

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020722\
 Data File : PL072489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2022 19:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/09/2022
 Supervised By : Ankita Jodhani 02/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 05:22:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 2022
 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...	4.557	5.492	10196941	35574086	21.177	20.594
28)	SA Decachlor...	10.317	11.386	15854228	31762155	20.942	20.029
Target Compounds							
2)	A alpha-BHC	5.263	6.074	6197090	22501717	9.399	9.396
3)	MA gamma-BHC...	5.686	6.470	6045093	22688448	9.619	9.854
6)	B beta-BHC	6.070	6.730	3384560	11503264	13.659m	11.284
12)	B 4,4'-DDE	7.555	8.495	165024	378803	0.272	0.203 #
14)	MA Endrin	7.973	8.887	30988459	81138168	52.899	51.495
16)	A 4,4'-DDD	8.142	9.035	149595	368525	0.311m	0.266m
17)	MA 4,4'-DDT	8.402	9.351	61244709	161.2E6	113.820	105.308
18)	B Endrin al...	8.482	9.261	124840	114312	0.286m	0.102m#
20)	A Methoxychlor	8.998	9.839	86275696	207.1E6	245.364	255.754
21)	B Endrin ke...	9.221	9.991	436826	676119	0.636m	0.424m#

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

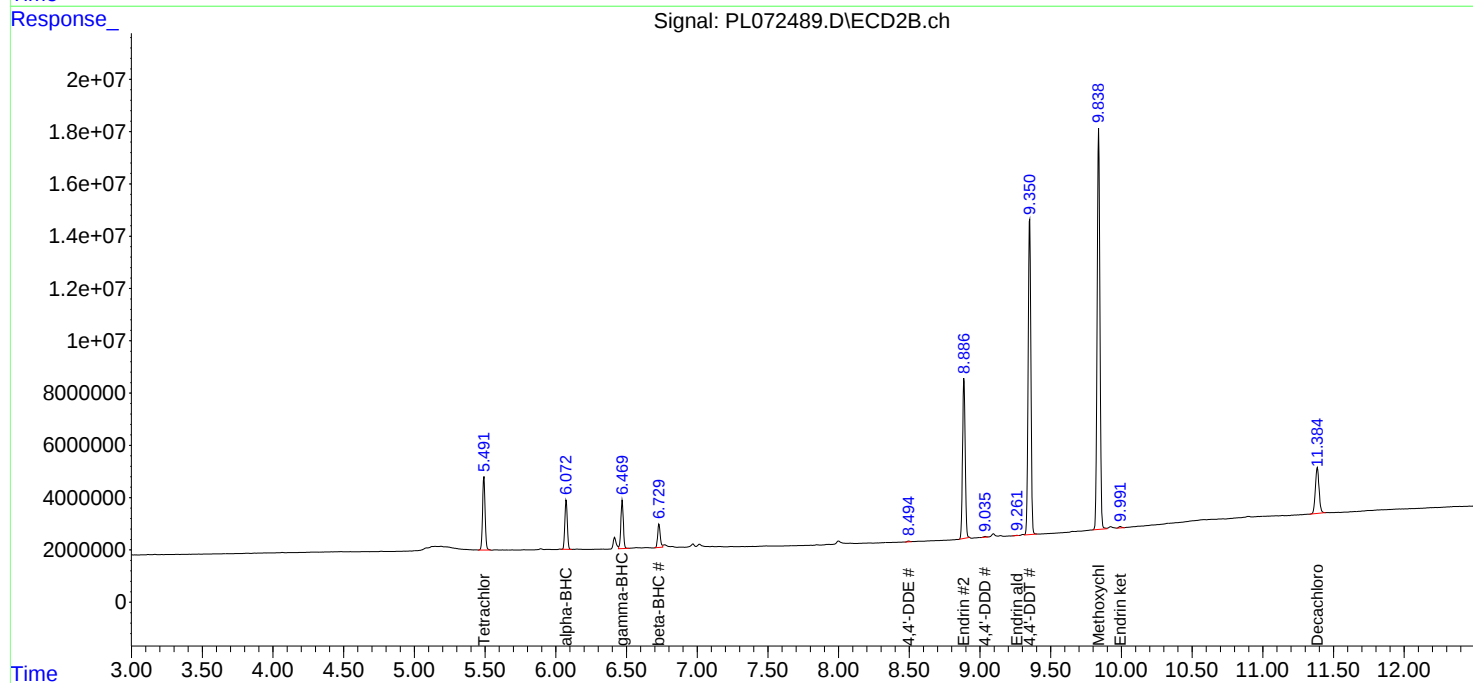
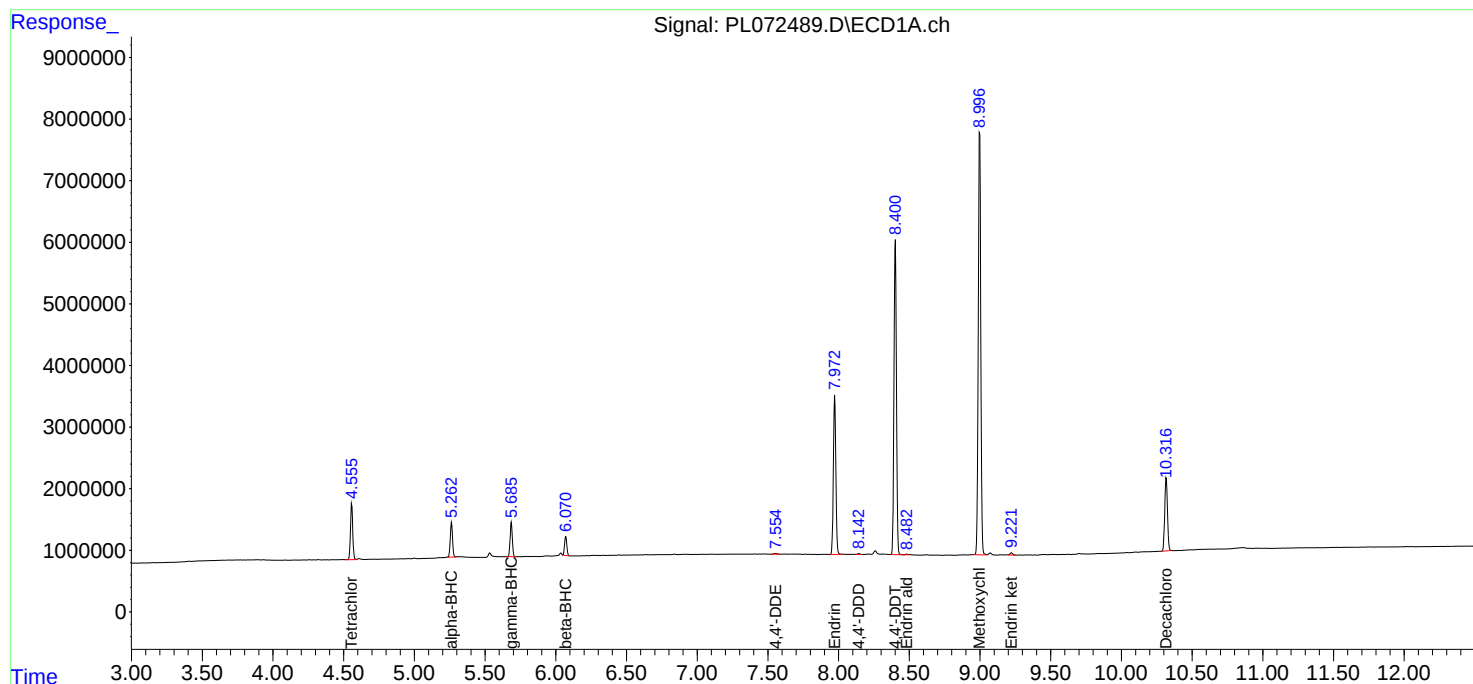
Instrument :
ECD_L
ClientSampleId :
PEM

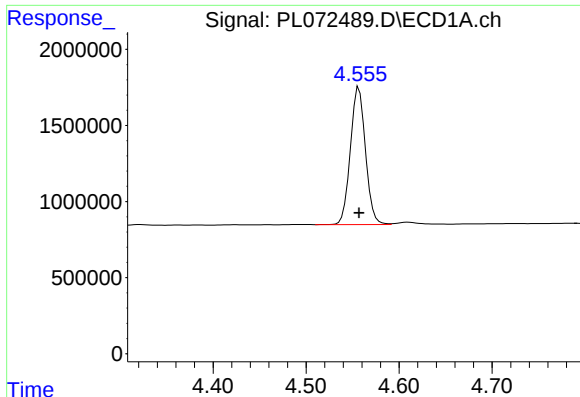
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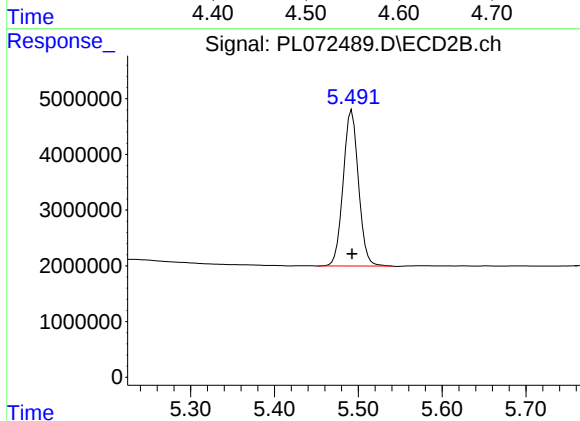
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 10196941
Conc: 21.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

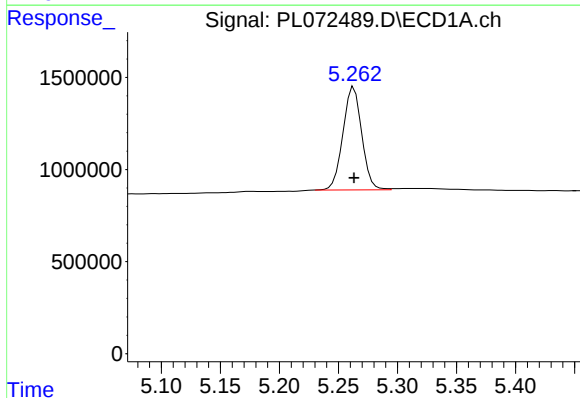
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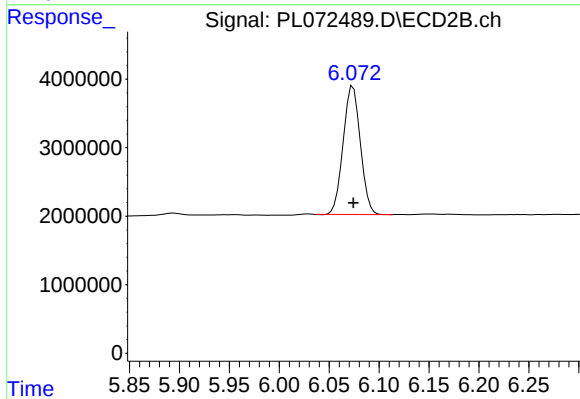
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 35574086
Conc: 20.59 ng/ml



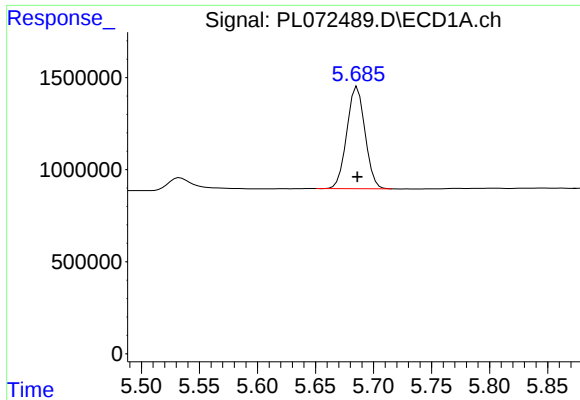
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 6197090
Conc: 9.40 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 22501717
Conc: 9.40 ng/ml



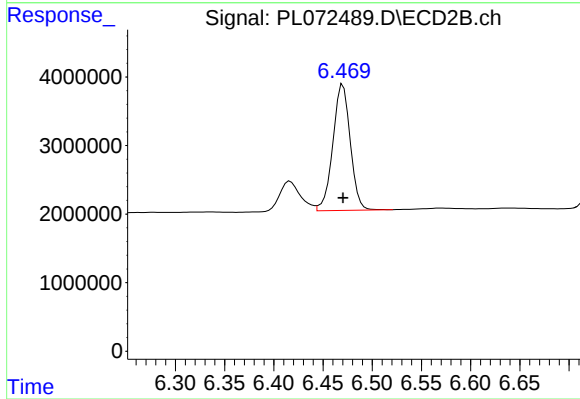
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 6045093
Conc: 9.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

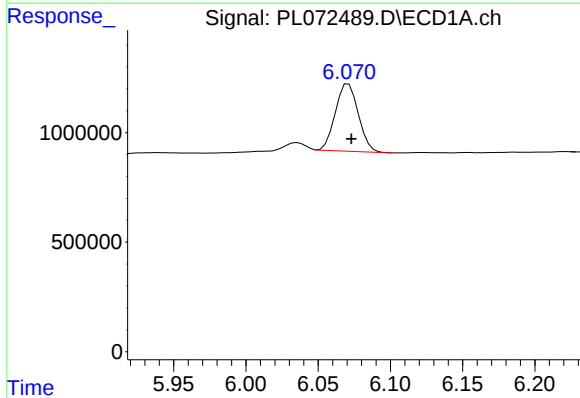
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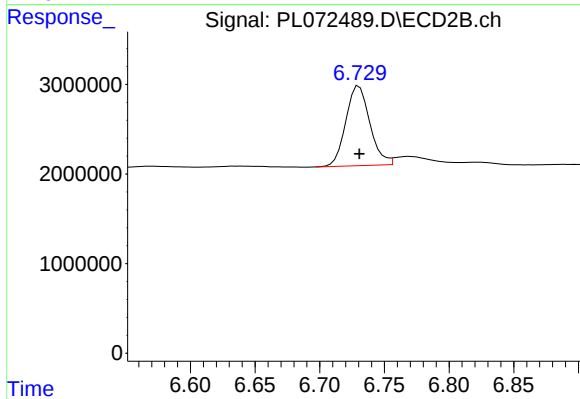
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 22688448
Conc: 9.85 ng/ml



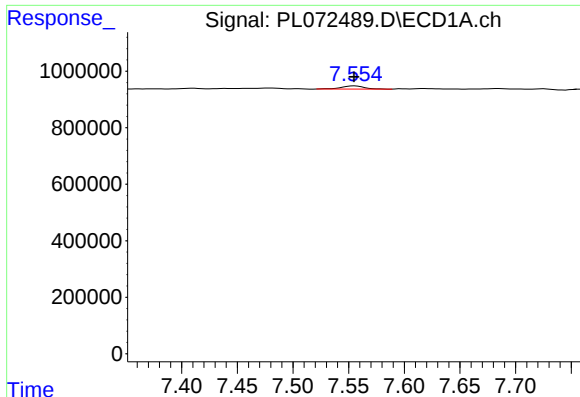
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 3384560
Conc: 13.66 ng/ml m



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 11503264
Conc: 11.28 ng/ml



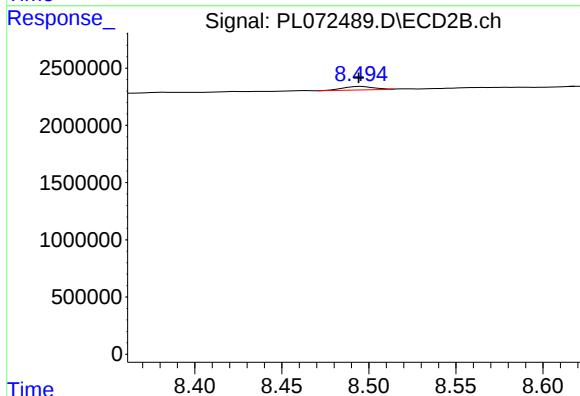
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 165024
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

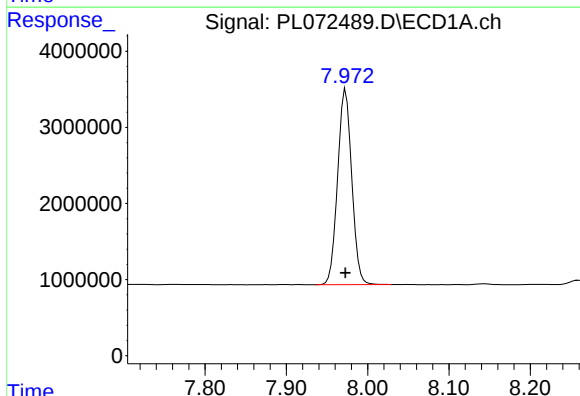
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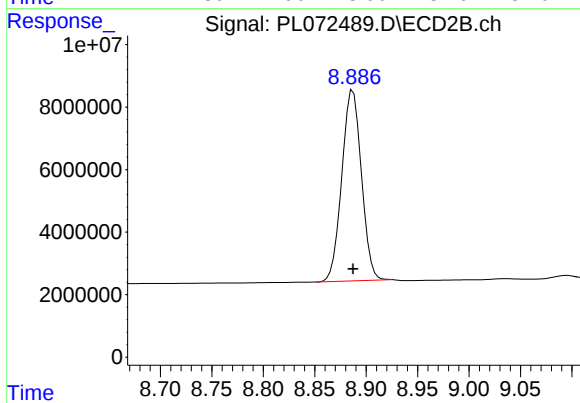
#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: 0.001 min
Response: 378803
Conc: 0.20 ng/ml



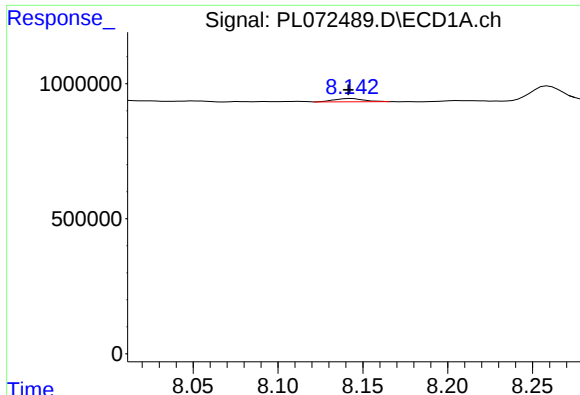
#14 Endrin

R.T.: 7.973 min
Delta R.T.: 0.000 min
Response: 30988459
Conc: 52.90 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 81138168
Conc: 51.50 ng/ml



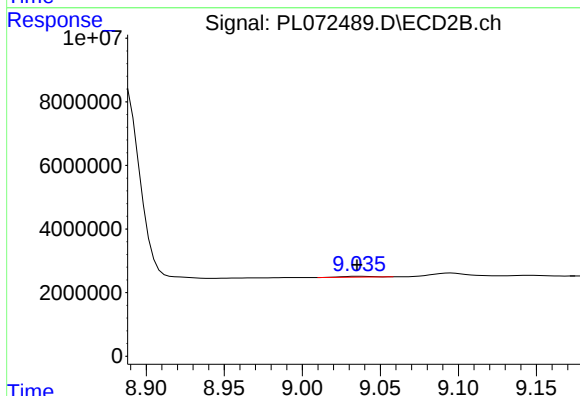
#16 4,4'-DDD

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 149595
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

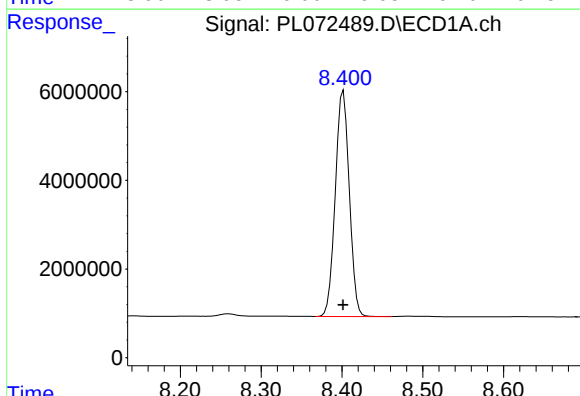
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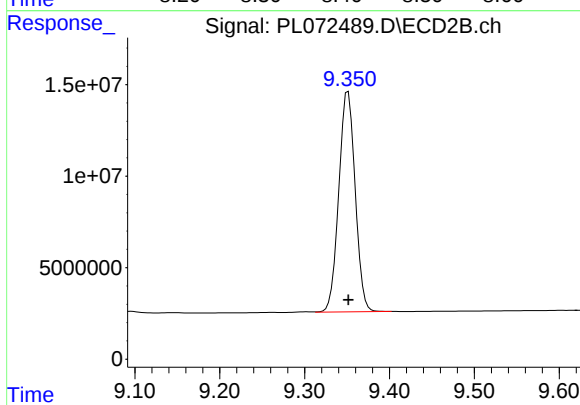
#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 368525
Conc: 0.27 ng/ml m



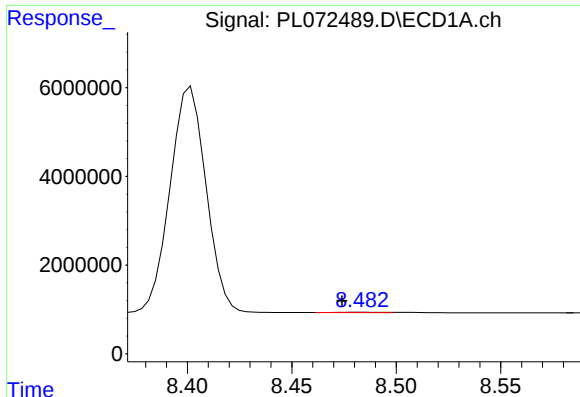
#17 4,4'-DDT

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 61244709
Conc: 113.82 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 161210992
Conc: 105.31 ng/ml



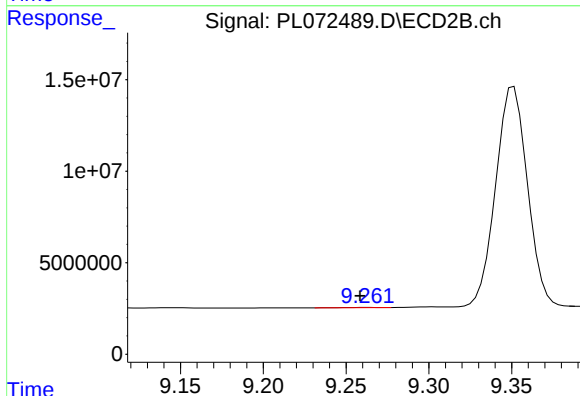
#18 Endrin aldehyde

R.T.: 8.482 min
Delta R.T.: 0.008 min
Response: 124840
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

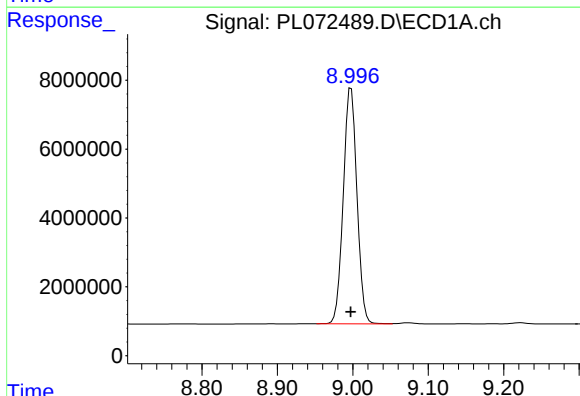
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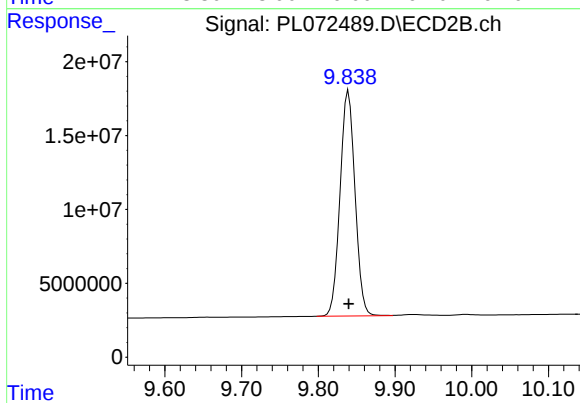
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: 0.003 min
Response: 114312
Conc: 0.10 ng/ml m



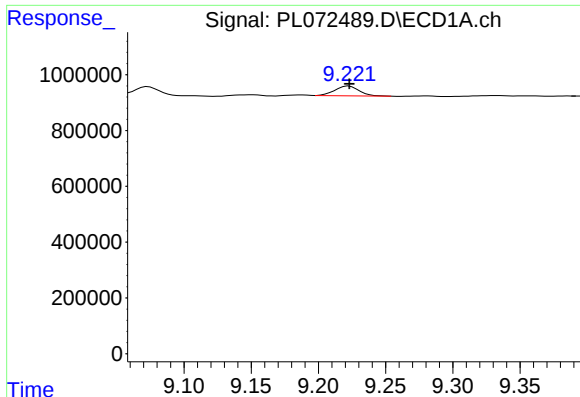
#20 Methoxychlor

R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 86275696
Conc: 245.36 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 207072038
Conc: 255.75 ng/ml



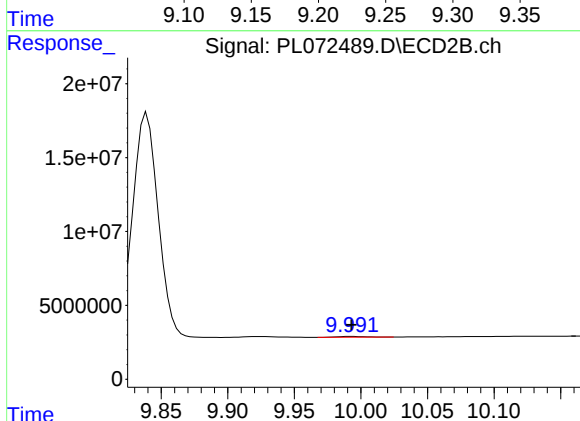
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.002 min
Response: 436826
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

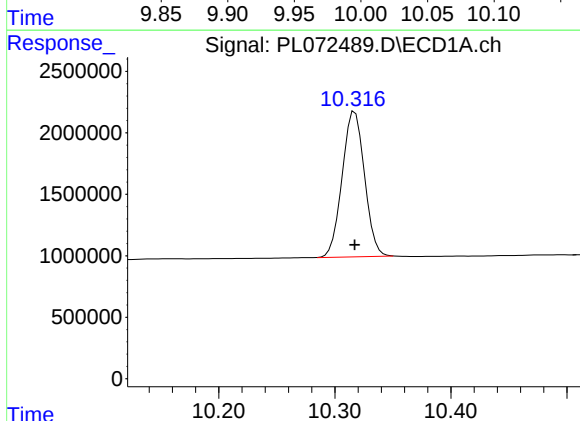
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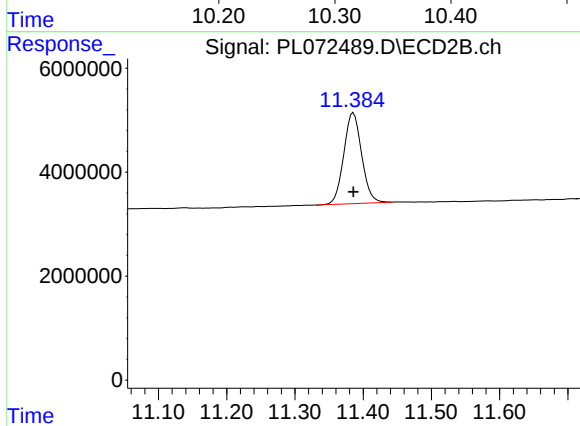
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 676119
Conc: 0.42 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 15854228
Conc: 20.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 31762155
Conc: 20.03 ng/ml