

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121621\
 Data File : PL071477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2021 10:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/17/2021
 Supervised By : Ankita Jodhani 12/17/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 15:36:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 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...	4.561	5.498	10364364	27283539	21.866	22.902
28)	SA Decachlor...	10.321	11.388	15927633	26819463	23.973	24.685
Target Compounds							
2)	A alpha-BHC	5.266	6.078	5785596	18675530	9.097	10.860
3)	MA gamma-BHC...	5.690	6.474	6136108	17371268	9.390	10.884
6)	B beta-BHC	6.073	6.732	3832607	9717380	13.422	12.140
12)	B 4,4'-DDE	7.557	8.497	124311	193128	0.228m	0.162m#
14)	MA Endrin	7.976	8.890	31108902	63903945	56.797	63.077
16)	A 4,4'-DDD	8.144	9.036	140532	243106	0.299m	0.275
17)	MA 4,4'-DDT	8.405	9.353	62266927	125.7E6	122.010	127.154
18)	B Endrin al...	8.484	9.271	153870	88483	0.362m	0.117m#
20)	A Methoxychlor	9.001	9.840	88120396	162.4E6	272.063	323.433
21)	B Endrin ke...	9.223	9.991	324549	502315	0.492m	0.478m

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

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Acq On : 16 Dec 2021 10:57
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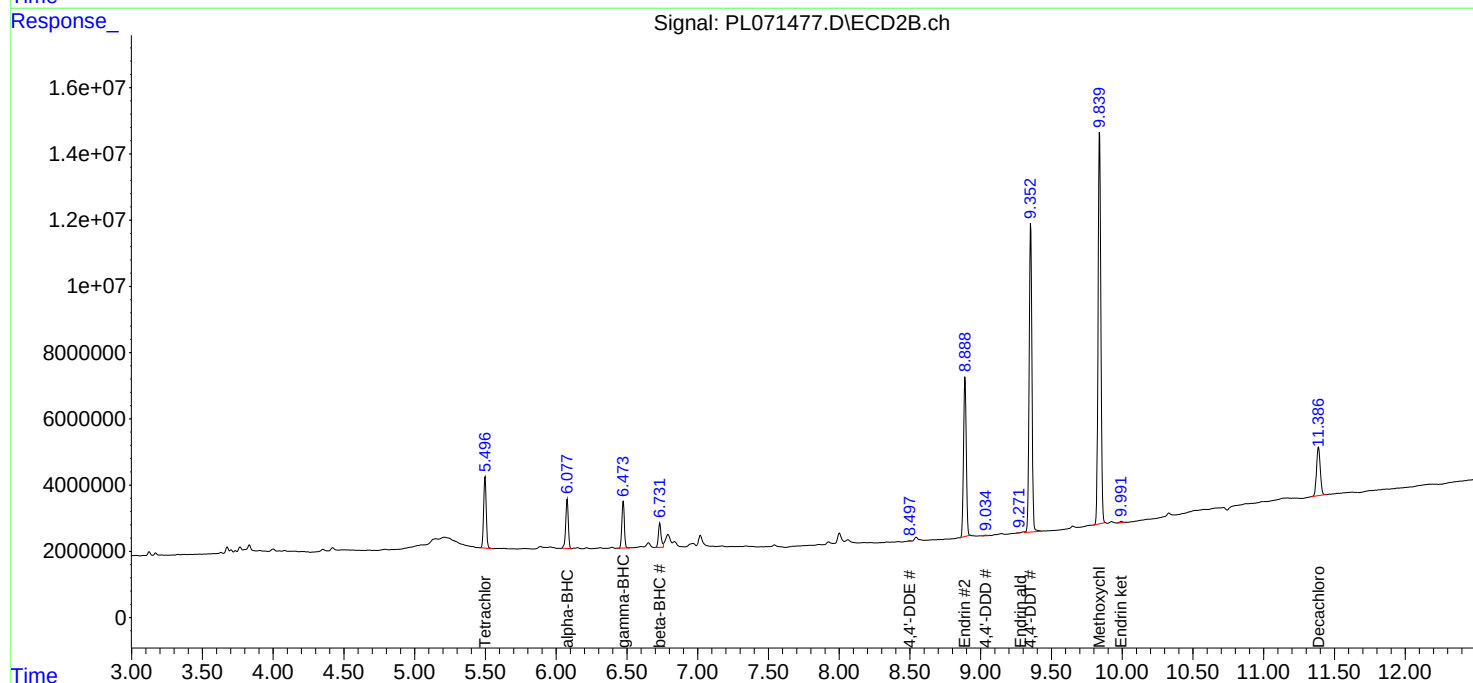
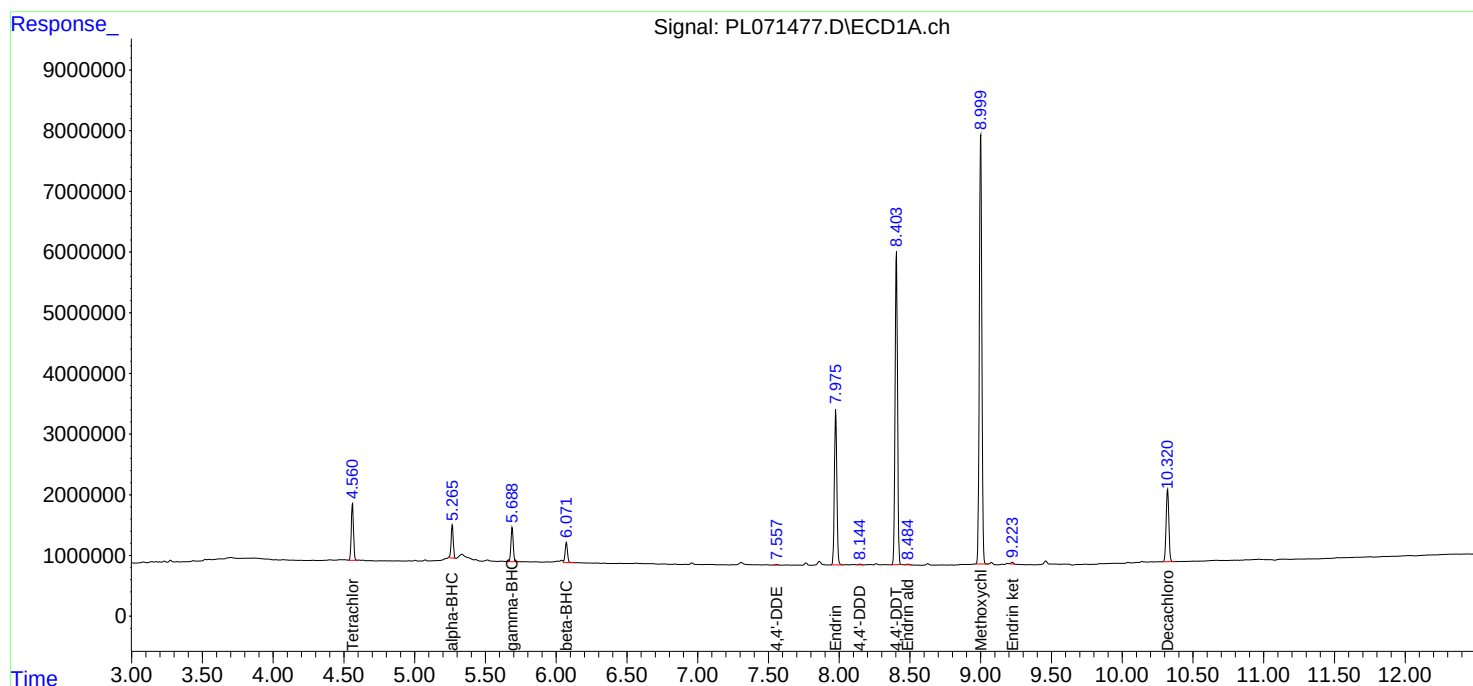
Instrument :
ECD_L
ClientSampleId :
PEM

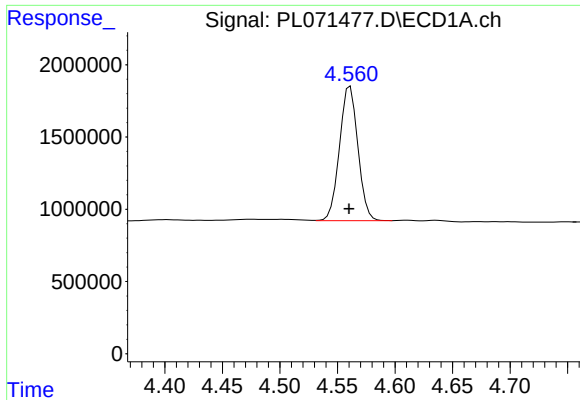
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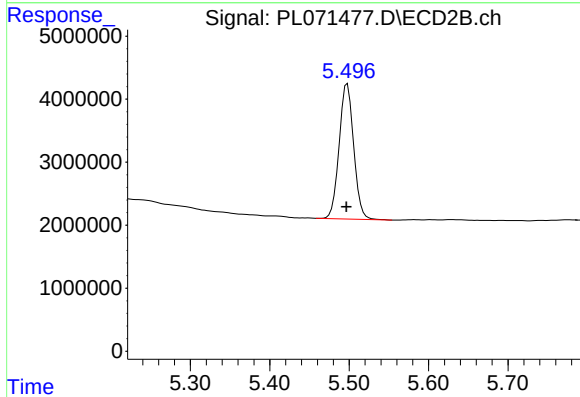
#1 Tetrachloro-m-xylene

R.T.: 4.561 min
Delta R.T.: 0.001 min
Response: 10364364
Conc: 21.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

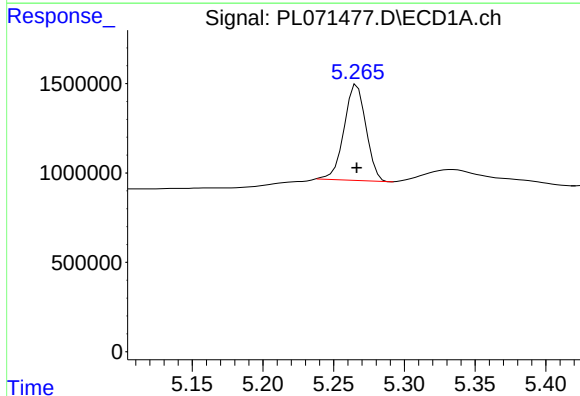
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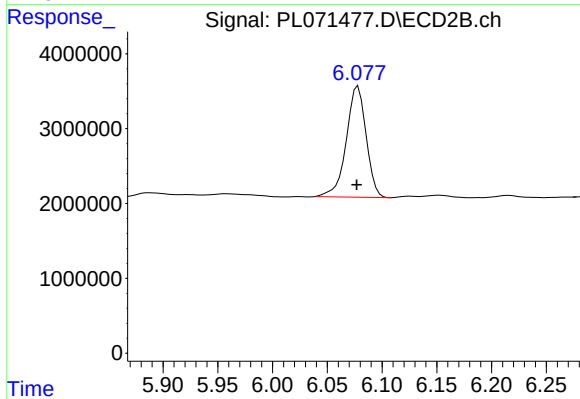
#1 Tetrachloro-m-xylene

R.T.: 5.498 min
Delta R.T.: 0.001 min
Response: 27283539
Conc: 22.90 ng/ml



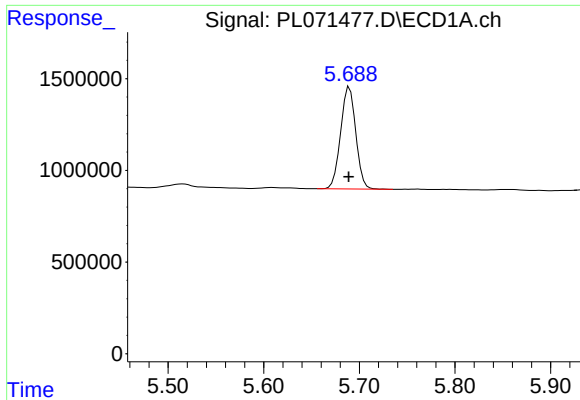
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 5785596
Conc: 9.10 ng/ml



#2 alpha-BHC

R.T.: 6.078 min
Delta R.T.: 0.001 min
Response: 18675530
Conc: 10.86 ng/ml



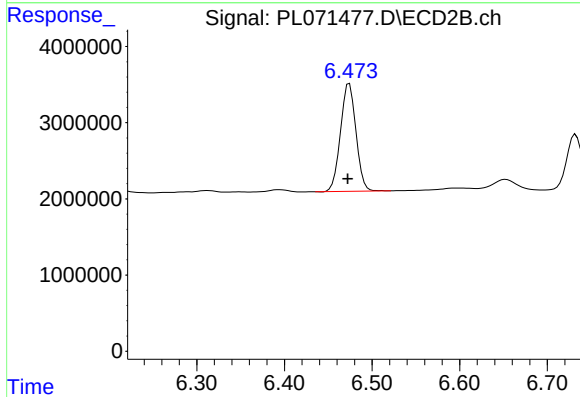
#3 gamma-BHC (Lindane)

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 6136108
Conc: 9.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

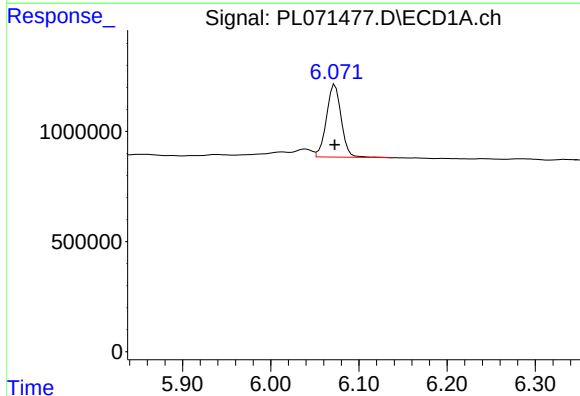
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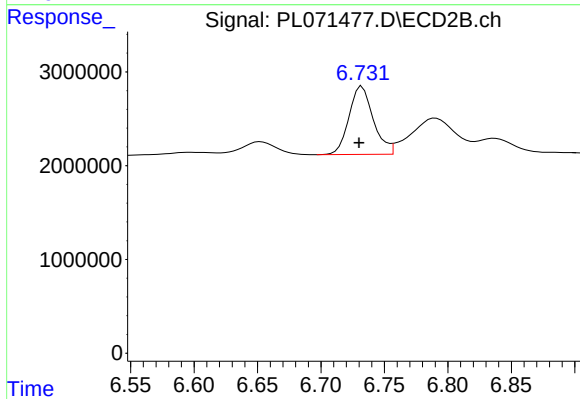
#3 gamma-BHC (Lindane)

R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 17371268
Conc: 10.88 ng/ml



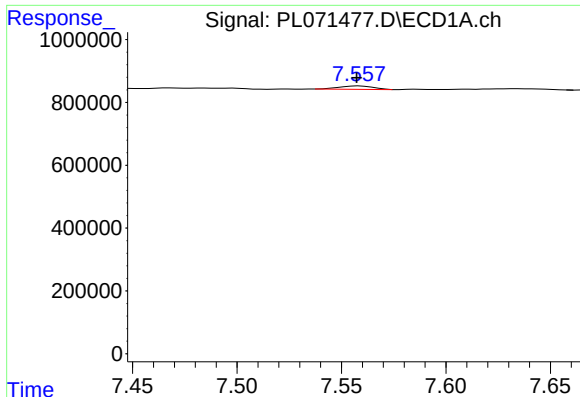
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 3832607
Conc: 13.42 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: 0.002 min
Response: 9717380
Conc: 12.14 ng/ml



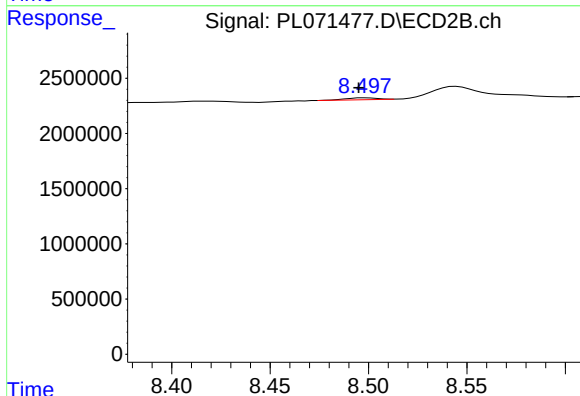
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 124311
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

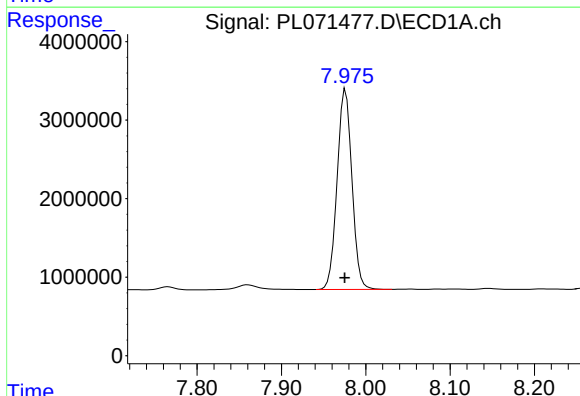
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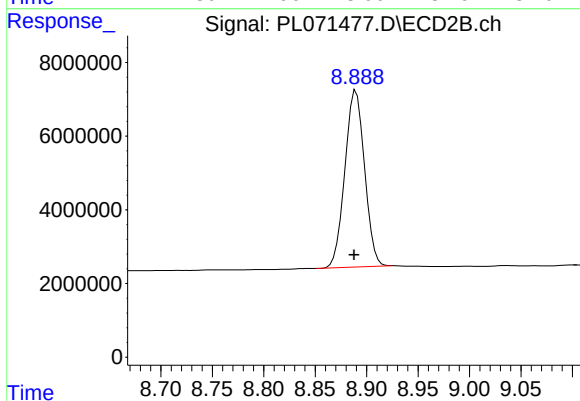
#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: 0.002 min
Response: 193128
Conc: 0.16 ng/ml m



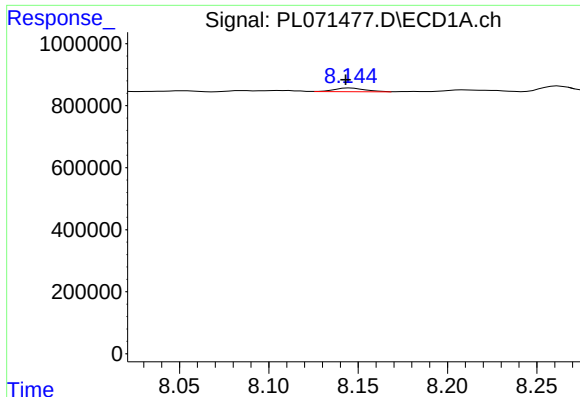
#14 Endrin

R.T.: 7.976 min
Delta R.T.: 0.001 min
Response: 31108902
Conc: 56.80 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: 0.002 min
Response: 63903945
Conc: 63.08 ng/ml



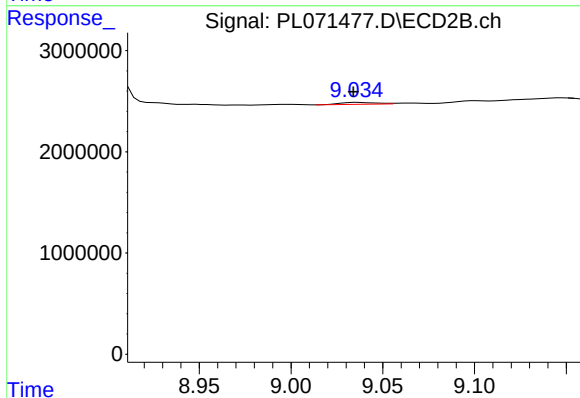
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: 0.001 min
Response: 140532
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

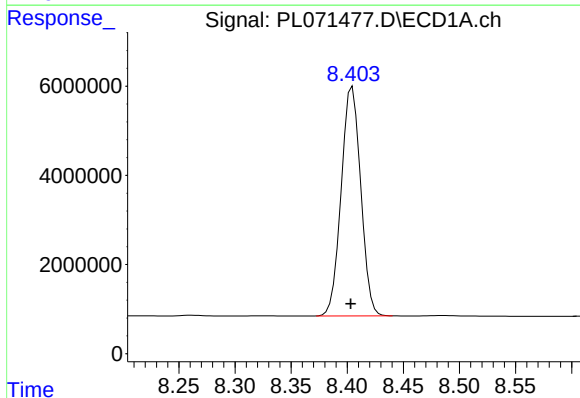
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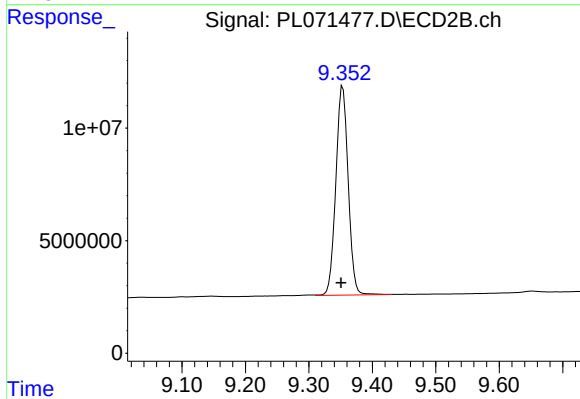
#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: 0.002 min
Response: 243106
Conc: 0.28 ng/ml



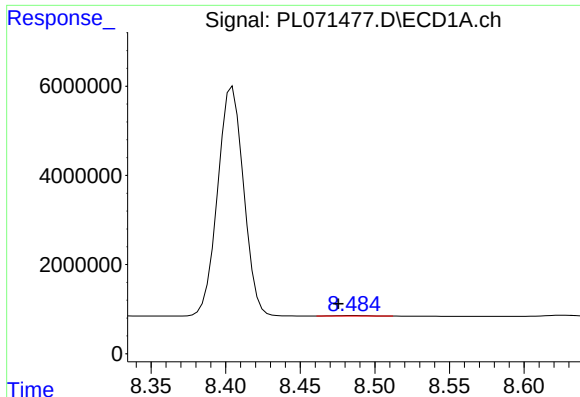
#17 4,4'-DDT

R.T.: 8.405 min
Delta R.T.: 0.002 min
Response: 62266927
Conc: 122.01 ng/ml



#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: 0.003 min
Response: 125736991
Conc: 127.15 ng/ml



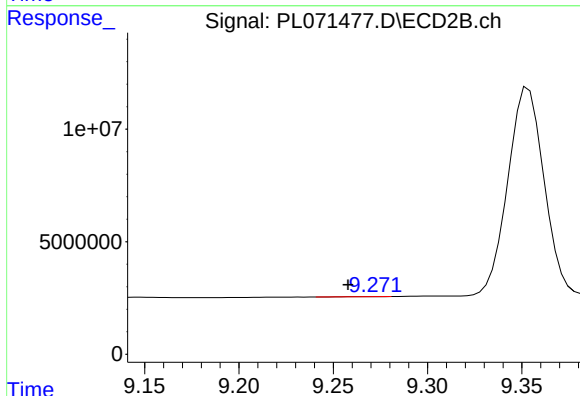
#18 Endrin aldehyde

R.T.: 8.484 min
Delta R.T.: 0.009 min
Response: 153870
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

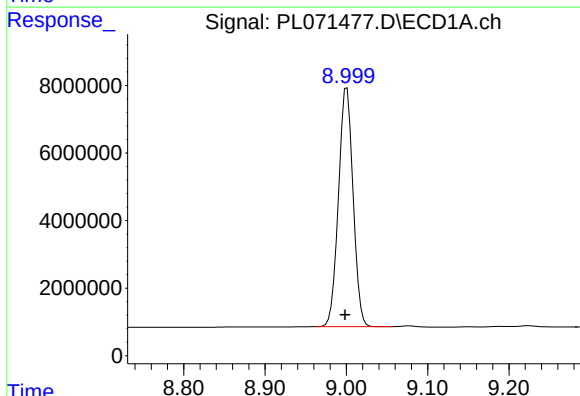
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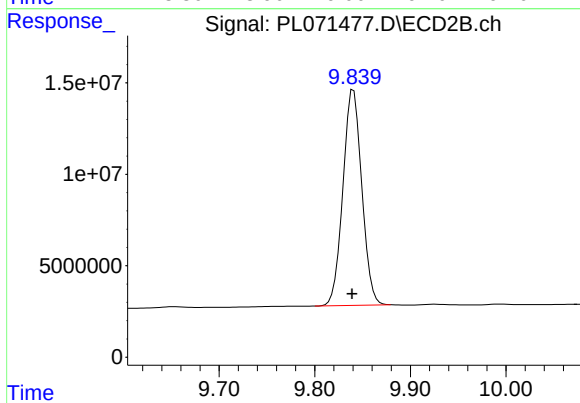
#18 Endrin aldehyde

R.T.: 9.271 min
Delta R.T.: 0.013 min
Response: 88483
Conc: 0.12 ng/ml m



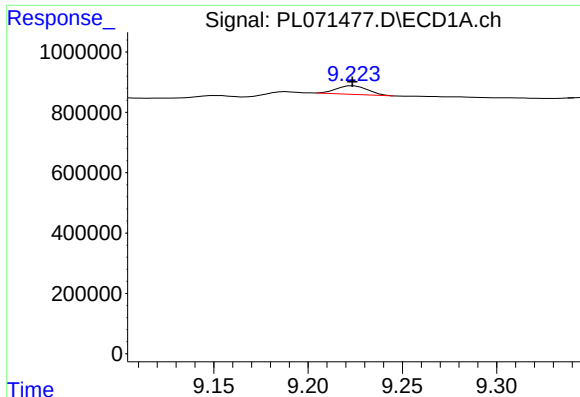
#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: 0.002 min
Response: 88120396
Conc: 272.06 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: 0.001 min
Response: 162354188
Conc: 323.43 ng/ml



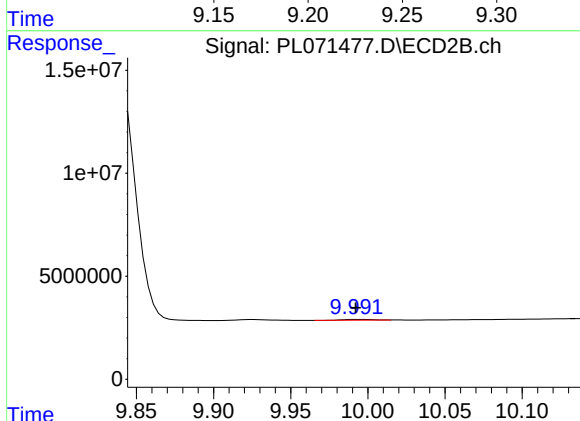
#21 Endrin ketone

R.T.: 9.223 min
Delta R.T.: 0.000 min
Response: 324549
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

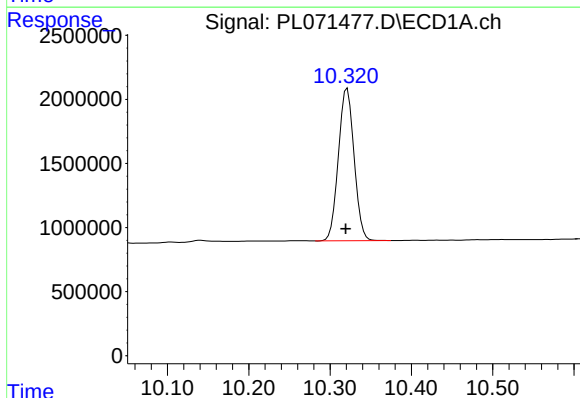
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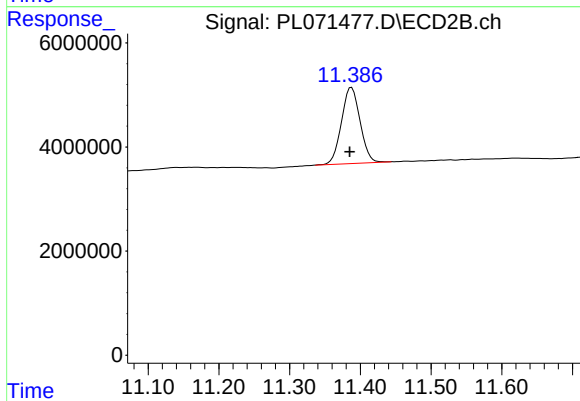
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.001 min
Response: 502315
Conc: 0.48 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: 0.002 min
Response: 15927633
Conc: 23.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: 0.003 min
Response: 26819463
Conc: 24.68 ng/ml