

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 10:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/07/2025
 Supervised By : Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:21:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 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...	3.555	2.881	41429881	268.9E6	20.795	22.354
28)	SA Decachlor...	9.085	8.082	62099275	298.1E6	20.360	21.091
Target Compounds							
2)	A alpha-BHC	4.004	3.395	39484592	218.8E6	9.811	11.704
3)	MA gamma-BHC...	4.334	3.732	38224605	200.7E6	9.605m	11.306
6)	B beta-BHC	4.520	4.028	17223287	93199302	10.910	12.220
12)	B 4,4'-DDE	6.202	5.380	610782	3085959	0.202m	0.196m
14)	MA Endrin	6.582	5.795	125.0E6	672.7E6	43.134	45.166
16)	A 4,4'-DDD	6.712	5.936	9532995	55563671	3.961	4.202
17)	MA 4,4'-DDT	7.029	6.190	240.3E6	1215.2E6	93.290	90.281
18)	B Endrin al...	6.922	6.264	4381054	28556313	1.891	2.450 #
20)	A Methoxychlor	7.501	6.762	314.0E6	1368.3E6	213.914	179.035
21)	B Endrin ke...	7.638	6.997	9378044	66988774	3.050	4.293 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 10:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

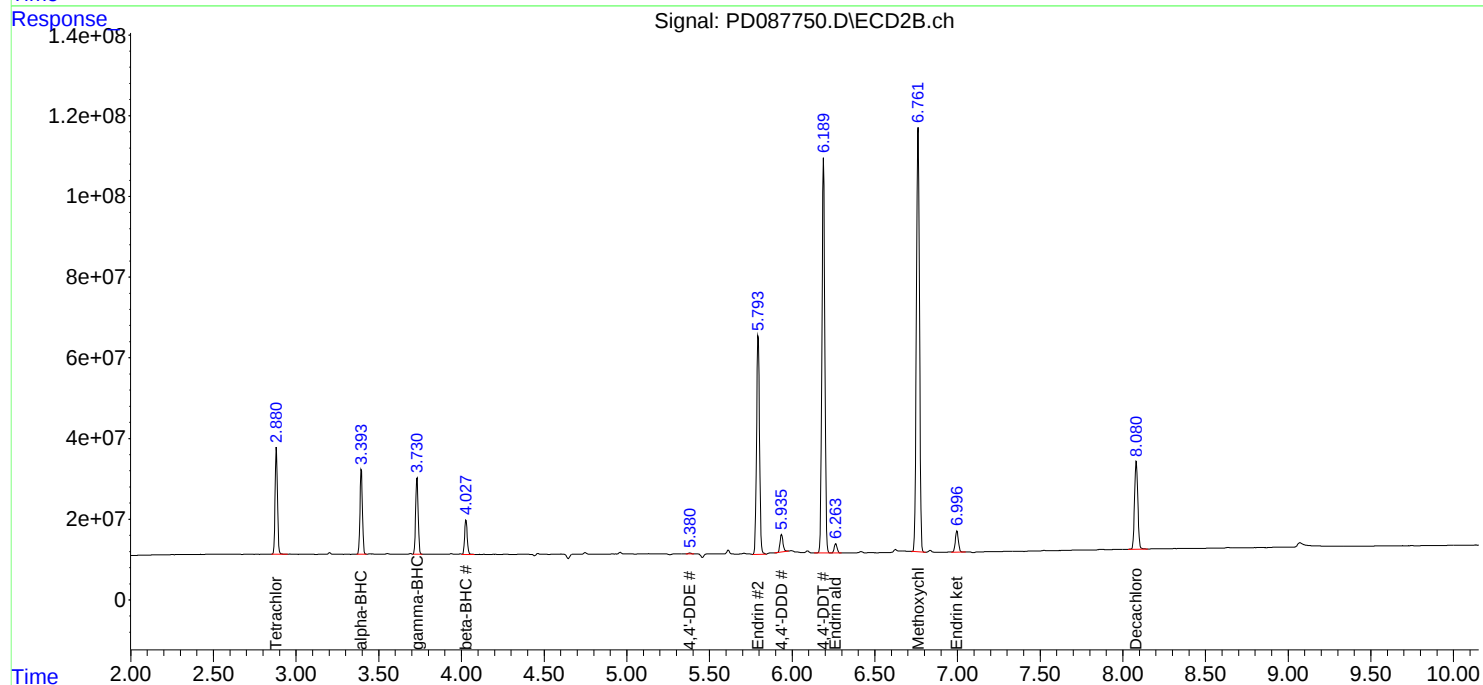
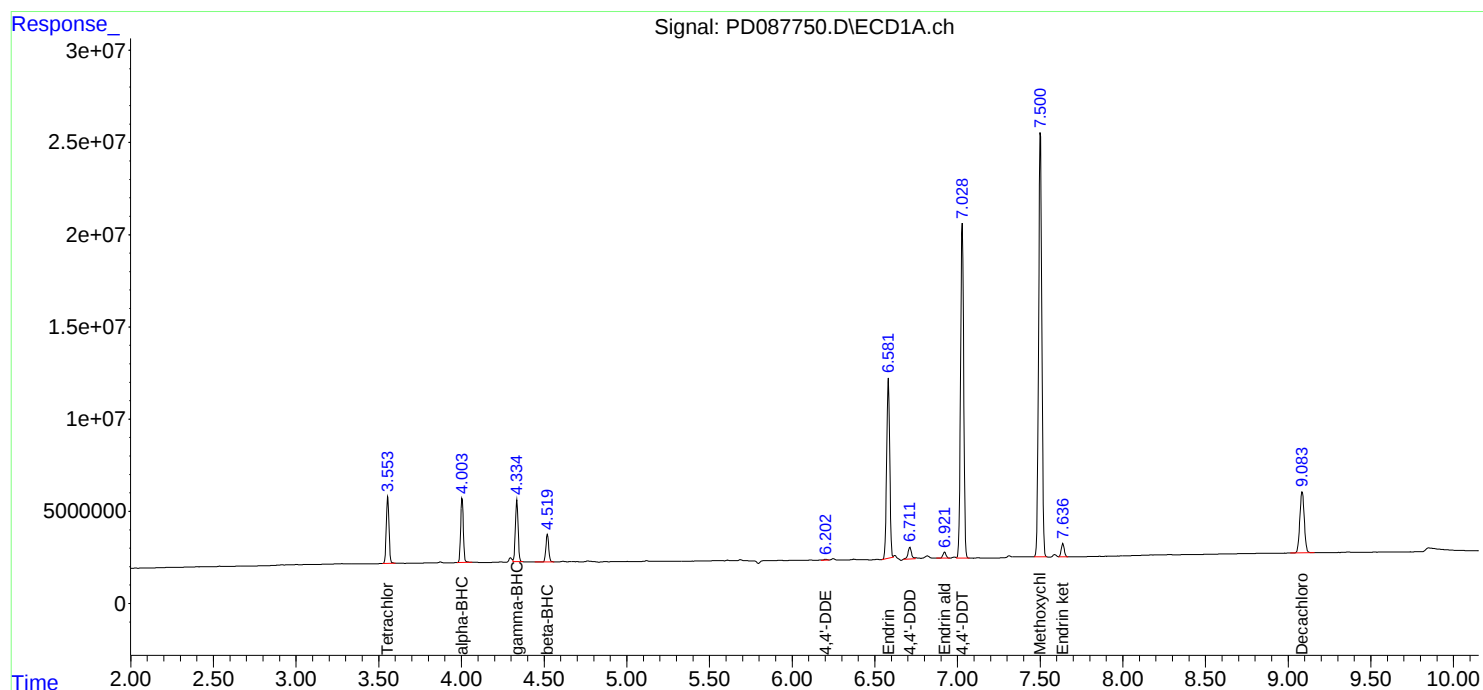
Instrument :
ECD_D
ClientSampleId :
PEM

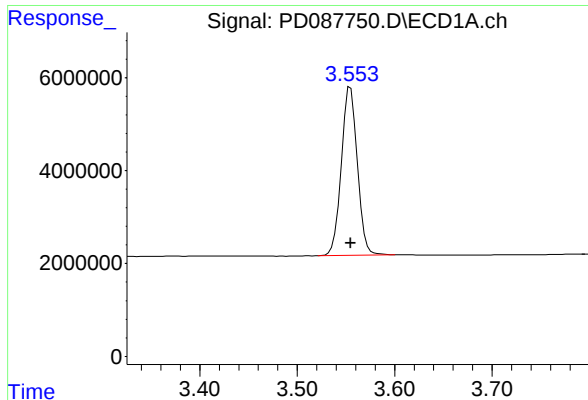
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:21:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 2025
Response 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





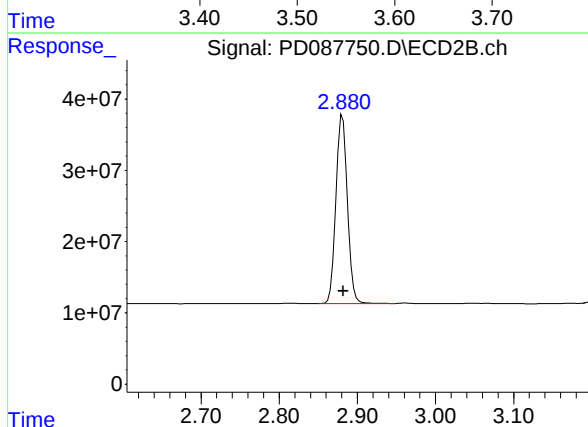
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 41429881
Conc: 20.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

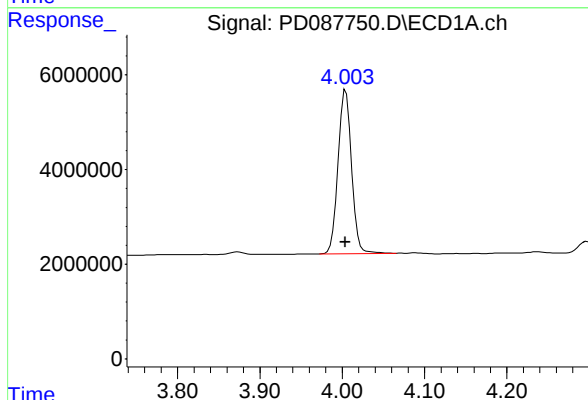
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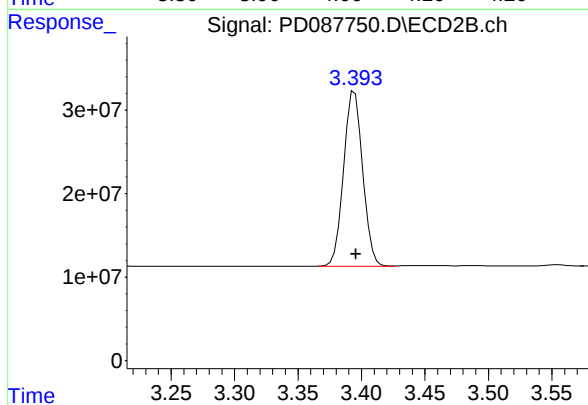
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.001 min
Response: 268850353
Conc: 22.35 ng/ml



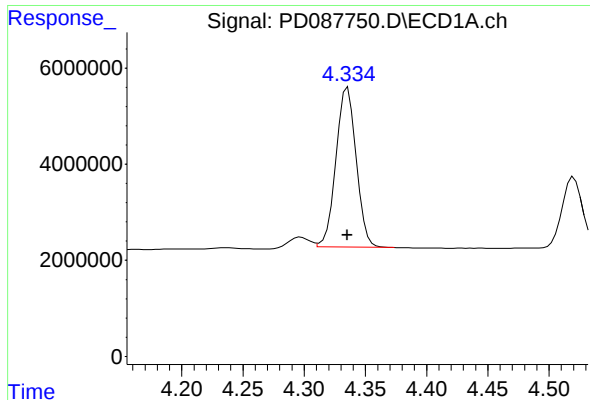
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 39484592
Conc: 9.81 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 218762821
Conc: 11.70 ng/ml



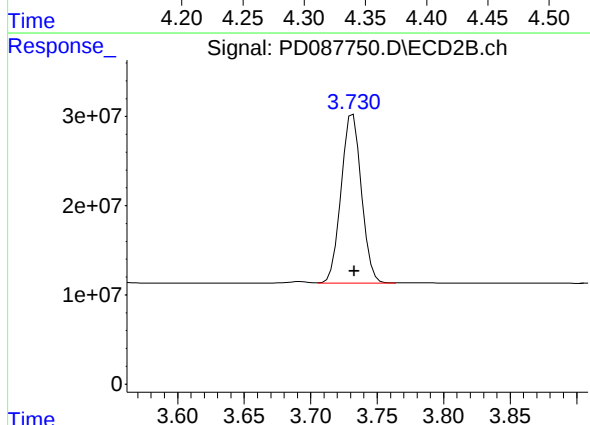
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 38224605
Conc: 9.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

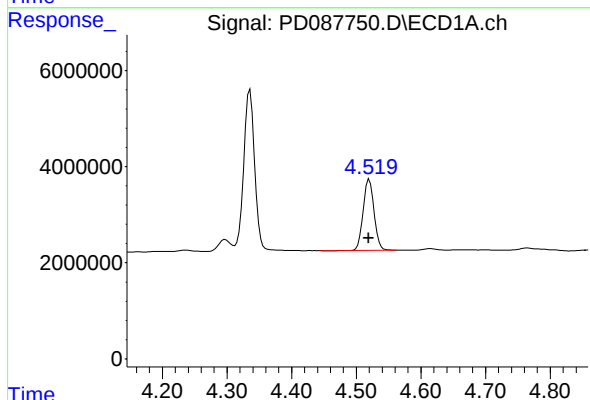
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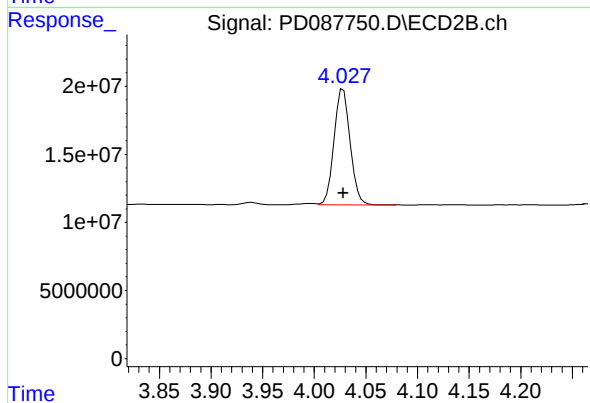
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 200733522
Conc: 11.31 ng/ml



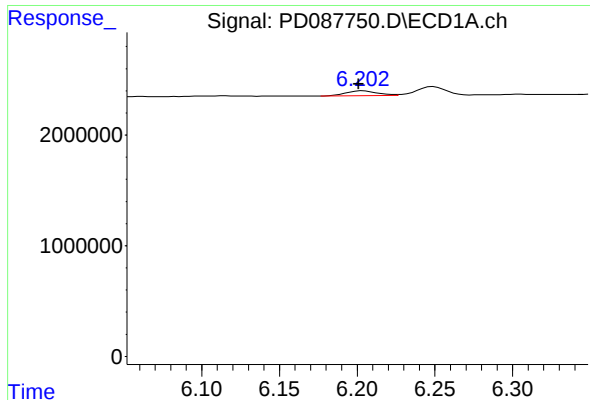
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 17223287
Conc: 10.91 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 93199302
Conc: 12.22 ng/ml



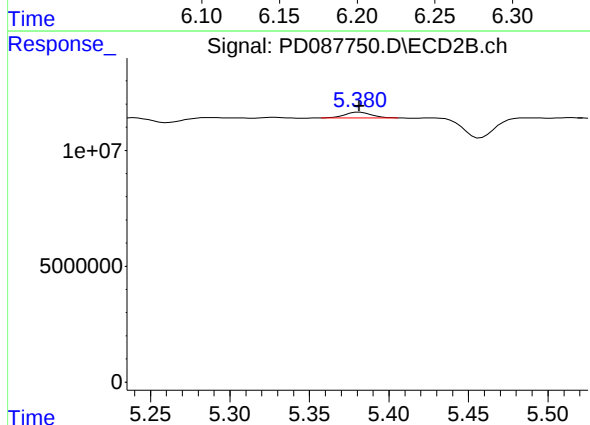
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 610782
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

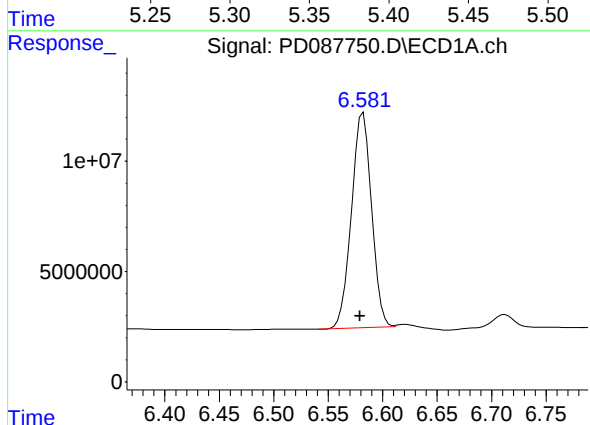
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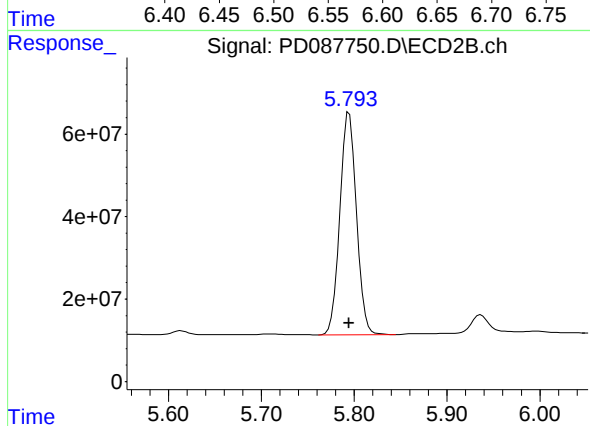
#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: -0.001 min
Response: 3085959
Conc: 0.20 ng/ml



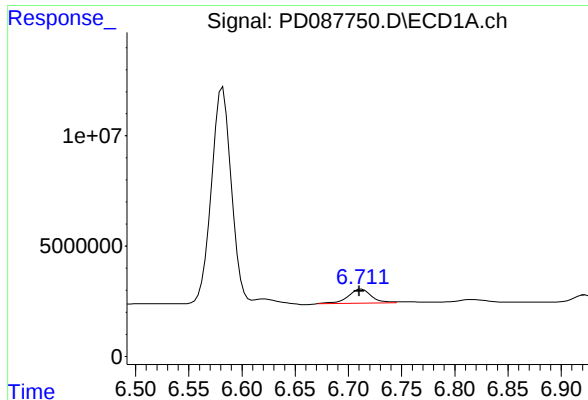
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.003 min
Response: 125000804
Conc: 43.13 ng/ml



#14 Endrin

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 672685050
Conc: 45.17 ng/ml



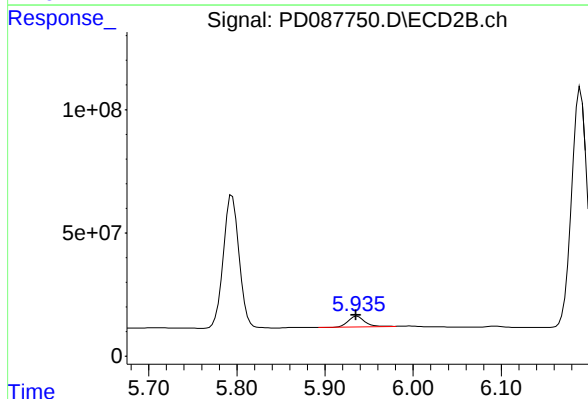
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 9532995
Conc: 3.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#16 4,4'-DDD

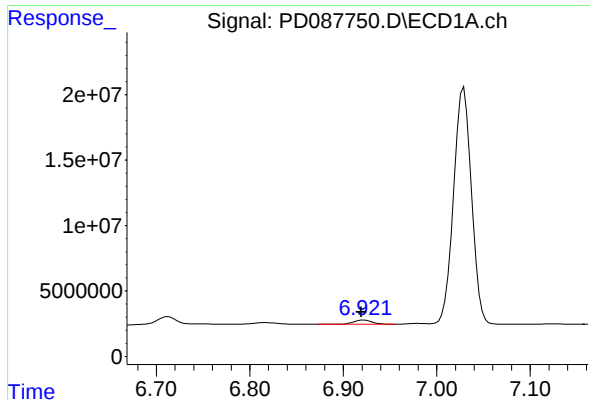
R.T.: 5.936 min
Delta R.T.: 0.001 min
Response: 55563671
Conc: 4.20 ng/ml

#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.003 min
Response: 240281217
Conc: 93.29 ng/ml

#17 4,4'-DDT

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 1215228349
Conc: 90.28 ng/ml



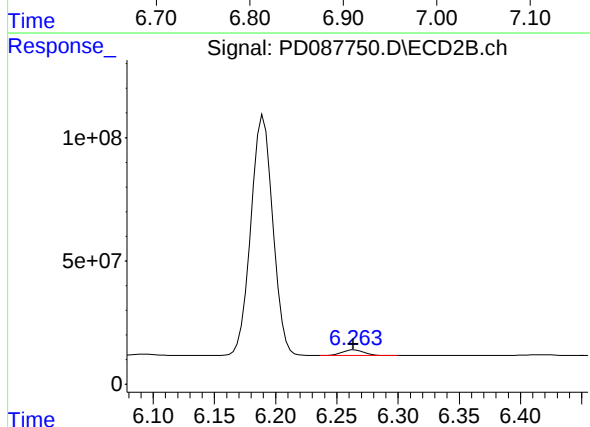
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.003 min
Response: 4381054
Conc: 1.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

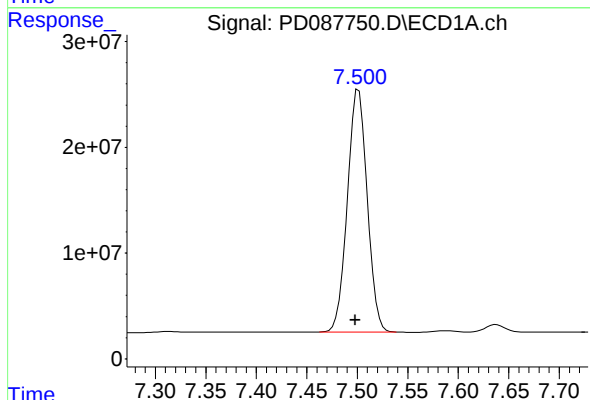
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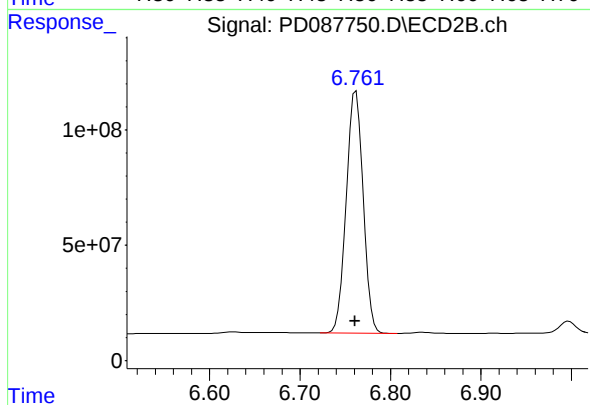
#18 Endrin aldehyde

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 28556313
Conc: 2.45 ng/ml



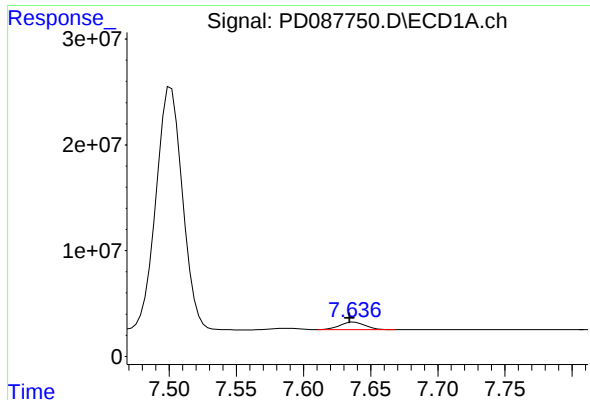
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.004 min
Response: 313992369
Conc: 213.91 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 1368266309
Conc: 179.04 ng/ml



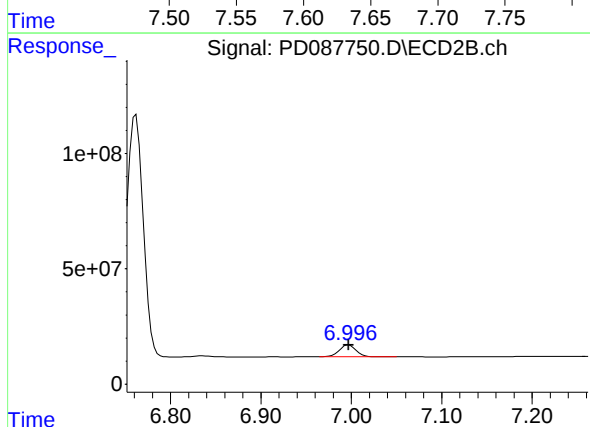
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 9378044
Conc: 3.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

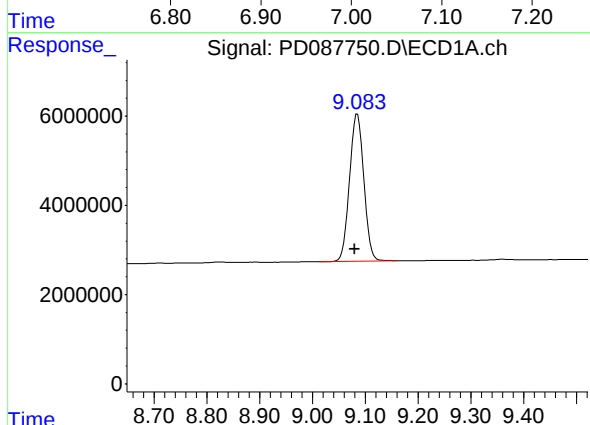
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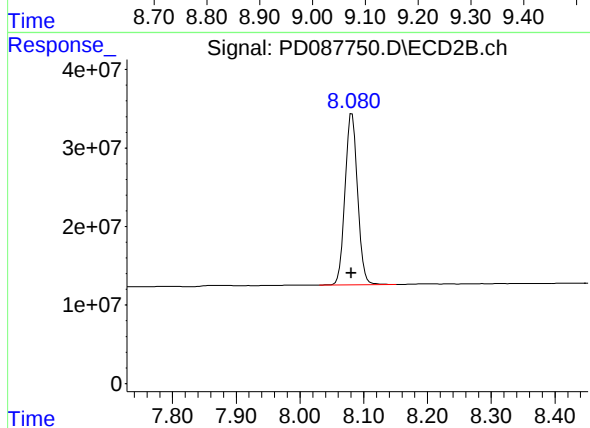
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 66988774
Conc: 4.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.005 min
Response: 62099275
Conc: 20.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.001 min
Response: 298059161
Conc: 21.09 ng/ml