

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120721\
 Data File : PL071295.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2021 09:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/08/2021
 Supervised By : mohammad ahmed 12/08/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 01:53:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 2021
 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...	4.566	5.502	10479952	26485668	22.312	21.105
28)	SA Decachlor...	10.328	11.393	14903594	25596175	20.582	18.414
Target Compounds							
2)	A alpha-BHC	5.272	6.082	6189991	17955437	9.469	9.698
3)	MA gamma-BHC...	5.695	6.478	6616985	16737077	10.362	9.509
6)	B beta-BHC	6.076	6.735	3605007	9503220	11.908m	10.798
12)	B 4,4'-DDE	7.566	8.500	192990	429037	0.341	0.279m
14)	MA Endrin	7.983	8.895	30220743	62619008	53.436	46.666
16)	A 4,4'-DDD	8.151	9.041	602433	1373896	1.202	1.184
17)	MA 4,4'-DDT	8.411	9.357	58135927	126.6E6	106.279	91.036
18)	B Endrin al...	8.487	9.261	327143	130453	0.714	0.126m#
20)	A Methoxychlor	9.006	9.844	76878856	149.2E6	212.786	205.768
21)	B Endrin ke...	9.230	9.998	1208128	1179271	1.695	0.805 #

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

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Data File : PL071295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Dec 2021 09:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

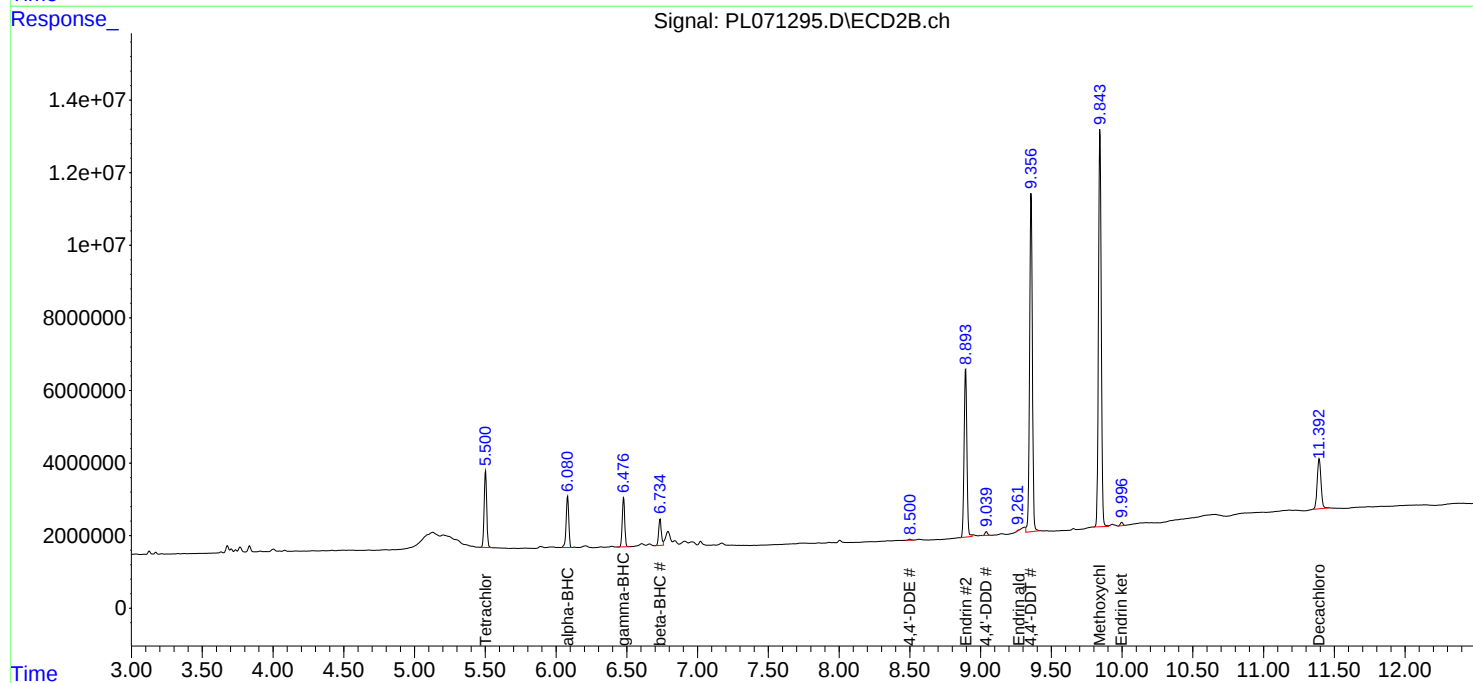
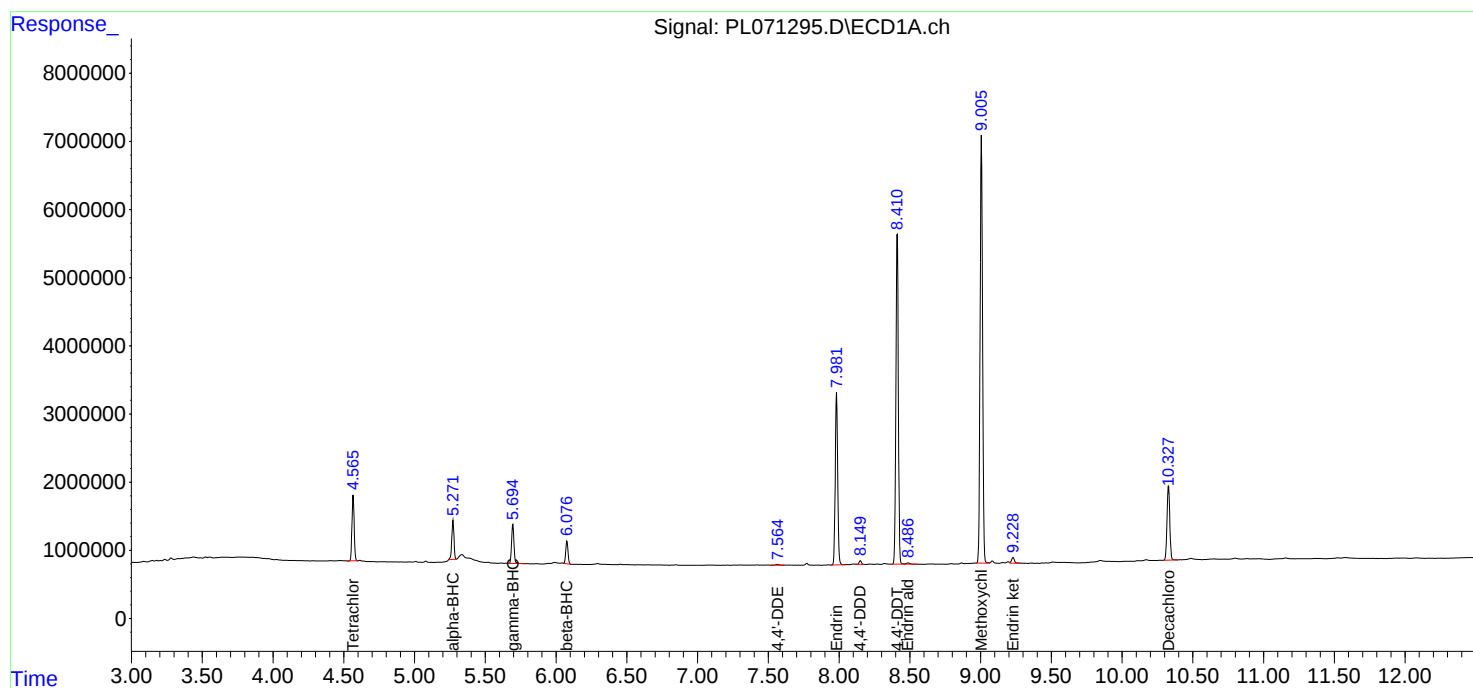
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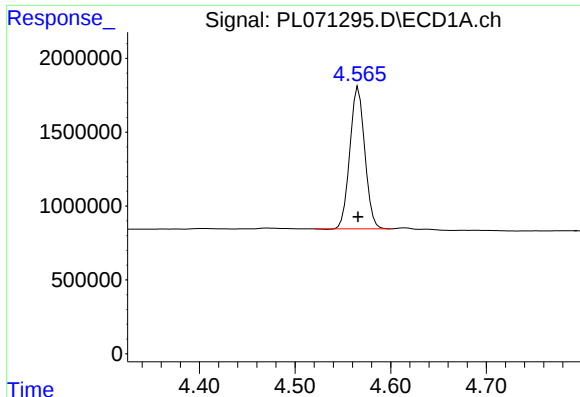
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 08 01:53:03 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 16:26:31 2021
Response 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





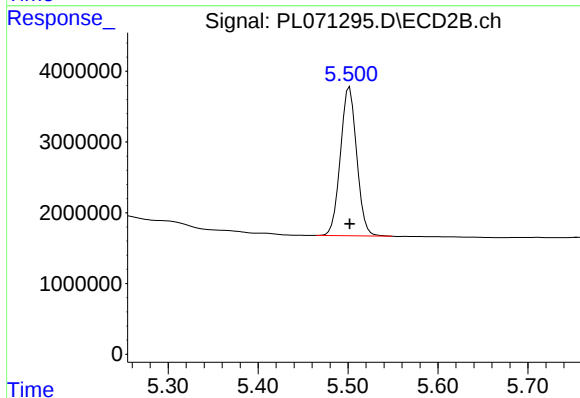
#1 Tetrachloro-m-xylene

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 10479952
Conc: 22.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

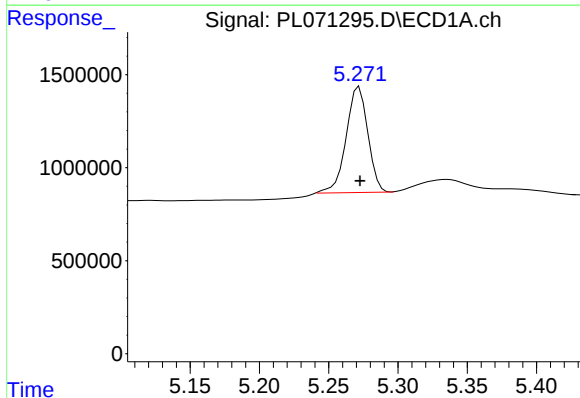
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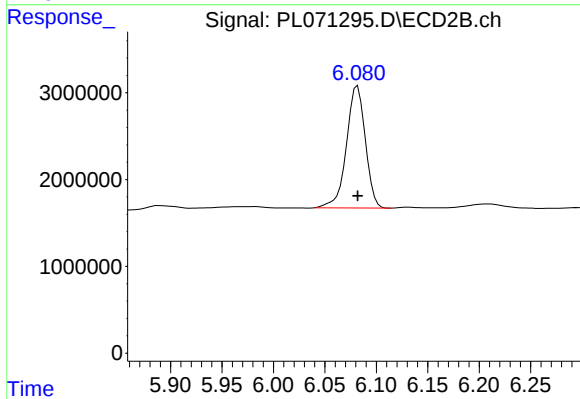
#1 Tetrachloro-m-xylene

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 26485668
Conc: 21.11 ng/ml



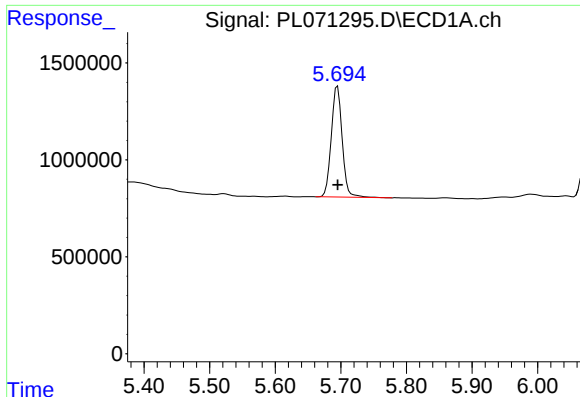
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 6189991
Conc: 9.47 ng/ml



#2 alpha-BHC

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 17955437
Conc: 9.70 ng/ml



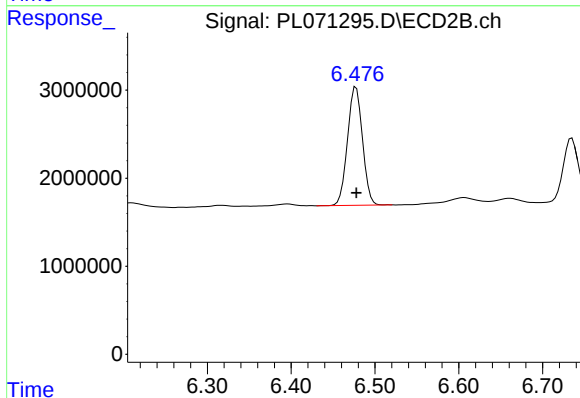
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 6616985
Conc: 10.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

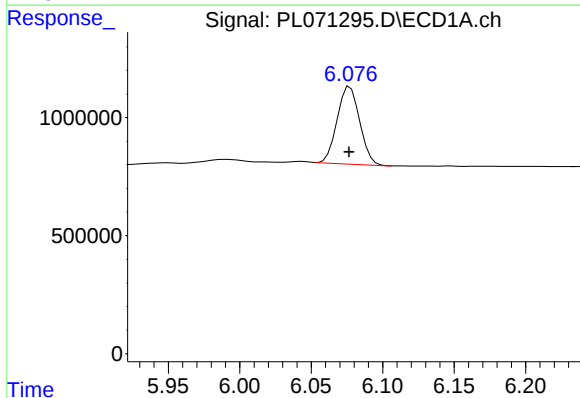
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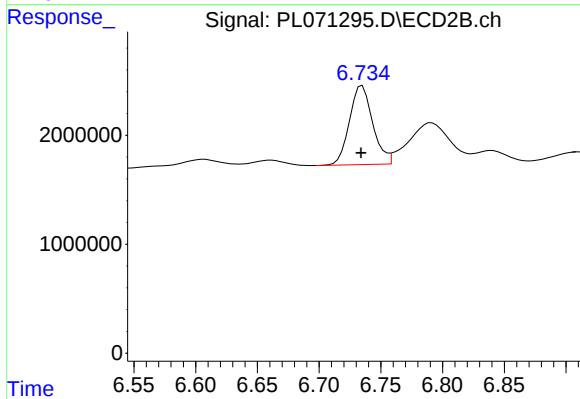
#3 gamma-BHC (Lindane)

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 16737077
Conc: 9.51 ng/ml



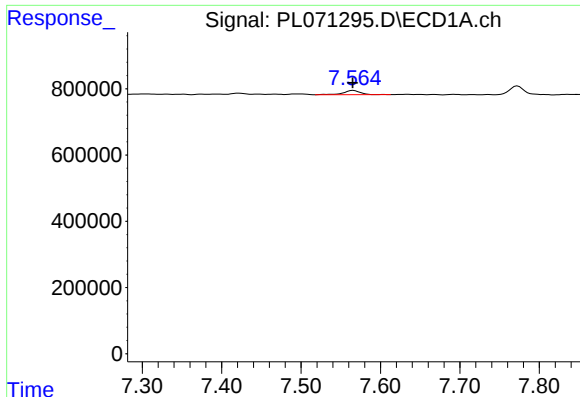
#6 beta-BHC

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 3605007
Conc: 11.91 ng/ml m



#6 beta-BHC

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 9503220
Conc: 10.80 ng/ml



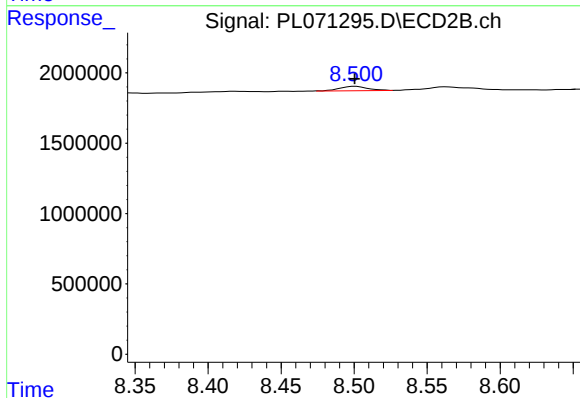
#12 4,4'-DDE

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 192990
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

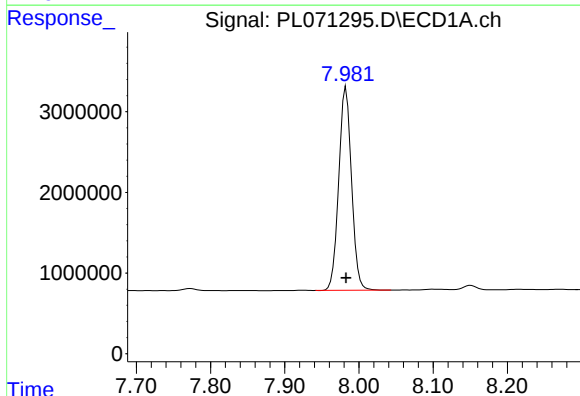
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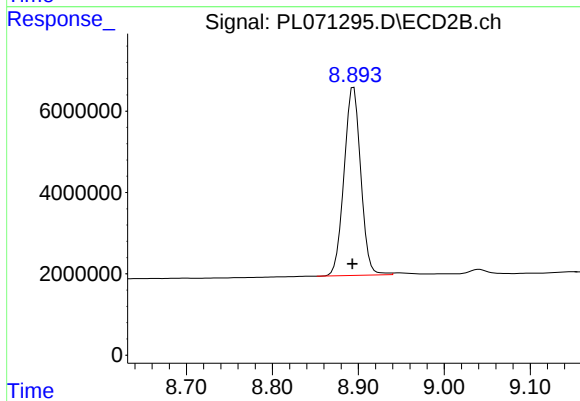
#12 4,4'-DDE

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 429037
Conc: 0.28 ng/ml m



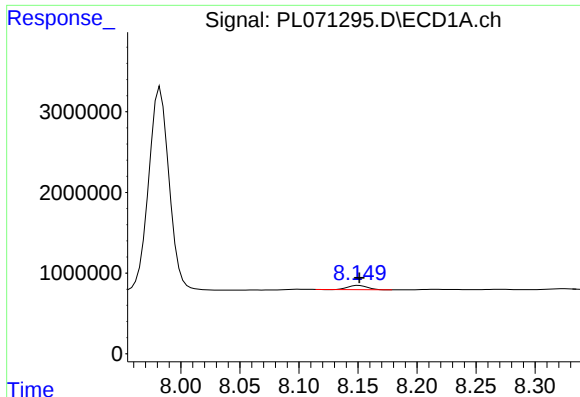
#14 Endrin

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 30220743
Conc: 53.44 ng/ml



#14 Endrin

R.T.: 8.895 min
Delta R.T.: 0.001 min
Response: 62619008
Conc: 46.67 ng/ml



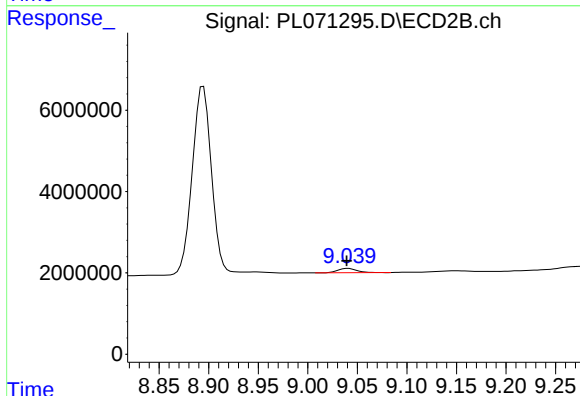
#16 4,4'-DDD

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 602433
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

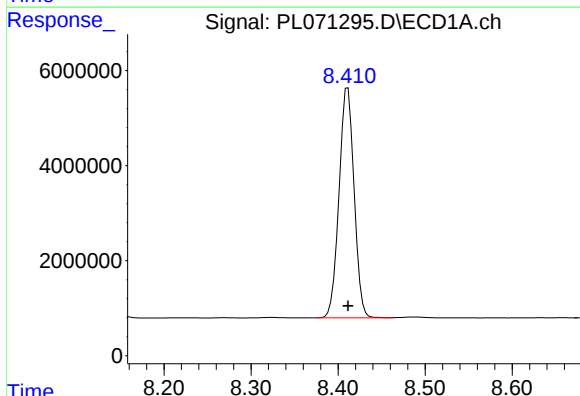
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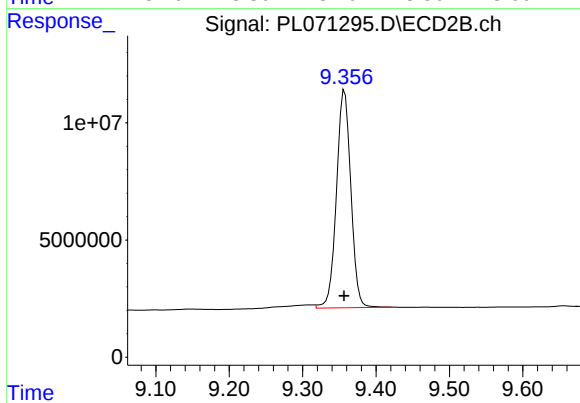
#16 4,4'-DDD

R.T.: 9.041 min
Delta R.T.: 0.002 min
Response: 1373896
Conc: 1.18 ng/ml



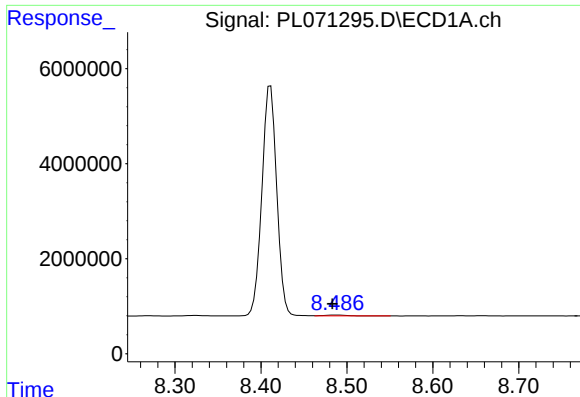
#17 4,4'-DDT

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 58135927
Conc: 106.28 ng/ml



#17 4,4'-DDT

R.T.: 9.357 min
Delta R.T.: 0.000 min
Response: 126625215
Conc: 91.04 ng/ml



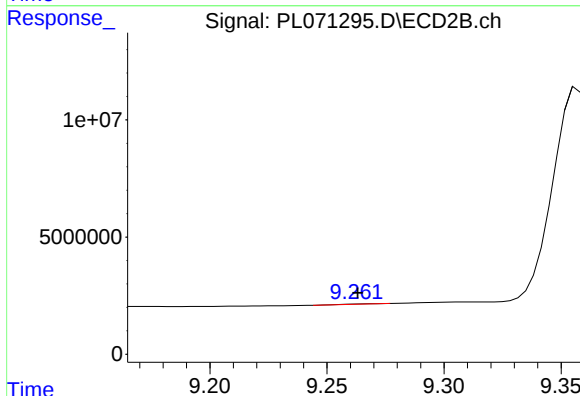
#18 Endrin aldehyde

R.T.: 8.487 min
Delta R.T.: 0.004 min
Response: 327143
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

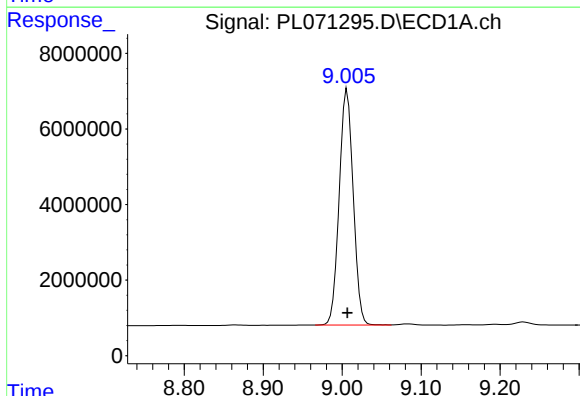
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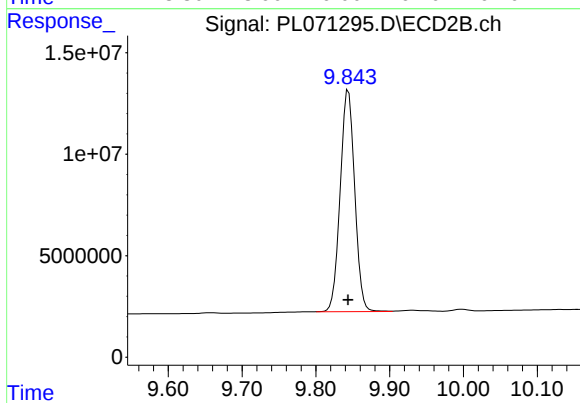
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.002 min
Response: 130453
Conc: 0.13 ng/ml m



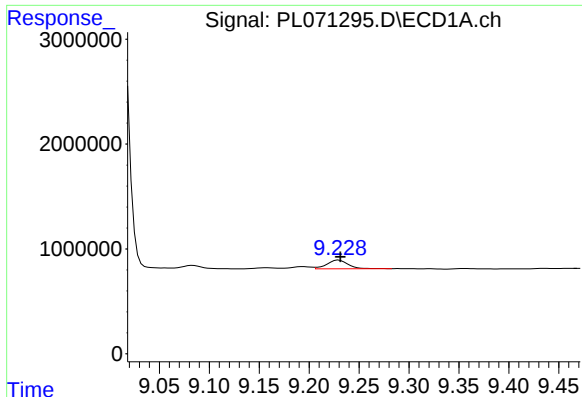
#20 Methoxychlor

R.T.: 9.006 min
Delta R.T.: 0.000 min
Response: 76878856
Conc: 212.79 ng/ml



#20 Methoxychlor

R.T.: 9.844 min
Delta R.T.: 0.000 min
Response: 149195571
Conc: 205.77 ng/ml



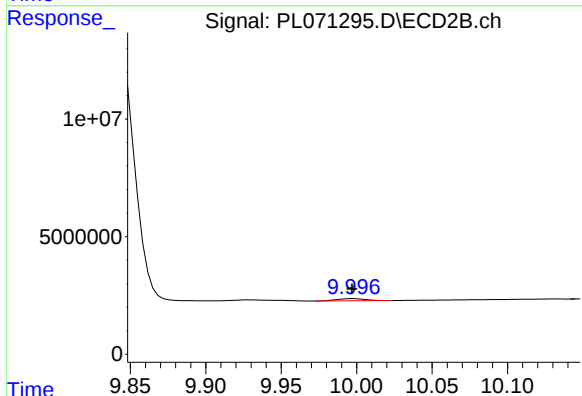
#21 Endrin ketone

R.T.: 9.230 min
Delta R.T.: -0.002 min
Response: 1208128
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

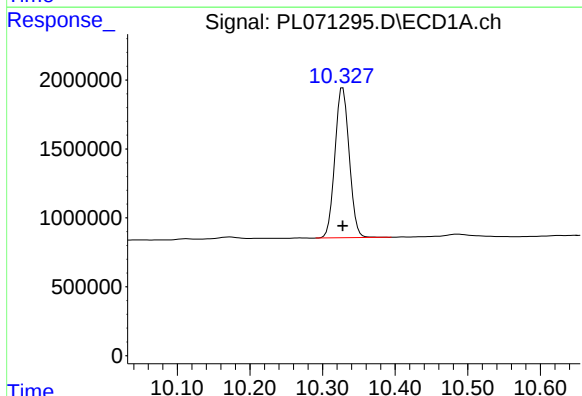
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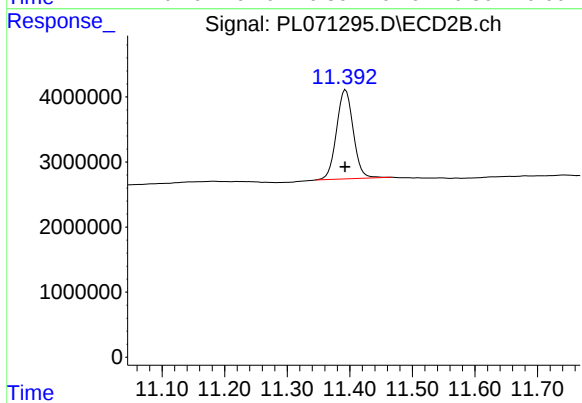
#21 Endrin ketone

R.T.: 9.998 min
Delta R.T.: 0.000 min
Response: 1179271
Conc: 0.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.328 min
Delta R.T.: 0.000 min
Response: 14903594
Conc: 20.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.393 min
Delta R.T.: 0.001 min
Response: 25596175
Conc: 18.41 ng/ml