

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011823\
 Data File : PD073627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2023 16:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/19/2023
 Supervised By : Ankita Jodhani 01/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 02:48:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.555	2.777	45180461	25749713	19.329	20.226
28)	SA Decachlor...	9.102	7.934	58512812	24014280	20.764	20.640
Target Compounds							
2)	A alpha-BHC	4.011	3.280	35169749	16664591	8.855	9.781
3)	MA gamma-BHC...	4.345	3.611	34306655	14976014	9.344	9.956
6)	B beta-BHC	4.537	3.906	16127373	7331862	10.396	11.063
12)	B 4,4'-DDE	6.215	5.247	575019	727997	0.190m	0.546 #
14)	MA Endrin	6.602	5.650	120.9E6	50650284	44.588	45.548
16)	A 4,4'-DDD	6.733	5.801	1366954	1403320	0.554m	1.362 #
17)	MA 4,4'-DDT	7.049	6.051	267.0E6	98898223	95.894	96.013
18)	B Endrin al...	6.950	6.124	2974436	2039410	1.371	2.312m#
20)	A Methoxychlor	7.524	6.627	360.0E6	113.3E6	232.417	216.408
21)	B Endrin ke...	7.672	6.853	6964094	3914688	2.303	3.055 #

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

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Sample : PEM
Misc :
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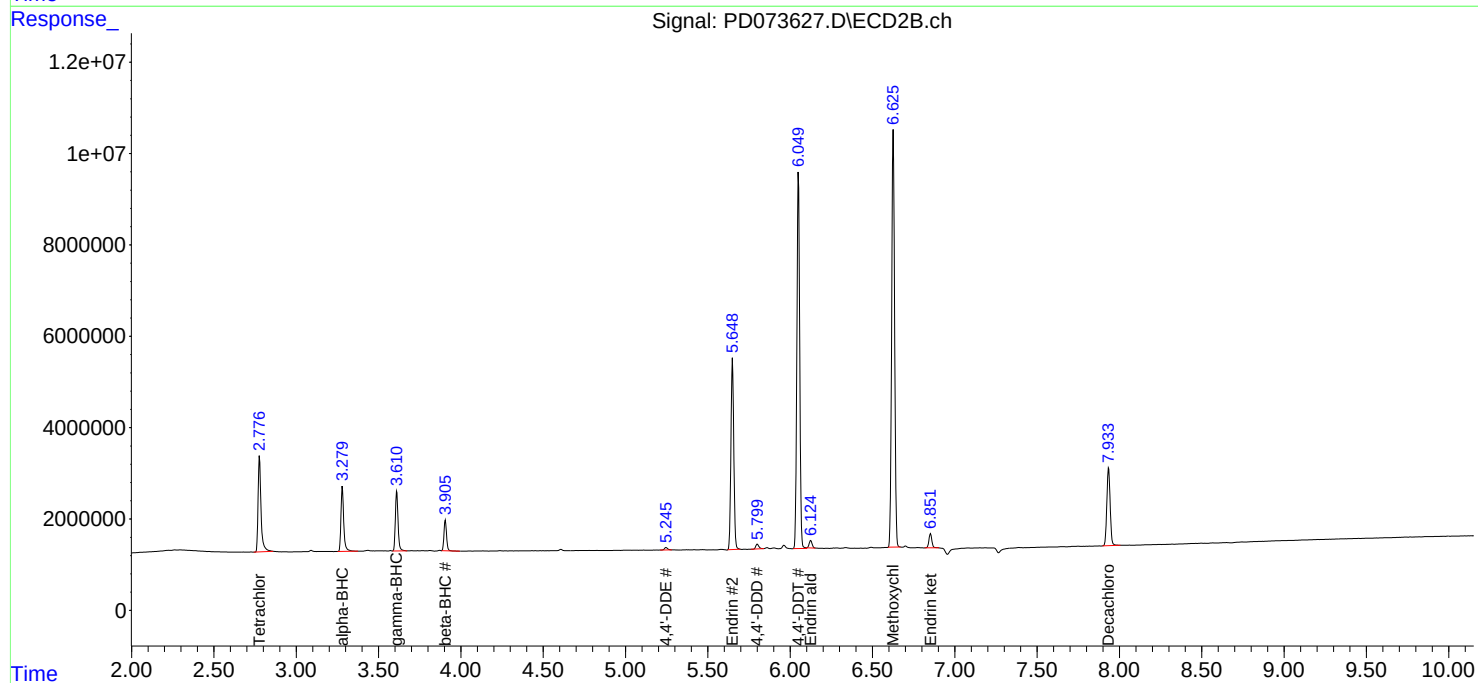
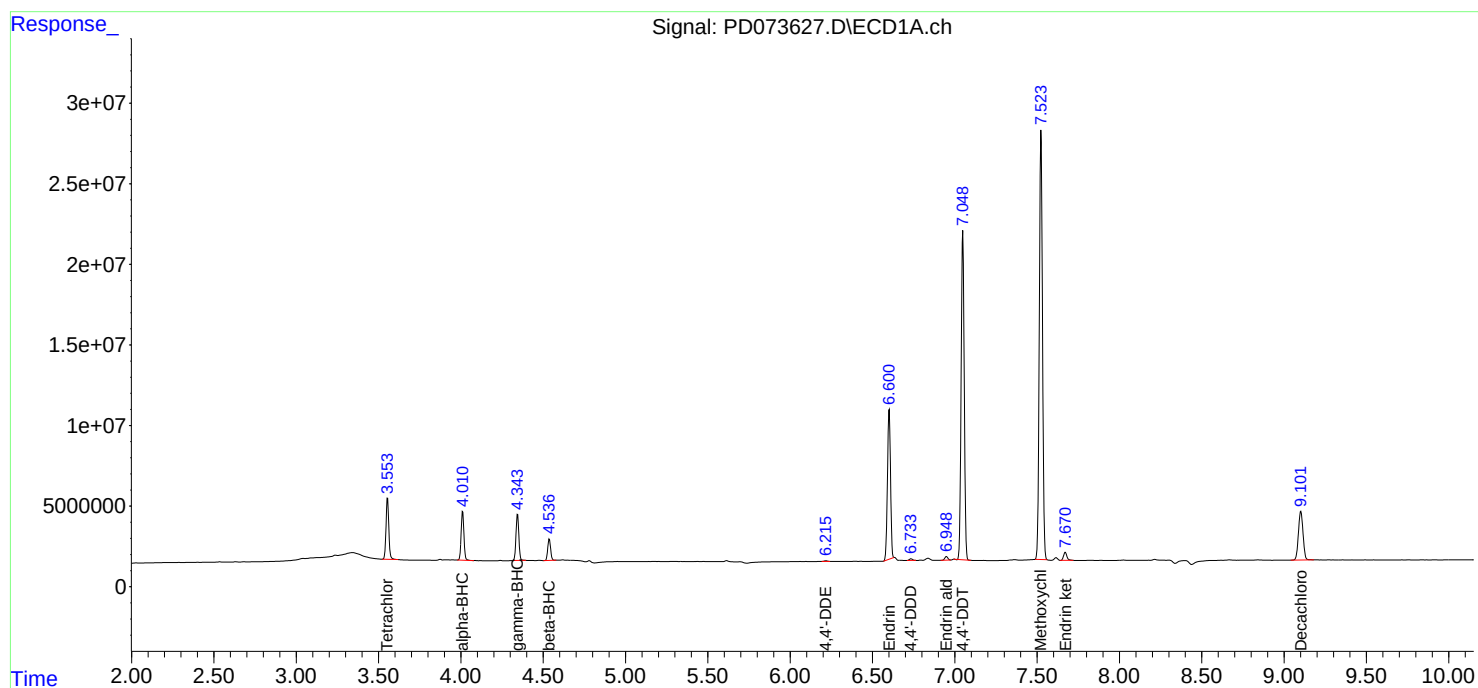
Instrument :
ECD_D
ClientSampleId :
PEM

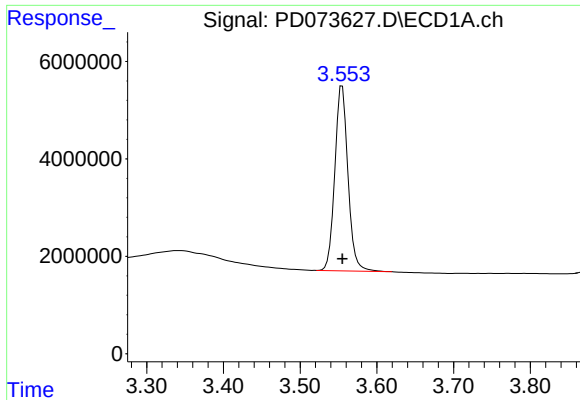
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Integration File signal 1: autoint1.e
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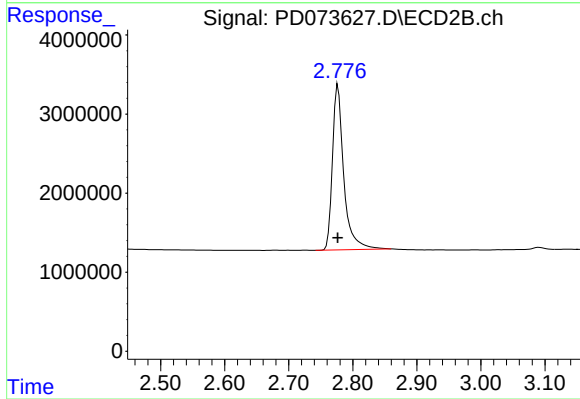
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 45180461
Conc: 19.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

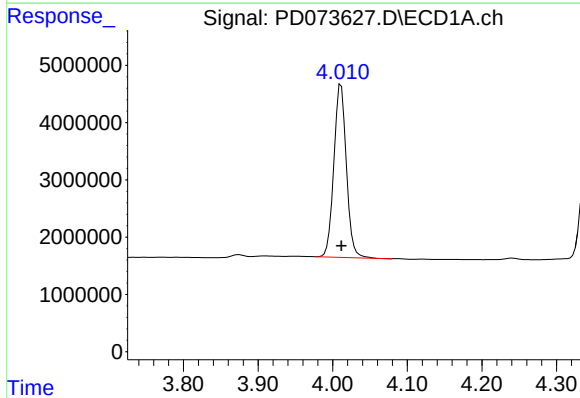
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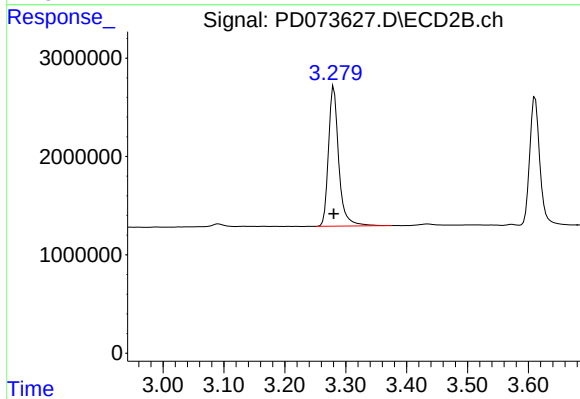
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 25749713
Conc: 20.23 ng/ml



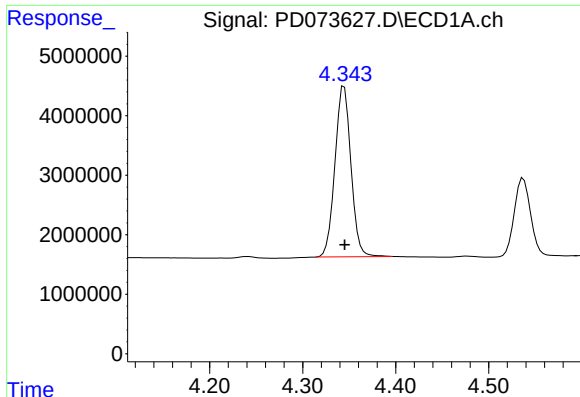
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 35169749
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 16664591
Conc: 9.78 ng/ml



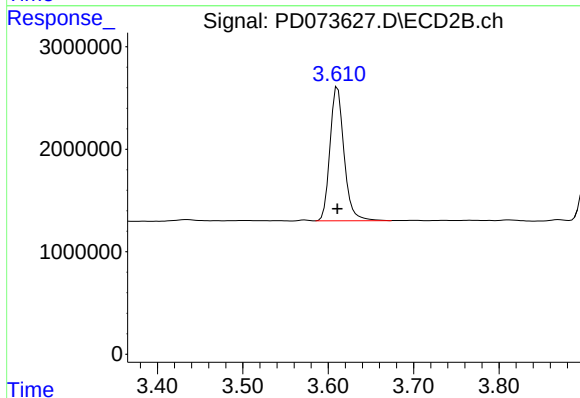
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 34306655
Conc: 9.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

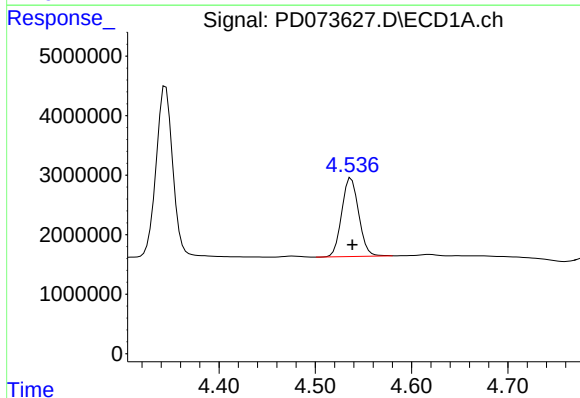
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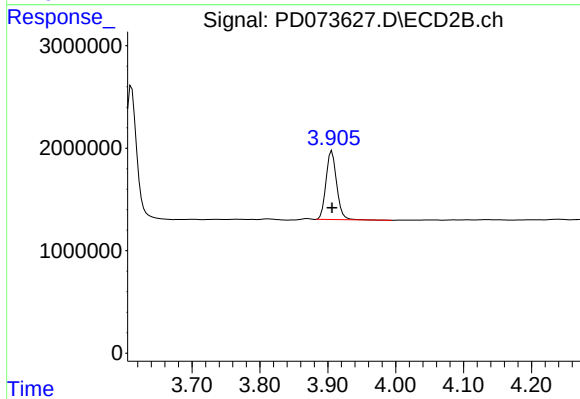
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 14976014
Conc: 9.96 ng/ml



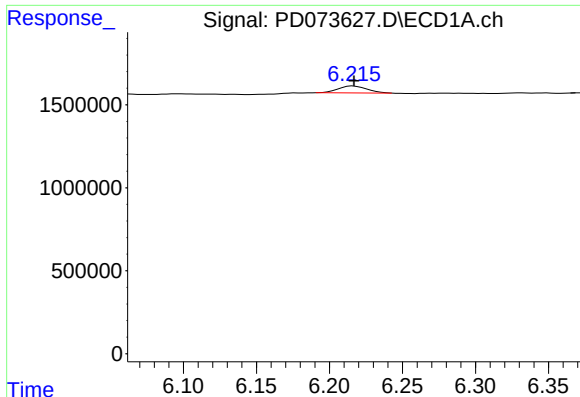
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 16127373
Conc: 10.40 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 7331862
Conc: 11.06 ng/ml



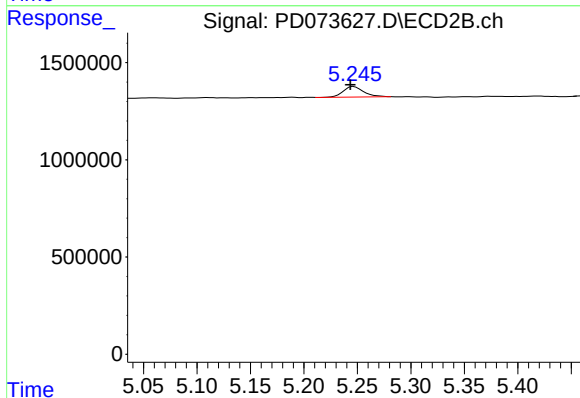
#12 4,4'-DDE

R.T.: 6.215 min
Delta R.T.: -0.002 min
Response: 575019
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#12 4,4'-DDE

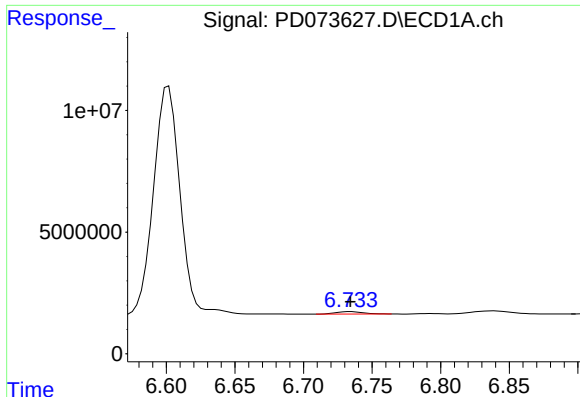
R.T.: 5.247 min
Delta R.T.: 0.003 min
Response: 727997
Conc: 0.55 ng/ml

#14 Endrin

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 120878514
Conc: 44.59 ng/ml

#14 Endrin

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 50650284
Conc: 45.55 ng/ml



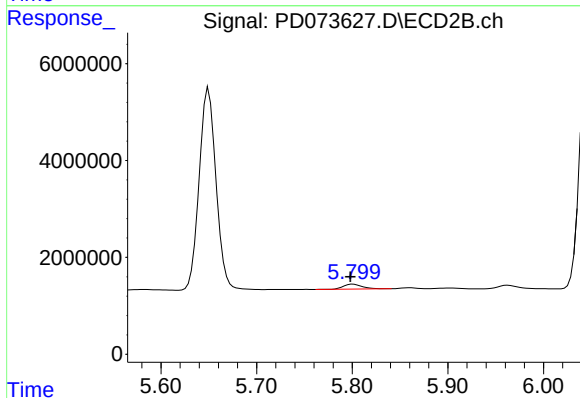
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.002 min
Response: 1366954
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

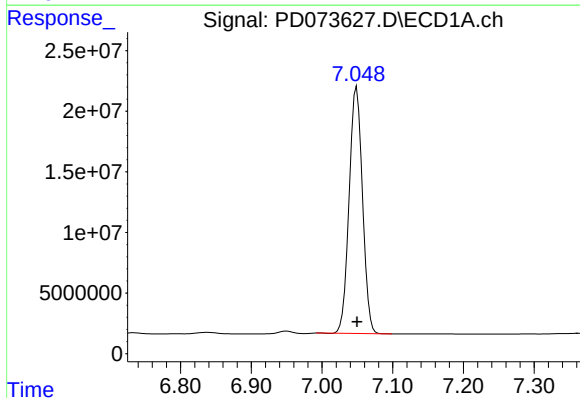
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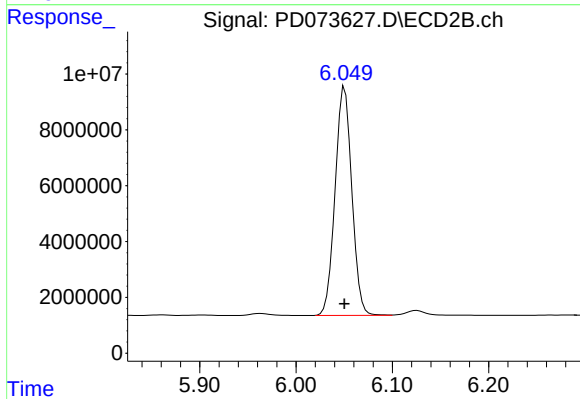
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.003 min
Response: 1403320
Conc: 1.36 ng/ml



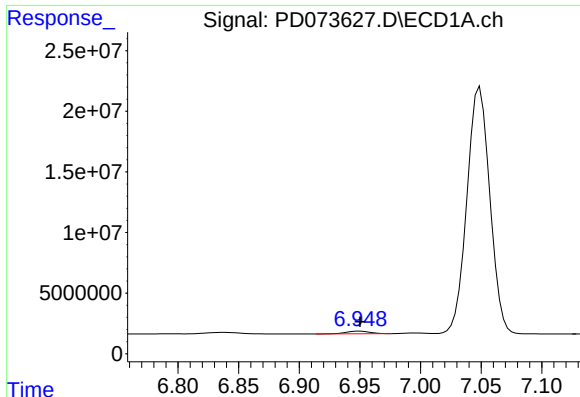
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 266978360
Conc: 95.89 ng/ml



#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 98898223
Conc: 96.01 ng/ml



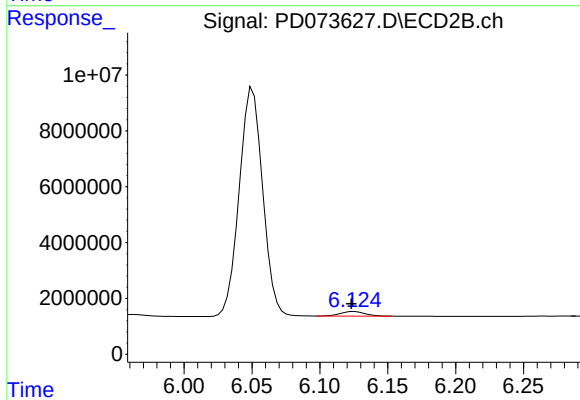
#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 2974436
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

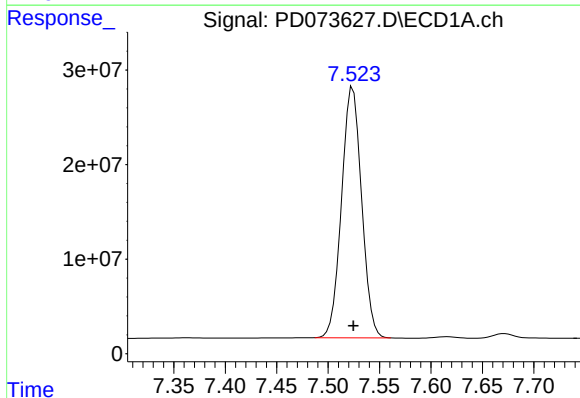
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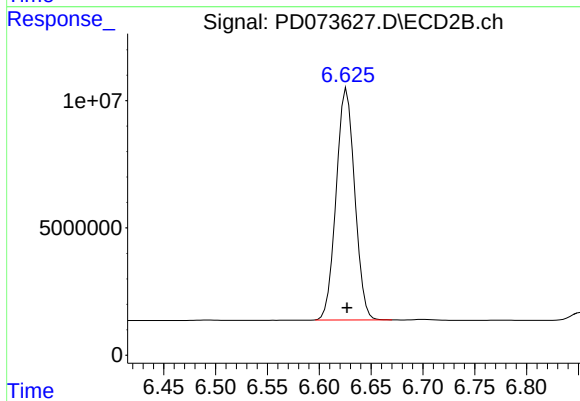
#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 2039410
Conc: 2.31 ng/ml m



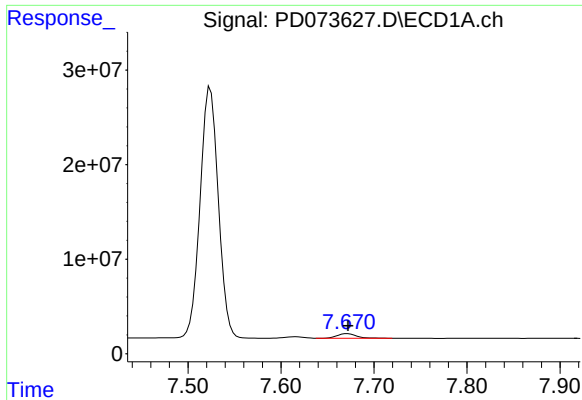
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 360041408
Conc: 232.42 ng/ml



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 113268053
Conc: 216.41 ng/ml



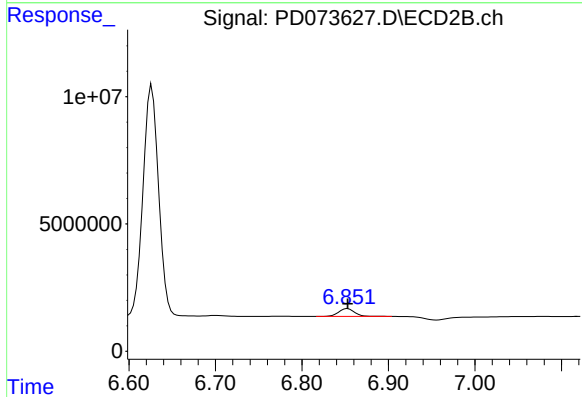
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: 0.000 min
Response: 6964094
Conc: 2.30 ng/ml

Instrument :
ECD_D
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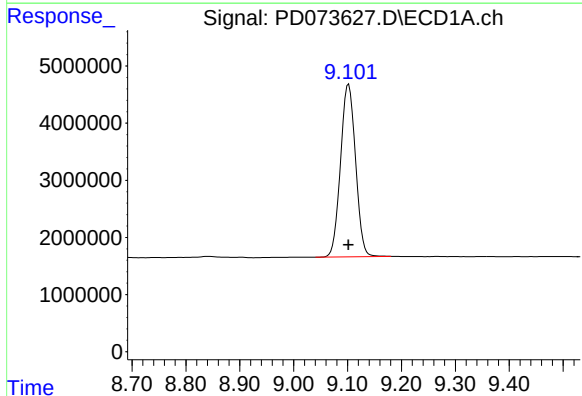
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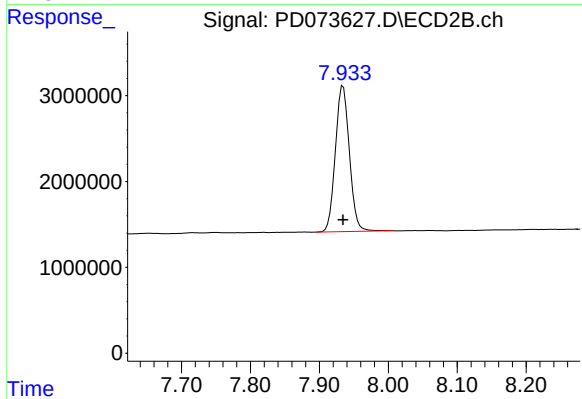
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 3914688
Conc: 3.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 58512812
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 24014280
Conc: 20.64 ng/ml