

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071322\
 Data File : PL076409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2022 09:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/14/2022
 Supervised By : Ankita Jodhani 07/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 00:09:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070822.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 08 16:50:17 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...	5.639	4.626	15228160	40416004	21.139	19.989
28)	SA Decachlor...	11.627	10.361	13042274	33619199	22.107	20.036
Target Compounds							
2)	A alpha-BHC	6.223	5.326	9484658	26106911	10.120	9.519
3)	MA gamma-BHC...	6.621	5.746	9398599	24702340	10.725	10.036
6)	B beta-BHC	6.874	6.125	4671841	12410847	10.628	11.348m
14)	MA Endrin	9.056	8.027	30755335	77227307	53.452	53.418
16)	A 4,4'-DDD	9.195	8.190	1390779	3628044	2.662	2.502
17)	MA 4,4'-DDT	9.515	8.450	64658187	164.9E6	108.839	105.498
18)	B Endrin al...	9.424	8.525	760173	2479259	1.575	1.978 #
20)	A Methoxychlor	10.000	9.041	87397158	212.9E6	260.803	249.519m
21)	B Endrin ke...	10.165	9.269	2562576	6686455	3.791	3.973m

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

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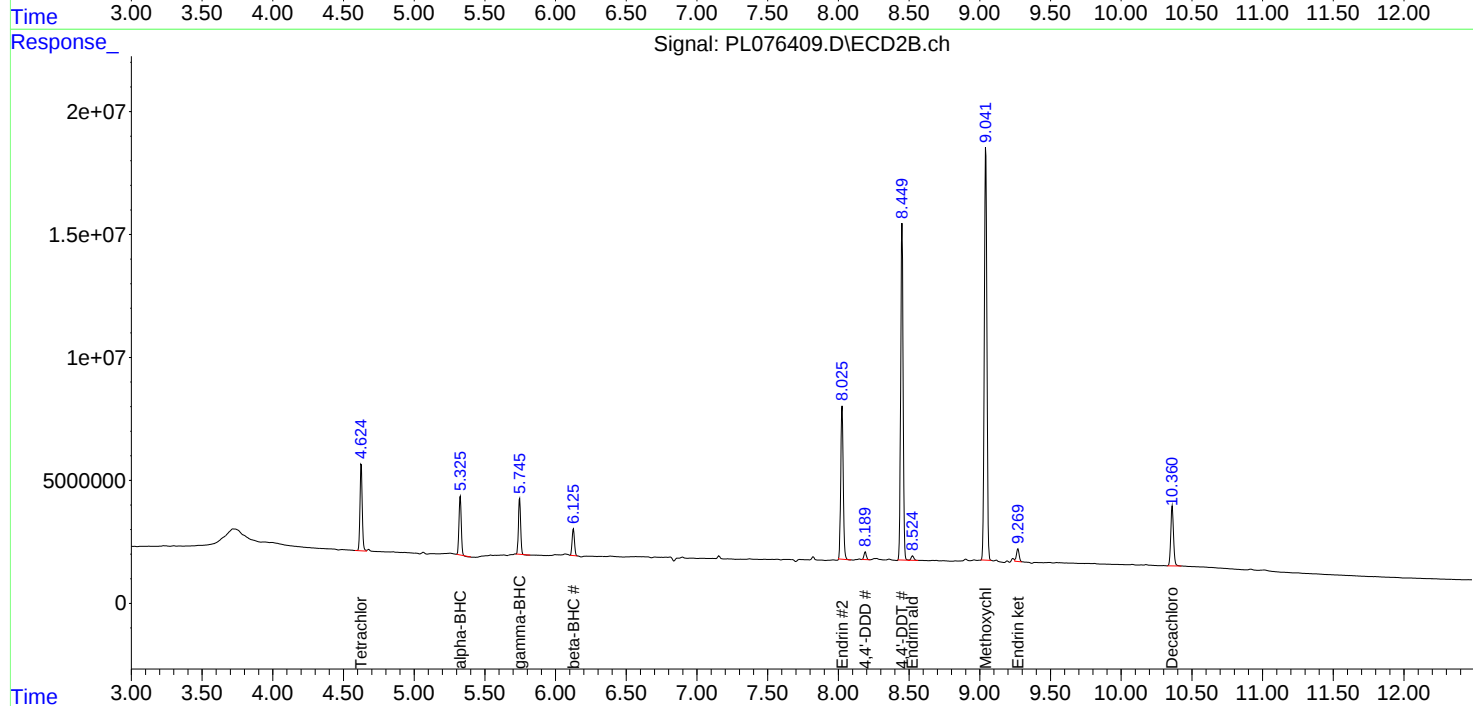
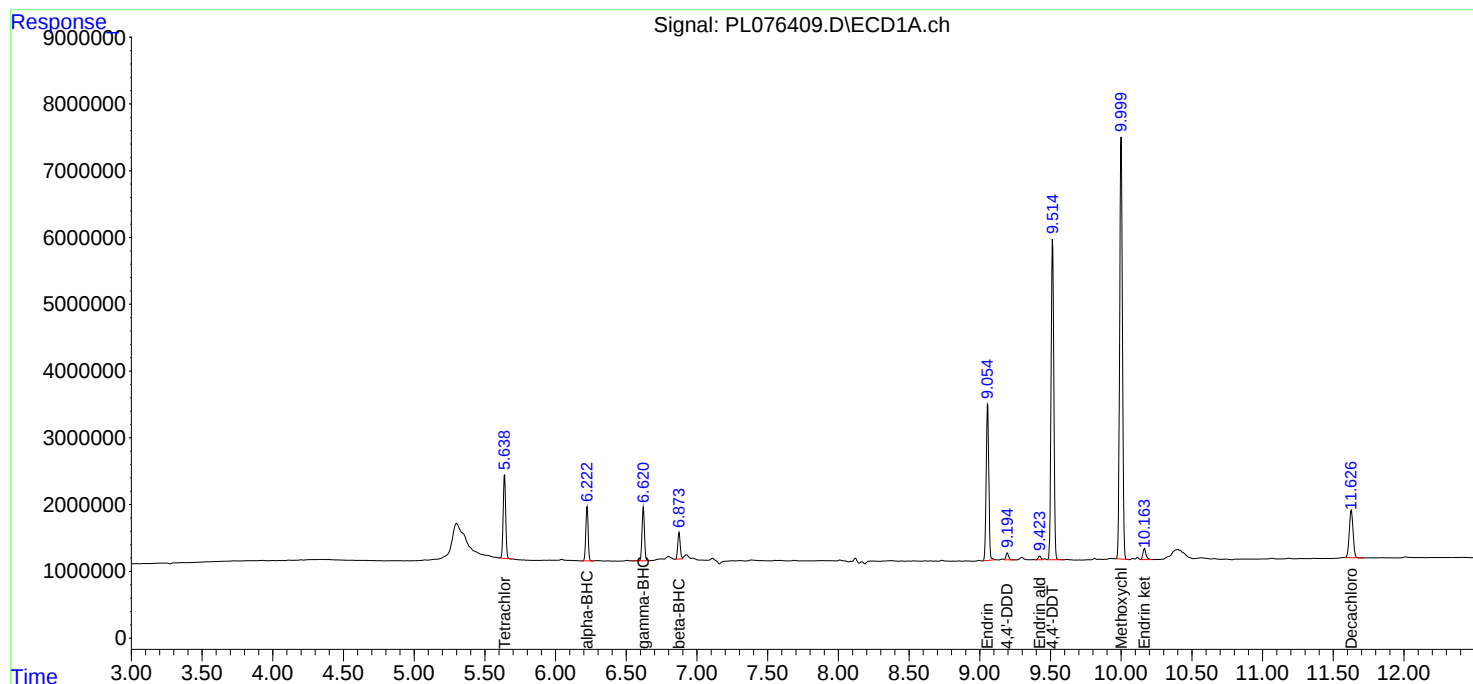
Instrument :
ECD_L
ClientSampleId :
PEM

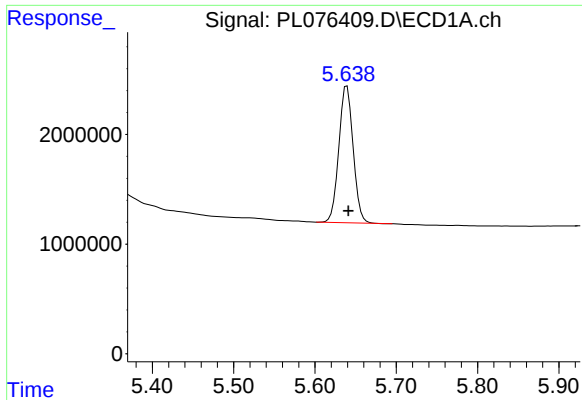
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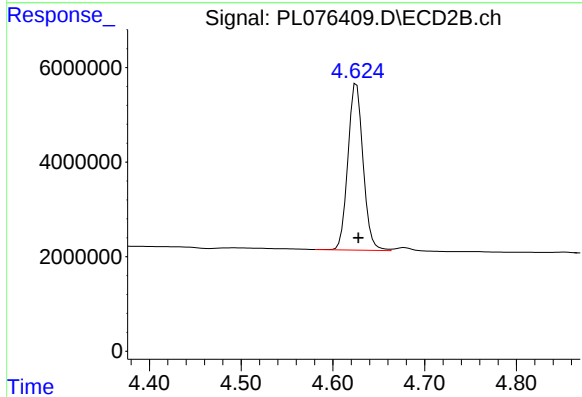
#1 Tetrachloro-m-xylene

R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 15228160
Conc: 21.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

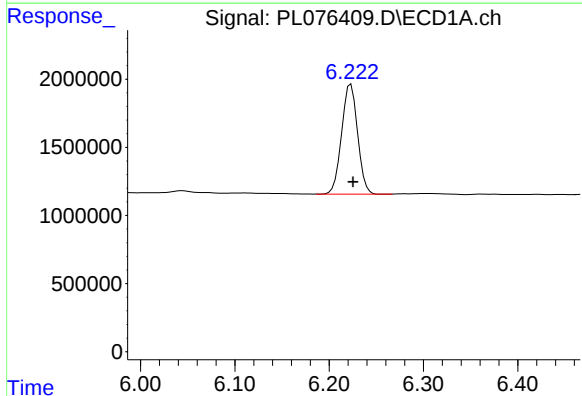
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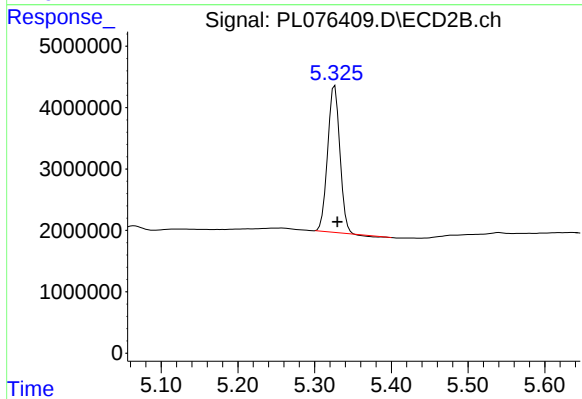
#1 Tetrachloro-m-xylene

R.T.: 4.626 min
Delta R.T.: -0.002 min
Response: 40416004
Conc: 19.99 ng/ml



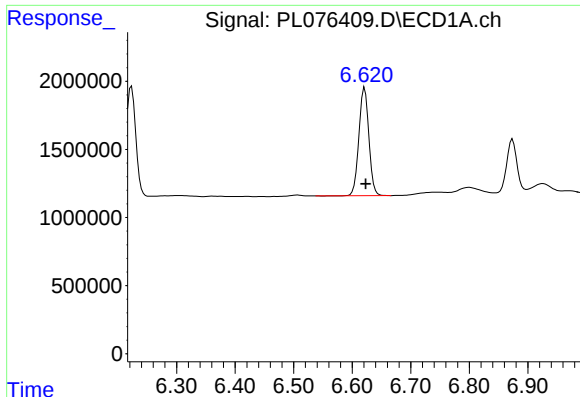
#2 alpha-BHC

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 9484658
Conc: 10.12 ng/ml



#2 alpha-BHC

R.T.: 5.326 min
Delta R.T.: -0.003 min
Response: 26106911
Conc: 9.52 ng/ml



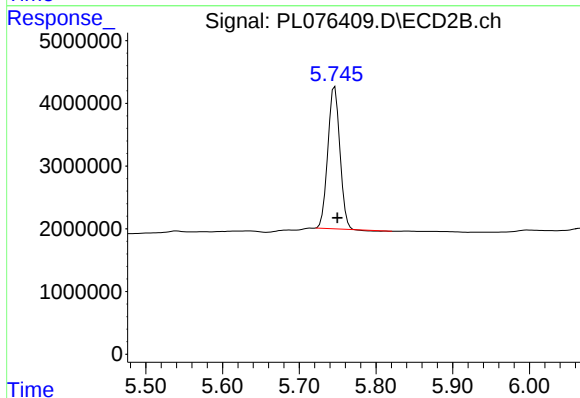
#3 gamma-BHC (Lindane)

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 9398599
Conc: 10.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

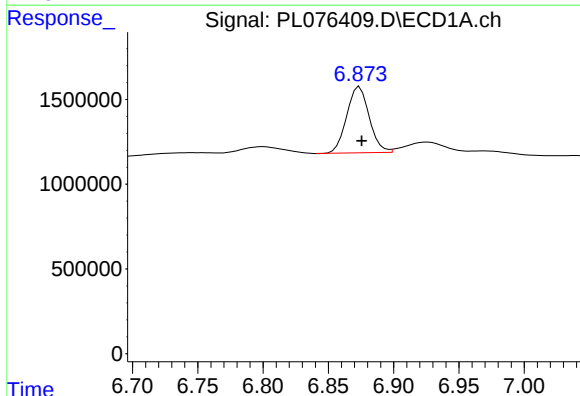
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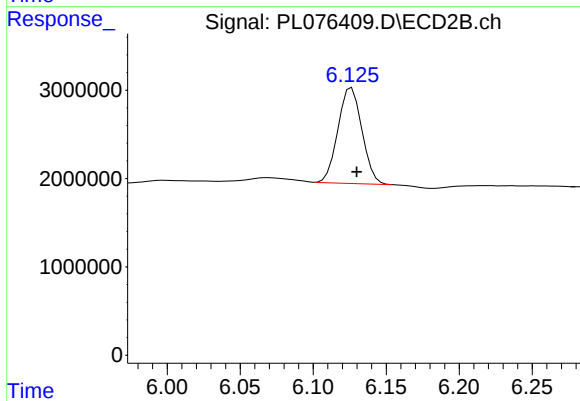
#3 gamma-BHC (Lindane)

R.T.: 5.746 min
Delta R.T.: -0.003 min
Response: 24702340
Conc: 10.04 ng/ml



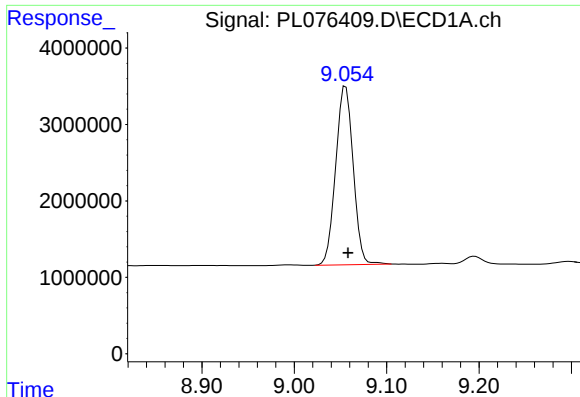
#6 beta-BHC

R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 4671841
Conc: 10.63 ng/ml



#6 beta-BHC

R.T.: 6.125 min
Delta R.T.: -0.005 min
Response: 12410847
Conc: 11.35 ng/ml m



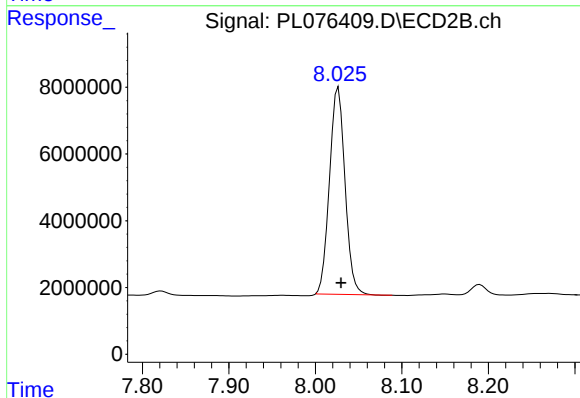
#14 Endrin

R.T.: 9.056 min
Delta R.T.: -0.003 min
Response: 30755335
Conc: 53.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

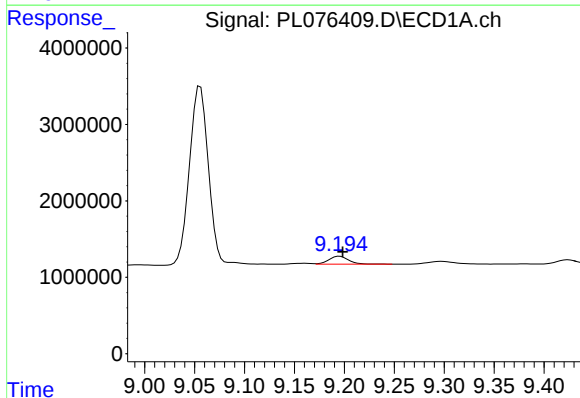
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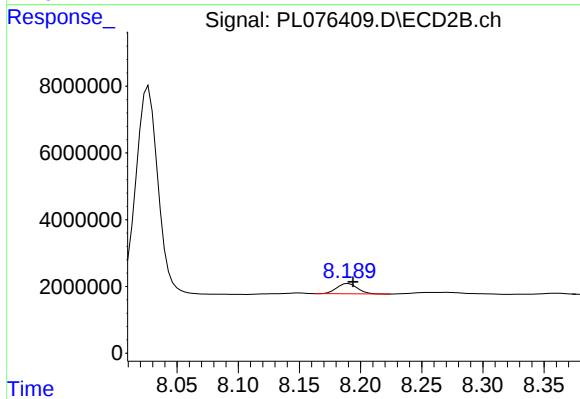
#14 Endrin

R.T.: 8.027 min
Delta R.T.: -0.003 min
Response: 77227307
Conc: 53.42 ng/ml



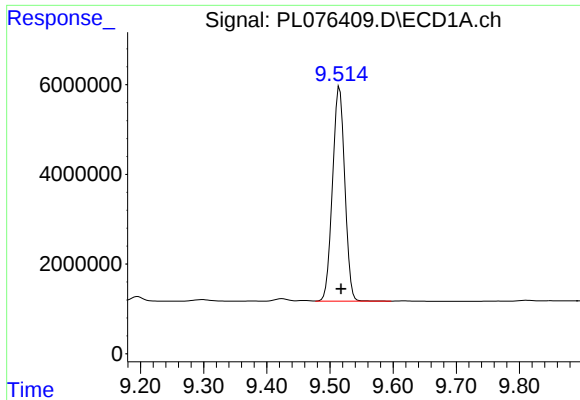
#16 4,4'-DDD

R.T.: 9.195 min
Delta R.T.: -0.003 min
Response: 1390779
Conc: 2.66 ng/ml



#16 4,4'-DDD

R.T.: 8.190 min
Delta R.T.: -0.004 min
Response: 3628044
Conc: 2.50 ng/ml



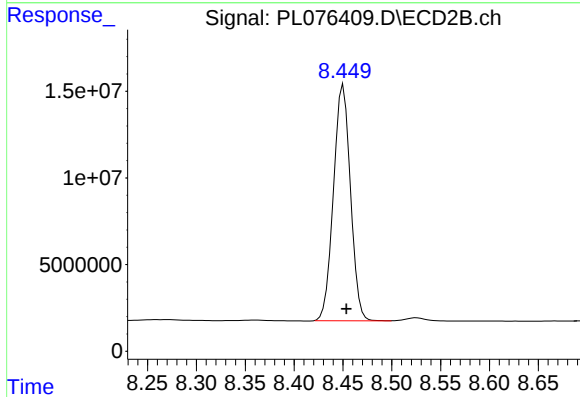
#17 4,4'-DDT

R.T.: 9.515 min
Delta R.T.: -0.002 min
Response: 64658187
Conc: 108.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

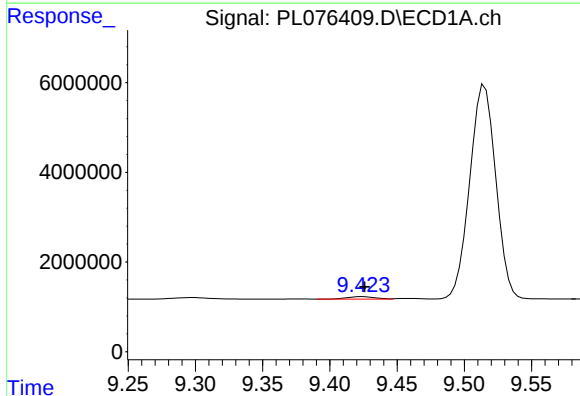
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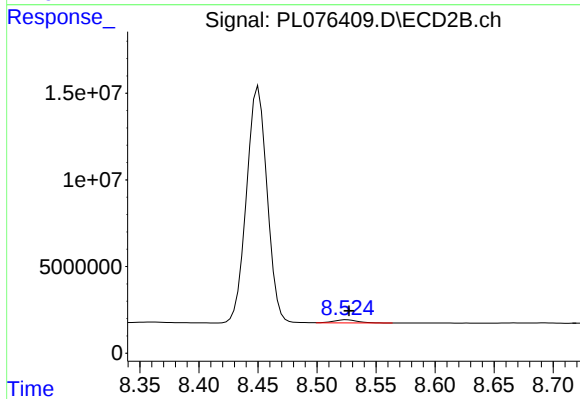
#17 4,4'-DDT

R.T.: 8.450 min
Delta R.T.: -0.003 min
Response: 164944114
Conc: 105.50 ng/ml



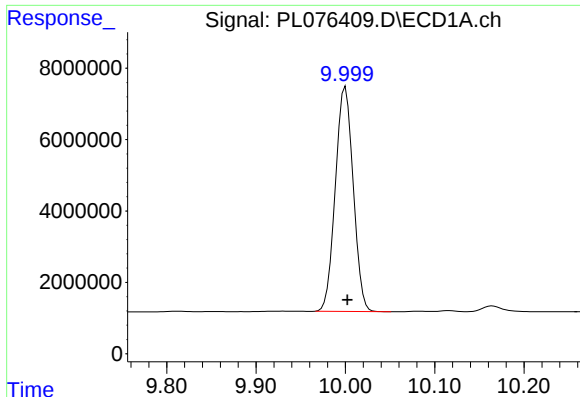
#18 Endrin aldehyde

R.T.: 9.424 min
Delta R.T.: -0.002 min
Response: 760173
Conc: 1.58 ng/ml



#18 Endrin aldehyde

R.T.: 8.525 min
Delta R.T.: -0.002 min
Response: 2479259
Conc: 1.98 ng/ml



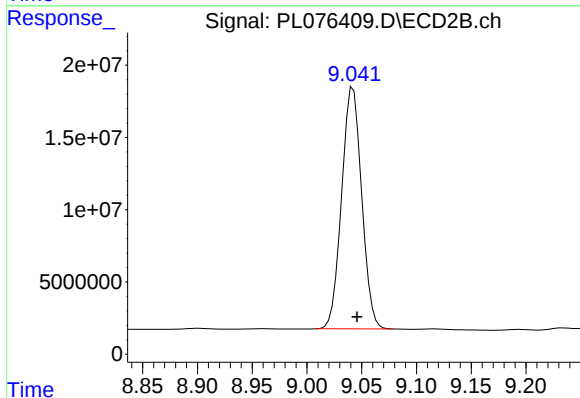
#20 Methoxychlor

R.T.: 10.000 min
Delta R.T.: -0.002 min
Response: 87397158
Conc: 260.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

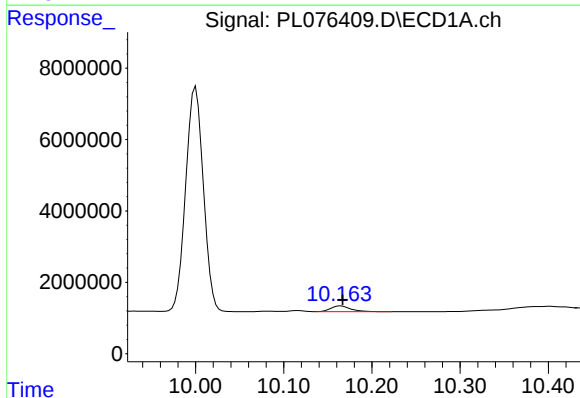
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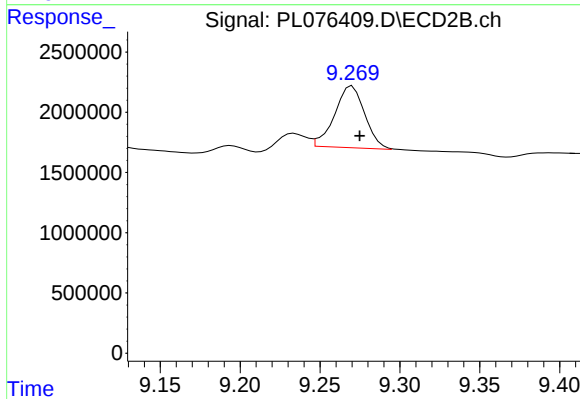
#20 Methoxychlor

R.T.: 9.041 min
Delta R.T.: -0.005 min
Response: 212852467
Conc: 249.52 ng/ml m



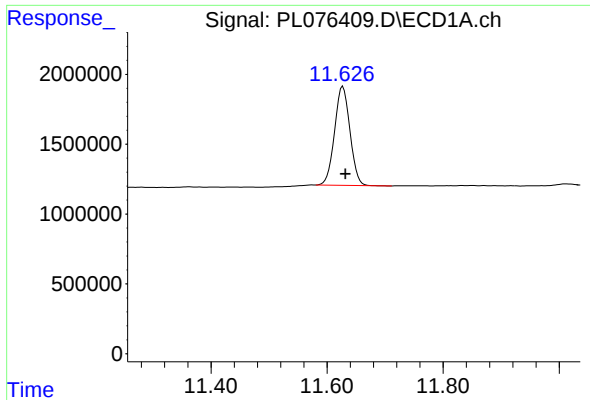
#21 Endrin ketone

R.T.: 10.165 min
Delta R.T.: -0.002 min
Response: 2562576
Conc: 3.79 ng/ml



#21 Endrin ketone

R.T.: 9.269 min
Delta R.T.: -0.006 min
Response: 6686455
Conc: 3.97 ng/ml m



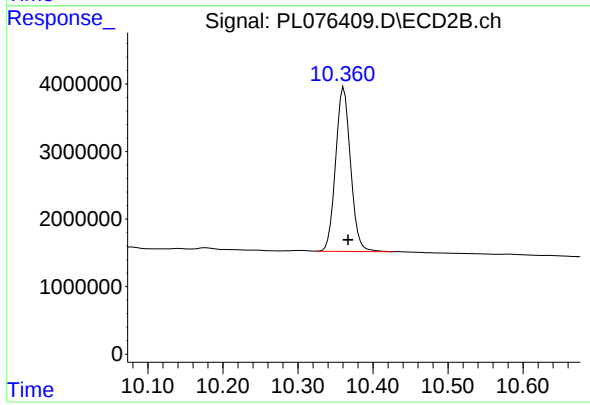
#28 Decachlorobiphenyl

R.T.: 11.627 min
Delta R.T.: -0.005 min
Response: 13042274
Conc: 22.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 10.361 min
Delta R.T.: -0.005 min
Response: 33619199
Conc: 20.04 ng/ml