

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092321\
 Data File : PD065811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2021 12:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/24/2021
 Supervised By :mohammad ahmed 09/24/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 16:08:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.493	4.012	17520635	140.2E6	23.659	24.415
28)	SA Decachlor...	8.236	9.085	32918213	95647668	24.099	24.714
Target Compounds							
2)	A alpha-BHC	3.932	4.407	12338147	102.9E6	10.986	12.233
3)	MA gamma-BHC...	4.216	4.694	12651126	96880674	11.282	12.540
6)	B beta-BHC	4.465	4.870	8849454	49876451	15.502	13.495
12)	B 4,4'-DDE	5.648	6.355	292719	1387041	0.269m	0.240m
14)	MA Endrin	6.043	6.728	59193452	282.0E6	55.941	57.204
16)	A 4,4'-DDD	6.165	6.851	807667	4904033	0.823m	0.998
17)	MA 4,4'-DDT	6.405	7.148	125.2E6	529.8E6	113.732	104.875
18)	B Endrin al...	6.482	7.066	1028847	2793415	1.161m	0.714 #
20)	A Methoxychlor	6.952	7.608	178.9E6	623.7E6	261.864	237.017
21)	B Endrin ke...	7.188	7.760	3580689	16234161	2.542	2.847m

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

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Acq On : 23 Sep 2021 12:00
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Sample : PEM
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ALS Vial : 5 Sample Multiplier: 1

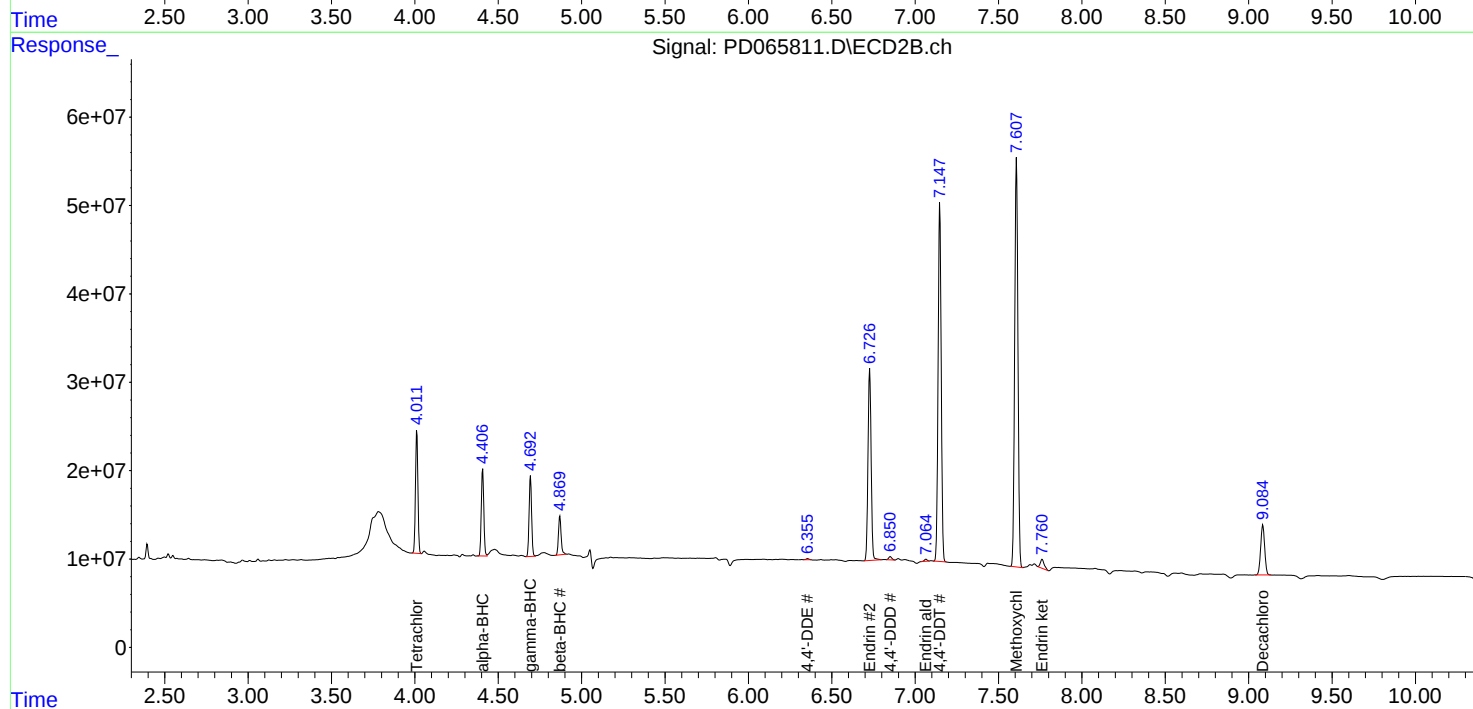
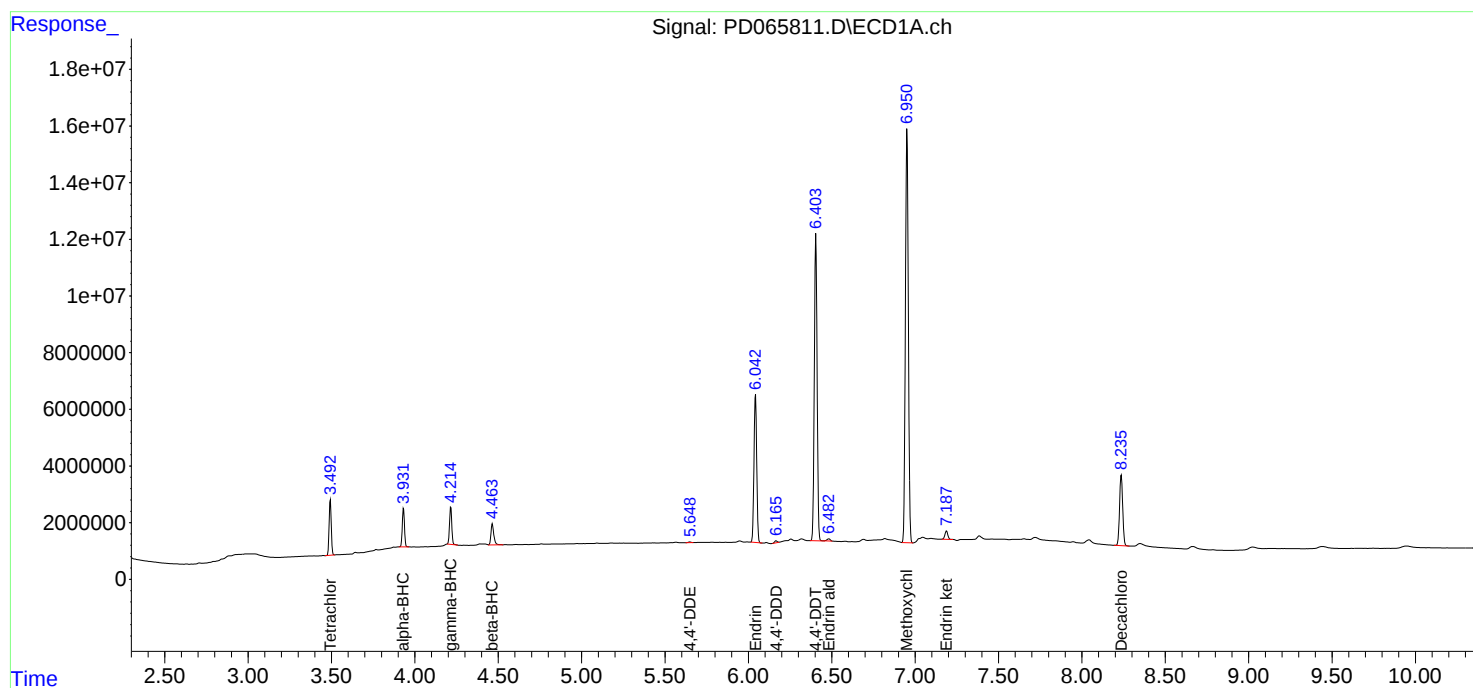
Instrument :
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PEM

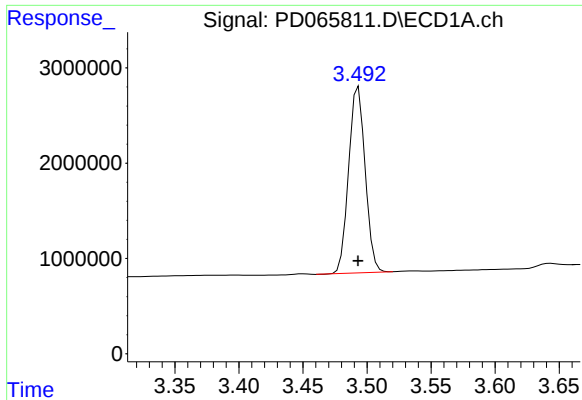
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Integration File signal 1: autoint1.e
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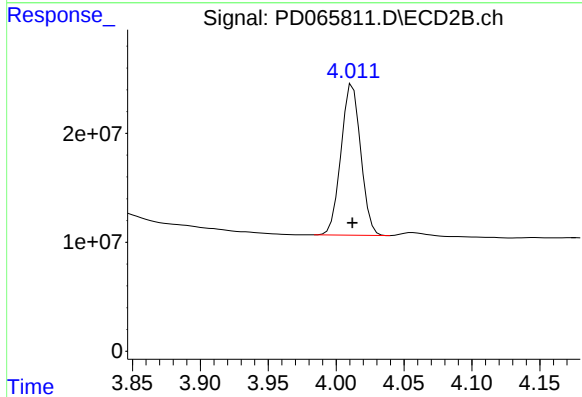
#1 Tetrachloro-m-xylene

R.T.: 3.493 min
Delta R.T.: 0.000 min
Response: 17520635
Conc: 23.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

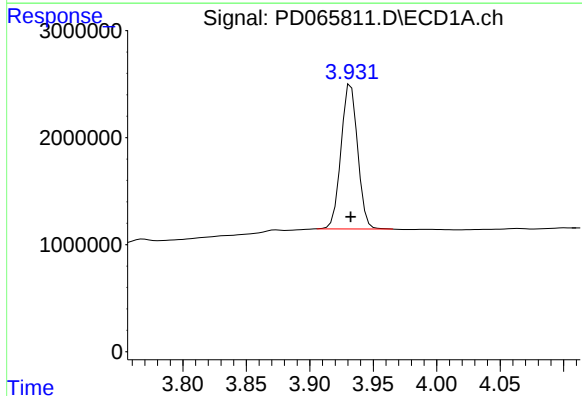
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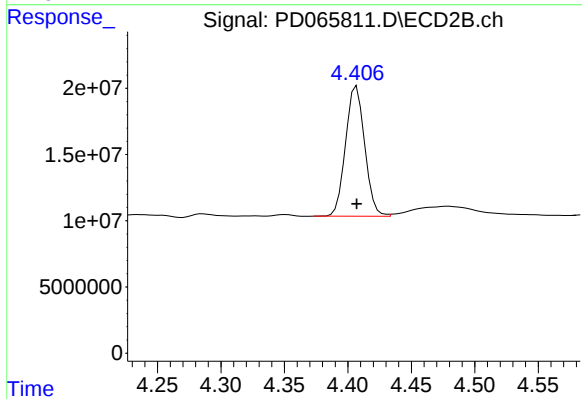
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 140195719
Conc: 24.42 ng/ml



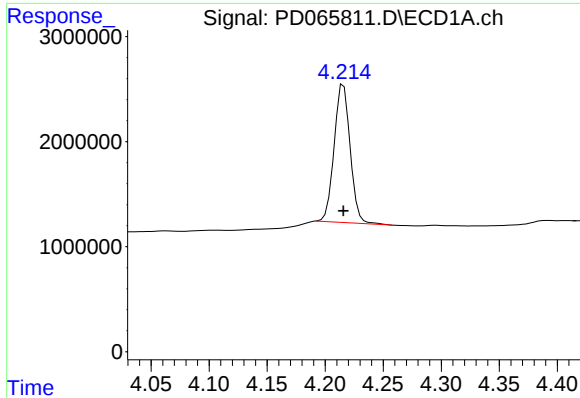
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 12338147
Conc: 10.99 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 102855225
Conc: 12.23 ng/ml



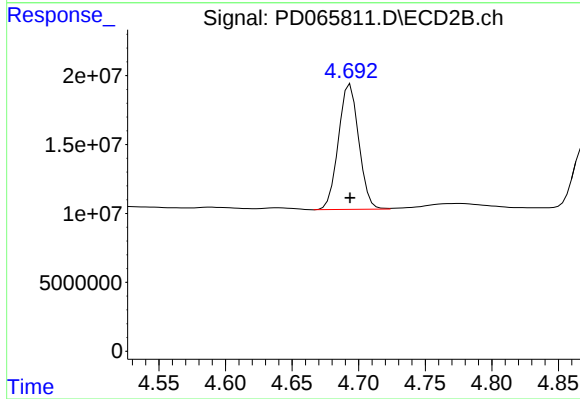
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 12651126
Conc: 11.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

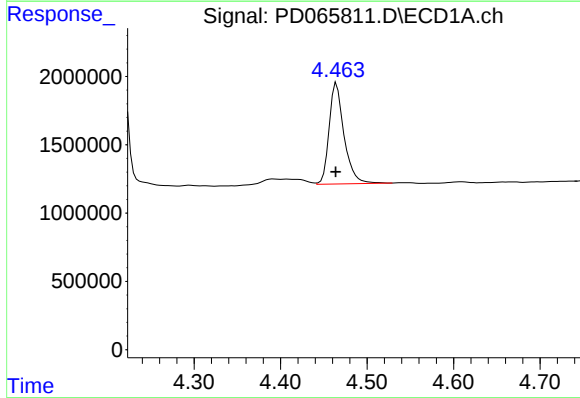
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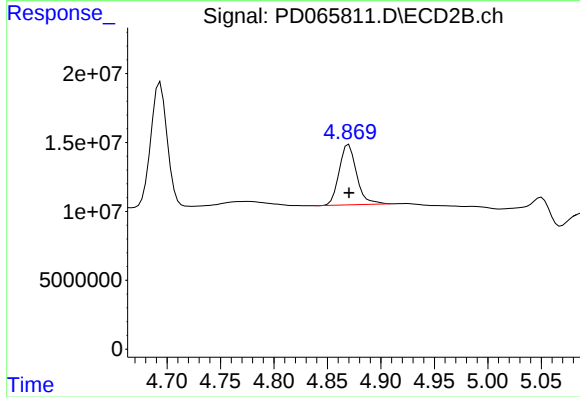
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 96880674
Conc: 12.54 ng/ml



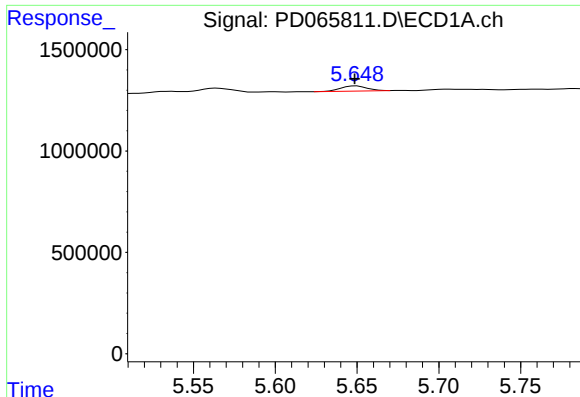
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.001 min
Response: 8849454
Conc: 15.50 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 49876451
Conc: 13.50 ng/ml



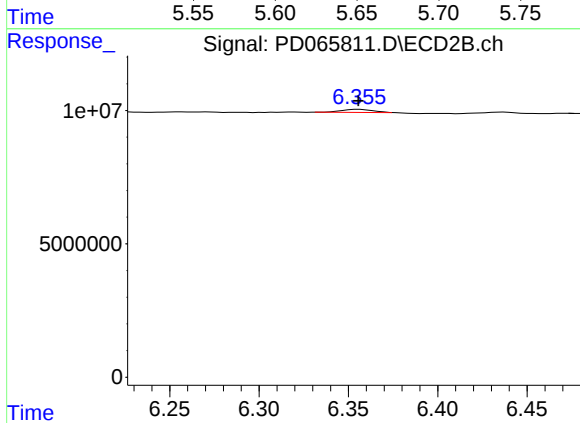
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 292719
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

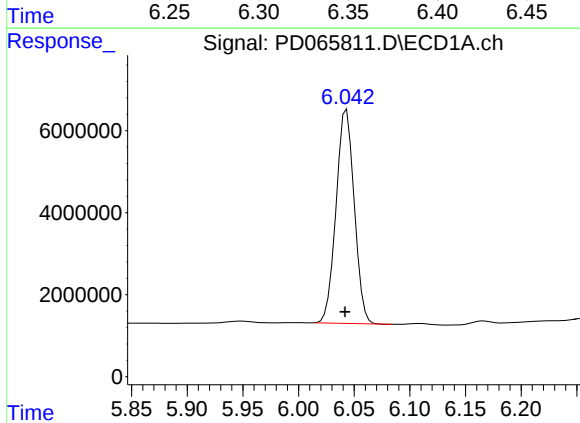
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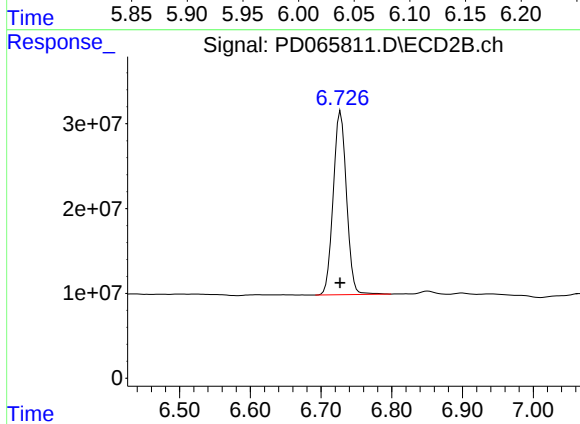
#12 4,4'-DDE

R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 1387041
Conc: 0.24 ng/ml m



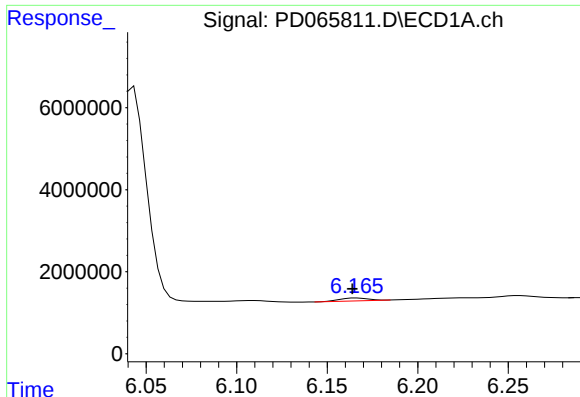
#14 Endrin

R.T.: 6.043 min
Delta R.T.: 0.001 min
Response: 59193452
Conc: 55.94 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 282021319
Conc: 57.20 ng/ml



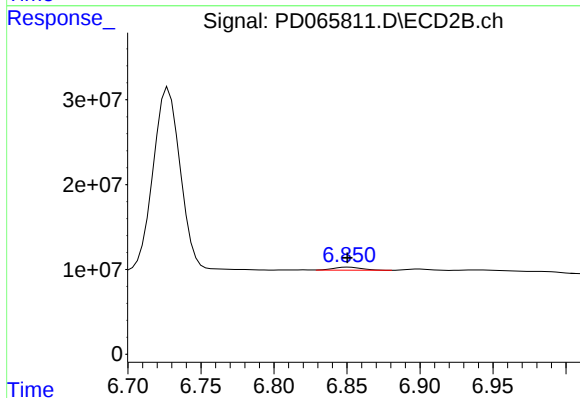
#16 4,4'-DDD

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 807667
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

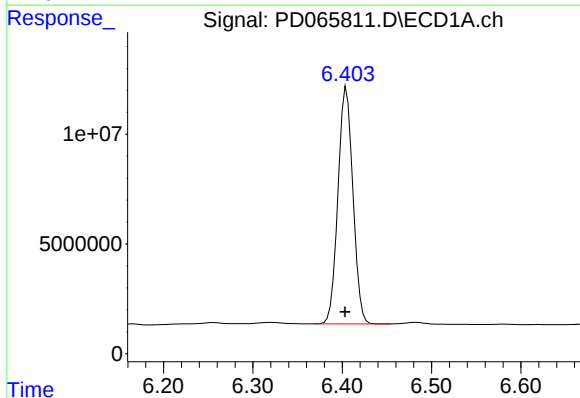
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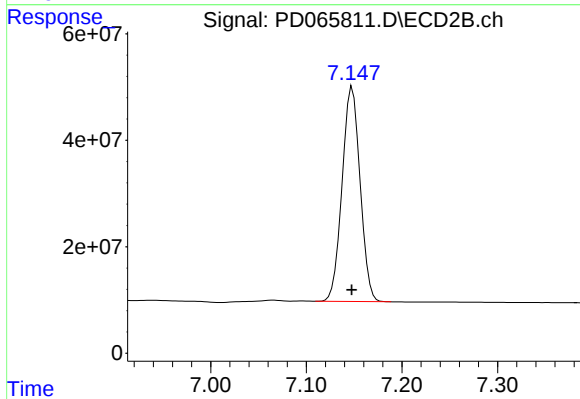
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 4904033
Conc: 1.00 ng/ml



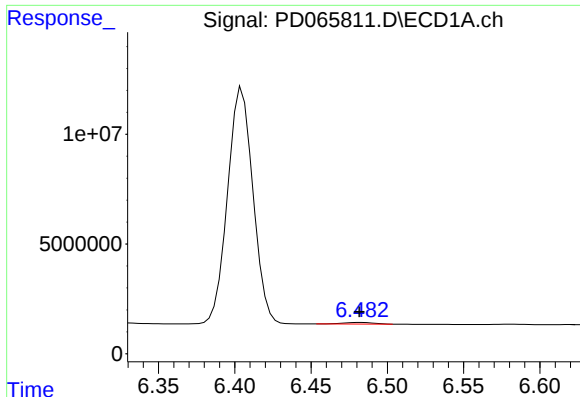
#17 4,4'-DDT

R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 125184678
Conc: 113.73 ng/ml



#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 529764528
Conc: 104.88 ng/ml



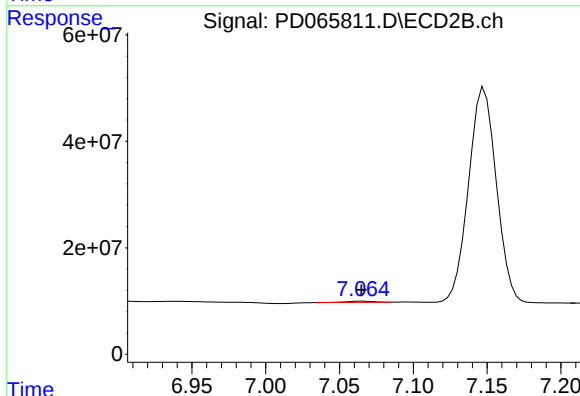
#18 Endrin aldehyde

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 1028847
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

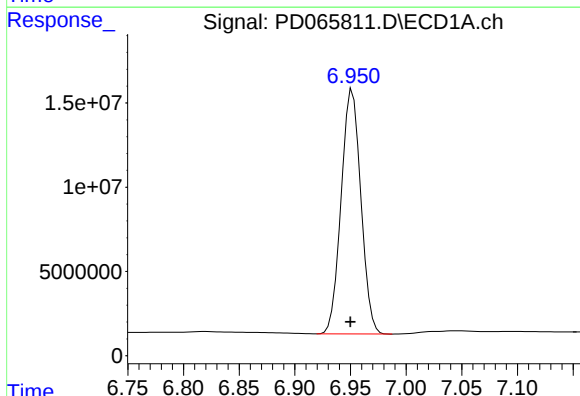
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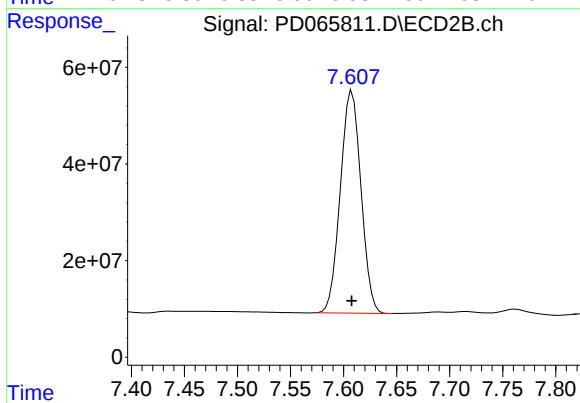
#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 2793415
Conc: 0.71 ng/ml



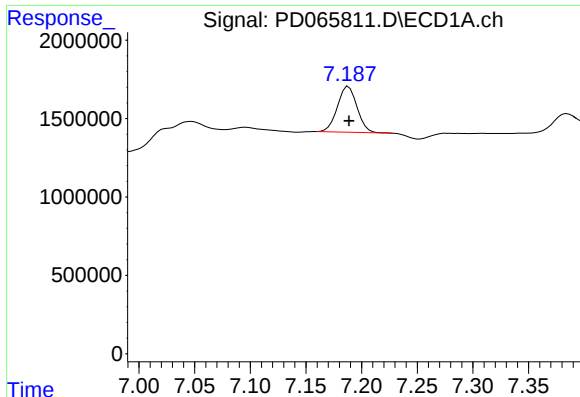
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: 0.002 min
Response: 178947325
Conc: 261.86 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 623737853
Conc: 237.02 ng/ml



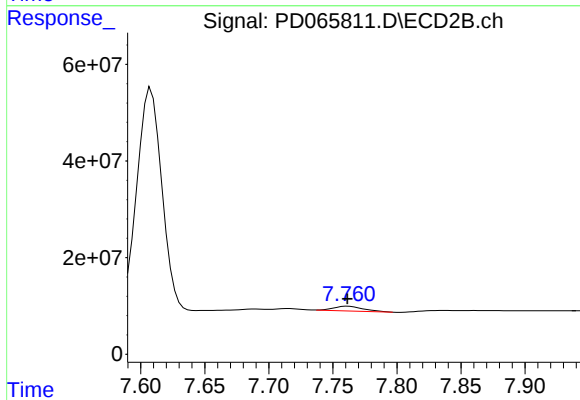
#21 Endrin ketone

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 3580689
Conc: 2.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

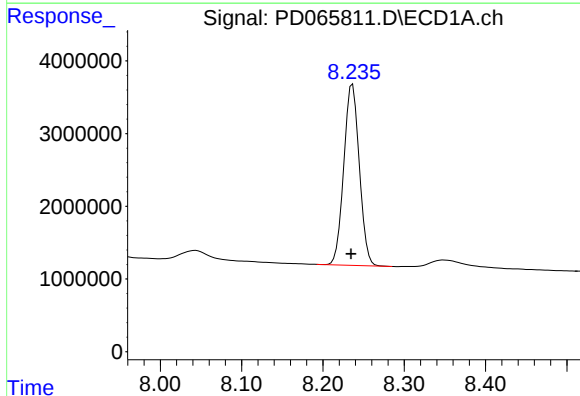
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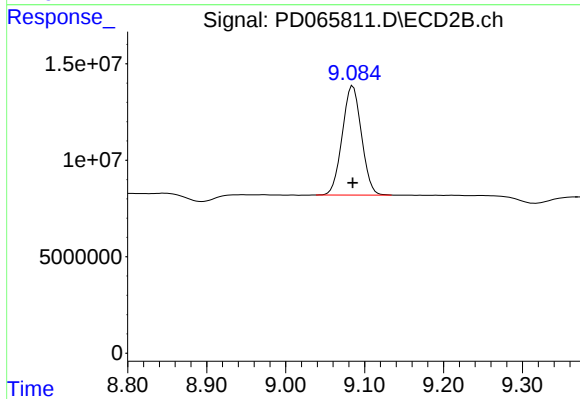
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: -0.001 min
Response: 16234161
Conc: 2.85 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.236 min
Delta R.T.: 0.002 min
Response: 32918213
Conc: 24.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 95647668
Conc: 24.71 ng/ml