

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080323\
 Data File : PL084447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Aug 2023 08:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/04/2023
 Supervised By : Ankita Jodhani 08/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 15:58:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:09:43 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...	3.477	2.687	45220845	20124072	19.463	18.506
28)	SA Decachlor...	9.027	7.869	31753190	23722610	19.515	19.027
Target Compounds							
2)	A alpha-BHC	3.934	3.191	30998653	13615937	9.390	8.818
3)	MA gamma-BHC...	4.269	3.522	29458143	12840002	9.235	8.450
6)	B beta-BHC	4.468	3.824	14674890	6783182	10.505	10.124
12)	B 4,4'-DDE	6.148	5.167	381811	95057	0.166	0.077 #
14)	MA Endrin	6.525	5.563	96604995	55405281	44.294	45.295
16)	A 4,4'-DDD	6.666	5.721	1207228	442232	0.720m	0.428m#
17)	MA 4,4'-DDT	6.983	5.976	177.7E6	117.2E6	94.812	100.987
18)	B Endrin al...	6.877	6.041	2338411	1596129	1.386	1.609m
20)	A Methoxychlor	7.466	6.560	212.7E6	152.9E6	221.629	222.866
21)	B Endrin ke...	7.596	6.769	3906858	2936839	1.953m	2.035m

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

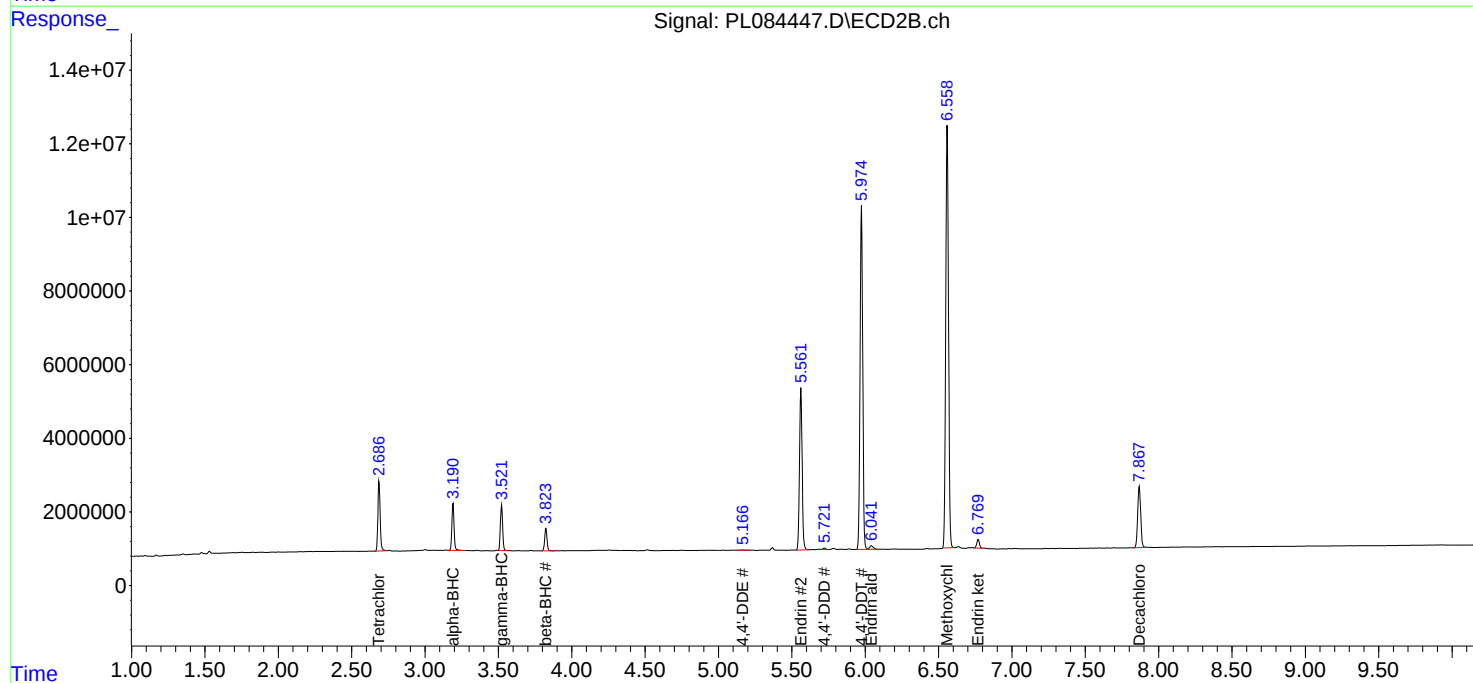
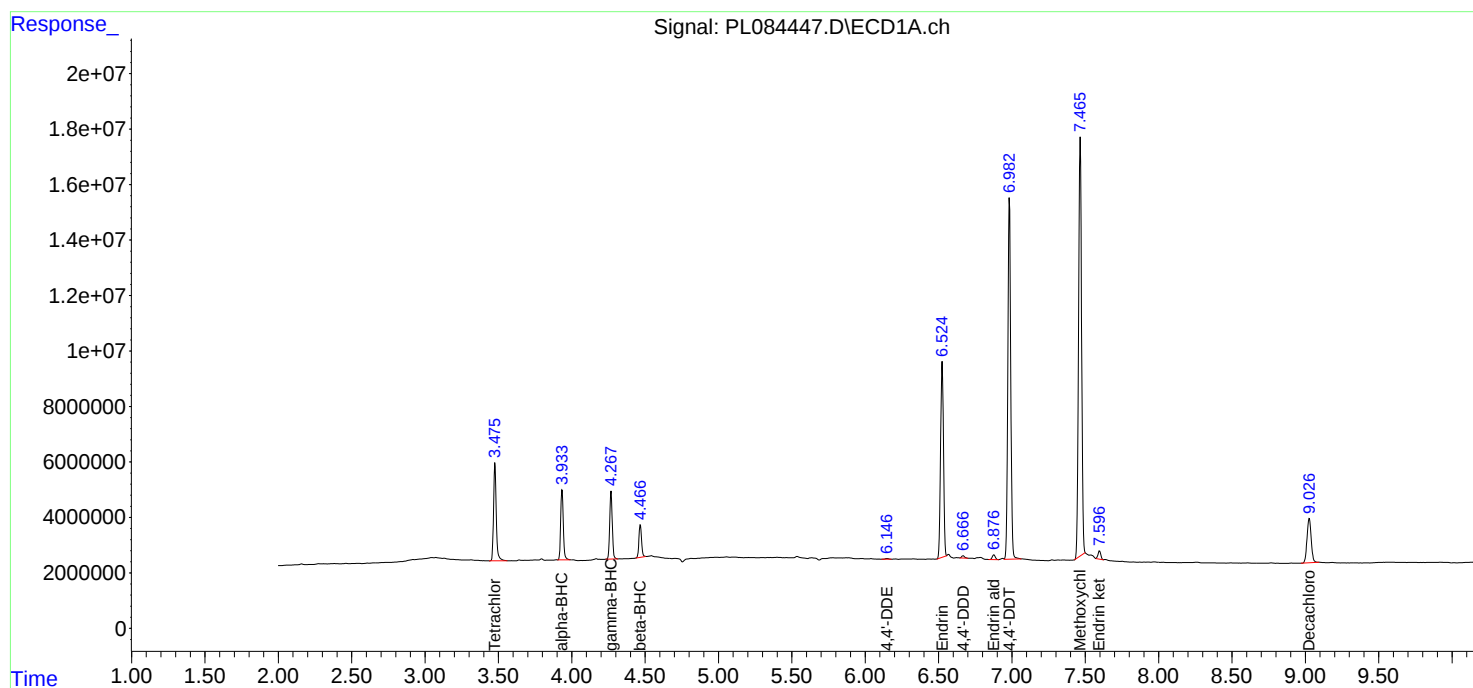
Instrument :
ECD_L
ClientSampleId :
PEM

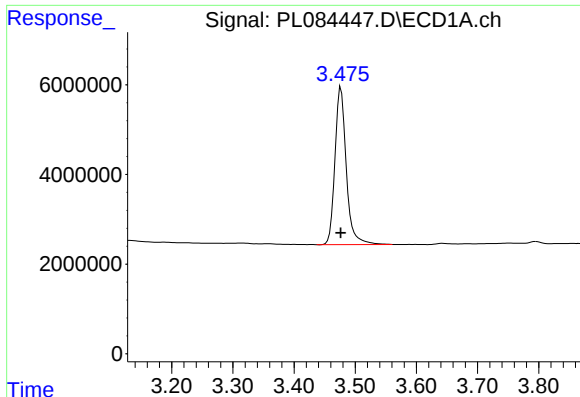
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
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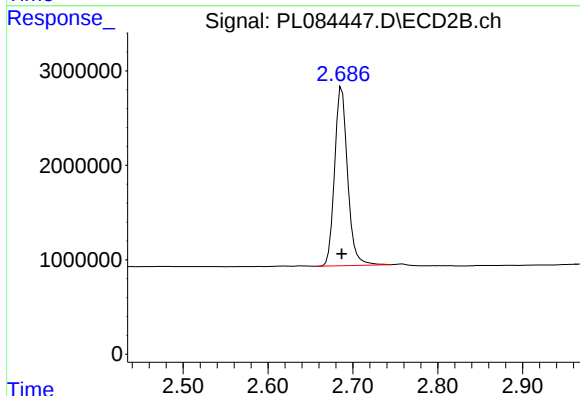
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 45220845
Conc: 19.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

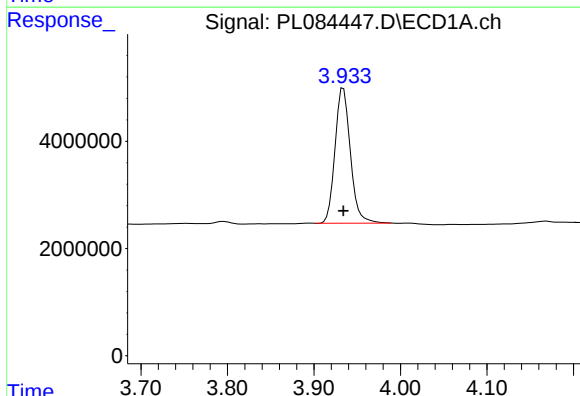
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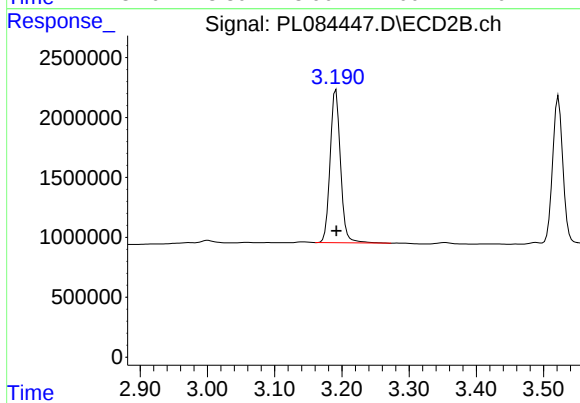
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 20124072
Conc: 18.51 ng/ml



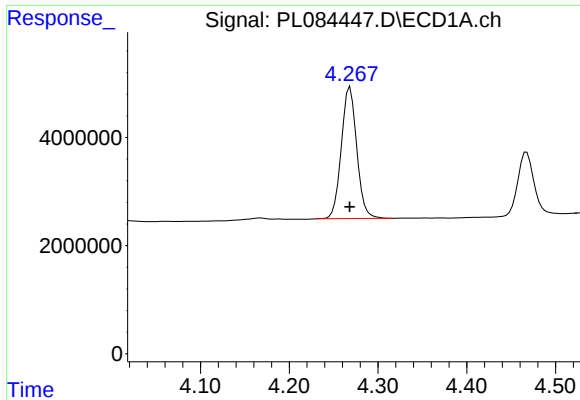
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 30998653
Conc: 9.39 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 13615937
Conc: 8.82 ng/ml



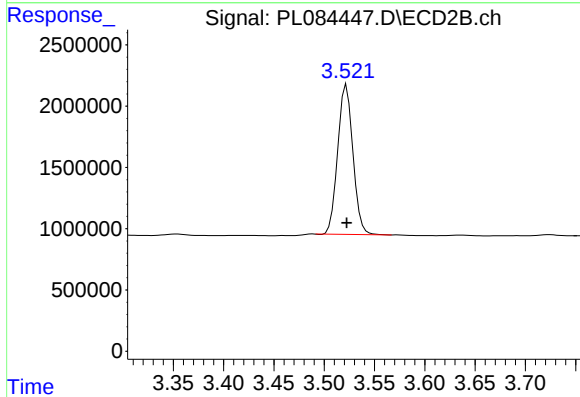
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 29458143
Conc: 9.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

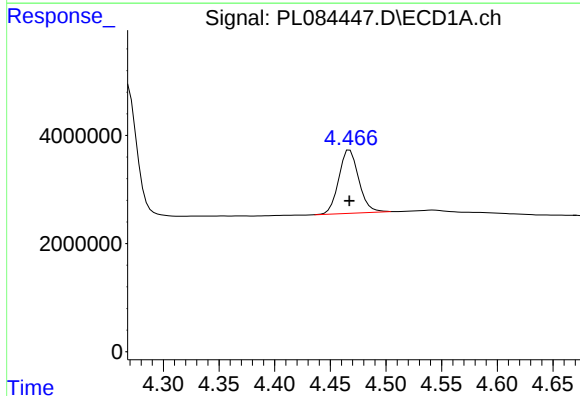
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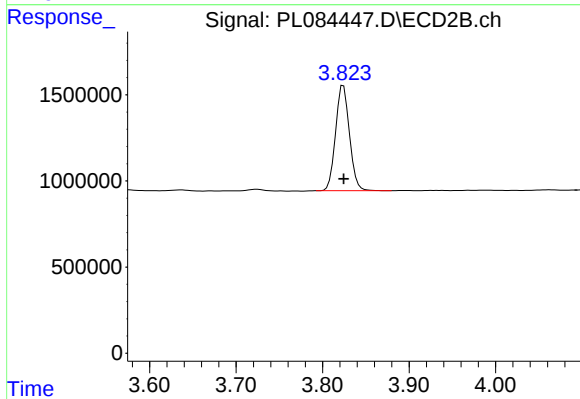
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 12840002
Conc: 8.45 ng/ml



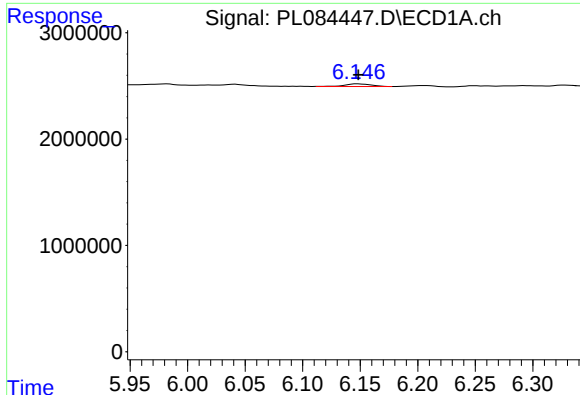
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 14674890
Conc: 10.51 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 6783182
Conc: 10.12 ng/ml



#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 381811
Conc: 0.17 ng/ml

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

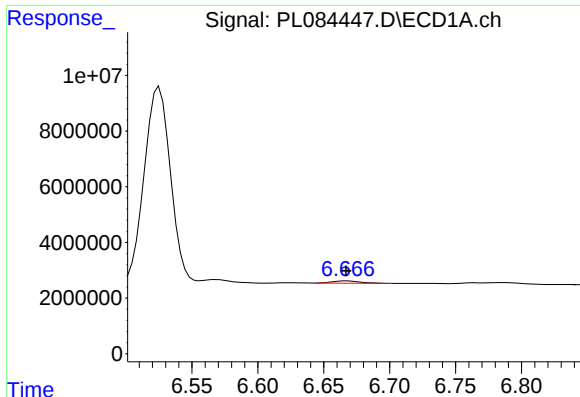
R.T.: 5.167 min
Delta R.T.: 0.002 min
Response: 95057
Conc: 0.08 ng/ml

#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 96604995
Conc: 44.29 ng/ml

#14 Endrin

R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 55405281
Conc: 45.30 ng/ml



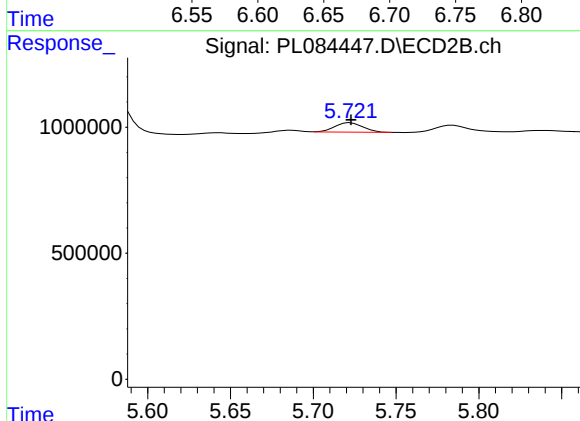
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 1207228
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

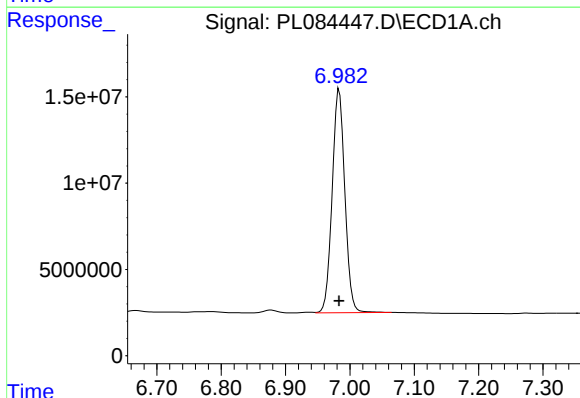
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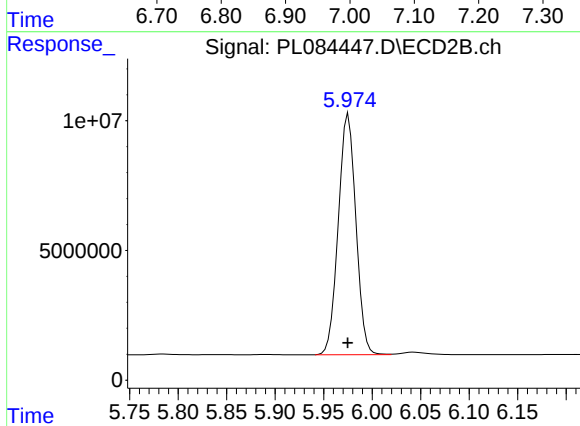
#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 442232
Conc: 0.43 ng/ml m



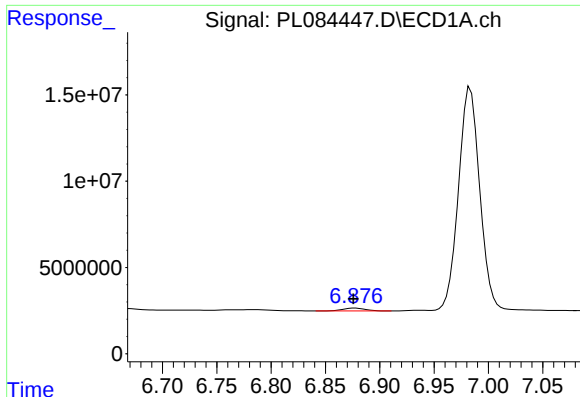
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 177650029
Conc: 94.81 ng/ml



#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 117200975
Conc: 100.99 ng/ml



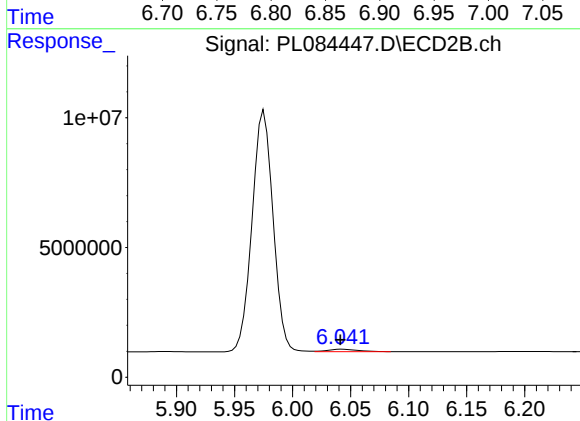
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 2338411
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

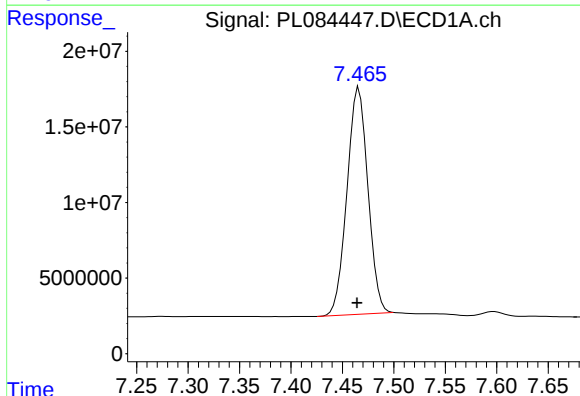
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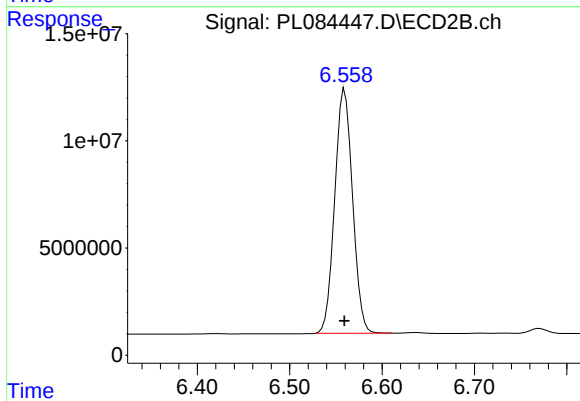
#18 Endrin aldehyde

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 1596129
Conc: 1.61 ng/ml m



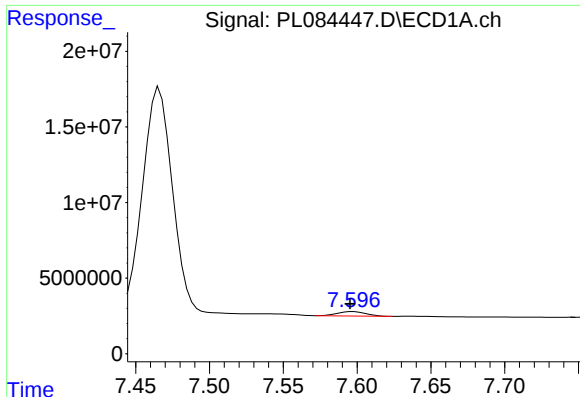
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 212694692
Conc: 221.63 ng/ml



#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 152908583
Conc: 222.87 ng/ml



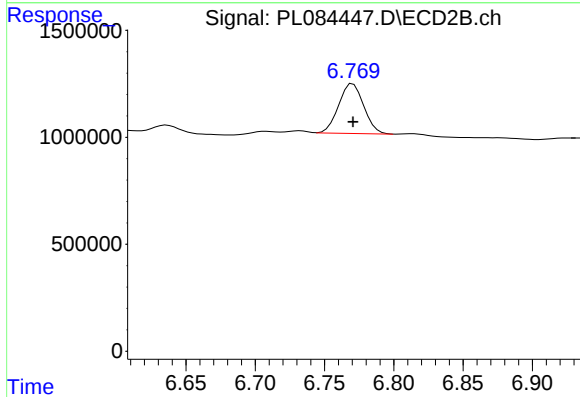
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 3906858
Conc: 1.95 ng/ml

Instrument :
ECD_L
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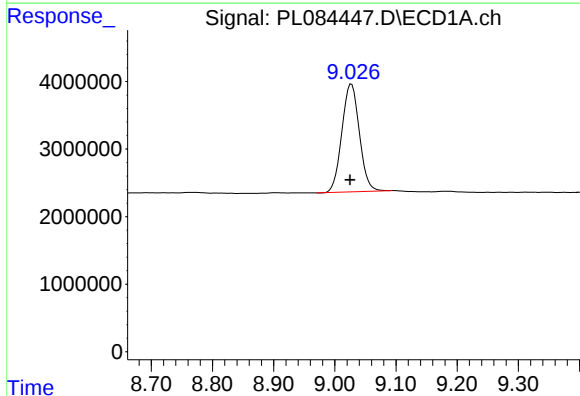
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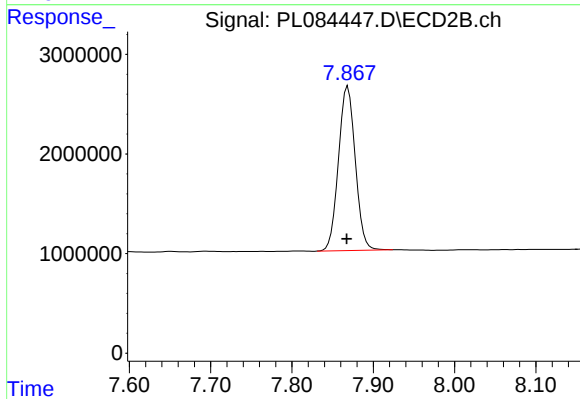
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 2936839
Conc: 2.04 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.002 min
Response: 31753190
Conc: 19.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: 0.001 min
Response: 23722610
Conc: 19.03 ng/ml