

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071522\
 Data File : PL076457.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2022 14:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/18/2022
 Supervised By : Ankita Jodhani 07/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 22:43:58 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...	5.640	4.624	15354910	39597879	21.314	19.585
28)	SA Decachlor...	11.631	10.362	13376171	34911011	22.673	20.806
Target Compounds							
2)	A alpha-BHC	6.223	5.325	9763228	25279231	10.417	9.217
3)	MA gamma-BHC...	6.622	5.745	9545465	23877626	10.892	9.701
6)	B beta-BHC	6.874	6.125	4617164	13306398	10.504	12.167
14)	MA Endrin	9.056	8.026	32559765	69977799	56.588	48.404
16)	A 4,4'-DDD	9.197	8.190	343604	900609	0.658	0.621
17)	MA 4,4'-DDT	9.516	8.450	67626285	169.4E6	113.836	108.334
18)	B Endrin al...	9.426	8.523	581601	1479532	1.205	1.181m
20)	A Methoxychlor	10.002	9.041	94919116	222.7E6	283.249	261.047m
21)	B Endrin ke...	10.166	9.270	1966704	4548017	2.909	2.703

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

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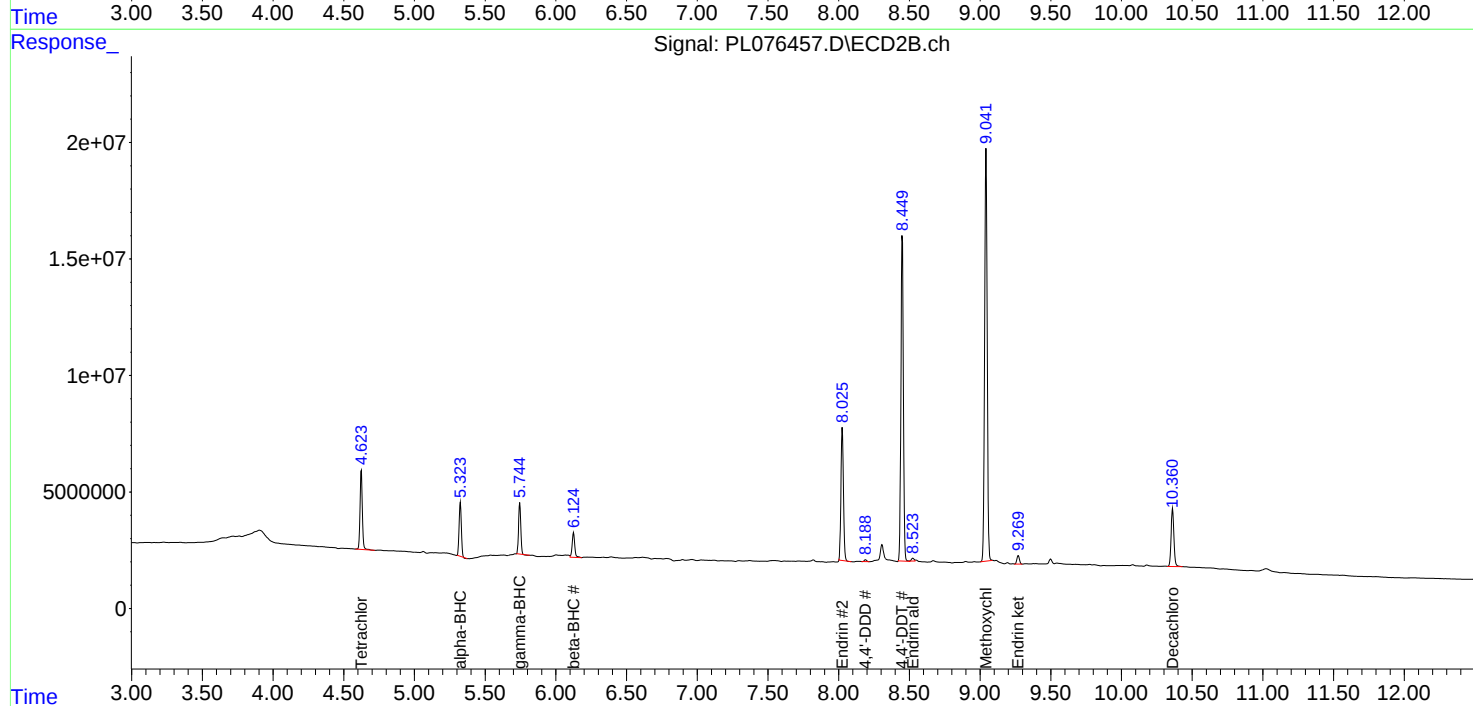
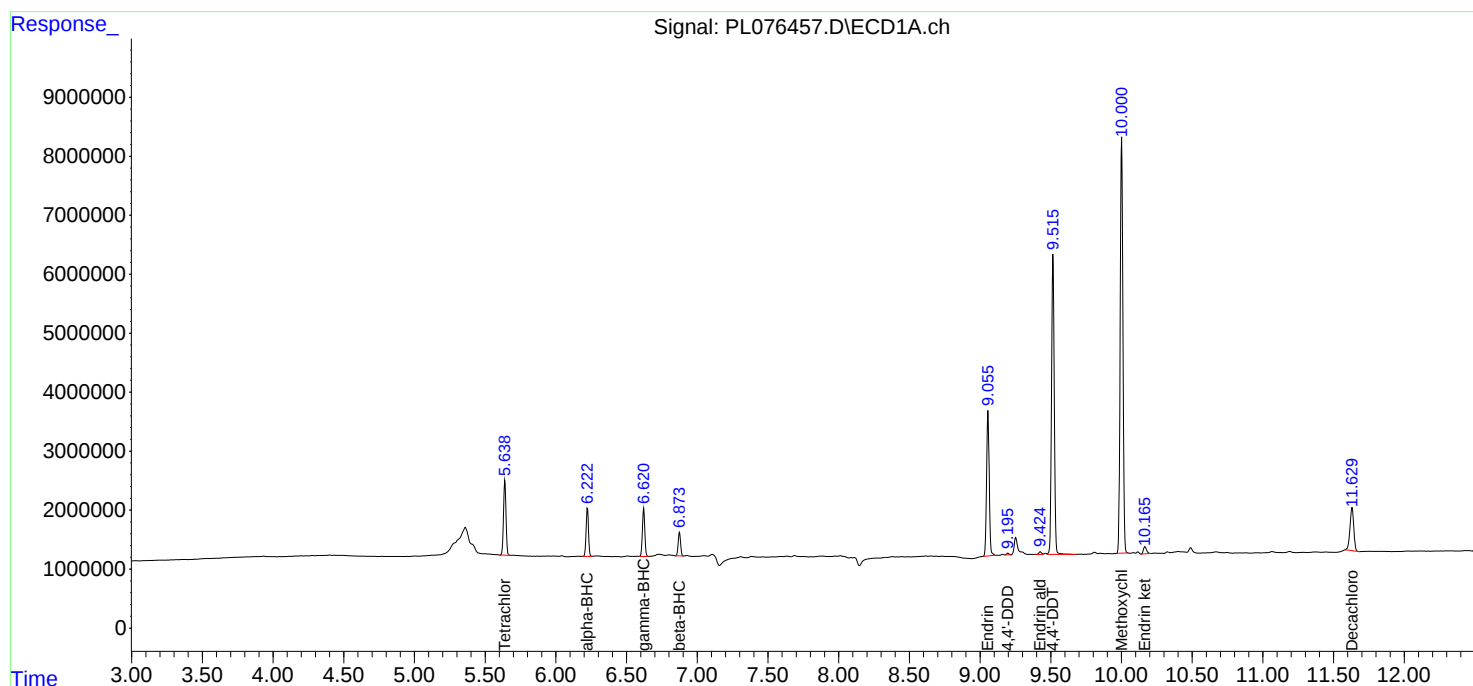
Instrument :
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ClientSampleId :
PEM

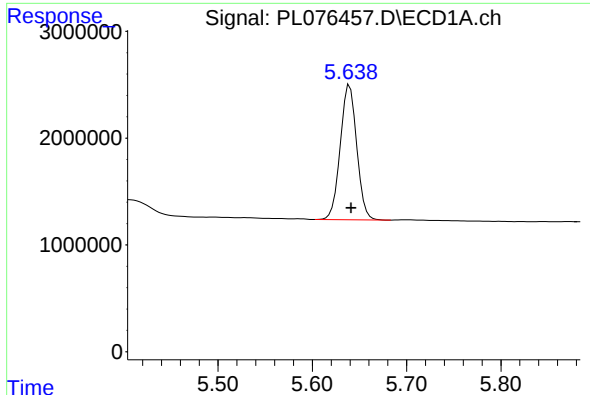
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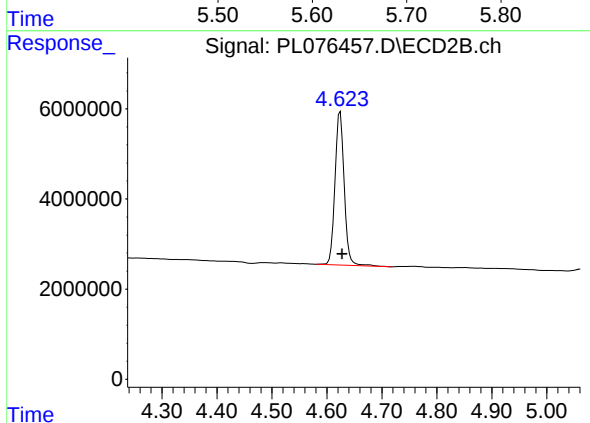
#1 Tetrachloro-m-xylene

R.T.: 5.640 min
Delta R.T.: -0.001 min
Response: 15354910
Conc: 21.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

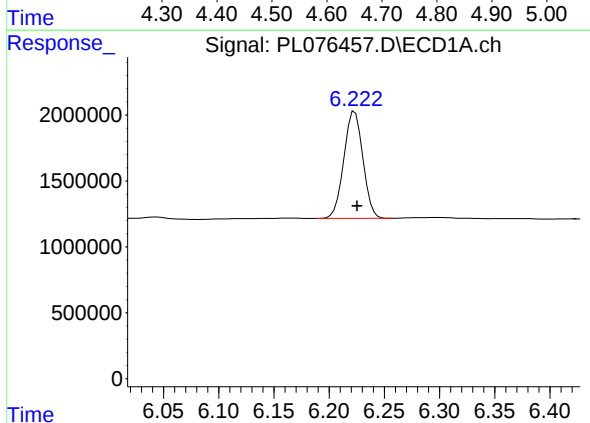
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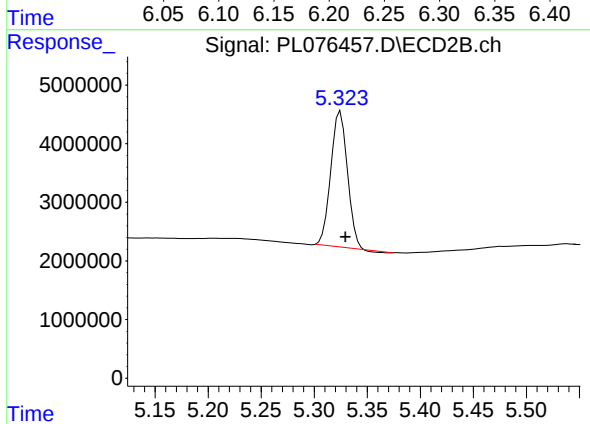
#1 Tetrachloro-m-xylene

R.T.: 4.624 min
Delta R.T.: -0.004 min
Response: 39597879
Conc: 19.58 ng/ml



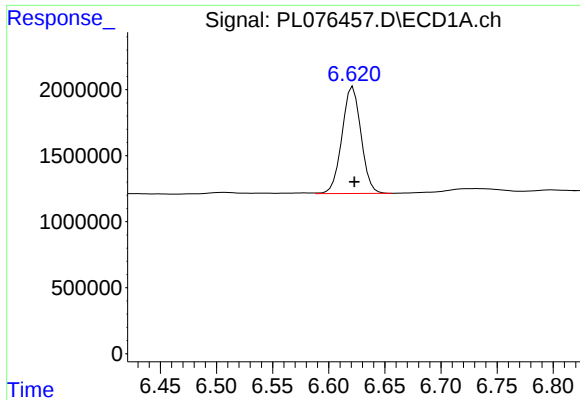
#2 alpha-BHC

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 9763228
Conc: 10.42 ng/ml



#2 alpha-BHC

R.T.: 5.325 min
Delta R.T.: -0.005 min
Response: 25279231
Conc: 9.22 ng/ml



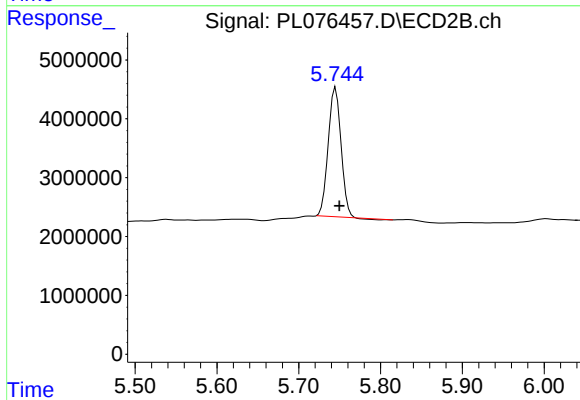
#3 gamma-BHC (Lindane)

R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 9545465
Conc: 10.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

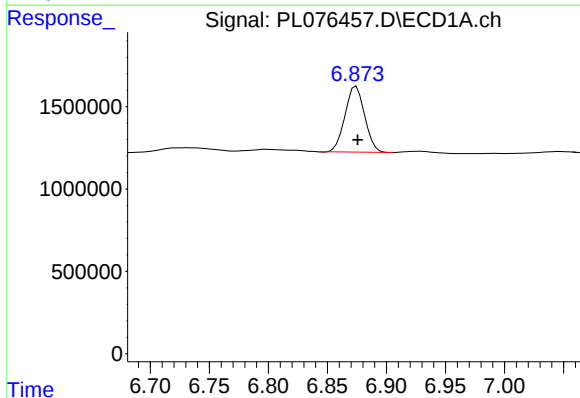
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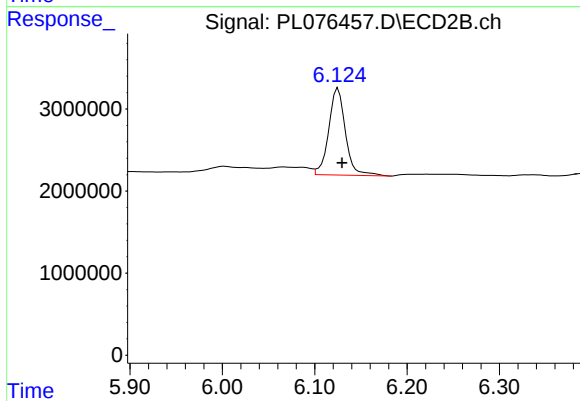
#3 gamma-BHC (Lindane)

R.T.: 5.745 min
Delta R.T.: -0.005 min
Response: 23877626
Conc: 9.70 ng/ml



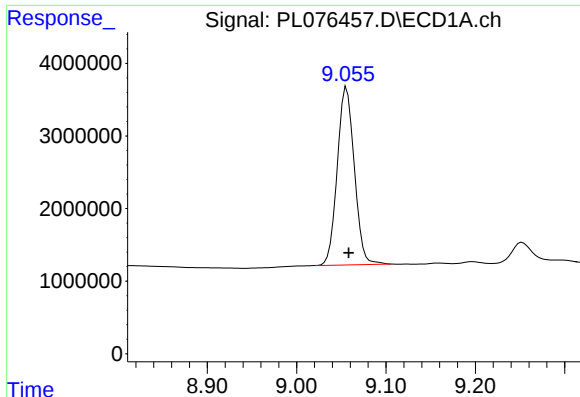
#6 beta-BHC

R.T.: 6.874 min
Delta R.T.: -0.001 min
Response: 4617164
Conc: 10.50 ng/ml



#6 beta-BHC

R.T.: 6.125 min
Delta R.T.: -0.004 min
Response: 13306398
Conc: 12.17 ng/ml



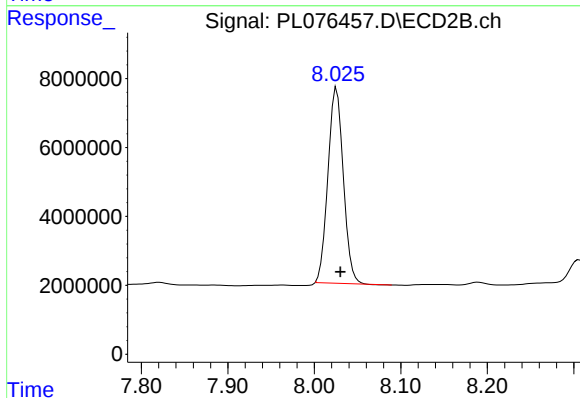
#14 Endrin

R.T.: 9.056 min
Delta R.T.: -0.002 min
Response: 32559765
Conc: 56.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

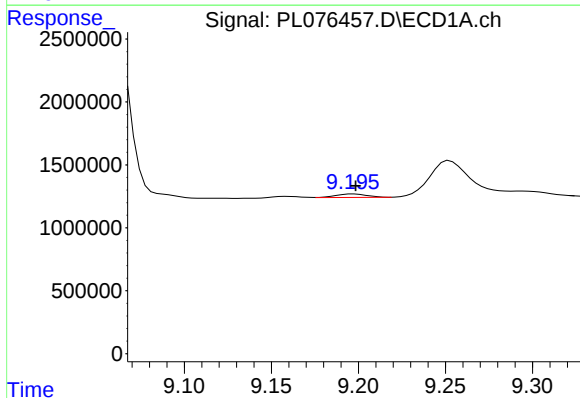
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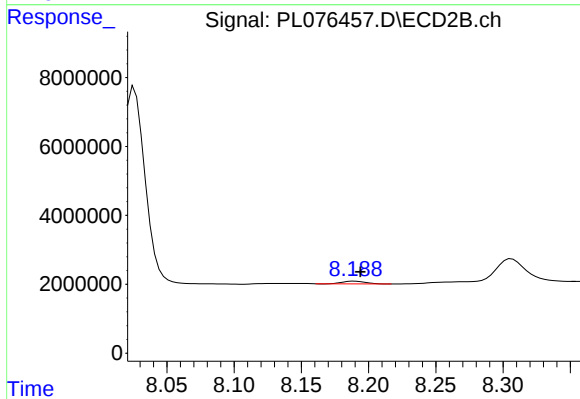
#14 Endrin

R.T.: 8.026 min
Delta R.T.: -0.004 min
Response: 69977799
Conc: 48.40 ng/ml



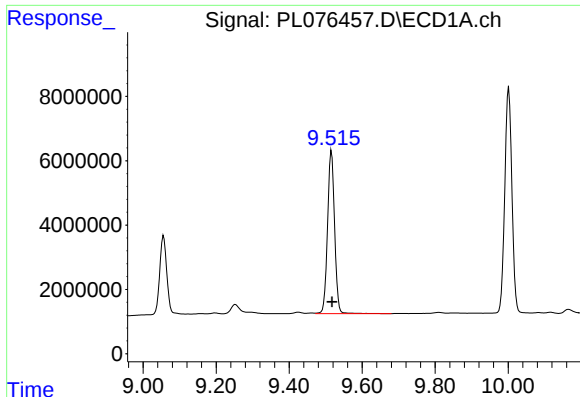
#16 4,4'-DDD

R.T.: 9.197 min
Delta R.T.: -0.001 min
Response: 343604
Conc: 0.66 ng/ml



#16 4,4'-DDD

R.T.: 8.190 min
Delta R.T.: -0.004 min
Response: 900609
Conc: 0.62 ng/ml



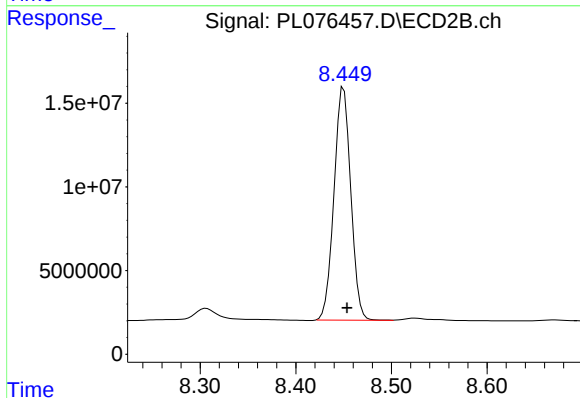
#17 4,4'-DDT

R.T.: 9.516 min
Delta R.T.: -0.001 min
Response: 67626285
Conc: 113.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

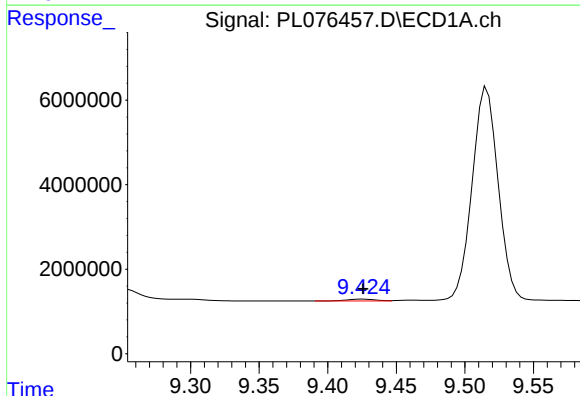
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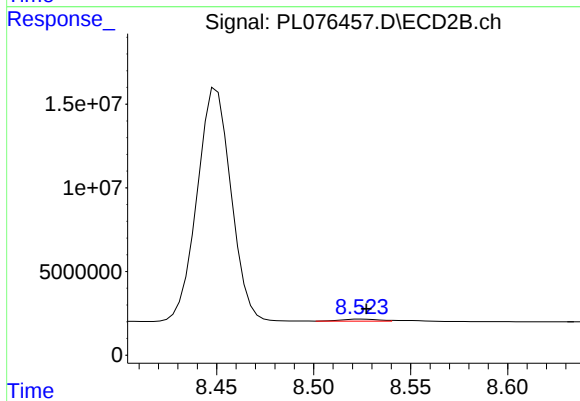
#17 4,4'-DDT

R.T.: 8.450 min
Delta R.T.: -0.004 min
Response: 169378929
Conc: 108.33 ng/ml



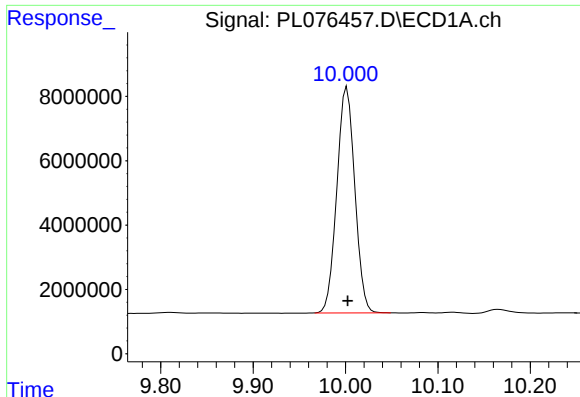
#18 Endrin aldehyde

R.T.: 9.426 min
Delta R.T.: 0.000 min
Response: 581601
Conc: 1.21 ng/ml



#18 Endrin aldehyde

R.T.: 8.523 min
Delta R.T.: -0.004 min
Response: 1479532
Conc: 1.18 ng/ml m



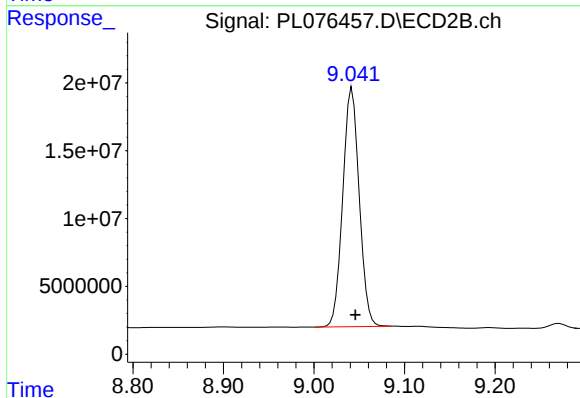
#20 Methoxychlor

R.T.: 10.002 min
Delta R.T.: 0.000 min
Response: 94919116
Conc: 283.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

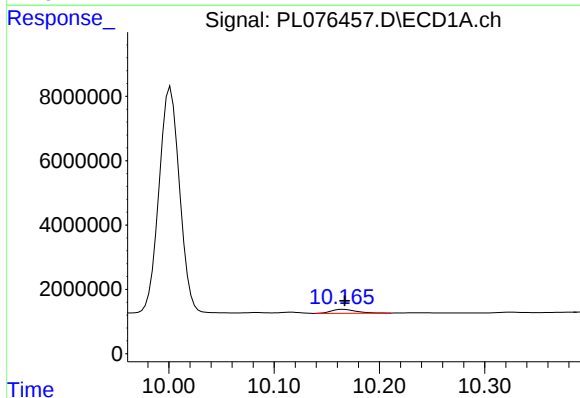
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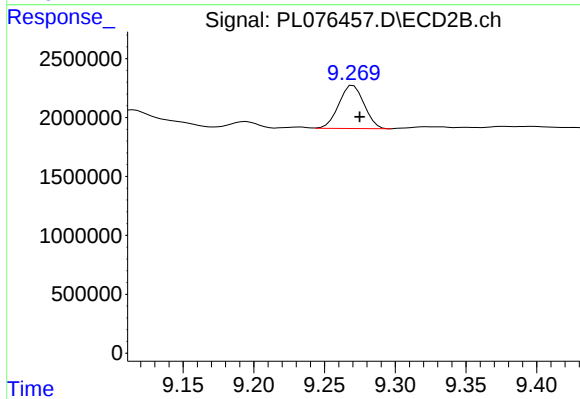
#20 Methoxychlor

R.T.: 9.041 min
Delta R.T.: -0.005 min
Response: 222686950
Conc: 261.05 ng/ml m



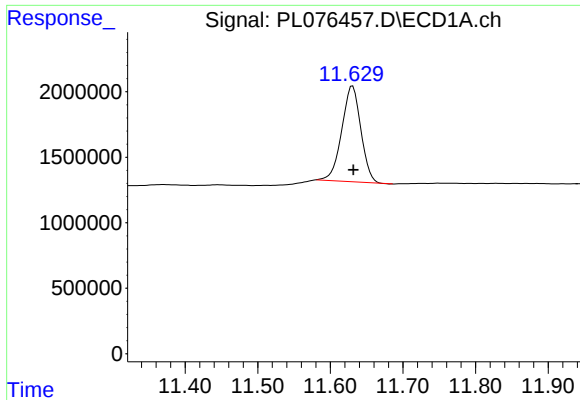
#21 Endrin ketone

R.T.: 10.166 min
Delta R.T.: 0.000 min
Response: 1966704
Conc: 2.91 ng/ml



#21 Endrin ketone

R.T.: 9.270 min
Delta R.T.: -0.005 min
Response: 4548017
Conc: 2.70 ng/ml



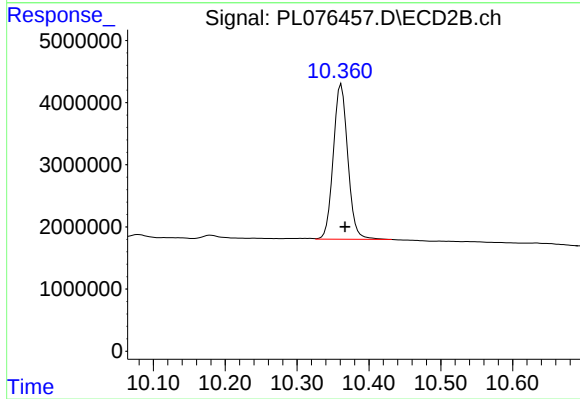
#28 Decachlorobiphenyl

R.T.: 11.631 min
Delta R.T.: -0.001 min
Response: 13376171
Conc: 22.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 10.362 min
Delta R.T.: -0.005 min
Response: 34911011
Conc: 20.81 ng/ml