

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081023\
 Data File : PL084640.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 08:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 00:40:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.478	2.687	51041741	23324628	21.968	21.450
28)	SA Decachlor...	9.030	7.868	36614107	27628752	22.503	22.160
Target Compounds							
2)	A alpha-BHC	3.935	3.191	35285072	16302193	10.688	10.558
3)	MA gamma-BHC...	4.269	3.522	34023876	15230573	10.666	10.023
6)	B beta-BHC	4.469	3.824	17655879	7936937	12.639	11.846
12)	B 4,4'-DDE	6.151	5.164	946538	288193	0.412	0.234 #
14)	MA Endrin	6.528	5.562	103.8E6	62976102	47.598	51.484
16)	A 4,4'-DDD	6.669	5.722	7976065	3589998	4.757	3.475 #
17)	MA 4,4'-DDT	6.986	5.975	189.3E6	127.8E6	101.045	110.143
18)	B Endrin al...	6.879	6.042	3763162	2493287	2.231	2.514
20)	A Methoxychlor	7.468	6.560	224.7E6	160.6E6	234.150	234.030
21)	B Endrin ke...	7.598	6.770	7499181	5520845	3.749m	3.826

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

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Acq On : 10 Aug 2023 08:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

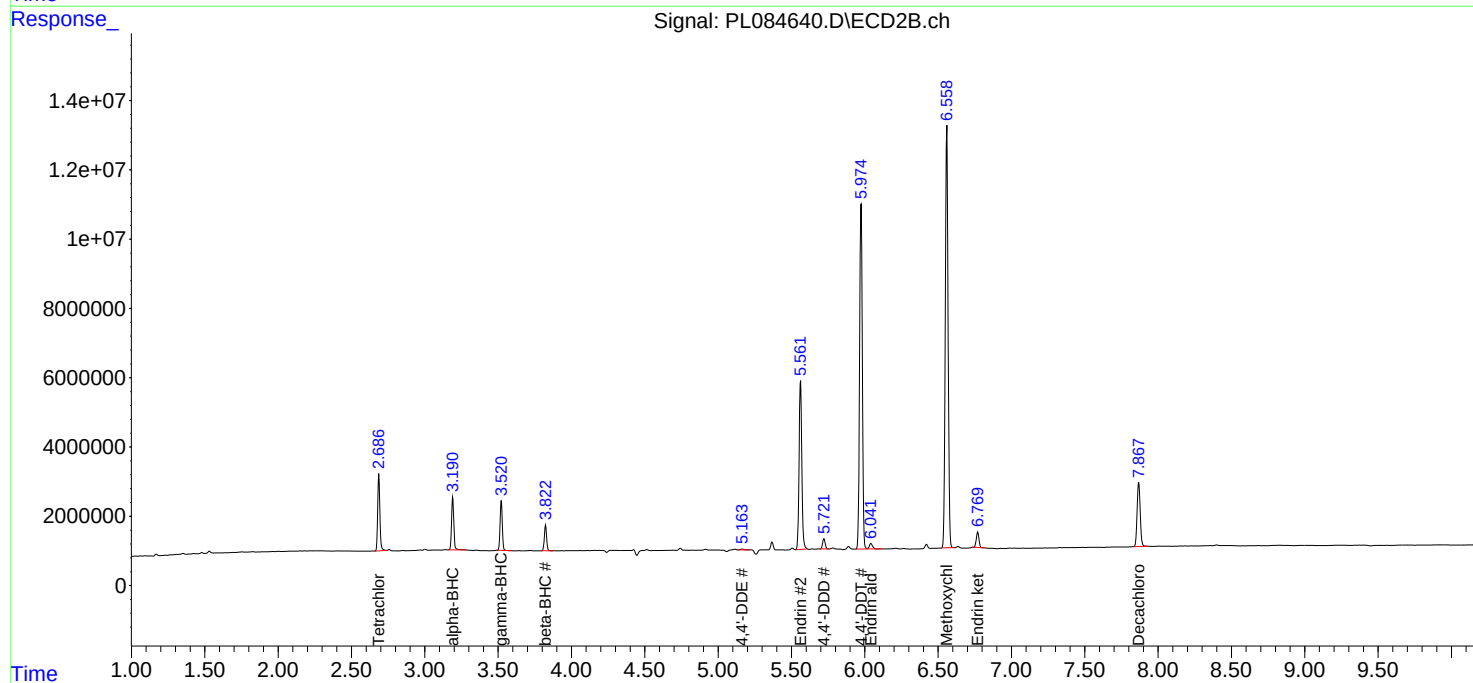
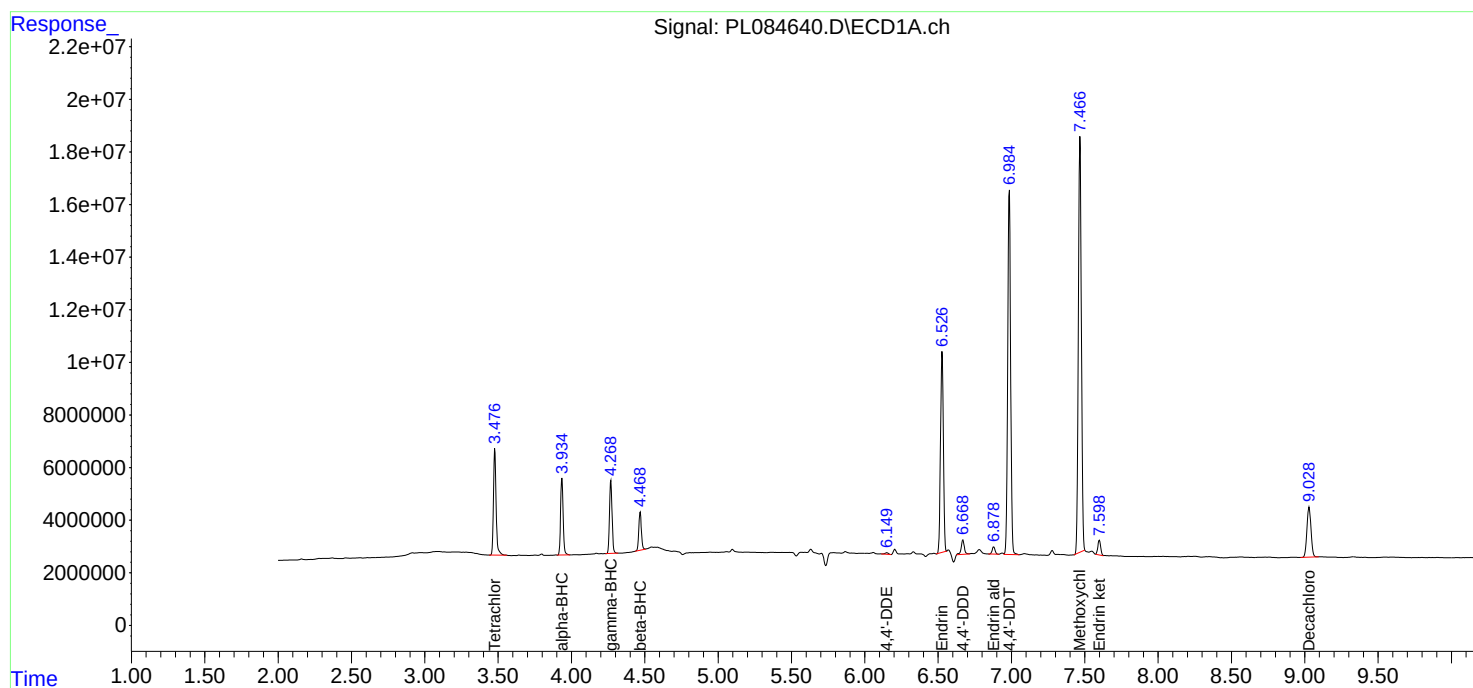
Instrument :
ECD_L
ClientSampleId :
PEM

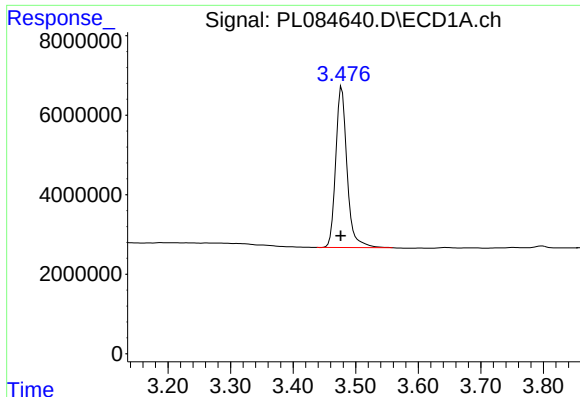
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
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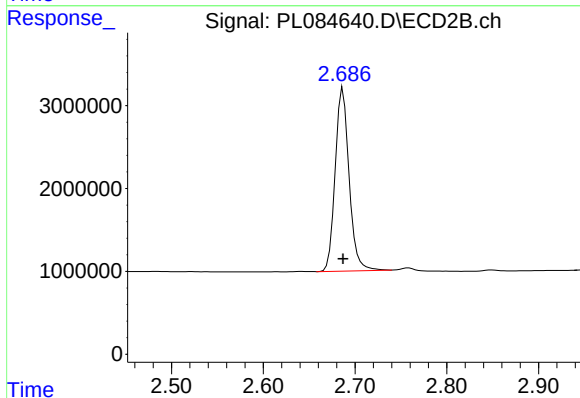
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 51041741
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

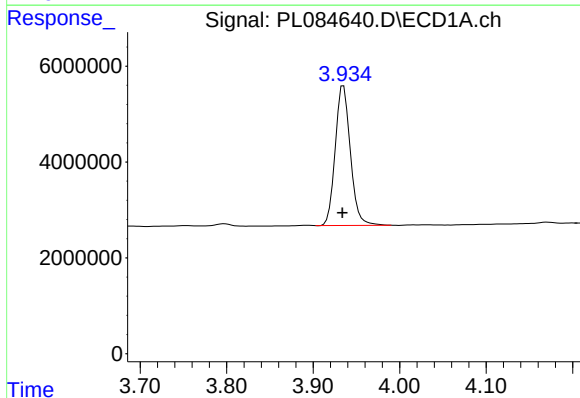
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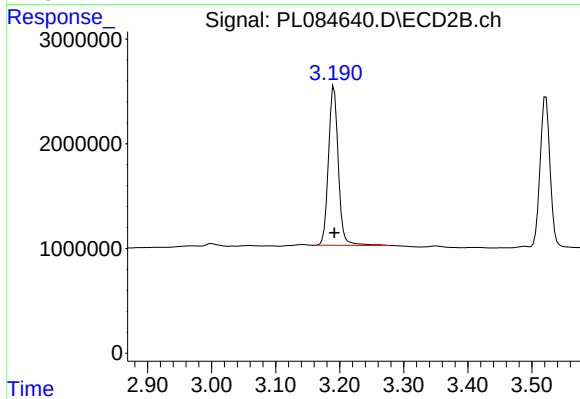
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 23324628
Conc: 21.45 ng/ml



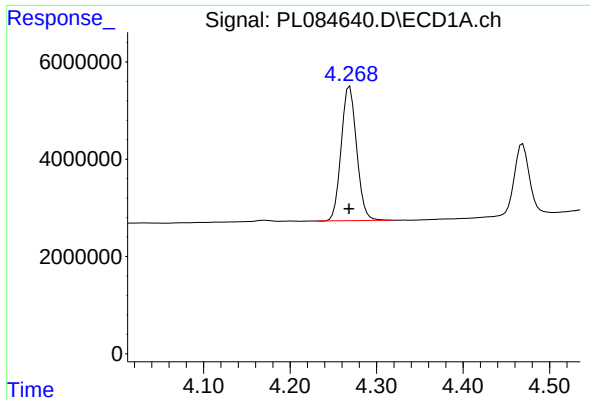
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 35285072
Conc: 10.69 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 16302193
Conc: 10.56 ng/ml



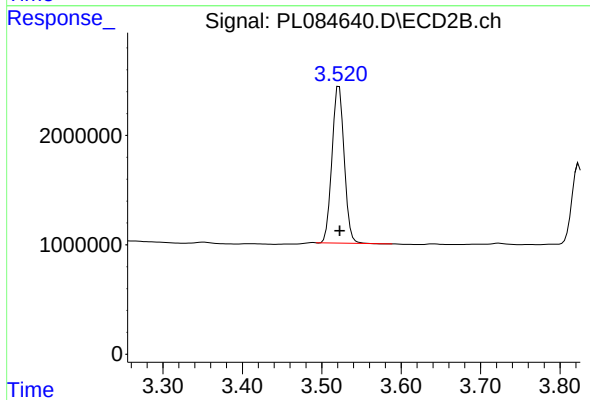
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 34023876
Conc: 10.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

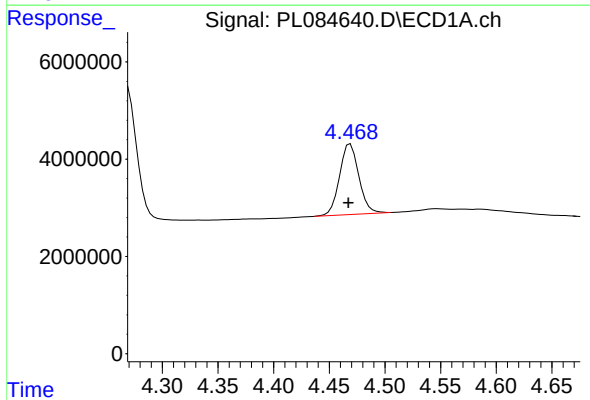
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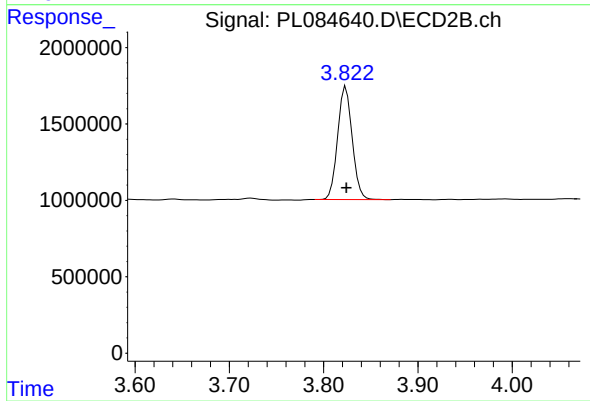
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 15230573
Conc: 10.02 ng/ml



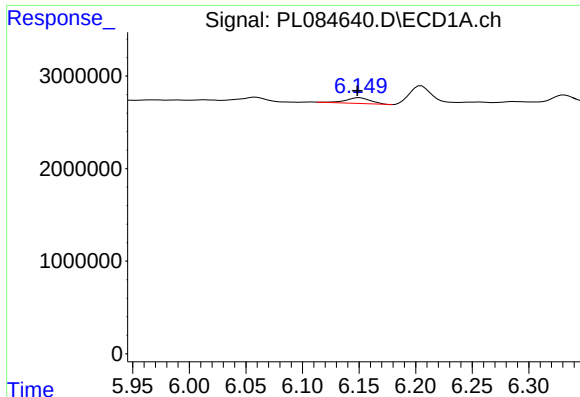
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 17655879
Conc: 12.64 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 7936937
Conc: 11.85 ng/ml



#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 946538
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#12 4,4'-DDE

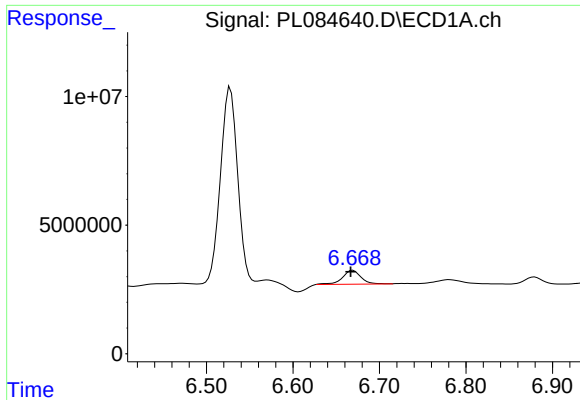
R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 288193
Conc: 0.23 ng/ml

#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 103810611
Conc: 47.60 ng/ml

#14 Endrin

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 62976102
Conc: 51.48 ng/ml



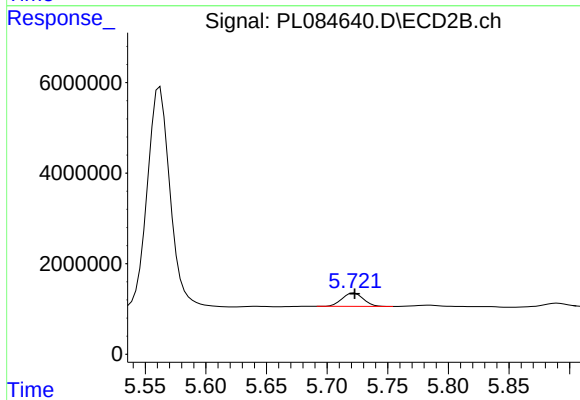
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 7976065
Conc: 4.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

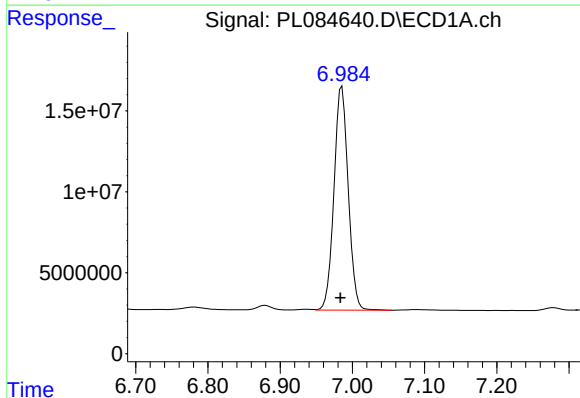
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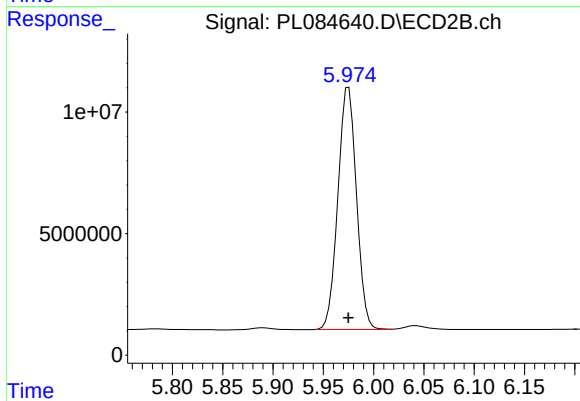
#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 3589998
Conc: 3.47 ng/ml



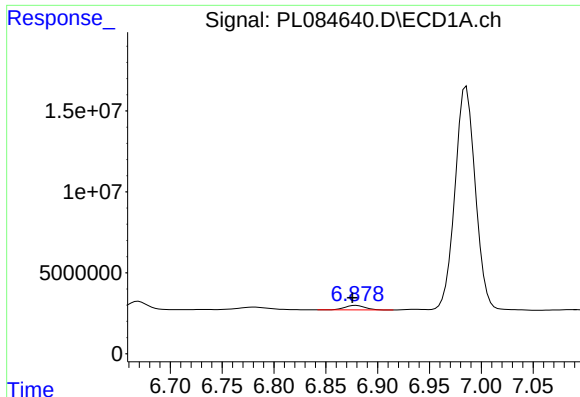
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 189328095
Conc: 101.04 ng/ml



#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 127827492
Conc: 110.14 ng/ml



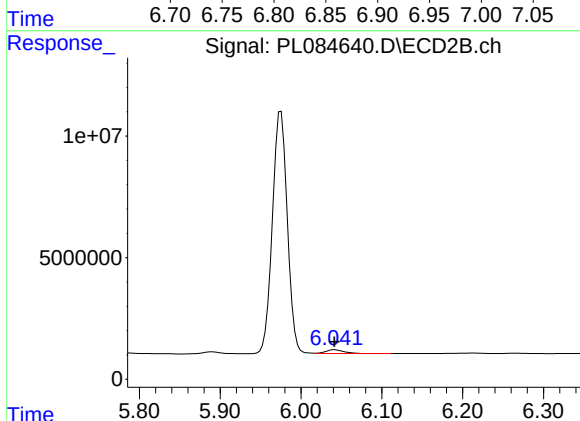
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.004 min
Response: 3763162
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

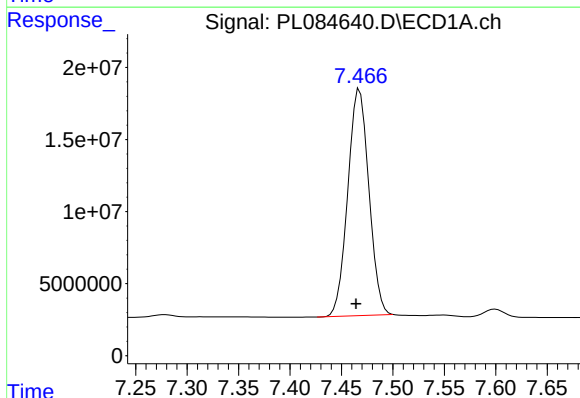
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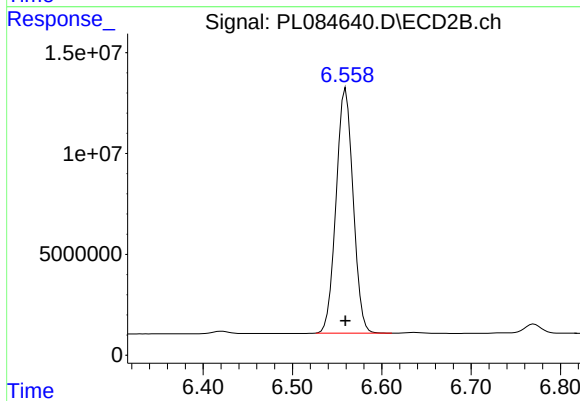
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 2493287
Conc: 2.51 ng/ml



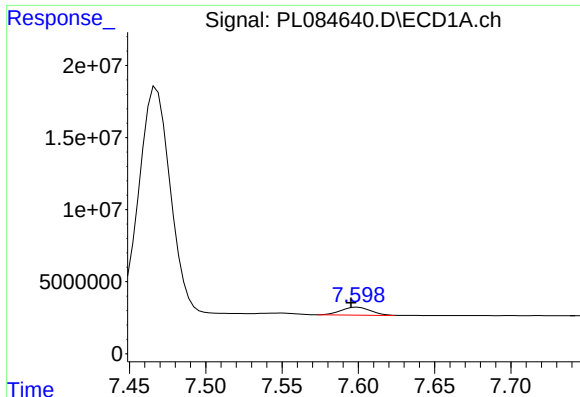
#20 Methoxychlor

R.T.: 7.468 min
Delta R.T.: 0.004 min
Response: 224710552
Conc: 234.15 ng/ml



#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 160567940
Conc: 234.03 ng/ml



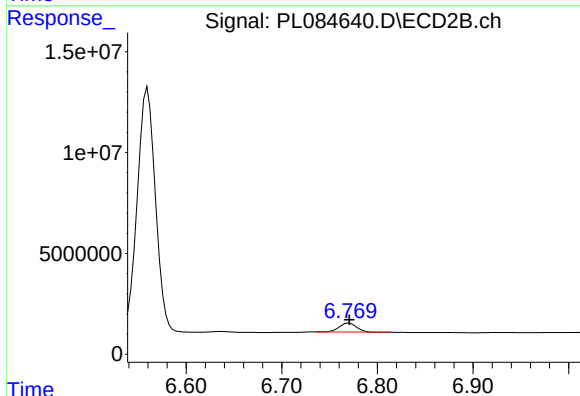
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.003 min
Response: 7499181
Conc: 3.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

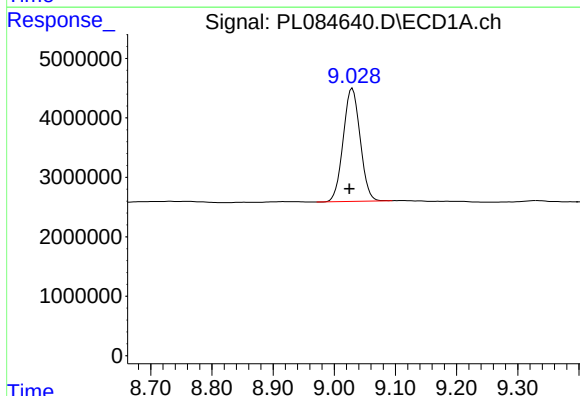
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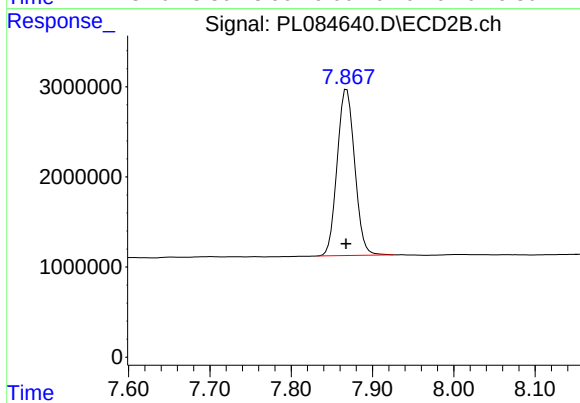
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 5520845
Conc: 3.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: 0.005 min
Response: 36614107
Conc: 22.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 27628752
Conc: 22.16 ng/ml