

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074349.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 19:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/26/2022
 Supervised By : mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 02:06:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.635	5.489	6769477	35272079	20.951	19.783
28)	SA Decachlor...	10.403	11.331	10694698	37016645	20.566m	20.957
Target Compounds							
2)	A alpha-BHC	5.342	6.052	3991223	22023827	9.511	8.746
3)	MA gamma-BHC...	5.765	6.441	3902285	21218746	9.304	8.964
6)	B beta-BHC	6.146	6.678	2306728	11735714	11.289	10.413
12)	B 4,4'-DDE	7.639	8.461	122824	591110	0.337	0.297
14)	MA Endrin	8.057	8.845	18907998	87821966	46.545	51.853
16)	A 4,4'-DDD	8.224	8.988	1143587	6026006	3.541	3.917
17)	MA 4,4'-DDT	8.485	9.306	32132869	155.3E6	86.930	87.623
18)	B Endrin al...	8.559	9.202	249199	567633	0.770	0.439m#
20)	A Methoxychlor	9.080	9.787	47929406	198.8E6	193.055	206.703
21)	B Endrin ke...	9.307	9.927	978135	3008511	2.002	1.738

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

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Acq On : 25 Apr 2022 19:08
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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

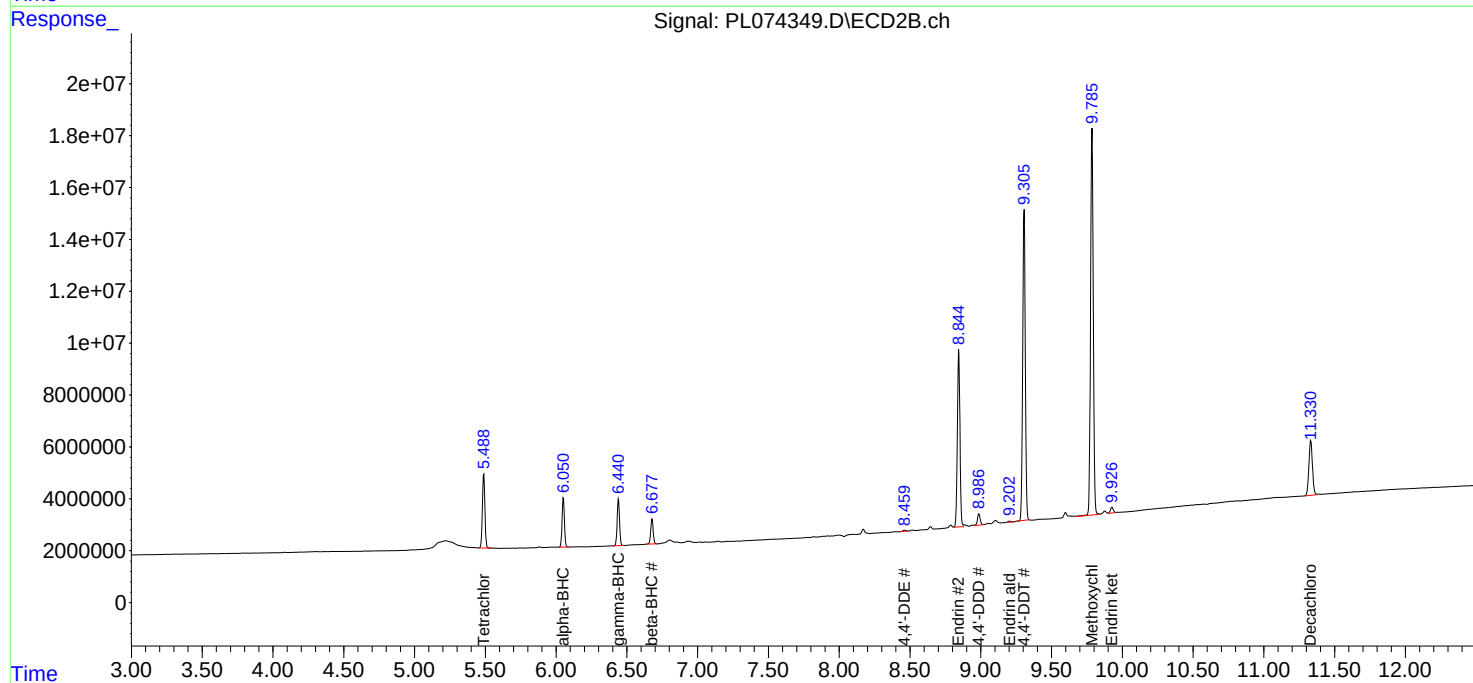
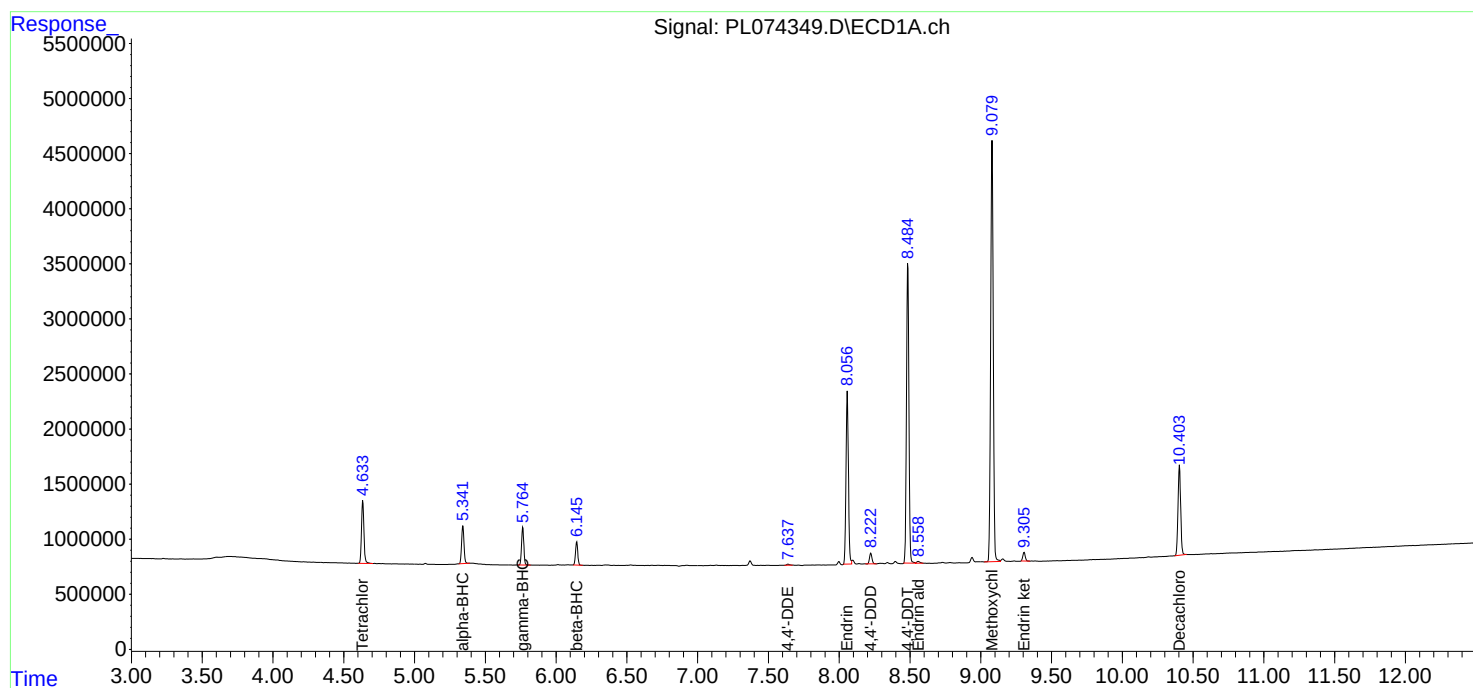
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ClientSampleId :
PEM

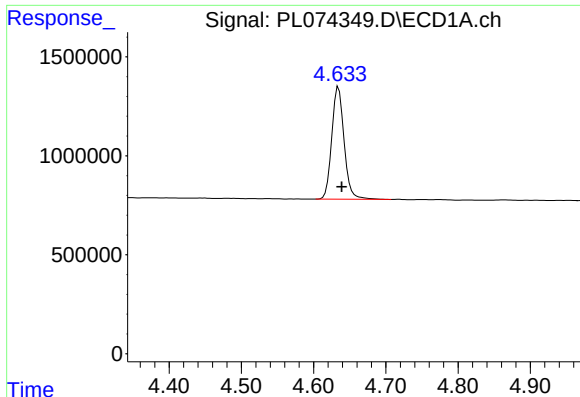
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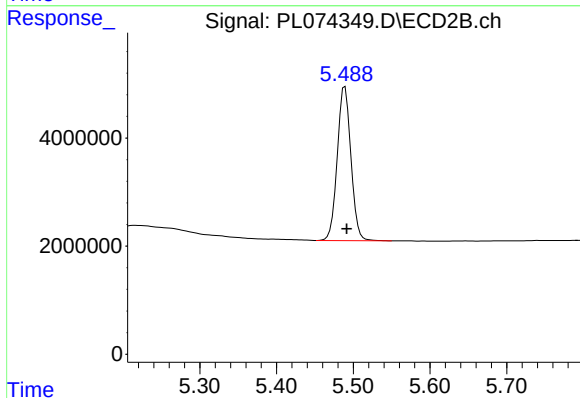
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 6769477
Conc: 20.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

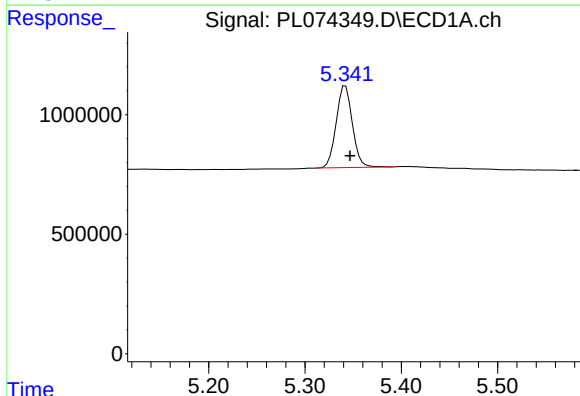
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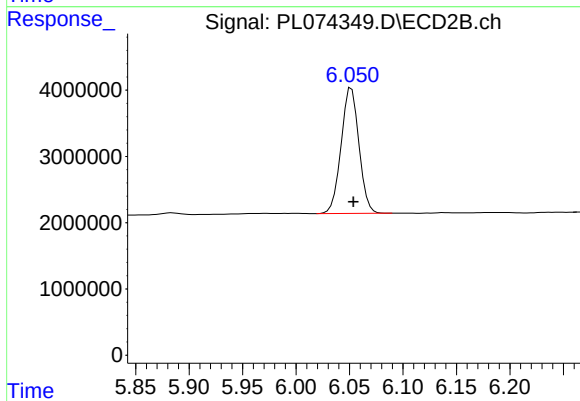
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 35272079
Conc: 19.78 ng/ml



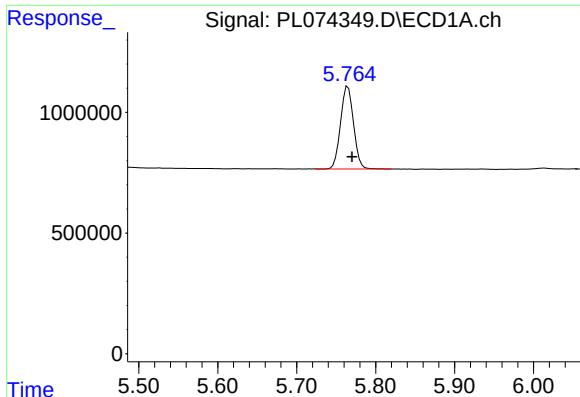
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 3991223
Conc: 9.51 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 22023827
Conc: 8.75 ng/ml



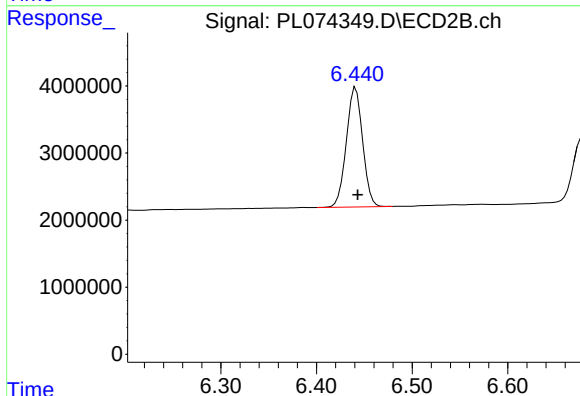
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 3902285
Conc: 9.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

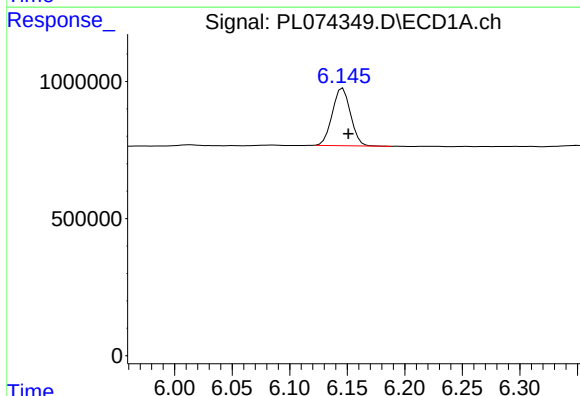
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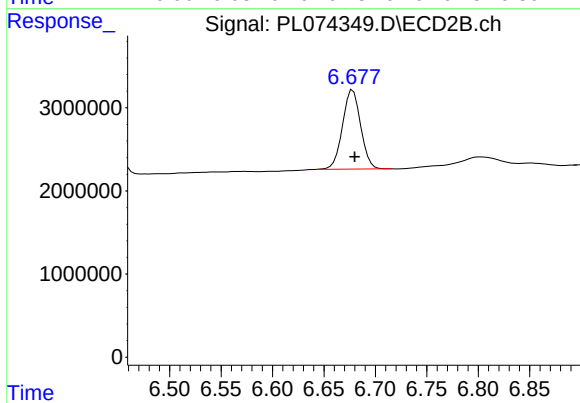
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 21218746
Conc: 8.96 ng/ml



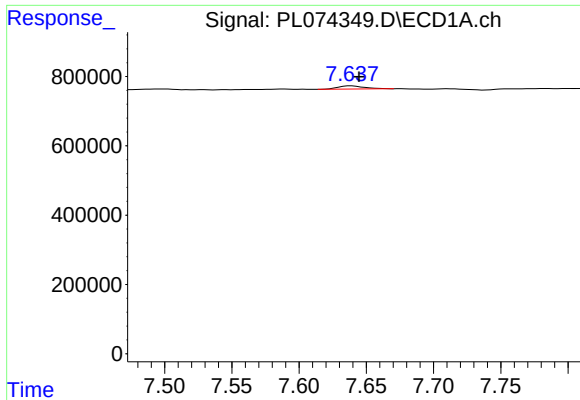
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 2306728
Conc: 11.29 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 11735714
Conc: 10.41 ng/ml



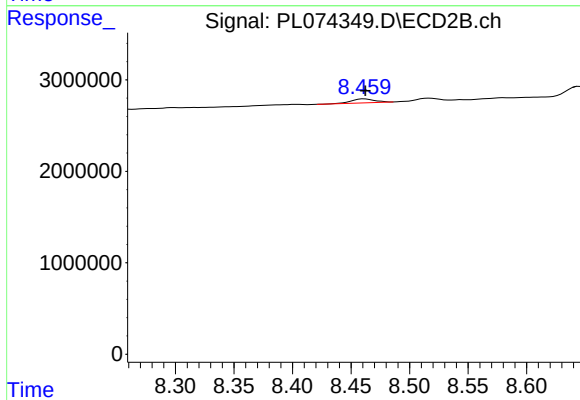
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 122824
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

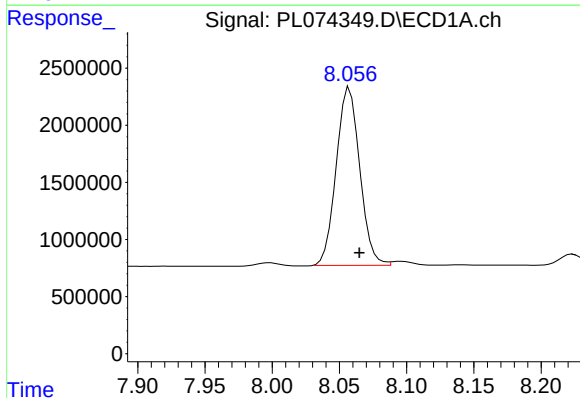
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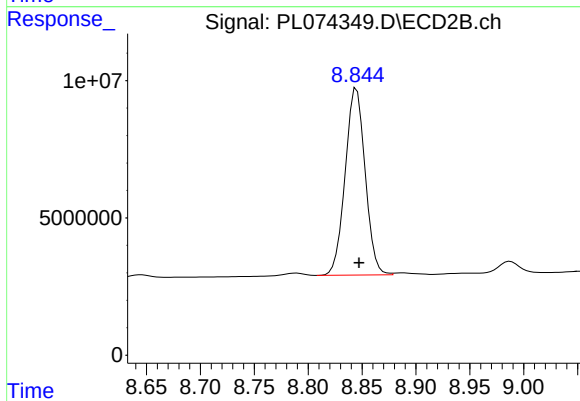
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 591110
Conc: 0.30 ng/ml



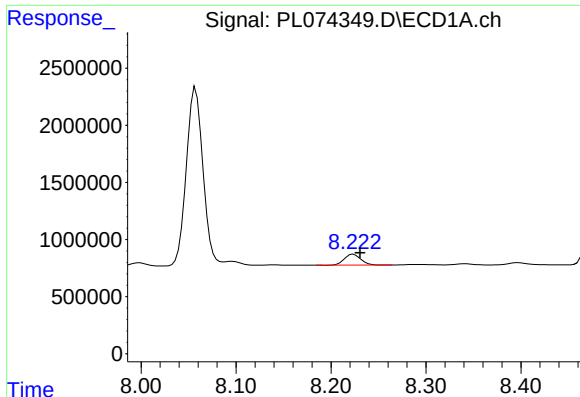
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.007 min
Response: 18907998
Conc: 46.54 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 87821966
Conc: 51.85 ng/ml



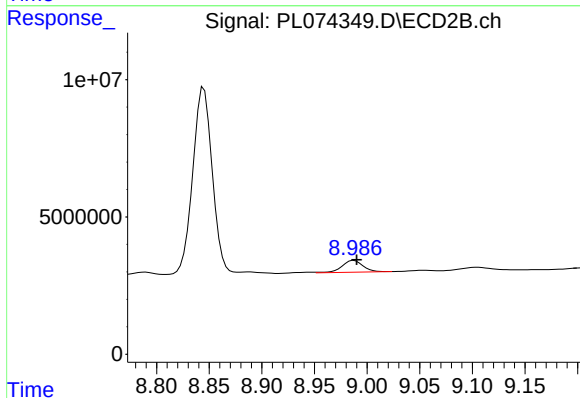
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 1143587
Conc: 3.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

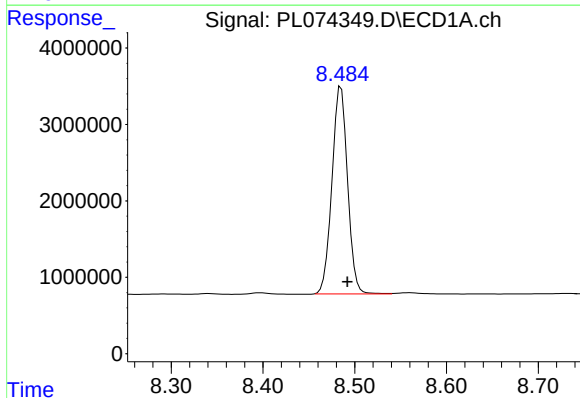
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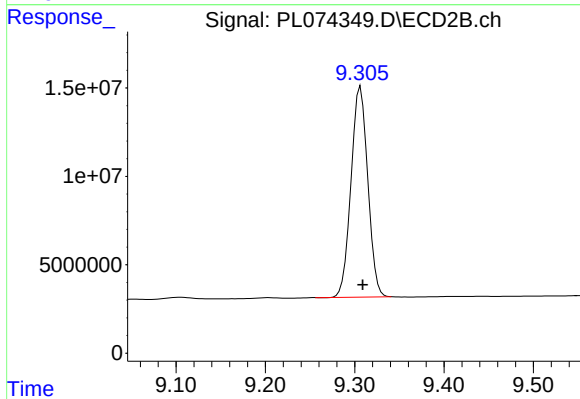
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.003 min
Response: 6026006
Conc: 3.92 ng/ml



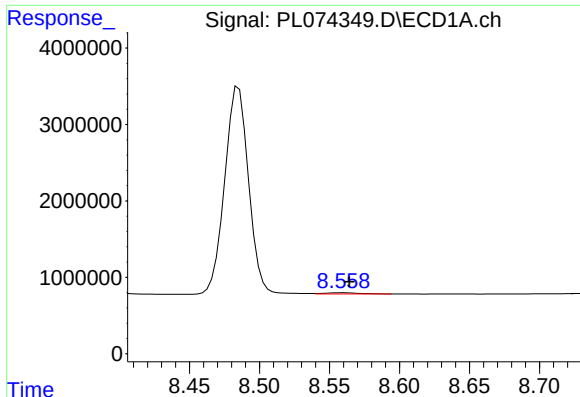
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 32132869
Conc: 86.93 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 155326088
Conc: 87.62 ng/ml



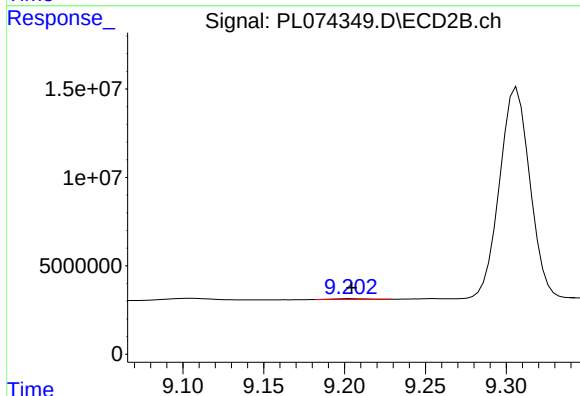
#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.005 min
Response: 249199
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

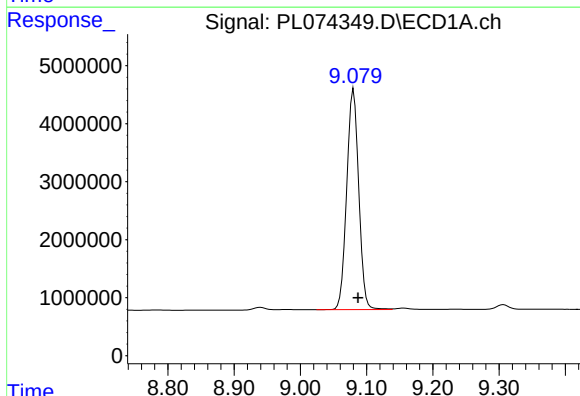
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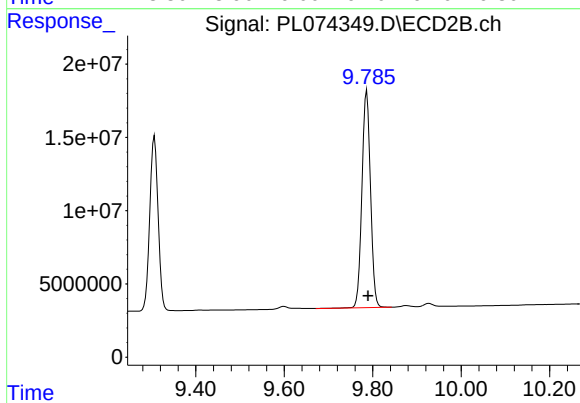
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 567633
Conc: 0.44 ng/ml m



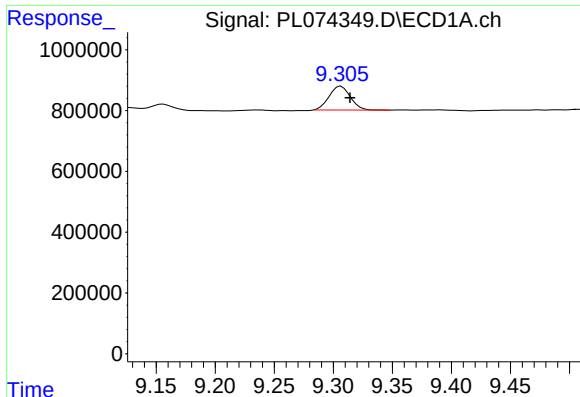
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 47929406
Conc: 193.05 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.003 min
Response: 198816591
Conc: 206.70 ng/ml



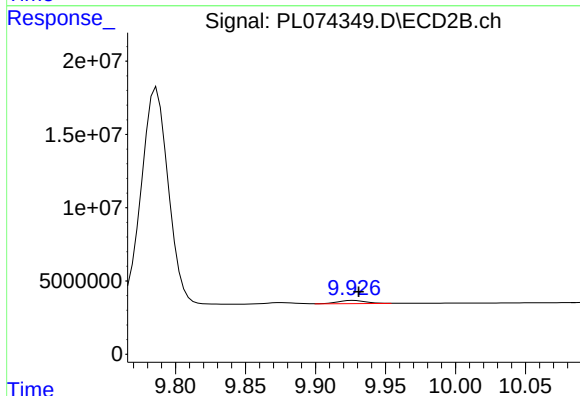
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.008 min
Response: 978135
Conc: 2.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

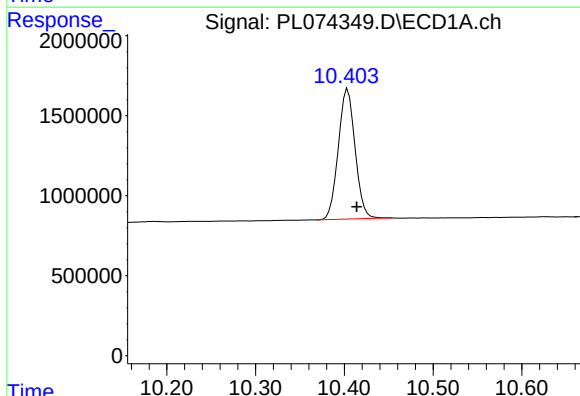
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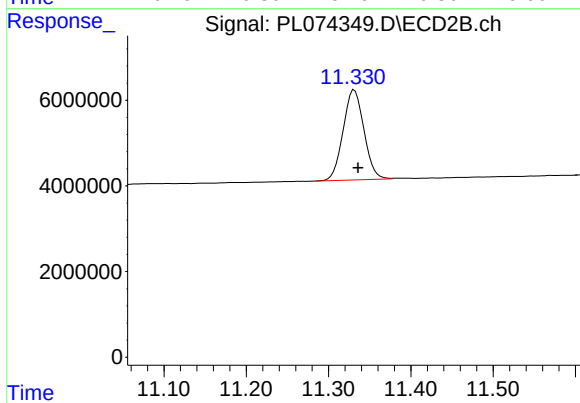
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 3008511
Conc: 1.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 10694698
Conc: 20.57 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 37016645
Conc: 20.96 ng/ml