

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120321\
 Data File : PL071267.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 15:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/06/2021
 Supervised By : mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 03:06:14 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...	4.564	5.500	10258714	26813295	21.841	21.366
28)	SA Decachlor...	10.327	11.391	15305196	27350262	21.137	19.676
Target Compounds							
2)	A alpha-BHC	5.270	6.080	5705115	18350564	8.727	9.912
3)	MA gamma-BHC...	5.693	6.476	6336767	17244125	9.923	9.797
6)	B beta-BHC	6.074	6.733	3463723	10531181	11.441m	11.966
12)	B 4,4'-DDE	7.561	8.498	148882	407101	0.263m	0.264m
14)	MA Endrin	7.981	8.892	30141463	67927743	53.295	50.622
16)	A 4,4'-DDD	8.149	9.039	453547	1057433	0.905	0.911
17)	MA 4,4'-DDT	8.409	9.355	60031289	135.0E6	109.744	97.040
18)	B Endrin al...	8.484	9.261	362125	340449	0.791	0.330m#
20)	A Methoxychlor	9.005	9.843	85072530	170.6E6	235.464	235.297
21)	B Endrin ke...	9.228	9.995	1226650	1566758	1.721	1.070 #

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

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Data File : PL071267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2021 15:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

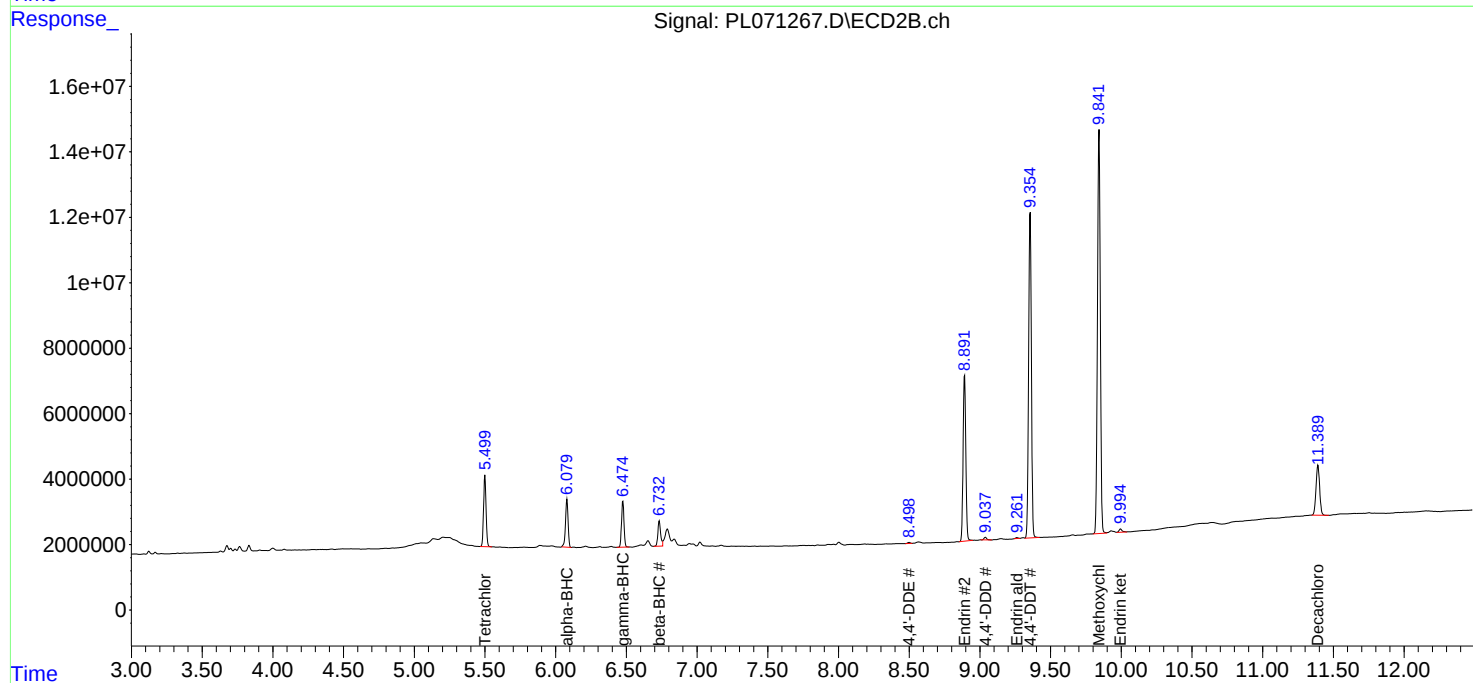
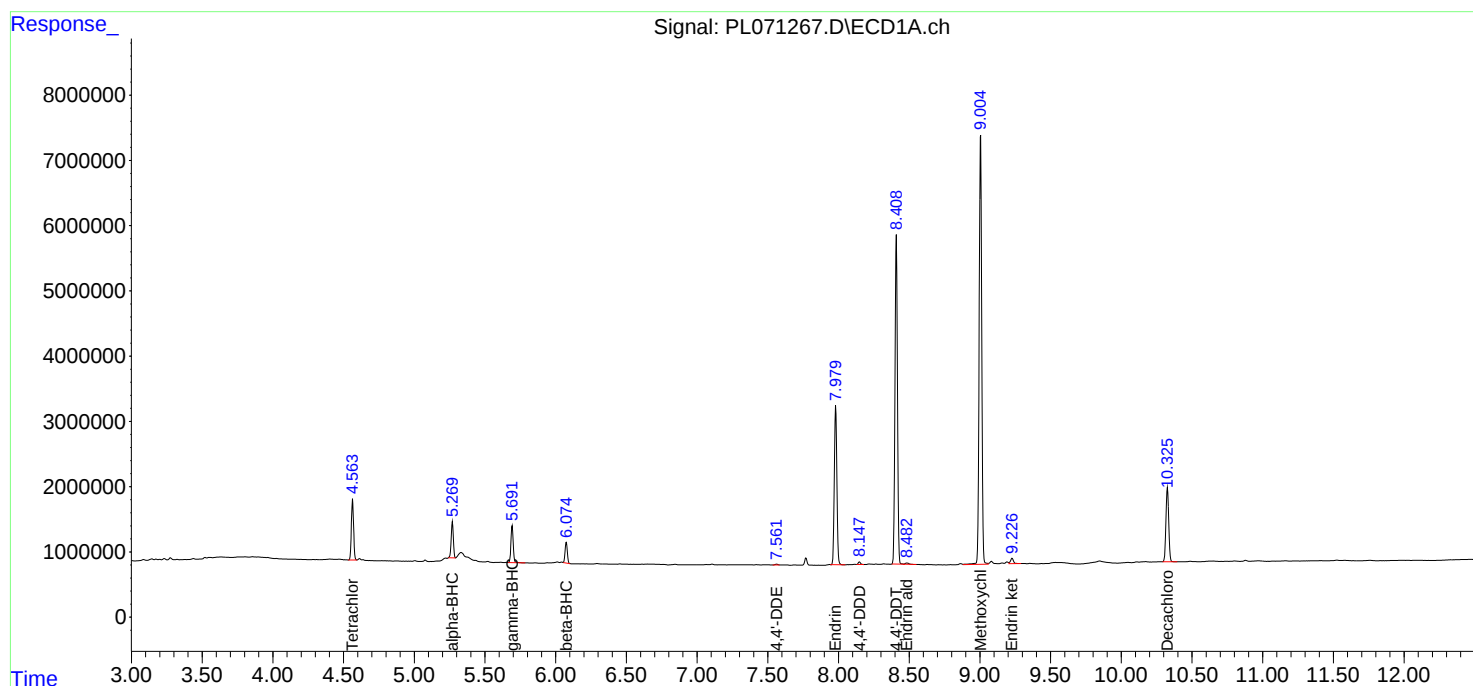
Instrument :
ECD_L
ClientSampleId :
PEM

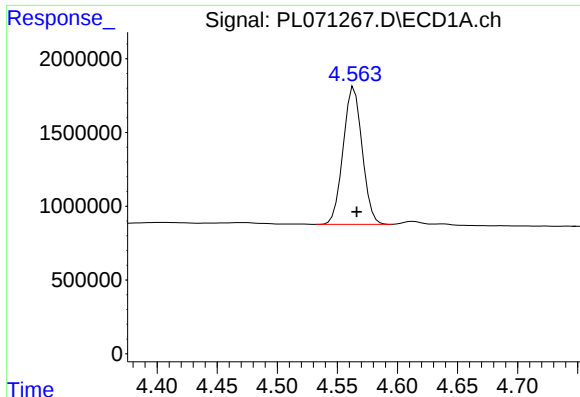
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 03:06:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 16:26:31 2021
Response 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





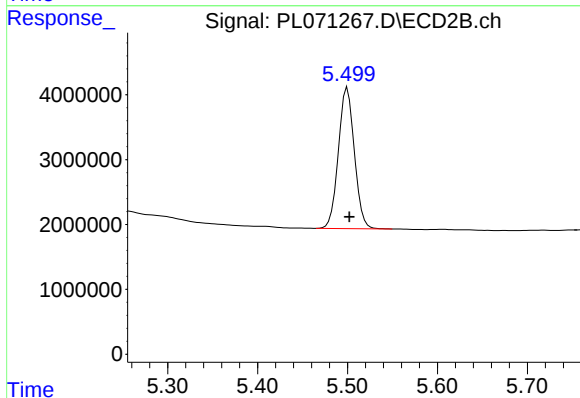
#1 Tetrachloro-m-xylene

R.T.: 4.564 min
Delta R.T.: -0.002 min
Response: 10258714
Conc: 21.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

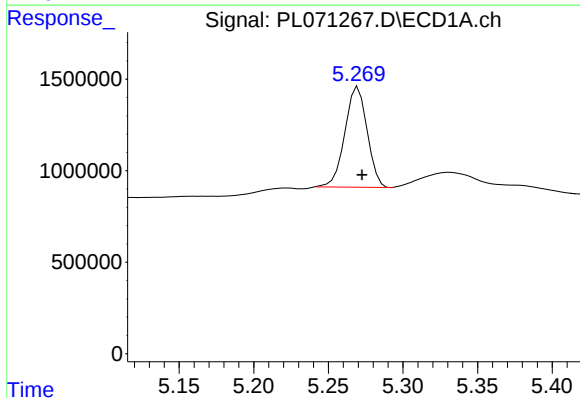
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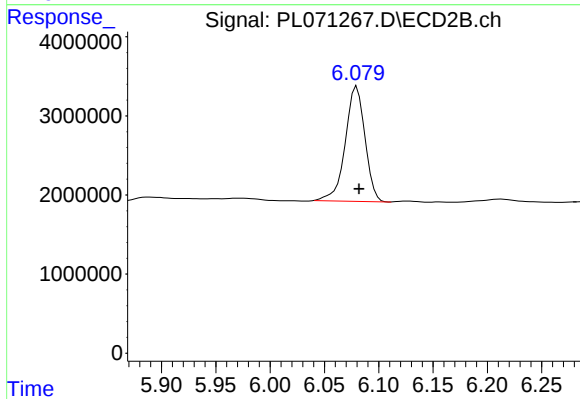
#1 Tetrachloro-m-xylene

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 26813295
Conc: 21.37 ng/ml



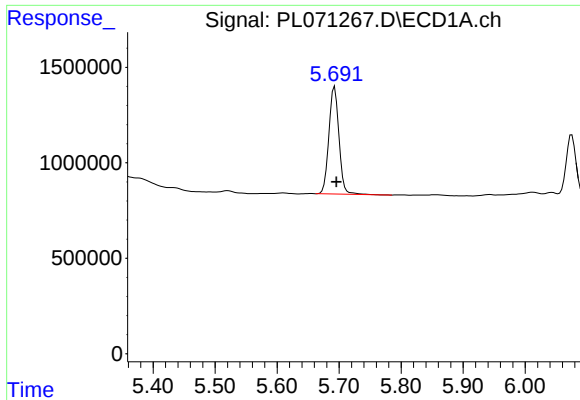
#2 alpha-BHC

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 5705115
Conc: 8.73 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 18350564
Conc: 9.91 ng/ml



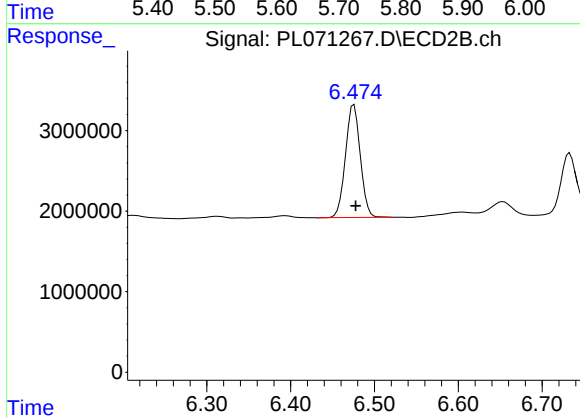
#3 gamma-BHC (Lindane)

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 6336767
Conc: 9.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

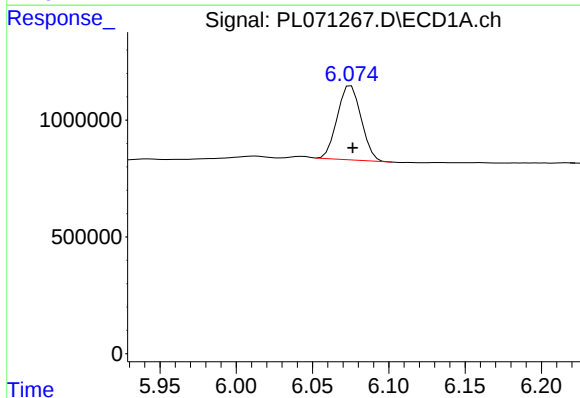
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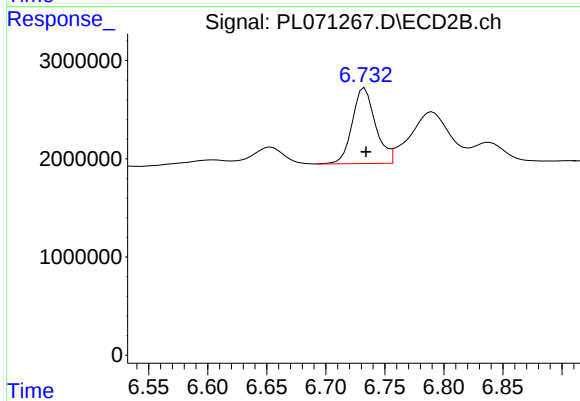
#3 gamma-BHC (Lindane)

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 17244125
Conc: 9.80 ng/ml



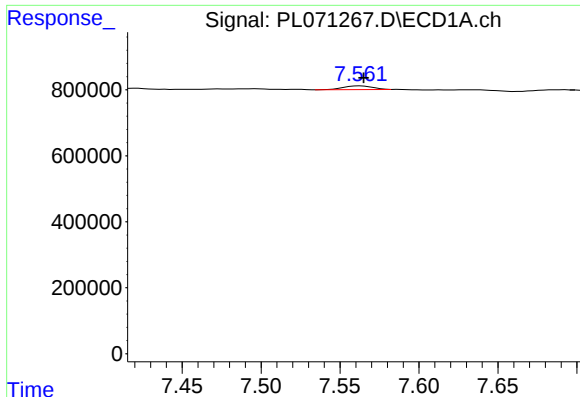
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 3463723
Conc: 11.44 ng/ml m



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 10531181
Conc: 11.97 ng/ml



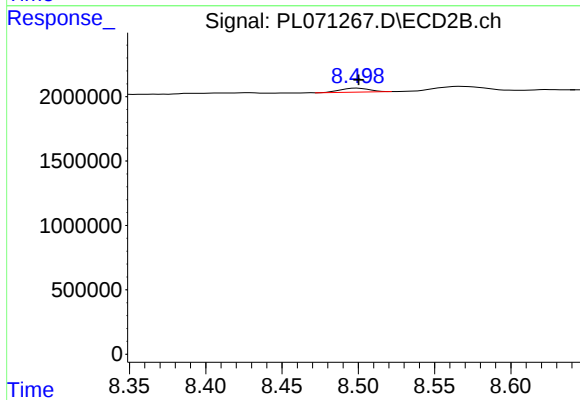
#12 4,4'-DDE

R.T.: 7.561 min
Delta R.T.: -0.004 min
Response: 148882
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

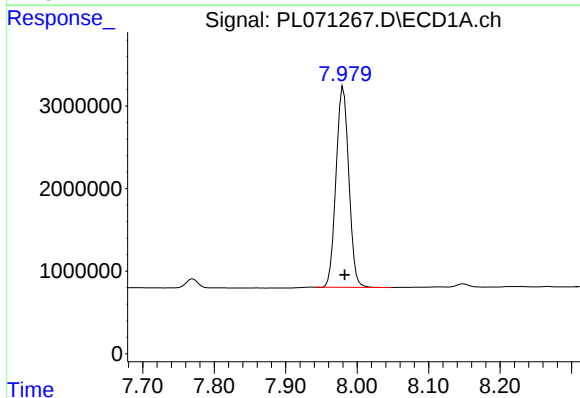
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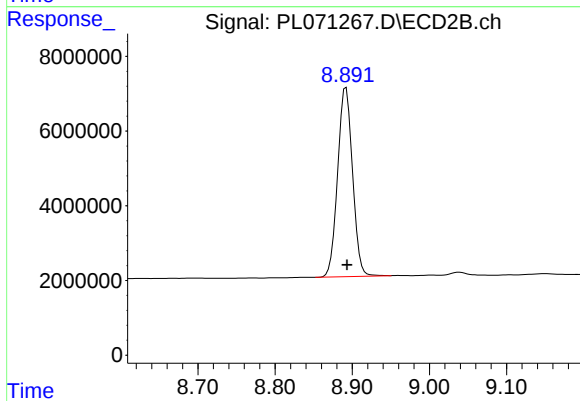
#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 407101
Conc: 0.26 ng/ml m



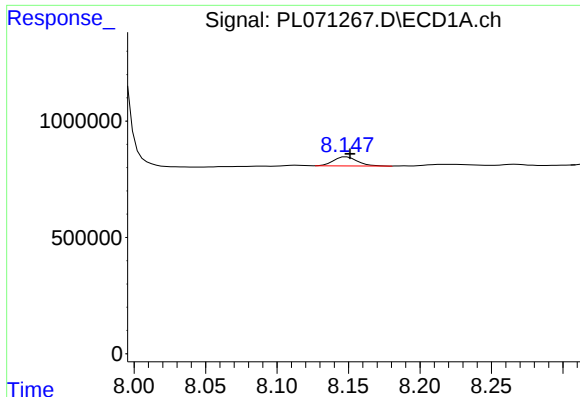
#14 Endrin

R.T.: 7.981 min
Delta R.T.: -0.002 min
Response: 30141463
Conc: 53.30 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: -0.001 min
Response: 67927743
Conc: 50.62 ng/ml



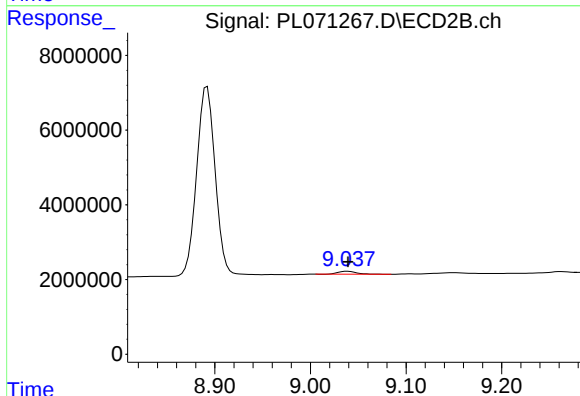
#16 4,4'-DDD

R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 453547
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

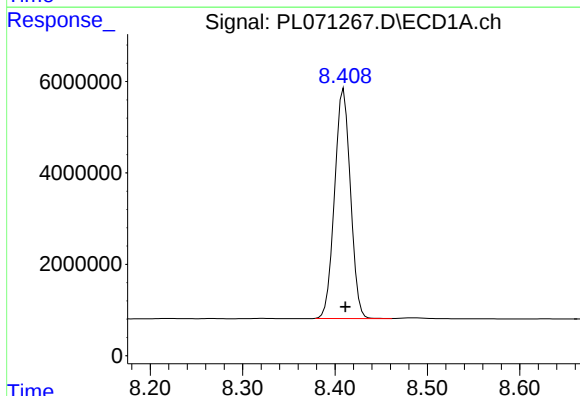
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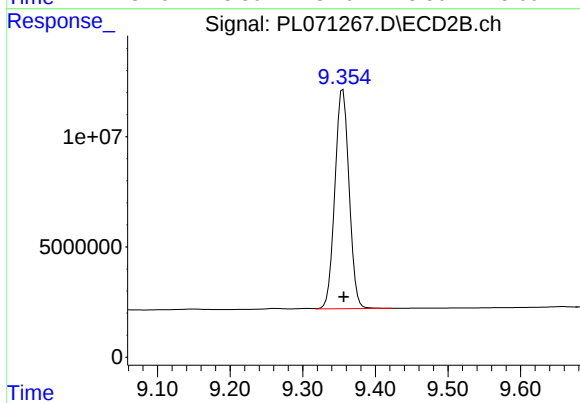
#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 1057433
Conc: 0.91 ng/ml



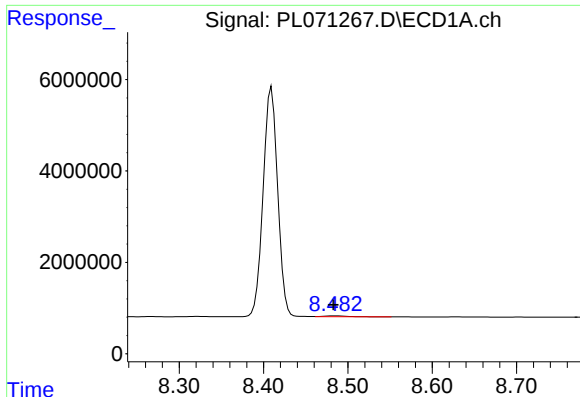
#17 4,4'-DDT

R.T.: 8.409 min
Delta R.T.: -0.002 min
Response: 60031289
Conc: 109.74 ng/ml



#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: -0.001 min
Response: 134976440
Conc: 97.04 ng/ml



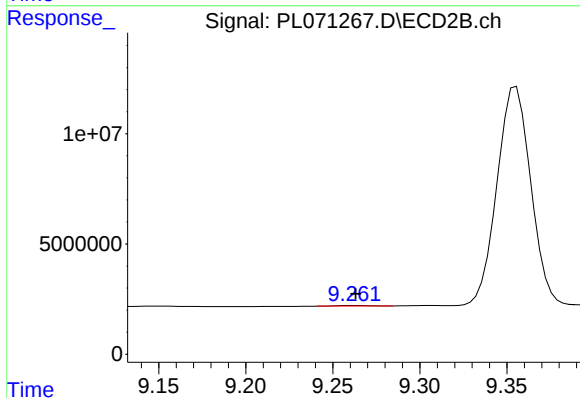
#18 Endrin aldehyde

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 362125
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

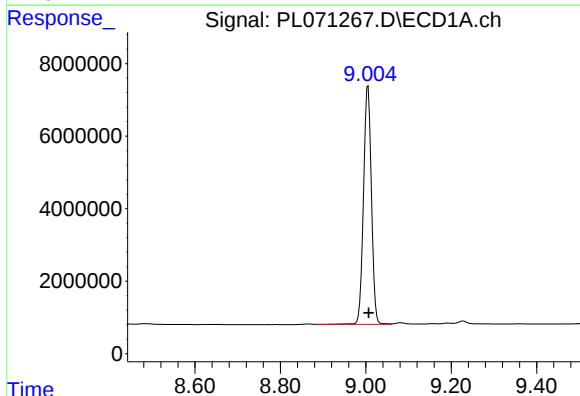
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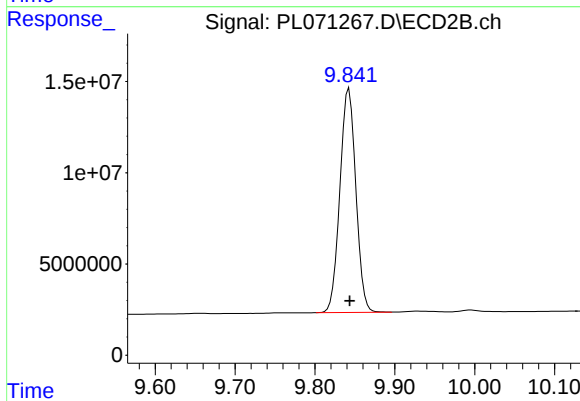
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.002 min
Response: 340449
Conc: 0.33 ng/ml m



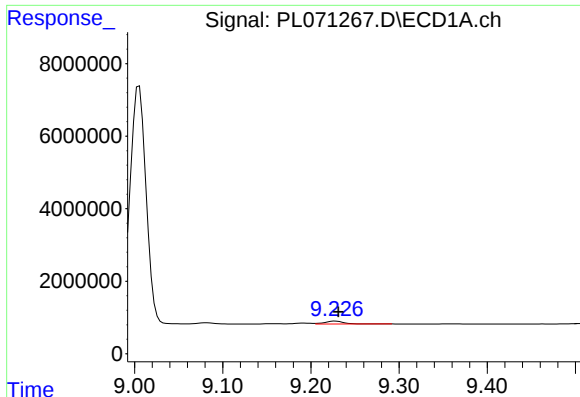
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: -0.002 min
Response: 85072530
Conc: 235.46 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 170606658
Conc: 235.30 ng/ml



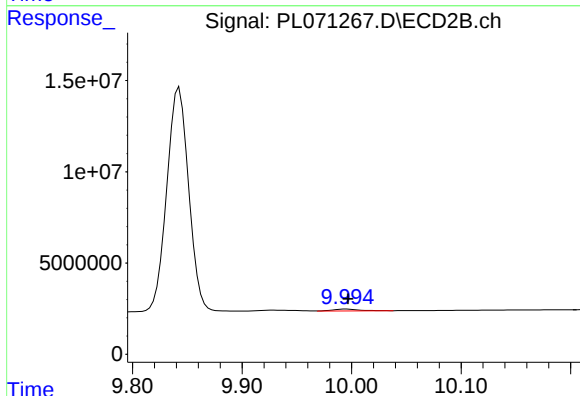
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: -0.003 min
Response: 1226650
Conc: 1.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

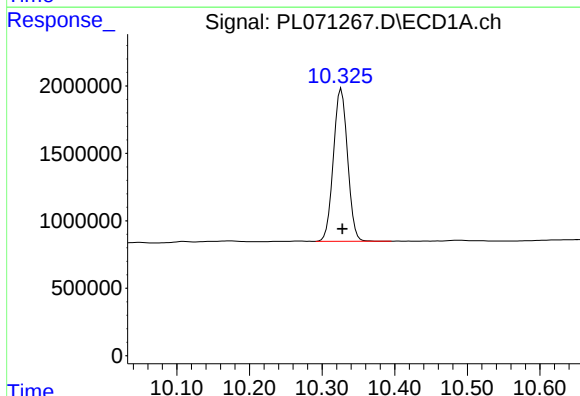
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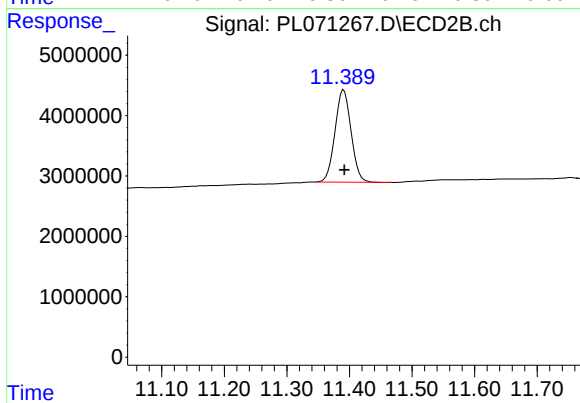
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 1566758
Conc: 1.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.327 min
Delta R.T.: -0.001 min
Response: 15305196
Conc: 21.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: -0.001 min
Response: 27350262
Conc: 19.68 ng/ml