

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074216.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2022 19:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2022
 Supervised By : mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 02:55:26 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...	4.636	5.488	6813888	37666518	21.088	21.126
28)	SA Decachlor...	10.406	11.330	10571772	39272433	20.329m	22.234
Target Compounds							
2)	A alpha-BHC	5.343	6.051	4178534	24289767	9.957	9.646
3)	MA gamma-BHC...	5.766	6.440	4238515	23631785	10.106	9.983
6)	B beta-BHC	6.148	6.677	2230693	12695673	10.917	11.265
12)	B 4,4'-DDE	7.641	8.461	146474	588918	0.401	0.296 #
14)	MA Endrin	8.060	8.844	21313050	95127859	52.465	56.167
16)	A 4,4'-DDD	8.227	8.987	484429	916421	1.500	0.596m#
17)	MA 4,4'-DDT	8.488	9.305	41462773	182.0E6	112.171	102.677
18)	B Endrin al...	8.564	9.201	165638	307762	0.512m	0.238m#
20)	A Methoxychlor	9.083	9.784	58857958	224.8E6	237.074	233.705m
21)	B Endrin ke...	9.309	9.928	451313	1109072	0.924	0.641 #

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

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ALS Vial : 3 Sample Multiplier: 1

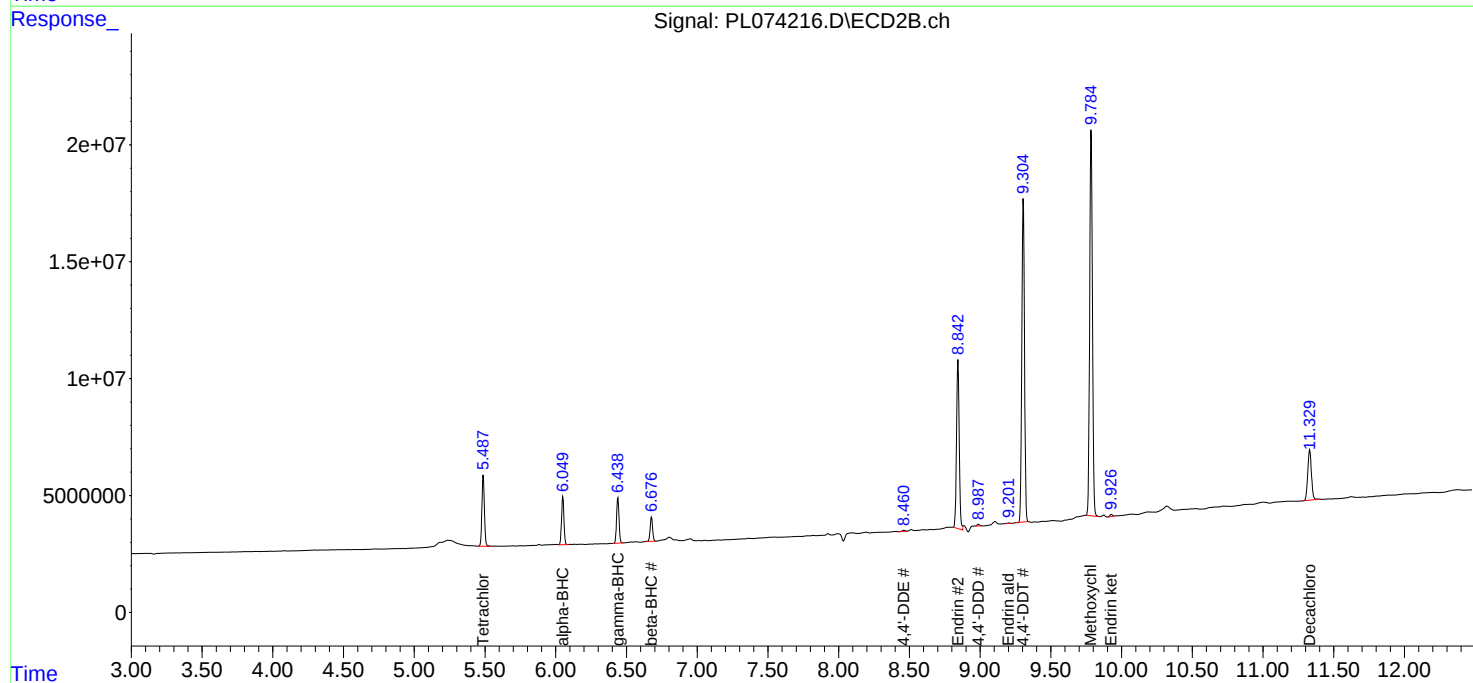
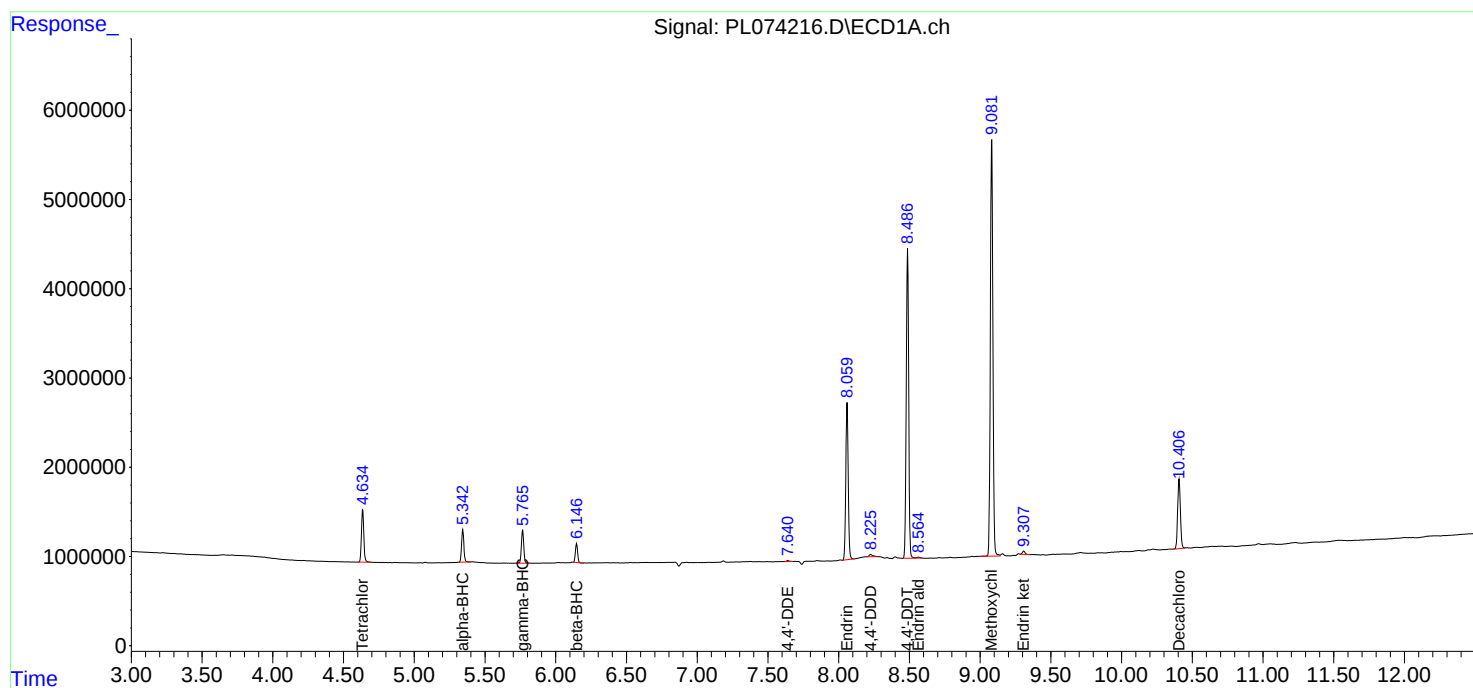
Instrument :
ECD_L
ClientSampleId :
PEM

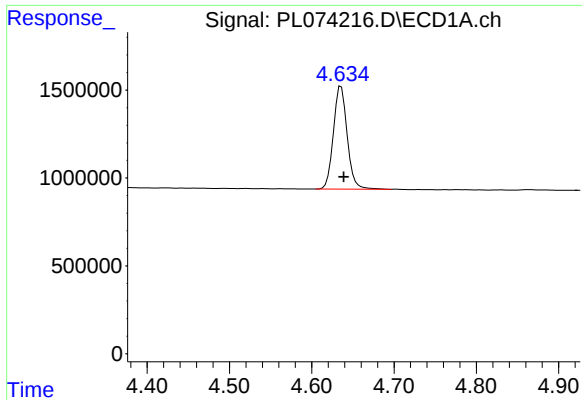
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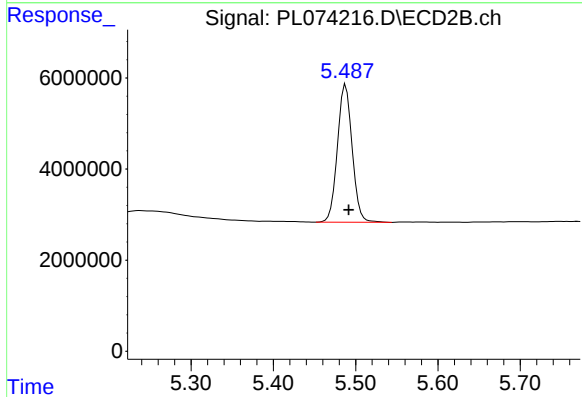
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 6813888
Conc: 21.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

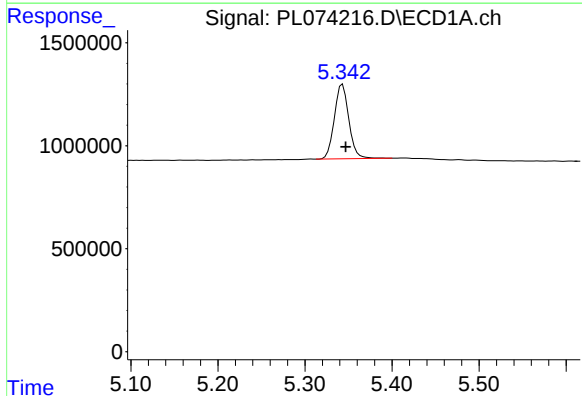
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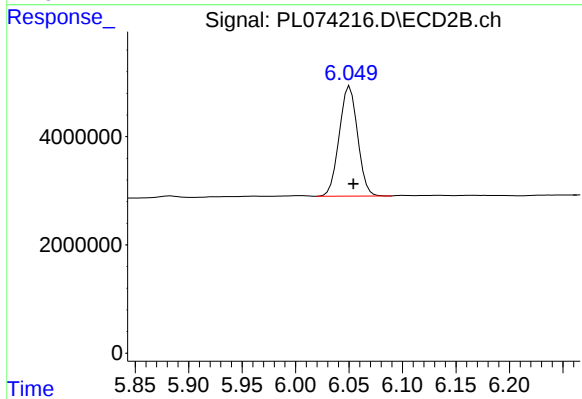
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 37666518
Conc: 21.13 ng/ml



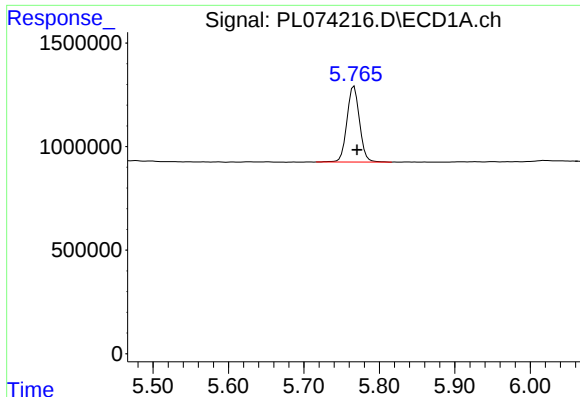
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 4178534
Conc: 9.96 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 24289767
Conc: 9.65 ng/ml



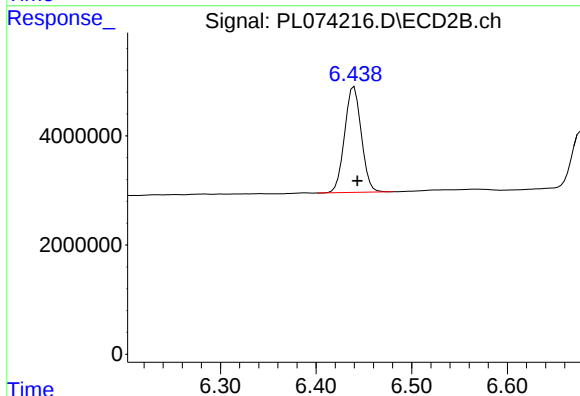
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 4238515
Conc: 10.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

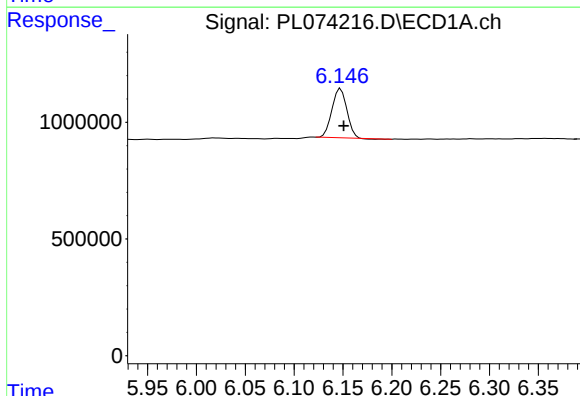
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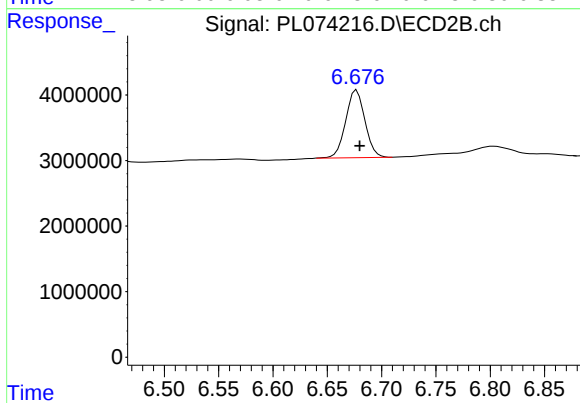
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 23631785
Conc: 9.98 ng/ml



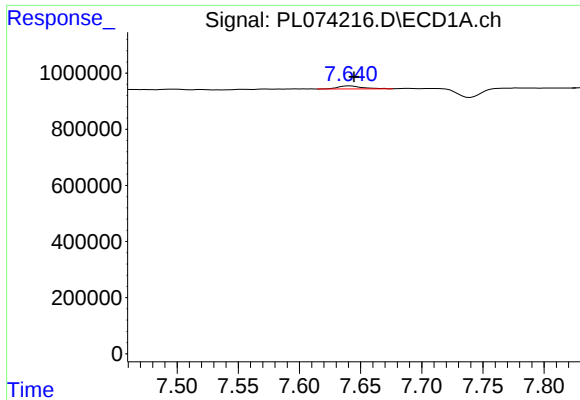
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 2230693
Conc: 10.92 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 12695673
Conc: 11.26 ng/ml



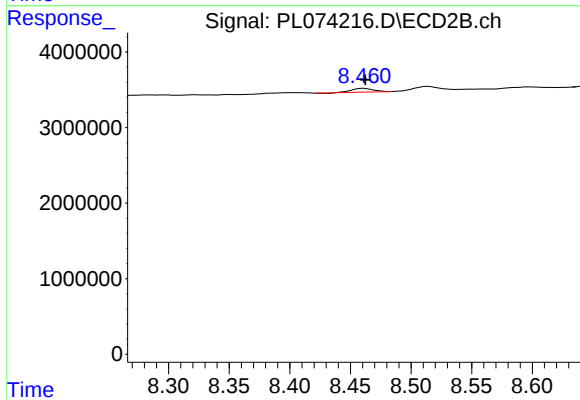
#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 146474
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

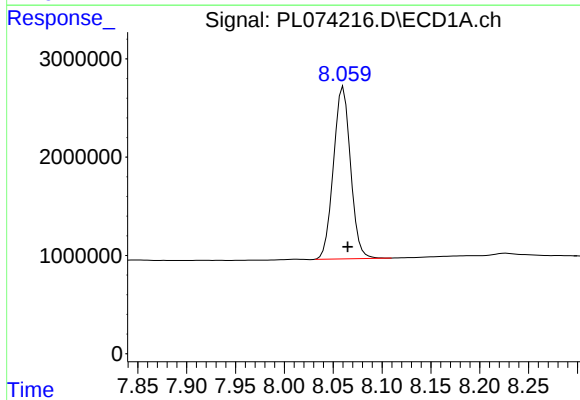
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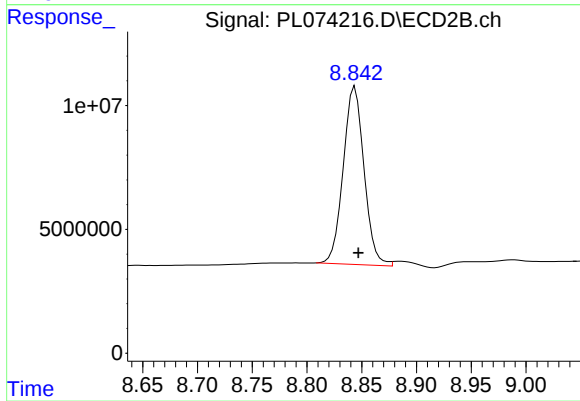
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 588918
Conc: 0.30 ng/ml



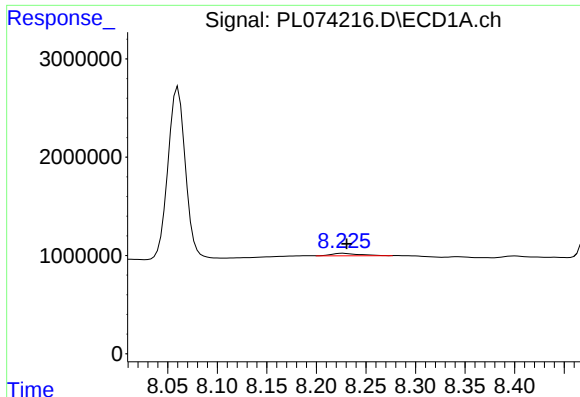
#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 21313050
Conc: 52.46 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 95127859
Conc: 56.17 ng/ml



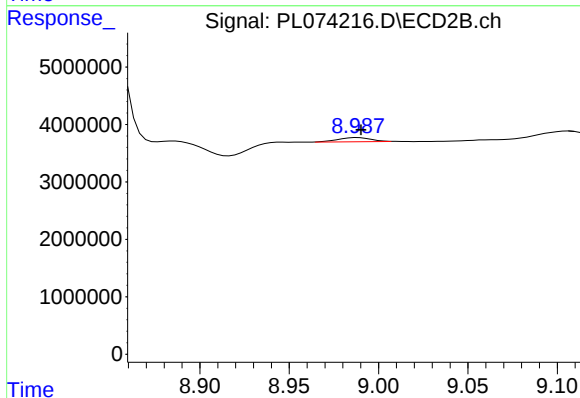
#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.004 min
Response: 484429
Conc: 1.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

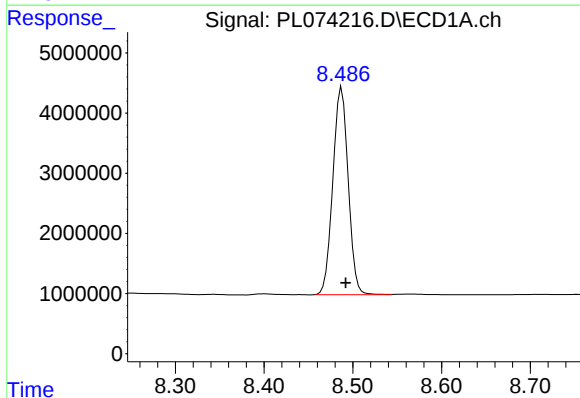
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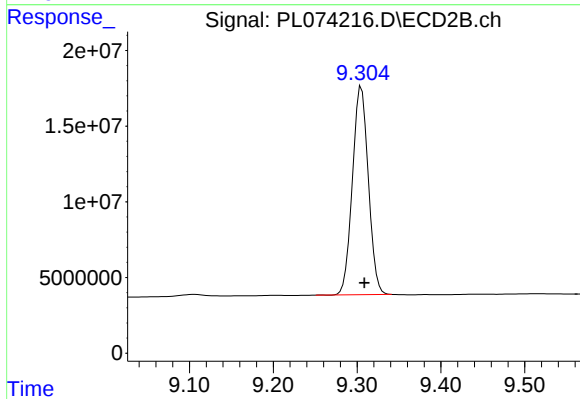
#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 916421
Conc: 0.60 ng/ml m



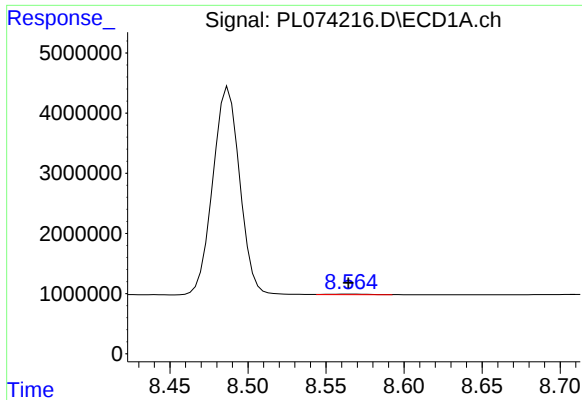
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.004 min
Response: 41462773
Conc: 112.17 ng/ml



#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 182011486
Conc: 102.68 ng/ml



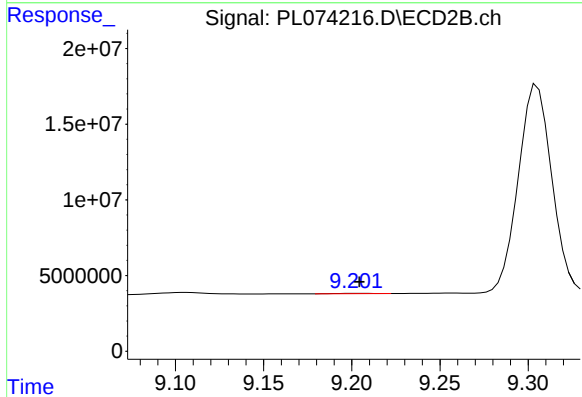
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 165638
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

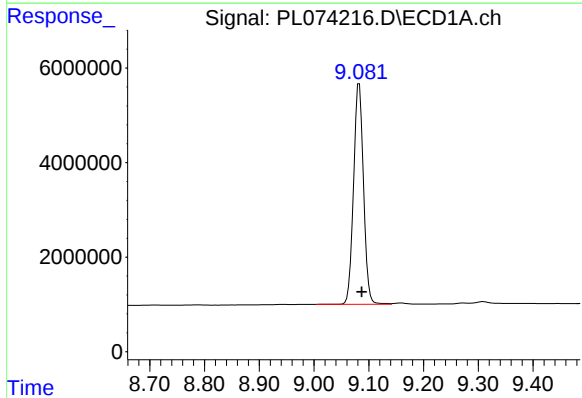
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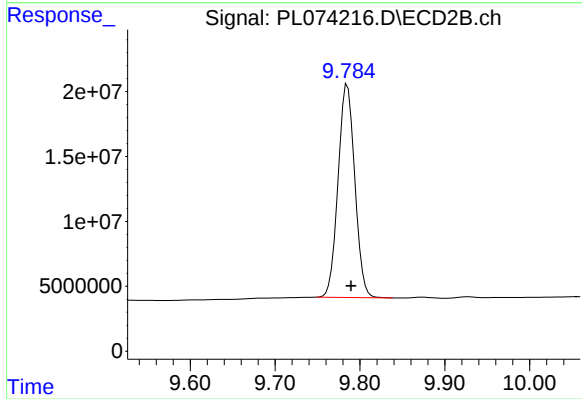
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 307762
Conc: 0.24 ng/ml m



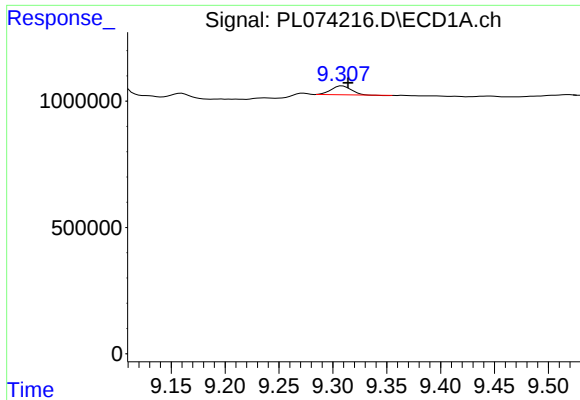
#20 Methoxychlor

R.T.: 9.083 min
Delta R.T.: -0.005 min
Response: 58857958
Conc: 237.07 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: -0.006 min
Response: 224788037
Conc: 233.70 ng/ml m



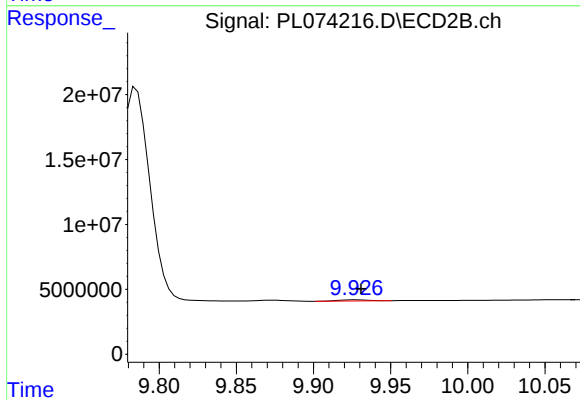
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.006 min
Response: 451313
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

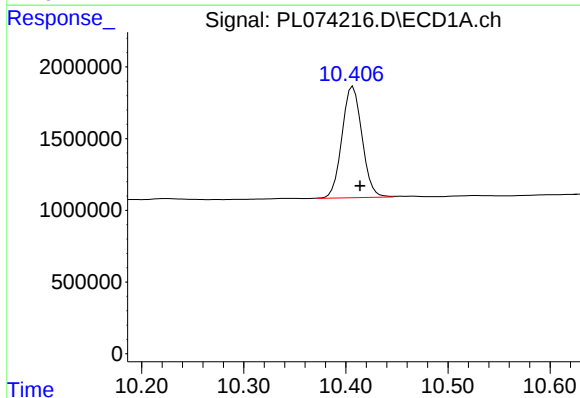
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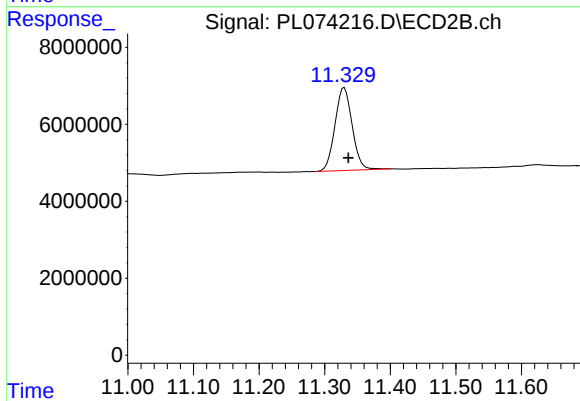
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 1109072
Conc: 0.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.008 min
Response: 10571772
Conc: 20.33 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 39272433
Conc: 22.23 ng/ml