

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 09:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/05/2024
 Supervised By : Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:48:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.563	2.772	19886709	124.1E6	19.449	21.575
28) SA Decachlor...	9.119	7.895	40802890	132.5E6	17.873	20.627
Target Compounds						
2) A alpha-BHC	4.020	3.270	17454541	95588549	8.886	10.782
3) MA gamma-BHC...	4.354	3.599	17754188	87899776	9.187	10.993
6) B beta-BHC	4.552	3.896	7721665	42048499	9.735	11.951
12) B 4,4'-DDE	6.224	5.218	238418	1843901	0.120m	0.259m#
14) MA Endrin	6.613	5.625	72564657	300.0E6	40.655	45.363
16) A 4,4'-DDD	6.745	5.771	2697376	13162374	1.781	2.376 #
17) MA 4,4'-DDT	7.062	6.022	150.2E6	584.1E6	87.454	101.824
18) B Endrin al...	6.962	6.098	2606452	13480590	1.774	2.686 #
20) A Methoxychlor	7.538	6.596	207.2E6	629.4E6	210.273	213.364
21) B Endrin ke...	7.684	6.825	6143977	28681918	2.975	4.236 #

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

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Acq On : 02 Aug 2024 09:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

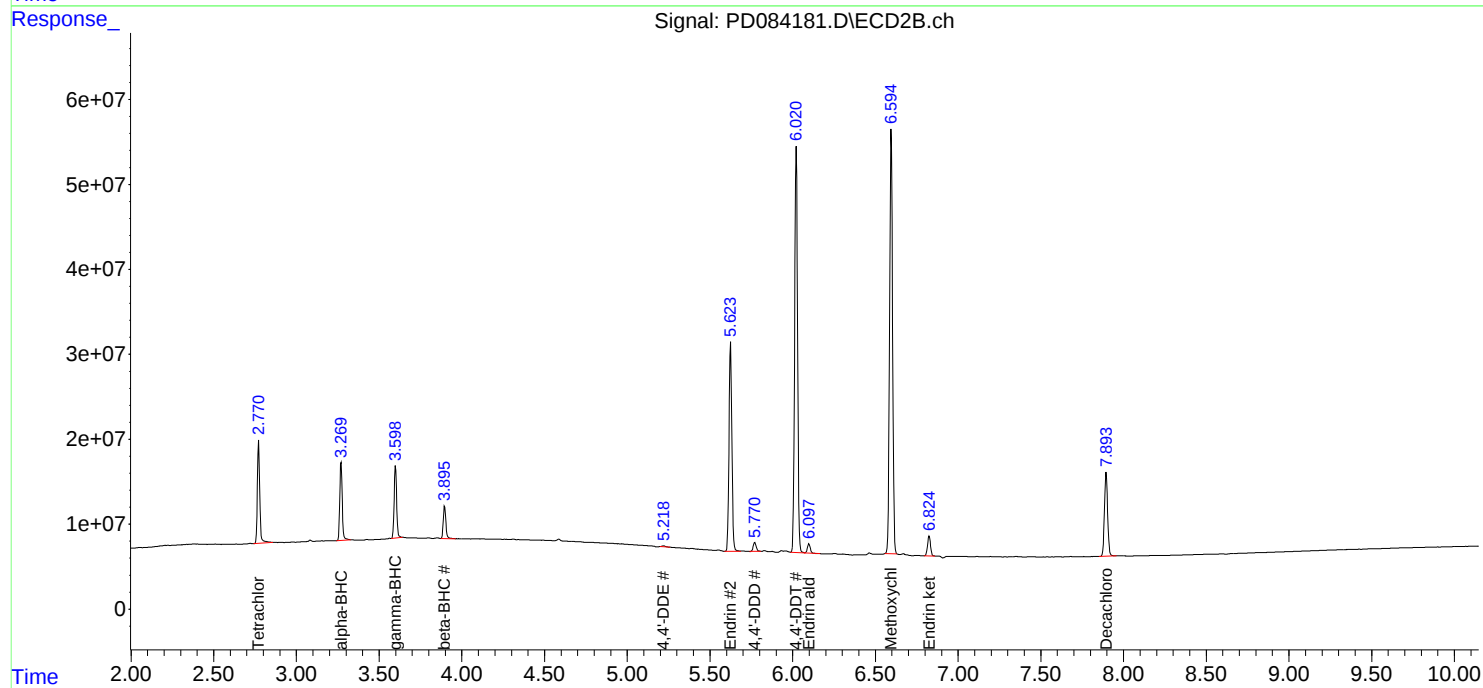
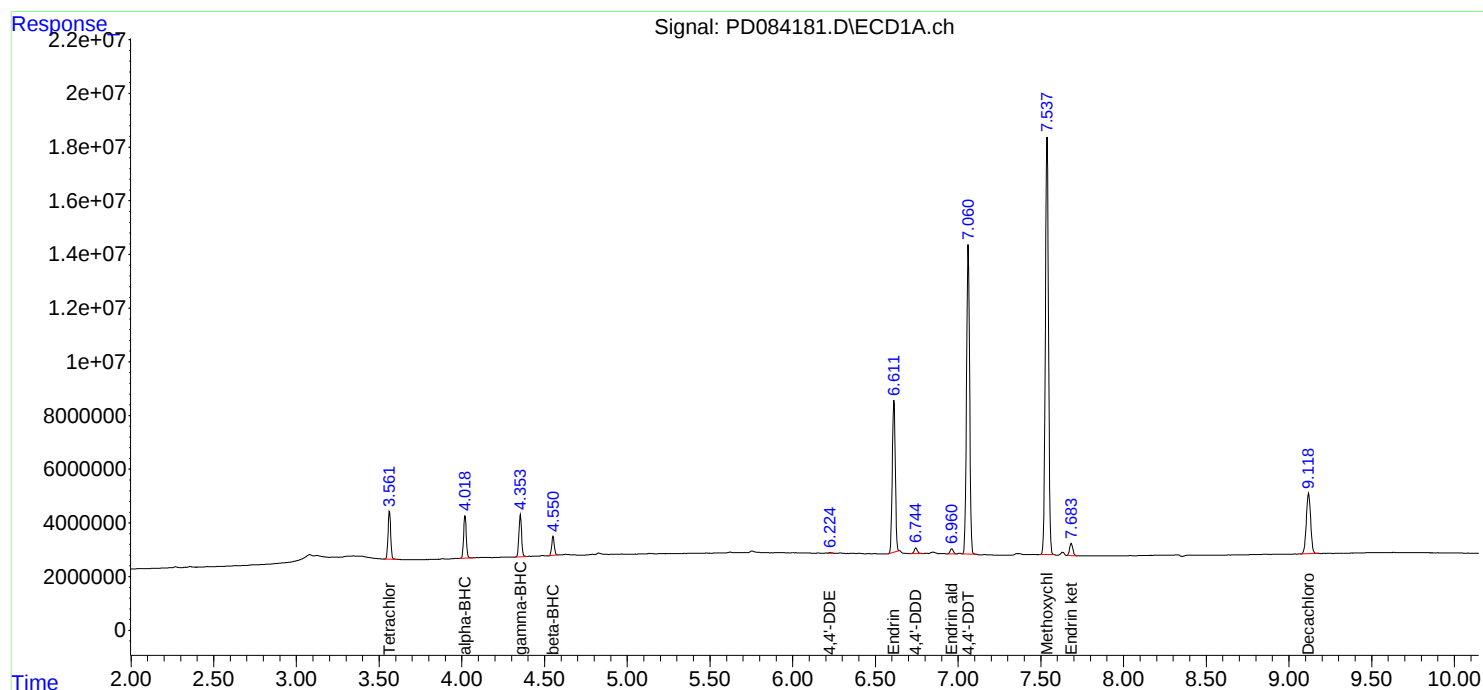
Instrument :
ECD_D
ClientSampleId :
PEM

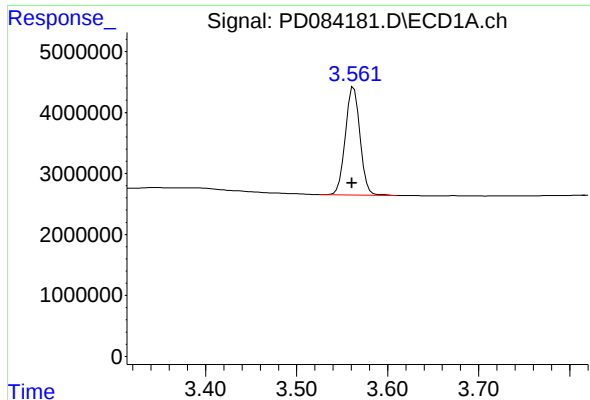
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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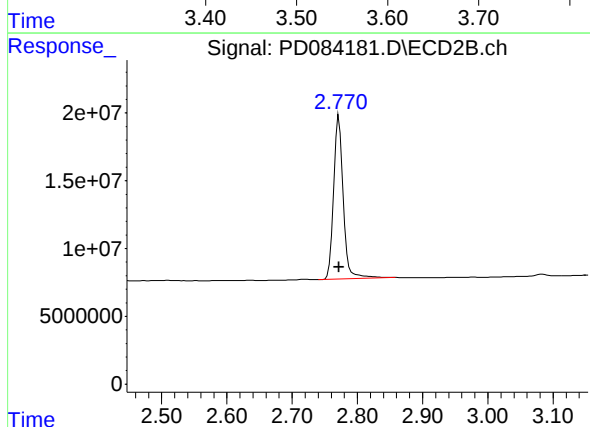
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.002 min
Response: 19886709
Conc: 19.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

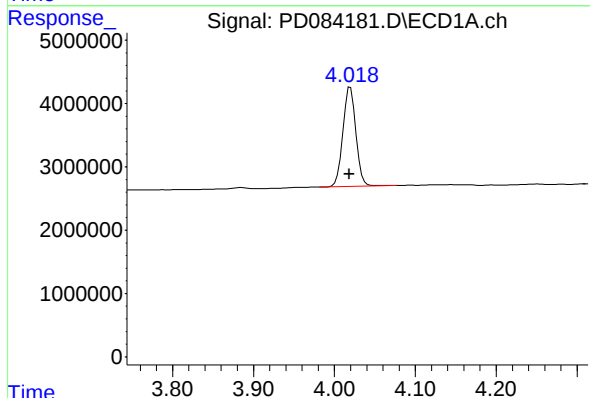
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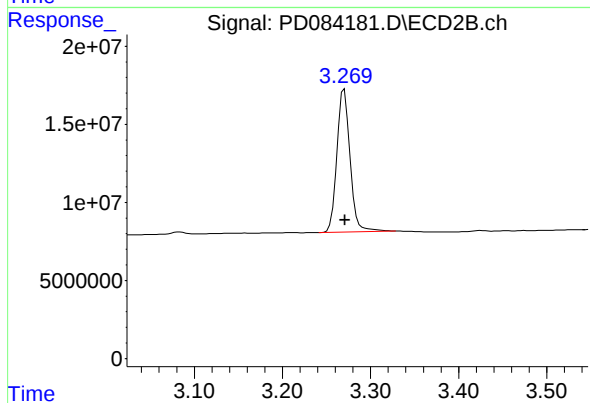
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 124050427
Conc: 21.58 ng/ml



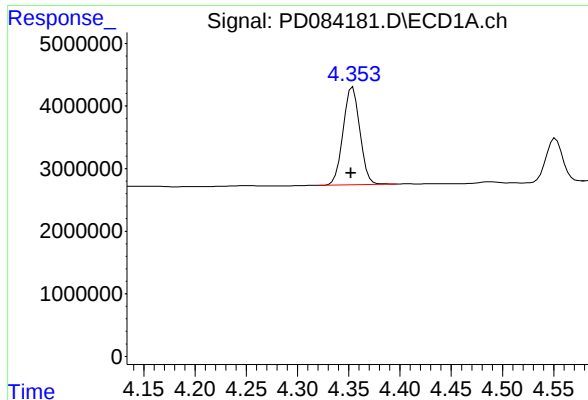
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.002 min
Response: 17454541
Conc: 8.89 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 95588549
Conc: 10.78 ng/ml



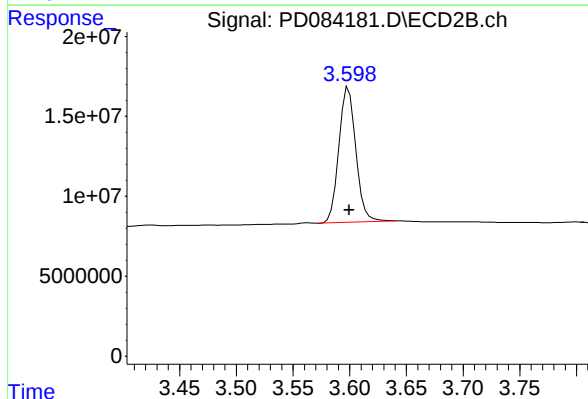
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.002 min
Response: 17754188
Conc: 9.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

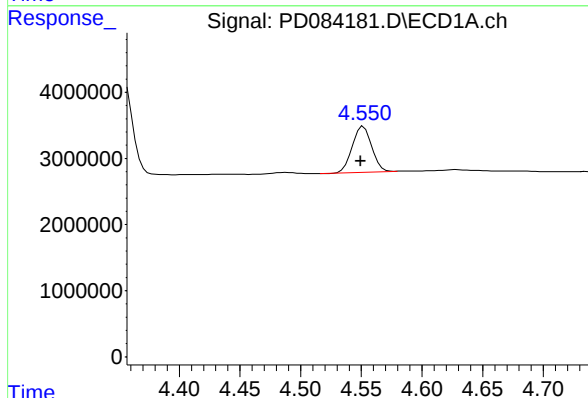
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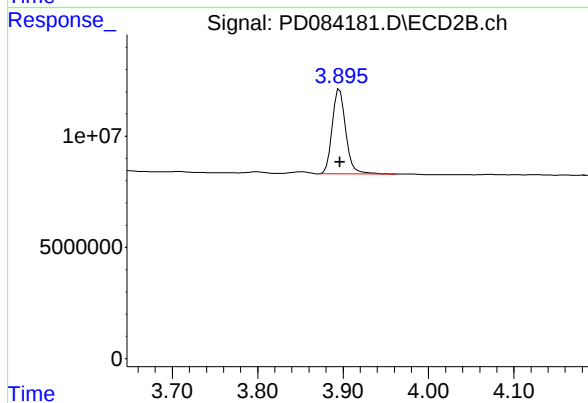
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 87899776
Conc: 10.99 ng/ml



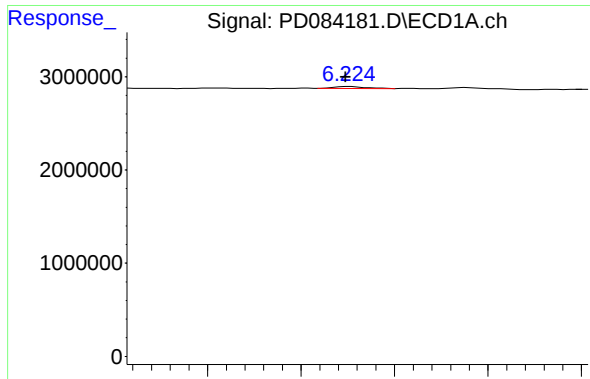
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 7721665
Conc: 9.73 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 42048499
Conc: 11.95 ng/ml



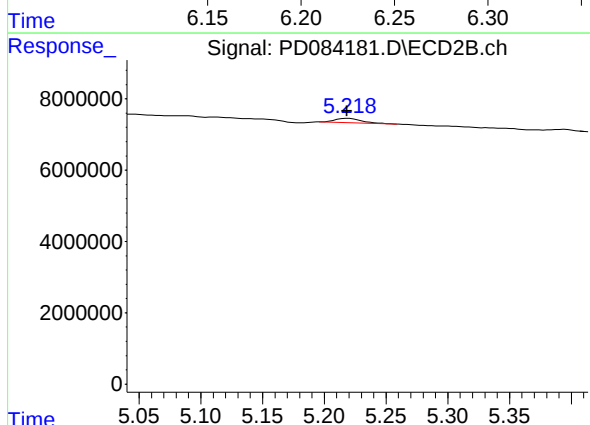
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 238418
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

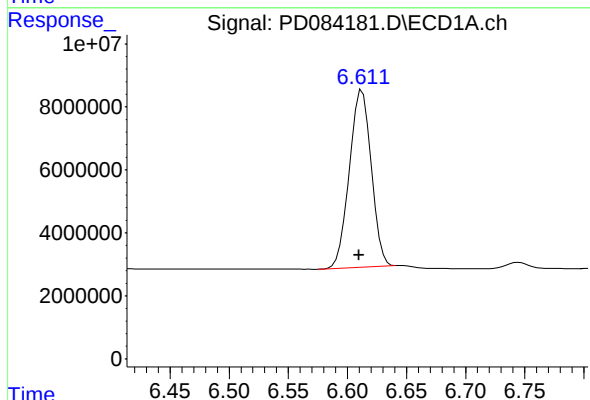
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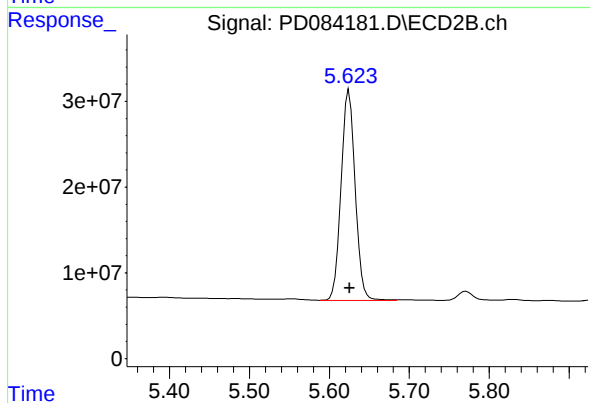
#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 1843901
Conc: 0.26 ng/ml



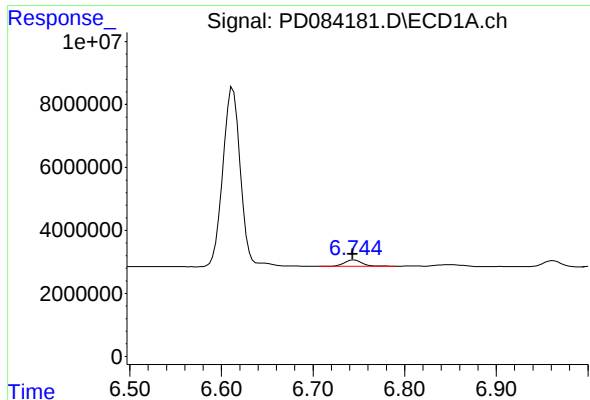
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 72564657
Conc: 40.66 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 299991550
Conc: 45.36 ng/ml



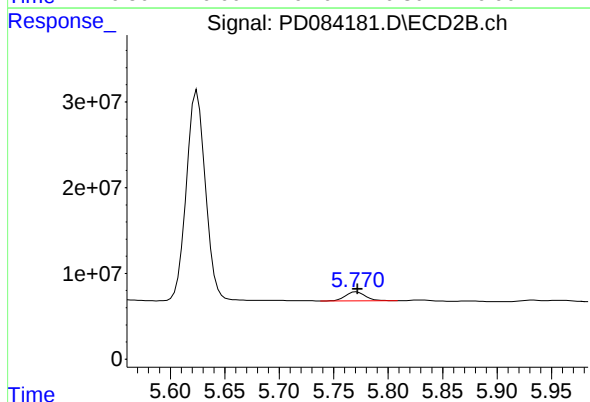
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 2697376
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

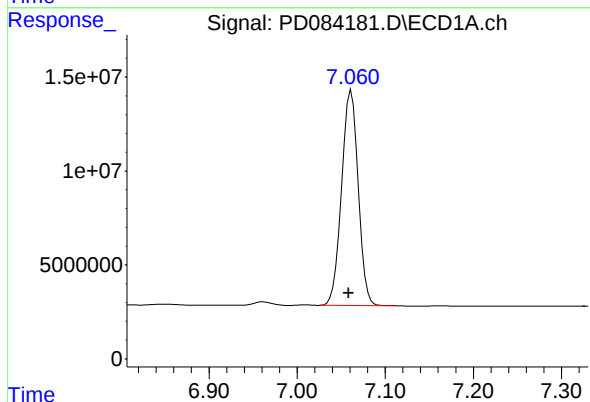
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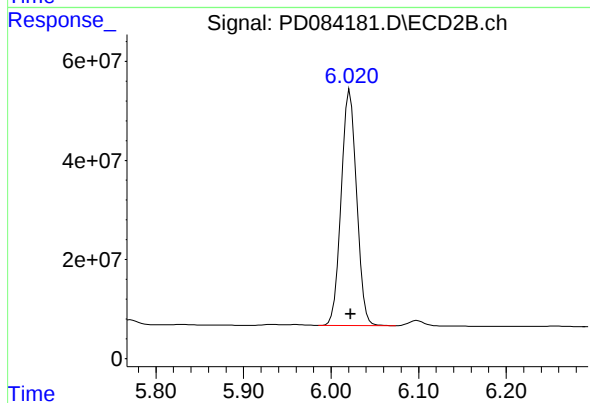
#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 13162374
Conc: 2.38 ng/ml



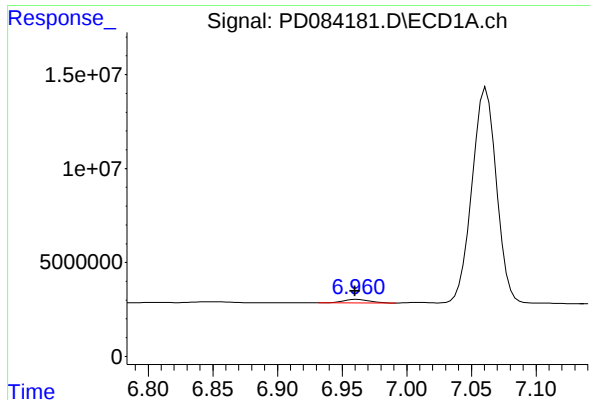
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.003 min
Response: 150201913
Conc: 87.45 ng/ml



#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 584054010
Conc: 101.82 ng/ml



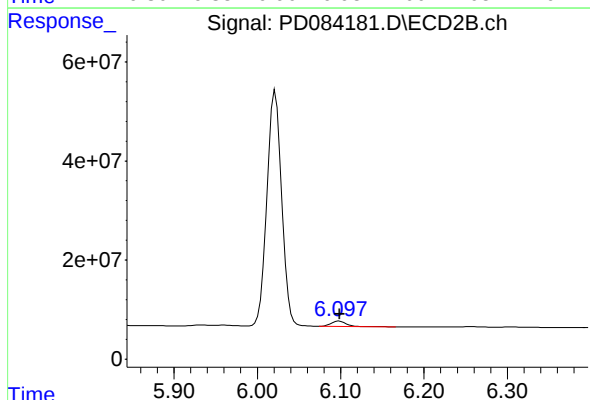
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 2606452
Conc: 1.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

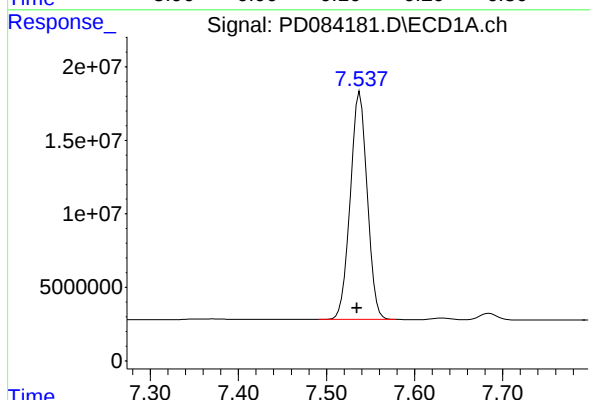
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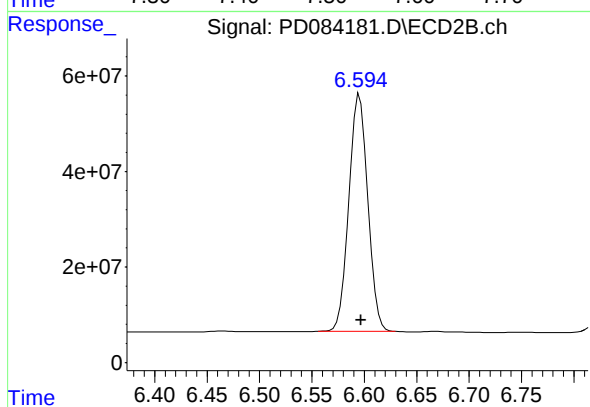
#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 13480590
Conc: 2.69 ng/ml



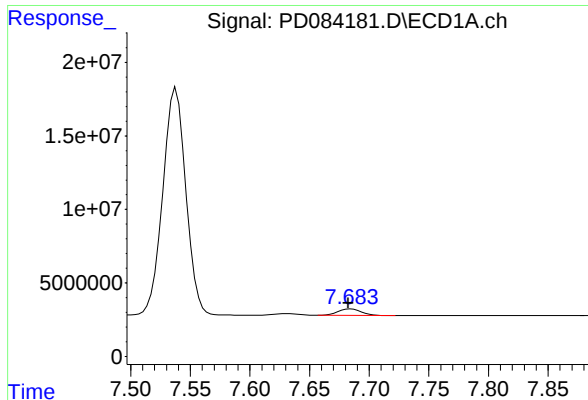
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.004 min
Response: 207186093
Conc: 210.27 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 629382157
Conc: 213.36 ng/ml



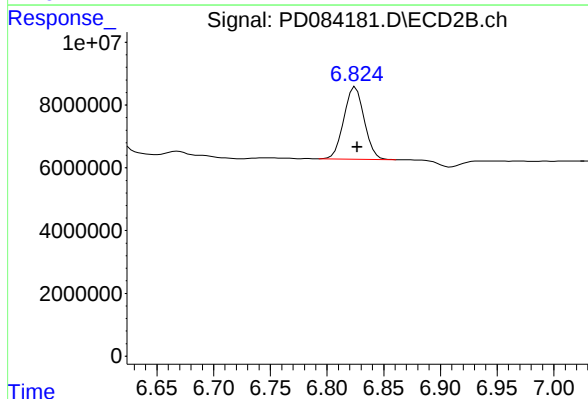
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.002 min
Response: 6143977
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

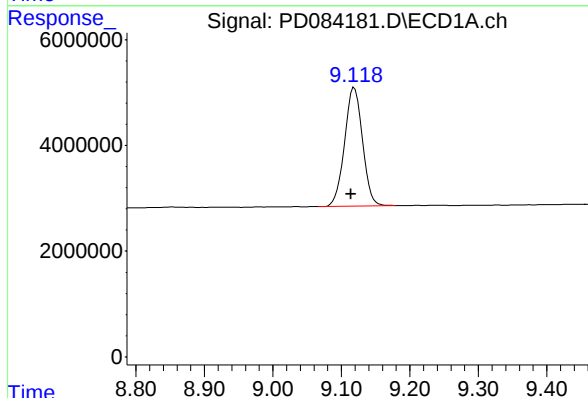
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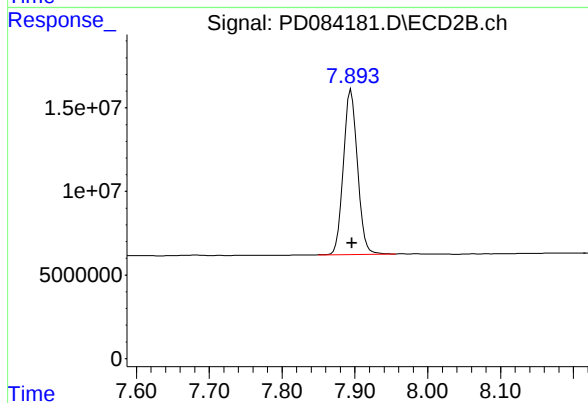
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 28681918
Conc: 4.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.005 min
Response: 40802890
Conc: 17.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.001 min
Response: 132469475
Conc: 20.63 ng/ml