

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092221\
 Data File : PD065787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2021 16:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/23/2021
 Supervised By : mohammad ahmed 09/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 04:45:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 04:41:54 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 x 0.2 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	16252765	129.9E6	21.947	22.619
28)	SA Decachlor...	8.234	9.084	31241083	89287924	22.871	23.071
Target Compounds							
2)	A alpha-BHC	3.932	4.407	11460778	95044801	10.205	11.304
3)	MA gamma-BHC...	4.215	4.693	11868295	87912839	10.584	11.379
6)	B beta-BHC	4.463	4.870	7068238	46756028	12.381	12.651
12)	B 4,4'-DDE	5.646	6.353	282154	1926853	0.259m	0.334m#
14)	MA Endrin	6.041	6.727	56846424	260.1E6	53.723	52.759
16)	A 4,4'-DDD	6.165	6.851	572092	4374327	0.583	0.890 #
17)	MA 4,4'-DDT	6.403	7.148	118.3E6	492.3E6	107.450	97.451
18)	B Endrin al...	6.477	7.064	693704	1180359	0.783m	0.301 #
20)	A Methoxychlor	6.950	7.607	172.3E6	616.8E6	252.086	234.368
21)	B Endrin ke...	7.187	7.761	2074528	9571651	1.473	1.678

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

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Acq On : 22 Sep 2021 16:19
Operator : AR\AJ
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ALS Vial : 3 Sample Multiplier: 1

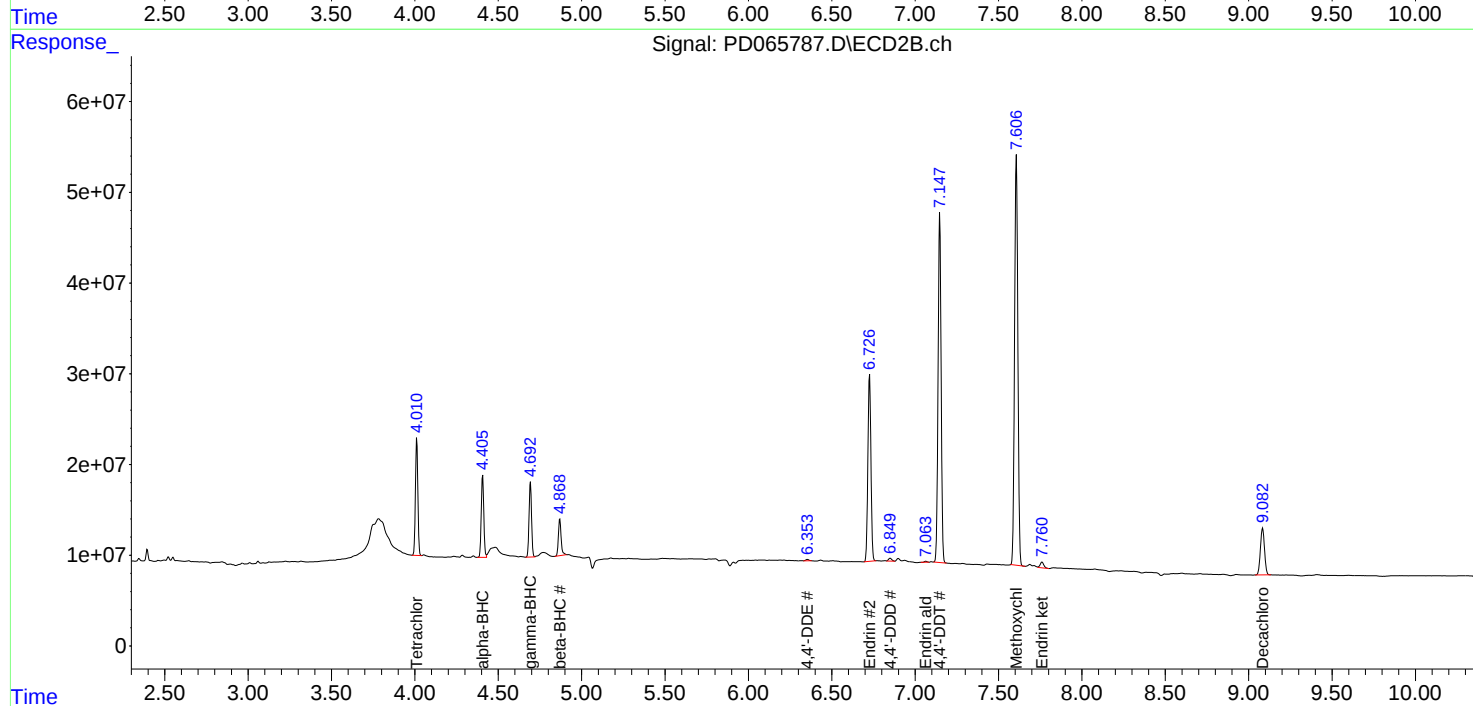
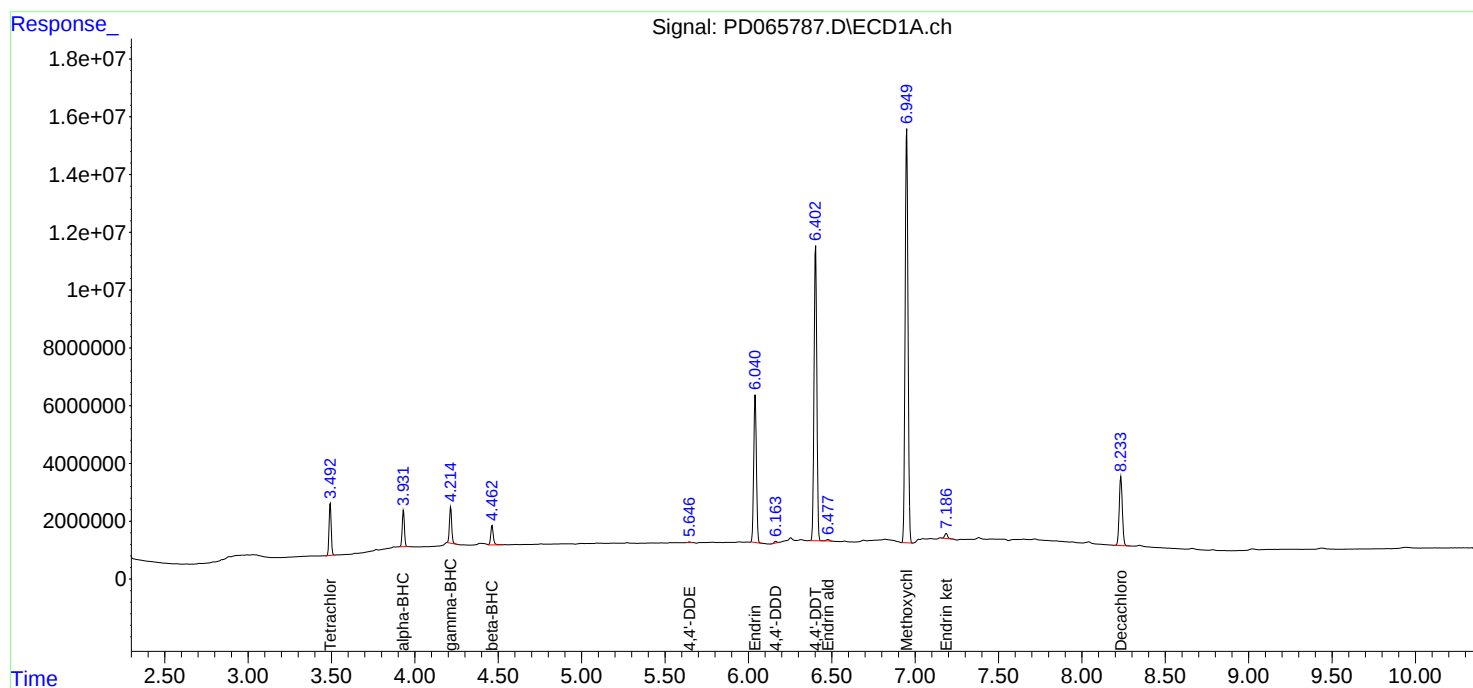
Instrument :
ECD_D
ClientSampleId :
PEM

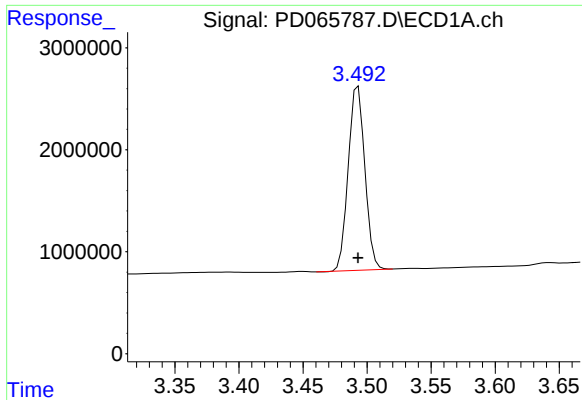
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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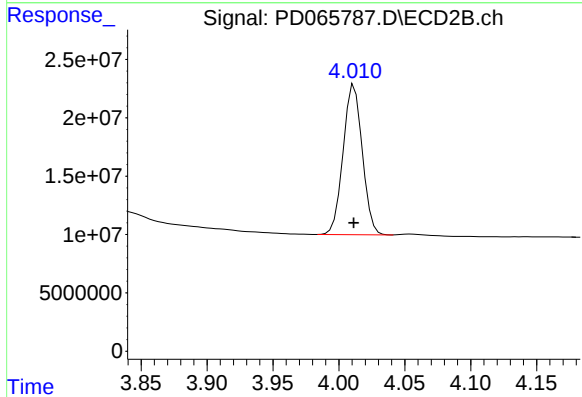
#1 Tetrachloro-m-xylene

R.T.: 3.493 min
Delta R.T.: 0.000 min
Response: 16252765
Conc: 21.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

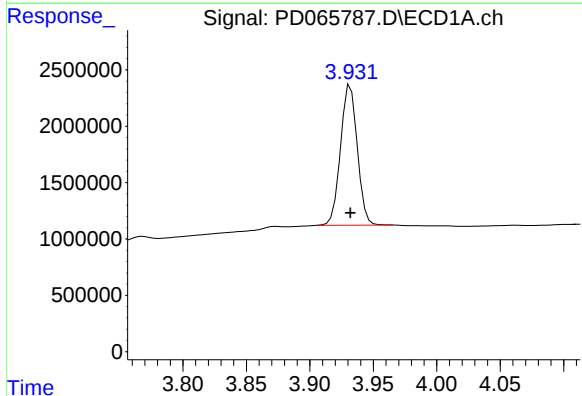
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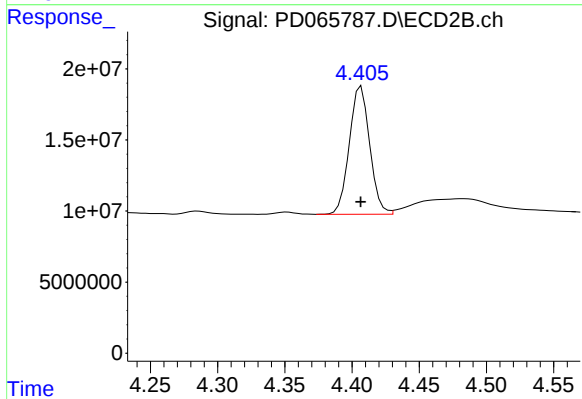
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 129880162
Conc: 22.62 ng/ml



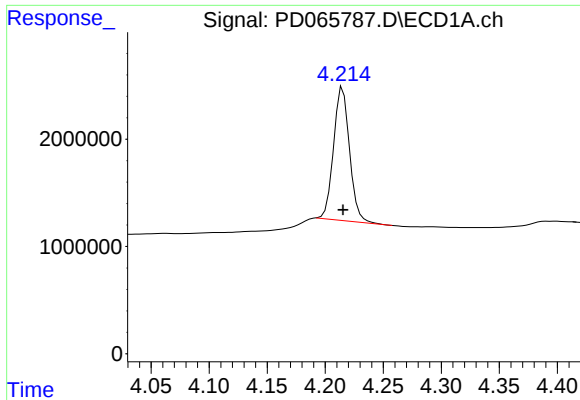
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 11460778
Conc: 10.20 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 95044801
Conc: 11.30 ng/ml



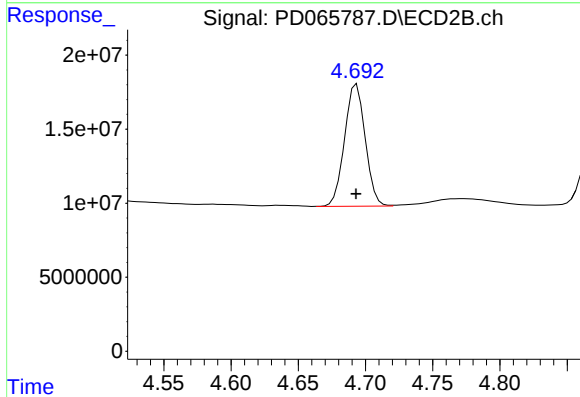
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 11868295
Conc: 10.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

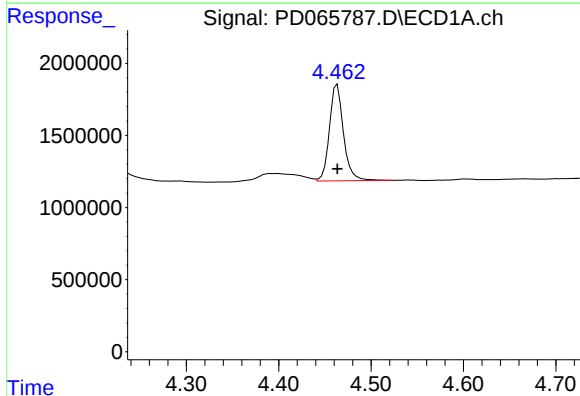
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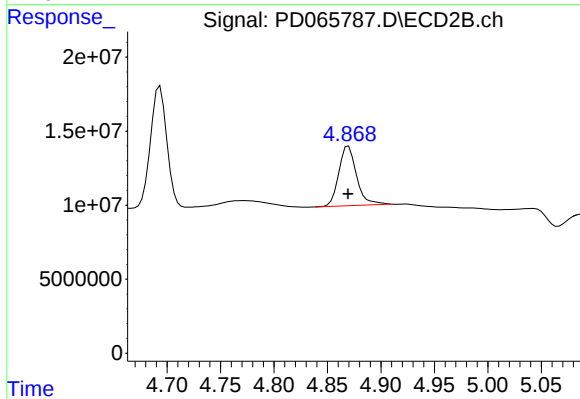
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 87912839
Conc: 11.38 ng/ml



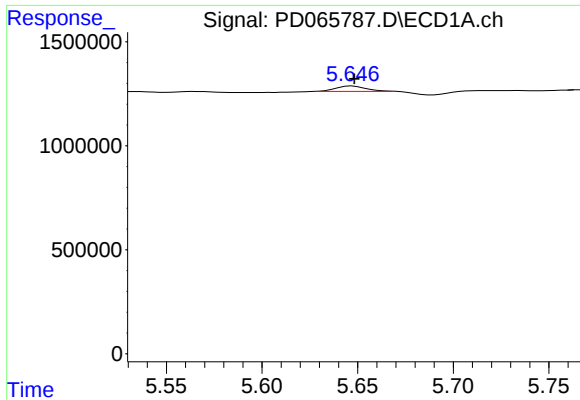
#6 beta-BHC

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 7068238
Conc: 12.38 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 46756028
Conc: 12.65 ng/ml



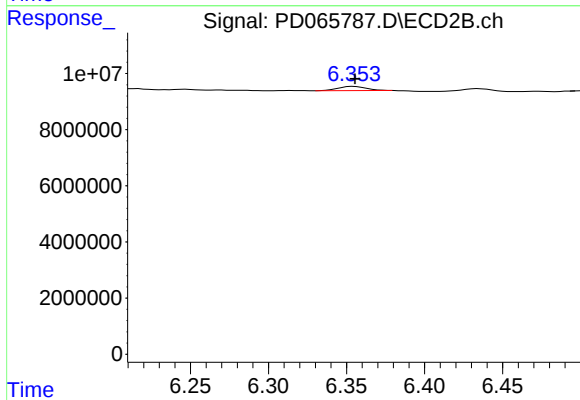
#12 4,4'-DDE

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 282154
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

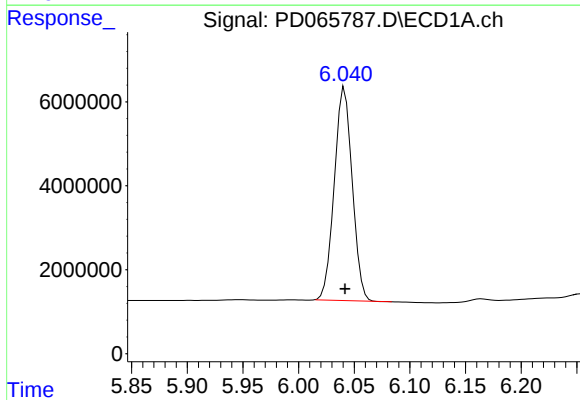
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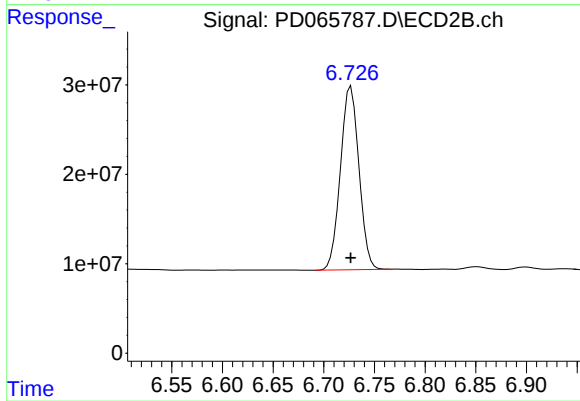
#12 4,4'-DDE

R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 1926853
Conc: 0.33 ng/ml m



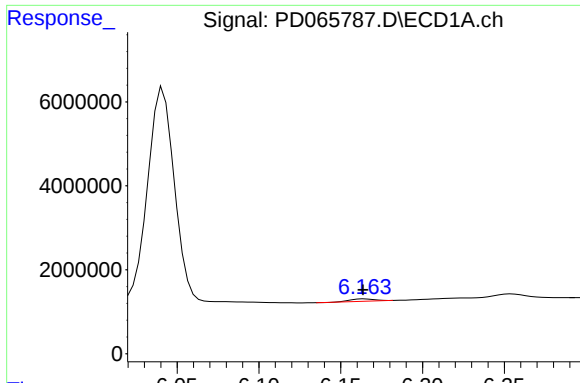
#14 Endrin

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 56846424
Conc: 53.72 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 260105380
Conc: 52.76 ng/ml



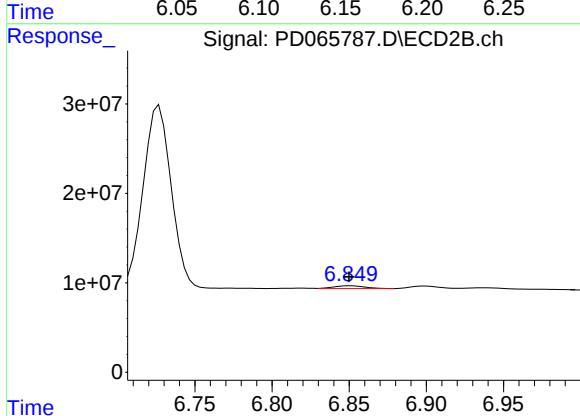
#16 4,4'-DDD

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 572092
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

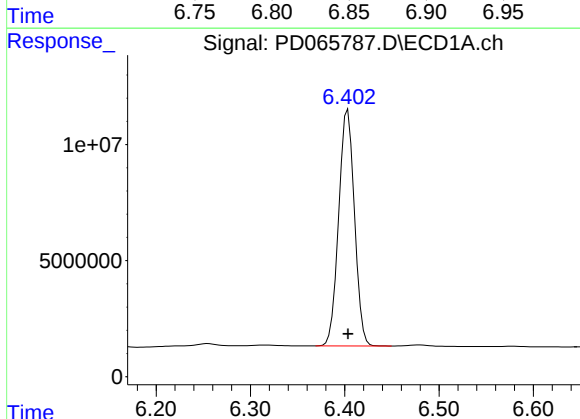
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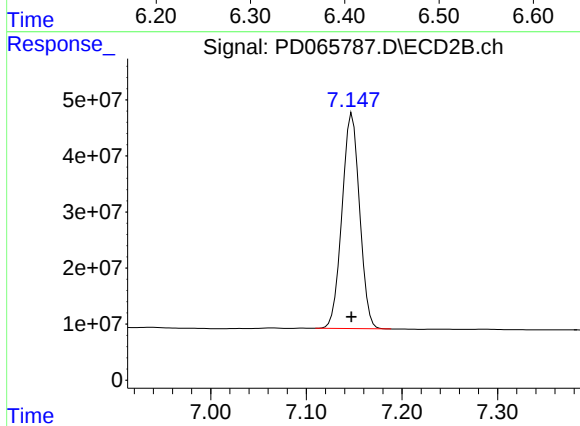
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 4374327
Conc: 0.89 ng/ml



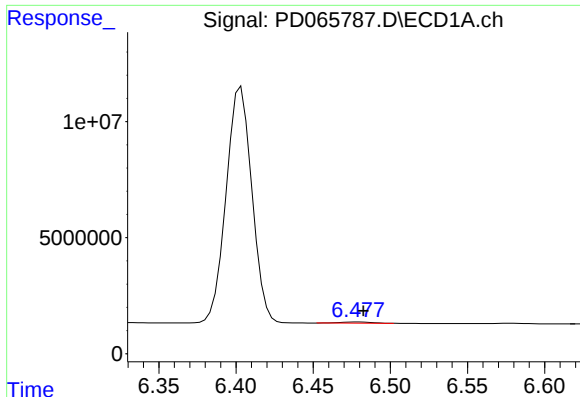
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 118270464
Conc: 107.45 ng/ml



#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 492262718
Conc: 97.45 ng/ml



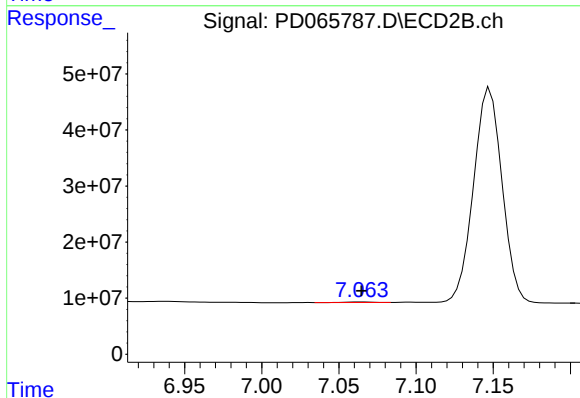
#18 Endrin aldehyde

R.T.: 6.477 min
Delta R.T.: -0.005 min
Response: 693704
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

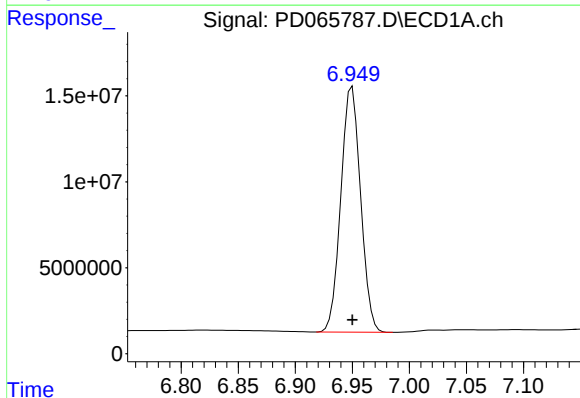
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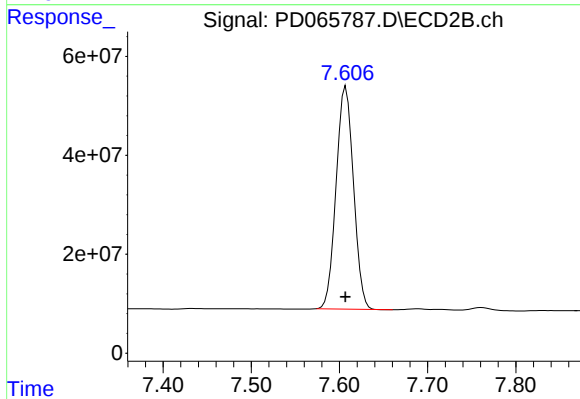
#18 Endrin aldehyde

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 1180359
Conc: 0.30 ng/ml



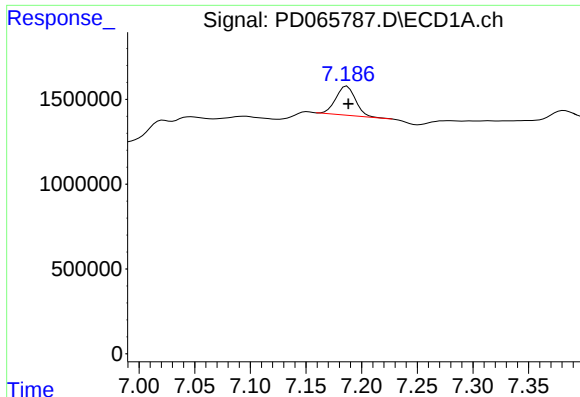
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 172265833
Conc: 252.09 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 616766107
Conc: 234.37 ng/ml



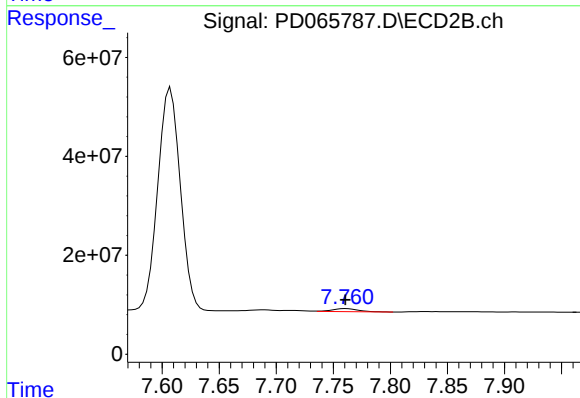
#21 Endrin ketone

R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 2074528
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

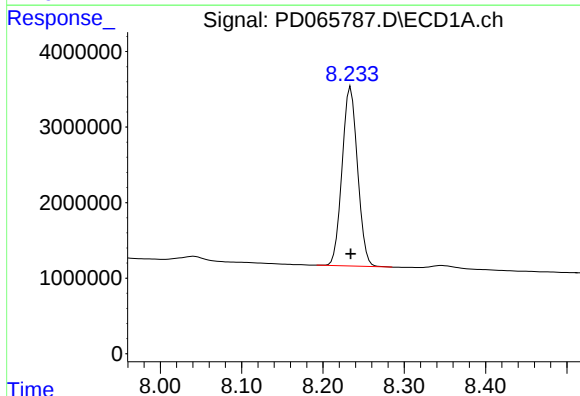
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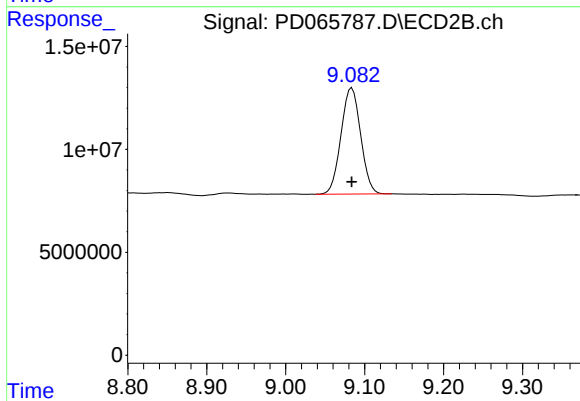
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 9571651
Conc: 1.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 31241083
Conc: 22.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 89287924
Conc: 23.07 ng/ml