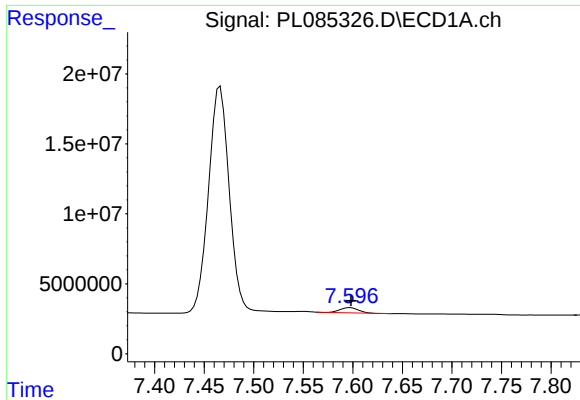
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 233471537
Conc: 256.96 ng/ml



#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: -0.001 min
Response: 158028687
Conc: 234.91 ng/ml



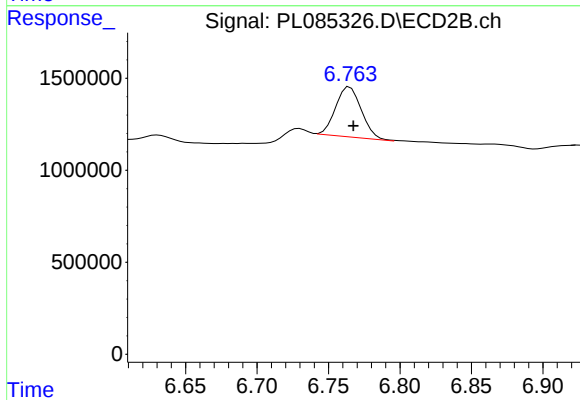
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 4405401
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

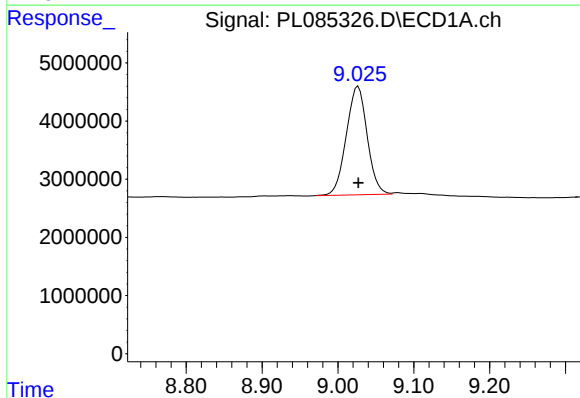
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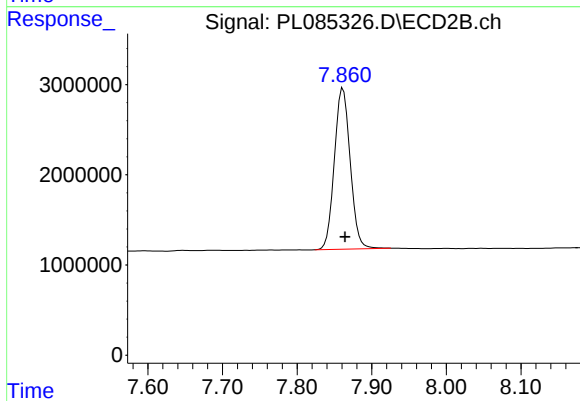
#21 Endrin ketone

R.T.: 6.763 min
Delta R.T.: -0.004 min
Response: 3401615
Conc: 2.31 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 35614179
Conc: 22.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.003 min
Response: 26384626
Conc: 19.82 ng/ml