

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061523\
 Data File : PD075792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 15:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/16/2023
 Supervised By : Ankita Jodhani 06/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 03:51:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 03:47:52 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...	3.546	2.768	42863429	22342728	20.122	20.594
28)	SA Decachlor...	9.089	7.914	51731022	20069700	20.420	20.525
Target Compounds							
2)	A alpha-BHC	4.003	3.270	34714709	15541515	9.402	9.715
3)	MA gamma-BHC...	4.336	3.600	32573853	14383206	9.680	9.762
6)	B beta-BHC	4.532	3.897	14934807	7104845	10.388	11.146
12)	B 4,4'-DDE	6.210	5.229	408852	375505	0.143	0.336m#
14)	MA Endrin	6.592	5.634	126.3E6	57977589	48.687	47.640
16)	A 4,4'-DDD	6.728	5.785	801308	436514	0.352m	0.495m#
17)	MA 4,4'-DDT	7.040	6.034	244.8E6	93212462	107.868	114.752
18)	B Endrin al...	6.941	6.107	2107227	1744445	1.050	2.016m#
20)	A Methoxychlor	7.516	6.609	337.7E6	120.8E6	260.921	260.942
21)	B Endrin ke...	7.662	6.837	5782403	2915769	2.076	2.400

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

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Acq On : 15 Jun 2023 15:14
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

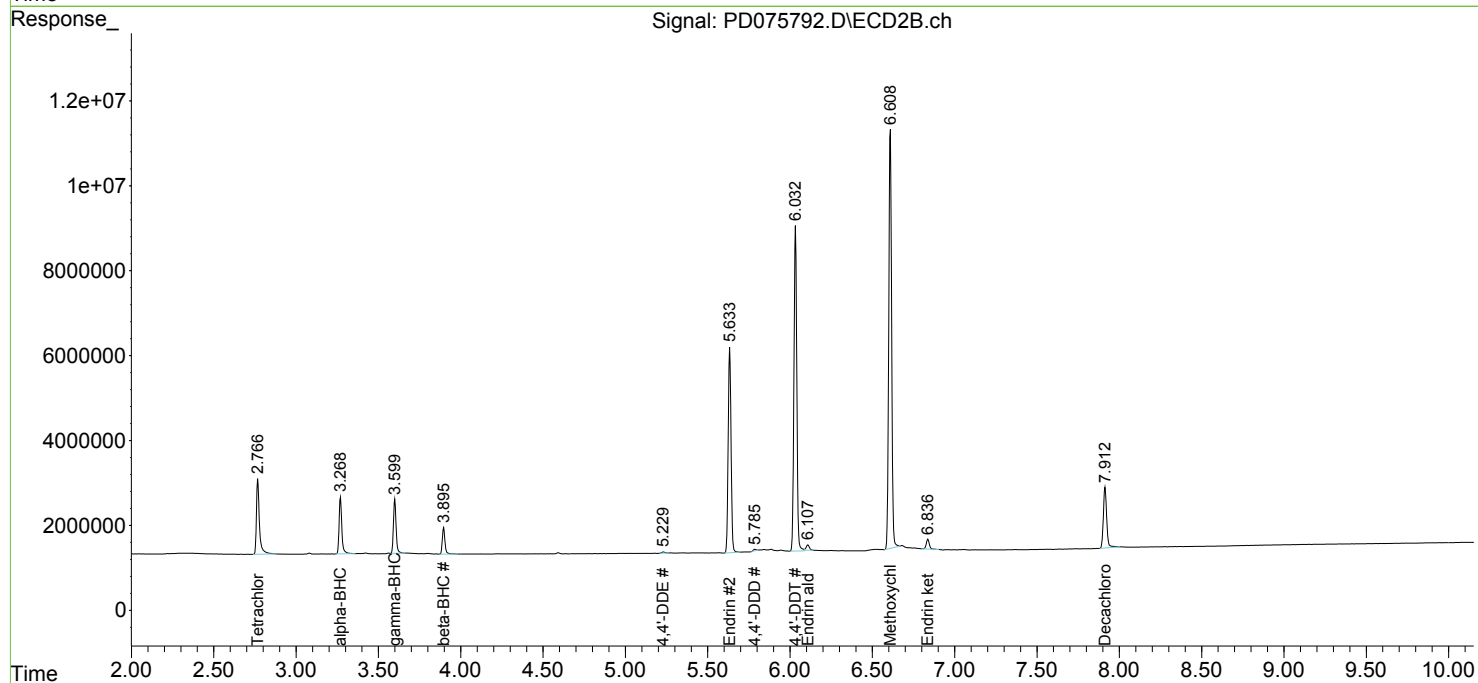
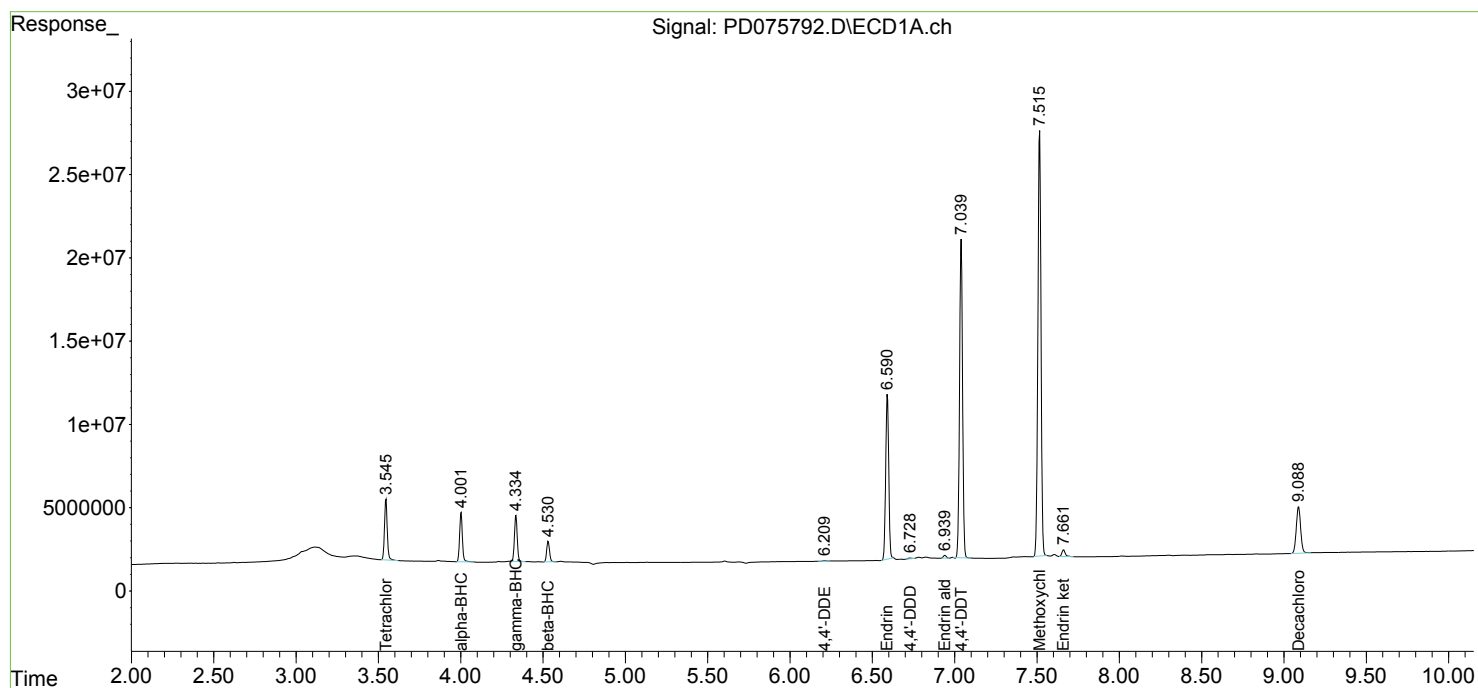
Instrument :
ECD_D
ClientSampleId :
PEM

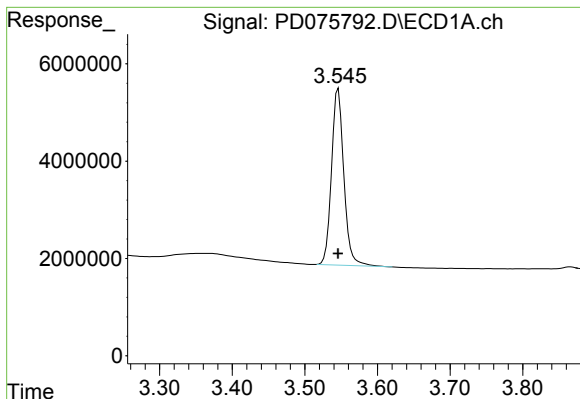
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Integration File signal 1: autoint1.e
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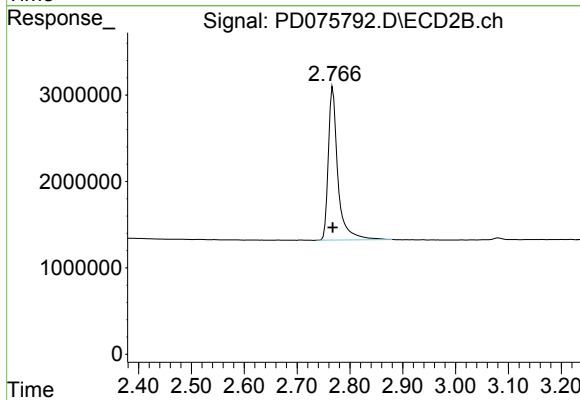
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 42863429
Conc: 20.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

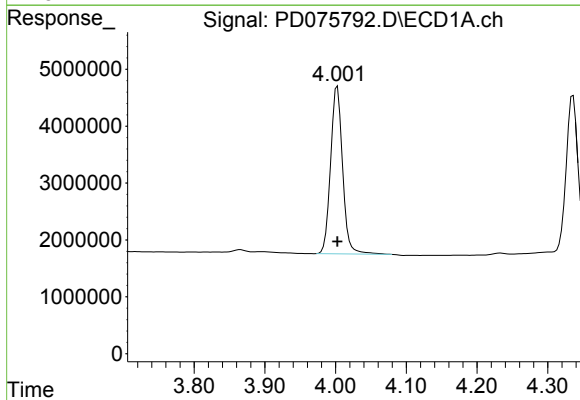
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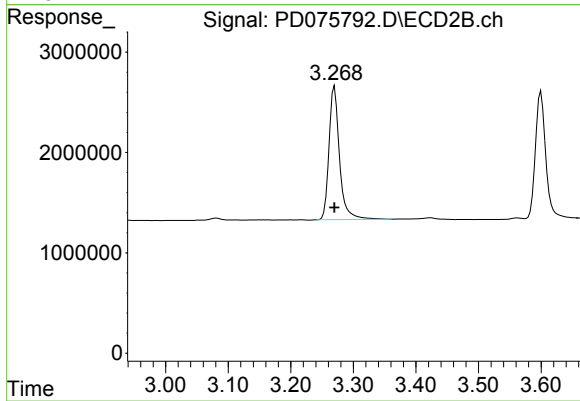
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 22342728
Conc: 20.59 ng/ml



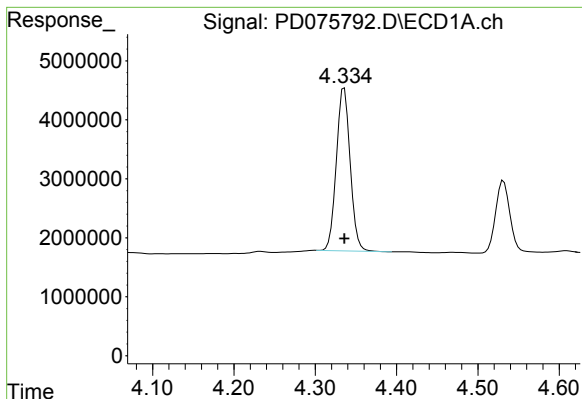
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 34714709
Conc: 9.40 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 15541515
Conc: 9.71 ng/ml



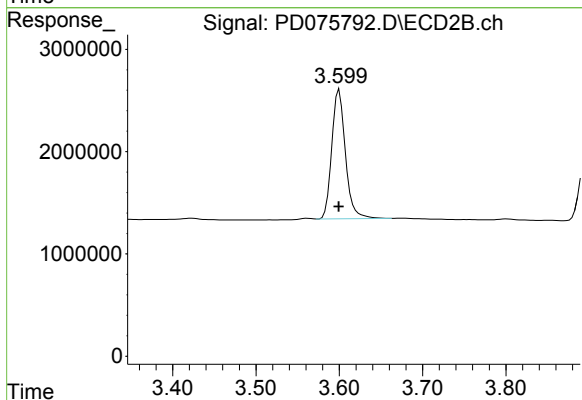
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 32573853
Conc: 9.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

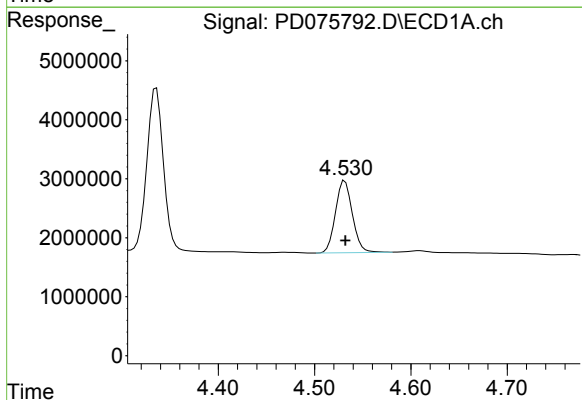
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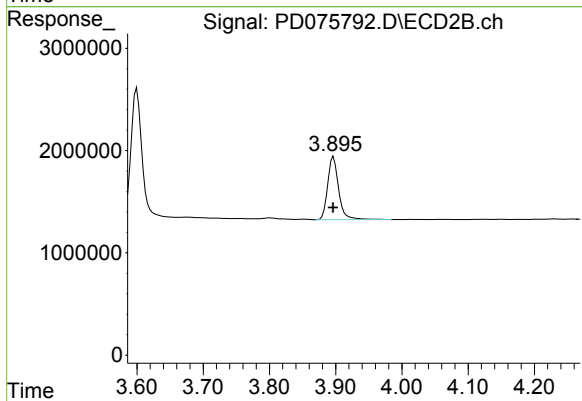
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 14383206
Conc: 9.76 ng/ml



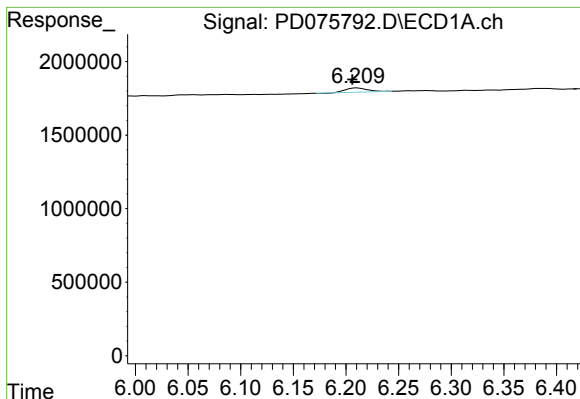
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 14934807
Conc: 10.39 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 7104845
Conc: 11.15 ng/ml



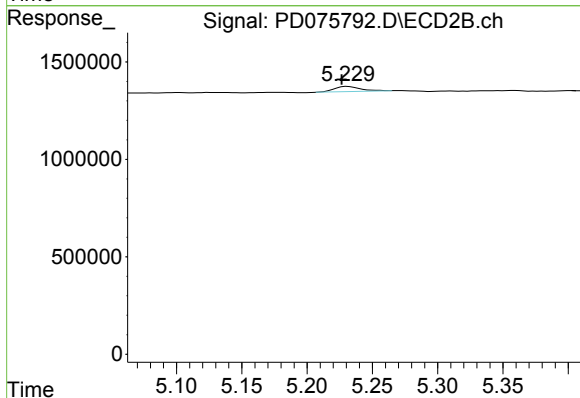
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.004 min
Response: 408852
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

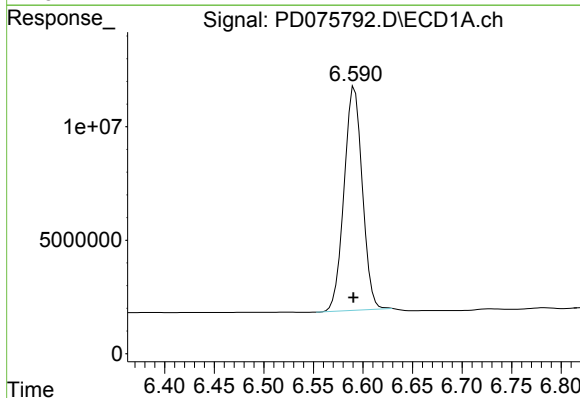
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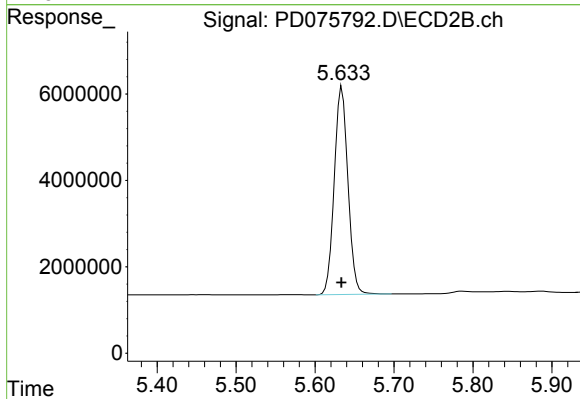
#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.003 min
Response: 375505
Conc: 0.34 ng/ml m



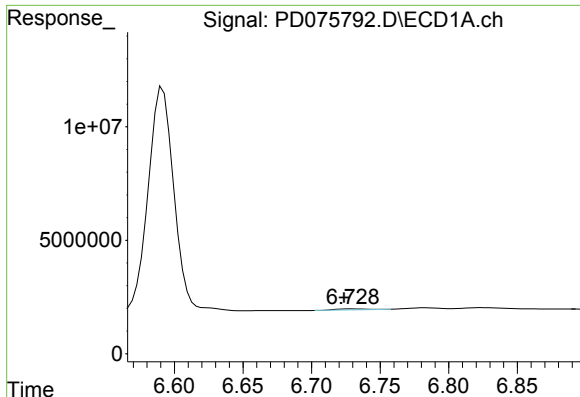
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 126301583
Conc: 48.69 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 57977589
Conc: 47.64 ng/ml



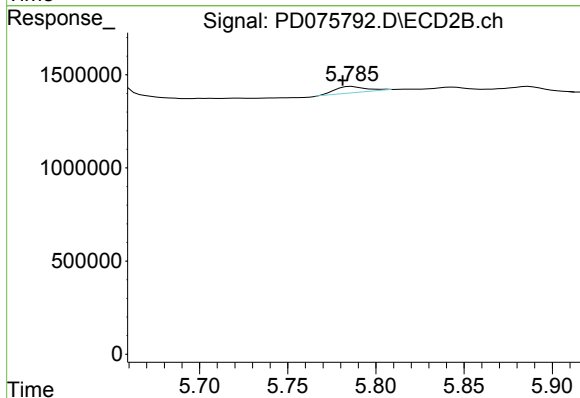
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.004 min
Response: 801308
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

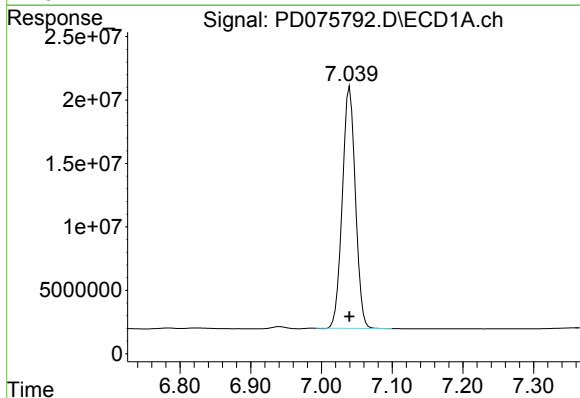
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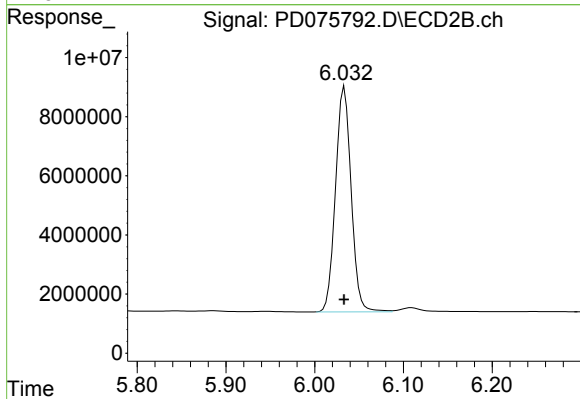
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.004 min
Response: 436514
Conc: 0.50 ng/ml m



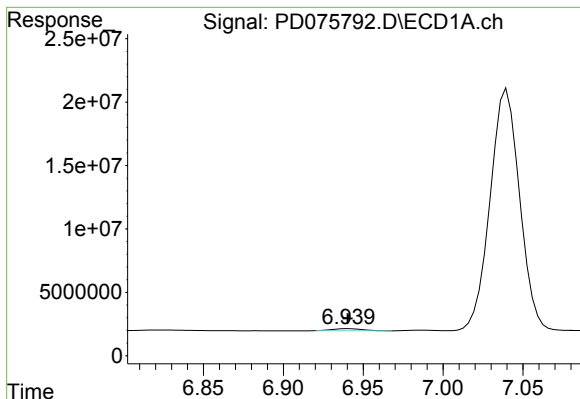
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 244780053
Conc: 107.87 ng/ml



#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 93212462
Conc: 114.75 ng/ml



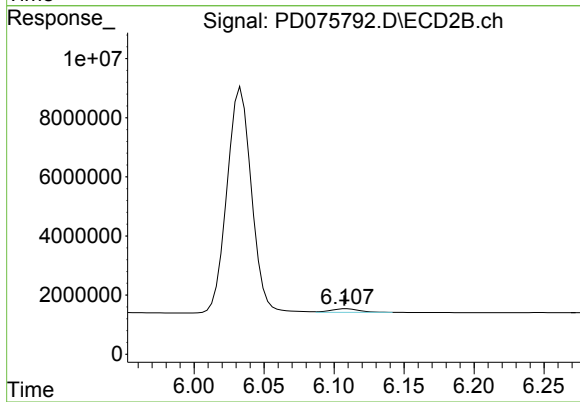
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 2107227
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

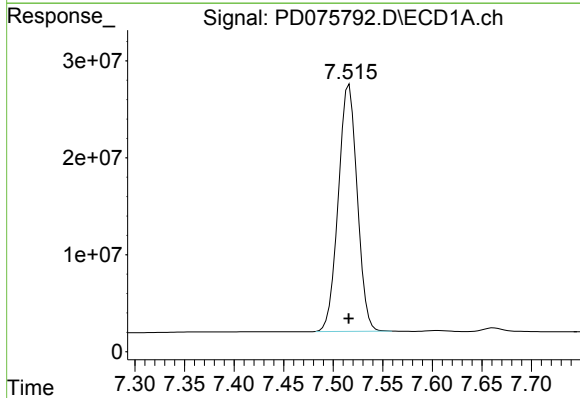
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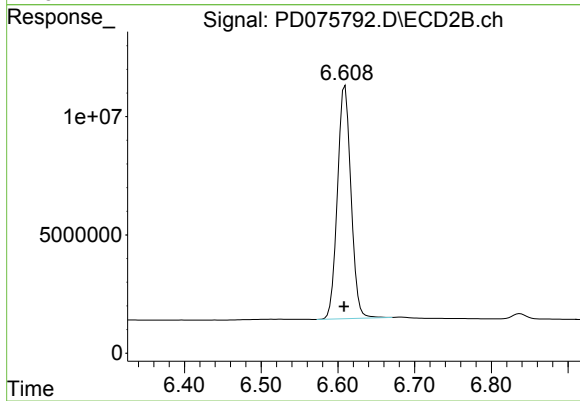
#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 1744445
Conc: 2.02 ng/ml m



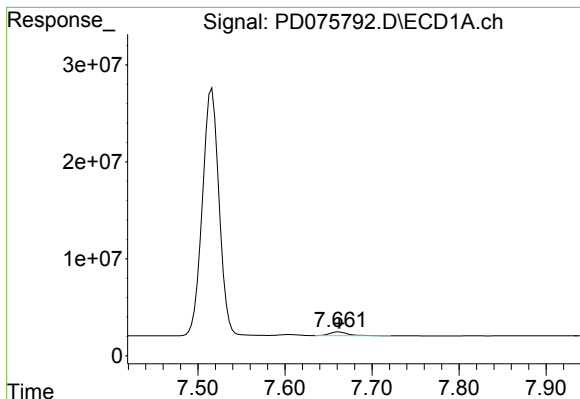
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 337734225
Conc: 260.92 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.001 min
Response: 120775392
Conc: 260.94 ng/ml



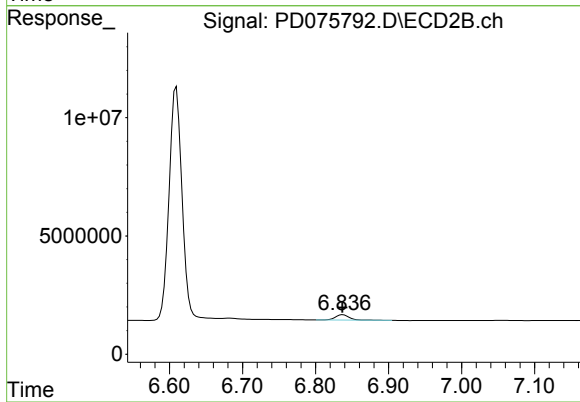
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 5782403
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

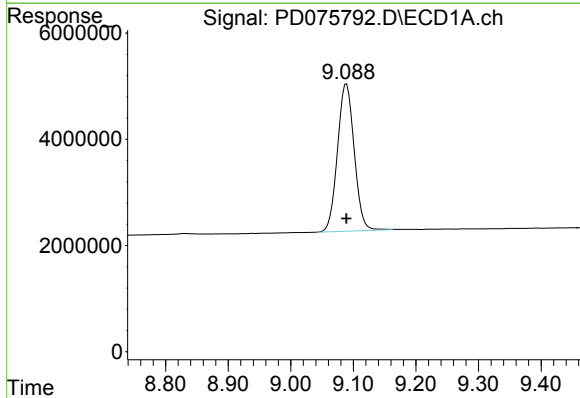
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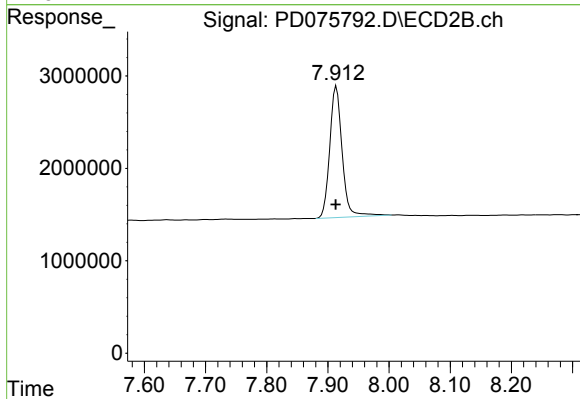
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 2915769
Conc: 2.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 51731022
Conc: 20.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 20069700
Conc: 20.53 ng/ml