

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081118\
 Data File : PD048813.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Aug 2018 14:14
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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 8/11/2018 10:19:10 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 01:16:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073118.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 01 04:28:20 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.370	3.968	24794827	360.1E6	22.365	26.824
28)	SA Decachlor...	8.068	8.994	29125860	336.1E6	20.800	22.256
Target Compounds							
2)	A alpha-BHC	3.801	4.348	20148319	296.7E6	10.516	13.053
3)	MA gamma-BHC...	4.079	4.629	21830923	283.9E6	12.035	13.728
6)	B beta-BHC	4.327	4.789	7841717	105.7E6	10.987	12.688
12)	B 4,4'-DDE	5.499	6.286	273593	11945783	0.175	0.753m#
14)	MA Endrin	5.878	6.649	76671763	860.6E6	48.017	53.060
16)	A 4,4'-DDD	6.008	6.770	955614	22267374	0.682m	1.756 #
17)	MA 4,4'-DDT	6.246	7.068	154.1E6	1518.0E6	108.730	118.073
18)	B Endrin al...	6.321	6.974	786757	27315041	0.657	2.054 #
20)	A Methoxychlor	6.796	7.521	188.3E6	1542.6E6	241.683	255.684
21)	B Endrin ke...	7.019	7.659	3120919	29952884	1.833	1.978m

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

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Acq On : 10 Aug 2018 14:14
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

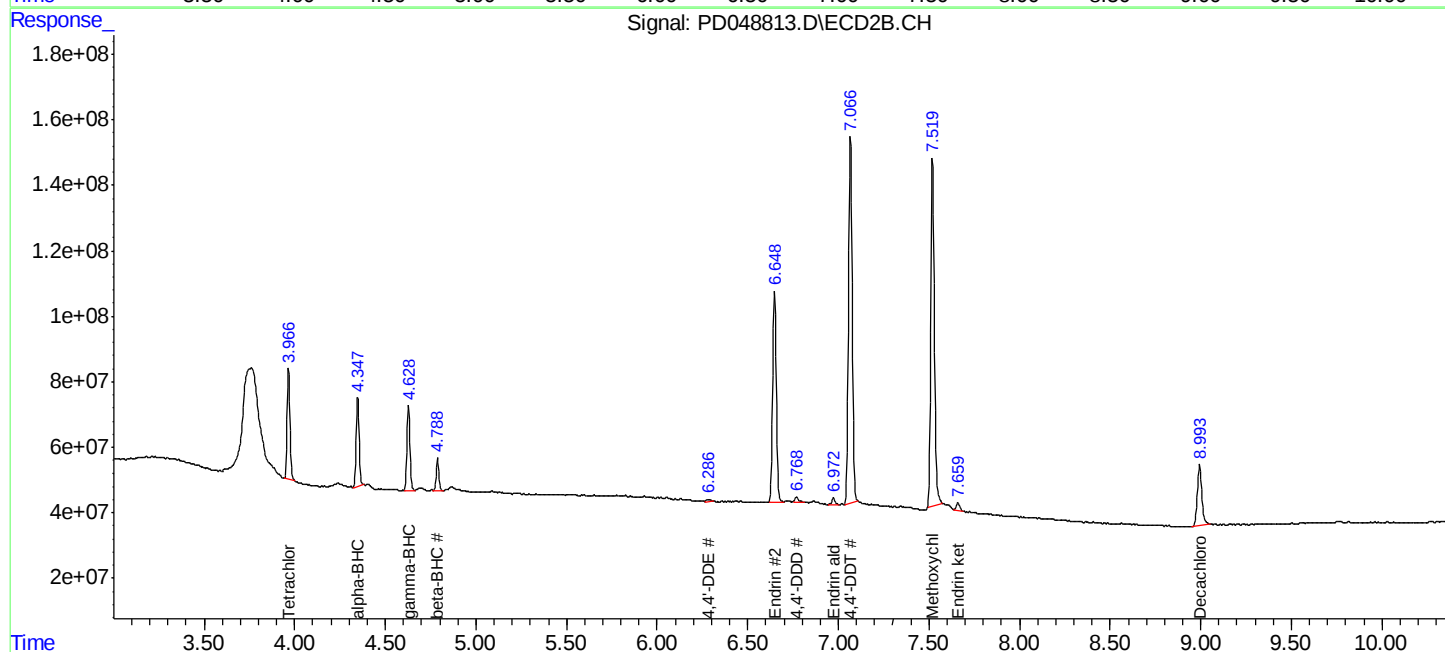
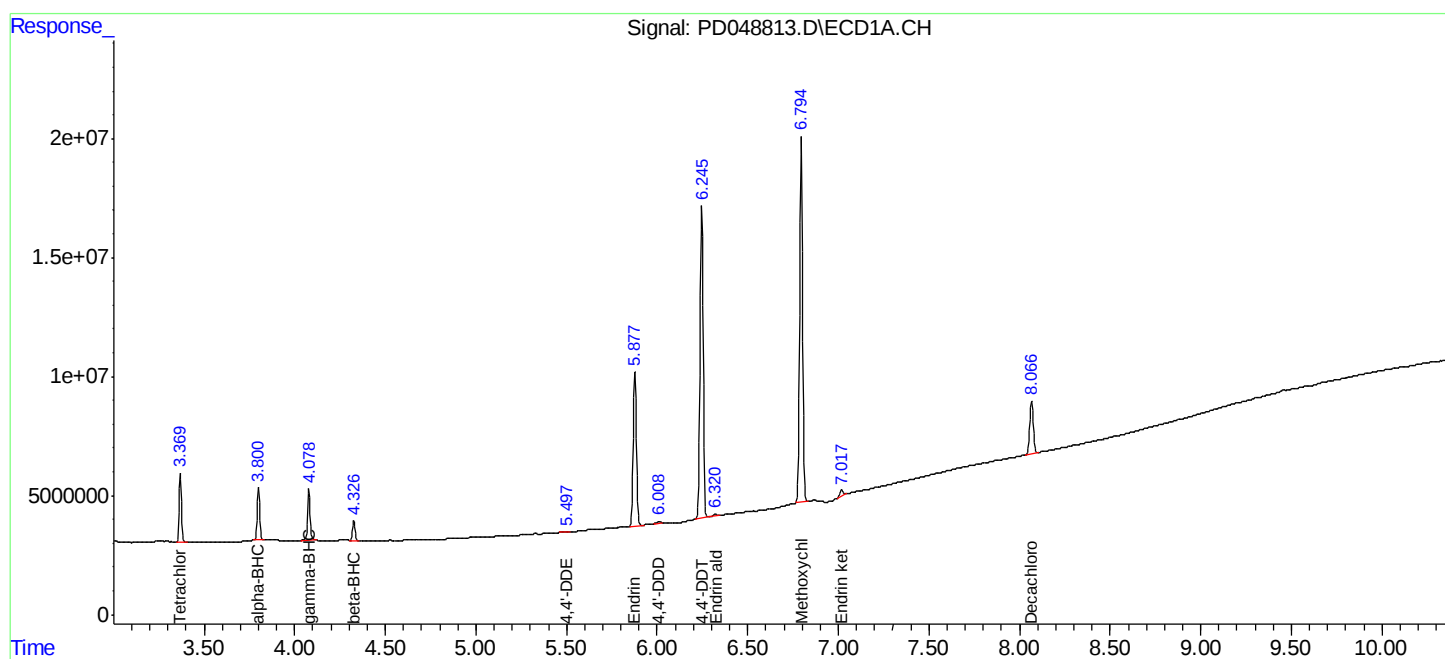
Instrument :
ECD_D
ClientSampleId :
PEM

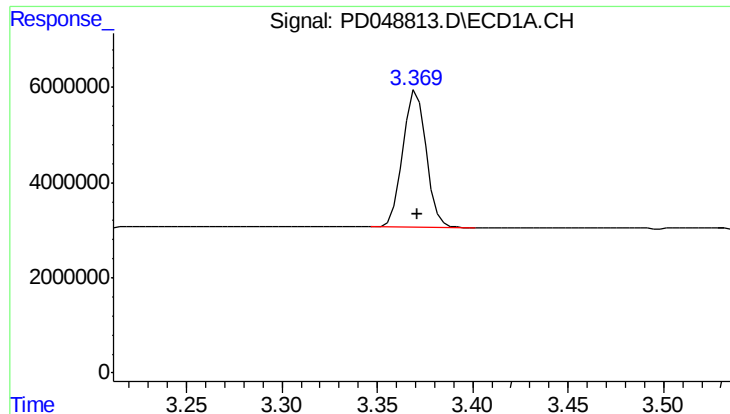
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Integration File signal 1: autoint1.e
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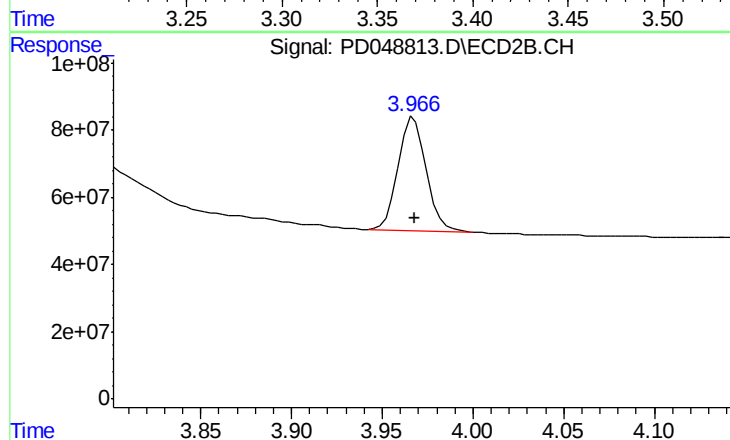
#1 Tetrachloro-m-xylene

R.T.: 3.370 min
Delta R.T.: 0.000 min
Response: 24794827
Conc: 22.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

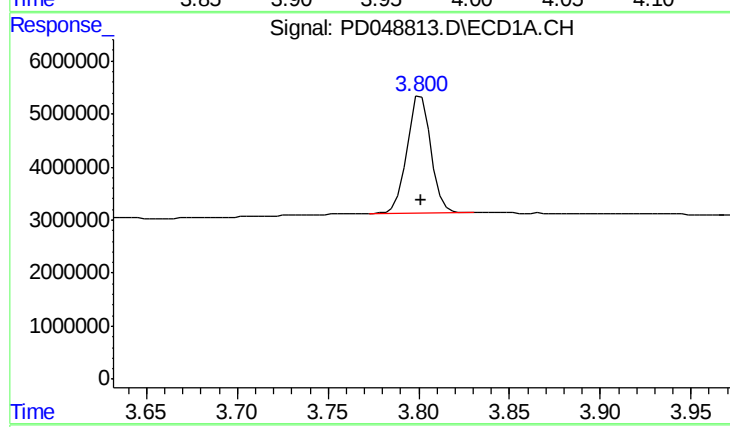
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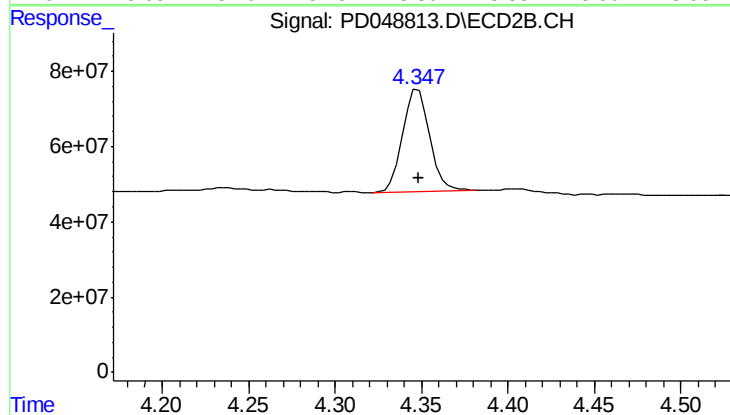
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 360085829
Conc: 26.82 ng/ml



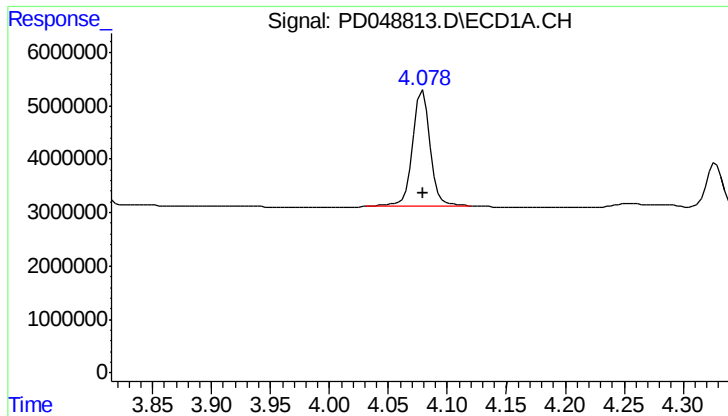
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 20148319
Conc: 10.52 ng/ml



#2 alpha-BHC

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 296689162
Conc: 13.05 ng/ml



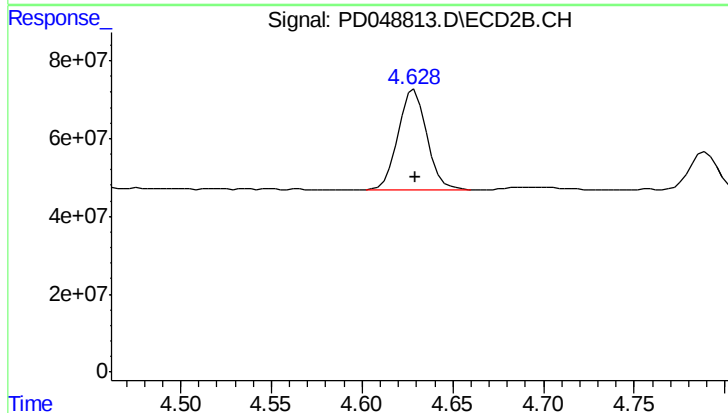
#3 gamma-BHC (Lindane)

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 21830923
Conc: 12.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

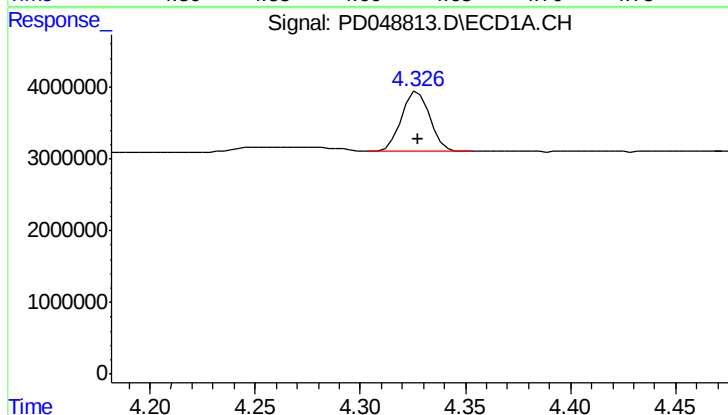
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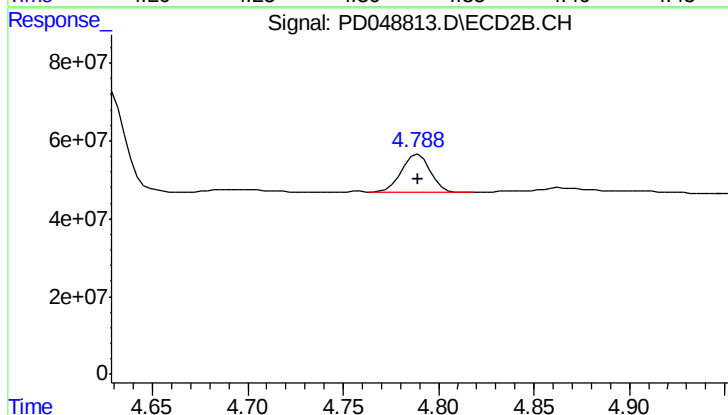
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 283897035
Conc: 13.73 ng/ml



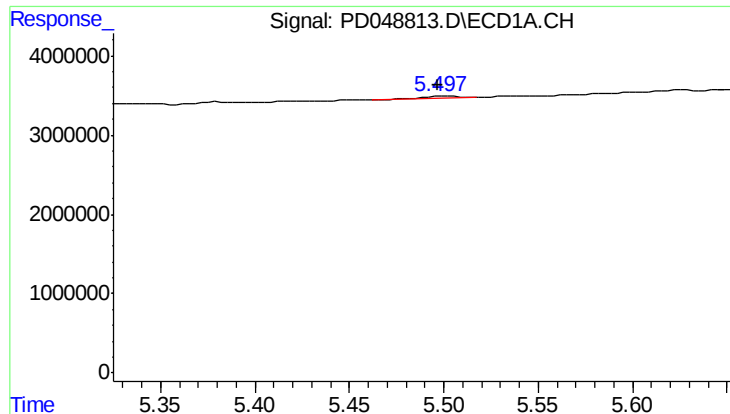
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 7841717
Conc: 10.99 ng/ml



#6 beta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 105659674
Conc: 12.69 ng/ml



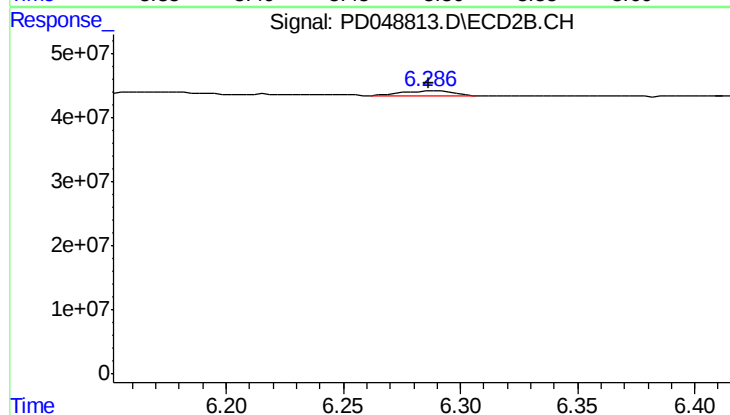
#12 4,4'-DDE

R.T.: 5.499 min
Delta R.T.: 0.003 min
Response: 273593
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

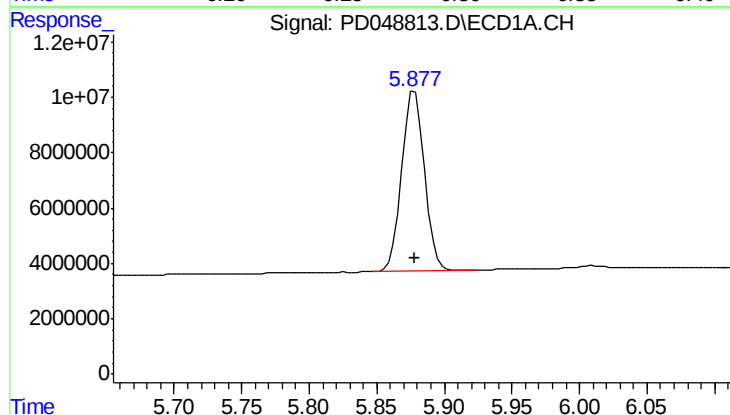
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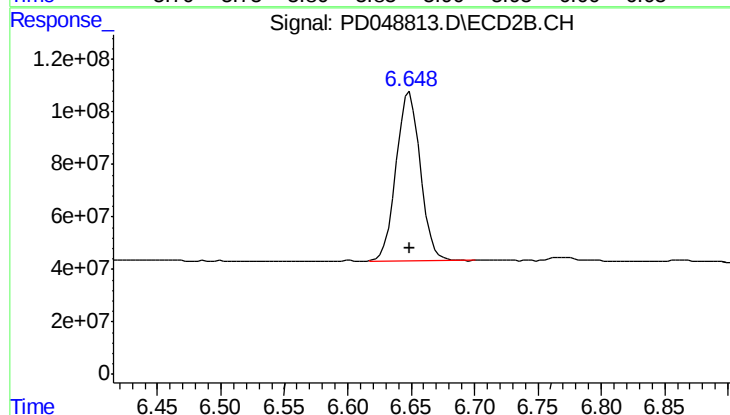
#12 4,4'-DDE

R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 11945783
Conc: 0.75 ng/ml m



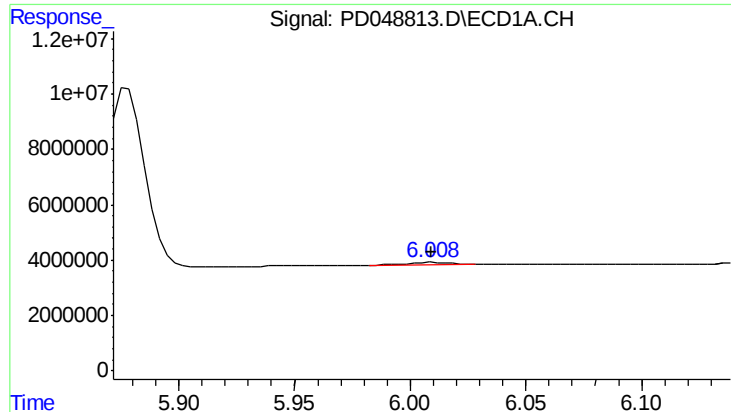
#14 Endrin

R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 76671763
Conc: 48.02 ng/ml



#14 Endrin

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 860607759
Conc: 53.06 ng/ml



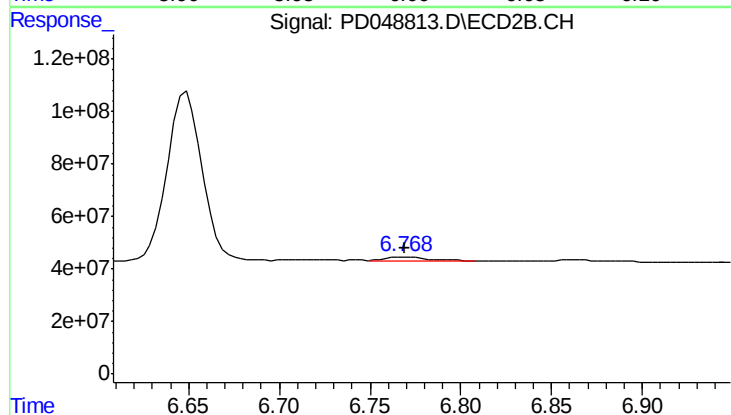
#16 4,4'-DDD

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 955614
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

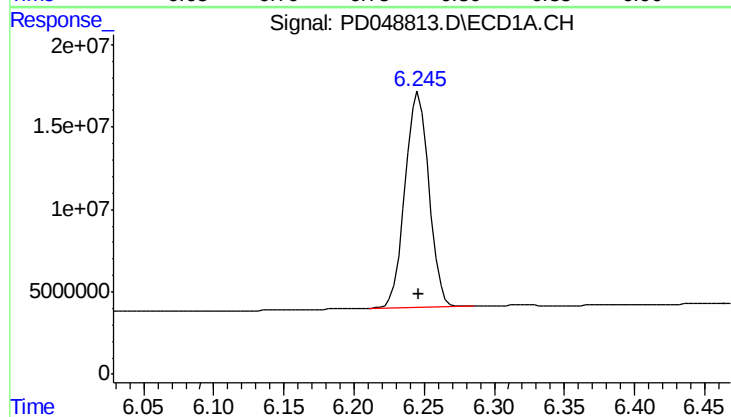
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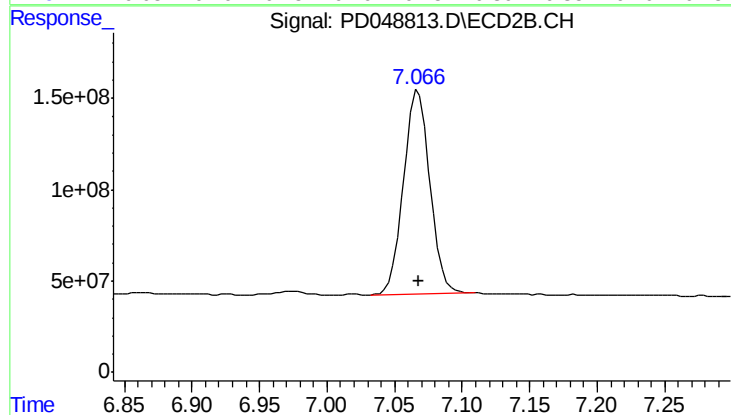
#16 4,4'-DDD

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 22267374
Conc: 1.76 ng/ml



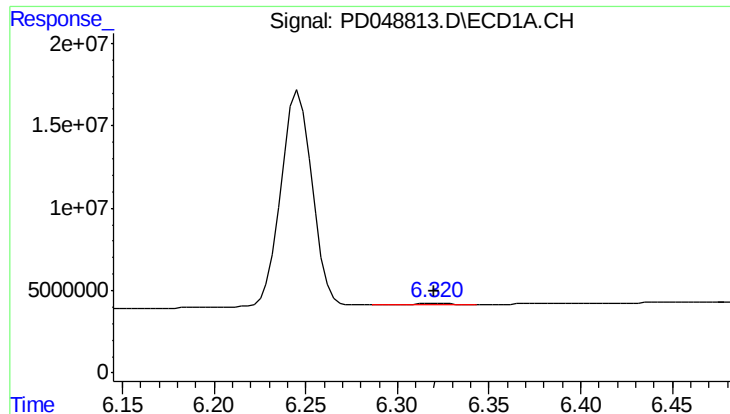
#17 4,4'-DDT

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 154121929
Conc: 108.73 ng/ml



#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 1517971059
Conc: 118.07 ng/ml



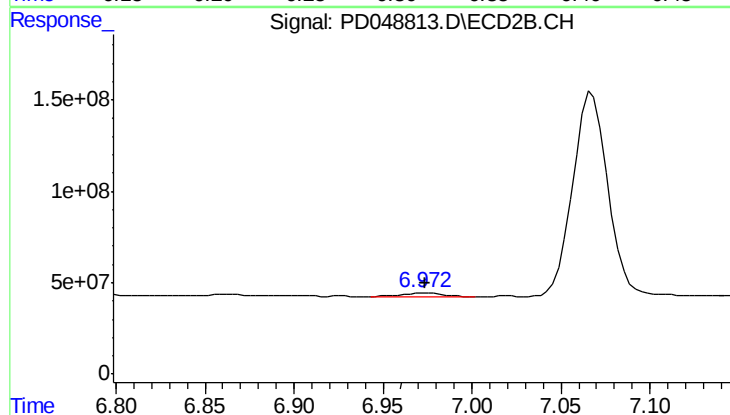
#18 Endrin aldehyde

R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 786757
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

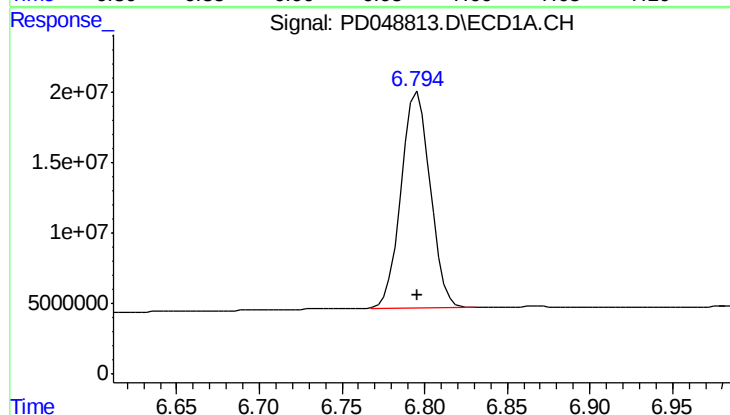
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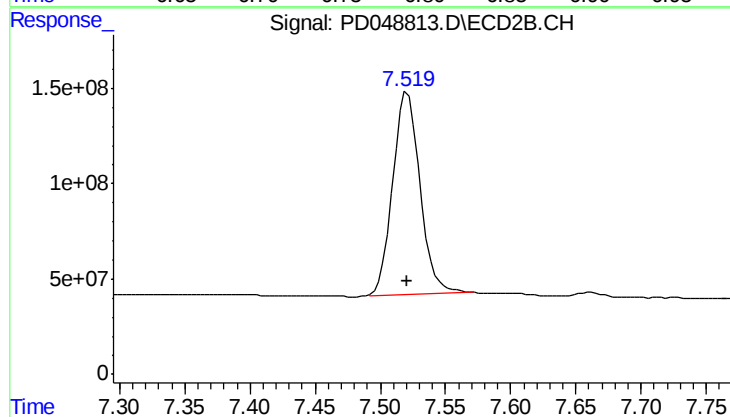
#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 27315041
Conc: 2.05 ng/ml



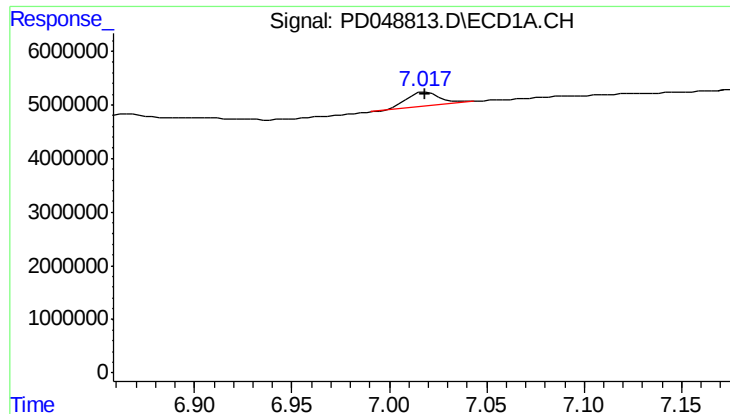
#20 Methoxychlor

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 188256159
Conc: 241.68 ng/ml



#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.000 min
Response: 1542594282
Conc: 255.68 ng/ml



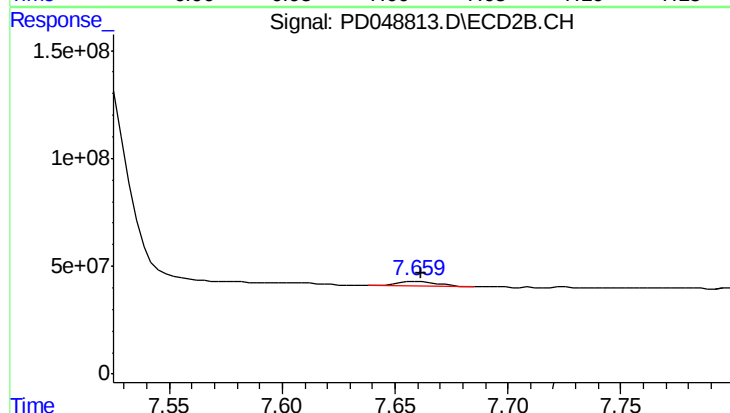
#21 Endrin ketone

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 3120919
Conc: 1.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

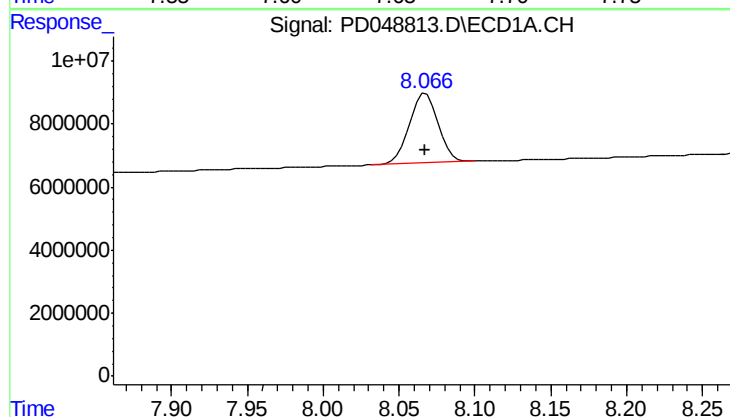
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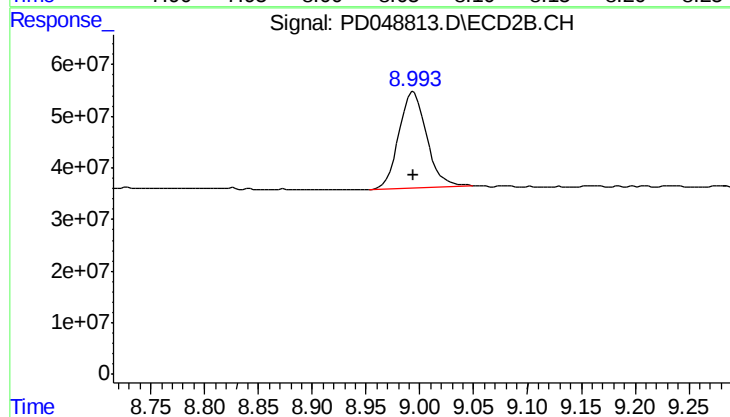
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 29952884
Conc: 1.98 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 29125860
Conc: 20.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 336128328
Conc: 22.26 ng/ml