

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052722\
 Data File : PL075138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2022 21:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/31/2022
 Supervised By : Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 02:50:13 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	4.644	12478590	35413825	24.577	25.802
28)	SA Decachlor...	11.640	10.391	11123305	24560101	24.908	23.928m
Target Compounds							
2)	A alpha-BHC	6.227	5.345	7817408	22030142	11.427	13.091m
3)	MA gamma-BHC...	6.625	5.765	7455346	21732147	11.550	13.152m
6)	B beta-BHC	6.877	6.144	3742219	11132740	12.539	14.022
12)	B 4,4'-DDE	8.659	7.631	100641	339042	0.217m	0.288 #
14)	MA Endrin	9.062	8.052	25695103	73233755	62.267	69.330
16)	A 4,4'-DDD	9.202	8.215	3688230	9868642	8.158	10.018
17)	MA 4,4'-DDT	9.521	8.475	45245686	121.3E6	98.439	121.197m
18)	B Endrin al...	9.431	8.552	198332	546980	0.560m	0.685
20)	A Methoxychlor	10.006	9.069	64841849	163.0E6	264.755m	278.847m
21)	B Endrin ke...	10.172	9.298	1557049	3064729	3.036	2.749

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

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Acq On : 27 May 2022 21:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

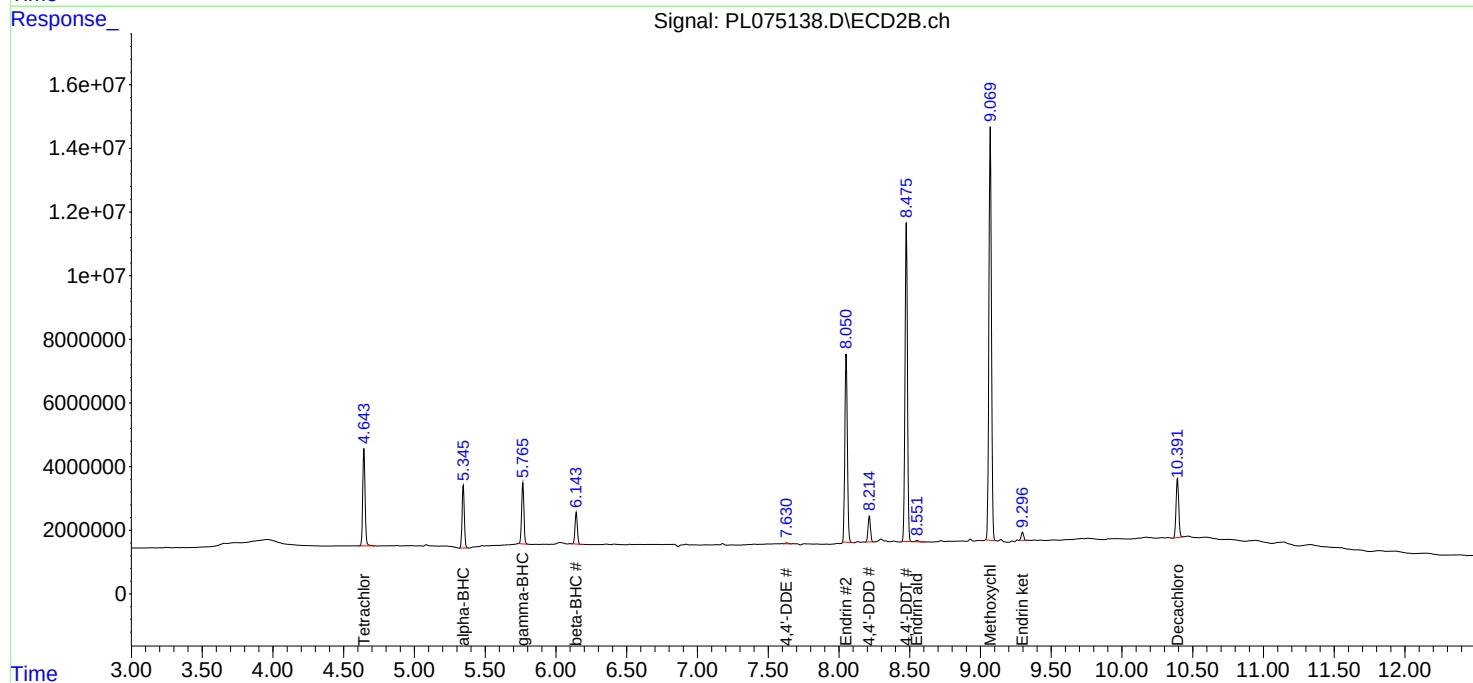
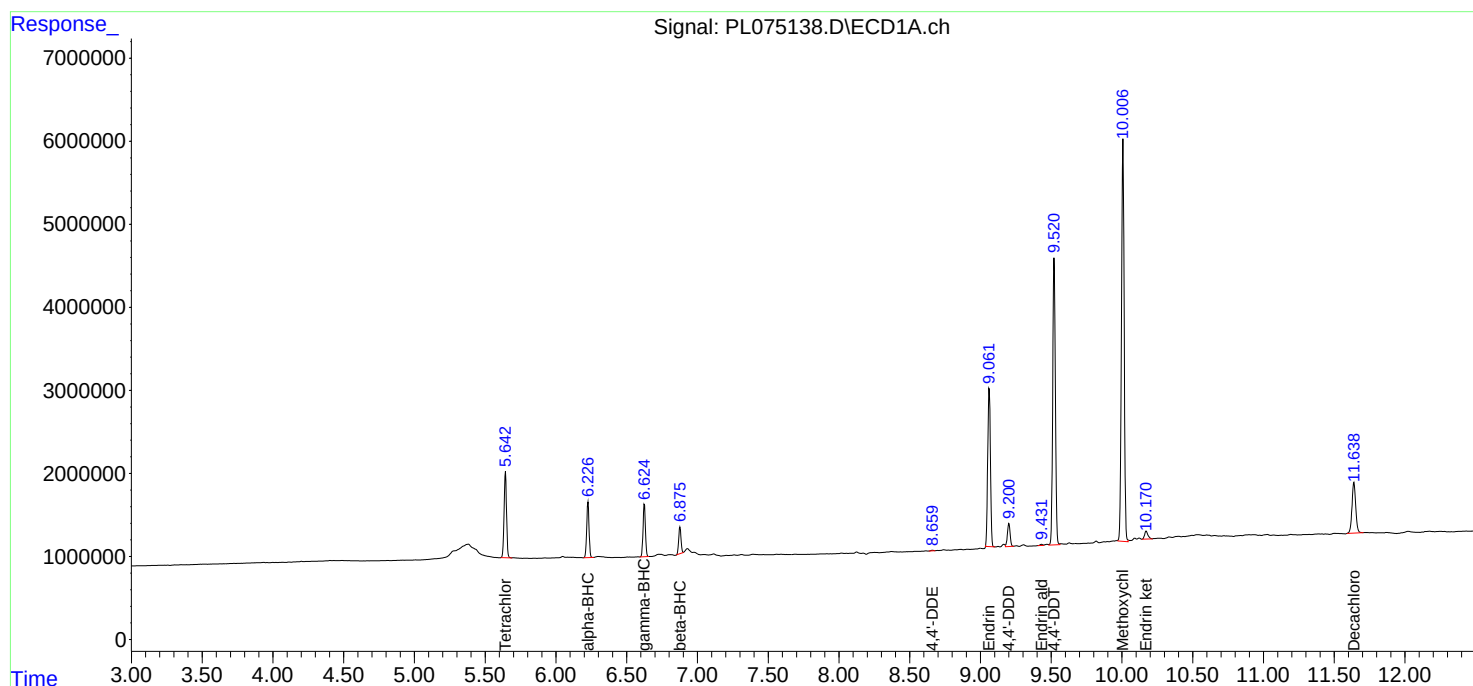
Instrument :
ECD_L
ClientSampleId :
PEM

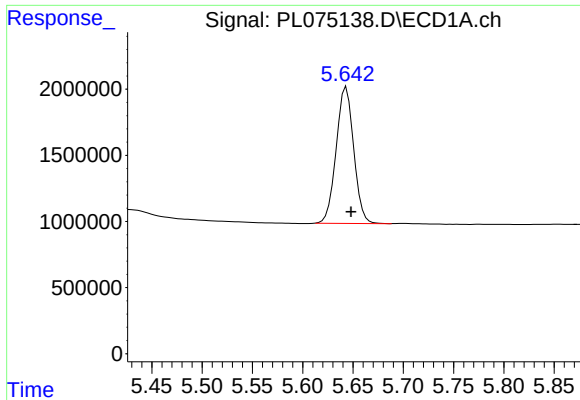
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Integration File signal 1: autoint1.e
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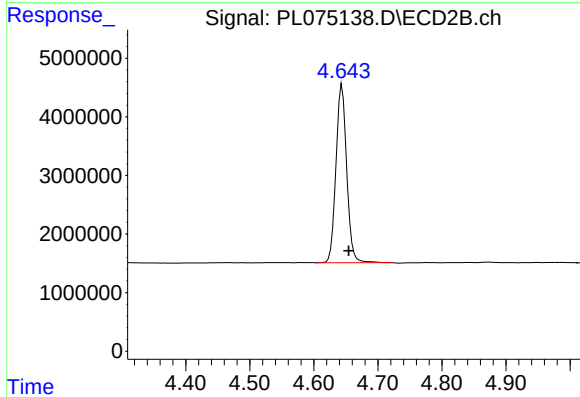
#1 Tetrachloro-m-xylene

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 12478590
Conc: 24.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

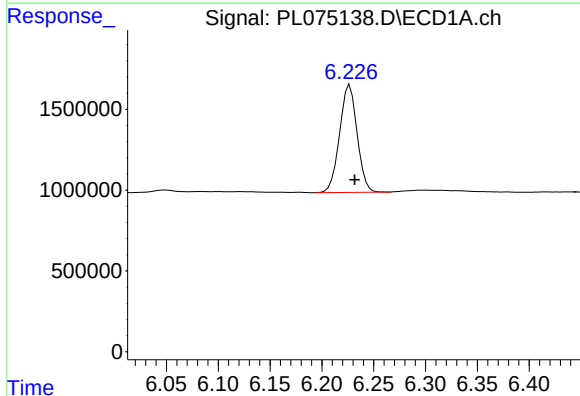
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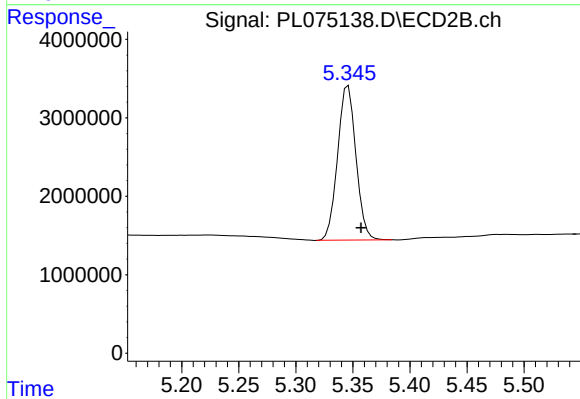
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: -0.010 min
Response: 35413825
Conc: 25.80 ng/ml



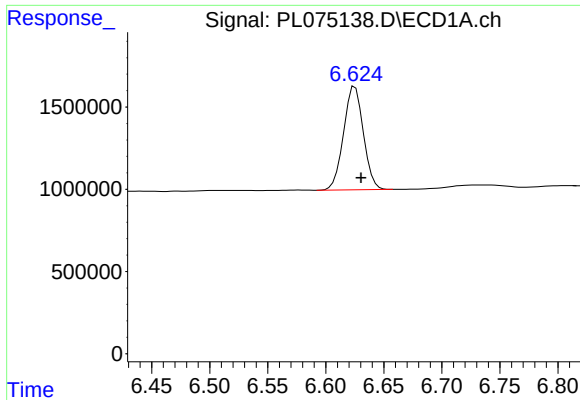
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: -0.005 min
Response: 7817408
Conc: 11.43 ng/ml



#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.013 min
Response: 22030142
Conc: 13.09 ng/ml m



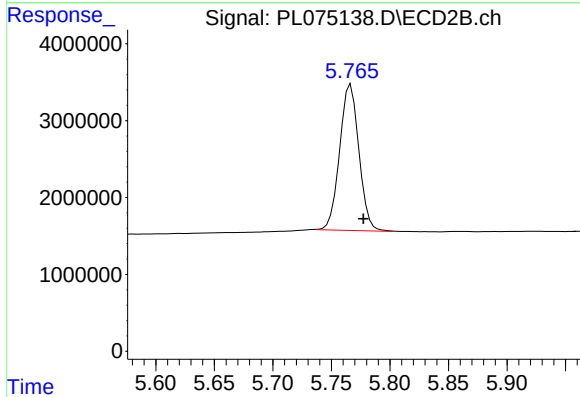
#3 gamma-BHC (Lindane)

R.T.: 6.625 min
Delta R.T.: -0.005 min
Response: 7455346
Conc: 11.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

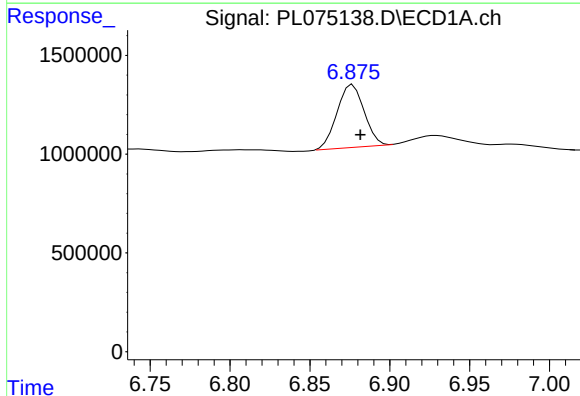
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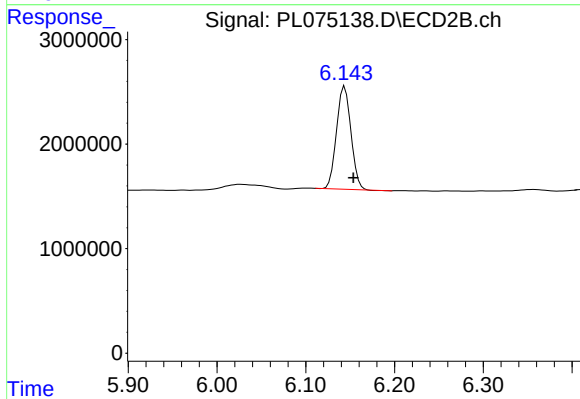
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.012 min
Response: 21732147
Conc: 13.15 ng/ml m



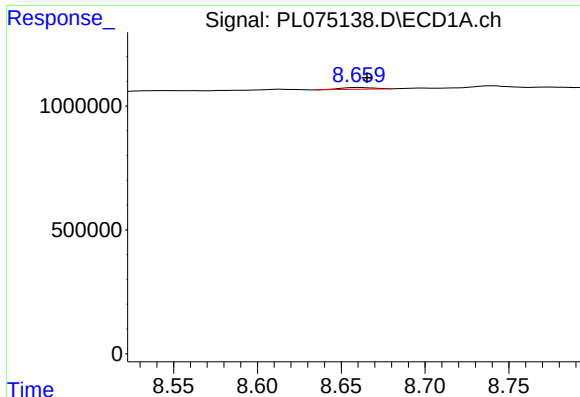
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 3742219
Conc: 12.54 ng/ml



#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: -0.009 min
Response: 11132740
Conc: 14.02 ng/ml



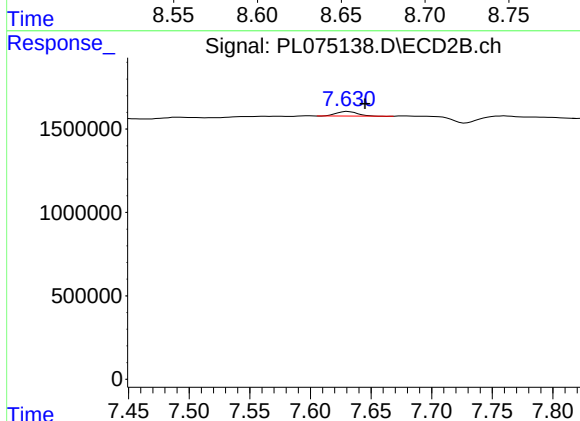
#12 4,4'-DDE

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 100641
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

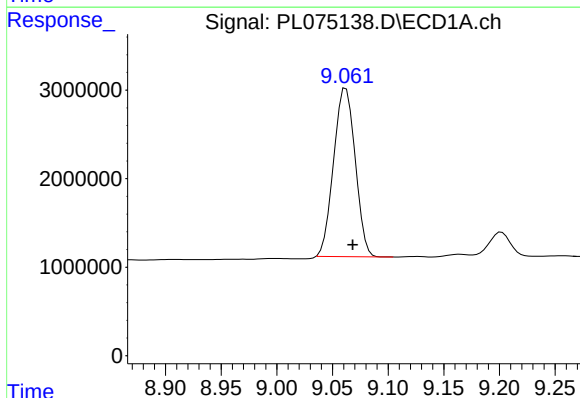
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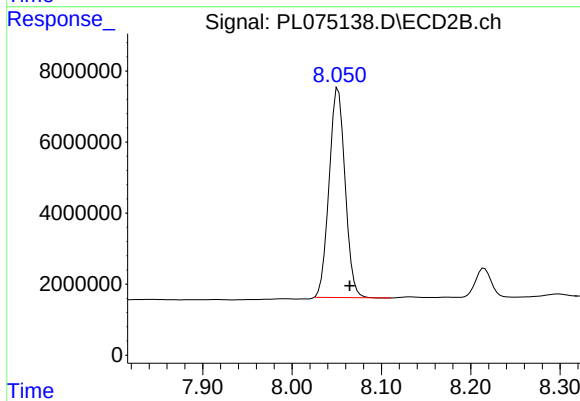
#12 4,4'-DDE

R.T.: 7.631 min
Delta R.T.: -0.014 min
Response: 339042
Conc: 0.29 ng/ml



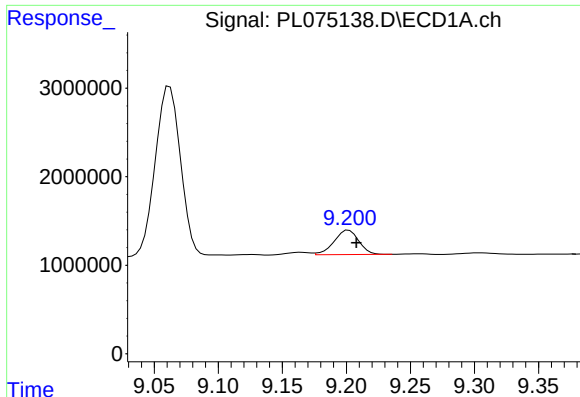
#14 Endrin

R.T.: 9.062 min
Delta R.T.: -0.006 min
Response: 25695103
Conc: 62.27 ng/ml



#14 Endrin

R.T.: 8.052 min
Delta R.T.: -0.013 min
Response: 73233755
Conc: 69.33 ng/ml



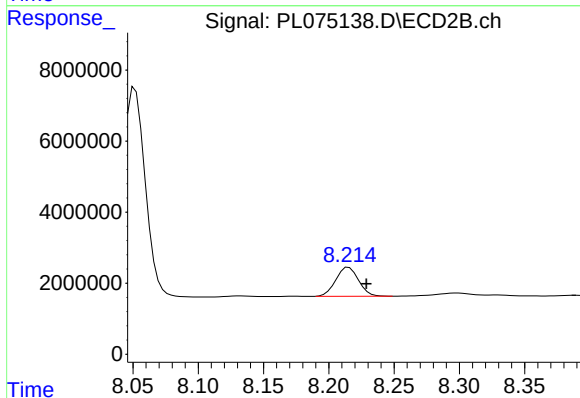
#16 4,4'-DDD

R.T.: 9.202 min
Delta R.T.: -0.006 min
Response: 3688230
Conc: 8.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

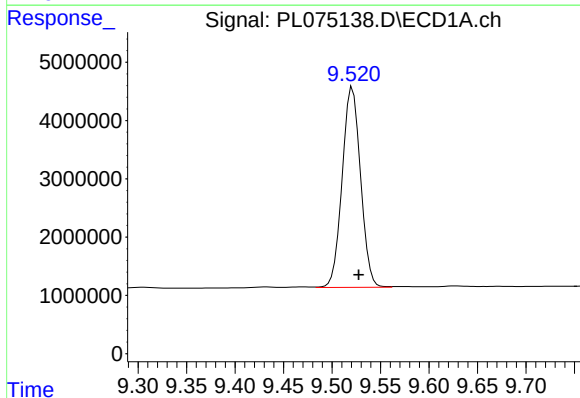
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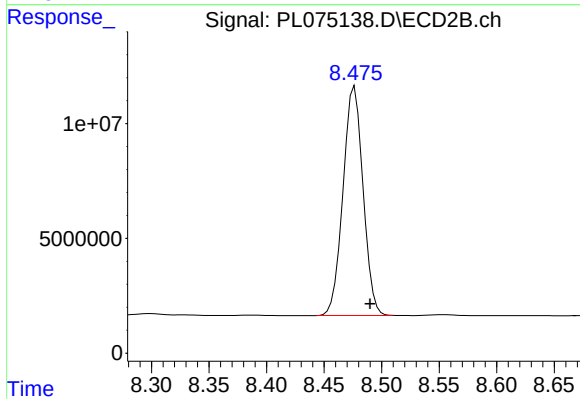
#16 4,4'-DDD

R.T.: 8.215 min
Delta R.T.: -0.013 min
Response: 9868642
Conc: 10.02 ng/ml



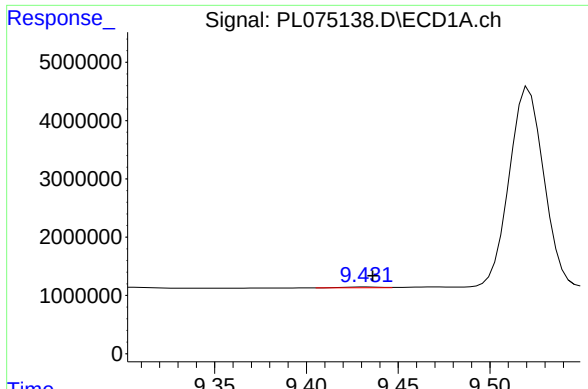
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: -0.006 min
Response: 45245686
Conc: 98.44 ng/ml



#17 4,4'-DDT

R.T.: 8.475 min
Delta R.T.: -0.015 min
Response: 121259701
Conc: 121.20 ng/ml m



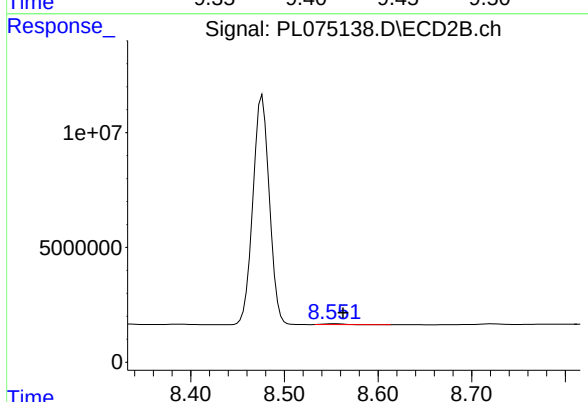
#18 Endrin aldehyde

R.T.: 9.431 min
Delta R.T.: -0.005 min
Response: 198332
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

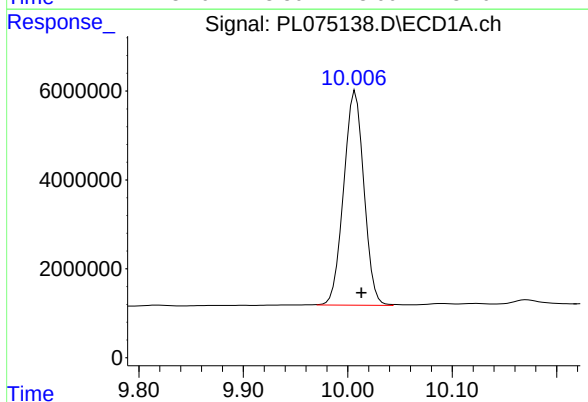
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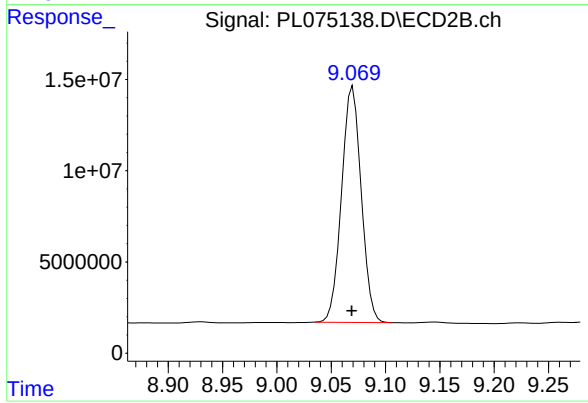
#18 Endrin aldehyde

R.T.: 8.552 min
Delta R.T.: -0.010 min
Response: 546980
Conc: 0.68 ng/ml



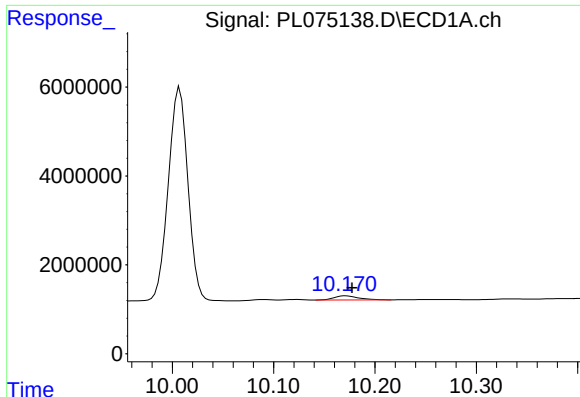
#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: -0.007 min
Response: 64841849
Conc: 264.75 ng/ml m



#20 Methoxychlor

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 162955987
Conc: 278.85 ng/ml m



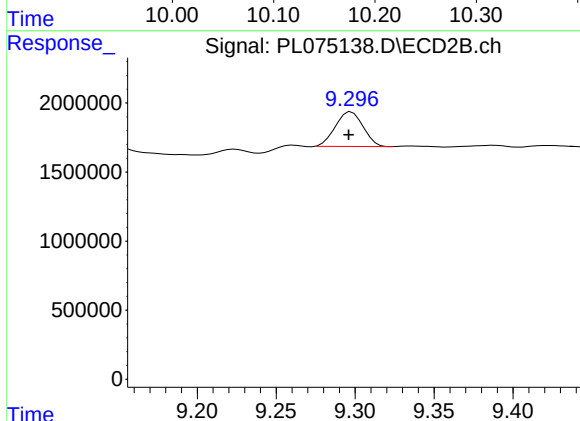
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: -0.006 min
Response: 1557049
Conc: 3.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

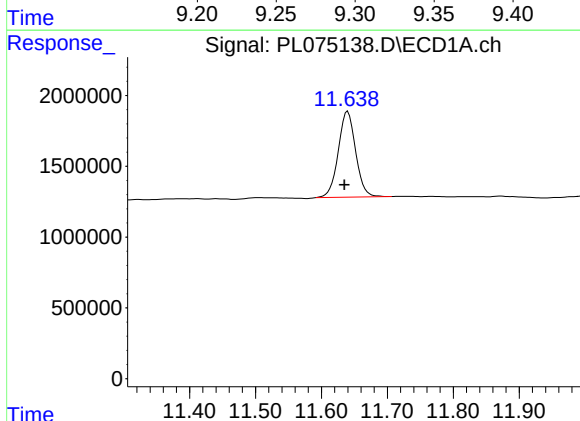
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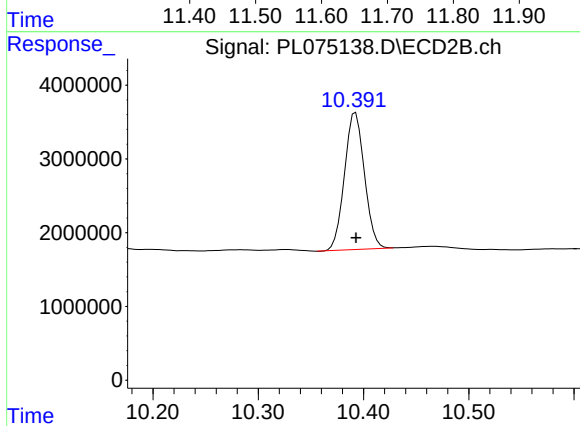
#21 Endrin ketone

R.T.: 9.298 min
Delta R.T.: 0.002 min
Response: 3064729
Conc: 2.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.640 min
Delta R.T.: 0.005 min
Response: 11123305
Conc: 24.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.391 min
Delta R.T.: -0.002 min
Response: 24560101
Conc: 23.93 ng/ml m