

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
 Data File : PD081344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2024 17:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/14/2024
 Supervised By :Ankita Jodhani 02/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 01:35:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 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	2.794	32403079	56090184	22.826	23.448
28)	SA Decachlor...	9.116	7.934	44114720	60577067	21.921	22.742
Target Compounds							
2)	A alpha-BHC	4.022	3.295	25985528	43659919	10.462	11.378
3)	MA gamma-BHC...	4.356	3.625	25519146	41018798	10.426	10.971
6)	B beta-BHC	4.551	3.920	11932021	19361055	11.792	12.390
12)	B 4,4'-DDE	6.227	5.252	226559	586124	0.111	0.191m#
14)	MA Endrin	6.613	5.658	83856669	157.8E6	44.897	53.242
16)	A 4,4'-DDD	6.743	5.806	2153620	4191055	1.311m	1.596
17)	MA 4,4'-DDT	7.060	6.056	197.4E6	299.8E6	110.829	113.003
18)	B Endrin al...	6.962	6.131	3526701	6527894	2.318	2.895
20)	A Methoxychlor	7.535	6.630	248.0E6	371.1E6	240.970	237.093
21)	B Endrin ke...	7.683	6.859	7112333	12688388	3.401	3.932

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

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Acq On : 13 Feb 2024 17:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

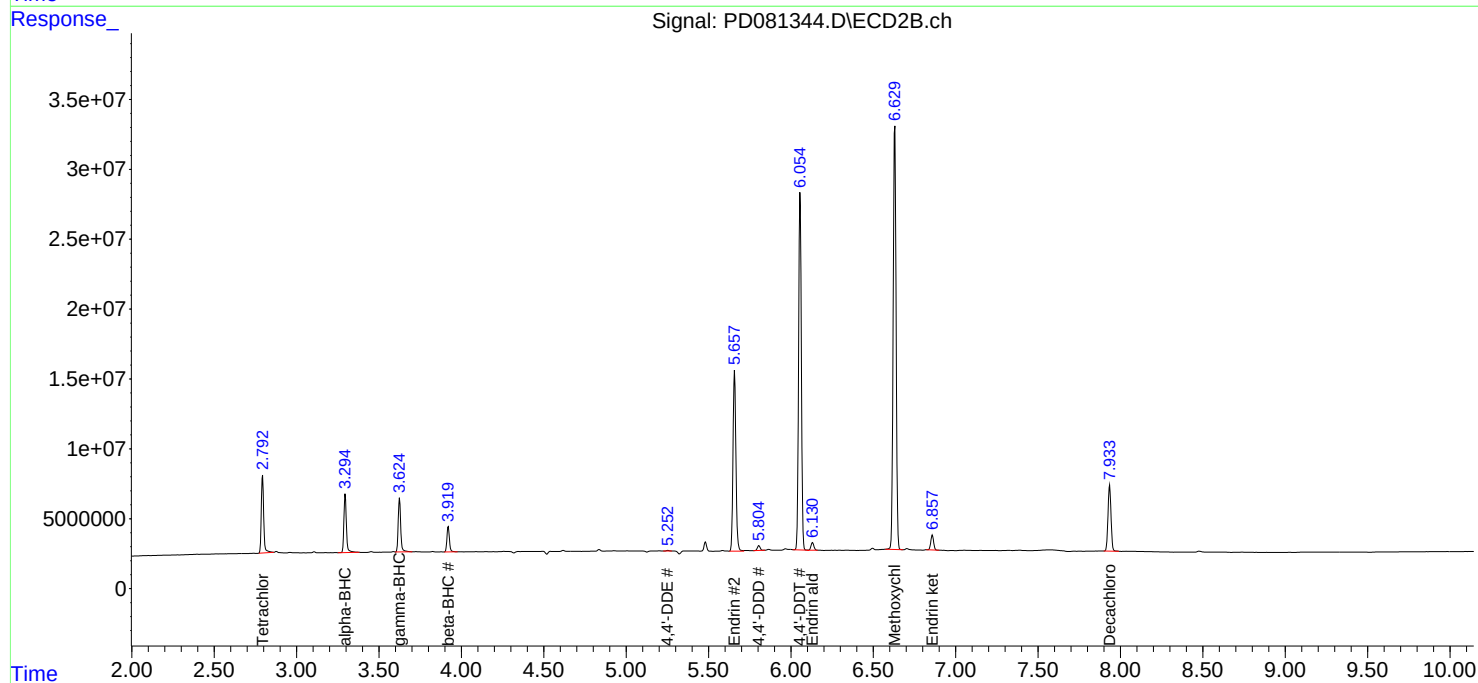
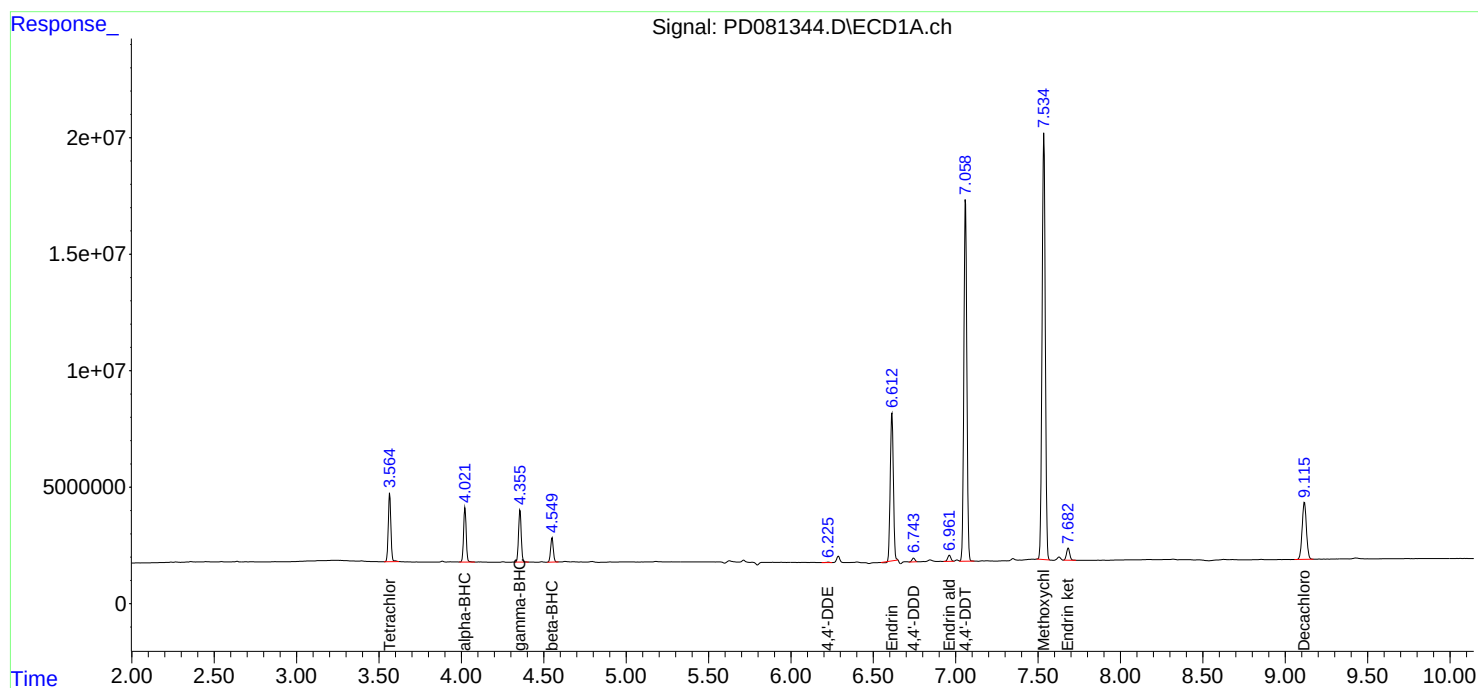
Instrument :
ECD_D
ClientSampleId :
PEM

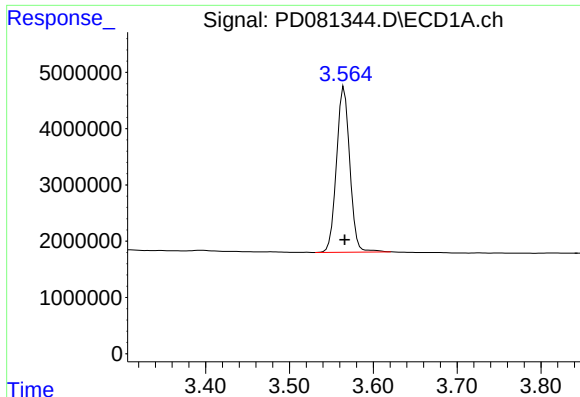
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Integration File signal 1: autoint1.e
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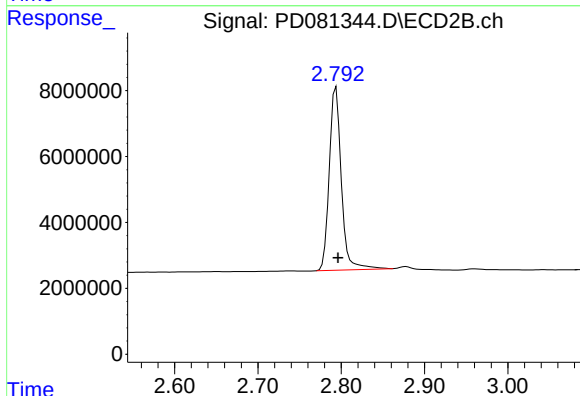
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 32403079
Conc: 22.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

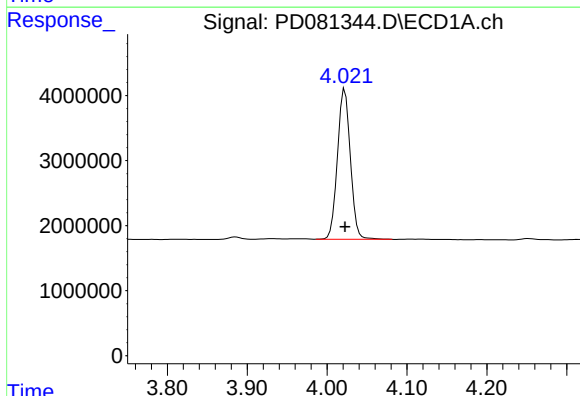
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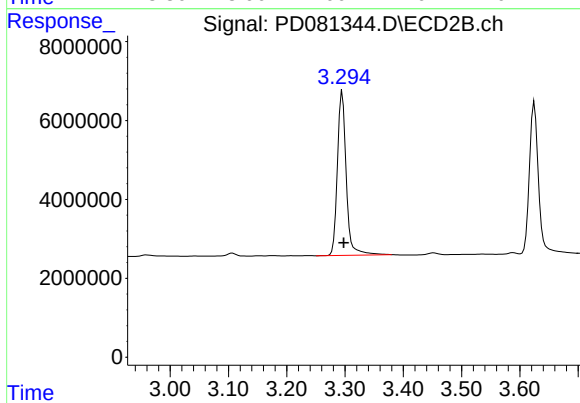
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 56090184
Conc: 23.45 ng/ml



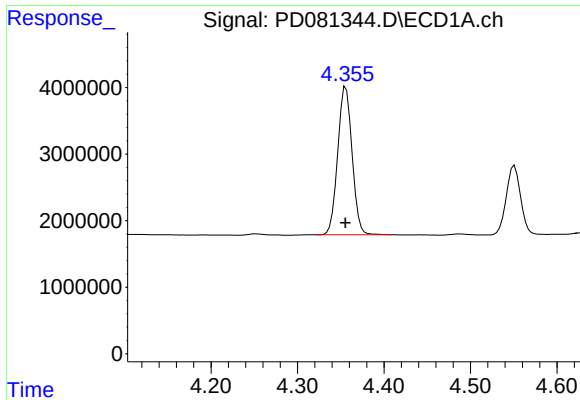
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 25985528
Conc: 10.46 ng/ml



#2 alpha-BHC

R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 43659919
Conc: 11.38 ng/ml



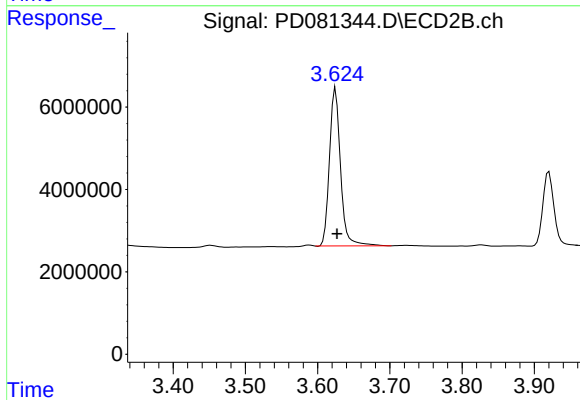
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 25519146
Conc: 10.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

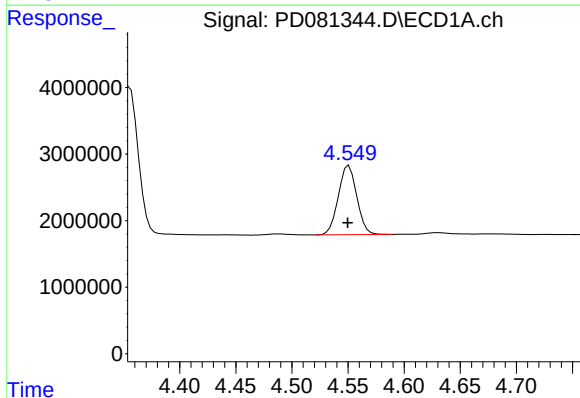
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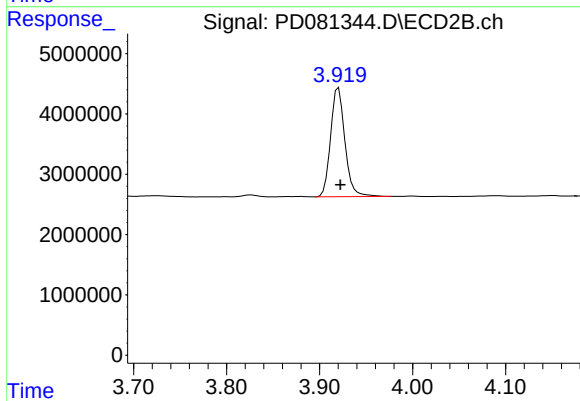
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 41018798
Conc: 10.97 ng/ml



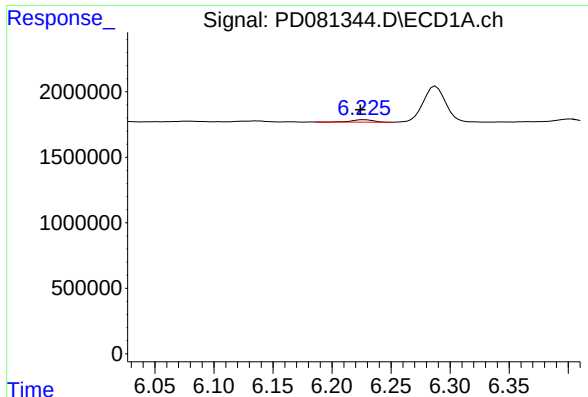
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 11932021
Conc: 11.79 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 19361055
Conc: 12.39 ng/ml



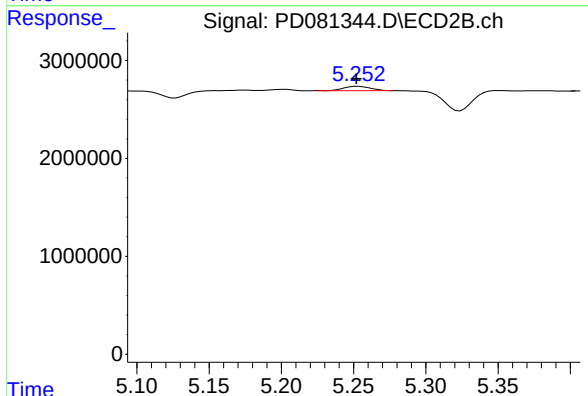
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 226559
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

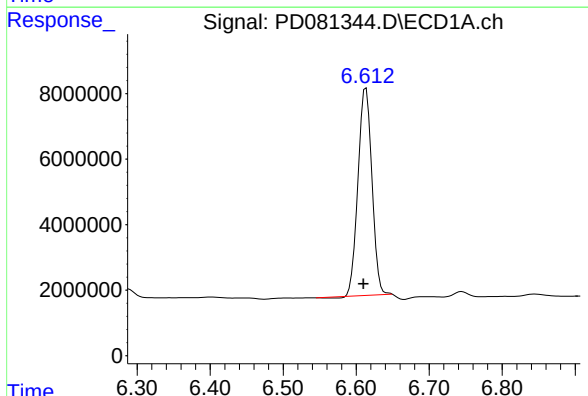
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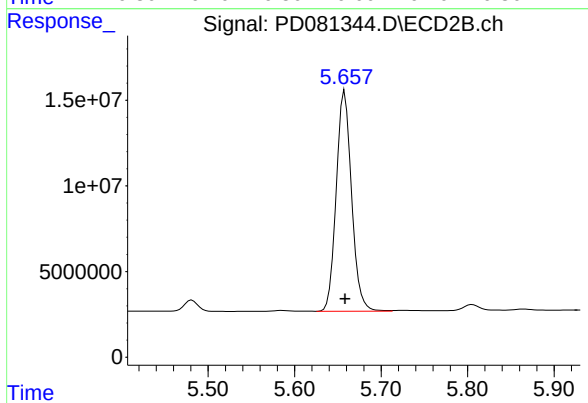
#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 586124
Conc: 0.19 ng/ml m



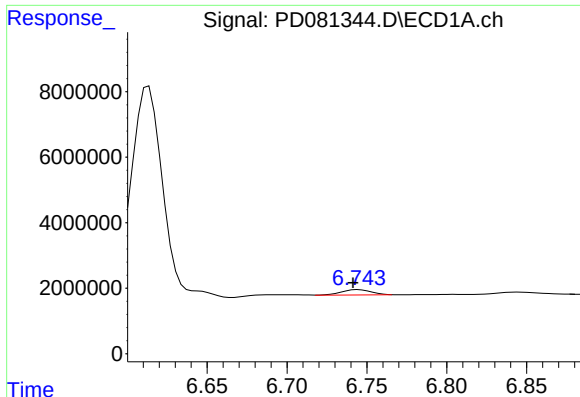
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 83856669
Conc: 44.90 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 157776708
Conc: 53.24 ng/ml



#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 2153620
Conc: 1.31 ng/ml

Instrument :

ECD_D

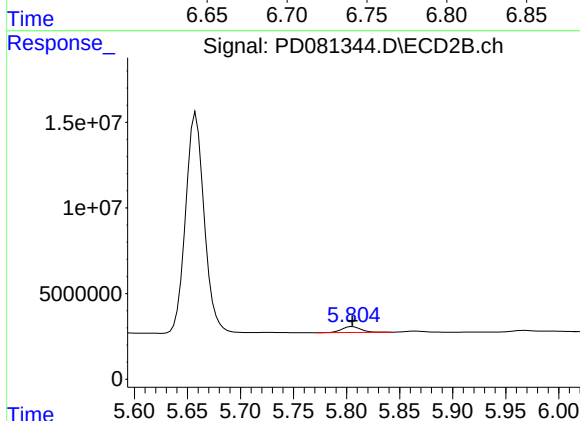
ClientSampleId :

PEM

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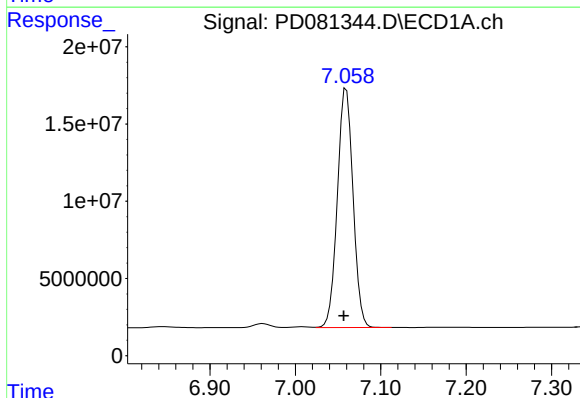
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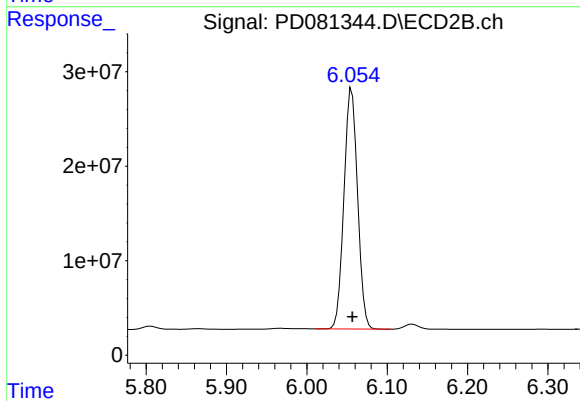
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 4191055
Conc: 1.60 ng/ml



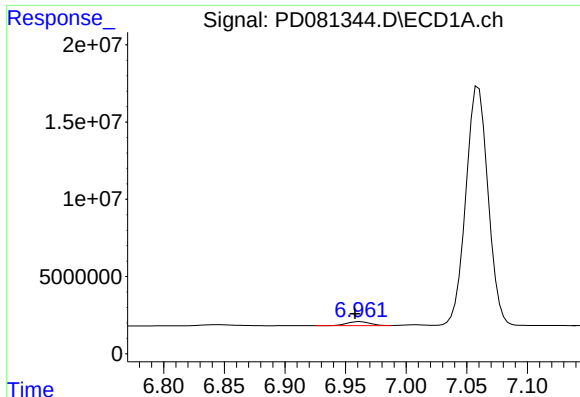
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.003 min
Response: 197372942
Conc: 110.83 ng/ml



#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 299804199
Conc: 113.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.004 min
Response: 3526701
Conc: 2.32 ng/ml

Instrument :

ECD_D

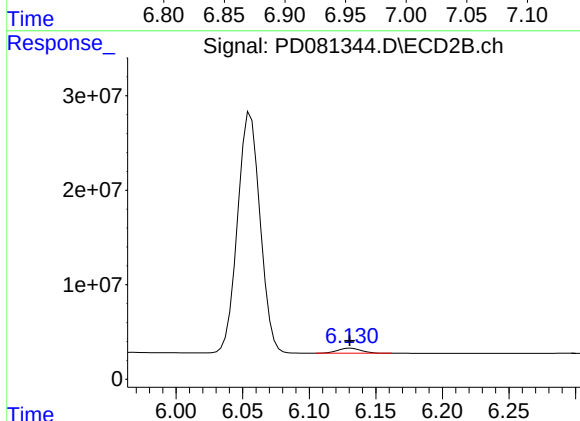
ClientSampleId :

PEM

Manual Integrations

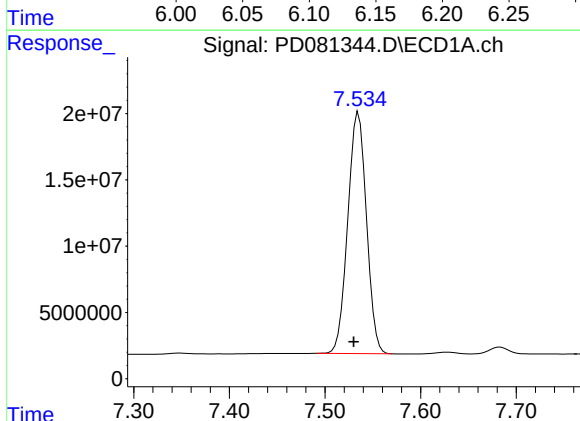
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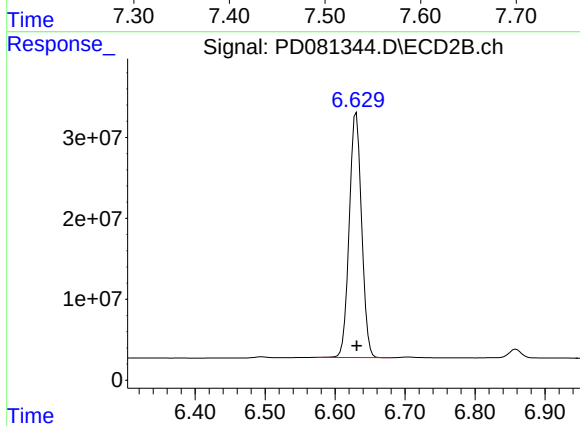
#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 6527894
Conc: 2.90 ng/ml



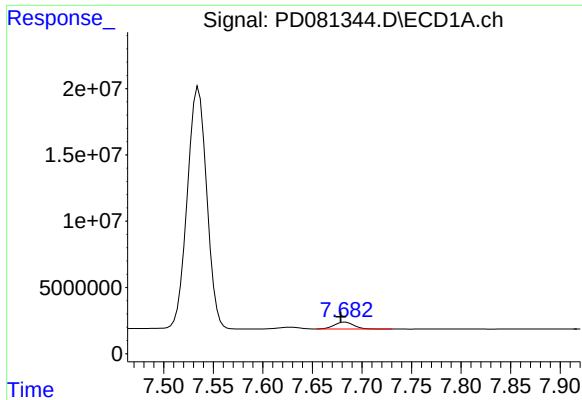
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.005 min
Response: 248024778
Conc: 240.97 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 371111628
Conc: 237.09 ng/ml



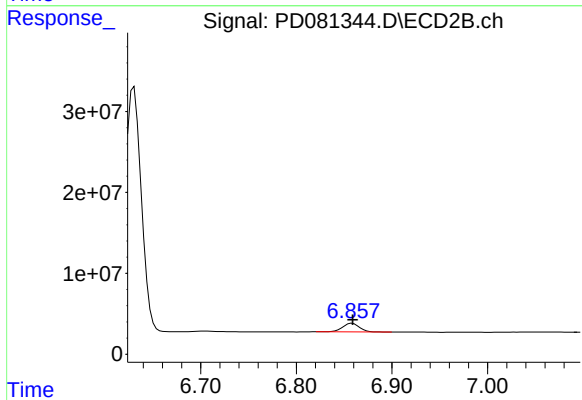
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.005 min
Response: 7112333
Conc: 3.40 ng/ml

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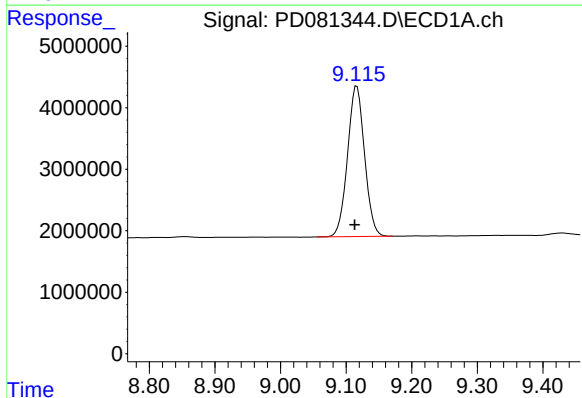
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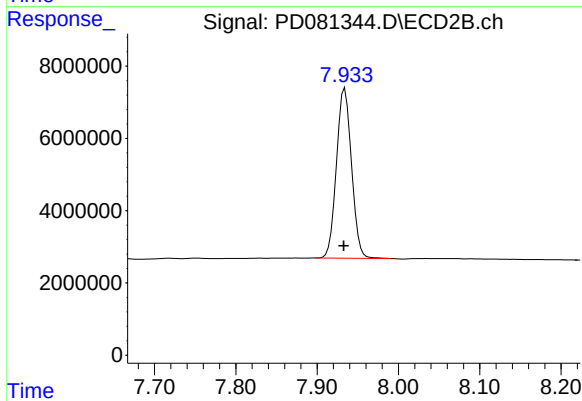
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 12688388
Conc: 3.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.003 min
Response: 44114720
Conc: 21.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 60577067
Conc: 22.74 ng/ml