

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090523\
 Data File : PL085100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2023 10:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/06/2023
 Supervised By : Ankita Jodhani 09/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 15:48:05 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	44028479	20732448	18.001	18.247
28)	SA Decachlor...	9.028	7.864	29898740	24337406	18.593	18.284
Target Compounds							
2)	A alpha-BHC	3.934	3.189	30717546	14218400	8.914	8.694
3)	MA gamma-BHC...	4.268	3.520	29532117	13411340	8.896	8.403
6)	B beta-BHC	4.468	3.822	14107895	6772759	9.982	9.981
12)	B 4,4'-DDE	6.148	5.162	431876	157353	0.208m	0.126m#
14)	MA Endrin	6.526	5.559	87760774	56997583	42.486	44.591
16)	A 4,4'-DDD	6.668	5.719	919009	432857	0.597	0.412 #
17)	MA 4,4'-DDT	6.985	5.972	156.8E6	116.4E6	93.053	99.802
18)	B Endrin al...	6.879	6.039	1880529	1921933	1.223	1.882m#
20)	A Methoxychlor	7.466	6.556	195.4E6	151.1E6	215.011	224.586
21)	B Endrin ke...	7.597	6.768	2889139	2928674	1.475	1.986 #

(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

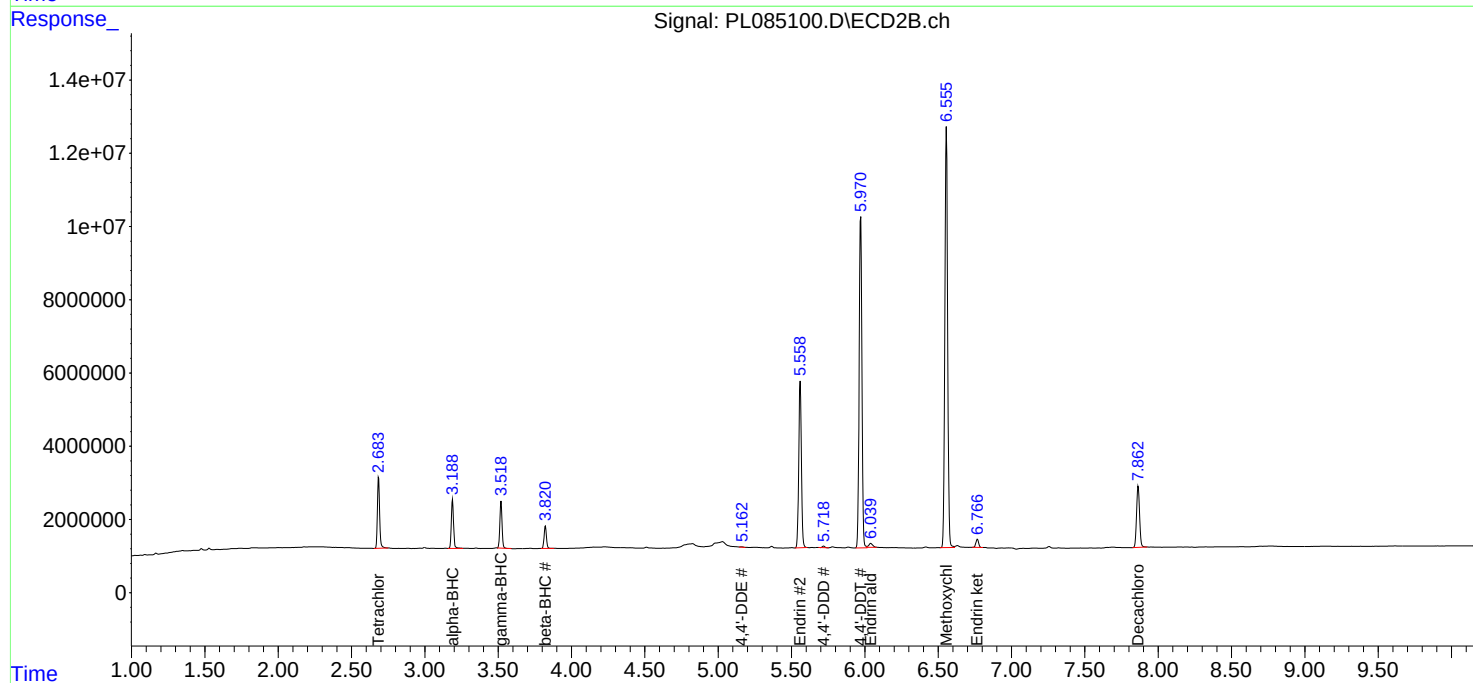
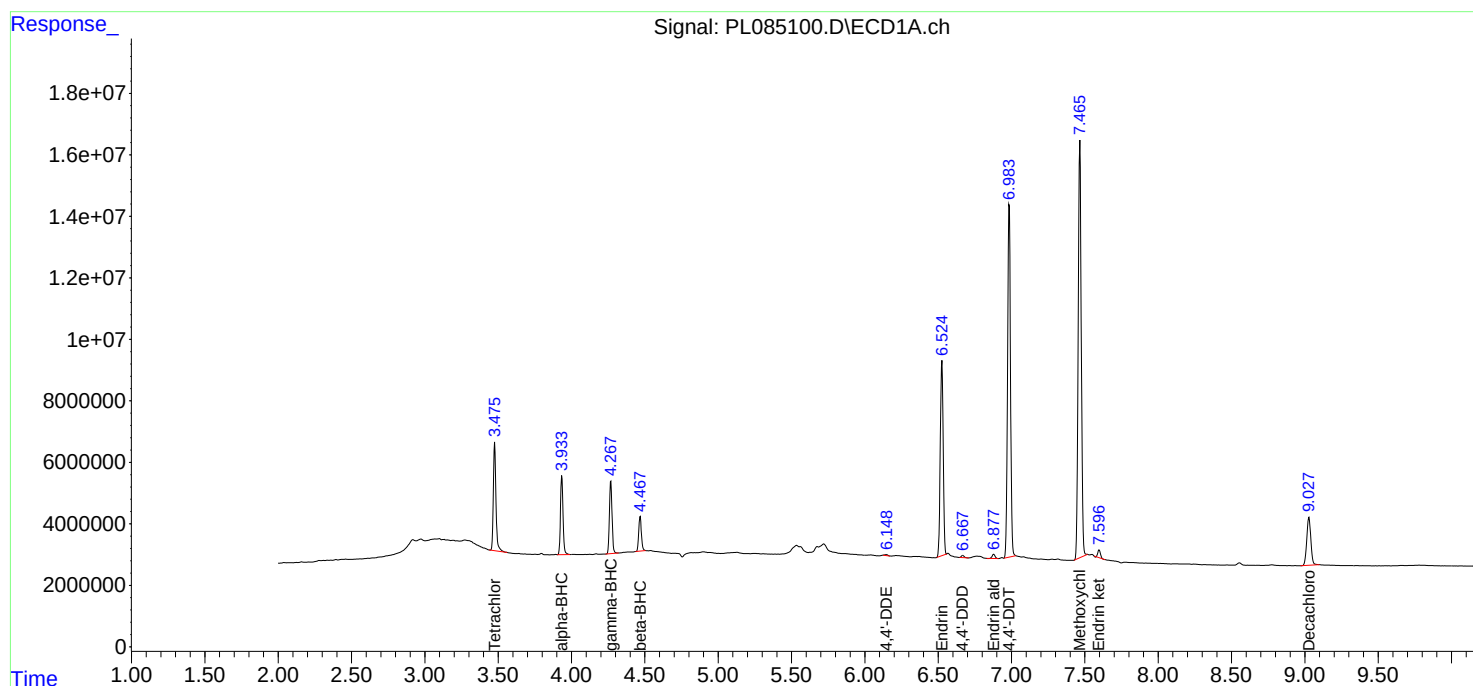
Instrument :
ECD_L
ClientSampleId :
PEM

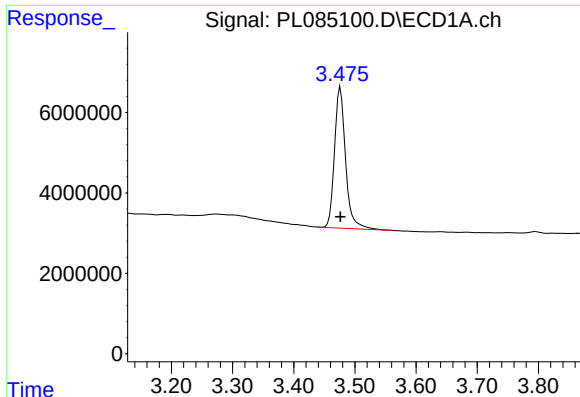
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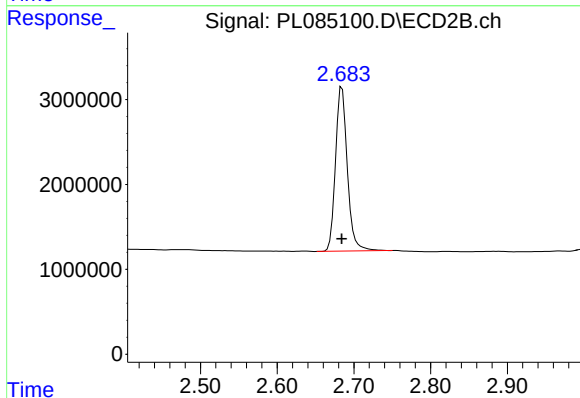
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 44028479
Conc: 18.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

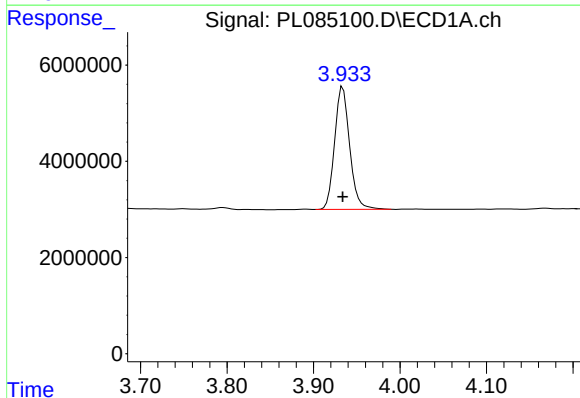
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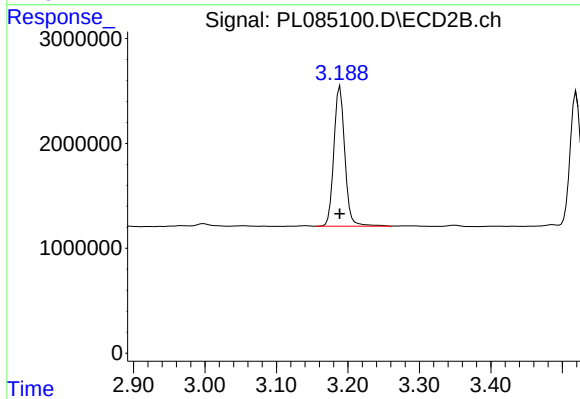
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 20732448
Conc: 18.25 ng/ml



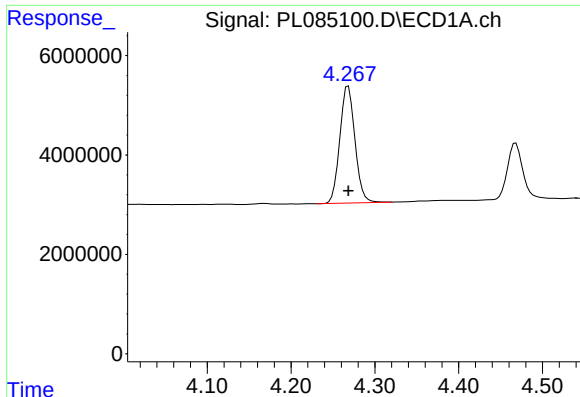
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 30717546
Conc: 8.91 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: 0.000 min
Response: 14218400
Conc: 8.69 ng/ml



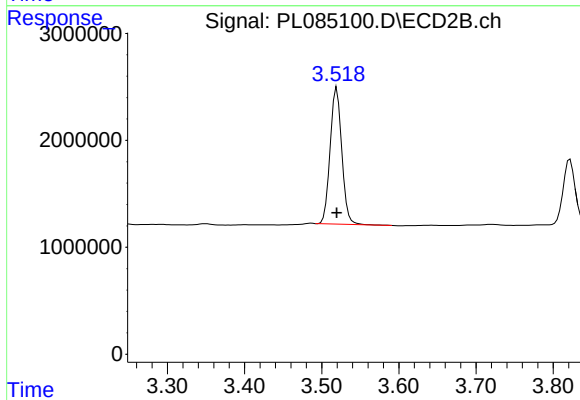
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 29532117
Conc: 8.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

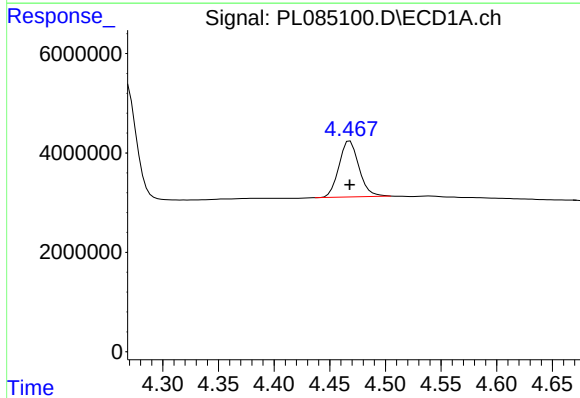
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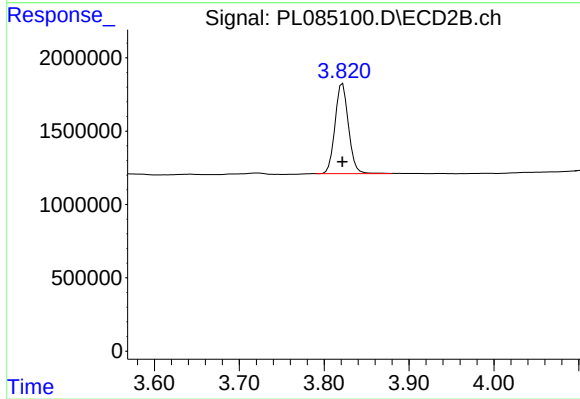
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 13411340
Conc: 8.40 ng/ml



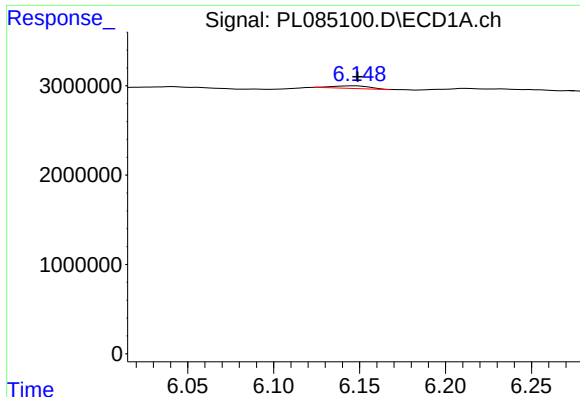
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 14107895
Conc: 9.98 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 6772759
Conc: 9.98 ng/ml



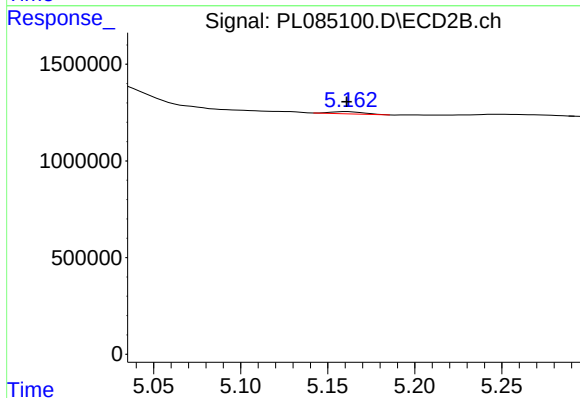
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 431876
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

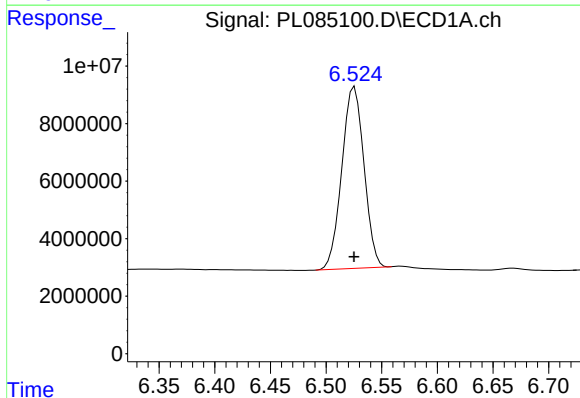
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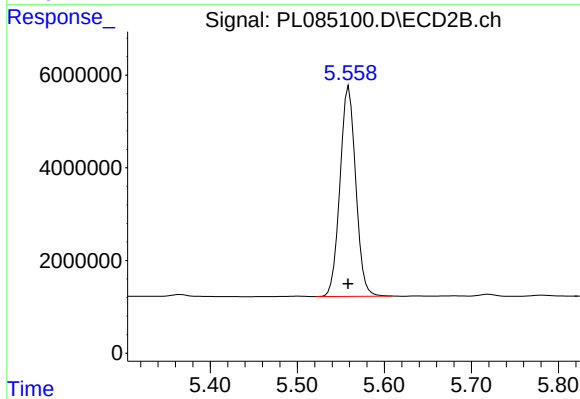
#12 4,4'-DDE

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 157353
Conc: 0.13 ng/ml m



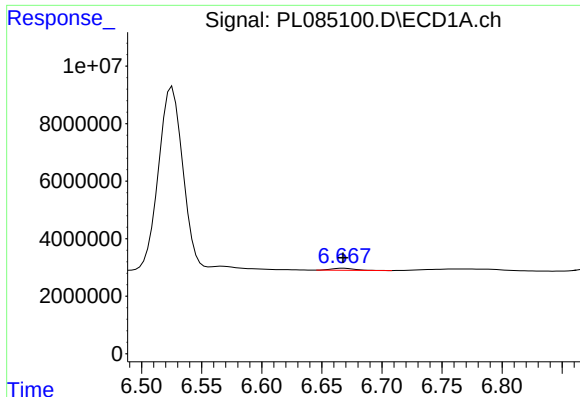
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 87760774
Conc: 42.49 ng/ml



#14 Endrin

R.T.: 5.559 min
Delta R.T.: 0.001 min
Response: 56997583
Conc: 44.59 ng/ml



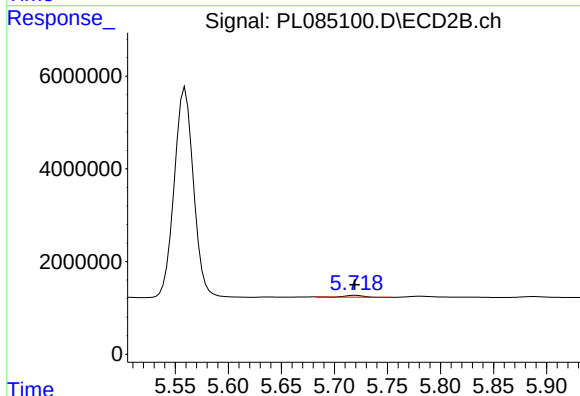
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 919009
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

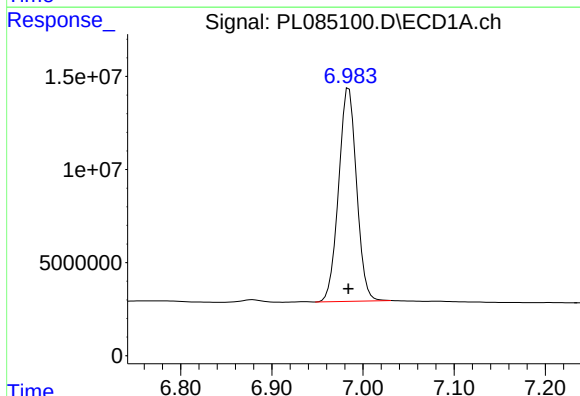
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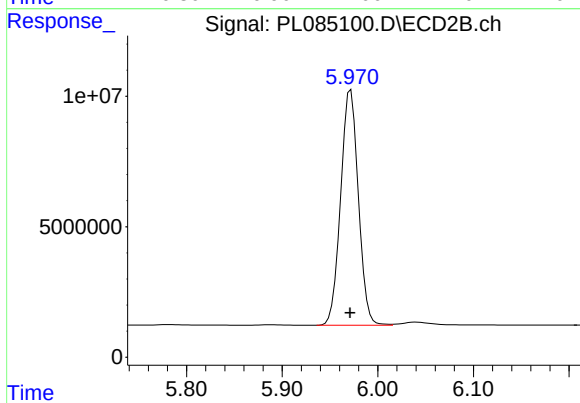
#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 432857
Conc: 0.41 ng/ml



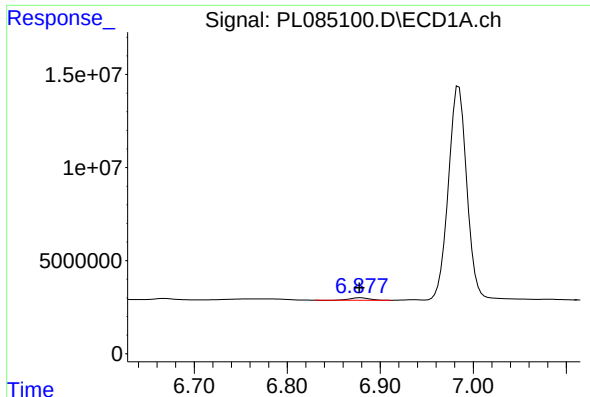
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 156756380
Conc: 93.05 ng/ml



#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 116353464
Conc: 99.80 ng/ml



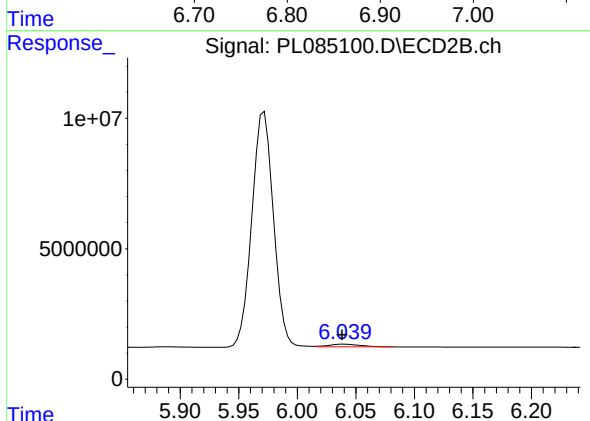
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.001 min
Response: 1880529
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

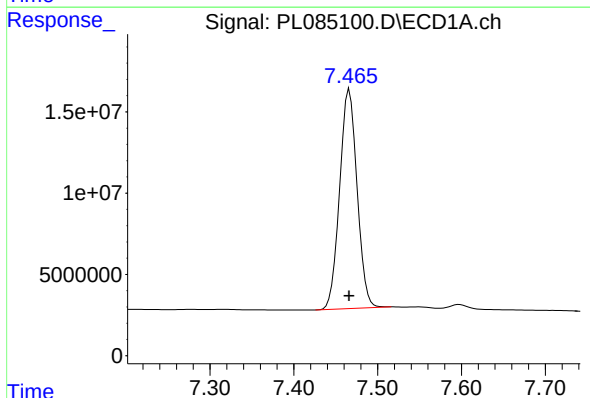
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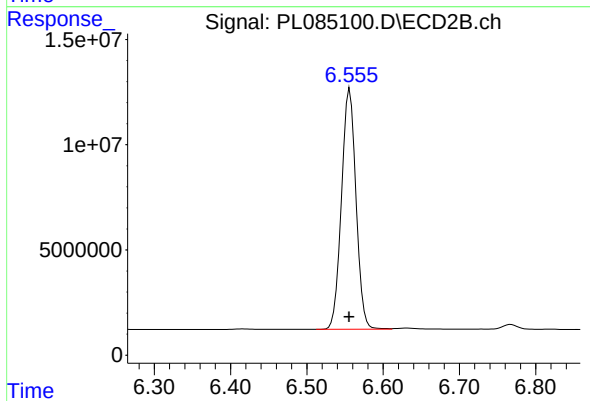
#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 1921933
Conc: 1.88 ng/ml m



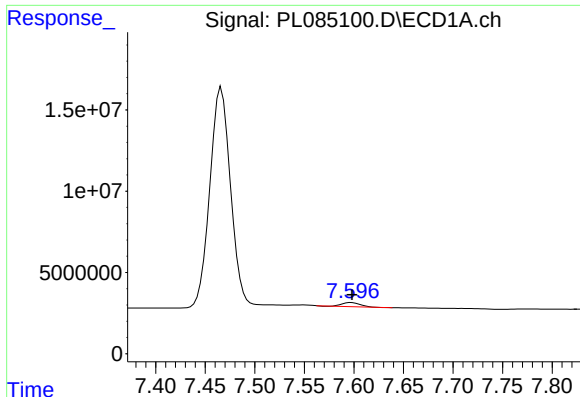
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 195359524
Conc: 215.01 ng/ml



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: 0.001 min
Response: 151083055
Conc: 224.59 ng/ml



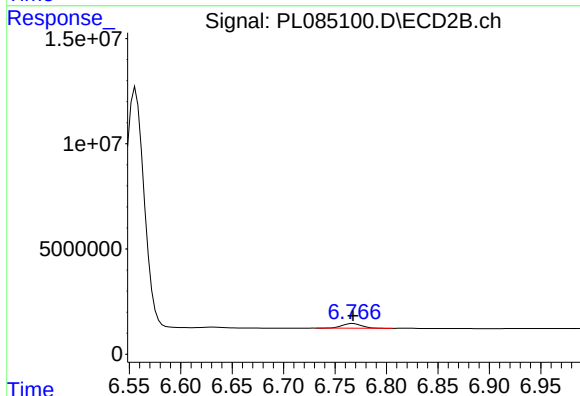
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 2889139
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

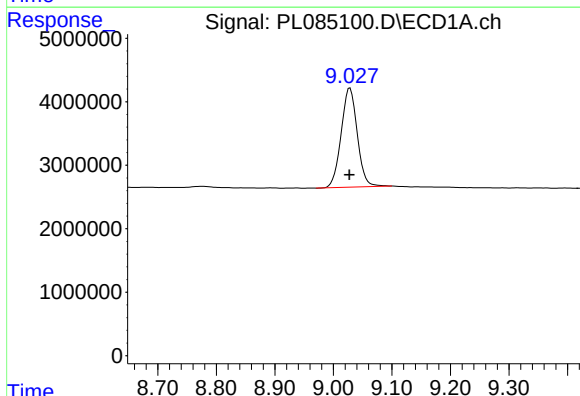
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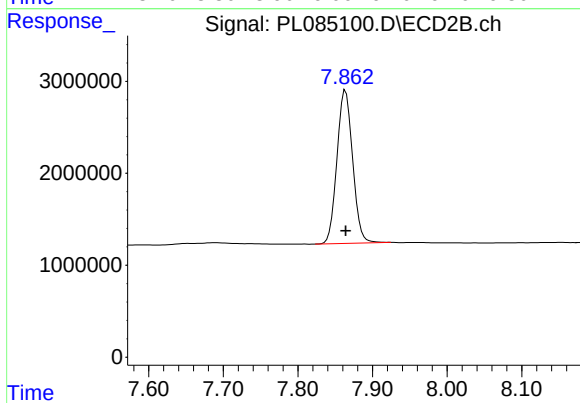
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 2928674
Conc: 1.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.001 min
Response: 29898740
Conc: 18.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 24337406
Conc: 18.28 ng/ml