

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042822\
 Data File : PL074433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2022 02:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/29/2022
 Supervised By :mohammad ahmed 04/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 05:56:36 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...	4.645	5.486	7436304	37802063	23.015	21.202
28)	SA Decachlor...	10.412	11.333	11842297	39931562	22.772	22.607
Target Compounds							
2)	A alpha-BHC	5.352	6.049	4355134	23619699	10.378	9.380
3)	MA gamma-BHC...	5.775	6.439	4405725	22466176	10.505	9.491
6)	B beta-BHC	6.156	6.677	2618035	13929350	12.813	12.359
12)	B 4,4'-DDE	7.646	8.462	173901	774398	0.477	0.389
14)	MA Endrin	8.067	8.846	21676084	90754483	53.359	53.585
16)	A 4,4'-DDD	8.232	8.987	2567166	12143059	7.950	7.892m
17)	MA 4,4'-DDT	8.494	9.307	35501006	149.1E6	96.042	84.121
18)	B Endrin al...	8.568	9.200	439958	1071339	1.360	0.829m#
20)	A Methoxychlor	9.088	9.786	52775958	202.4E6	212.576	210.434m
21)	B Endrin ke...	9.314	9.928	1721305	6212075	3.523	3.589

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

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Acq On : 29 Apr 2022 02:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

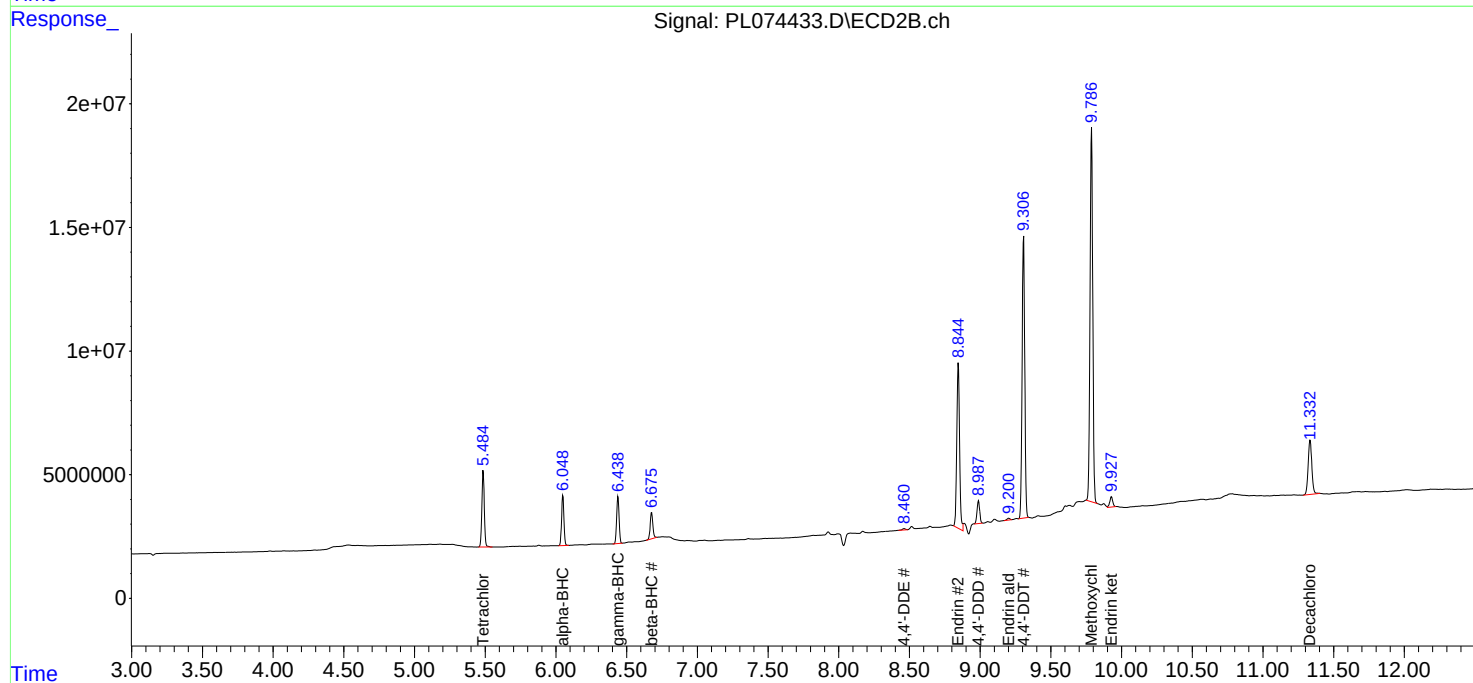
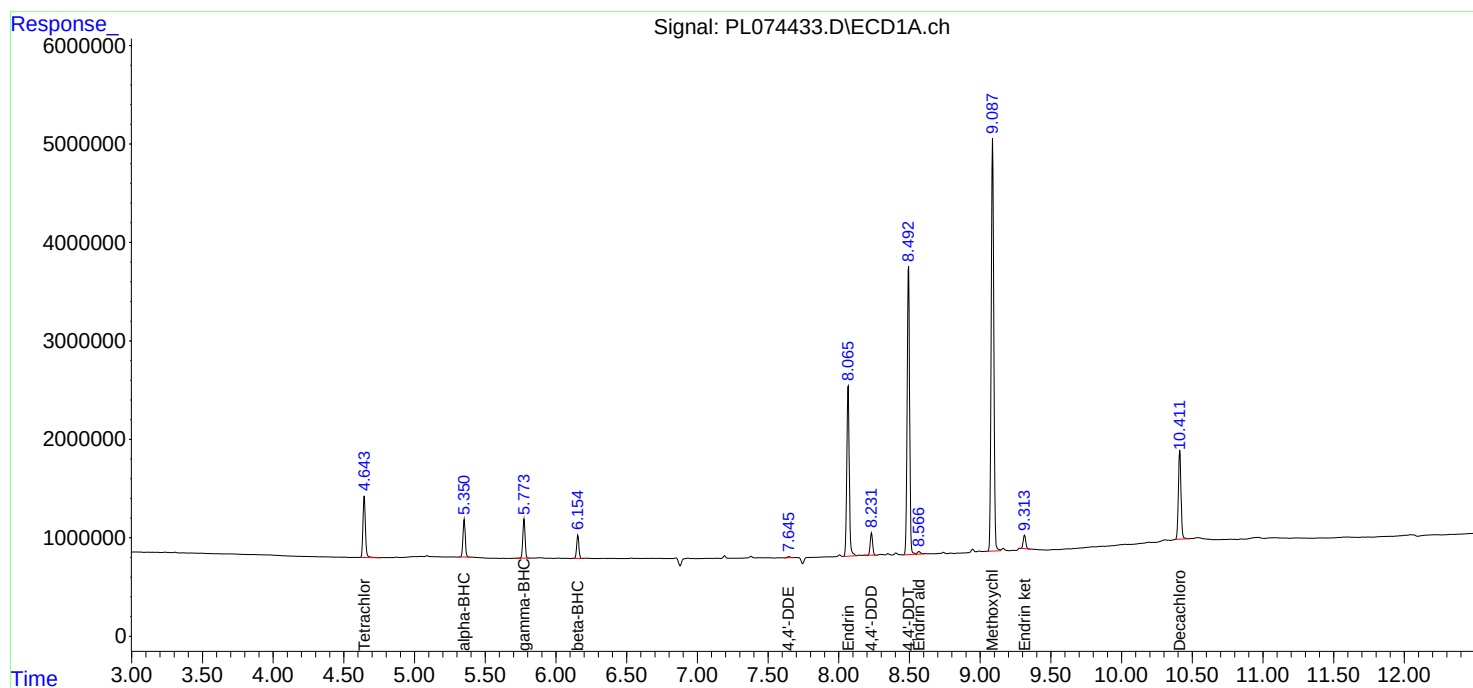
Instrument :
ECD_L
ClientSampleId :
PEM

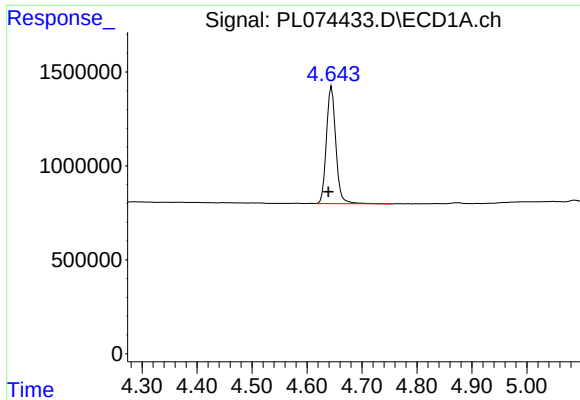
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Integration File signal 1: autoint1.e
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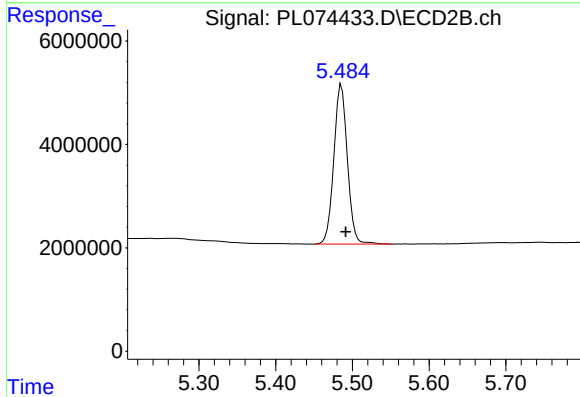
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.006 min
Response: 7436304
Conc: 23.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

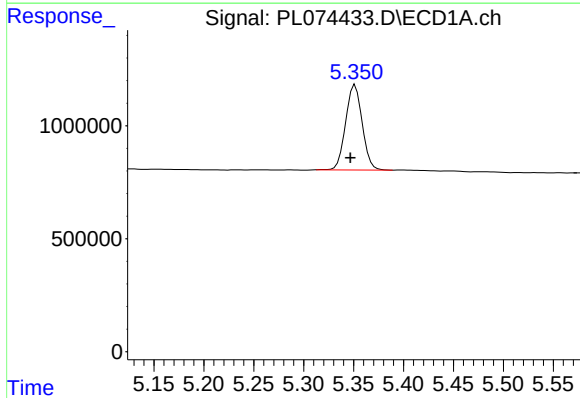
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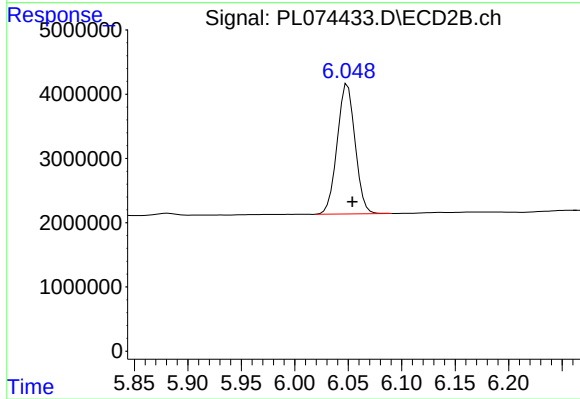
#1 Tetrachloro-m-xylene

R.T.: 5.486 min
Delta R.T.: -0.006 min
Response: 37802063
Conc: 21.20 ng/ml



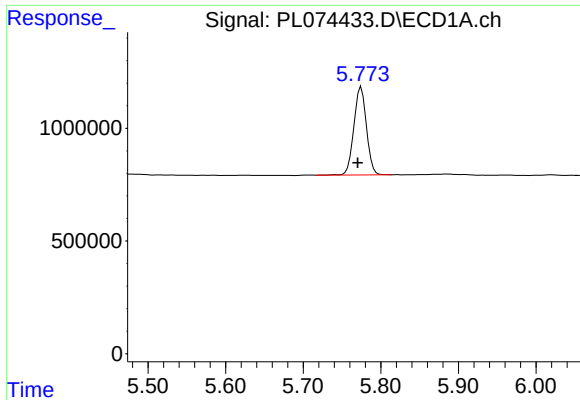
#2 alpha-BHC

R.T.: 5.352 min
Delta R.T.: 0.005 min
Response: 4355134
Conc: 10.38 ng/ml



#2 alpha-BHC

R.T.: 6.049 min
Delta R.T.: -0.005 min
Response: 23619699
Conc: 9.38 ng/ml



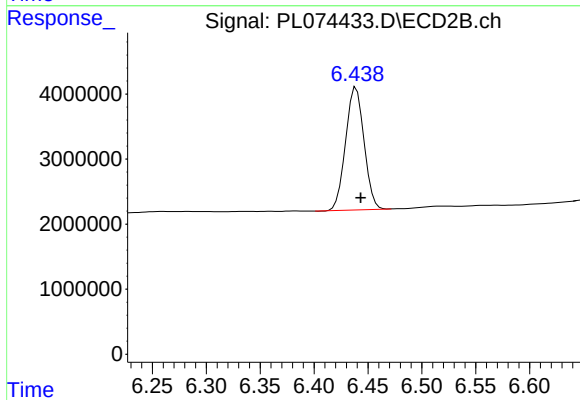
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: 0.005 min
Response: 4405725
Conc: 10.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

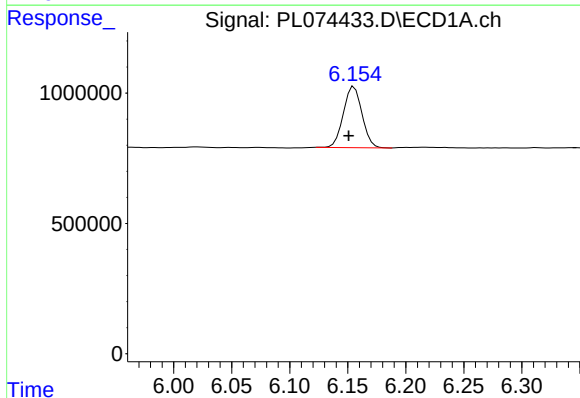
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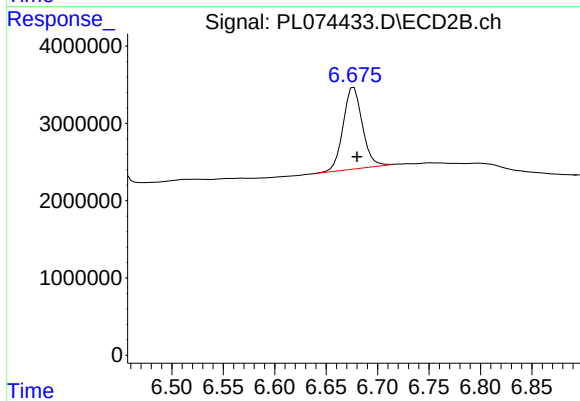
#3 gamma-BHC (Lindane)

R.T.: 6.439 min
Delta R.T.: -0.004 min
Response: 22466176
Conc: 9.49 ng/ml



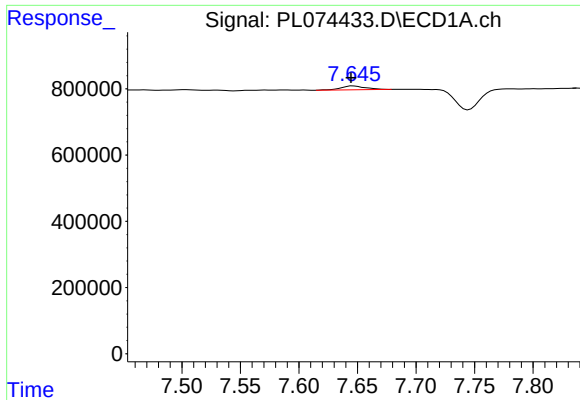
#6 beta-BHC

R.T.: 6.156 min
Delta R.T.: 0.005 min
Response: 2618035
Conc: 12.81 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 13929350
Conc: 12.36 ng/ml



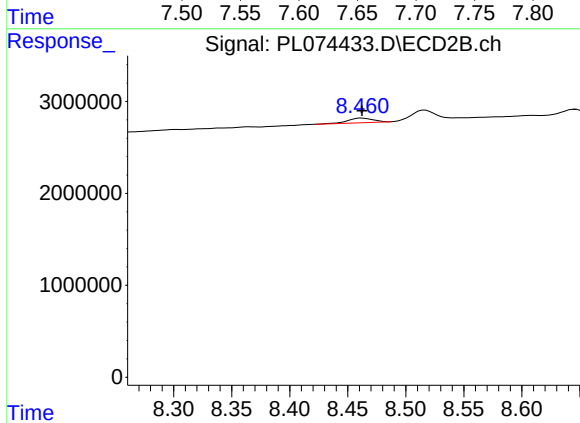
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 173901
Conc: 0.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

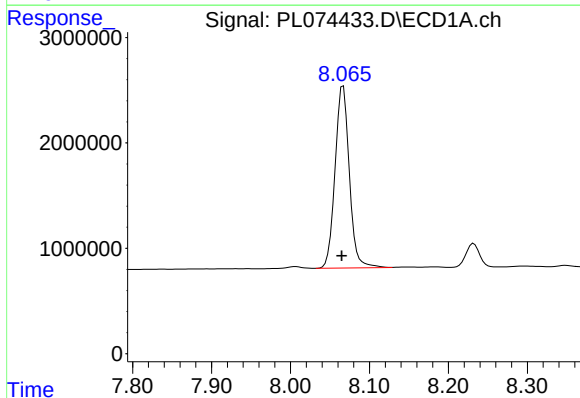
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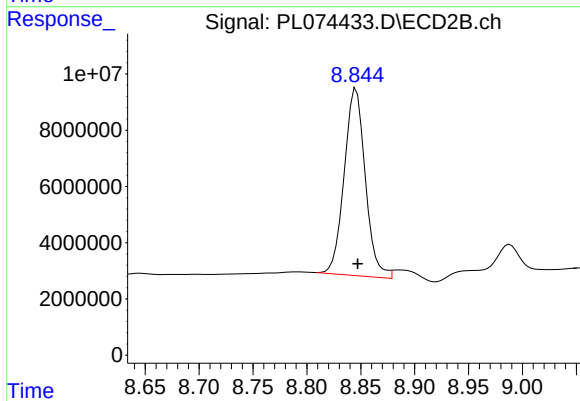
#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 774398
Conc: 0.39 ng/ml



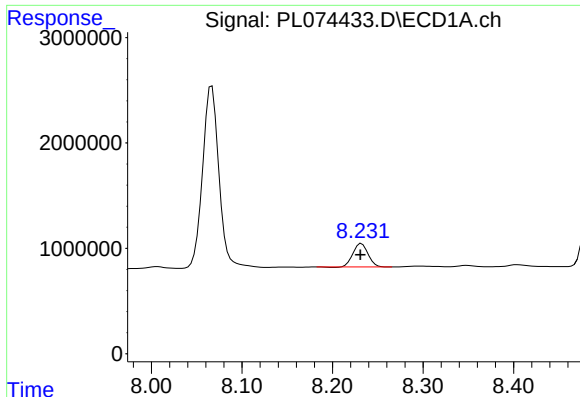
#14 Endrin

R.T.: 8.067 min
Delta R.T.: 0.002 min
Response: 21676084
Conc: 53.36 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 90754483
Conc: 53.58 ng/ml



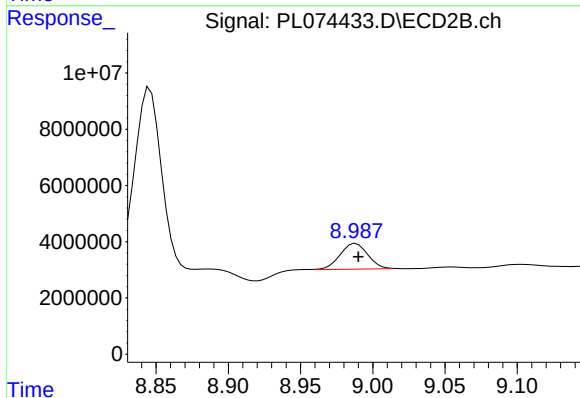
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: 0.001 min
Response: 2567166
Conc: 7.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

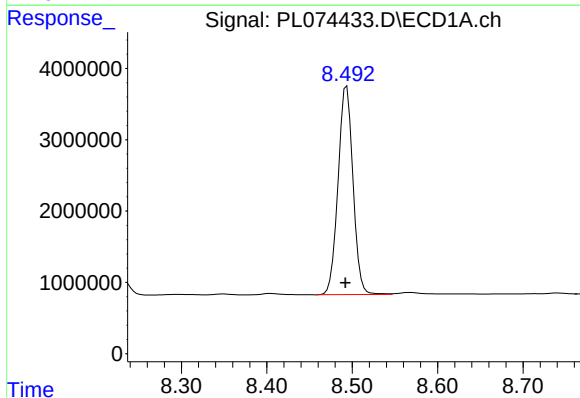
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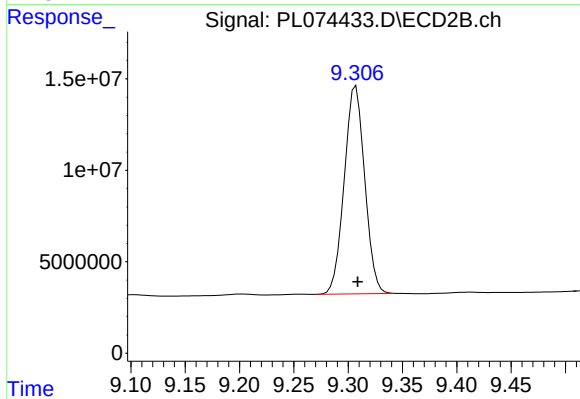
#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 12143059
Conc: 7.89 ng/ml m



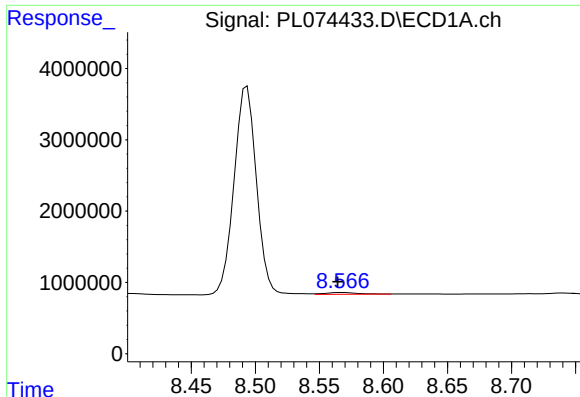
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: 0.001 min
Response: 35501006
Conc: 96.04 ng/ml



#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 149119157
Conc: 84.12 ng/ml



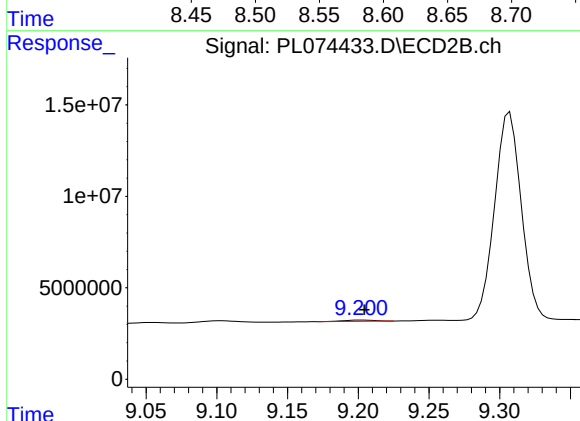
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: 0.003 min
Response: 439958
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

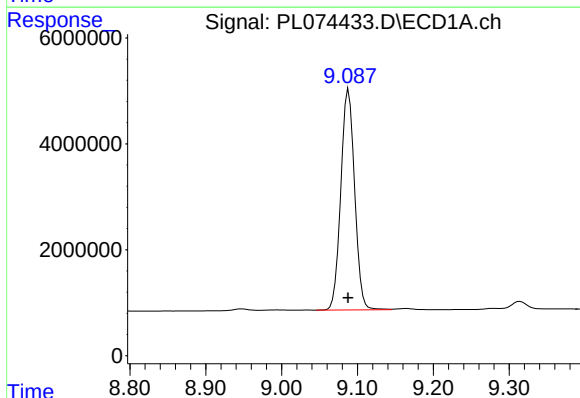
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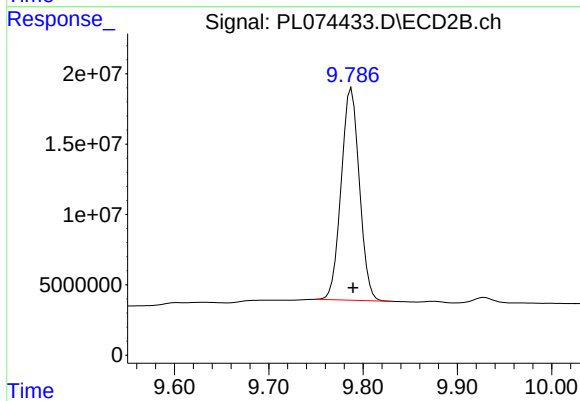
#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 1071339
Conc: 0.83 ng/ml m



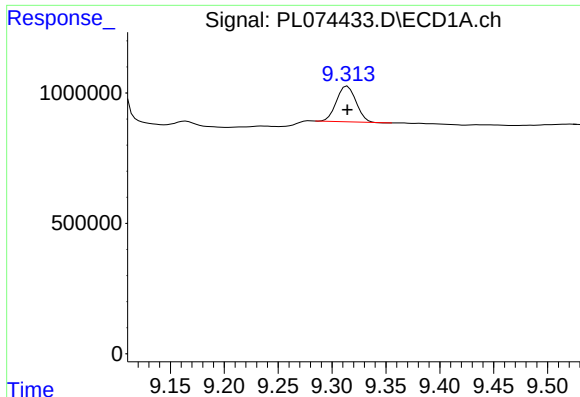
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 52775958
Conc: 212.58 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 202405604
Conc: 210.43 ng/ml m



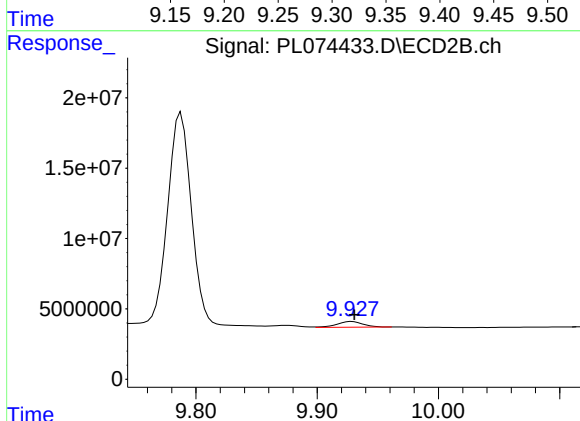
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 1721305
Conc: 3.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

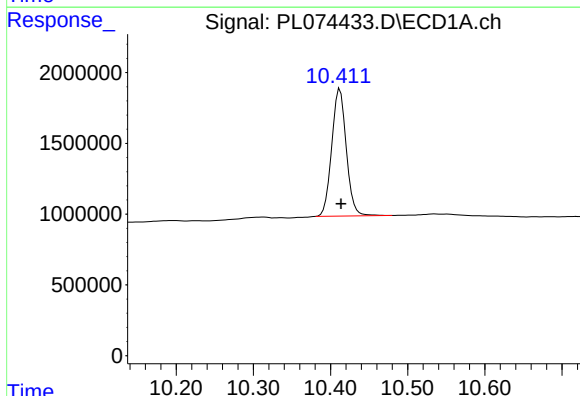
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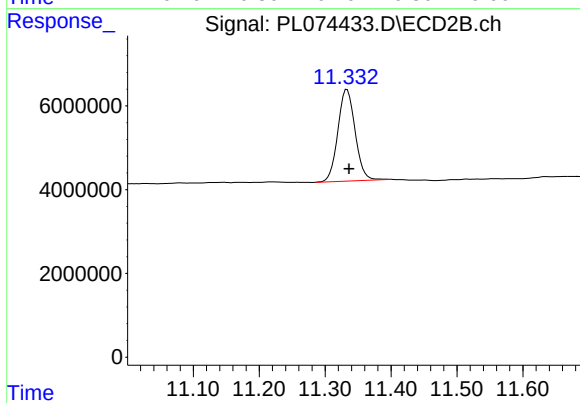
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 6212075
Conc: 3.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 11842297
Conc: 22.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 39931562
Conc: 22.61 ng/ml