

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072623\
 Data File : PL084266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2023 02:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/27/2023
 Supervised By : Ankita Jodhani 07/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 03:25:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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	2.688	44849927	22285357	22.426	20.066
28)	SA Decachlor...	9.024	7.869	32844987	26275985	25.233	23.648
Target Compounds							
2)	A alpha-BHC	3.934	3.193	30625857	15044710	10.453	9.357
3)	MA gamma-BHC...	4.268	3.523	29233554	14221719	10.347	9.352
6)	B beta-BHC	4.467	3.826	14676375	7440942	12.232	11.273
12)	B 4,4'-DDE	6.147	5.166	654118	236734	0.325	0.193 #
14)	MA Endrin	6.524	5.564	92288686	61423502	48.460	55.878
16)	A 4,4'-DDD	6.666	5.724	5685891	3043902	3.872	3.173
17)	MA 4,4'-DDT	6.982	5.976	165.4E6	122.3E6	103.694	134.232 #
18)	B Endrin al...	6.876	6.043	2924972	1951266	1.996	2.171
20)	A Methoxychlor	7.462	6.561	203.3E6	155.9E6	259.925m	325.368 #
21)	B Endrin ke...	7.594	6.770	5322683	3993922	3.037m	3.091m

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

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Acq On : 27 Jul 2023 02:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

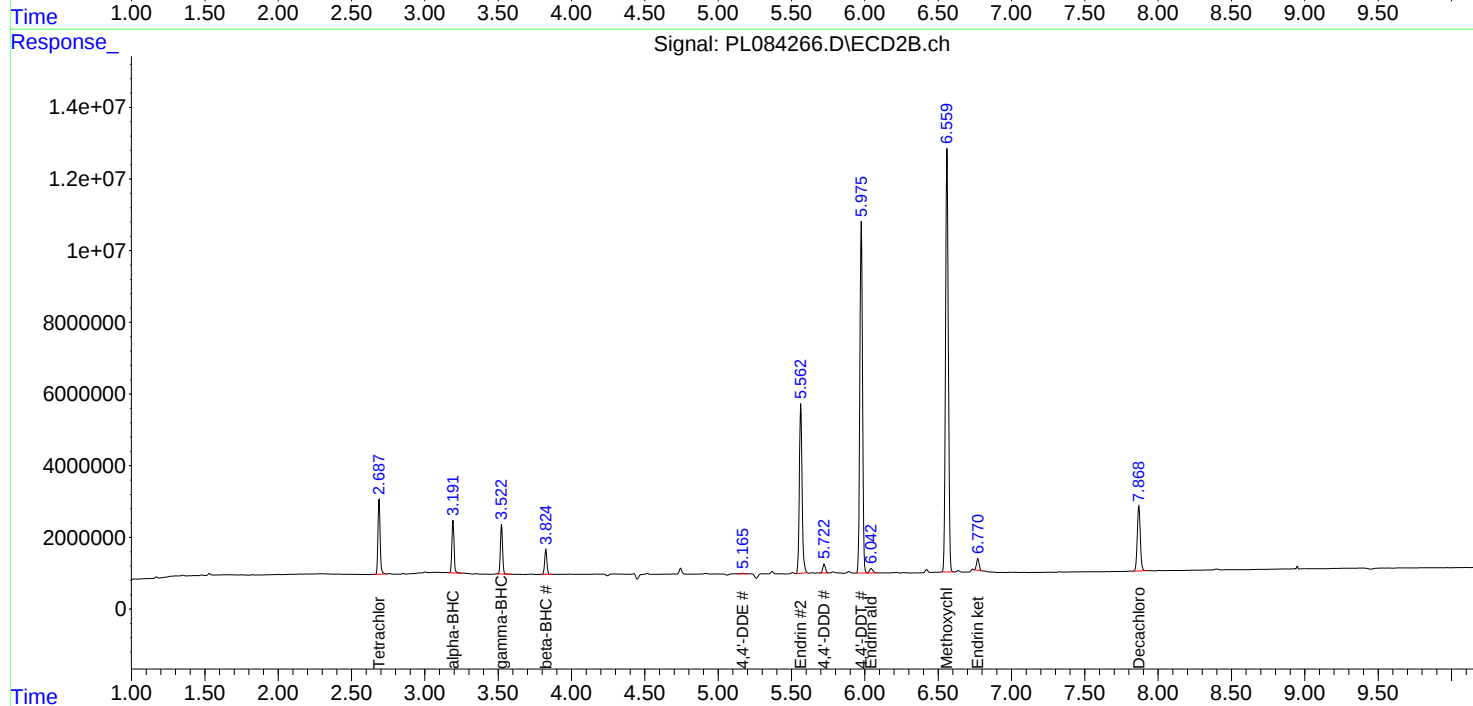
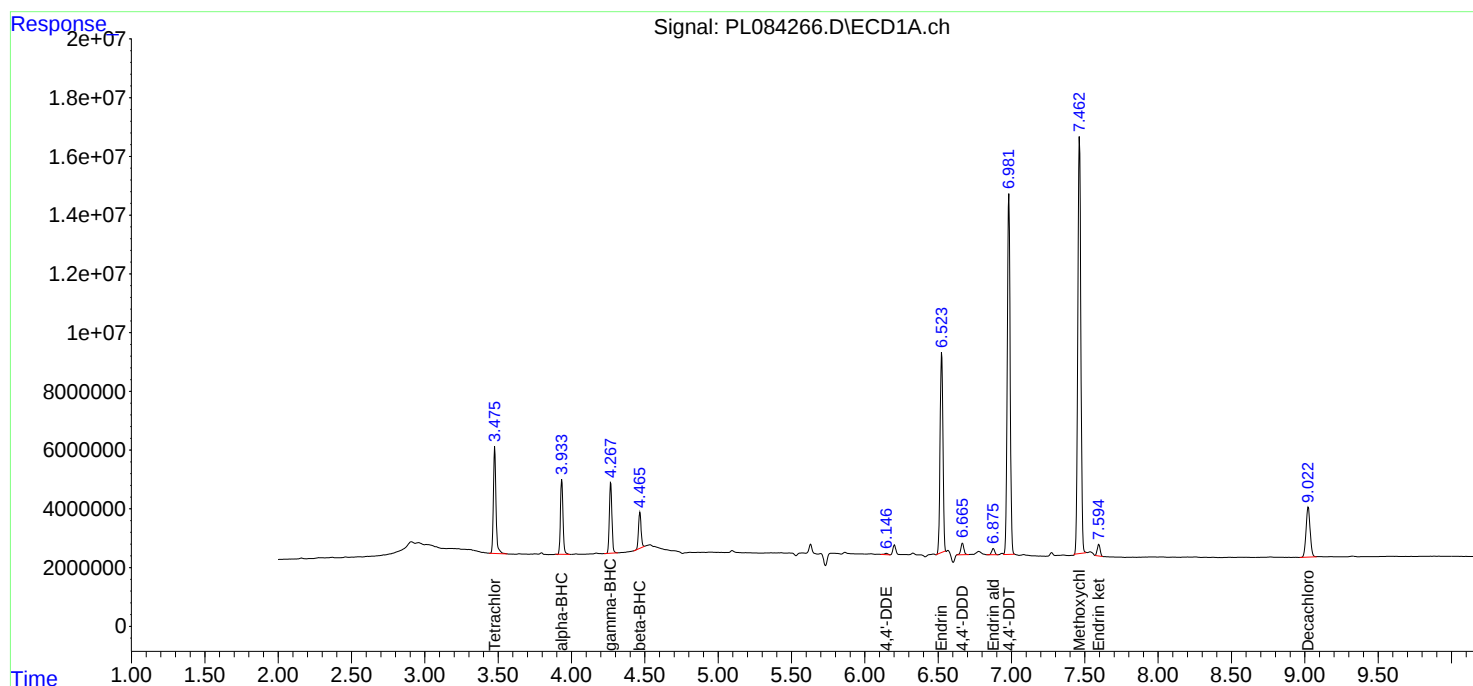
Instrument :
ECD_L
ClientSampleId :
PEM

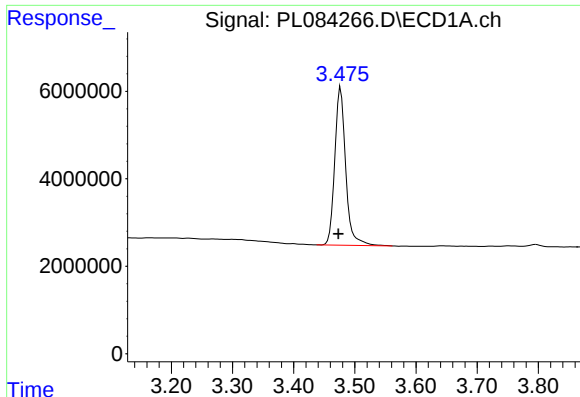
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 03:25:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
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Volume 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





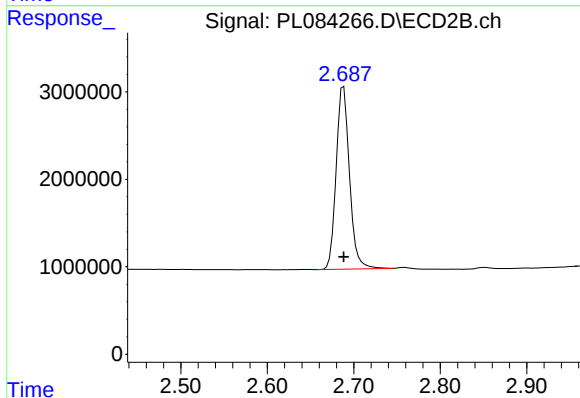
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.004 min
Response: 44849927
Conc: 22.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

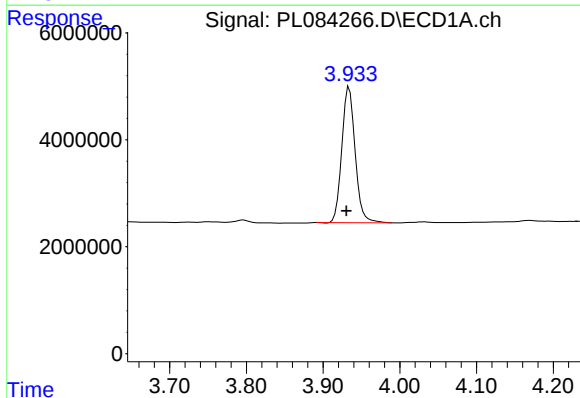
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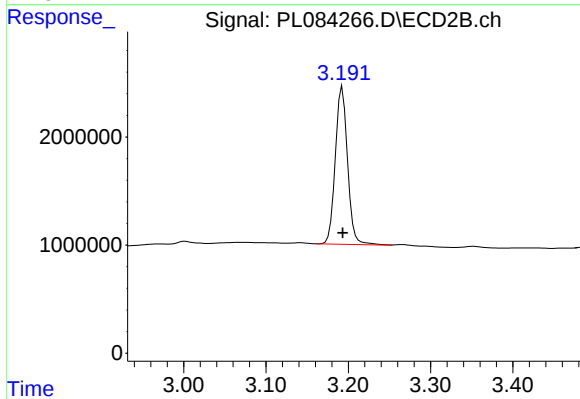
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 22285357
Conc: 20.07 ng/ml



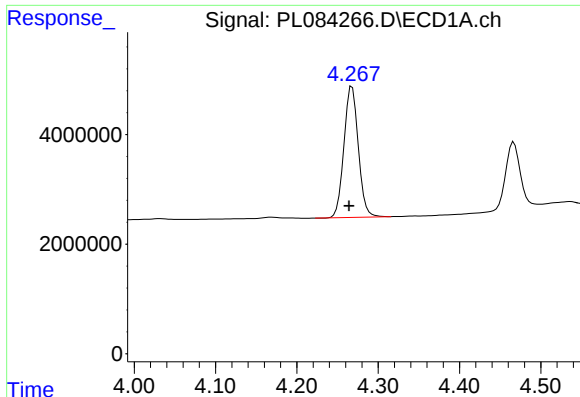
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.003 min
Response: 30625857
Conc: 10.45 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 15044710
Conc: 9.36 ng/ml



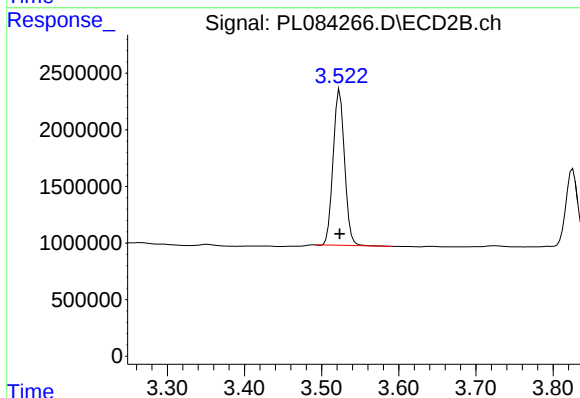
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 29233554
Conc: 10.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

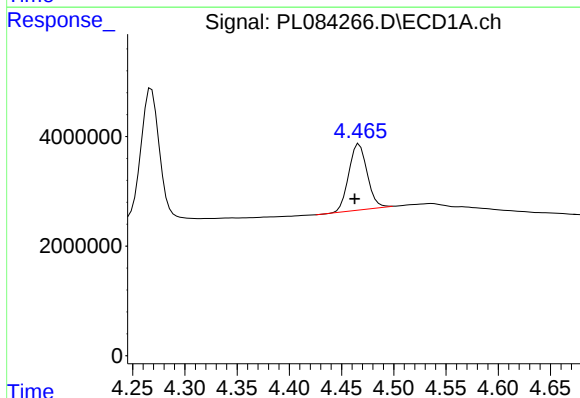
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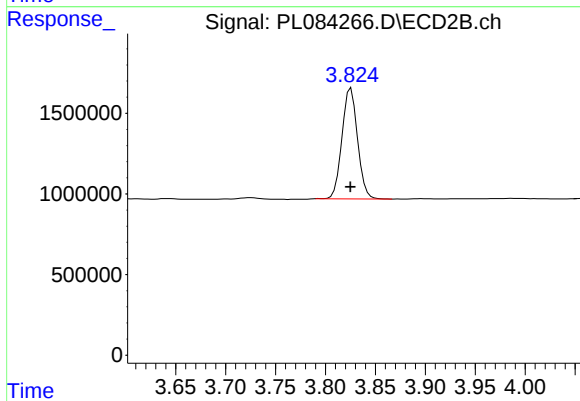
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 14221719
Conc: 9.35 ng/ml



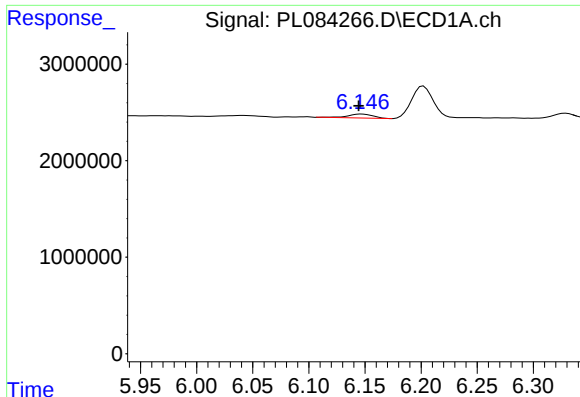
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 14676375
Conc: 12.23 ng/ml



#6 beta-BHC

R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 7440942
Conc: 11.27 ng/ml



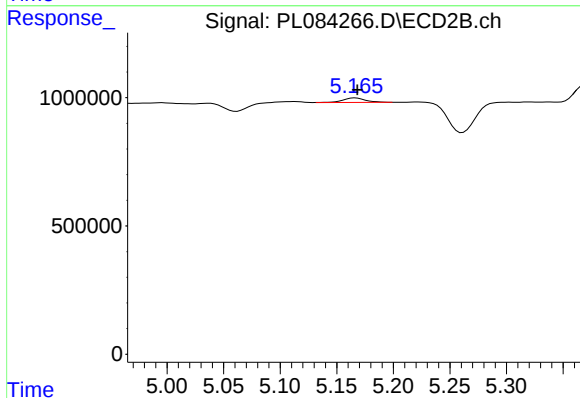
#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: 0.002 min
Response: 654118
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

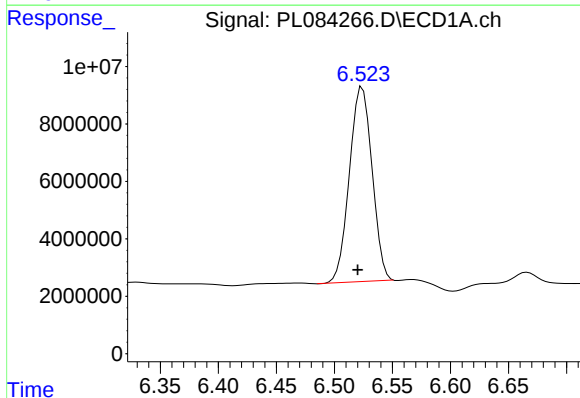
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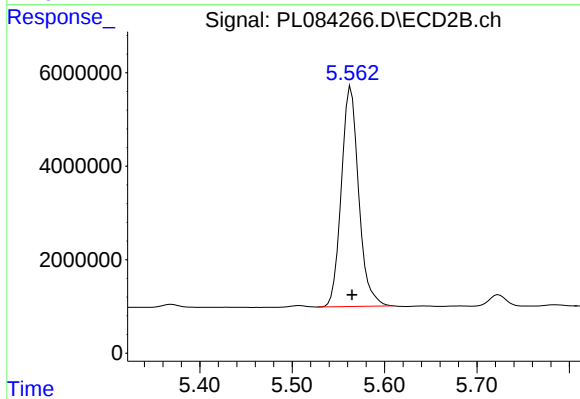
#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 236734
Conc: 0.19 ng/ml



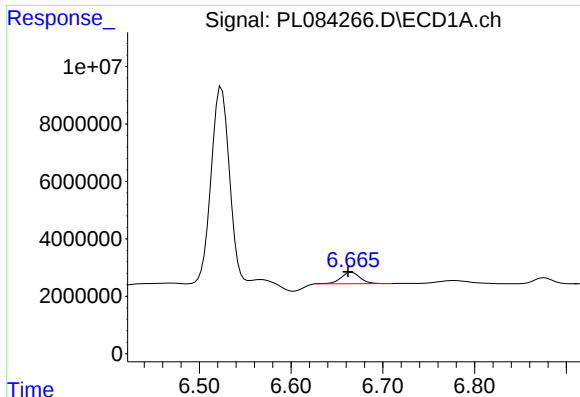
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.004 min
Response: 92288686
Conc: 48.46 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 61423502
Conc: 55.88 ng/ml



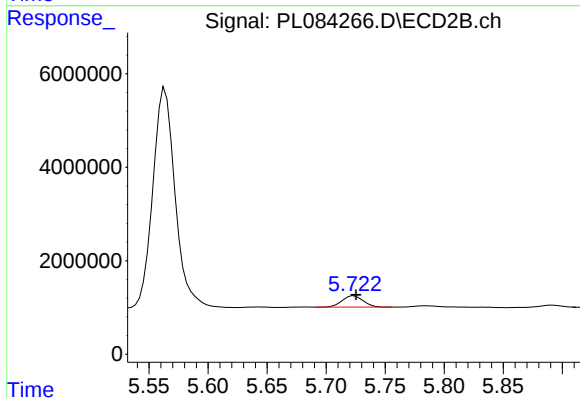
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.004 min
Response: 5685891
Conc: 3.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

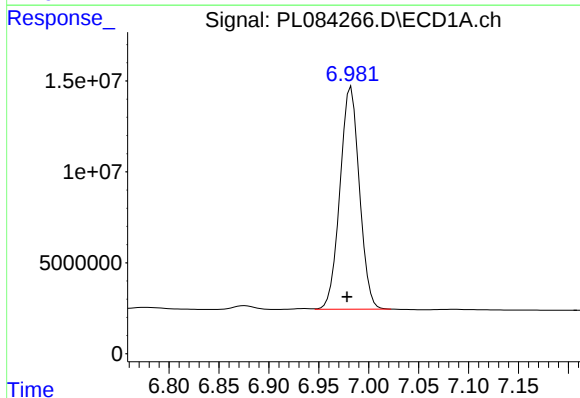
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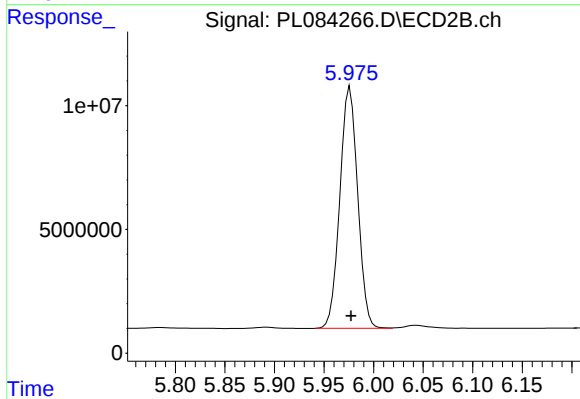
#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 3043902
Conc: 3.17 ng/ml



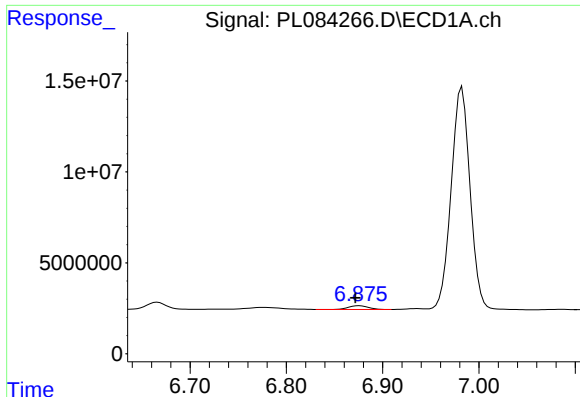
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.004 min
Response: 165371158
Conc: 103.69 ng/ml



#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 122258079
Conc: 134.23 ng/ml



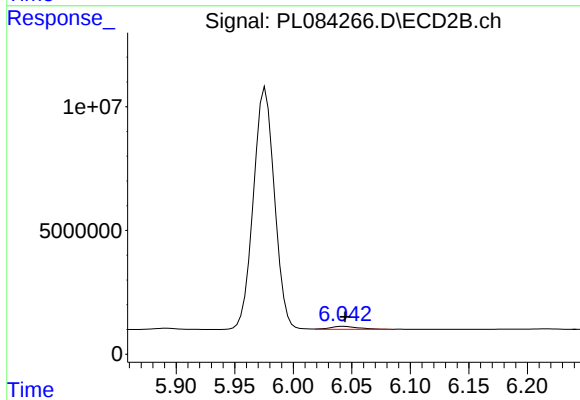
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.004 min
Response: 2924972
Conc: 2.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

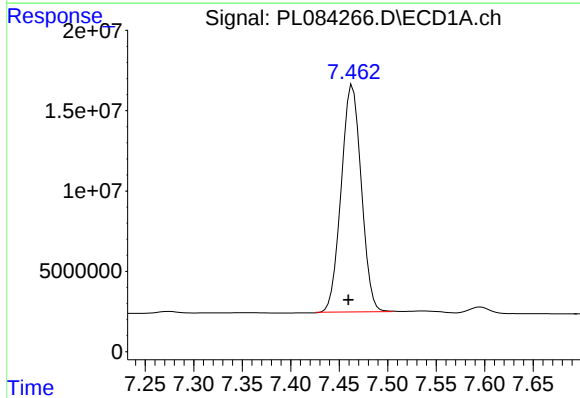
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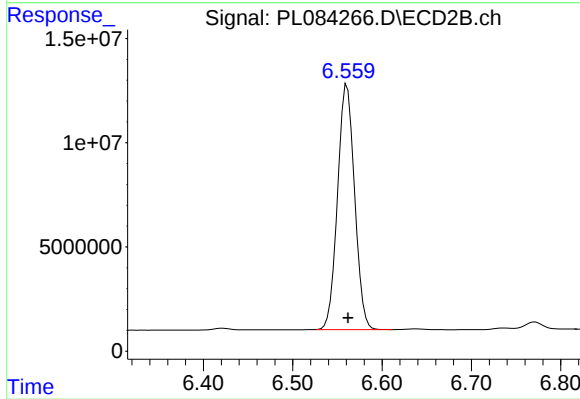
#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1951266
Conc: 2.17 ng/ml



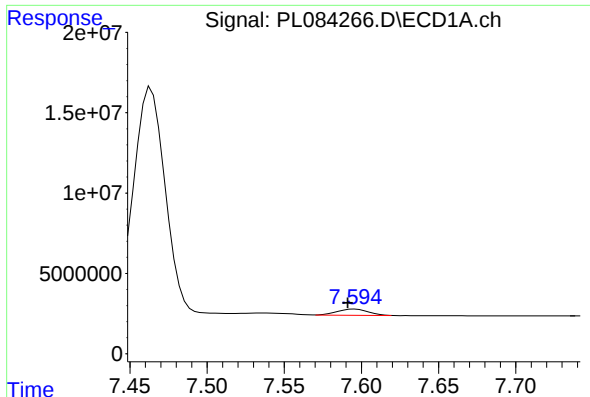
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 203318835
Conc: 259.92 ng/ml m



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 155929676
Conc: 325.37 ng/ml



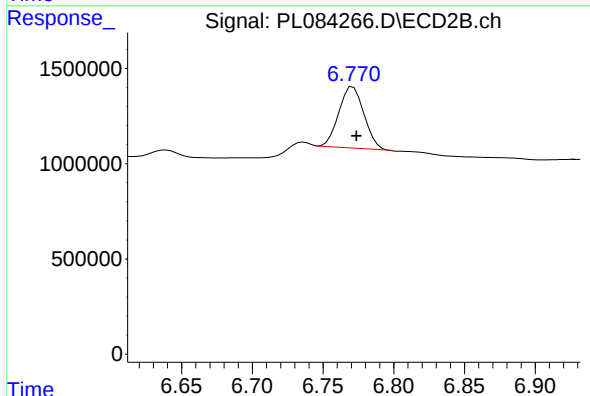
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 5322683
Conc: 3.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

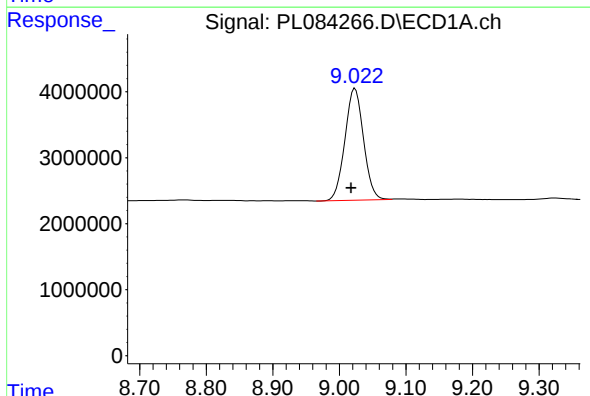
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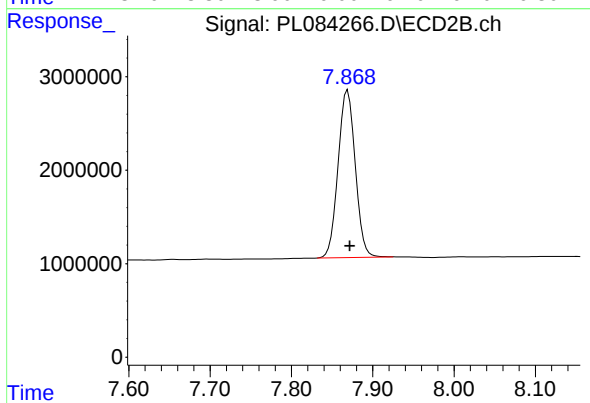
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 3993922
Conc: 3.09 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.006 min
Response: 32844987
Conc: 25.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 26275985
Conc: 23.65 ng/ml