

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070822\
 Data File : PL076355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2022 23:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2022
 Supervised By : Ankita Jodhani 07/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 23:27:26 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...	5.641	4.627	14583999	41590613	20.244	20.570
28)	SA Decachlor...	11.625	10.362	10236157	33237516	17.351m	19.809
Target Compounds							
2)	A alpha-BHC	6.224	5.328	9307738	26486868	9.931	9.657
3)	MA gamma-BHC...	6.622	5.748	9159482	24709431	10.452	10.039
6)	B beta-BHC	6.874	6.127	4560011	13268706	10.374	12.133
14)	MA Endrin	9.056	8.028	30025567	73955302	52.184	51.155
16)	A 4,4'-DDD	9.196	8.191	278273	720111	0.533	0.497m
17)	MA 4,4'-DDT	9.515	8.452	62140661	165.5E6	104.602	105.851
18)	B Endrin al...	9.424	8.527	577974	2105634	1.198	1.680 #
20)	A Methoxychlor	10.000	9.044	85013606	211.7E6	253.690	248.200
21)	B Endrin ke...	10.166	9.272	2377697	4070652	3.517	2.419 #

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

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Sample : PEM
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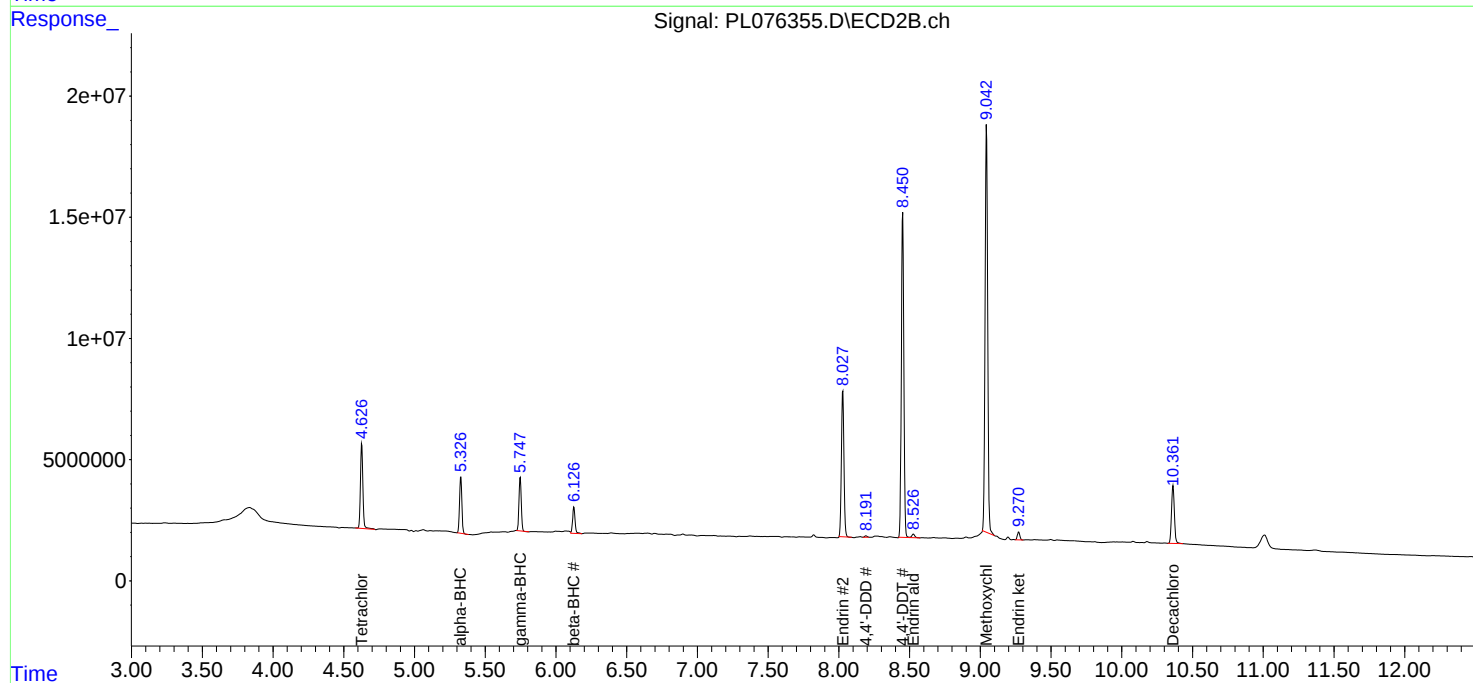
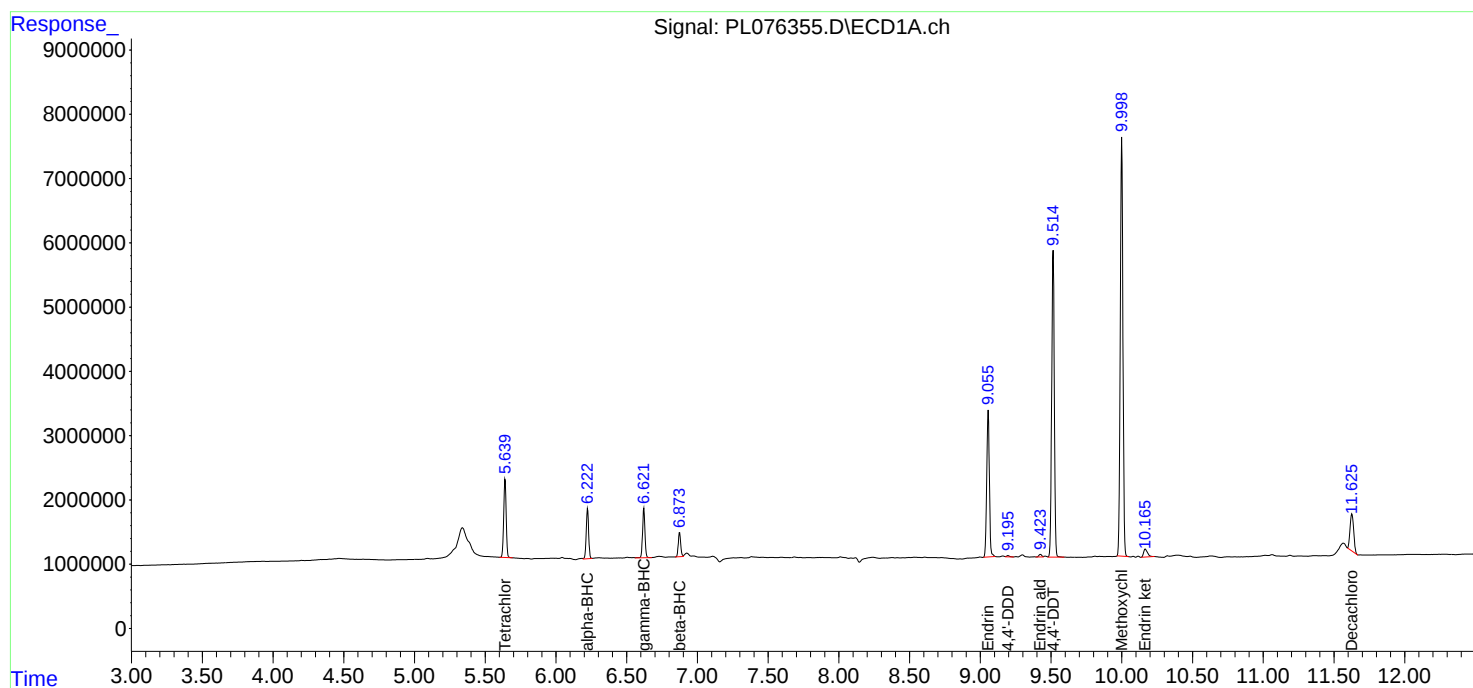
Instrument :
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PEM

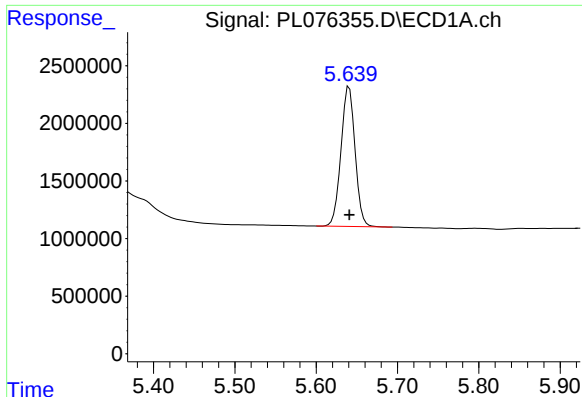
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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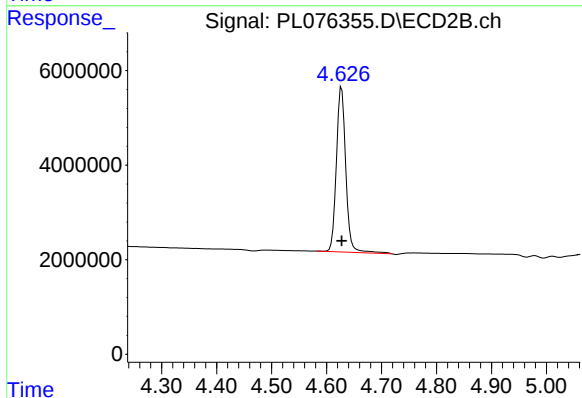
#1 Tetrachloro-m-xylene

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 14583999
Conc: 20.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

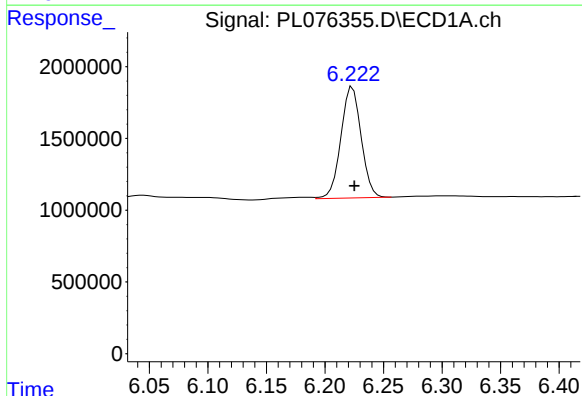
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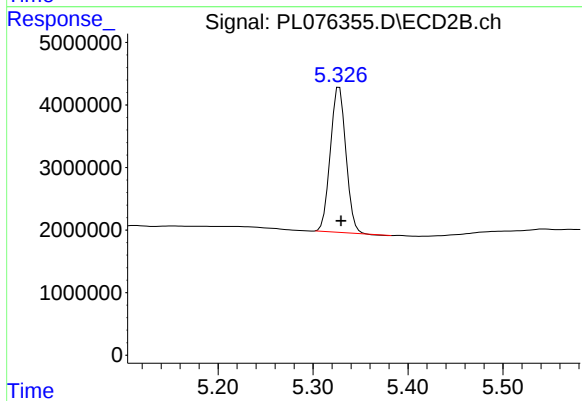
#1 Tetrachloro-m-xylene

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 41590613
Conc: 20.57 ng/ml



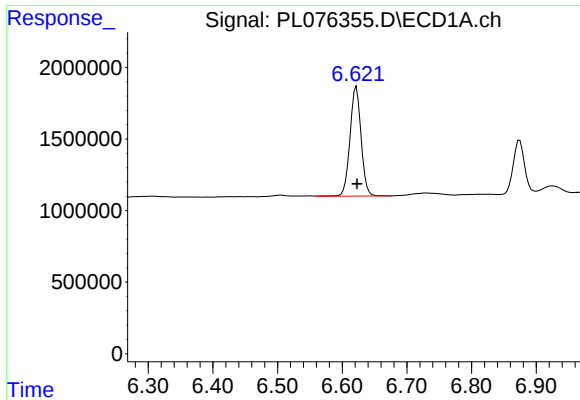
#2 alpha-BHC

R.T.: 6.224 min
Delta R.T.: -0.002 min
Response: 9307738
Conc: 9.93 ng/ml



#2 alpha-BHC

R.T.: 5.328 min
Delta R.T.: -0.002 min
Response: 26486868
Conc: 9.66 ng/ml



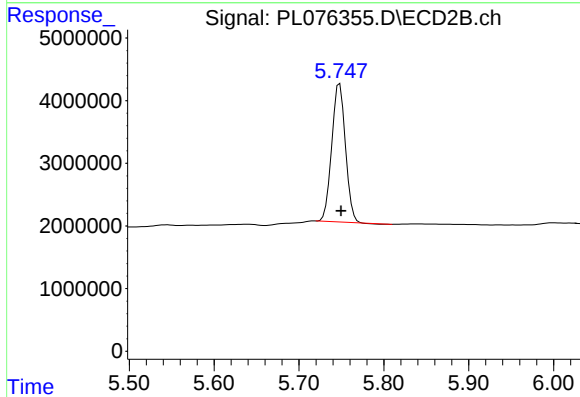
#3 gamma-BHC (Lindane)

R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 9159482
Conc: 10.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

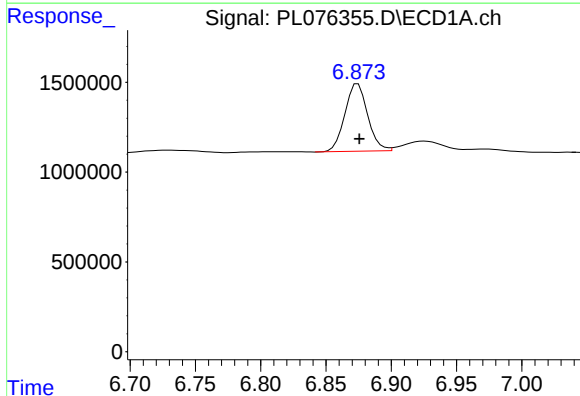
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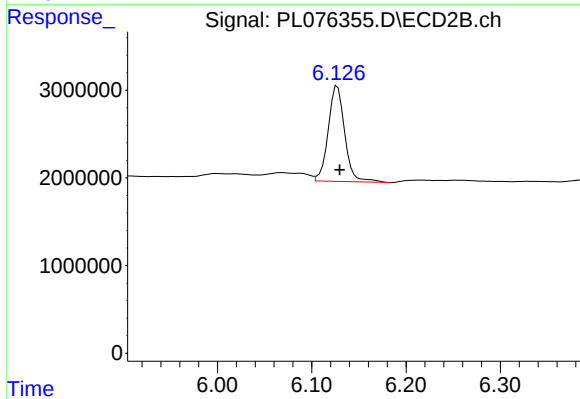
#3 gamma-BHC (Lindane)

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 24709431
Conc: 10.04 ng/ml



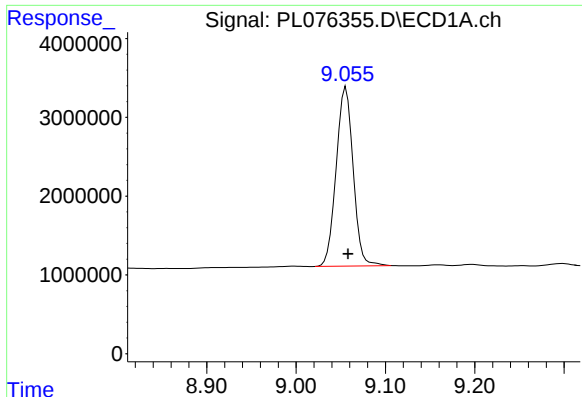
#6 beta-BHC

R.T.: 6.874 min
Delta R.T.: -0.001 min
Response: 4560011
Conc: 10.37 ng/ml



#6 beta-BHC

R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 13268706
Conc: 12.13 ng/ml



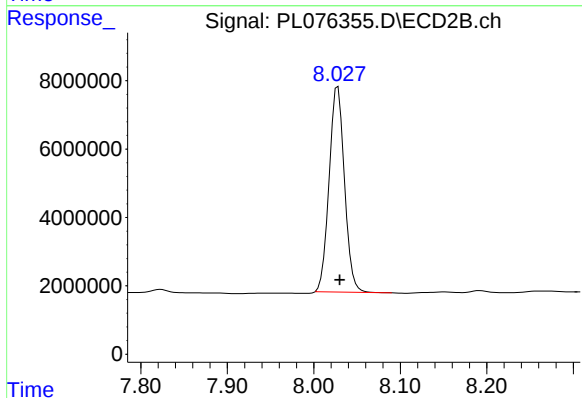
#14 Endrin

R.T.: 9.056 min
Delta R.T.: -0.002 min
Response: 30025567
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

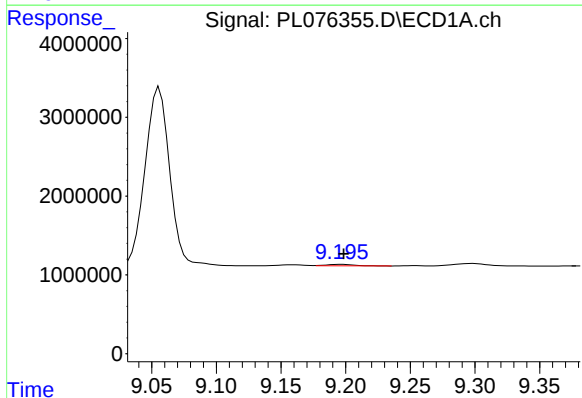
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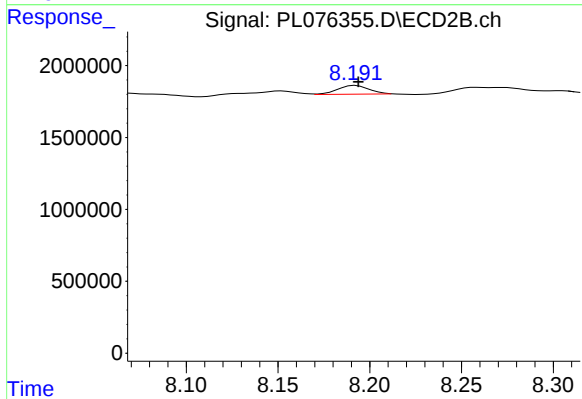
#14 Endrin

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 73955302
Conc: 51.16 ng/ml



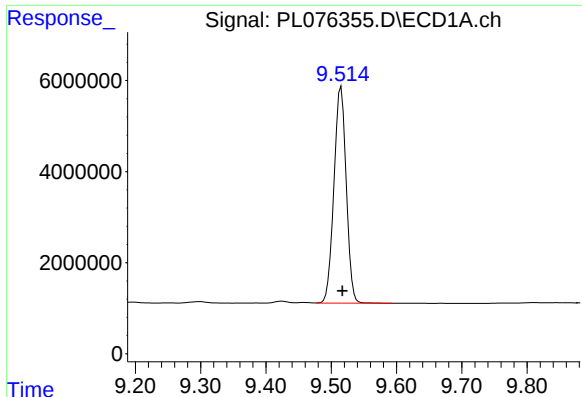
#16 4,4'-DDD

R.T.: 9.196 min
Delta R.T.: -0.002 min
Response: 278273
Conc: 0.53 ng/ml



#16 4,4'-DDD

R.T.: 8.191 min
Delta R.T.: -0.003 min
Response: 720111
Conc: 0.50 ng/ml m



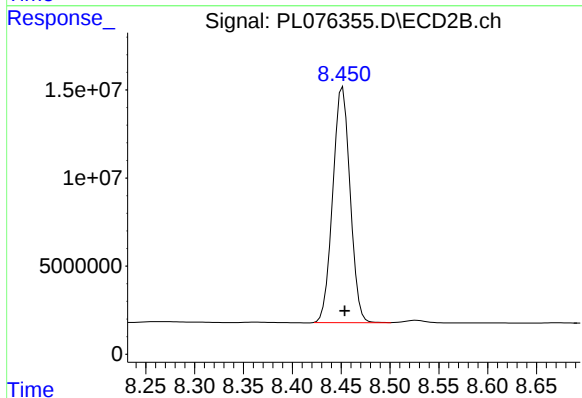
#17 4,4'-DDT

R.T.: 9.515 min
Delta R.T.: -0.002 min
Response: 62140661
Conc: 104.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

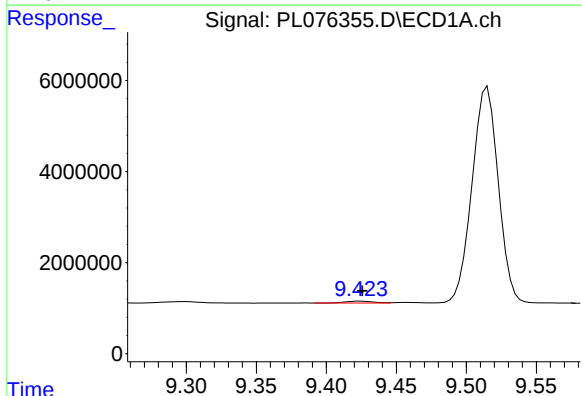
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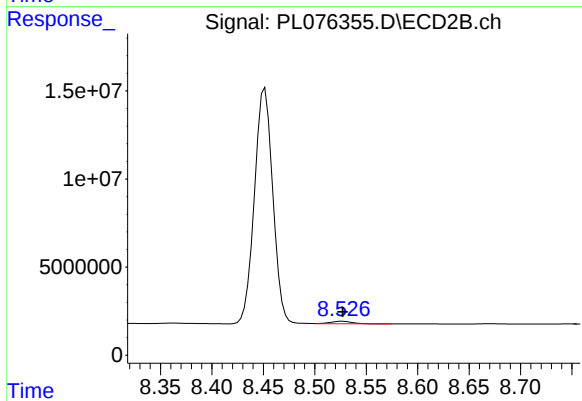
#17 4,4'-DDT

R.T.: 8.452 min
Delta R.T.: -0.002 min
Response: 165496300
Conc: 105.85 ng/ml



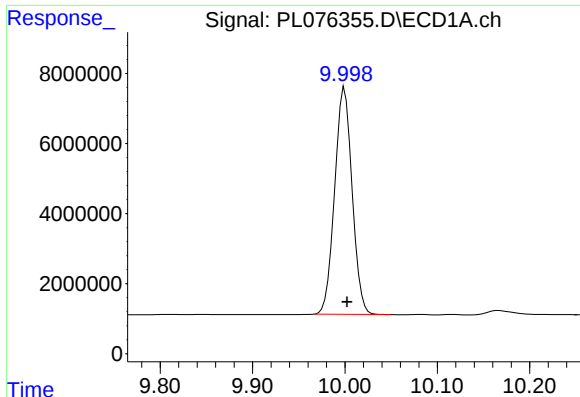
#18 Endrin aldehyde

R.T.: 9.424 min
Delta R.T.: -0.002 min
Response: 577974
Conc: 1.20 ng/ml



#18 Endrin aldehyde

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 2105634
Conc: 1.68 ng/ml



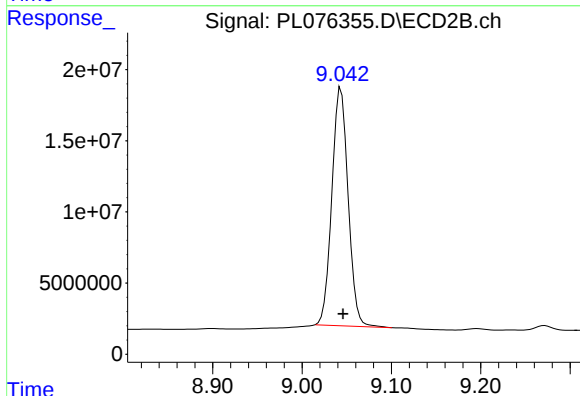
#20 Methoxychlor

R.T.: 10.000 min
Delta R.T.: -0.003 min
Response: 85013606
Conc: 253.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

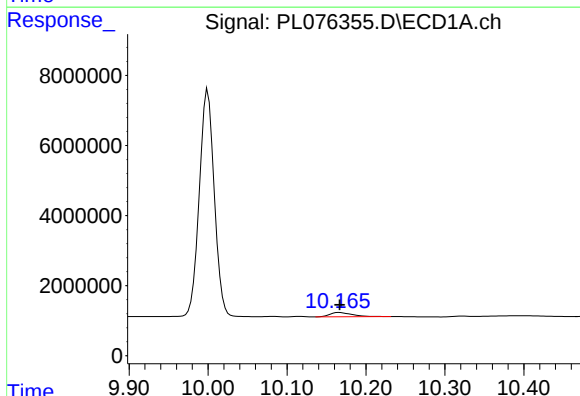
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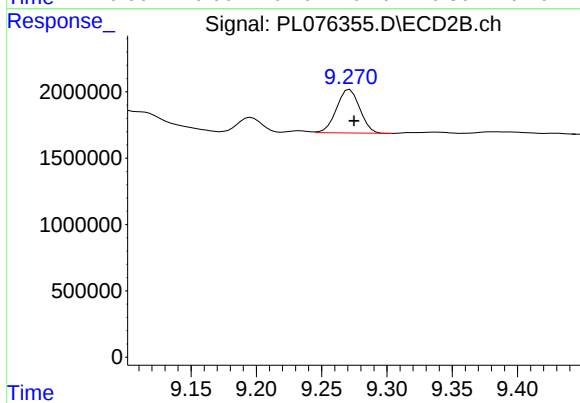
#20 Methoxychlor

R.T.: 9.044 min
Delta R.T.: -0.002 min
Response: 211727658
Conc: 248.20 ng/ml



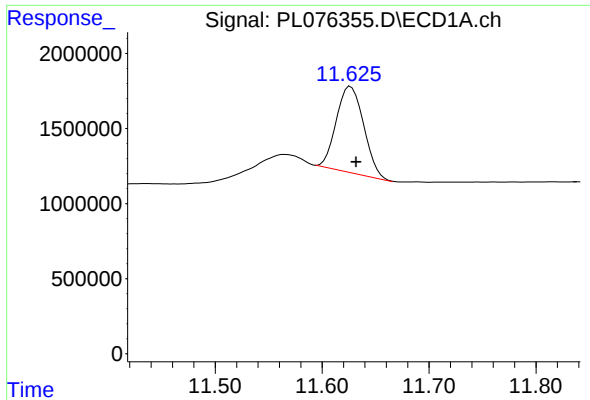
#21 Endrin ketone

R.T.: 10.166 min
Delta R.T.: 0.000 min
Response: 2377697
Conc: 3.52 ng/ml



#21 Endrin ketone

R.T.: 9.272 min
Delta R.T.: -0.003 min
Response: 4070652
Conc: 2.42 ng/ml



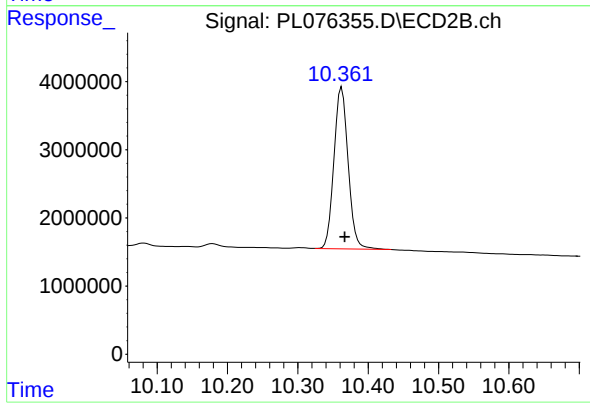
#28 Decachlorobiphenyl

R.T.: 11.625 min
Delta R.T.: -0.007 min
Response: 10236157
Conc: 17.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 10.362 min
Delta R.T.: -0.004 min
Response: 33237516
Conc: 19.81 ng/ml