

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122221\
 Data File : PL071574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2021 17:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/23/2021
 Supervised By : Ankita Jodhani 12/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 01:15:53 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	11035169	28711398	23.281	24.101
28)	SA Decachlor...	10.324	11.391	16375045	27353033	24.647	25.176
Target Compounds							
2)	A alpha-BHC	5.266	6.079	6752574	19743912	10.618m	11.481
3)	MA gamma-BHC...	5.690	6.475	6776445	18214964	10.370	11.412
6)	B beta-BHC	6.074	6.734	4034476	10575573	14.129	13.212
12)	B 4,4'-DDE	7.560	8.498	182773	468261	0.335	0.393
14)	MA Endrin	7.978	8.892	31971105	63320896	58.371	62.502
16)	A 4,4'-DDD	8.146	9.039	1428543	3015522	3.035	3.416
17)	MA 4,4'-DDT	8.407	9.356	62121906	123.6E6	121.726	124.963
18)	B Endrin al...	8.478	9.263	522063	767579	1.228m	1.019
20)	A Methoxychlor	9.003	9.843	85902927	155.0E6	265.216	308.766
21)	B Endrin ke...	9.226	9.995	1848837	2285079	2.803	2.173m

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

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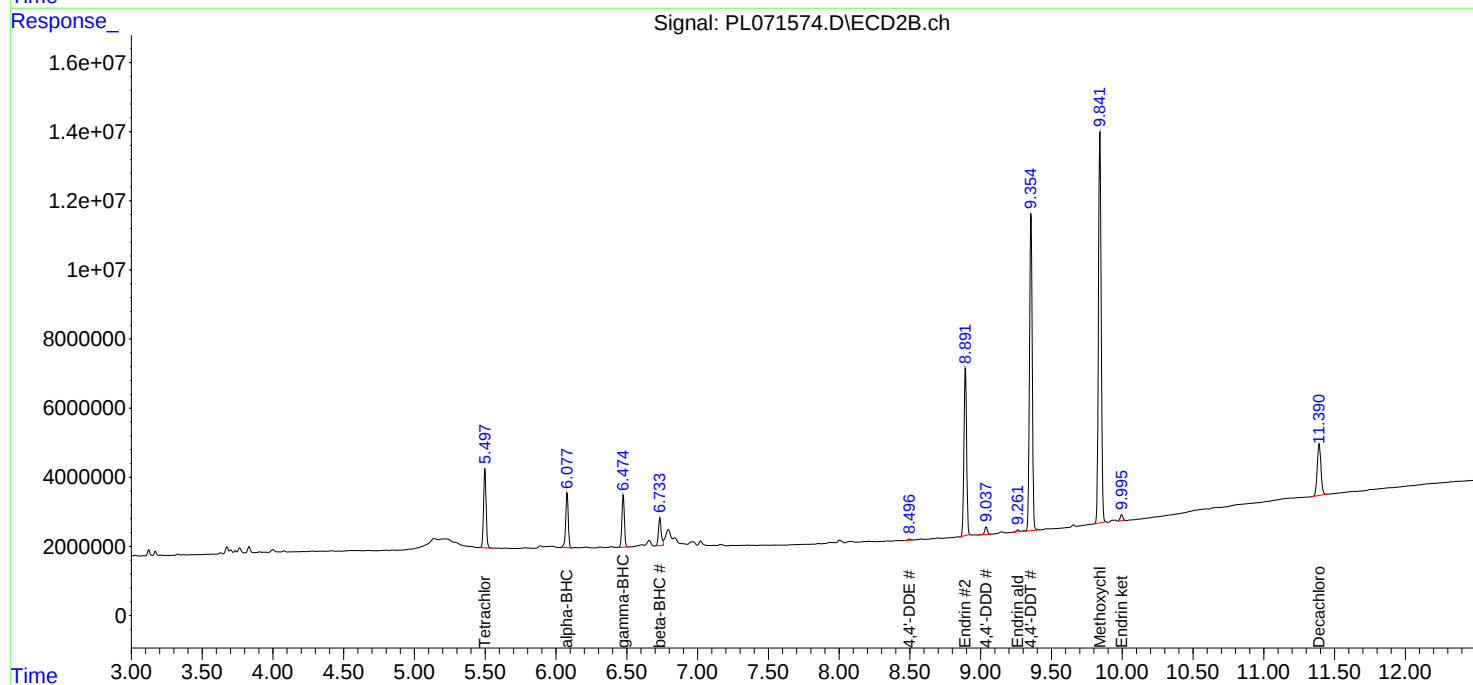
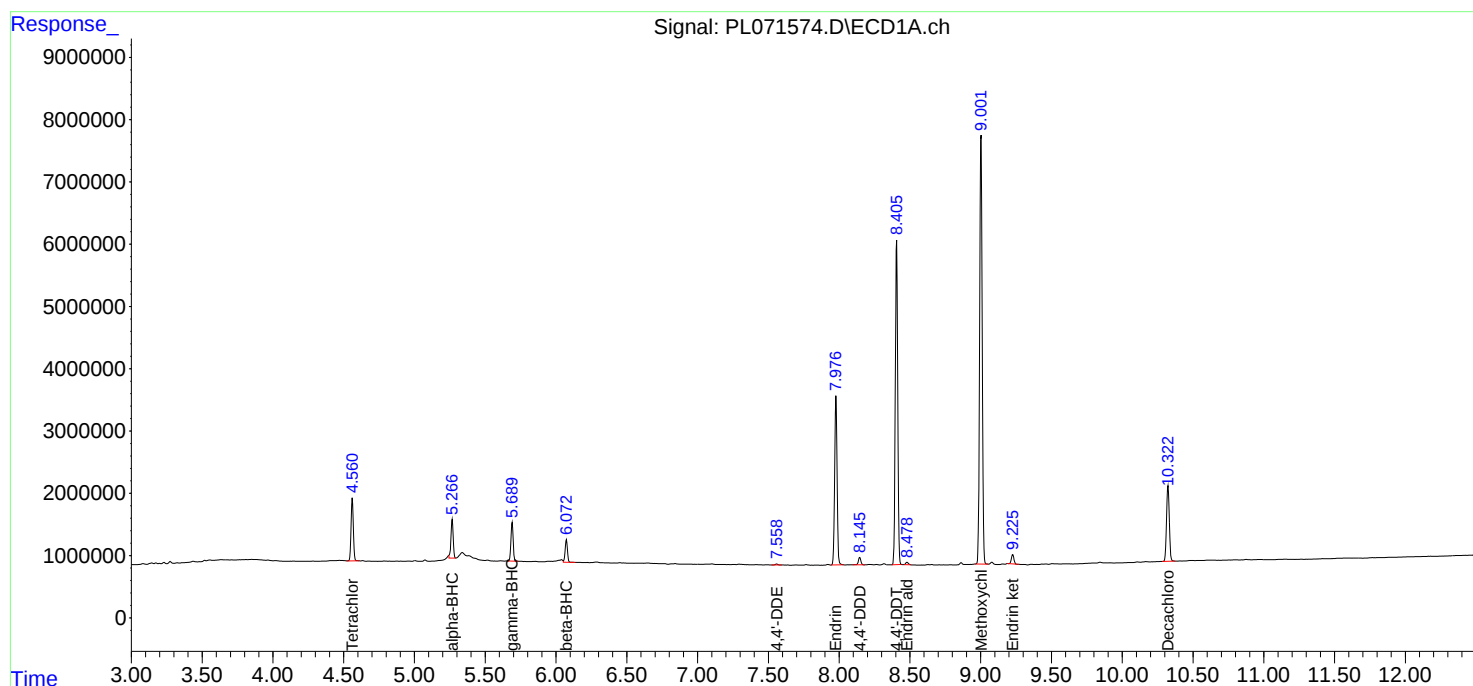
Instrument :
ECD_L
ClientSampleId :
PEM

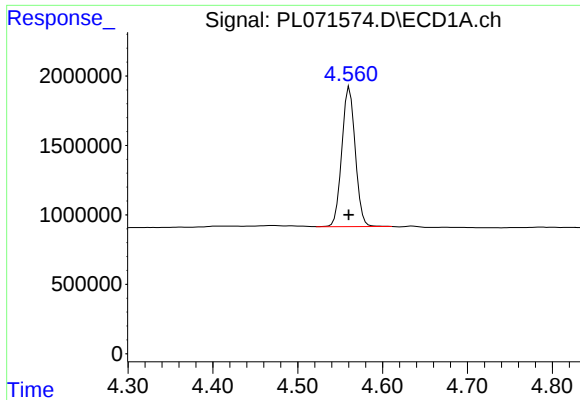
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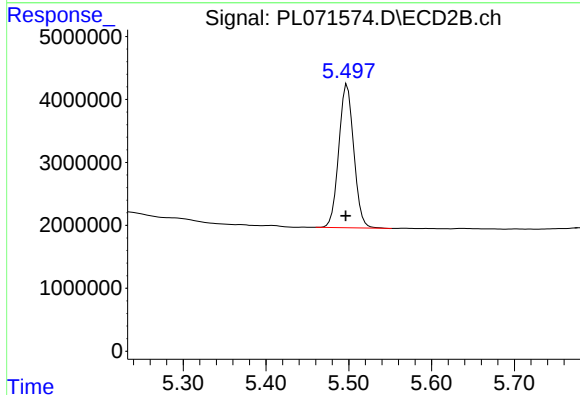
#1 Tetrachloro-m-xylene

R.T.: 4.561 min
Delta R.T.: 0.001 min
Response: 11035169
Conc: 23.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

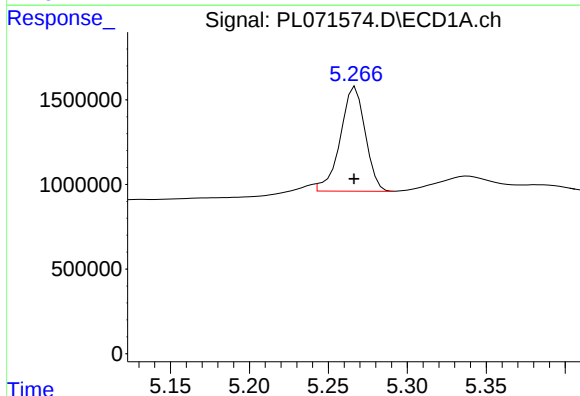
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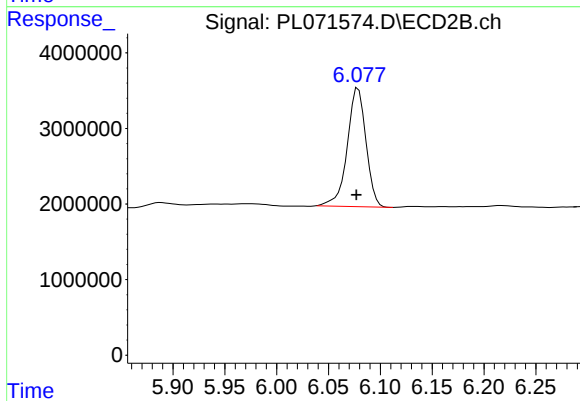
#1 Tetrachloro-m-xylene

R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 28711398
Conc: 24.10 ng/ml



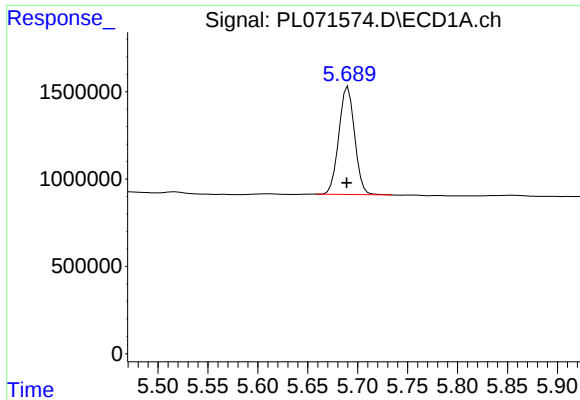
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 6752574
Conc: 10.62 ng/ml m



#2 alpha-BHC

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 19743912
Conc: 11.48 ng/ml



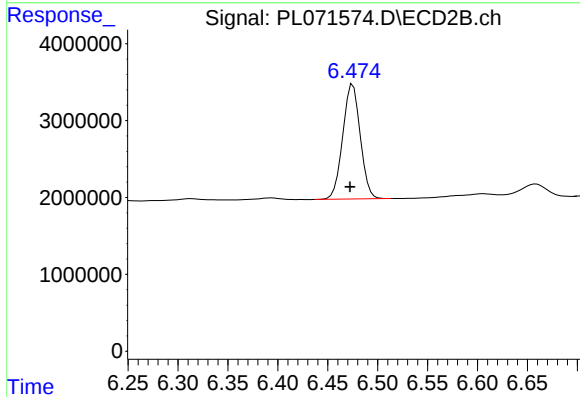
#3 gamma-BHC (Lindane)

R.T.: 5.690 min
Delta R.T.: 0.001 min
Response: 6776445
Conc: 10.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

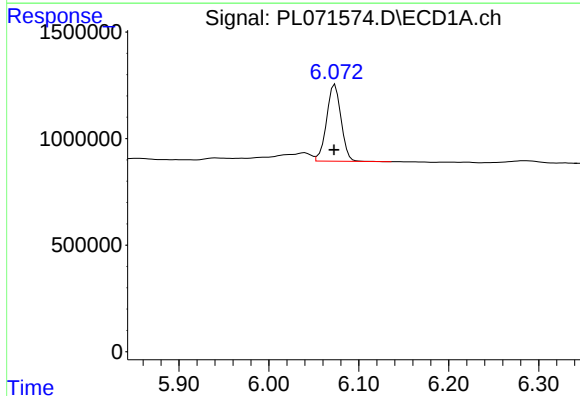
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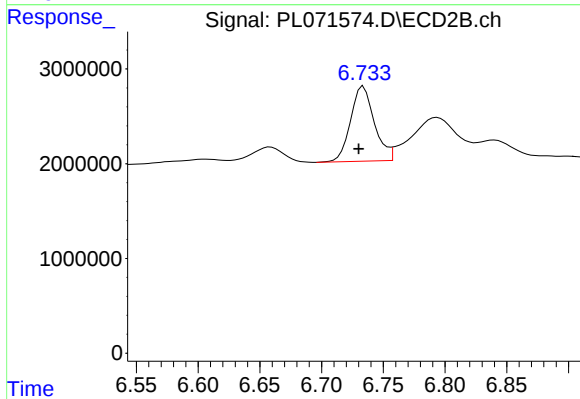
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: 0.003 min
Response: 18214964
Conc: 11.41 ng/ml



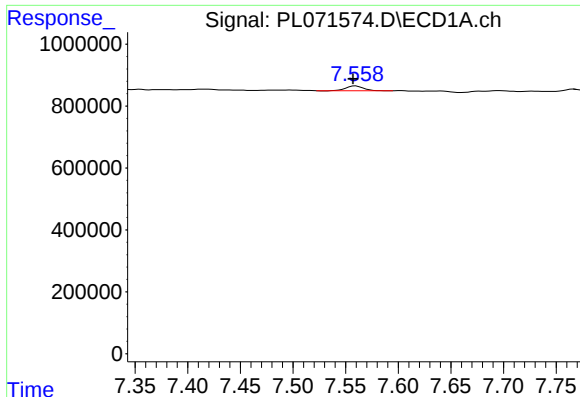
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 4034476
Conc: 14.13 ng/ml



#6 beta-BHC

R.T.: 6.734 min
Delta R.T.: 0.004 min
Response: 10575573
Conc: 13.21 ng/ml



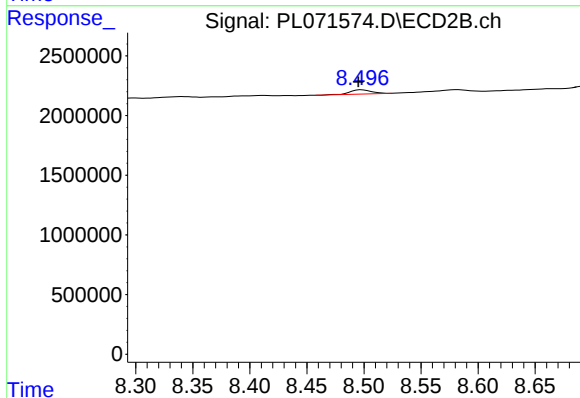
#12 4,4'-DDE

R.T.: 7.560 min
Delta R.T.: 0.002 min
Response: 182773
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

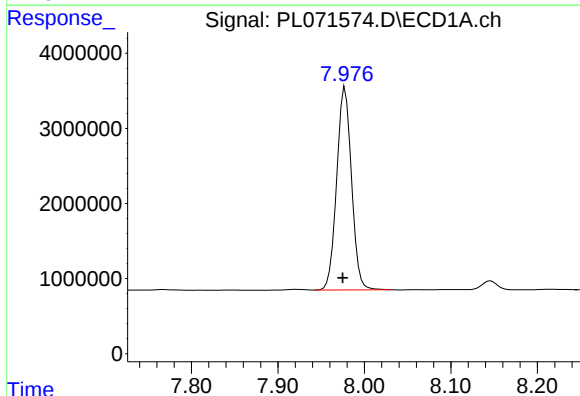
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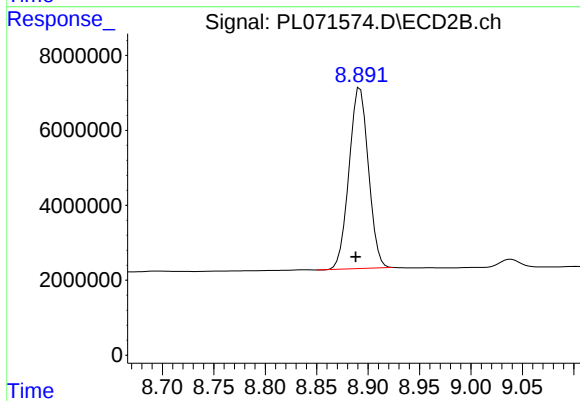
#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: 0.003 min
Response: 468261
Conc: 0.39 ng/ml



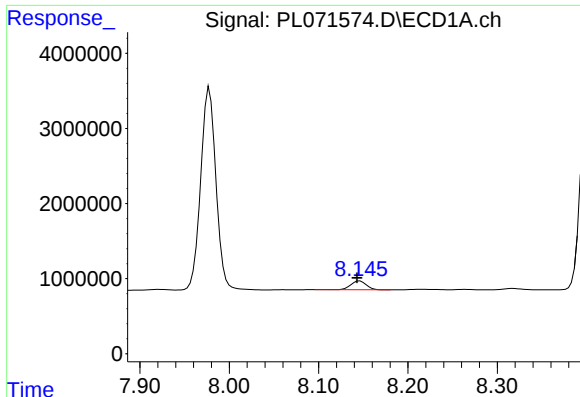
#14 Endrin

R.T.: 7.978 min
Delta R.T.: 0.003 min
Response: 31971105
Conc: 58.37 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.004 min
Response: 63320896
Conc: 62.50 ng/ml



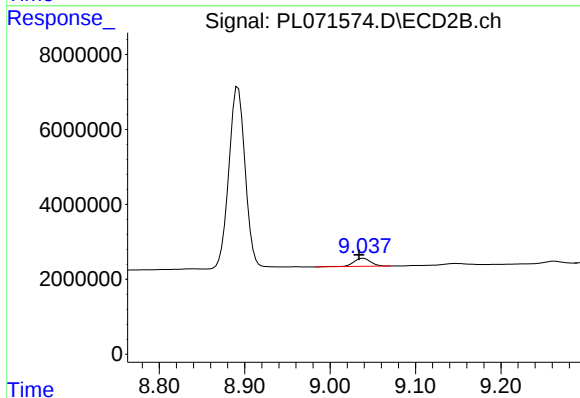
#16 4,4'-DDD

R.T.: 8.146 min
Delta R.T.: 0.003 min
Response: 1428543
Conc: 3.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

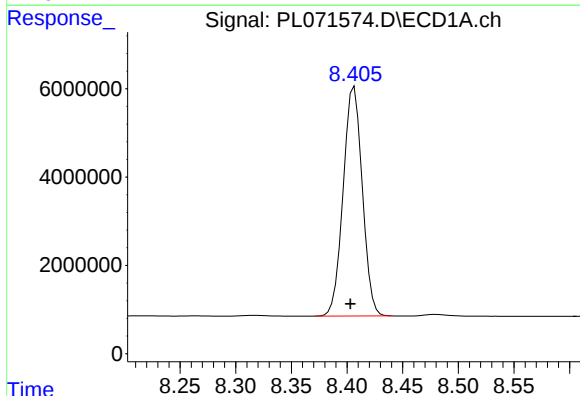
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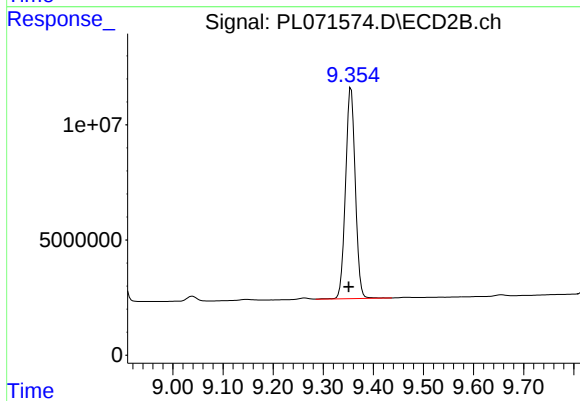
#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.005 min
Response: 3015522
Conc: 3.42 ng/ml



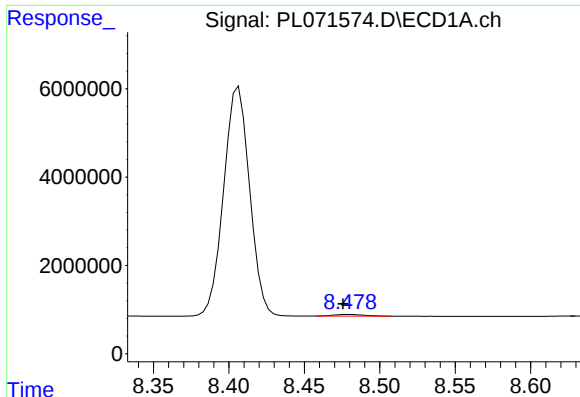
#17 4,4'-DDT

R.T.: 8.407 min
Delta R.T.: 0.003 min
Response: 62121906
Conc: 121.73 ng/ml



#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.005 min
Response: 123570113
Conc: 124.96 ng/ml



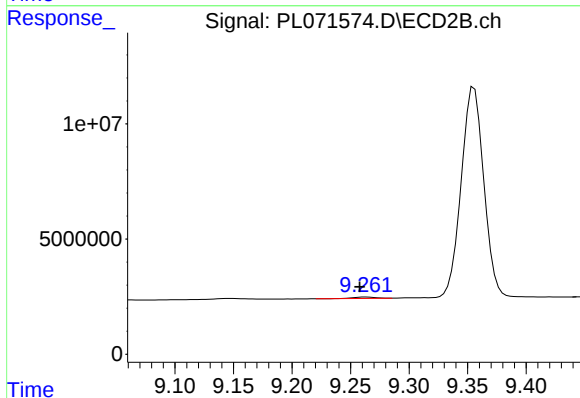
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: 0.003 min
Response: 522063
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

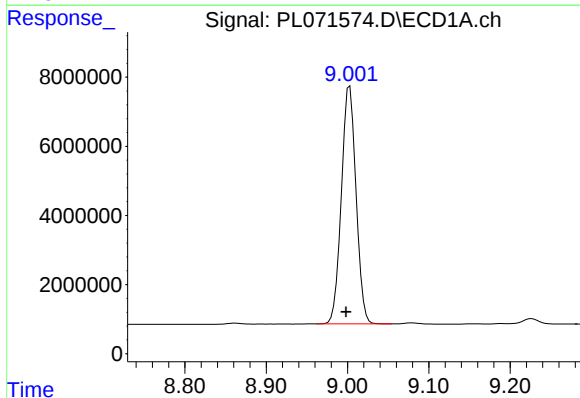
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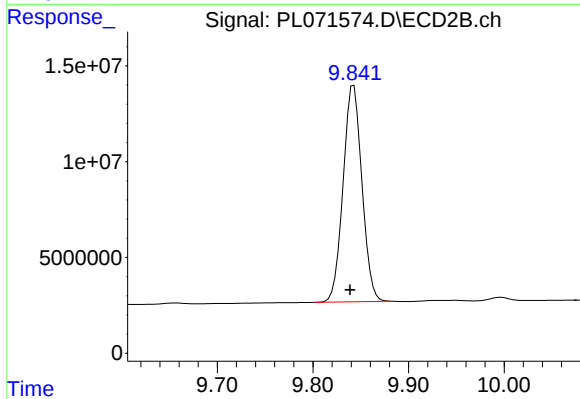
#18 Endrin aldehyde

R.T.: 9.263 min
Delta R.T.: 0.005 min
Response: 767579
Conc: 1.02 ng/ml



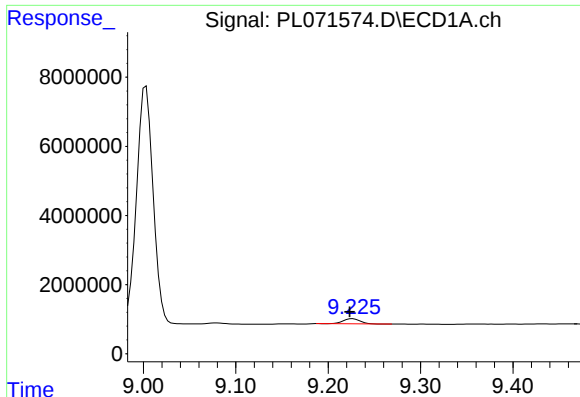
#20 Methoxychlor

R.T.: 9.003 min
Delta R.T.: 0.004 min
Response: 85902927
Conc: 265.22 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.004 min
Response: 154991888
Conc: 308.77 ng/ml



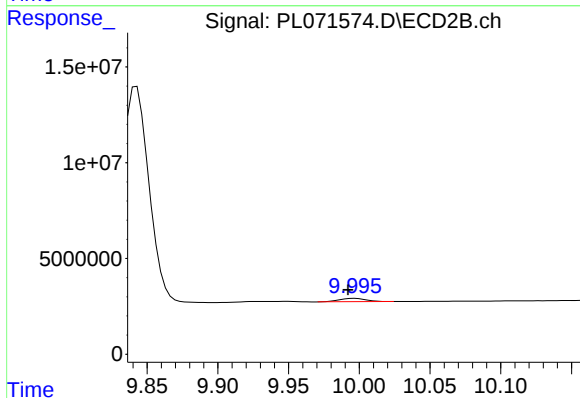
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: 0.003 min
Response: 1848837
Conc: 2.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

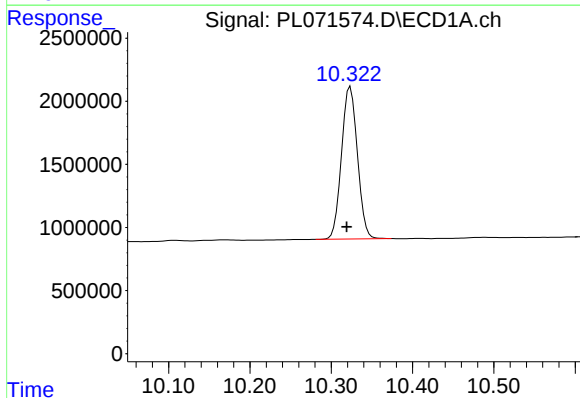
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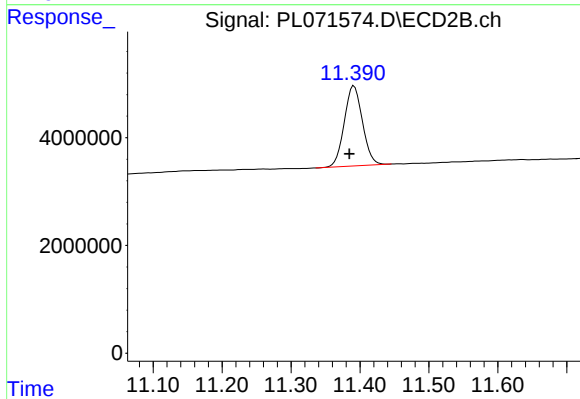
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.003 min
Response: 2285079
Conc: 2.17 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: 0.004 min
Response: 16375045
Conc: 24.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: 0.006 min
Response: 27353033
Conc: 25.18 ng/ml