

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041324\
 Data File : PD082393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2024 10:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/15/2024
 Supervised By :Ankita Jodhani 04/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 13:16:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041324.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 12 13:12:57 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 x0.5 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...	3.565	2.776	32562810	74291605	20.114	18.886
28)	SA Decachlor...	9.123	7.912	44301191	68276330	20.600	19.697
Target Compounds							
2)	A alpha-BHC	4.023	3.277	26663319	56066880	9.337	9.474
3)	MA gamma-BHC...	4.357	3.606	25637143	49493728	9.253	8.932
6)	B beta-BHC	4.553	3.902	11242374	22346742	10.206	10.065
12)	B 4,4'-DDE	6.232	5.232	239003	544024	0.104	0.129m
14)	MA Endrin	6.617	5.636	87887058	181.8E6	43.798	45.596
16)	A 4,4'-DDD	6.747	5.784	175179	805371	0.100m	0.235m#
17)	MA 4,4'-DDT	7.065	6.035	180.8E6	355.3E6	95.405	101.280
18)	B Endrin al...	6.965	6.111	2050238	4762210	1.308	1.664 #
20)	A Methoxychlor	7.540	6.610	233.4E6	436.3E6	222.273	229.534
21)	B Endrin ke...	7.688	6.838	3943232	8351629	1.858	2.000

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

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Acq On : 12 Apr 2024 10:14
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

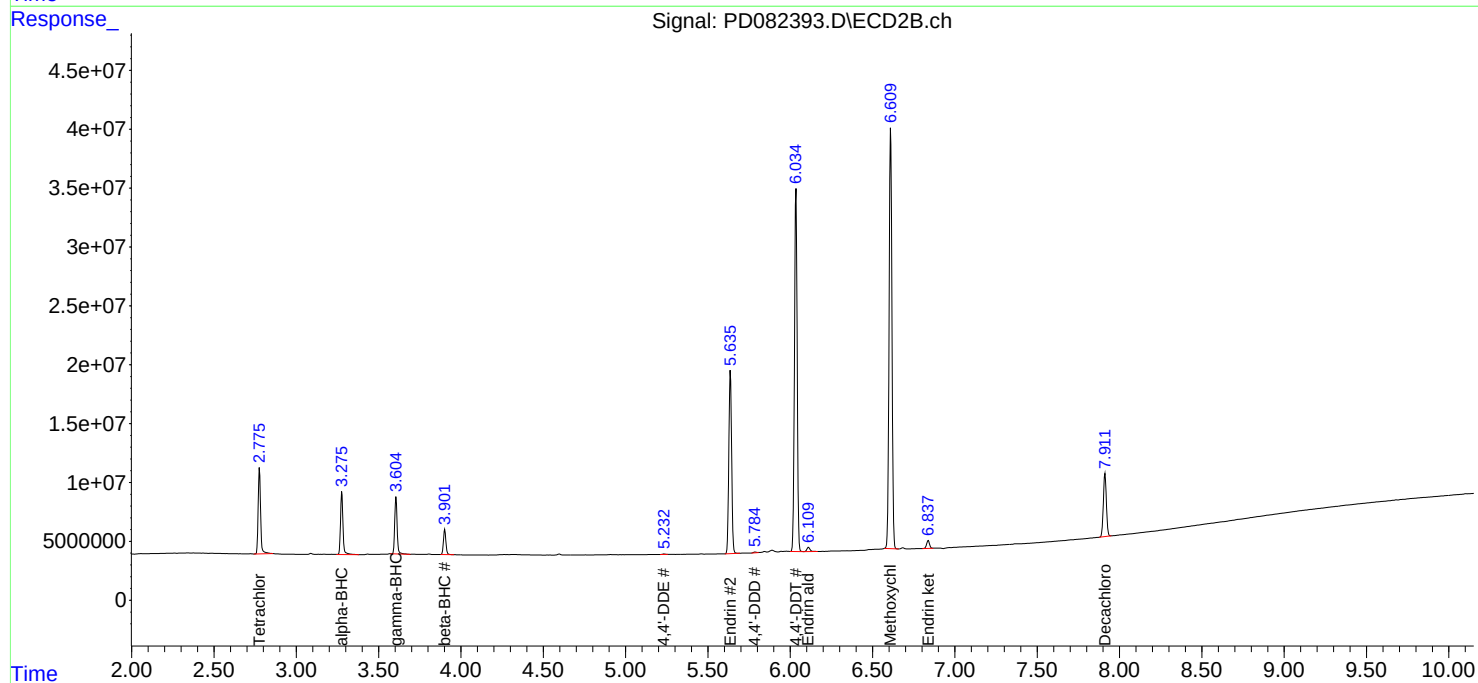
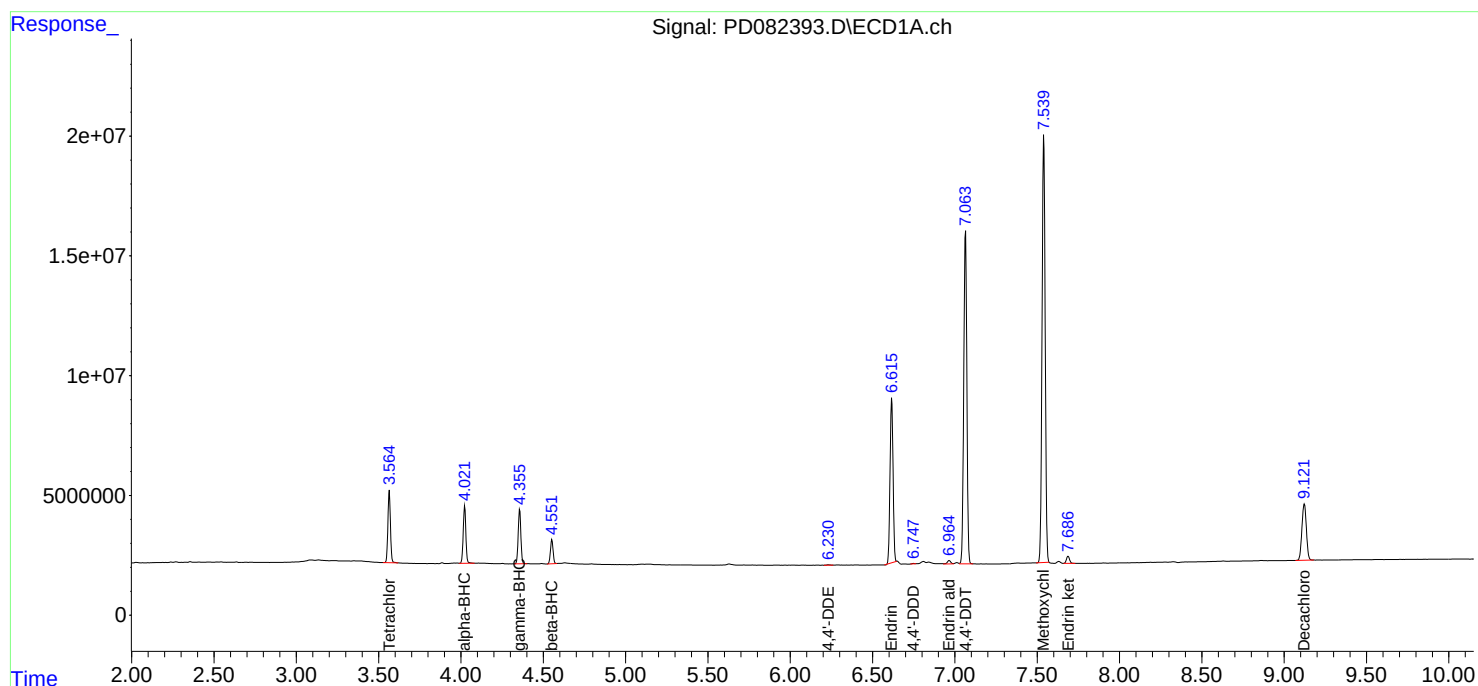
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ECD_D
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PEM

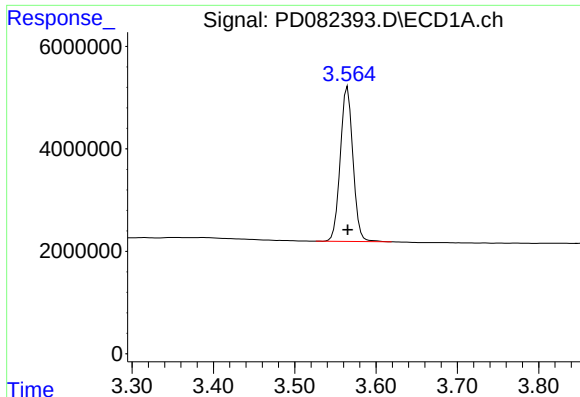
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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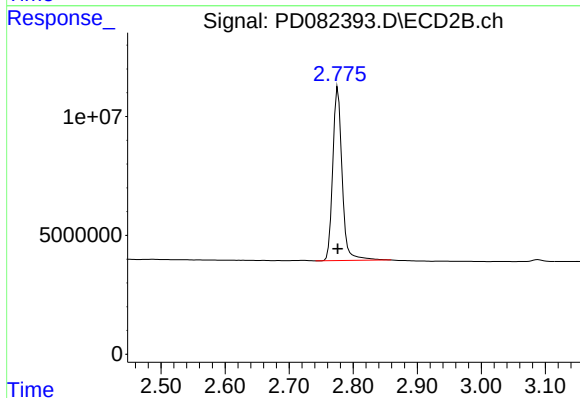
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 32562810
Conc: 20.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

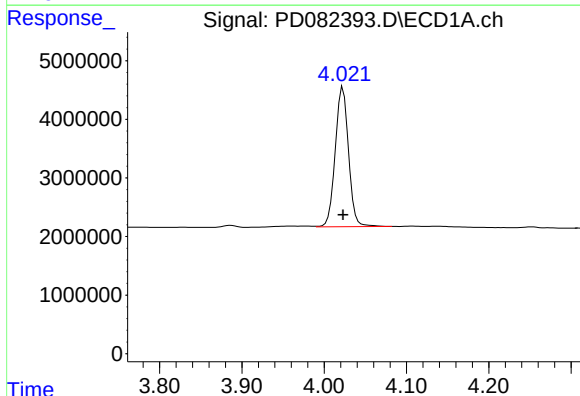
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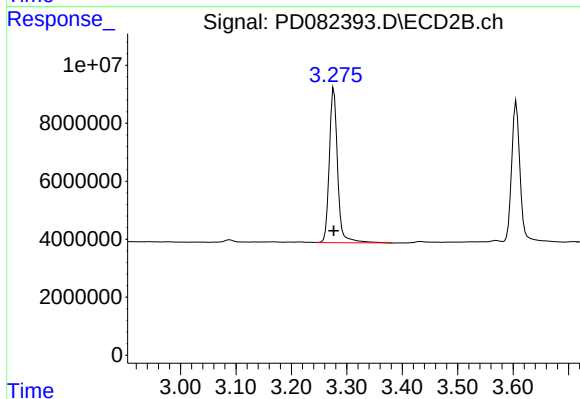
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 74291605
Conc: 18.89 ng/ml



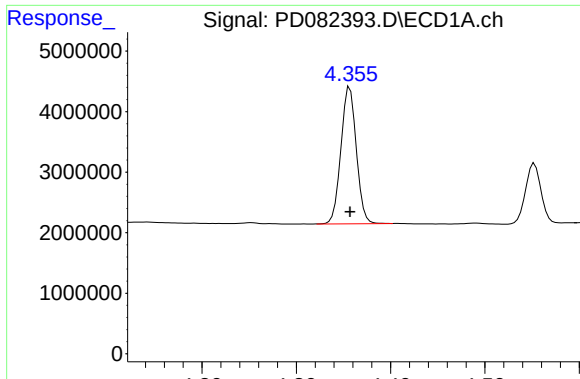
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 26663319
Conc: 9.34 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 56066880
Conc: 9.47 ng/ml



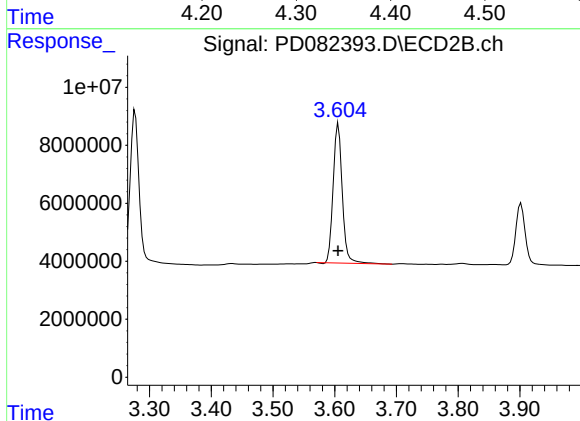
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 25637143
Conc: 9.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

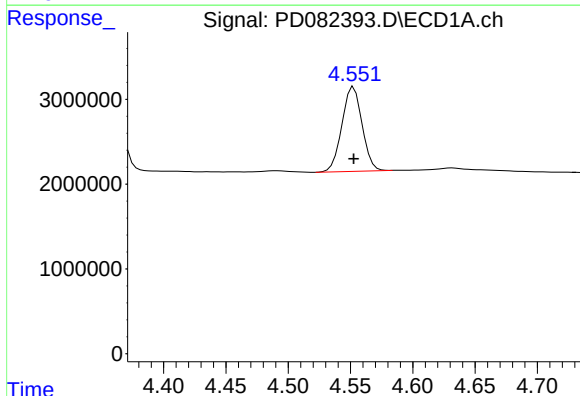
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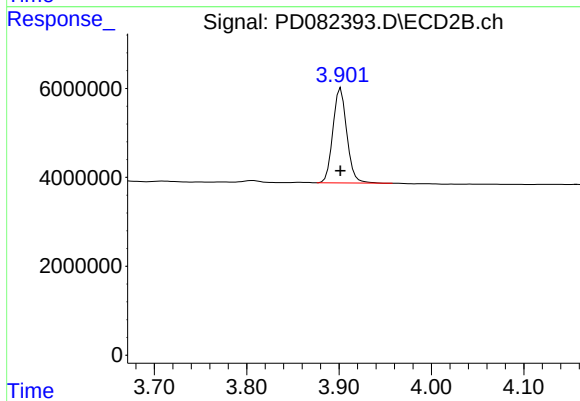
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 49493728
Conc: 8.93 ng/ml



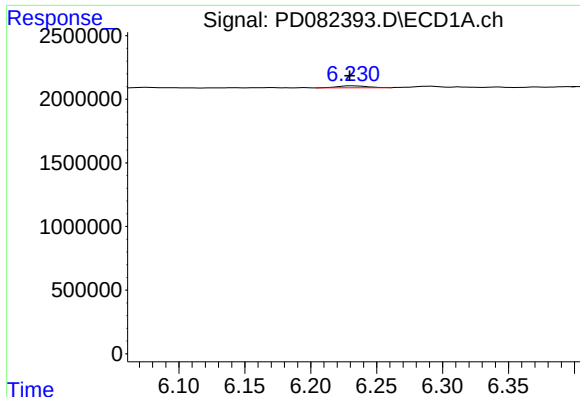
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 11242374
Conc: 10.21 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 22346742
Conc: 10.07 ng/ml



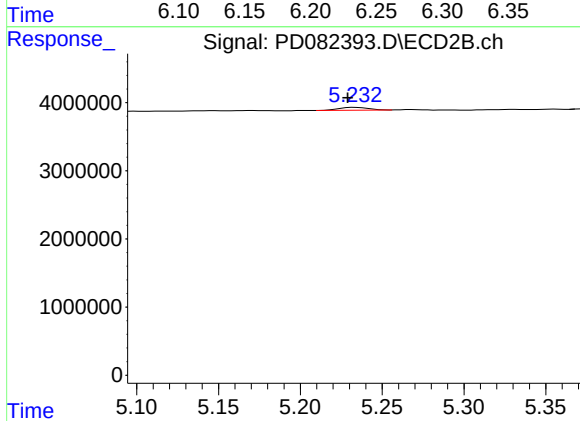
#12 4,4'-DDE

R.T.: 6.232 min
Delta R.T.: 0.002 min
Response: 239003
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#12 4,4'-DDE

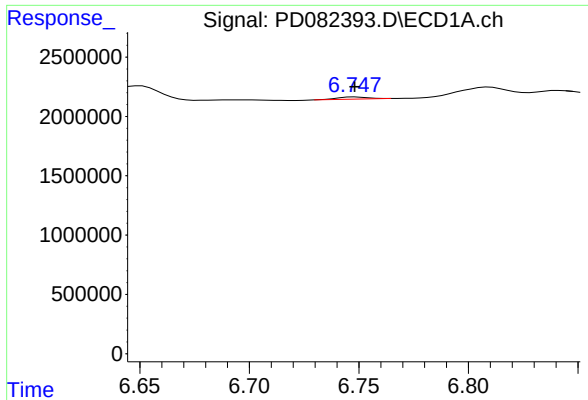
R.T.: 5.232 min
Delta R.T.: 0.003 min
Response: 544024
Conc: 0.13 ng/ml m

#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 87887058
Conc: 43.80 ng/ml

#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 181828107
Conc: 45.60 ng/ml



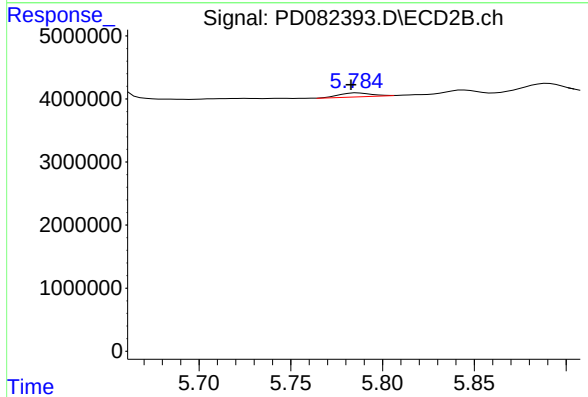
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 175179
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

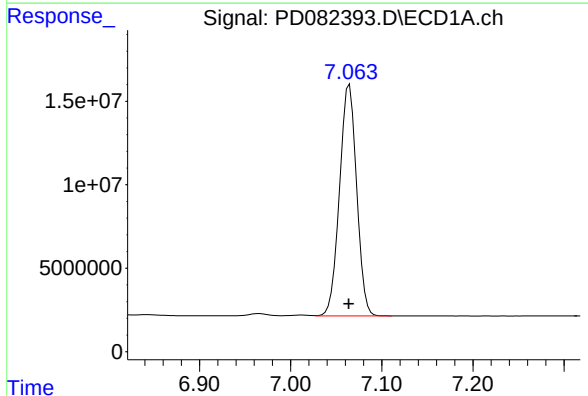
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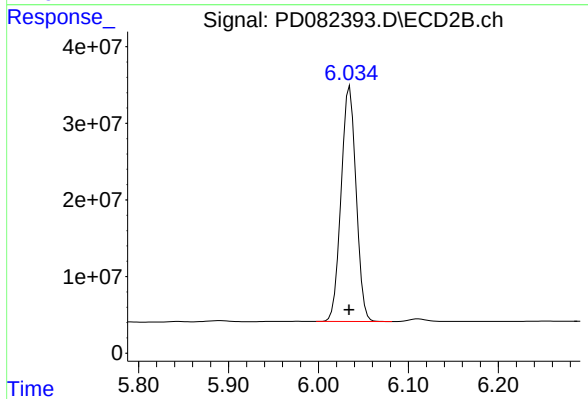
#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.001 min
Response: 805371
Conc: 0.23 ng/ml m



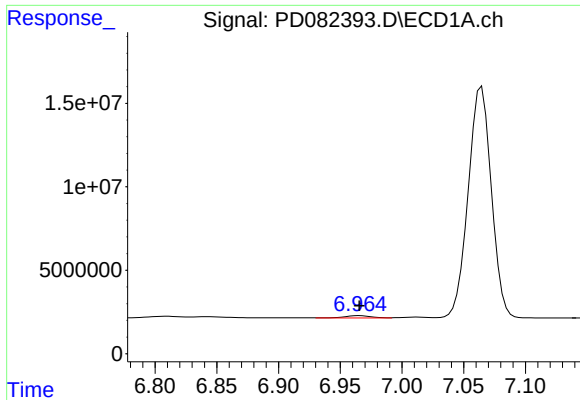
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 180812141
Conc: 95.40 ng/ml



#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 355313907
Conc: 101.28 ng/ml



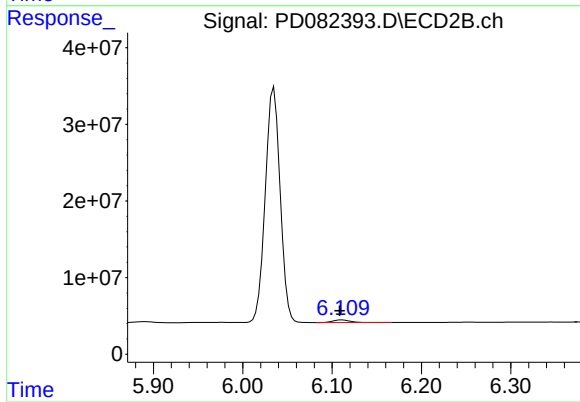
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 2050238
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

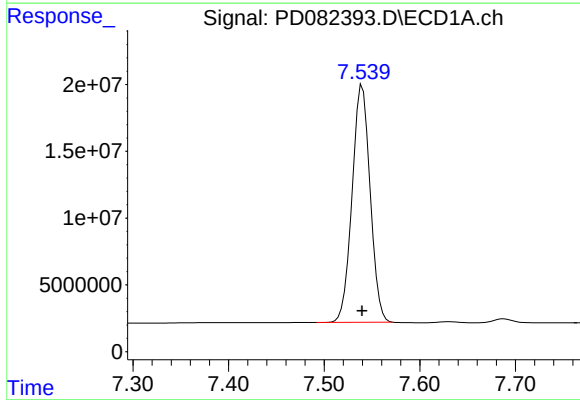
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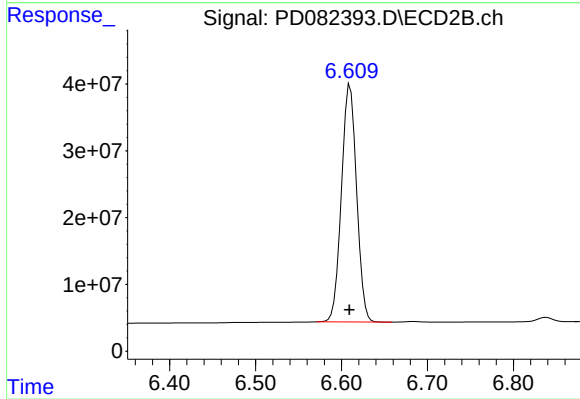
#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 4762210
Conc: 1.66 ng/ml



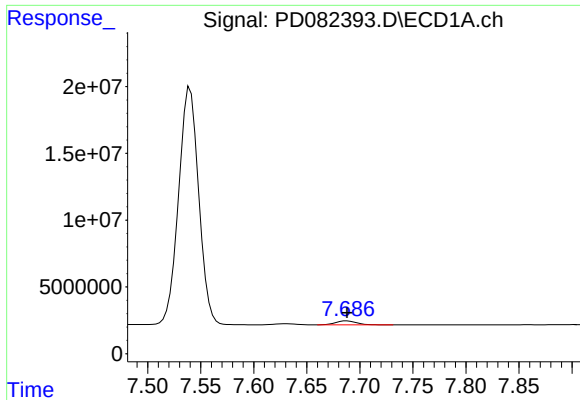
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 233358029
Conc: 222.27 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 436311950
Conc: 229.53 ng/ml



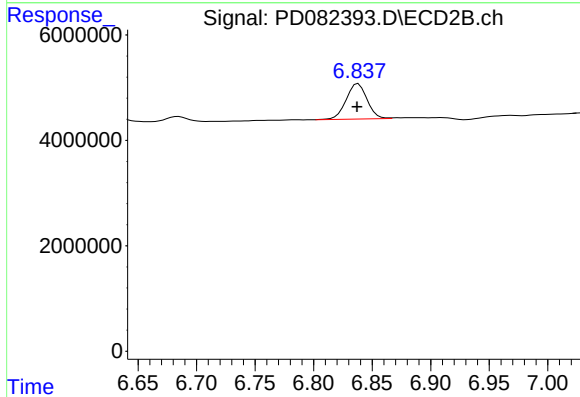
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 3943232
Conc: 1.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
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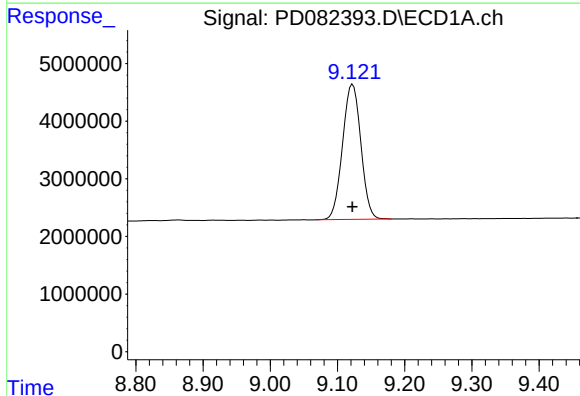
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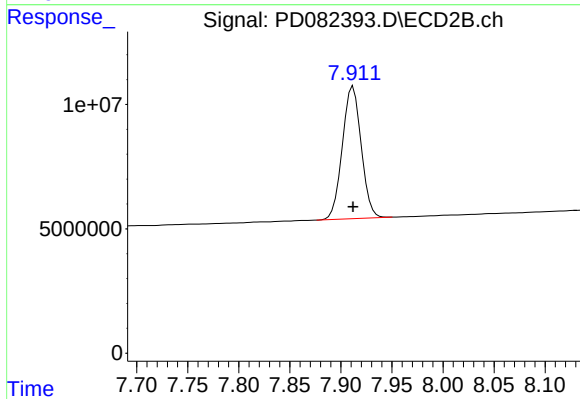
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 8351629
Conc: 2.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 44301191
Conc: 20.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 68276330
Conc: 19.70 ng/ml