

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081924\
 Data File : PL091197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2024 10:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2024
 Supervised By : Ankita Jodhani 08/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 02:56:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 2024
 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...	3.553	2.786	42860969	39776896	19.962	20.378
2)	SA Decachlor...	9.073	7.933	33311273	38224138	21.850	20.180
Target Compounds							
2)	A alpha-BHC	4.009	3.290	32015173	26715341	10.680	9.633
3)	MA gamma-BHC...	4.342	3.619	30392119	24867838	10.595	9.441m
6)	B beta-BHC	4.539	3.920	14379023	12634521	10.633	10.734
12)	B 4,4'-DDE	6.205	5.247	730302	604536	0.349m	0.289
14)	MA Endrin	6.588	5.655	90619430	96665841	46.729m	47.452
16)	A 4,4'-DDD	6.724	5.803	7779999	6144791	5.148	3.722 #
17)	MA 4,4'-DDT	7.038	6.054	161.7E6	185.9E6	91.114	104.649
18)	B Endrin al...	6.938	6.129	2945382	3459978	1.845	2.221
20)	A Methoxychlor	7.514	6.630	210.2E6	220.5E6	223.546	222.083
21)	B Endrin ke...	7.655	6.857	7828648	8241010	3.728m	3.784m

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

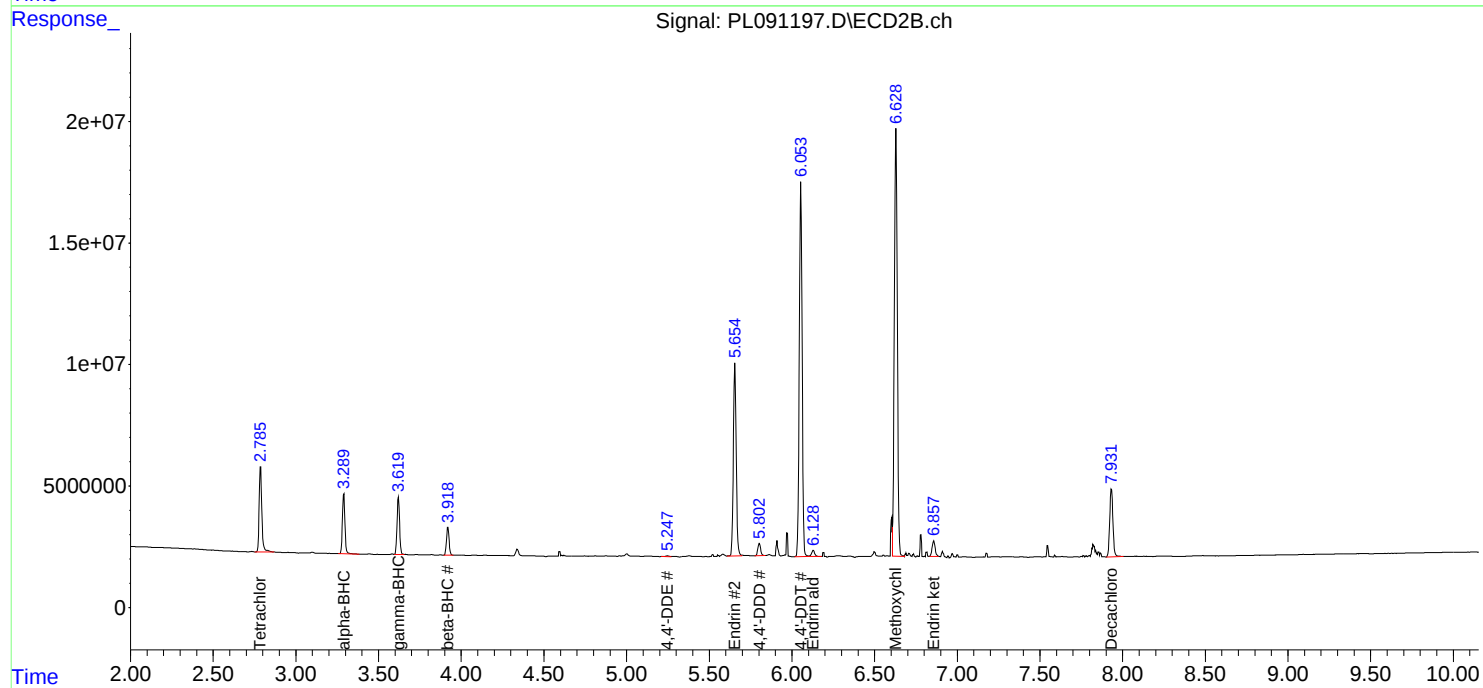
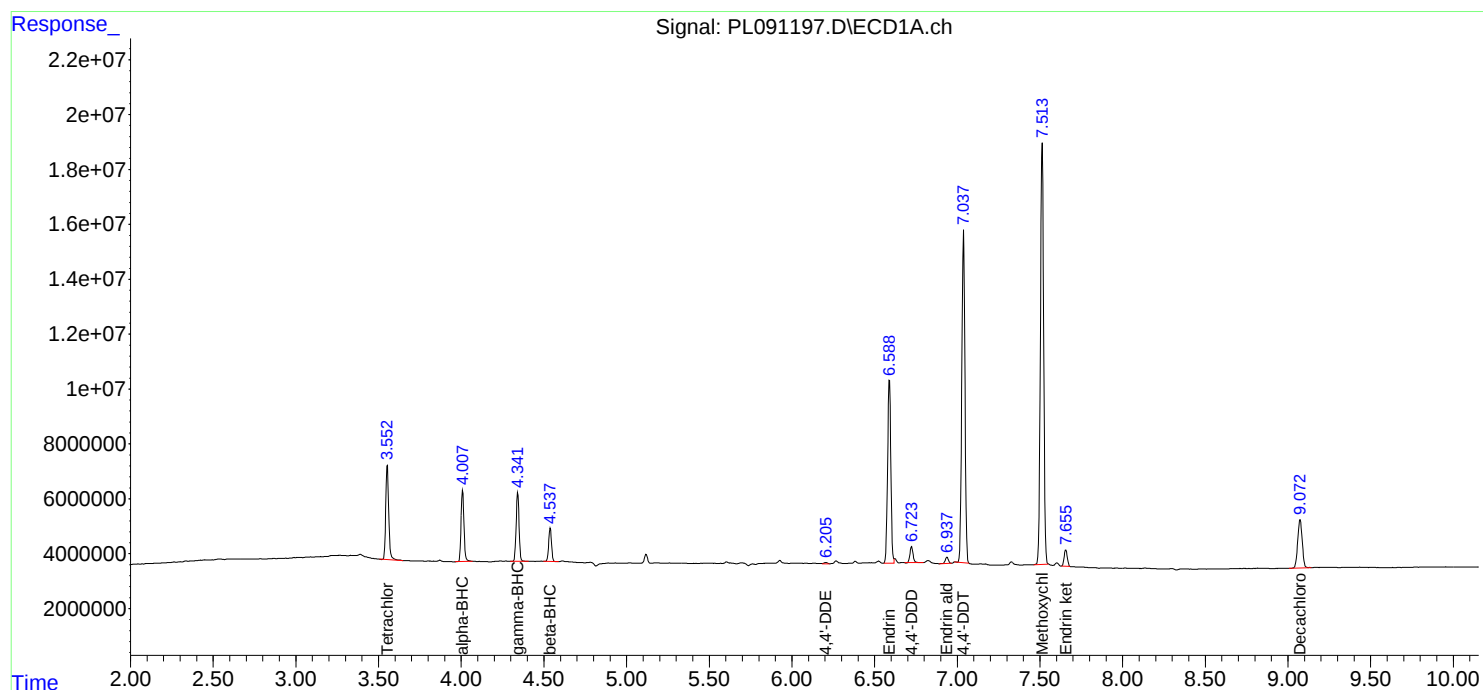
Instrument :
ECD_L
ClientSampleId :
PEM

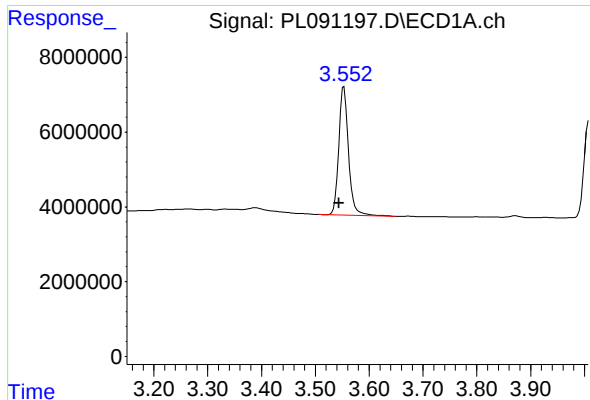
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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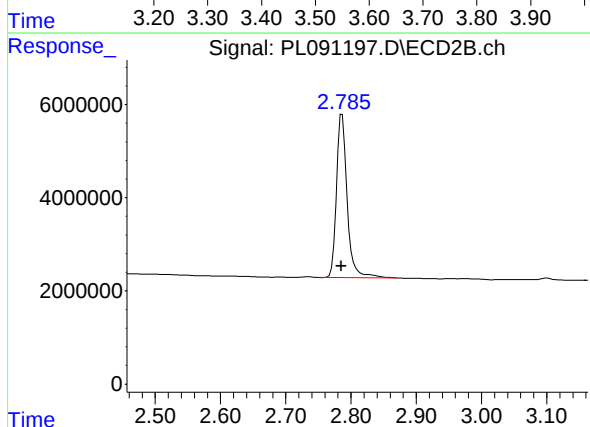
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.009 min
Response: 42860969
Conc: 19.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

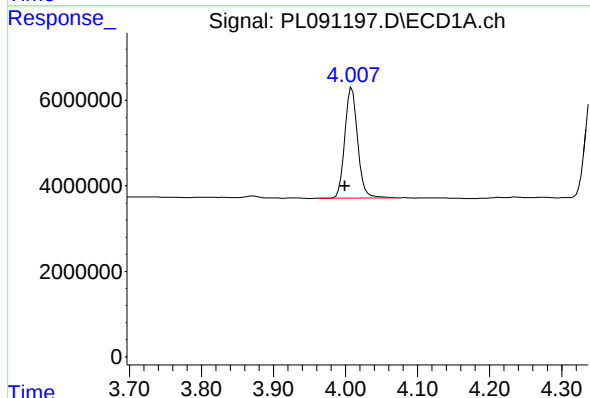
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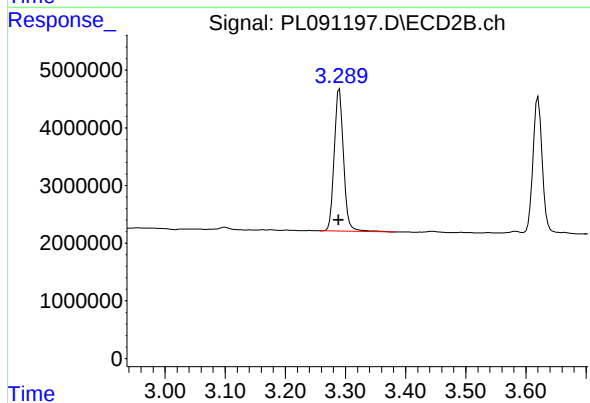
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 39776896
Conc: 20.38 ng/ml



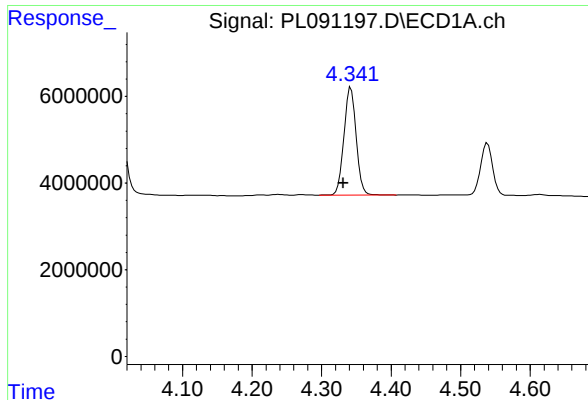
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.010 min
Response: 32015173
Conc: 10.68 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: 0.002 min
Response: 26715341
Conc: 9.63 ng/ml



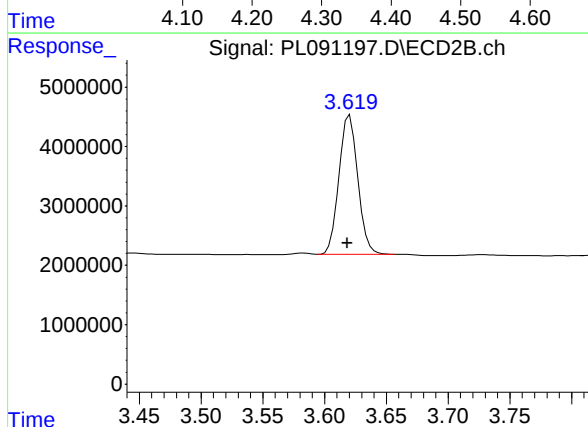
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: 0.011 min
Response: 30392119
Conc: 10.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

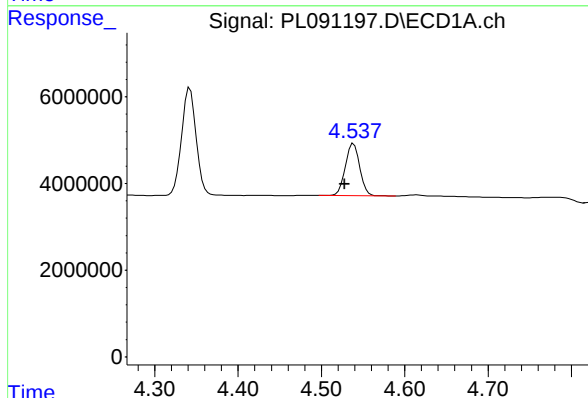
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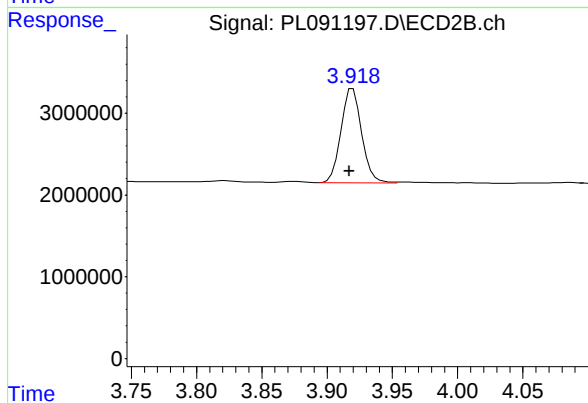
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 24867838
Conc: 9.44 ng/ml



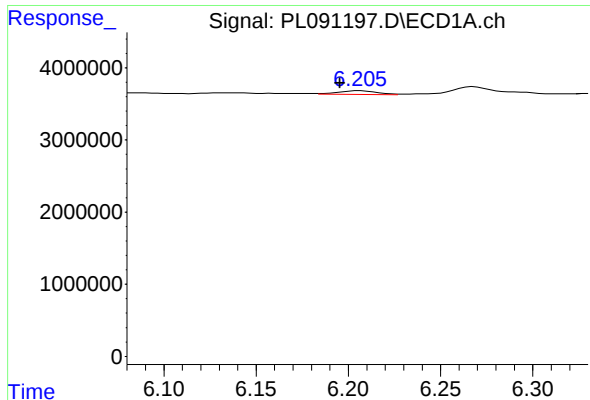
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.011 min
Response: 14379023
Conc: 10.63 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: 0.003 min
Response: 12634521
Conc: 10.73 ng/ml



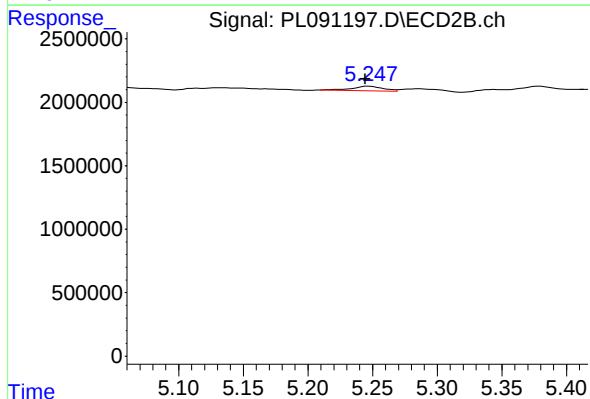
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.010 min
Response: 730302
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

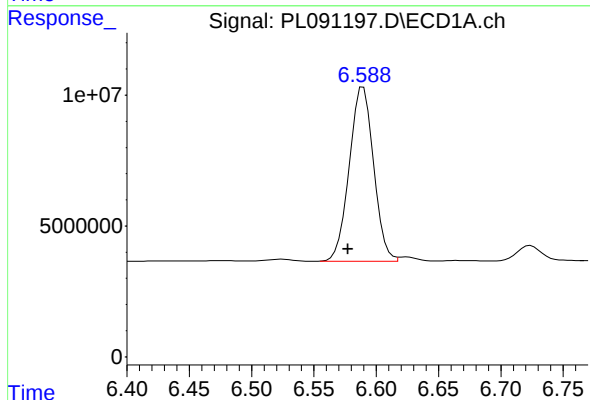
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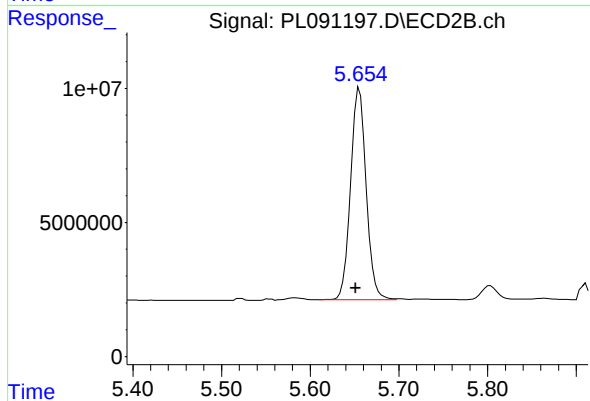
#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: 0.003 min
Response: 604536
Conc: 0.29 ng/ml



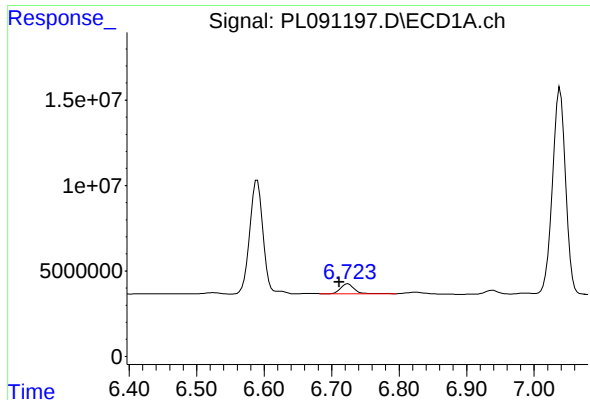
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.011 min
Response: 90619430
Conc: 46.73 ng/ml m



#14 Endrin

R.T.: 5.655 min
Delta R.T.: 0.004 min
Response: 96665841
Conc: 47.45 ng/ml



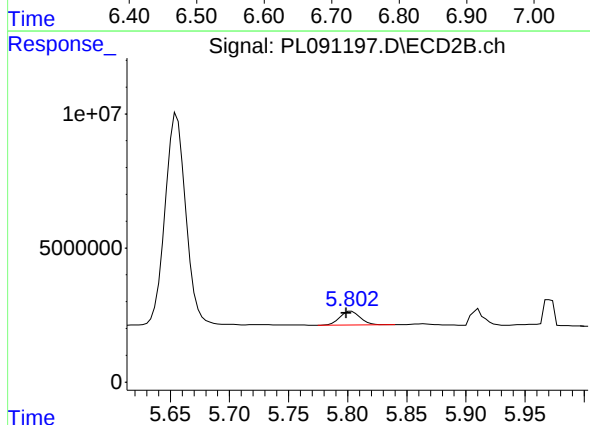
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.013 min
Response: 7779999
Conc: 5.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

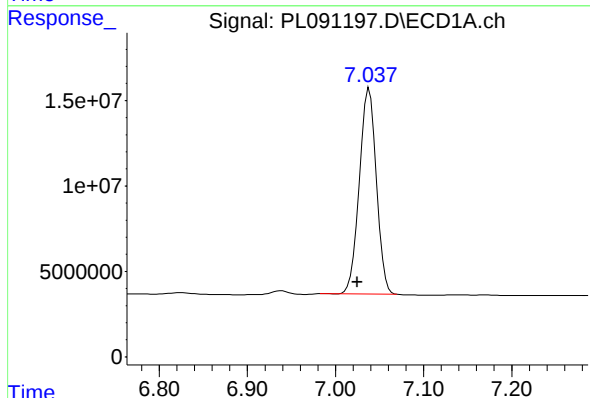
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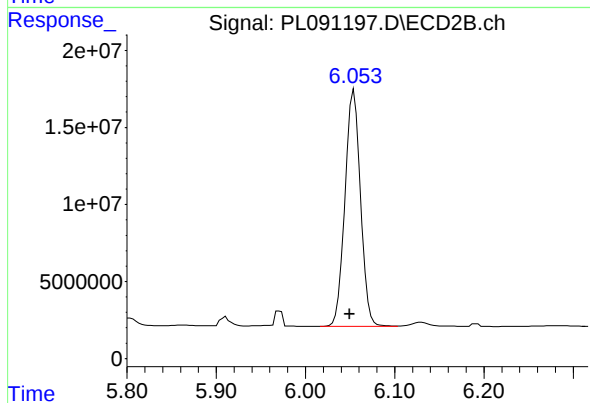
#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: 0.004 min
Response: 6144791
Conc: 3.72 ng/ml



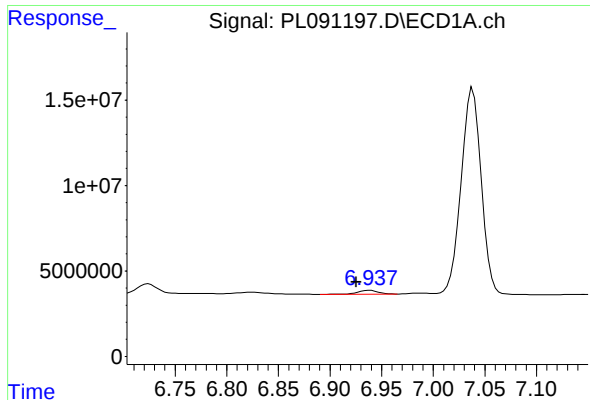
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.013 min
Response: 161735149
Conc: 91.11 ng/ml



#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: 0.005 min
Response: 185898922
Conc: 104.65 ng/ml



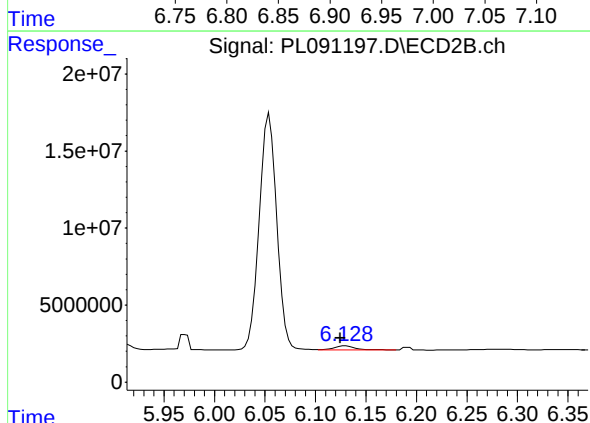
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.013 min
Response: 2945382
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

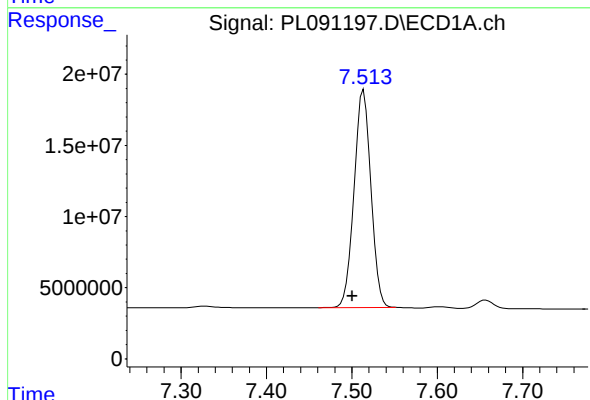
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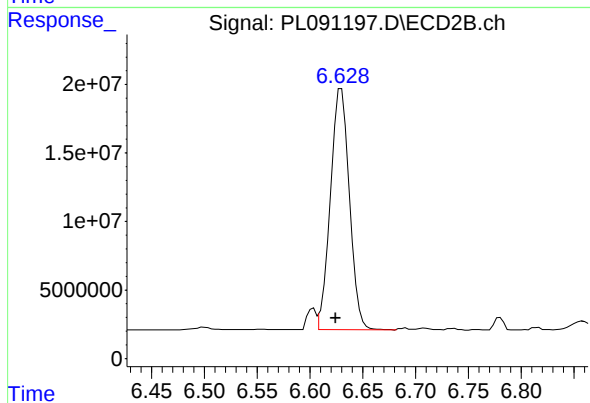
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: 0.005 min
Response: 3459978
Conc: 2.22 ng/ml



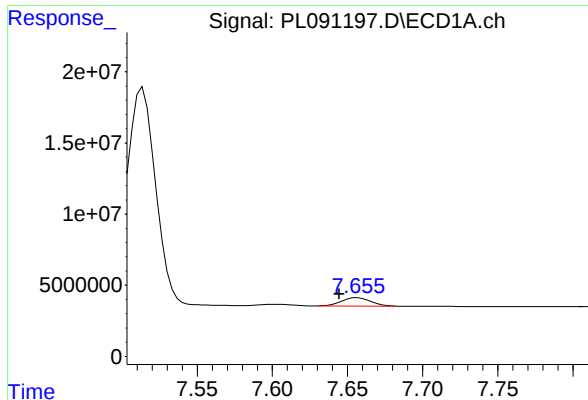
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.013 min
Response: 210191867
Conc: 223.55 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.005 min
Response: 220524801
Conc: 222.08 ng/ml



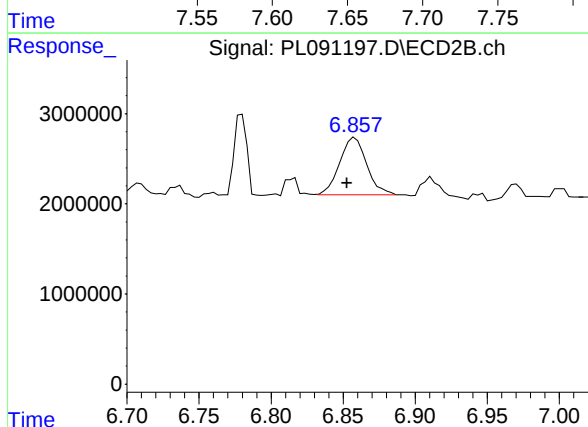
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.011 min
Response: 7828648
Conc: 3.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

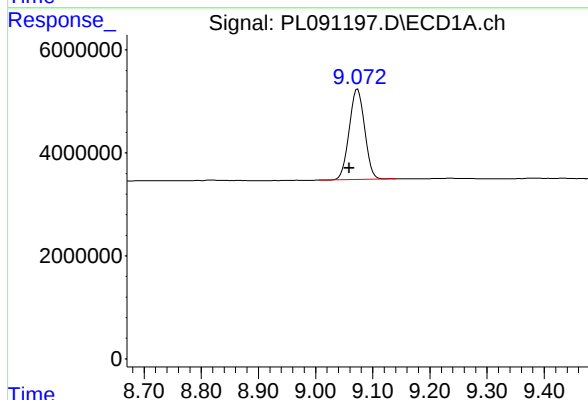
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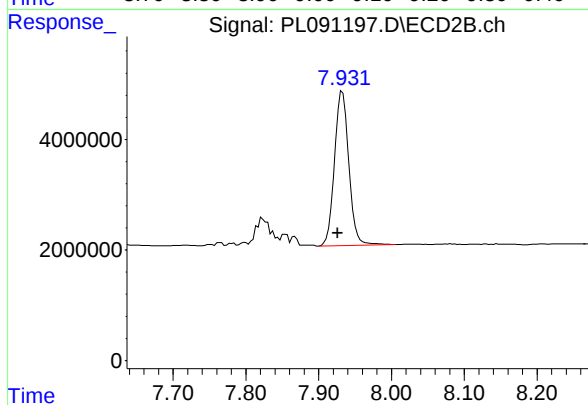
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: 0.004 min
Response: 8241010
Conc: 3.78 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.014 min
Response: 33311273
Conc: 21.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.007 min
Response: 38224138
Conc: 20.18 ng/ml