

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081924\
 Data File : PD084532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2024 16:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 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 05:54:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081924.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 02:28:13 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.583	2.927	18494075	114.2E6	21.775	20.589
28) SA Decachlor...	9.112	8.135	31599959	99779003	18.204	21.623
Target Compounds						
2) A alpha-BHC	4.031	3.439	14861452	94506713	9.972	11.426
3) MA gamma-BHC...	4.362	3.776	15555960	87766513	10.337	11.095
6) B beta-BHC	4.543	4.068	7230177	40122786	11.144	11.327
12) B 4,4'-DDE	6.233	5.428	373164	665933	0.239m	0.096m#
14) MA Endrin	6.607	5.844	65875319	305.3E6	46.336	46.420
16) A 4,4'-DDD	6.736	5.983	1783283	10192995	1.520	1.772
17) MA 4,4'-DDT	7.052	6.239	132.9E6	539.3E6	96.302	90.936
18) B Endrin al...	6.948	6.313	1739305	9619420	1.533	2.159 #
20) A Methoxychlor	7.522	6.811	178.5E6	594.7E6	234.910	198.140
21) B Endrin ke...	7.663	7.049	4127665	23952340	2.572	3.788 #

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

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Acq On : 19 Aug 2024 16:53
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

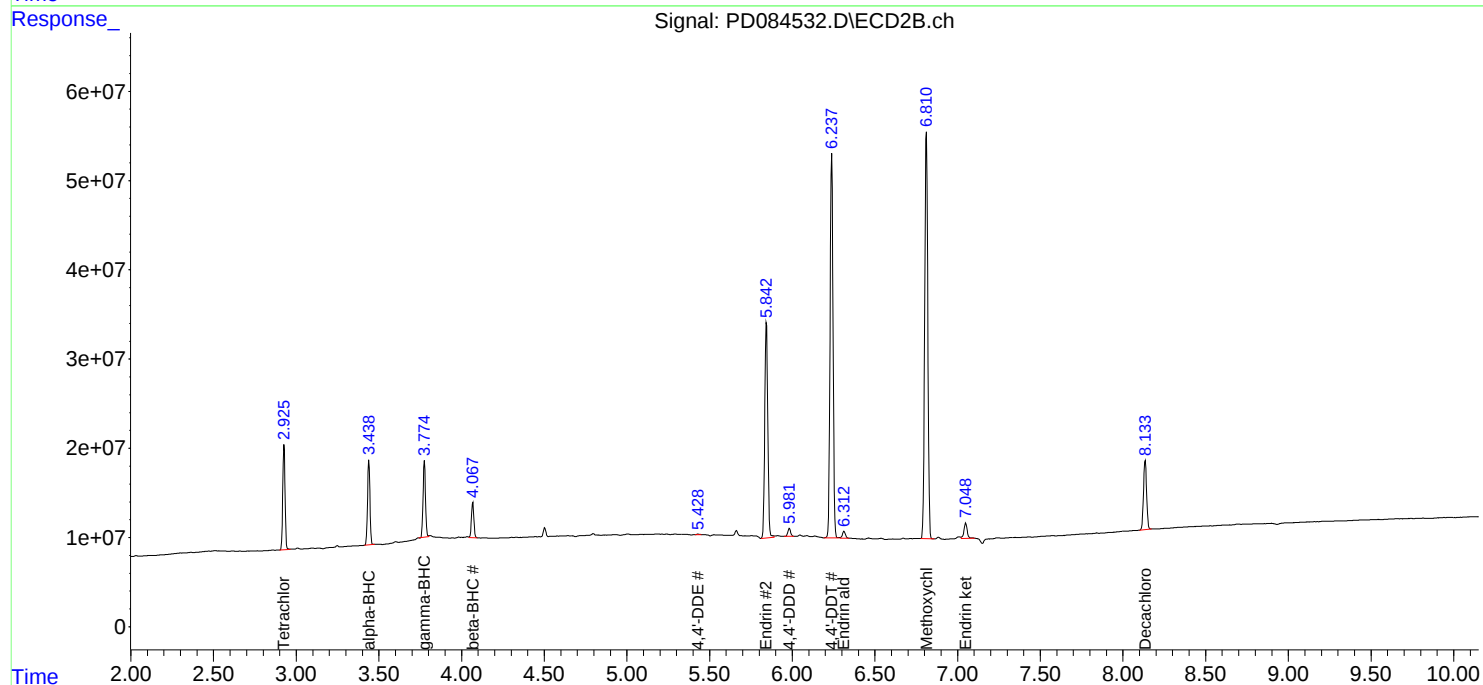
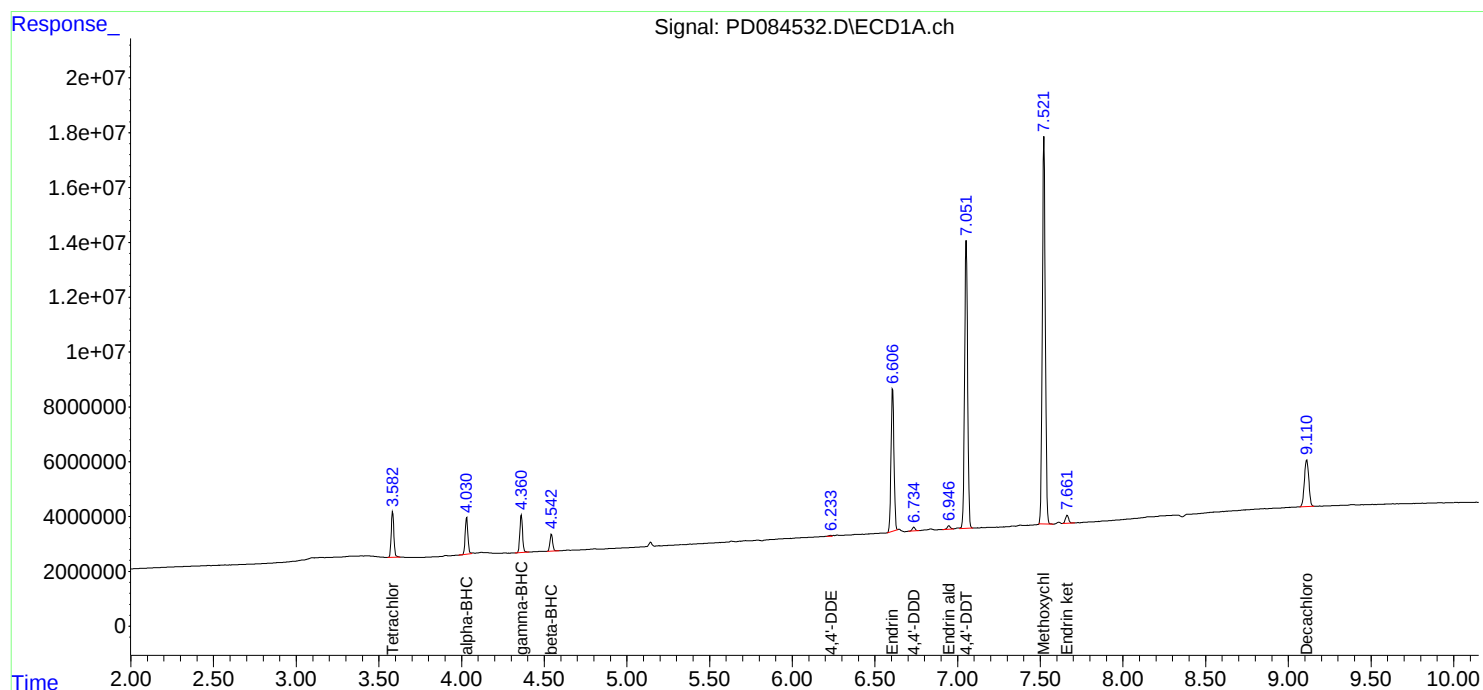
Instrument :
ECD_D
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PEM

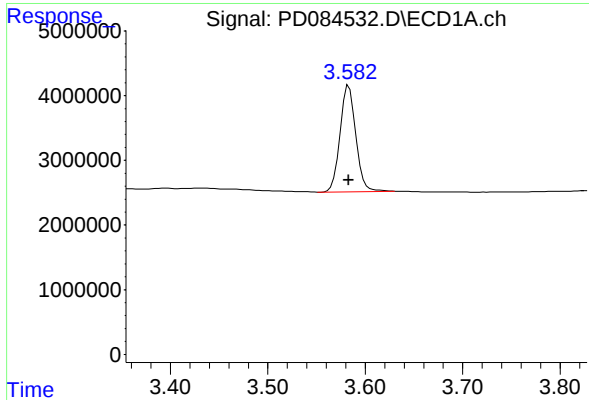
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:54:14 2024
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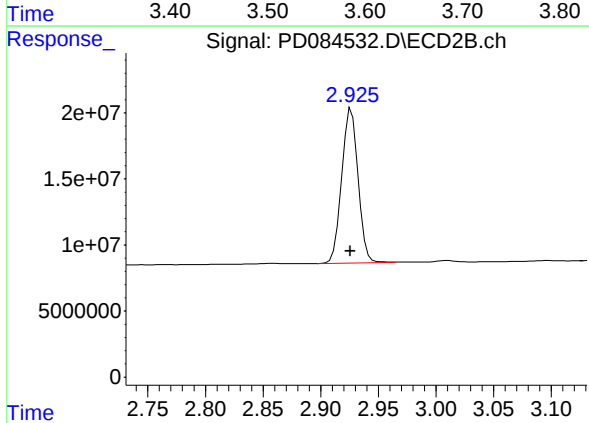
#1 Tetrachloro-m-xylene

R.T.: 3.583 min
Delta R.T.: 0.000 min
Response: 18494075
Conc: 21.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

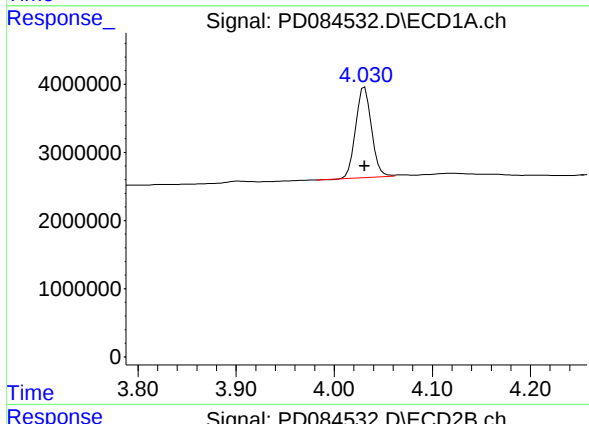
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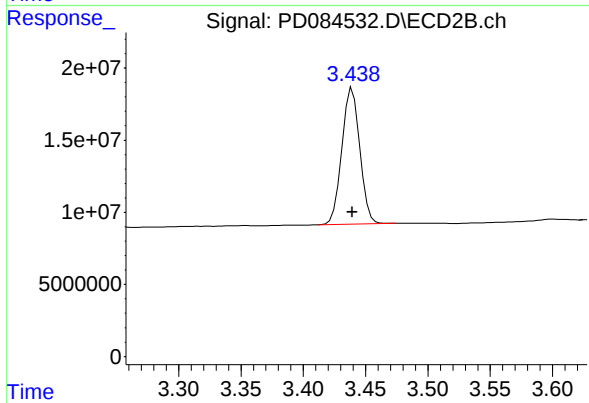
#1 Tetrachloro-m-xylene

R.T.: 2.927 min
Delta R.T.: 0.000 min
Response: 114224999
Conc: 20.59 ng/ml



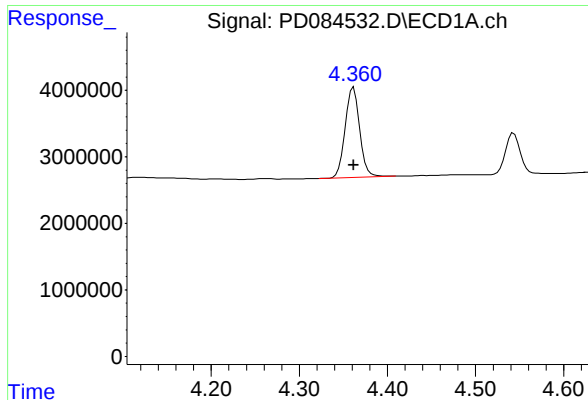
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 14861452
Conc: 9.97 ng/ml



#2 alpha-BHC

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 94506713
Conc: 11.43 ng/ml



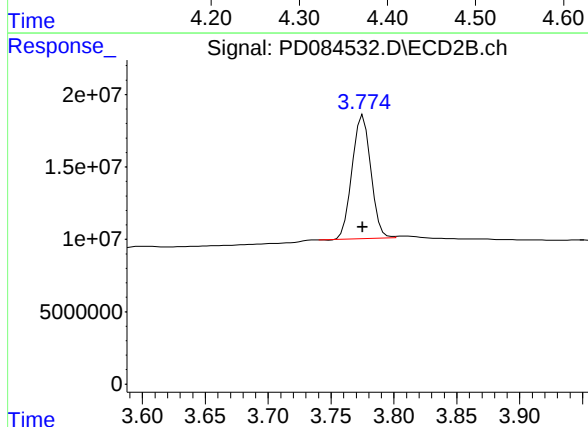
#3 gamma-BHC (Lindane)

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 15555960
Conc: 10.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

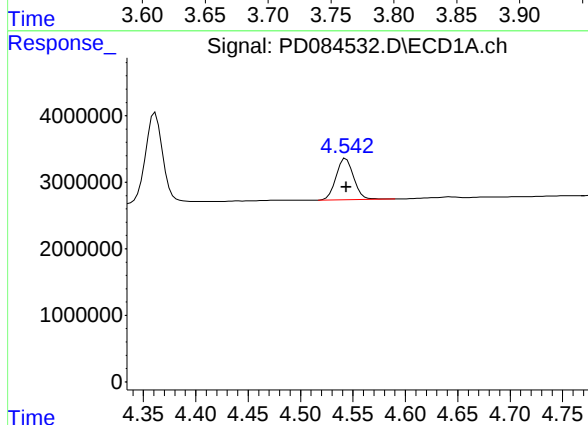
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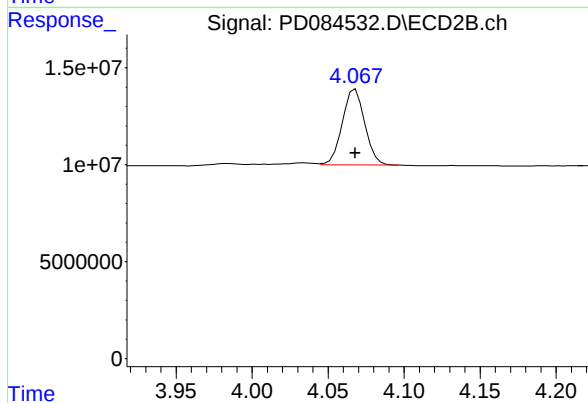
#3 gamma-BHC (Lindane)

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 87766513
Conc: 11.10 ng/ml



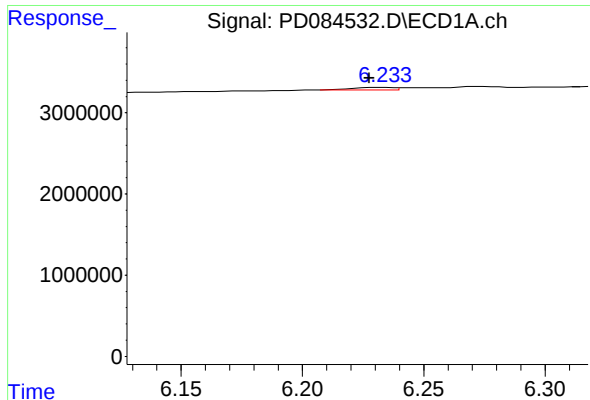
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 7230177
Conc: 11.14 ng/ml



#6 beta-BHC

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 40122786
Conc: 11.33 ng/ml



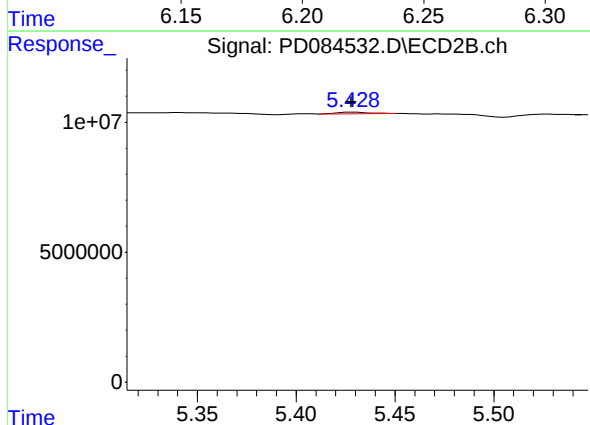
#12 4,4'-DDE

R.T.: 6.233 min
Delta R.T.: 0.005 min
Response: 373164
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

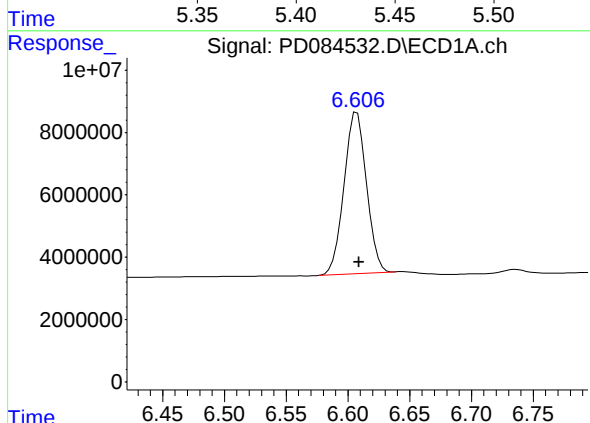
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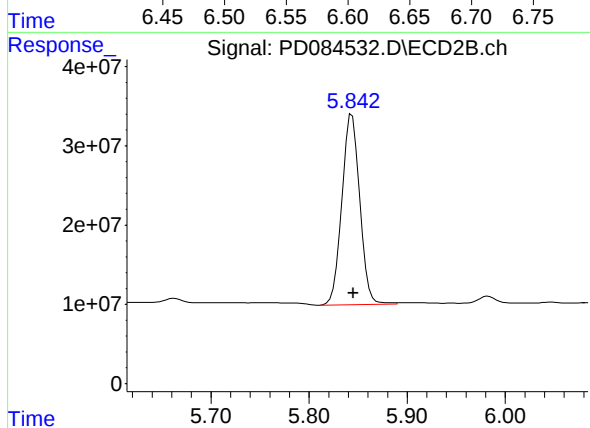
#12 4,4'-DDE

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 665933
Conc: 0.10 ng/ml



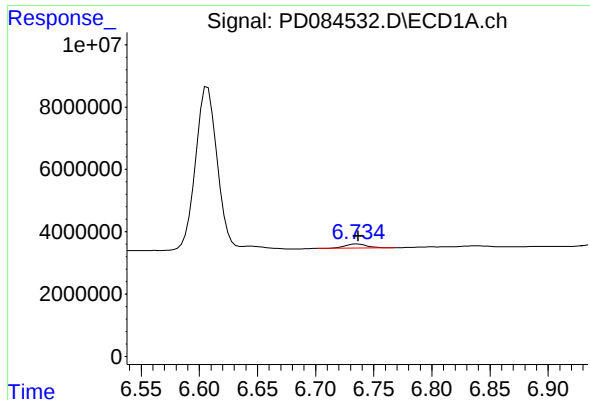
#14 Endrin

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 65875319
Conc: 46.34 ng/ml



#14 Endrin

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 305329615
Conc: 46.42 ng/ml



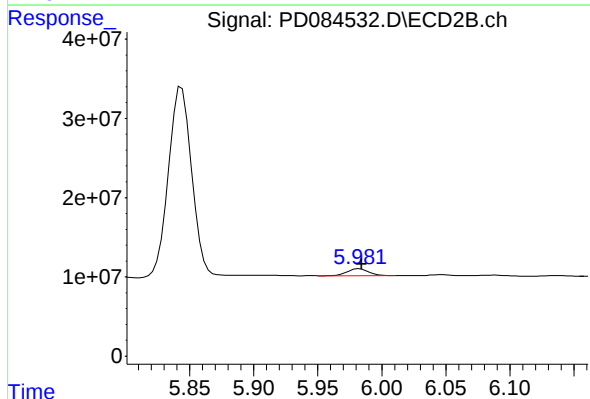
#16 4,4'-DDD

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 1783283
Conc: 1.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

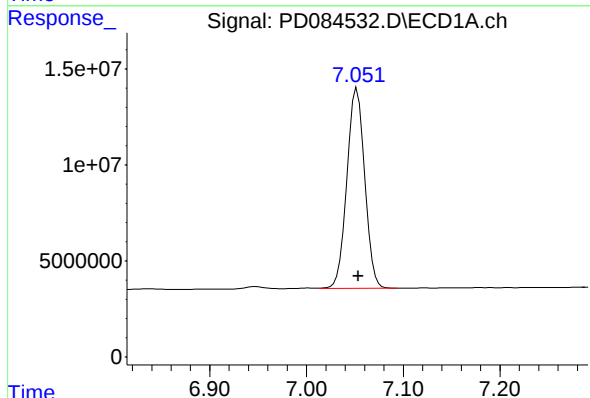
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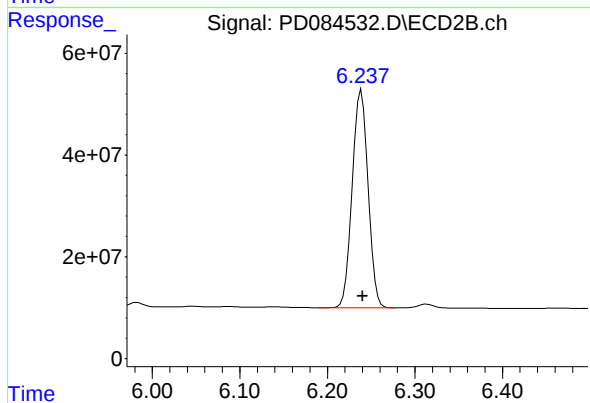
#16 4,4'-DDD

R.T.: 5.983 min
Delta R.T.: -0.002 min
Response: 10192995
Conc: 1.77 ng/ml



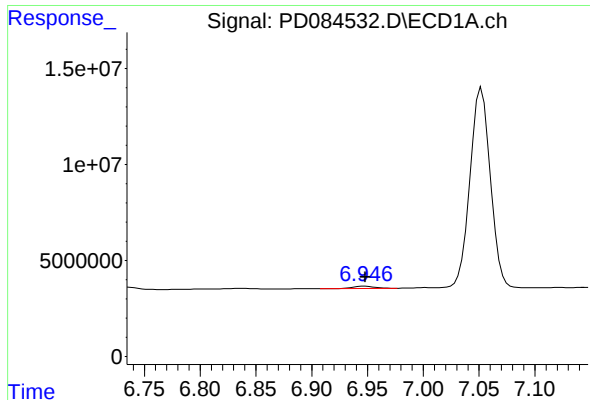
#17 4,4'-DDT

R.T.: 7.052 min
Delta R.T.: -0.001 min
Response: 132869196
Conc: 96.30 ng/ml



#17 4,4'-DDT

R.T.: 6.239 min
Delta R.T.: -0.001 min
Response: 539342829
Conc: 90.94 ng/ml



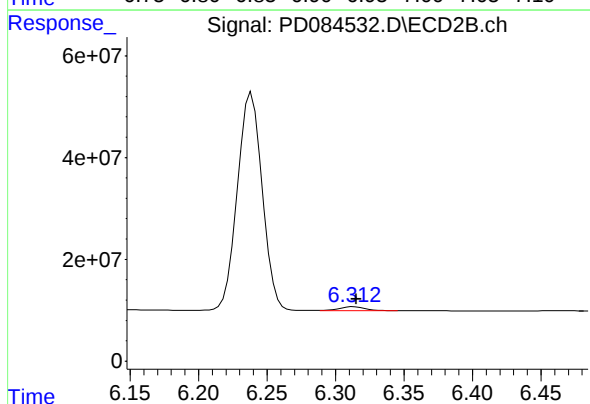
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 1739305
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

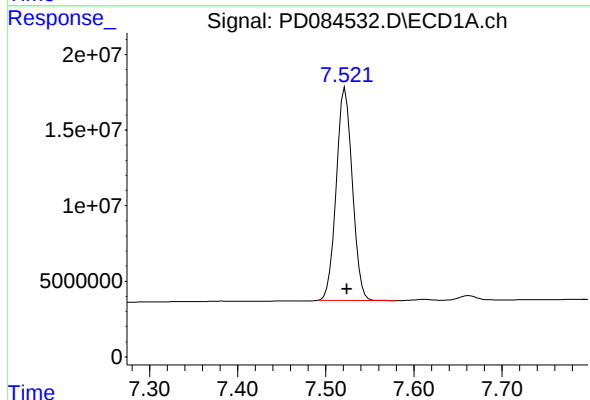
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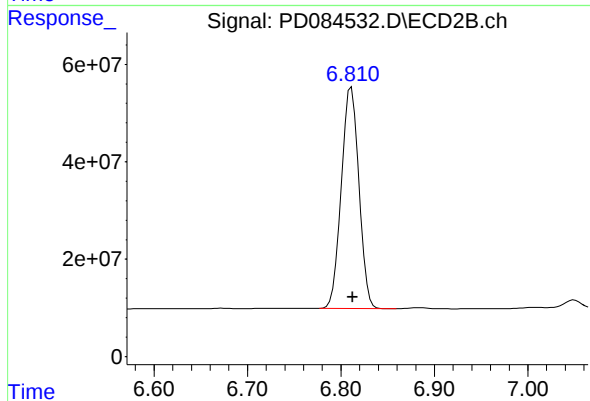
#18 Endrin aldehyde

R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 9619420
Conc: 2.16 ng/ml



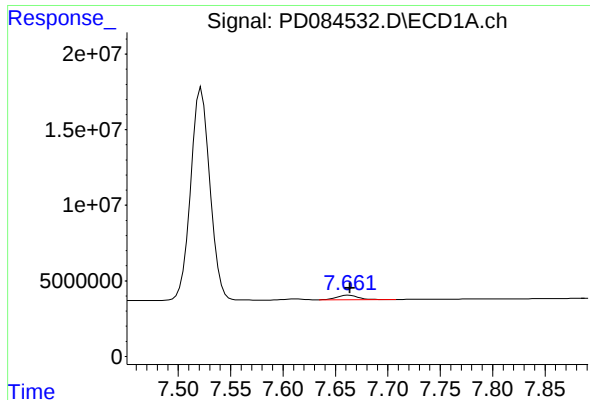
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 178451936
Conc: 234.91 ng/ml



#20 Methoxychlor

R.T.: 6.811 min
Delta R.T.: -0.001 min
Response: 594732322
Conc: 198.14 ng/ml



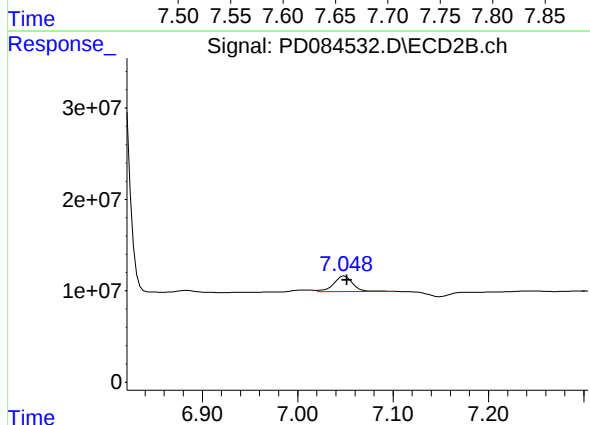
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: -0.001 min
Response: 4127665
Conc: 2.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

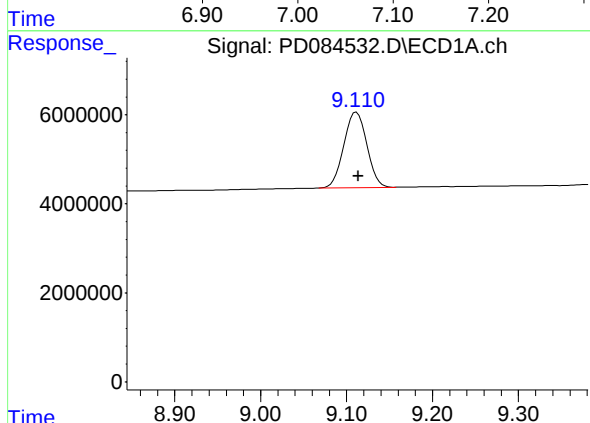
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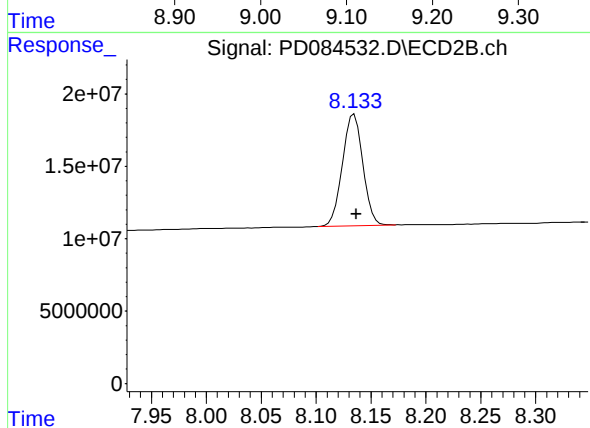
#21 Endrin ketone

R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 23952340
Conc: 3.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.002 min
Response: 31599959
Conc: 18.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 99779003
Conc: 21.62 ng/ml