

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 11:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/24/2022
 Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 16:58:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.641	5.491	6688933	35023750	20.884	21.340
28)	SA Decachlor...	10.414	11.331	11447103	36152679	22.512	20.218
Target Compounds							
2)	A alpha-BHC	5.349	6.053	4034193	21317423	9.787	9.476
3)	MA gamma-BHC...	5.772	6.443	4157319	20738357	9.966	9.713
6)	B beta-BHC	6.153	6.679	2465397	12140564	11.974	11.647
12)	B 4,4'-DDE	7.646	8.459	78562	282906	0.219m	0.158m#
14)	MA Endrin	8.067	8.845	21228024	80239849	54.711	52.124
16)	A 4,4'-DDD	8.232	8.983	88183	278160	0.272m	0.191m#
17)	MA 4,4'-DDT	8.494	9.306	40669627	163.7E6	107.540	100.160
18)	B Endrin al...	8.574	9.200	143395	186197	0.453m	0.152m#
20)	A Methoxychlor	9.090	9.786	61368261	215.0E6	239.220	238.575
21)	B Endrin ke...	9.312	9.927	307200	679500	0.628m	0.412 #

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

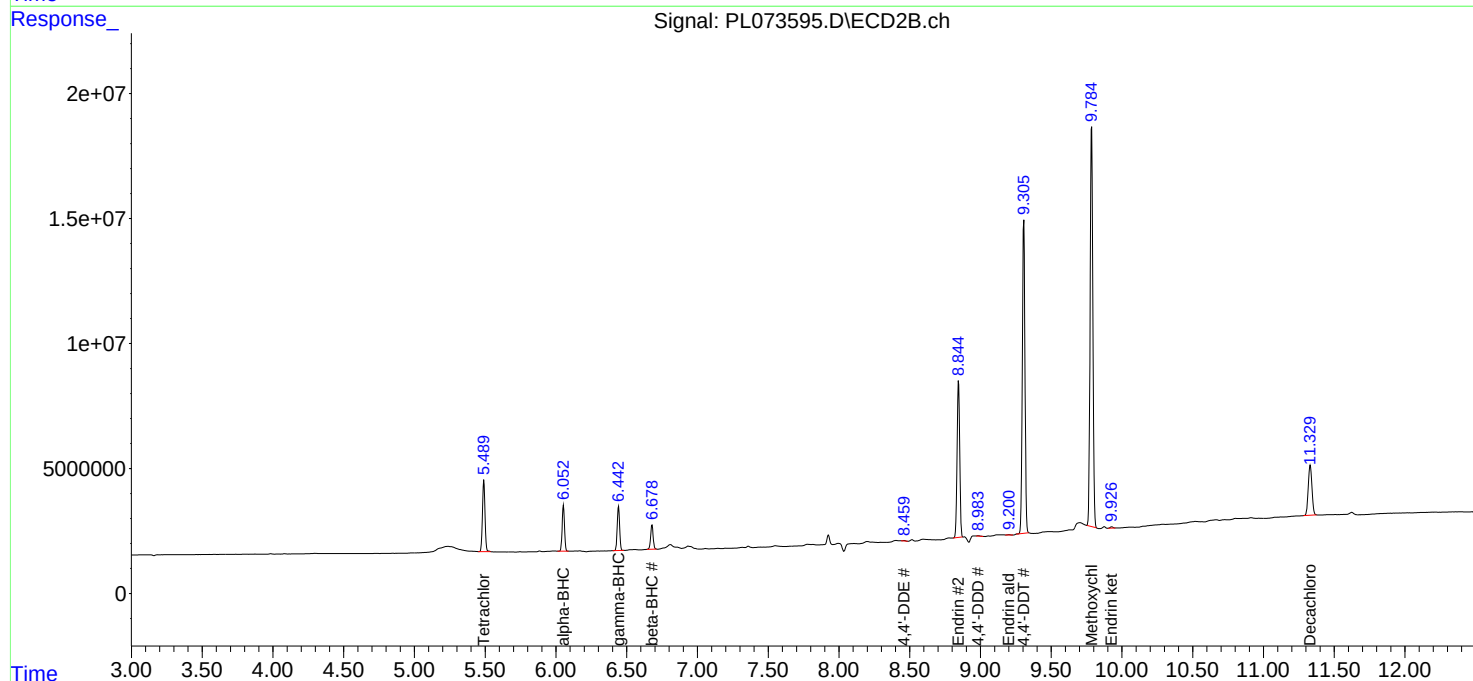
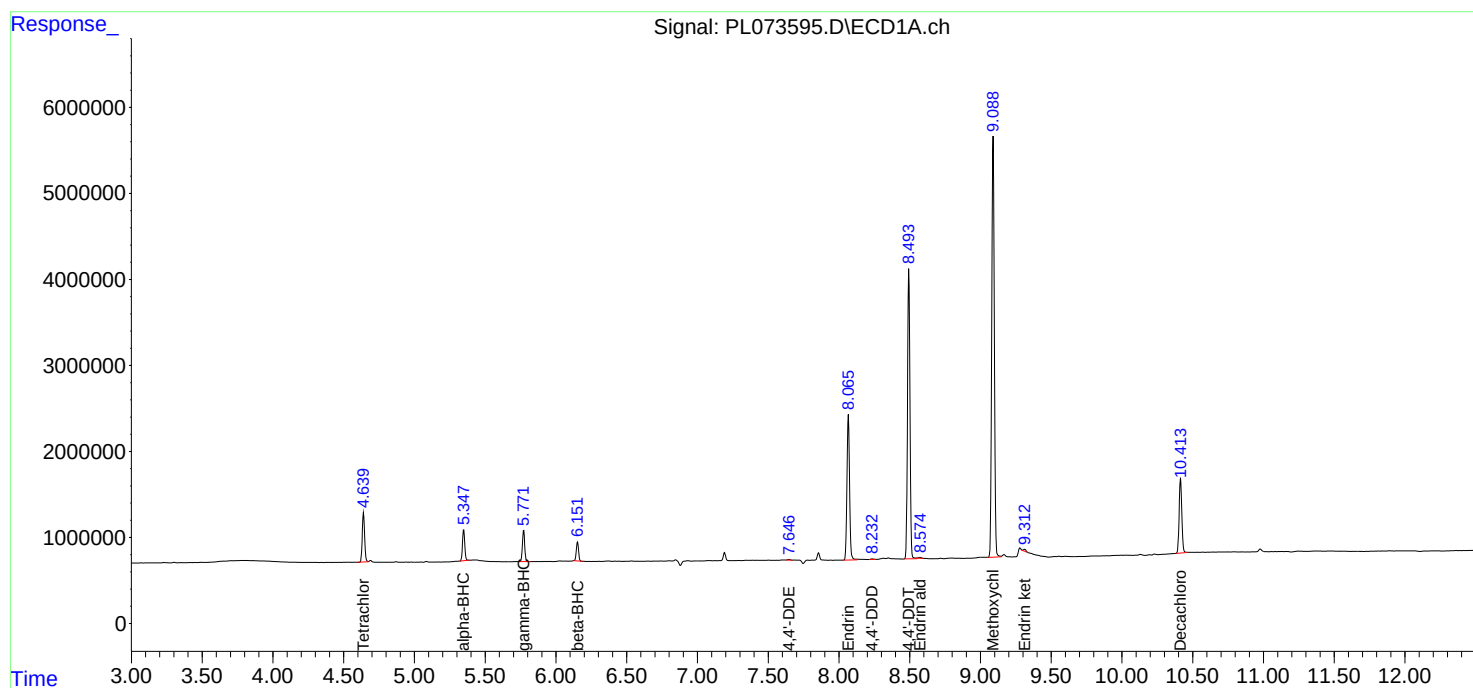
Instrument :
ECD_L
ClientSampleId :
PEM

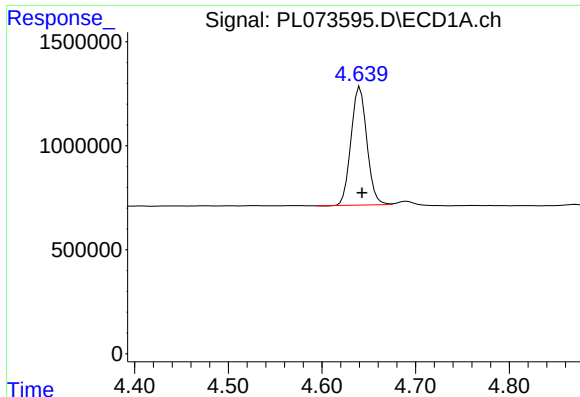
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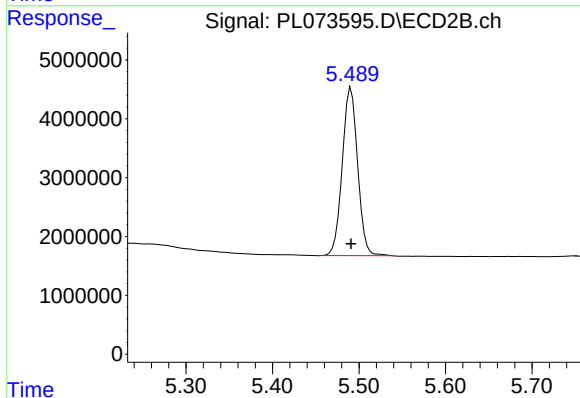
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6688933
Conc: 20.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

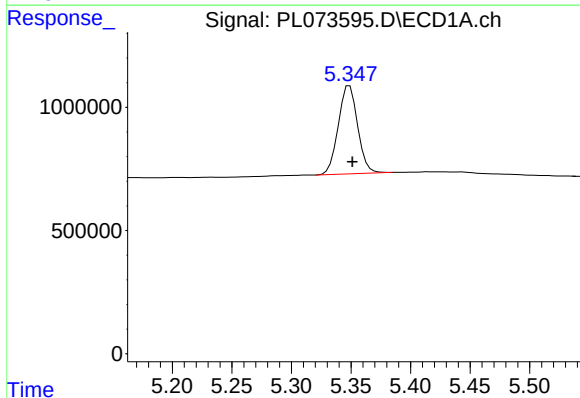
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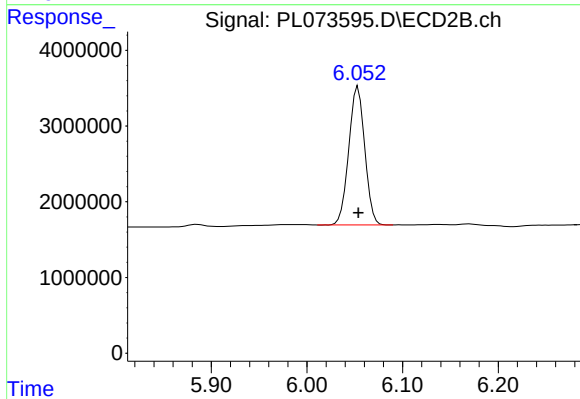
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 35023750
Conc: 21.34 ng/ml



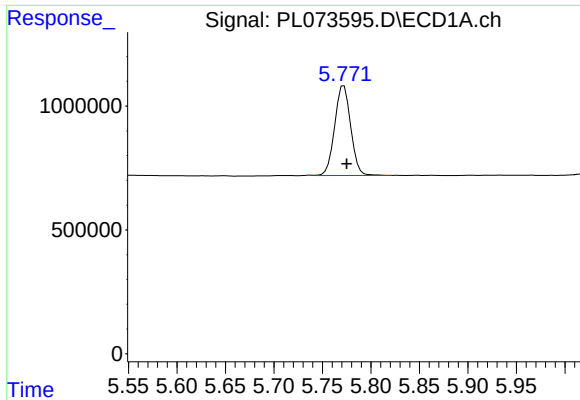
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 4034193
Conc: 9.79 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 21317423
Conc: 9.48 ng/ml



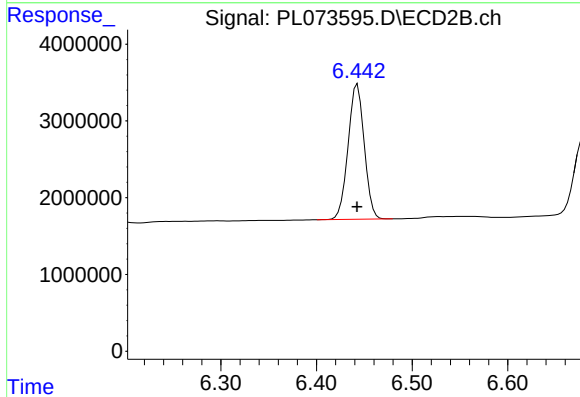
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 4157319
Conc: 9.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

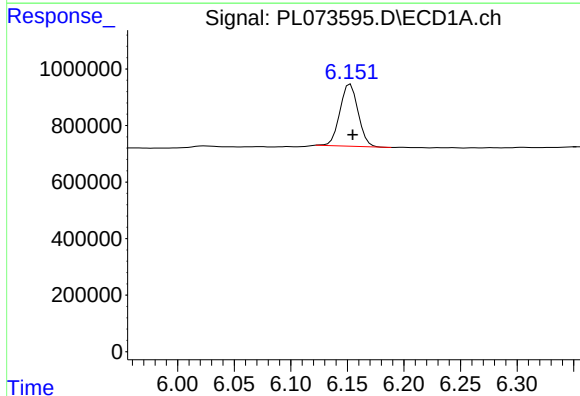
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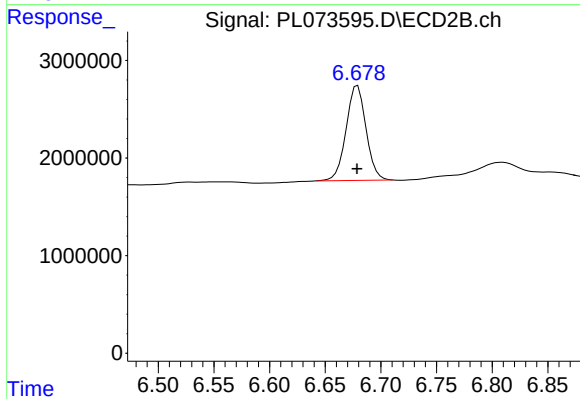
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 20738357
Conc: 9.71 ng/ml



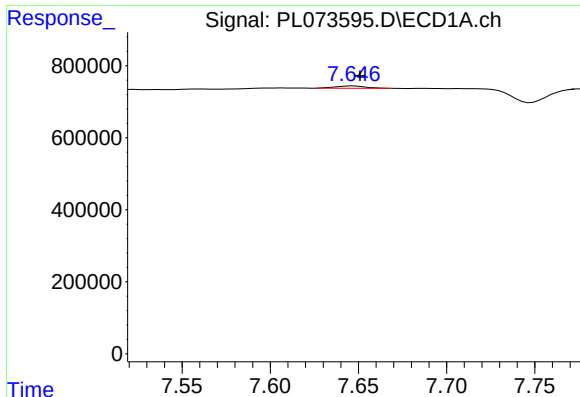
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 2465397
Conc: 11.97 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 12140564
Conc: 11.65 ng/ml



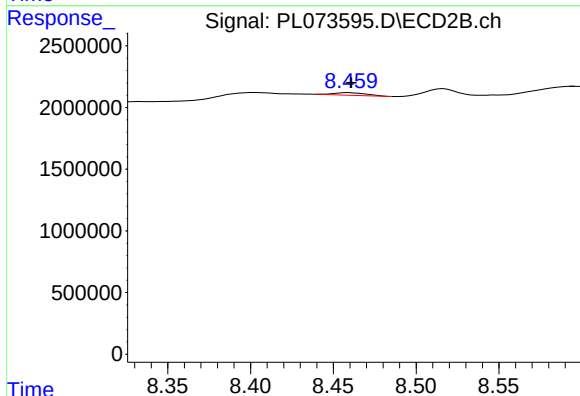
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 78562
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

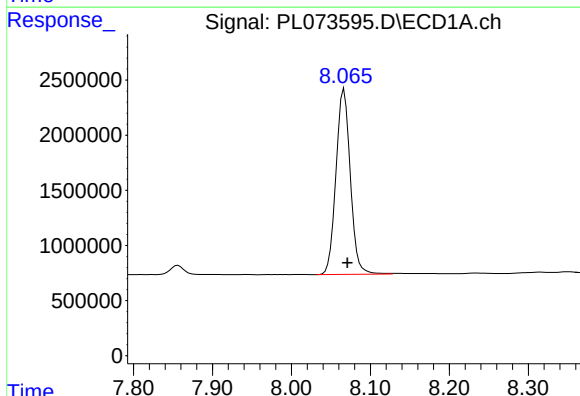
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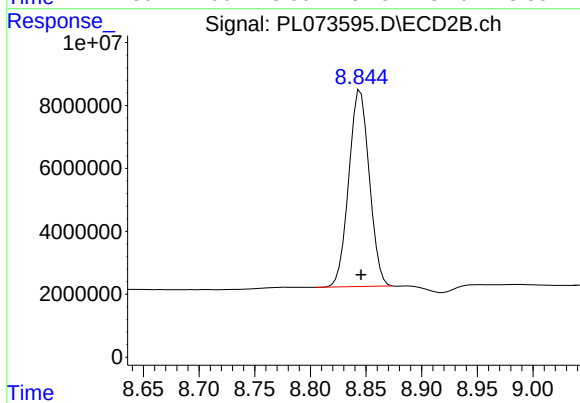
#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.002 min
Response: 282906
Conc: 0.16 ng/ml m



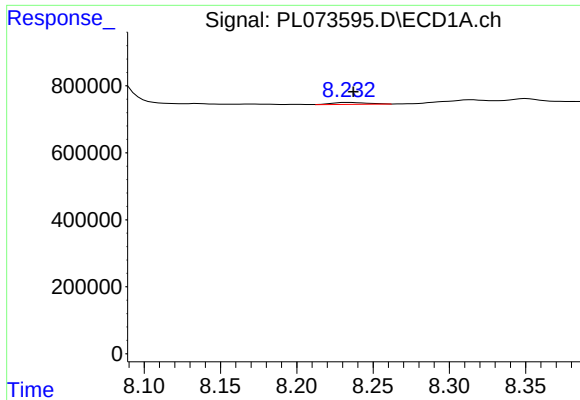
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 21228024
Conc: 54.71 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 80239849
Conc: 52.12 ng/ml



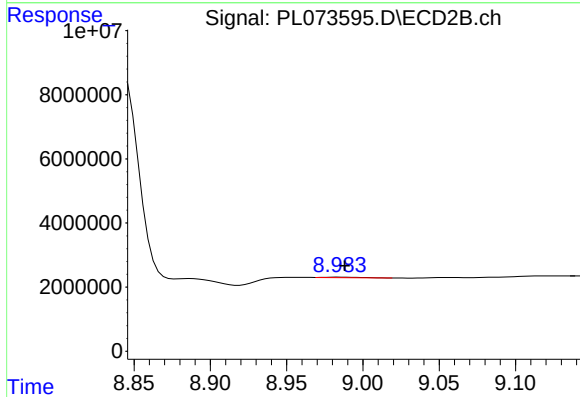
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 88183
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

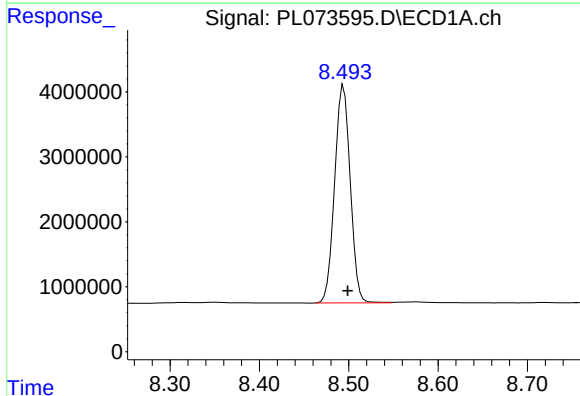
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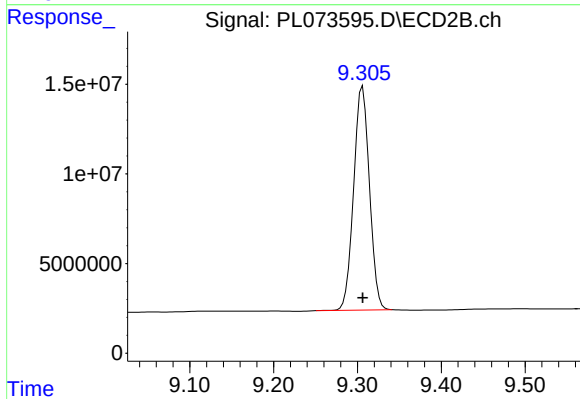
#16 4,4'-DDD

R.T.: 8.983 min
Delta R.T.: -0.005 min
Response: 278160
Conc: 0.19 ng/ml m



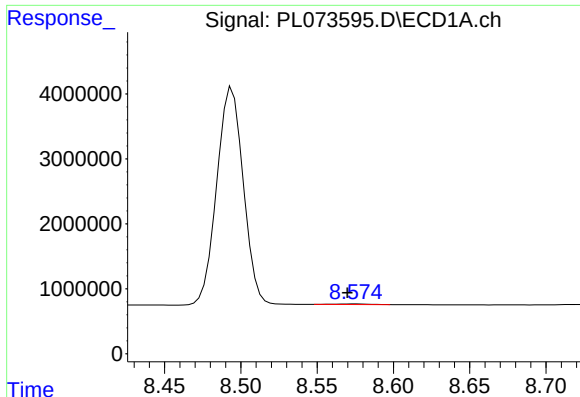
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.004 min
Response: 40669627
Conc: 107.54 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 163714681
Conc: 100.16 ng/ml



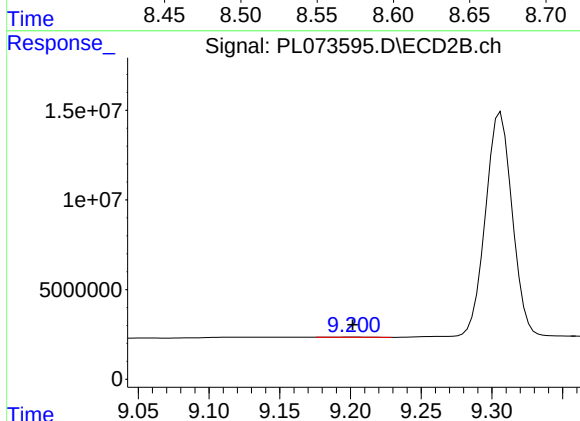
#18 Endrin aldehyde

R.T.: 8.574 min
Delta R.T.: 0.004 min
Response: 143395
Conc: 0.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

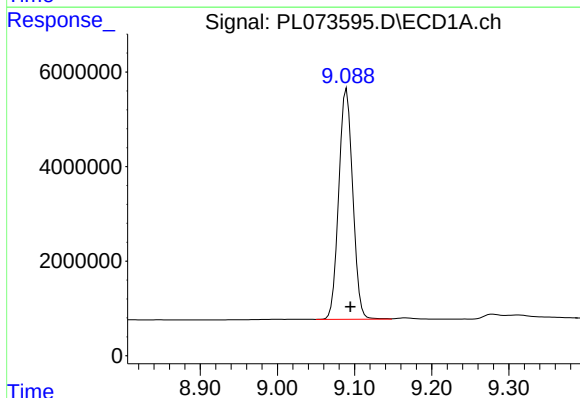
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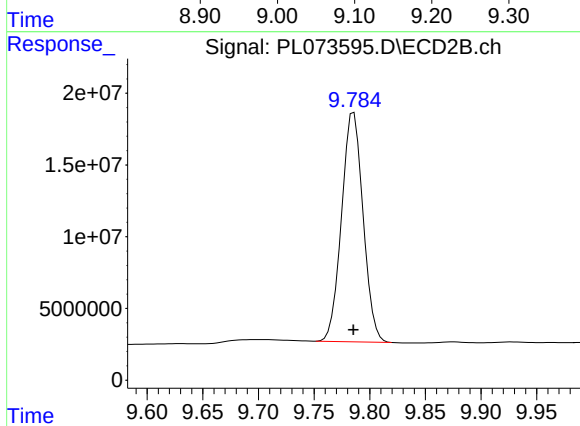
#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.001 min
Response: 186197
Conc: 0.15 ng/ml m



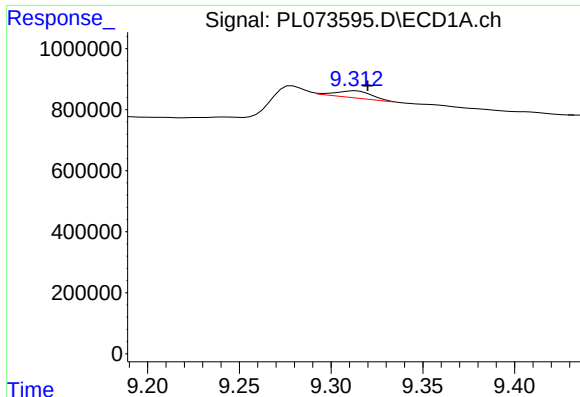
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.005 min
Response: 61368261
Conc: 239.22 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 214973796
Conc: 238.57 ng/ml



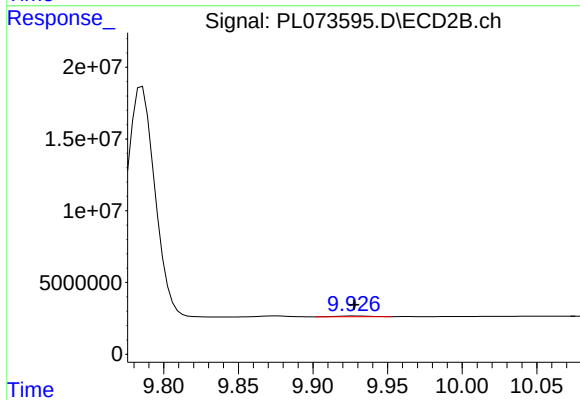
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.008 min
Response: 307200
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

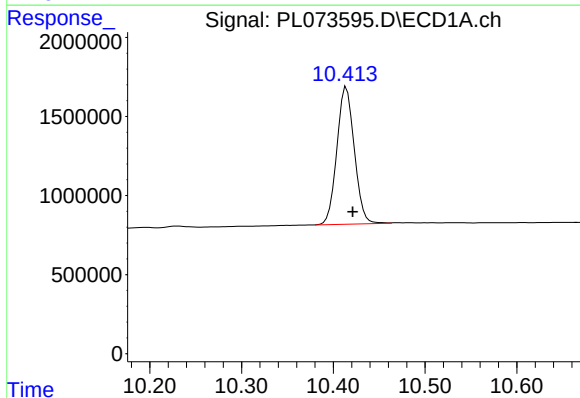
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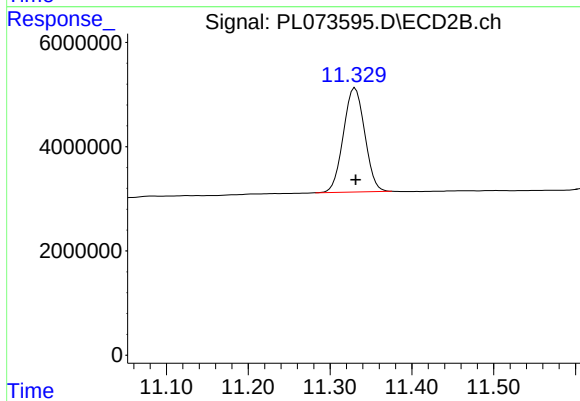
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 679500
Conc: 0.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.007 min
Response: 11447103
Conc: 22.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 36152679
Conc: 20.22 ng/ml