

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072623\
 Data File : PL084231.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2023 16:16
 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 26 21:30:13 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...	3.476	2.687	44514910	21584921	22.259	19.436
28)	SA Decachlor...	9.025	7.869	32470426	23503071	24.945	21.152
Target Compounds							
2)	A alpha-BHC	3.934	3.192	30234435	14441082	10.320	8.982
3)	MA gamma-BHC...	4.268	3.522	28706170	13635301	10.160	8.967
6)	B beta-BHC	4.467	3.824	15214333	7076748	12.680	10.721
12)	B 4,4'-DDE	6.148	5.166	772721	302619	0.384	0.246 #
14)	MA Endrin	6.524	5.563	87494720	53321443	45.943	48.507
16)	A 4,4'-DDD	6.666	5.723	7261735	3951423	4.945	4.119
17)	MA 4,4'-DDT	6.983	5.976	158.3E6	107.3E6	99.277	117.835
18)	B Endrin al...	6.876	6.042	3556844	2282553	2.428	2.539
20)	A Methoxychlor	7.463	6.560	191.6E6	135.0E6	245.004m	281.666
21)	B Endrin ke...	7.594	6.771	6469187	4451358	3.691m	3.445

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

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Acq On : 26 Jul 2023 16:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

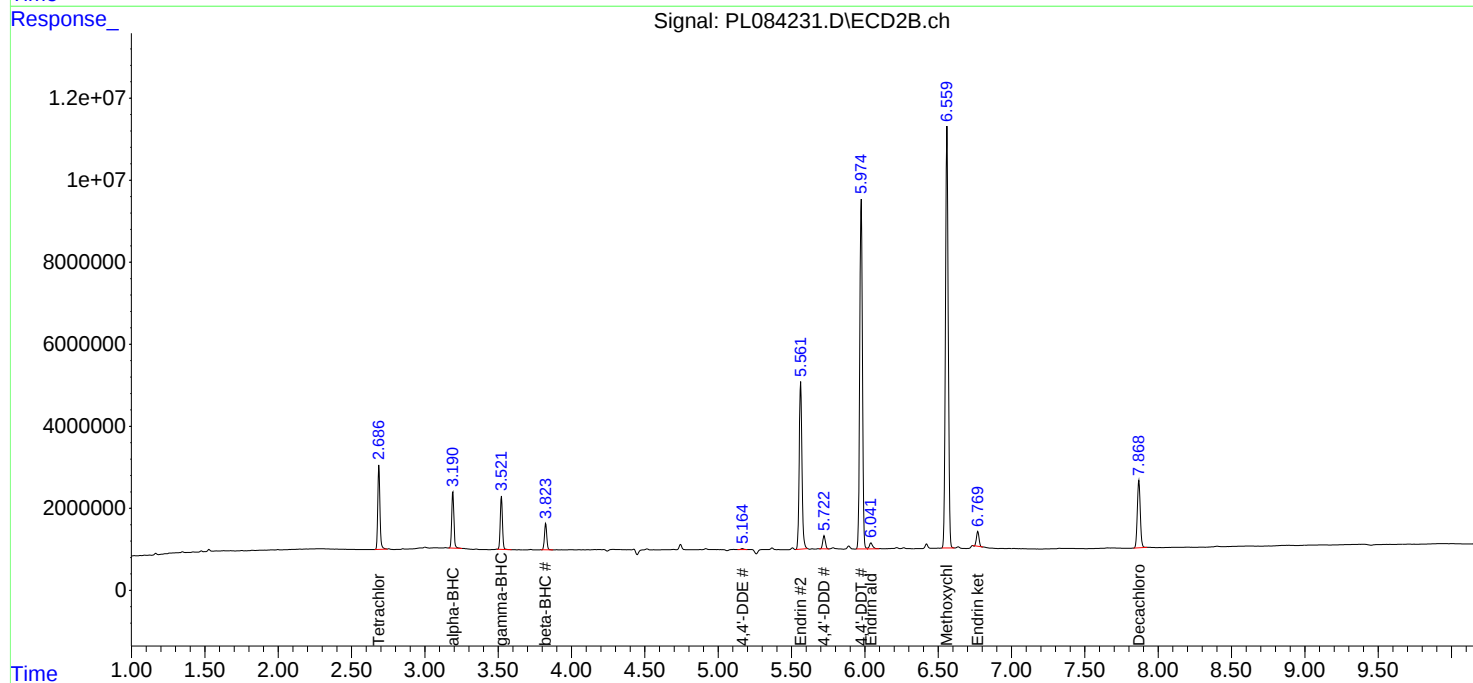
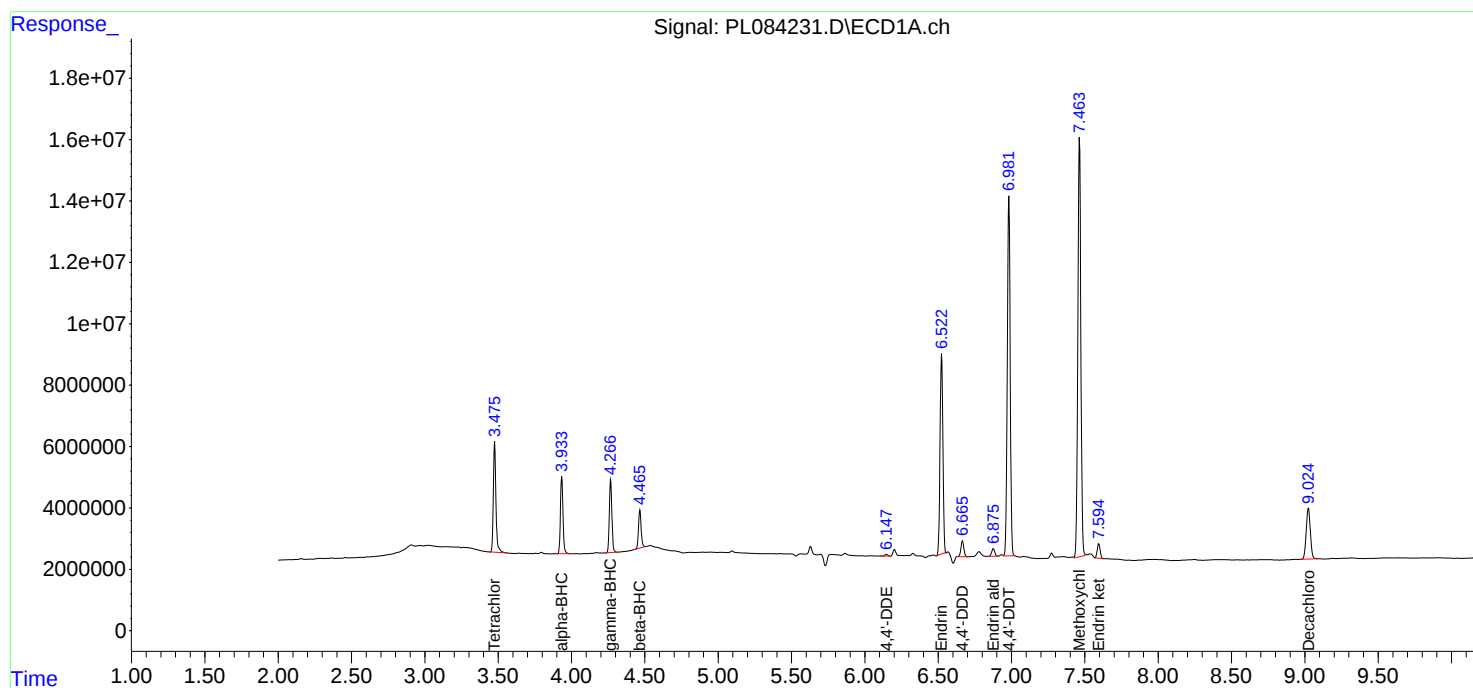
Instrument :
ECD_L
ClientSampleId :
PEM

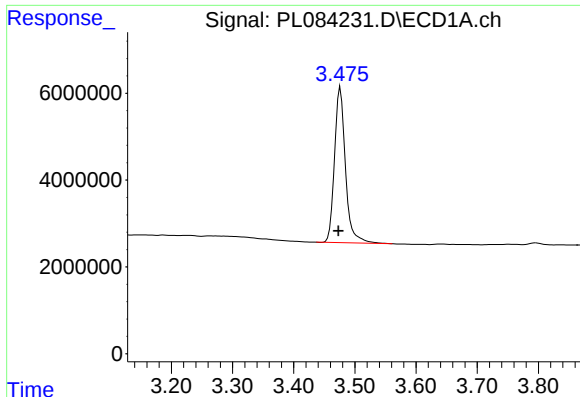
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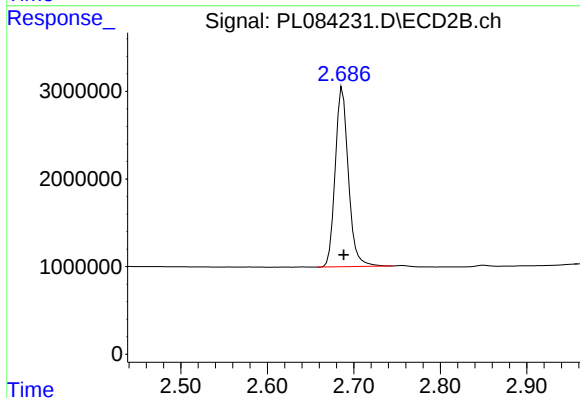
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 44514910
Conc: 22.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

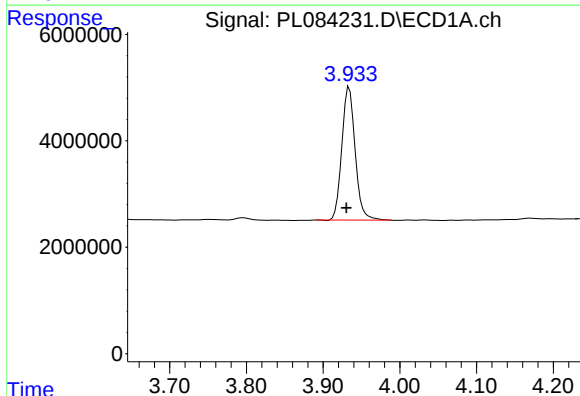
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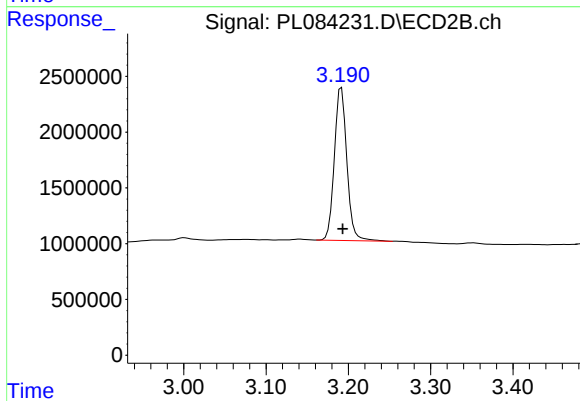
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.001 min
Response: 21584921
Conc: 19.44 ng/ml



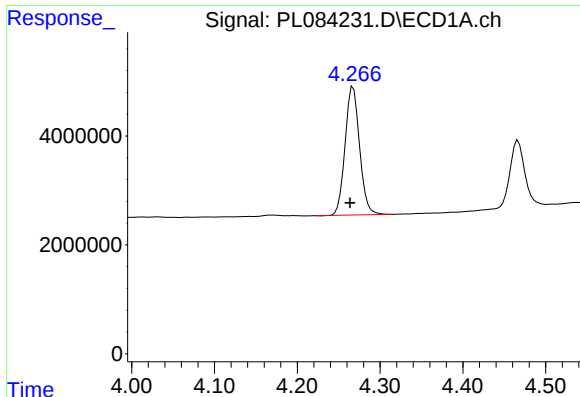
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.003 min
Response: 30234435
Conc: 10.32 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: -0.002 min
Response: 14441082
Conc: 8.98 ng/ml



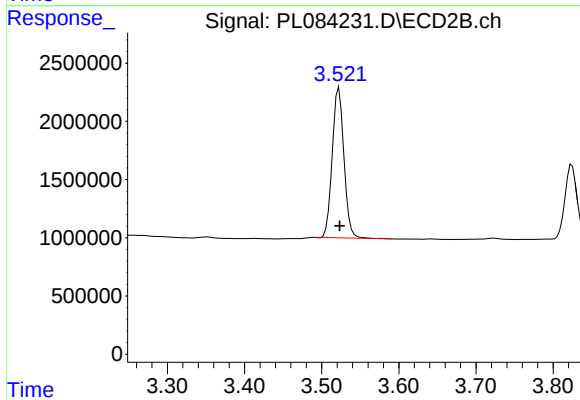
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 28706170
Conc: 10.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

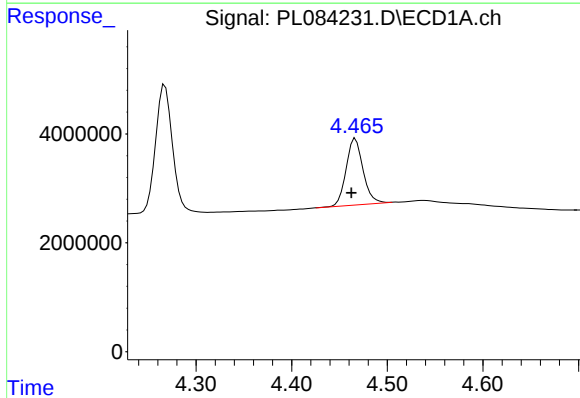
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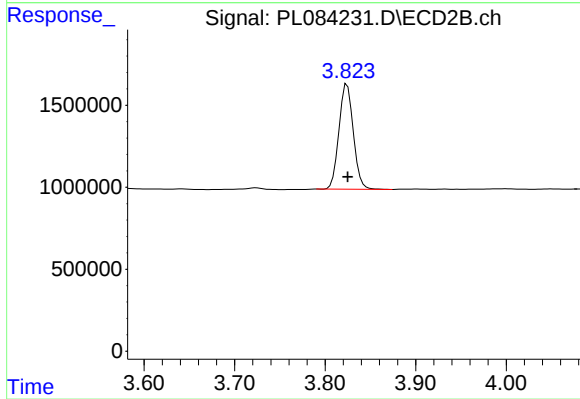
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.001 min
Response: 13635301
Conc: 8.97 ng/ml



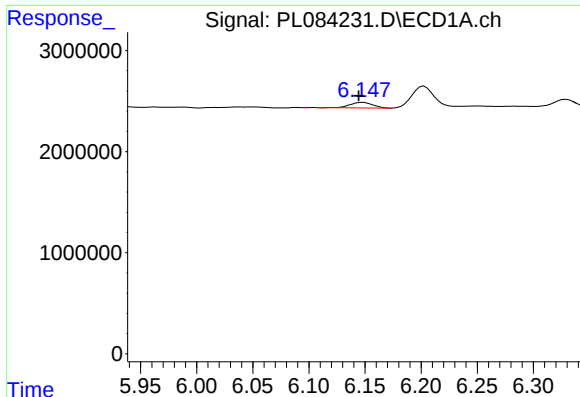
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 15214333
Conc: 12.68 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 7076748
Conc: 10.72 ng/ml



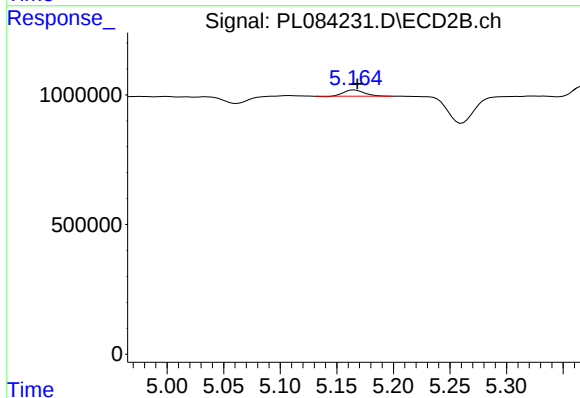
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.004 min
Response: 772721
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

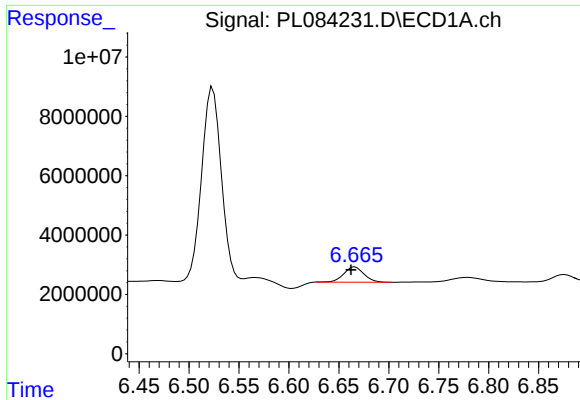
R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 302619
Conc: 0.25 ng/ml

#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.004 min
Response: 87494720
Conc: 45.94 ng/ml

#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.002 min
Response: 53321443
Conc: 48.51 ng/ml



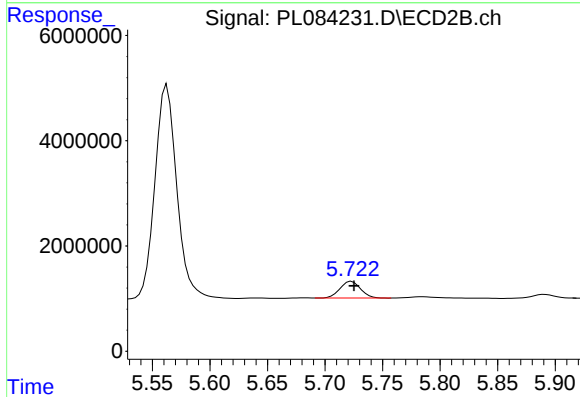
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.004 min
Response: 7261735
Conc: 4.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

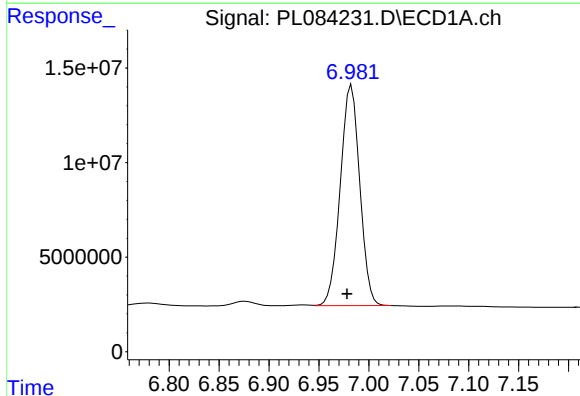
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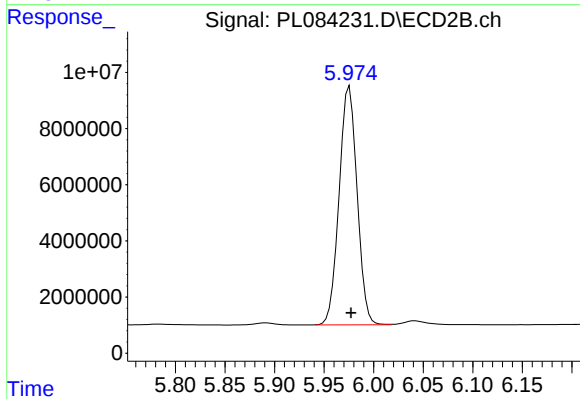
#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 3951423
Conc: 4.12 ng/ml



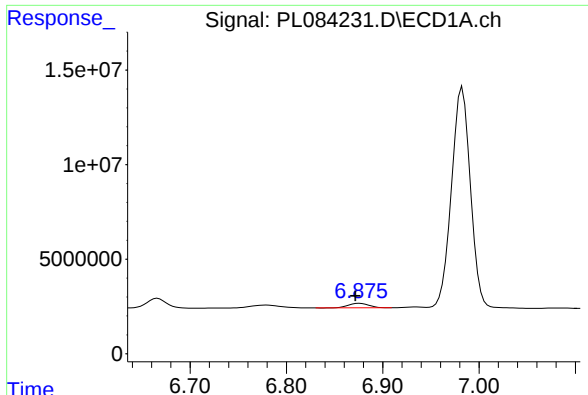
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.004 min
Response: 158326971
Conc: 99.28 ng/ml



#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 107323693
Conc: 117.84 ng/ml



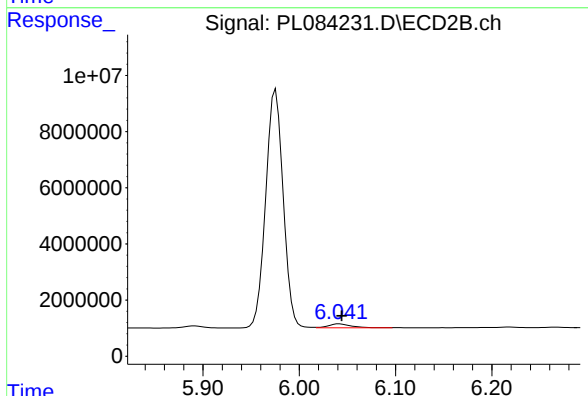
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.005 min
Response: 3556844
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

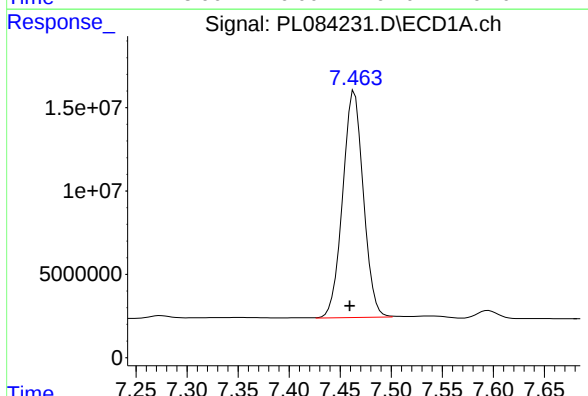
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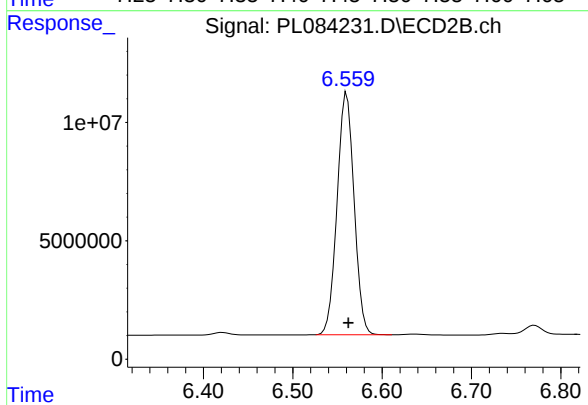
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 2282553
Conc: 2.54 ng/ml



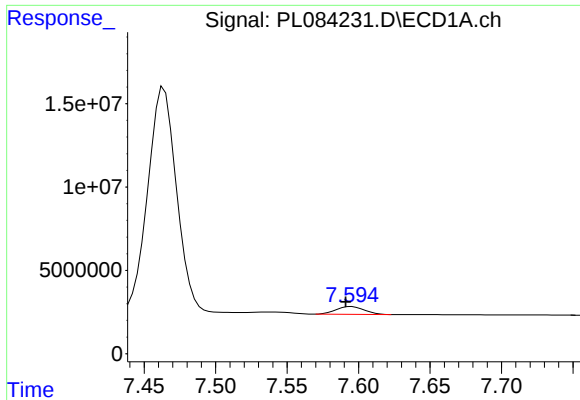
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.003 min
Response: 191647146
Conc: 245.00 ng/ml m



#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: -0.002 min
Response: 134986216
Conc: 281.67 ng/ml



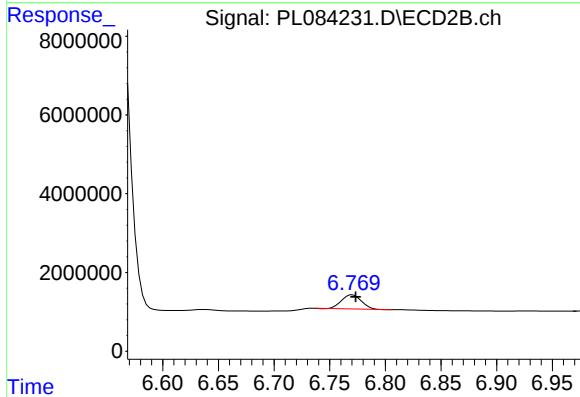
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 6469187
Conc: 3.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

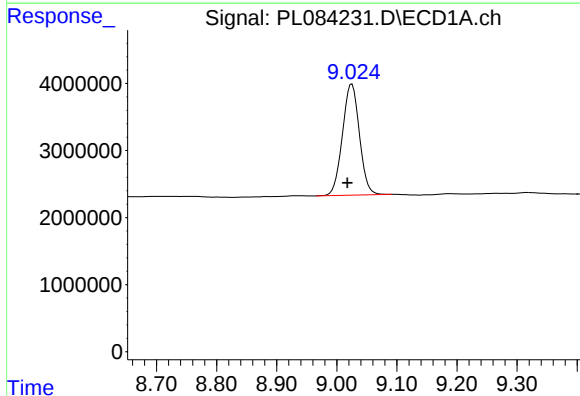
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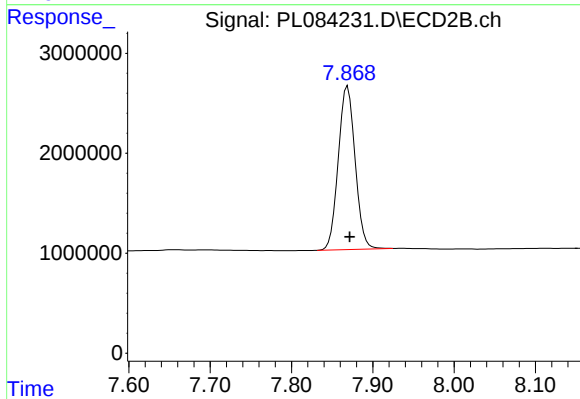
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: -0.003 min
Response: 4451358
Conc: 3.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.008 min
Response: 32470426
Conc: 24.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 23503071
Conc: 21.15 ng/ml