

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112421\
 Data File : PL071146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2021 12:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/26/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 06:04:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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	5.501	9769793	25456930	19.946	20.190
28)	SA Decachlor...	10.326	11.391	15299253	28117067	22.390	21.024
Target Compounds							
2)	A alpha-BHC	5.271	6.081	5435721	17191561	8.120	9.339
3)	MA gamma-BHC...	5.694	6.477	5907198	16148225	8.806	9.312
6)	B beta-BHC	6.075	6.735	3350436	10719727	10.314m	12.511
12)	B 4,4'-DDE	7.559	8.499	212817	356406	0.365m	0.242m#
14)	MA Endrin	7.981	8.893	27871696	64962074	49.159	56.084
16)	A 4,4'-DDD	8.149	9.039	167335	173330	0.329	0.144m#
17)	MA 4,4'-DDT	8.410	9.356	56837317	130.6E6	103.345	103.528
20)	A Methoxychlor	9.005	9.843	82919095	172.7E6	226.654	255.121
21)	B Endrin ke...	9.229	9.996	502308	426962	0.702	0.297 #

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

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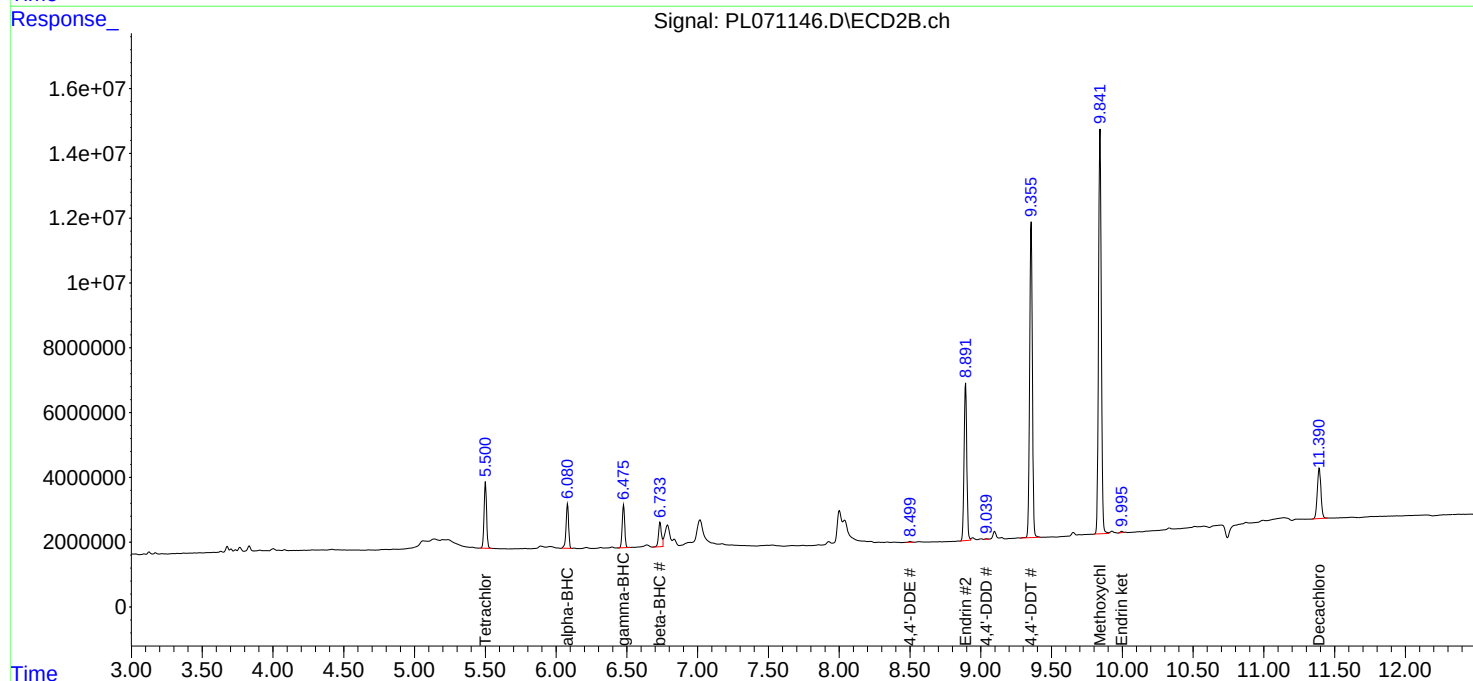
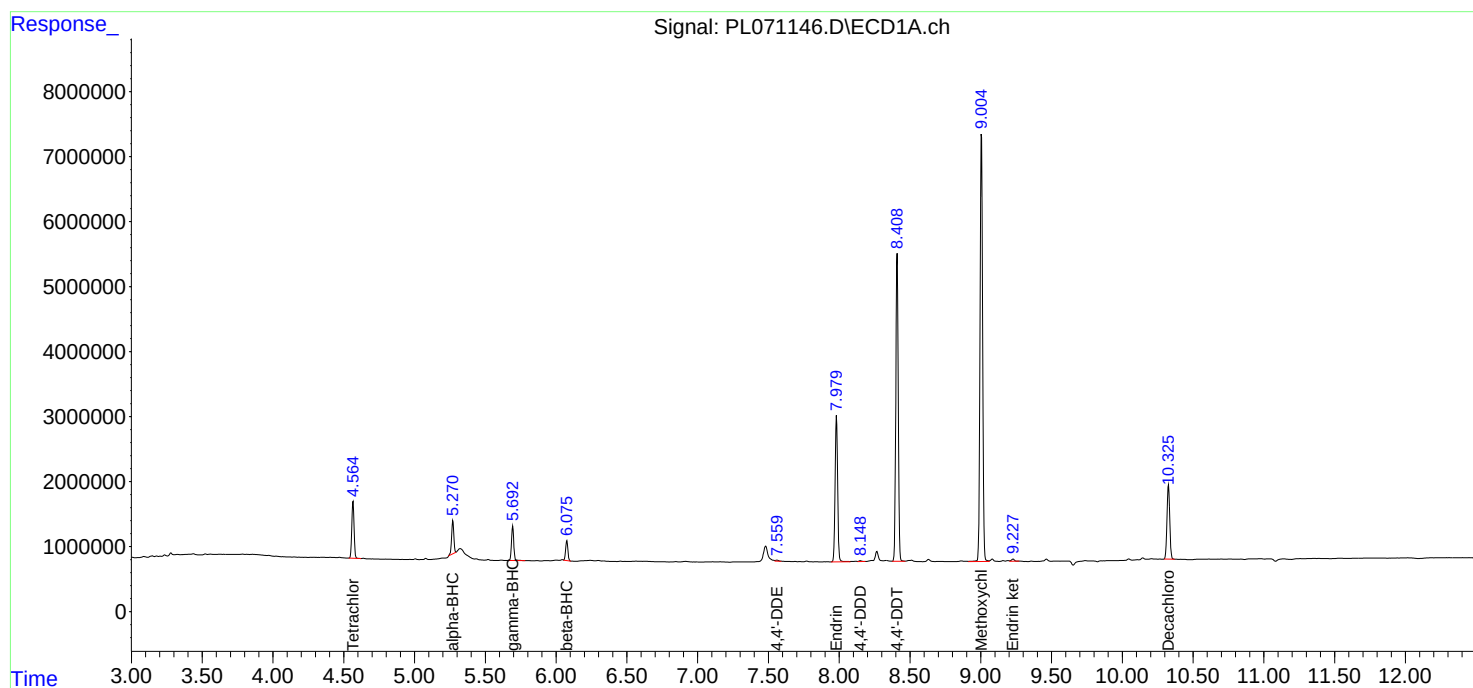
Instrument :
ECD_L
ClientSampleId :
PEM

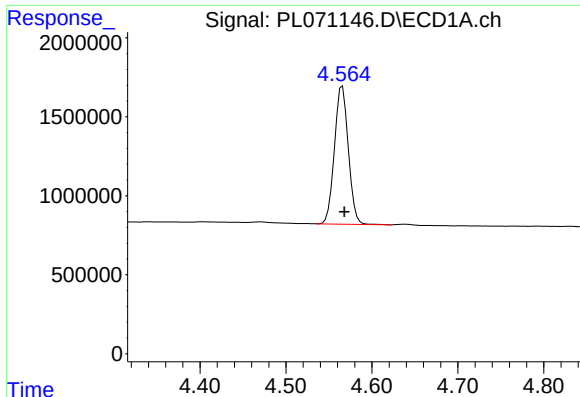
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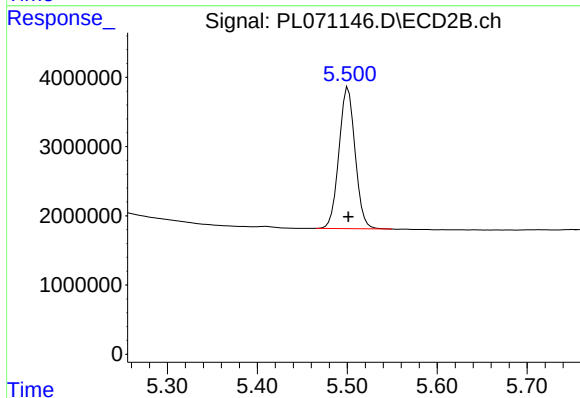
#1 Tetrachloro-m-xylene

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 9769793
Conc: 19.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

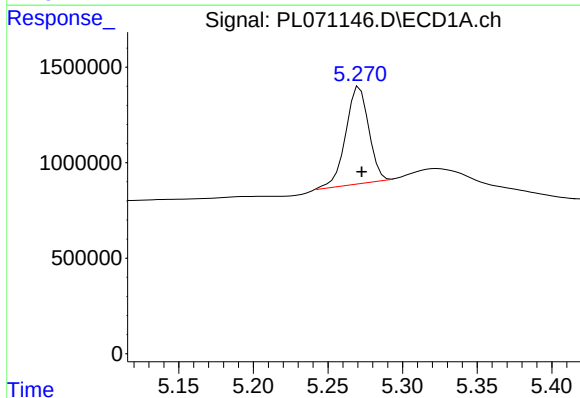
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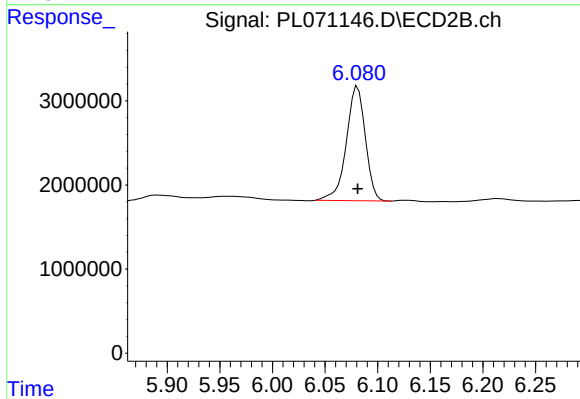
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 25456930
Conc: 20.19 ng/ml



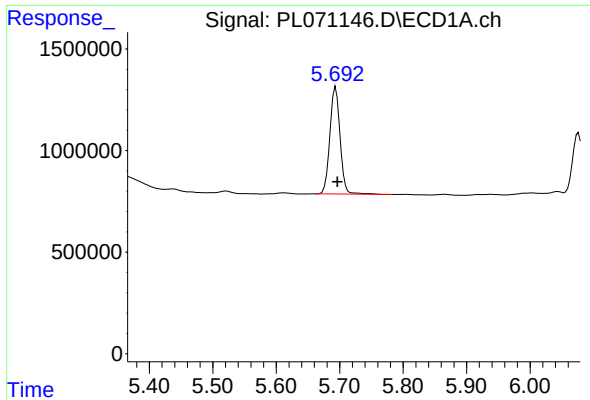
#2 alpha-BHC

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 5435721
Conc: 8.12 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 17191561
Conc: 9.34 ng/ml



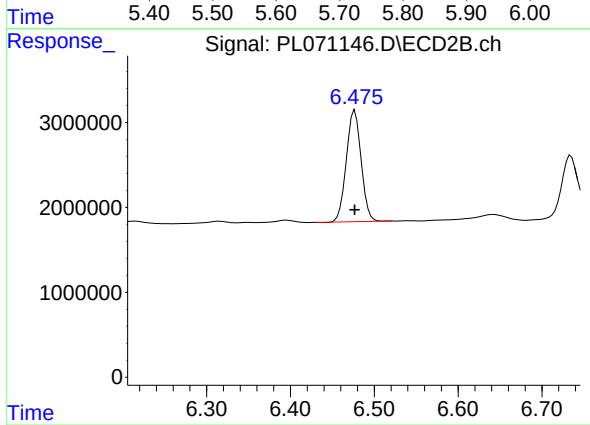
#3 gamma-BHC (Lindane)

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 5907198
Conc: 8.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

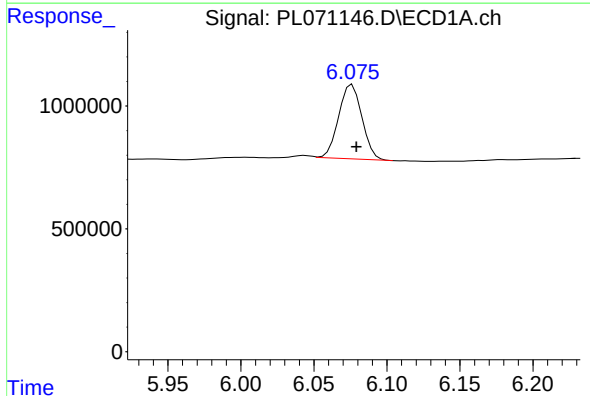
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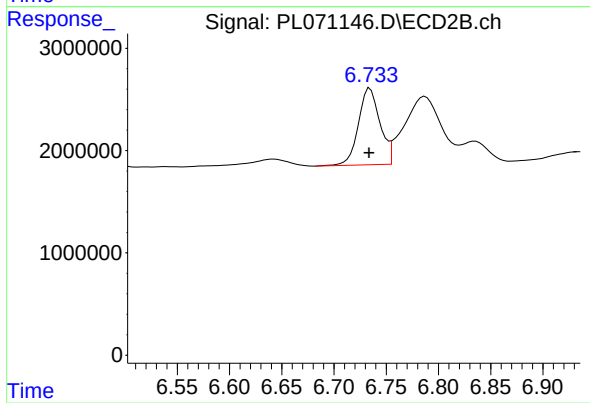
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 16148225
Conc: 9.31 ng/ml



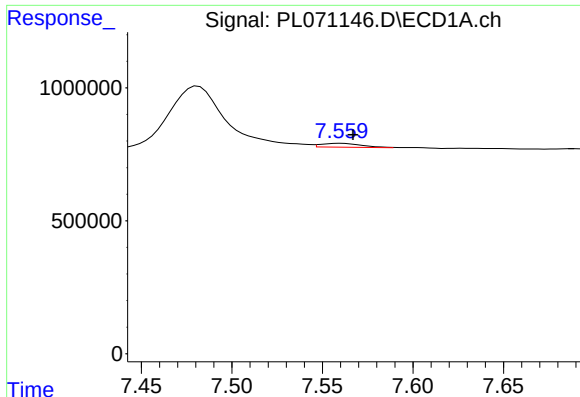
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 3350436
Conc: 10.31 ng/ml m



#6 beta-BHC

R.T.: 6.735 min
Delta R.T.: 0.001 min
Response: 10719727
Conc: 12.51 ng/ml



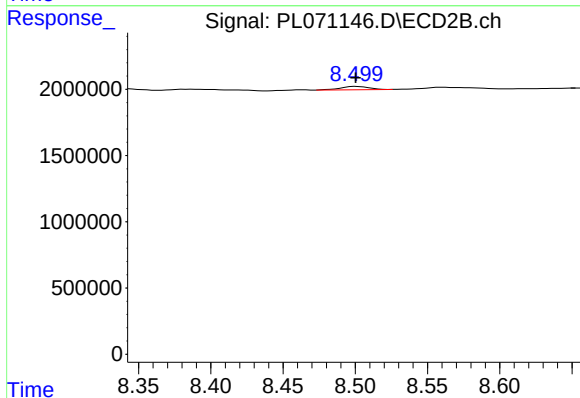
#12 4,4'-DDE

R.T.: 7.559 min
Delta R.T.: -0.008 min
Response: 212817
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

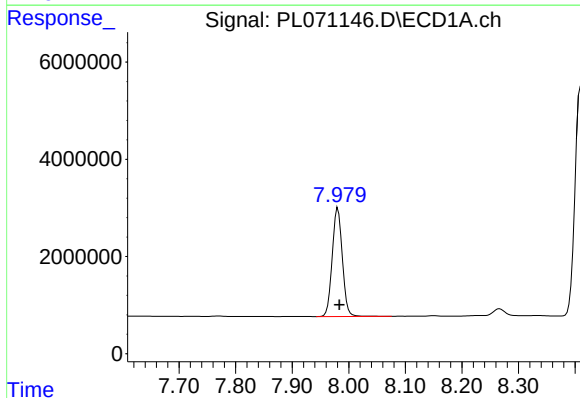
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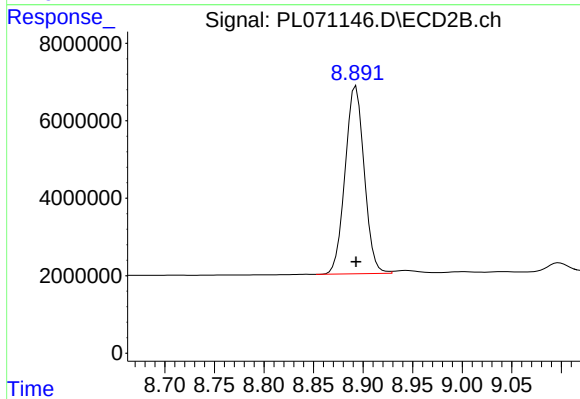
#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 356406
Conc: 0.24 ng/ml m



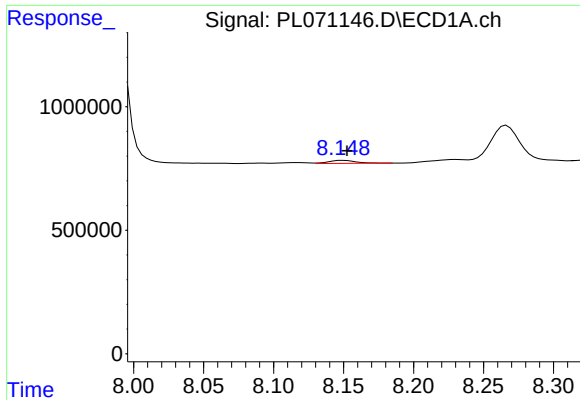
#14 Endrin

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 27871696
Conc: 49.16 ng/ml



#14 Endrin

R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 64962074
Conc: 56.08 ng/ml



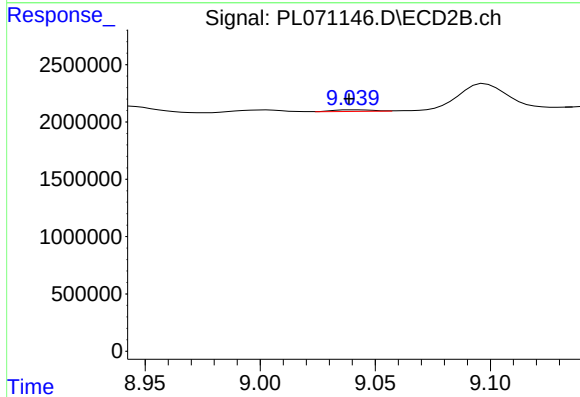
#16 4,4'-DDD

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 167335
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

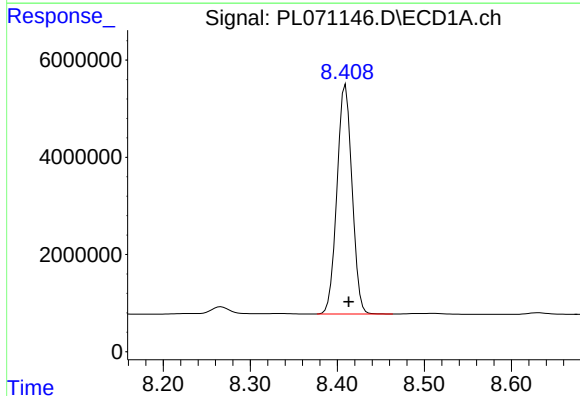
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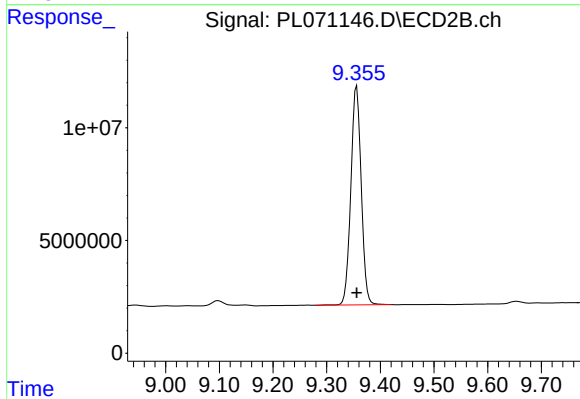
#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 173330
Conc: 0.14 ng/ml m



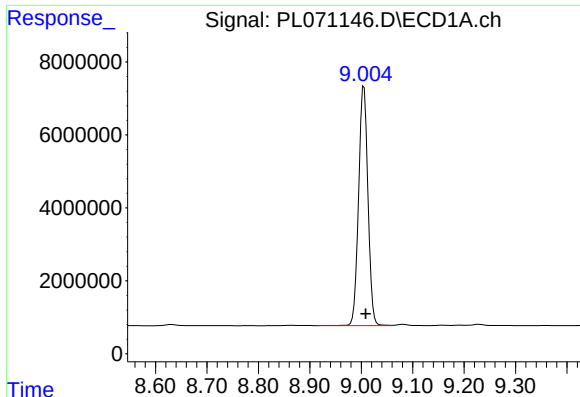
#17 4,4'-DDT

R.T.: 8.410 min
Delta R.T.: -0.003 min
Response: 56837317
Conc: 103.35 ng/ml



#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 130608548
Conc: 103.53 ng/ml



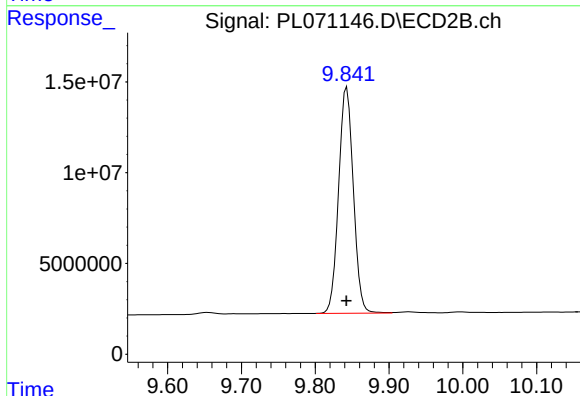
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: -0.003 min
Response: 82919095
Conc: 226.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

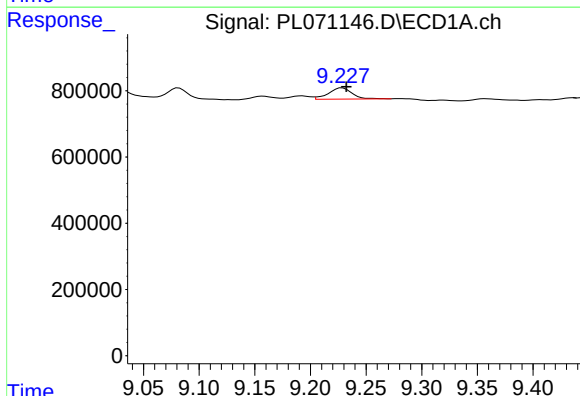
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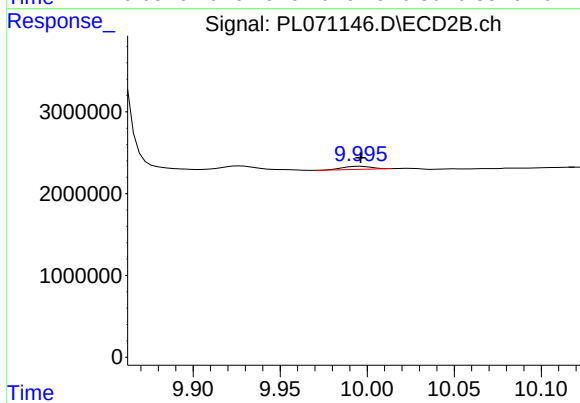
#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 172666679
Conc: 255.12 ng/ml



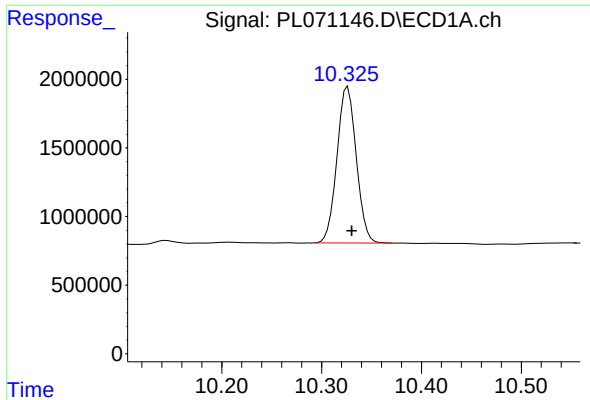
#21 Endrin ketone

R.T.: 9.229 min
Delta R.T.: -0.004 min
Response: 502308
Conc: 0.70 ng/ml



#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 426962
Conc: 0.30 ng/ml



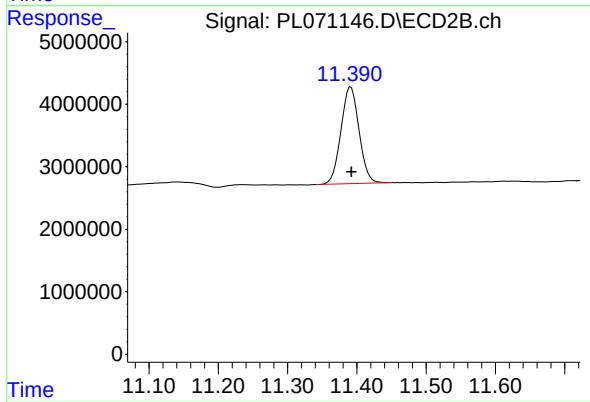
#28 Decachlorobiphenyl

R.T.: 10.326 min
Delta R.T.: -0.004 min
Response: 15299253
Conc: 22.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: 0.000 min
Response: 28117067
Conc: 21.02 ng/ml