

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010620\
 Data File : PL055542.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2020 10:22
 Operator : AJ\MA
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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mohammad
 1/7/2020 10:00:30 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 00:54:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010320.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 04 01:07:28 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.501	4.012	210.5E6	57815123	21.855	20.442
28)	SA Decachlor...	8.263	9.085	185.9E6	46125446	21.974	20.827
Target Compounds							
2)	A alpha-BHC	3.941	4.401	162.8E6	39487898	10.089	9.331
3)	MA gamma-BHC...	4.226	4.685	144.5E6	36890874	9.622	9.350
6)	B beta-BHC	4.476	4.855	64133595	19331146	10.350	11.050
12)	B 4,4'-DDE	5.669	6.343	4155159	945854	0.358m	0.347m
14)	MA Endrin	6.063	6.714	562.2E6	108.2E6	48.394	44.897
16)	A 4,4'-DDD	6.189	6.839	20021600	5811712	2.406	2.706
17)	MA 4,4'-DDT	6.428	7.137	858.4E6	185.4E6	99.021	76.715
18)	B Endrin al...	6.501	7.047	4668918	840914	0.520m	0.406m
20)	A Methoxychlor	6.972	7.598	934.6E6	230.0E6	202.720	190.884
21)	B Endrin ke...	7.205	7.745	15268323	3988599	1.318m	1.649 #

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

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Acq On : 06 Jan 2020 10:22
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

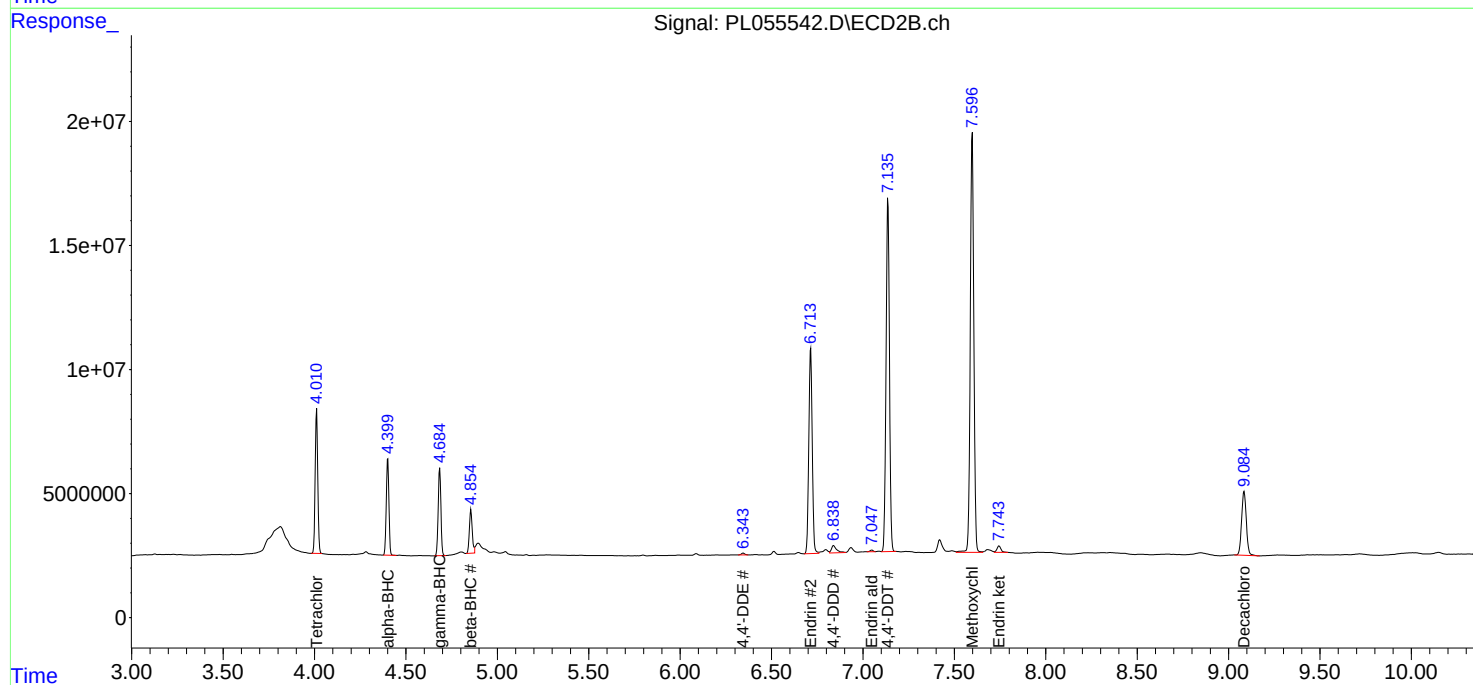
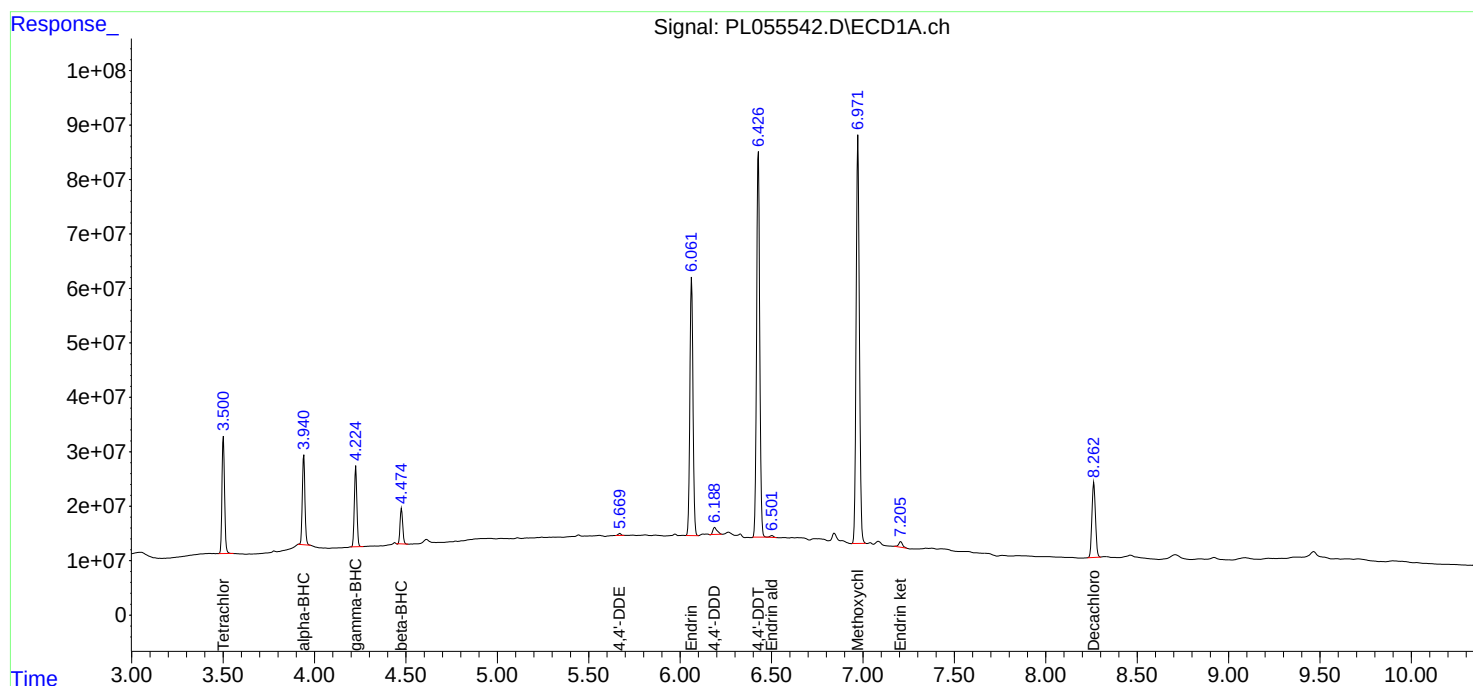
Instrument :
ECD_L
ClientSampleId :
PEM

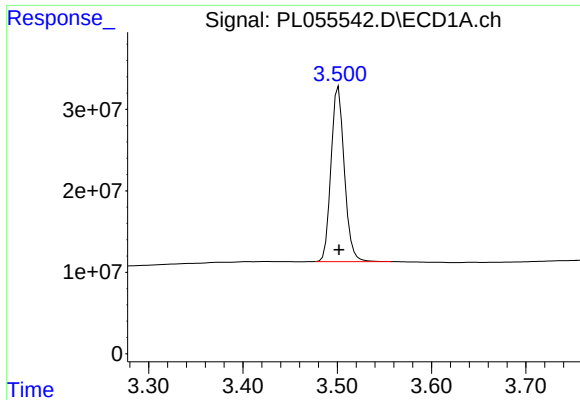
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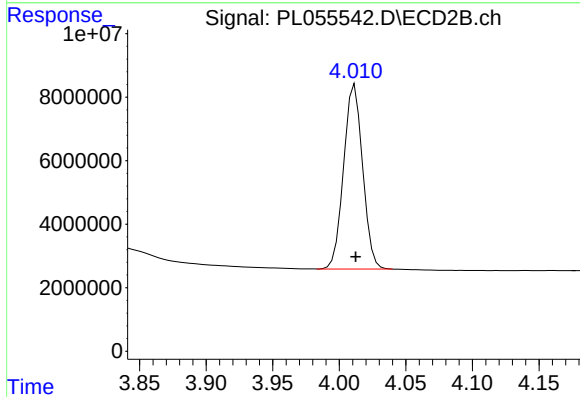
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: 0.000 min
Response: 210516510
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

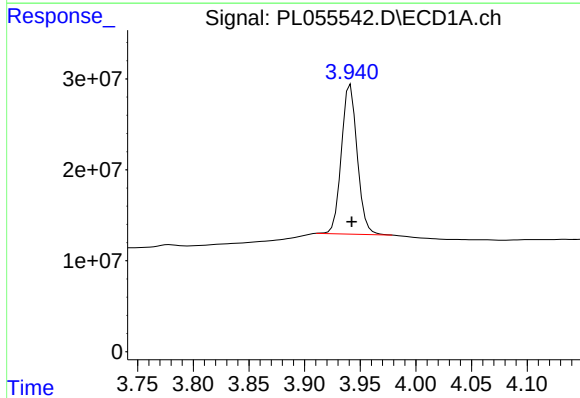
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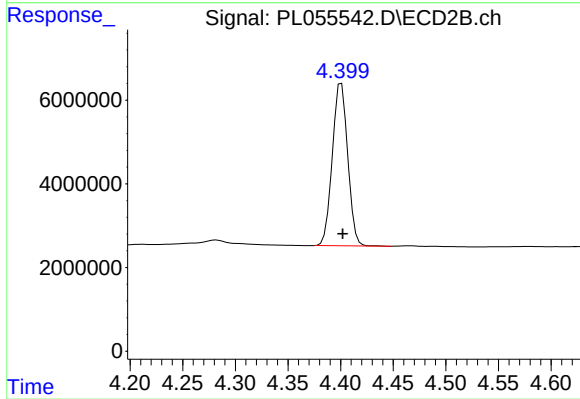
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 57815123
Conc: 20.44 ng/ml



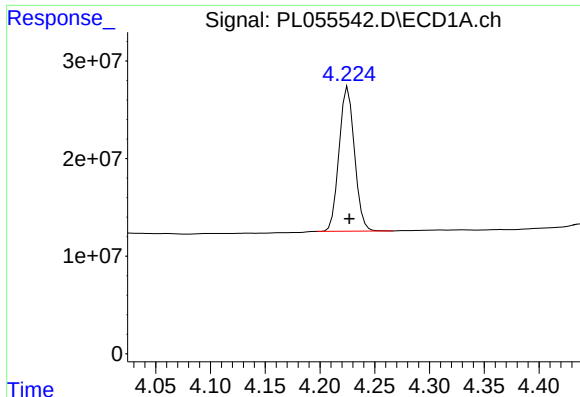
#2 alpha-BHC

R.T.: 3.941 min
Delta R.T.: -0.001 min
Response: 162768999
Conc: 10.09 ng/ml



#2 alpha-BHC

R.T.: 4.401 min
Delta R.T.: -0.001 min
Response: 39487898
Conc: 9.33 ng/ml



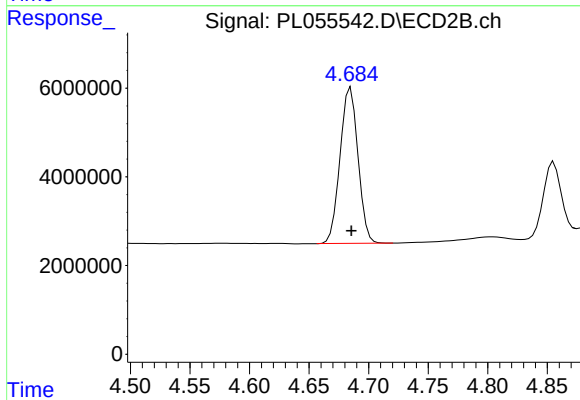
#3 gamma-BHC (Lindane)

R.T.: 4.226 min
Delta R.T.: -0.001 min
Response: 144489636
Conc: 9.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

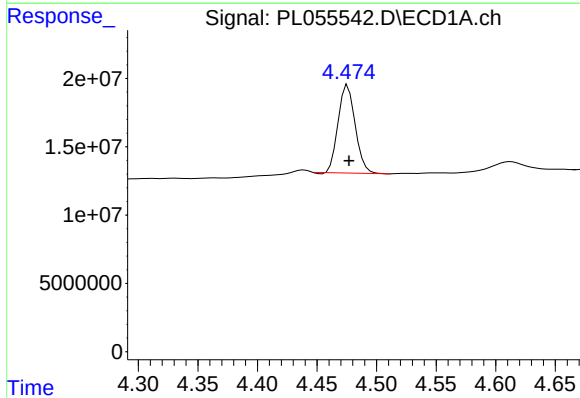
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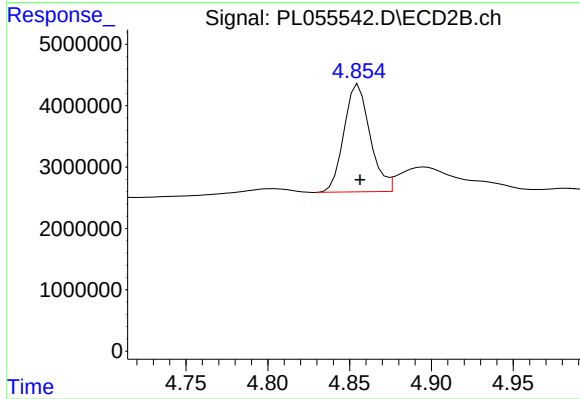
#3 gamma-BHC (Lindane)

R.T.: 4.685 min
Delta R.T.: 0.000 min
Response: 36890874
Conc: 9.35 ng/ml



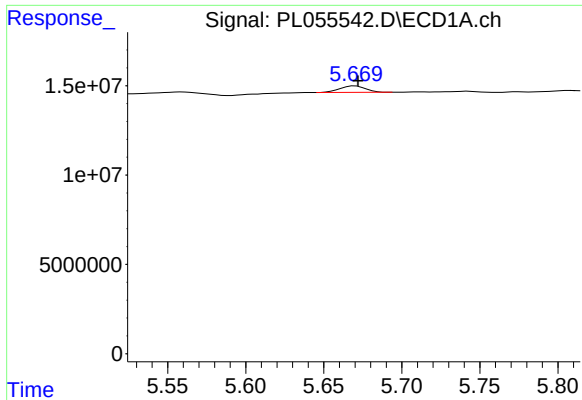
#6 beta-BHC

R.T.: 4.476 min
Delta R.T.: -0.001 min
Response: 64133595
Conc: 10.35 ng/ml



#6 beta-BHC

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 19331146
Conc: 11.05 ng/ml



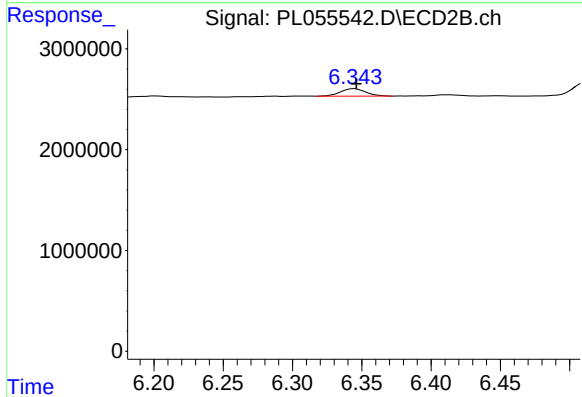
#12 4,4'-DDE

R.T.: 5.669 min
Delta R.T.: -0.003 min
Response: 4155159
Conc: 0.36 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

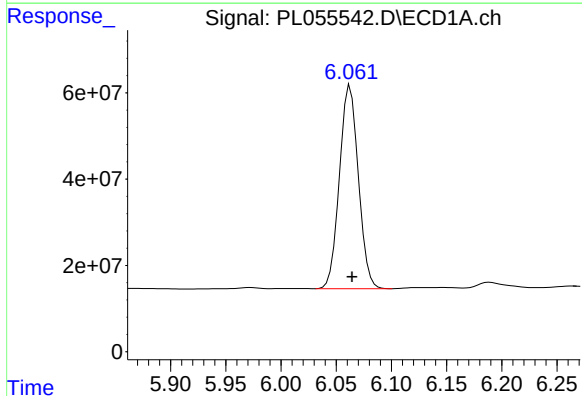
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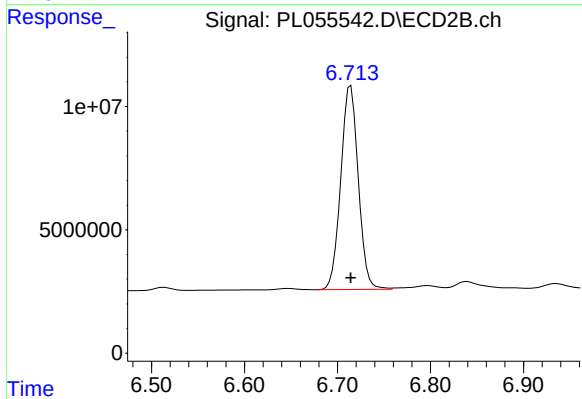
#12 4,4'-DDE

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 945854
Conc: 0.35 ng/ml m



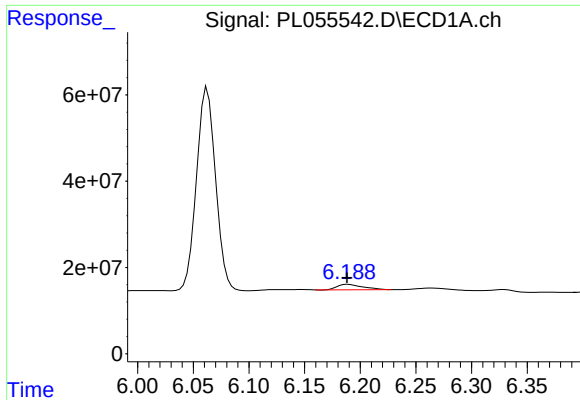
#14 Endrin

R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 562201914
Conc: 48.39 ng/ml



#14 Endrin

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 108191701
Conc: 44.90 ng/ml



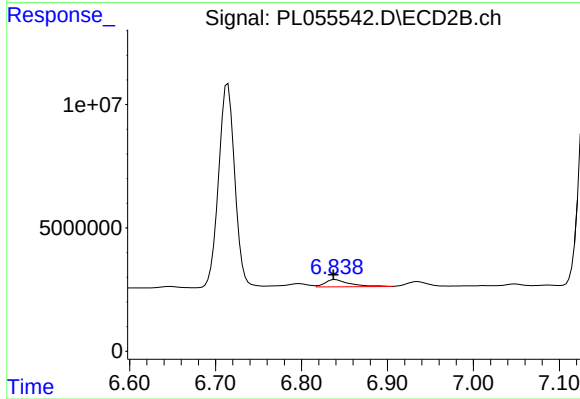
#16 4,4'-DDD

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 20021600
Conc: 2.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

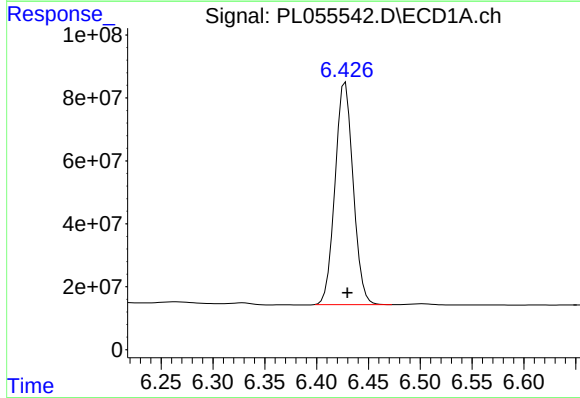
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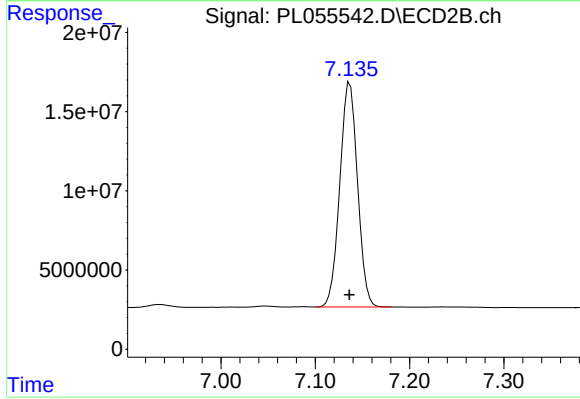
#16 4,4'-DDD

R.T.: 6.839 min
Delta R.T.: 0.002 min
Response: 5811712
Conc: 2.71 ng/ml



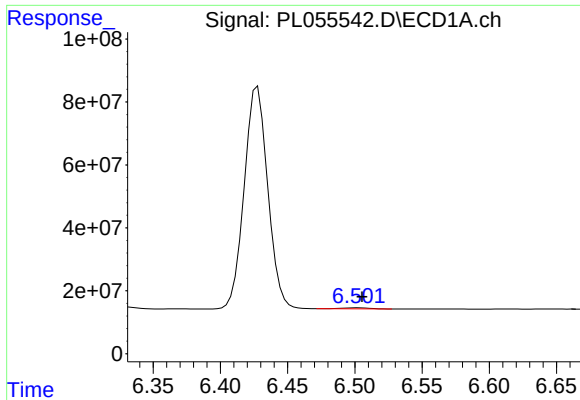
#17 4,4'-DDT

R.T.: 6.428 min
Delta R.T.: -0.002 min
Response: 858357019
Conc: 99.02 ng/ml



#17 4,4'-DDT

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 185362444
Conc: 76.71 ng/ml



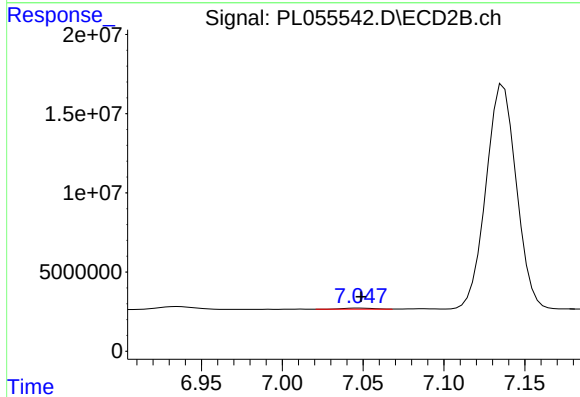
#18 Endrin aldehyde

R.T.: 6.501 min
Delta R.T.: -0.004 min
Response: 4668918
Conc: 0.52 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

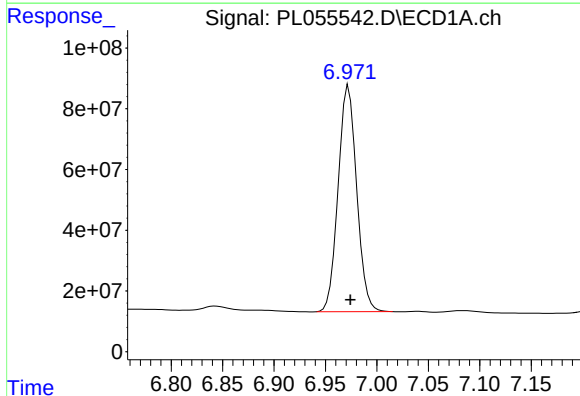
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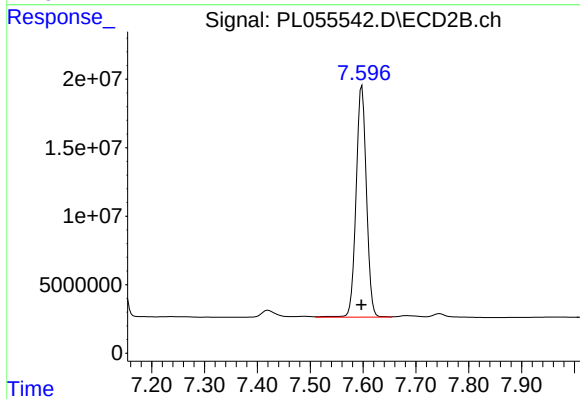
#18 Endrin aldehyde

R.T.: 7.047 min
Delta R.T.: -0.002 min
Response: 840914
Conc: 0.41 ng/ml m



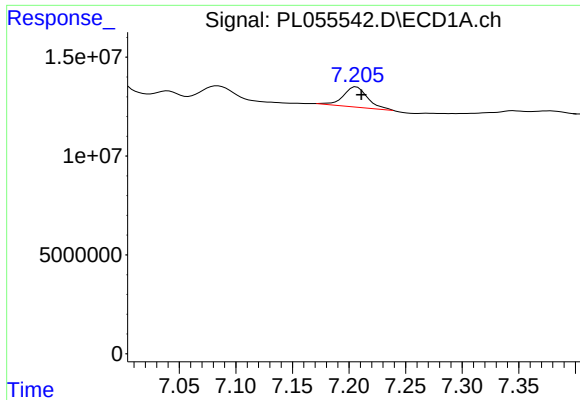
#20 Methoxychlor

R.T.: 6.972 min
Delta R.T.: -0.002 min
Response: 934576767
Conc: 202.72 ng/ml



#20 Methoxychlor

R.T.: 7.598 min
Delta R.T.: 0.001 min
Response: 230015411
Conc: 190.88 ng/ml



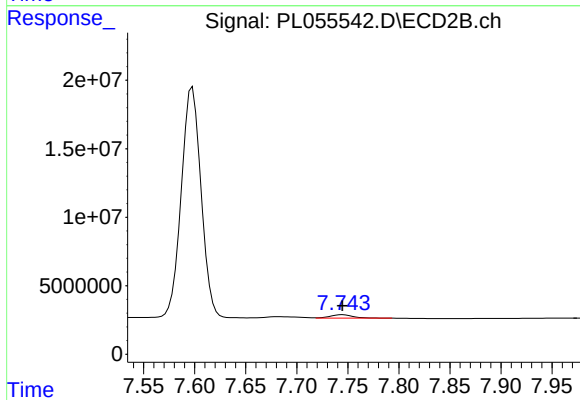
#21 Endrin ketone

R.T.: 7.205 min
Delta R.T.: -0.006 min
Response: 15268323
Conc: 1.32 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

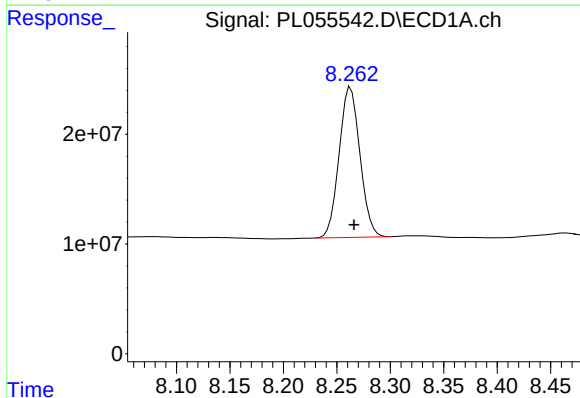
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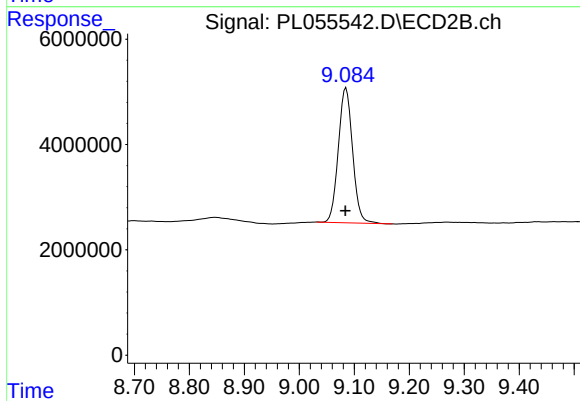
#21 Endrin ketone

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 3988599
Conc: 1.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.263 min
Delta R.T.: -0.003 min
Response: 185861275
Conc: 21.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 46125446
Conc: 20.83 ng/ml