

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052522\
 Data File : PL075041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2022 21:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/26/2022
 Supervised By : Ankita Jodhani 05/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 06:24:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.643	4.646	13578632	35101264	26.743	25.574
28)	SA Decachlor...	11.635	10.391	11720480	26819406	26.245	26.129m
Target Compounds							
2)	A alpha-BHC	6.226	5.346	8734469	22507542	12.767	13.374m
3)	MA gamma-BHC...	6.624	5.767	8332367	21745897	12.908	13.160m
6)	B beta-BHC	6.875	6.145	4076783	10901438	13.660	13.730
12)	B 4,4'-DDE	8.655	7.631	96323	342162	0.208m	0.291 #
14)	MA Endrin	9.058	8.052	27977329	75169776	67.797m	71.163
16)	A 4,4'-DDD	9.199	8.216	3224541	7952233	7.132	8.072
17)	MA 4,4'-DDT	9.518	8.476	51737998	135.1E6	112.564	135.001m
18)	B Endrin al...	9.428	8.549	406807	1024347	1.149	1.283m
20)	A Methoxychlor	10.003	9.068	71192301	176.5E6	290.684m	302.102m
21)	B Endrin ke...	10.168	9.296	1896715	3350964	3.698	3.006m

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

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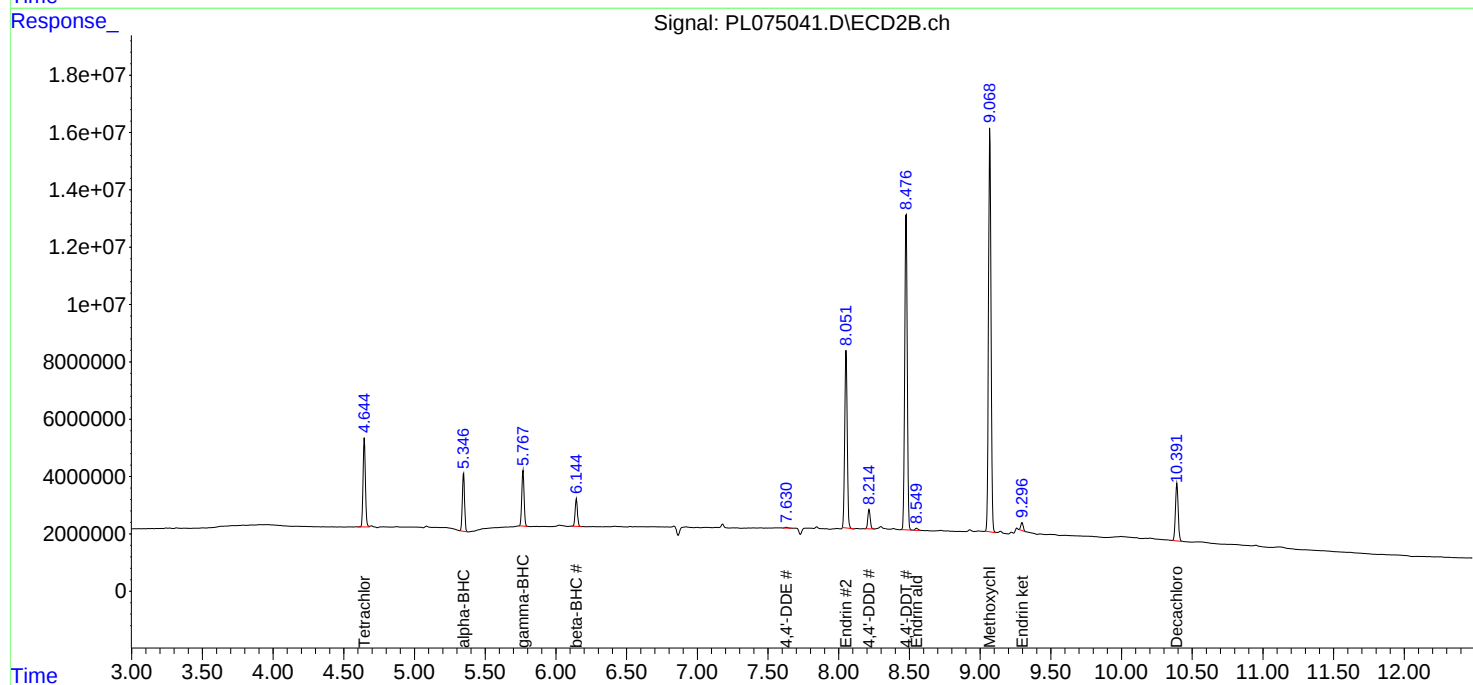
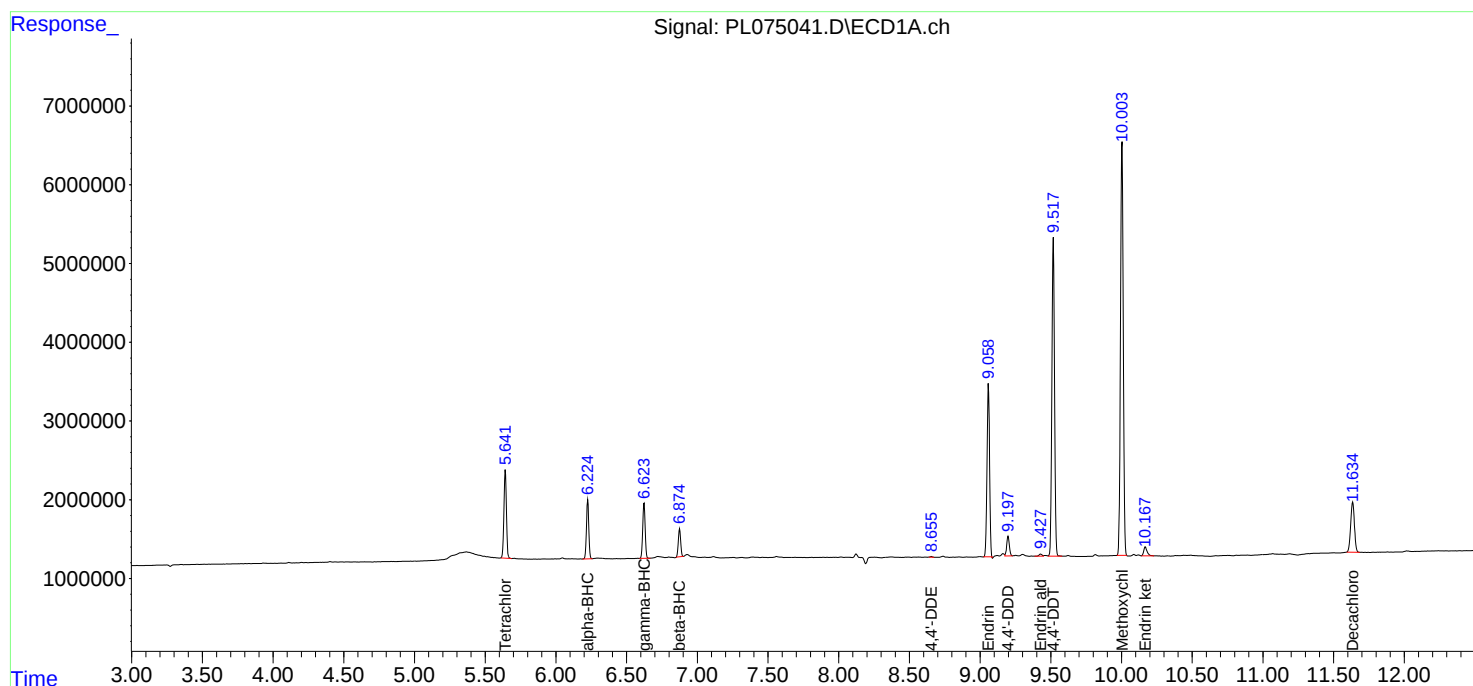
Instrument :
ECD_L
ClientSampleId :
PEM

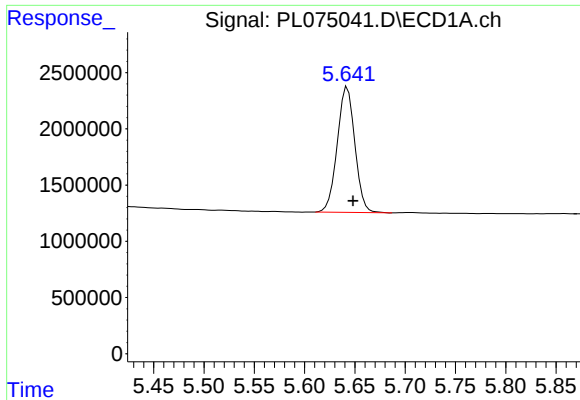
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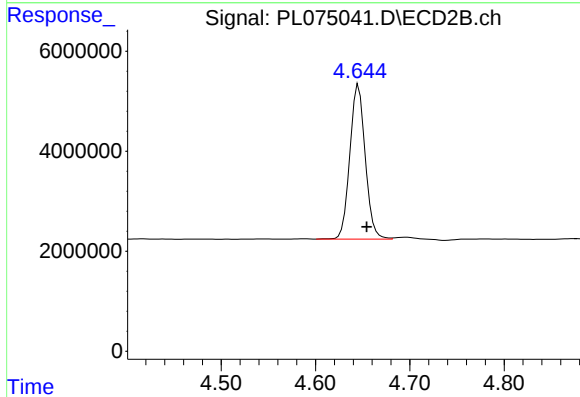
#1 Tetrachloro-m-xylene

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 13578632
Conc: 26.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

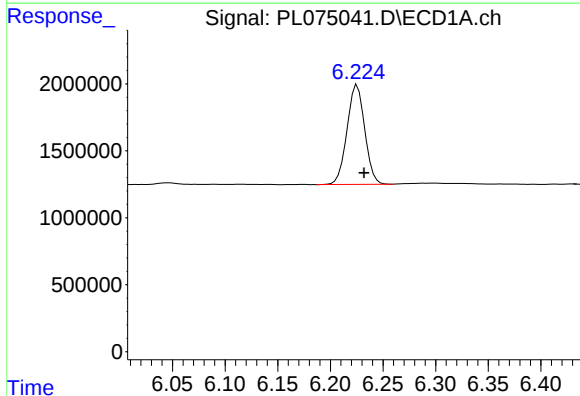
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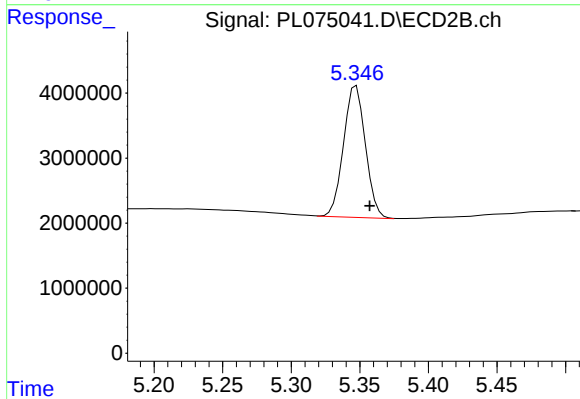
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: -0.009 min
Response: 35101264
Conc: 25.57 ng/ml



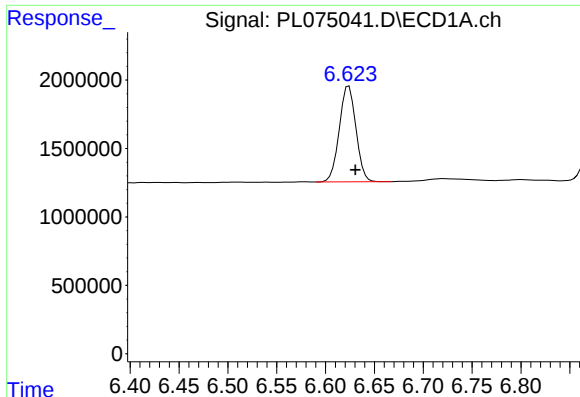
#2 alpha-BHC

R.T.: 6.226 min
Delta R.T.: -0.006 min
Response: 8734469
Conc: 12.77 ng/ml



#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.011 min
Response: 22507542
Conc: 13.37 ng/ml m



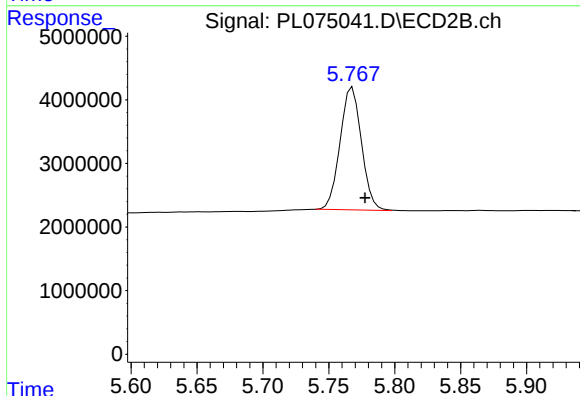
#3 gamma-BHC (Lindane)

R.T.: 6.624 min
Delta R.T.: -0.007 min
Response: 8332367
Conc: 12.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

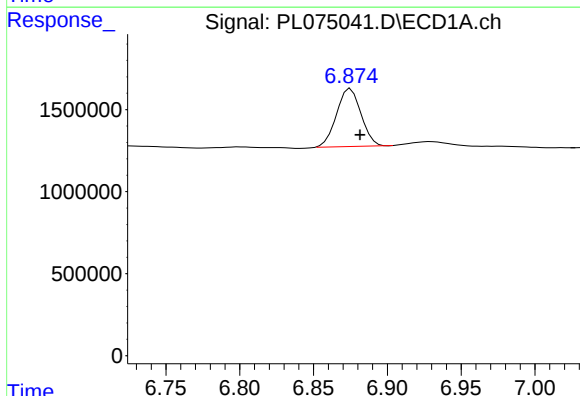
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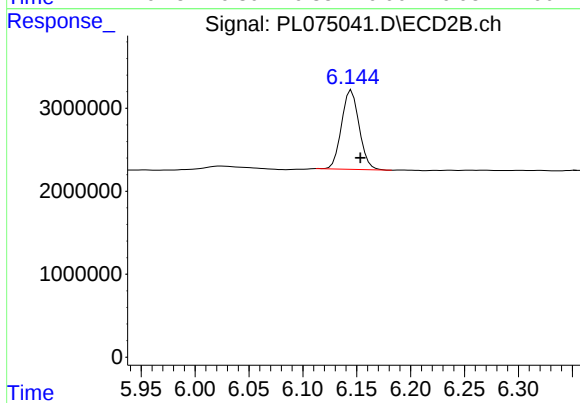
#3 gamma-BHC (Lindane)

R.T.: 5.767 min
Delta R.T.: -0.011 min
Response: 21745897
Conc: 13.16 ng/ml m



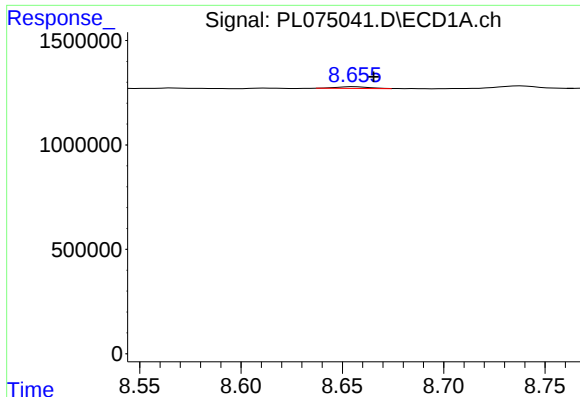
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: -0.006 min
Response: 4076783
Conc: 13.66 ng/ml



#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.008 min
Response: 10901438
Conc: 13.73 ng/ml



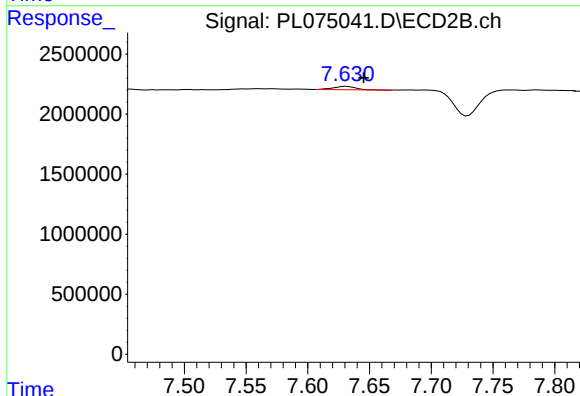
#12 4,4'-DDE

R.T.: 8.655 min
Delta R.T.: -0.011 min
Response: 96323
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

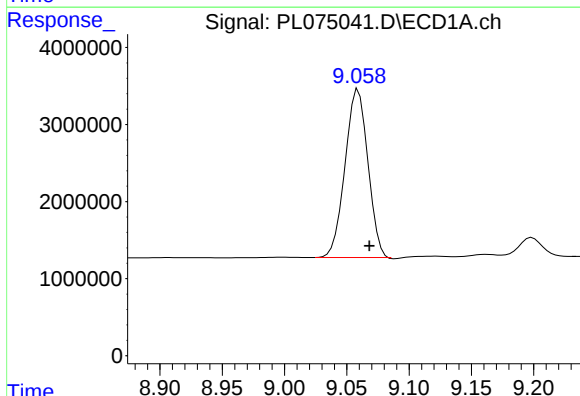
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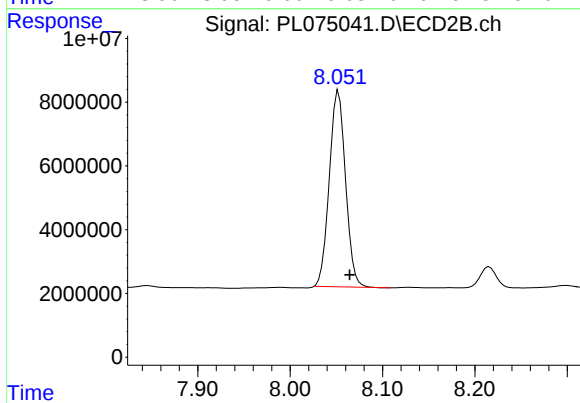
#12 4,4'-DDE

R.T.: 7.631 min
Delta R.T.: -0.014 min
Response: 342162
Conc: 0.29 ng/ml



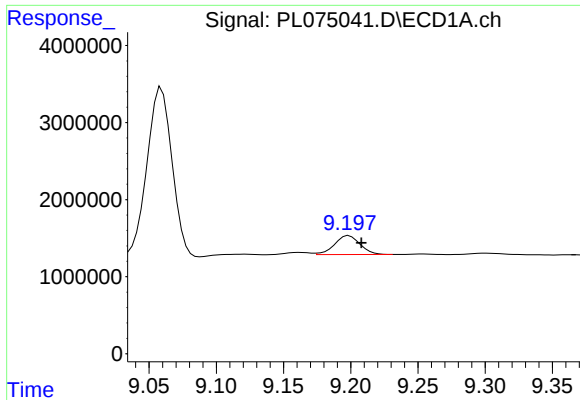
#14 Endrin

R.T.: 9.058 min
Delta R.T.: -0.010 min
Response: 27977329
Conc: 67.80 ng/ml m



#14 Endrin

R.T.: 8.052 min
Delta R.T.: -0.012 min
Response: 75169776
Conc: 71.16 ng/ml



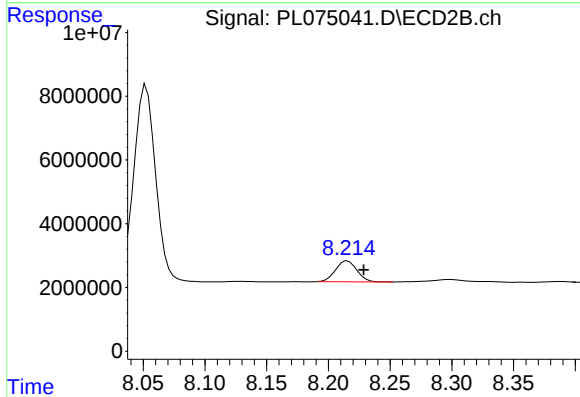
#16 4,4'-DDD

R.T.: 9.199 min
Delta R.T.: -0.009 min
Response: 3224541
Conc: 7.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

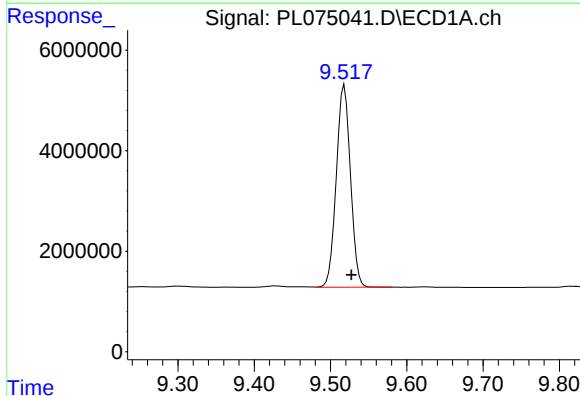
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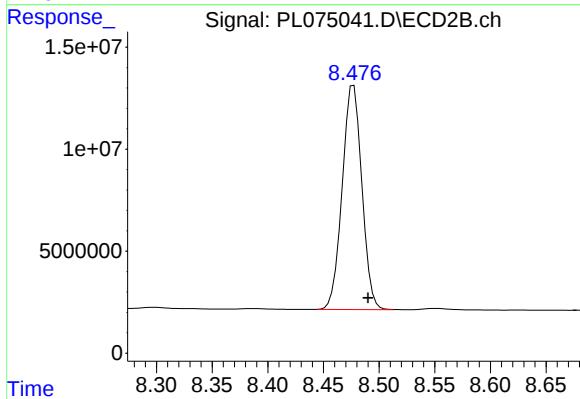
#16 4,4'-DDD

R.T.: 8.216 min
Delta R.T.: -0.013 min
Response: 7952233
Conc: 8.07 ng/ml



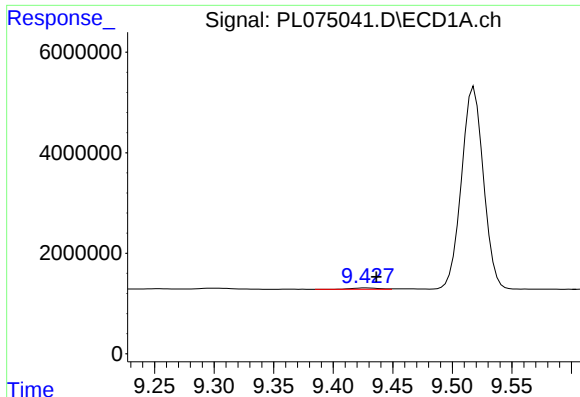
#17 4,4'-DDT

R.T.: 9.518 min
Delta R.T.: -0.009 min
Response: 51737998
Conc: 112.56 ng/ml



#17 4,4'-DDT

R.T.: 8.476 min
Delta R.T.: -0.014 min
Response: 135070200
Conc: 135.00 ng/ml m



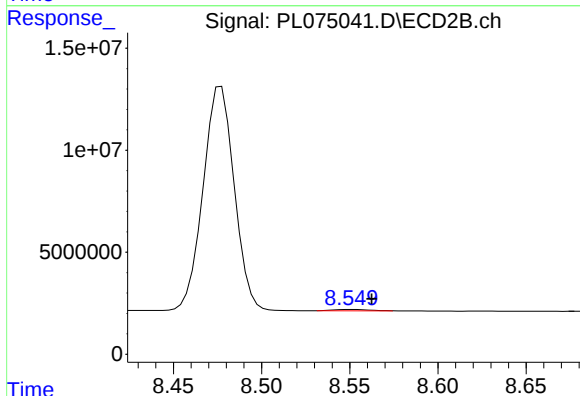
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: -0.008 min
Response: 406807
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

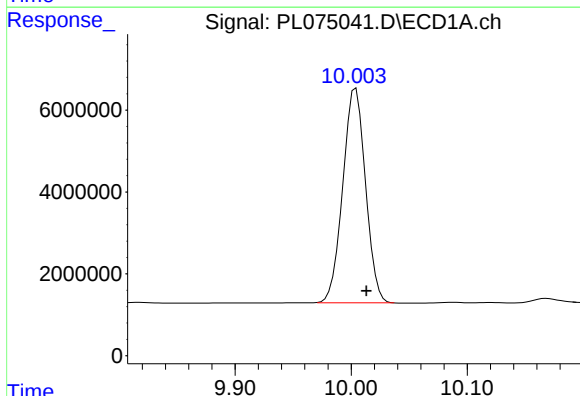
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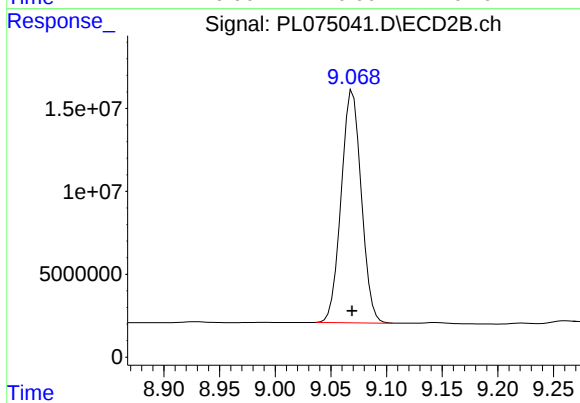
#18 Endrin aldehyde

R.T.: 8.549 min
Delta R.T.: -0.013 min
Response: 1024347
Conc: 1.28 ng/ml m



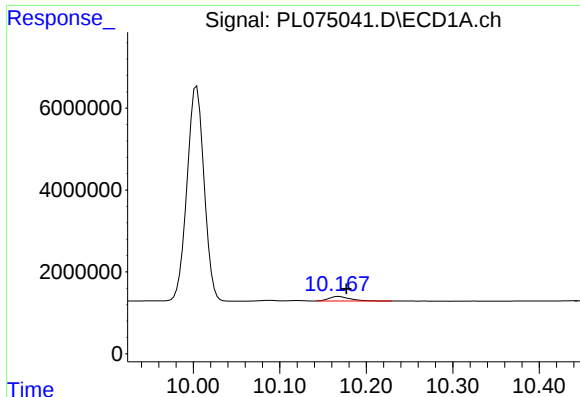
#20 Methoxychlor

R.T.: 10.003 min
Delta R.T.: -0.010 min
Response: 71192301
Conc: 290.68 ng/ml m



#20 Methoxychlor

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 176545903
Conc: 302.10 ng/ml m



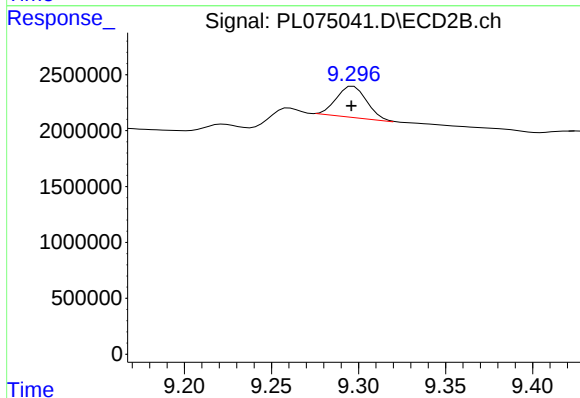
#21 Endrin ketone

R.T.: 10.168 min
Delta R.T.: -0.009 min
Response: 1896715
Conc: 3.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

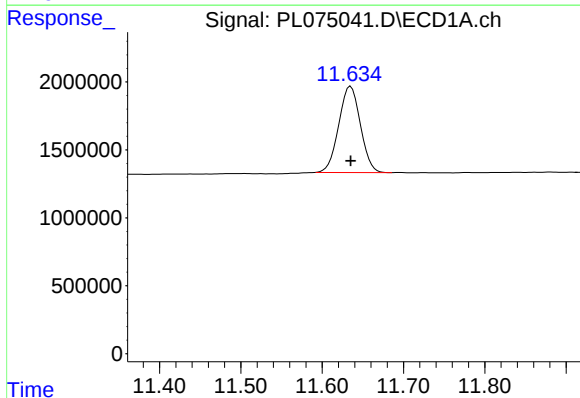
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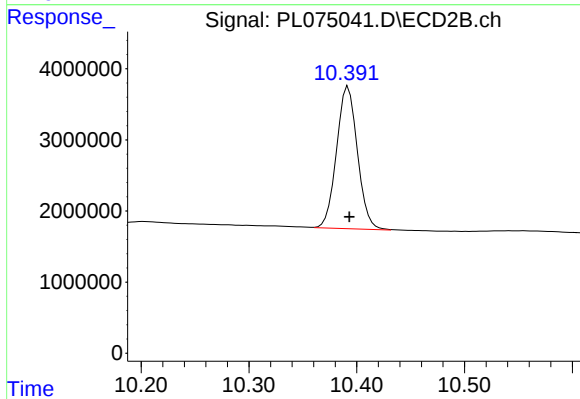
#21 Endrin ketone

R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 3350964
Conc: 3.01 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.635 min
Delta R.T.: 0.000 min
Response: 11720480
Conc: 26.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.391 min
Delta R.T.: -0.002 min
Response: 26819406
Conc: 26.13 ng/ml m