

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
 Data File : PL077617.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2022 09:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/13/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 14:01:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 14:34:08 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...	3.418	2.630	37400478	56552900	21.874	21.372
28)	SA Decachlor...	8.907	7.728	30744437	45388024	20.498	23.015
Target Compounds							
2)	A alpha-BHC	3.882	3.122	25695159	43050899	10.012	10.750
3)	MA gamma-BHC...	4.218	3.446	24783982	39031134	10.357	12.485
6)	B beta-BHC	4.430	3.745	11760013	17156618	11.462	11.988
14)	MA Endrin	6.462	5.452	75720855	124.9E6	50.012	60.572
16)	A 4,4'-DDD	6.604	5.610	2829216	5749467	2.142	2.791 #
17)	MA 4,4'-DDT	6.914	5.858	152.5E6	238.5E6	96.176	111.721
18)	B Endrin al...	6.821	5.928	2064726	4506805	1.770	2.591 #
20)	A Methoxychlor	7.395	6.435	197.1E6	290.7E6	248.483	247.403
21)	B Endrin ke...	7.541	6.648	5596453	9733795	3.625m	4.013m

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

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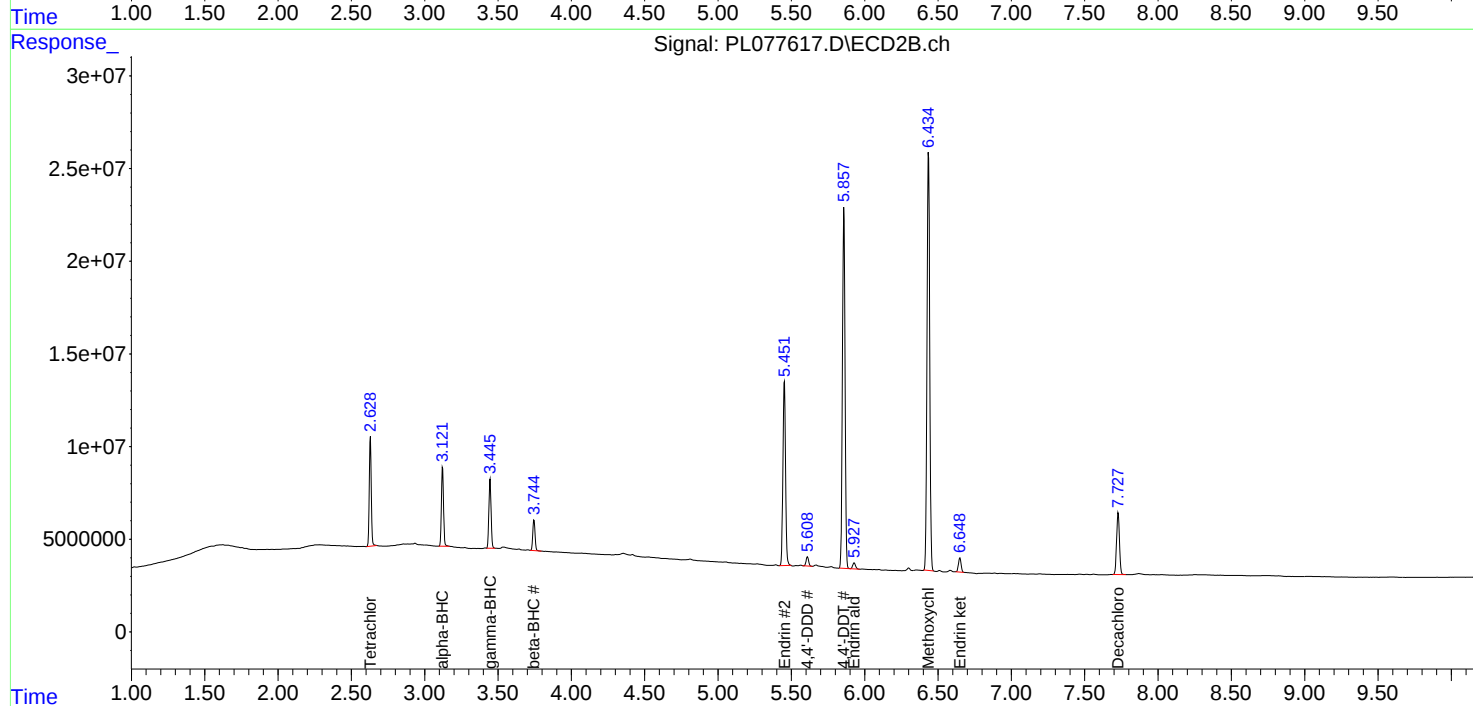
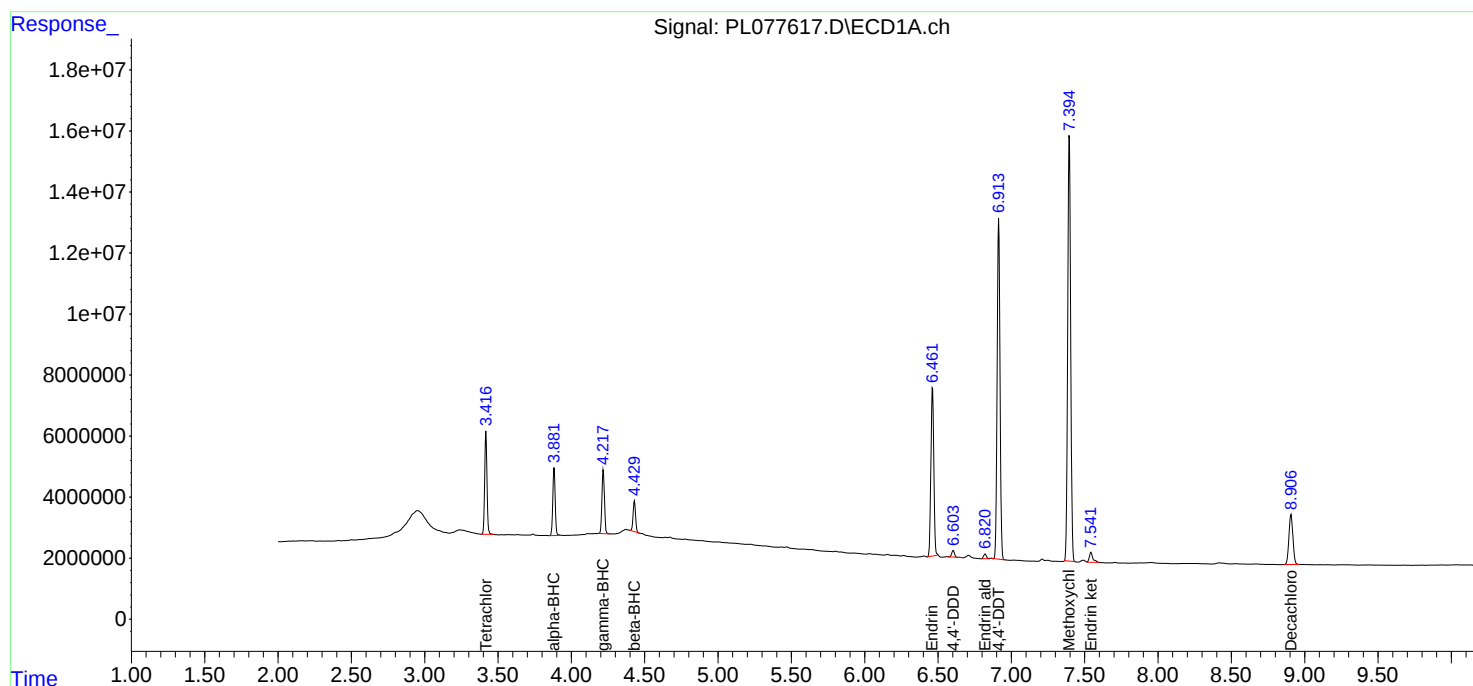
Instrument :
ECD_L
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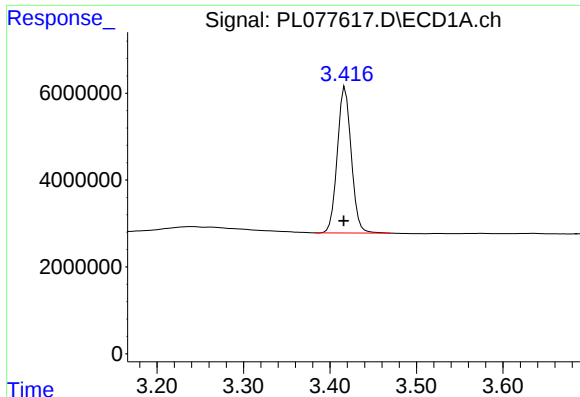
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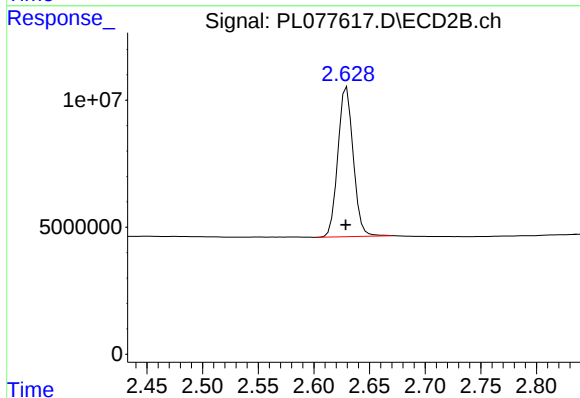
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: 0.002 min
Response: 37400478
Conc: 21.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

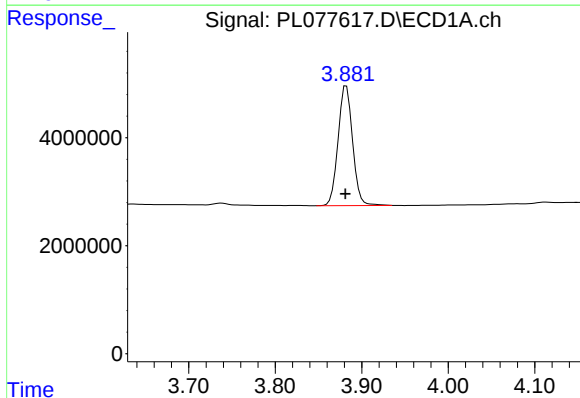
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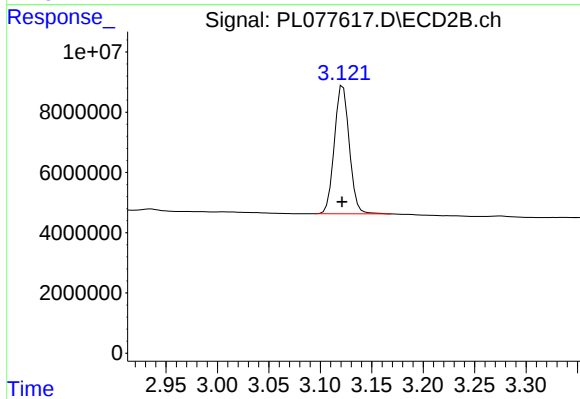
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: 0.000 min
Response: 56552900
Conc: 21.37 ng/ml



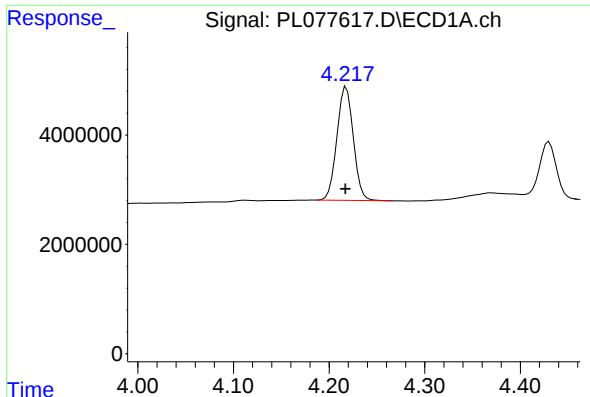
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.001 min
Response: 25695159
Conc: 10.01 ng/ml



#2 alpha-BHC

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 43050899
Conc: 10.75 ng/ml



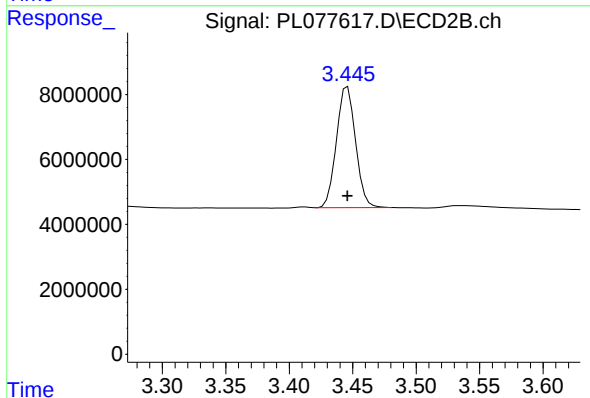
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 24783982
Conc: 10.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

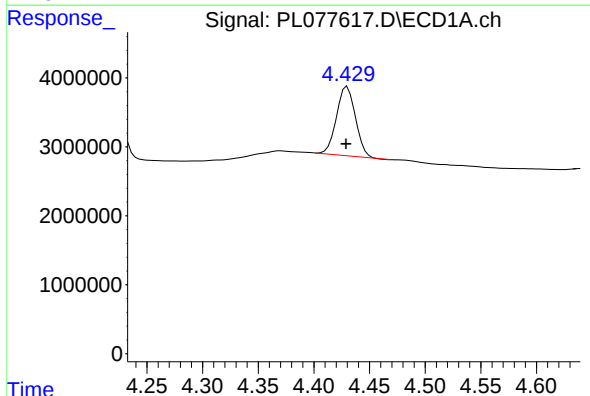
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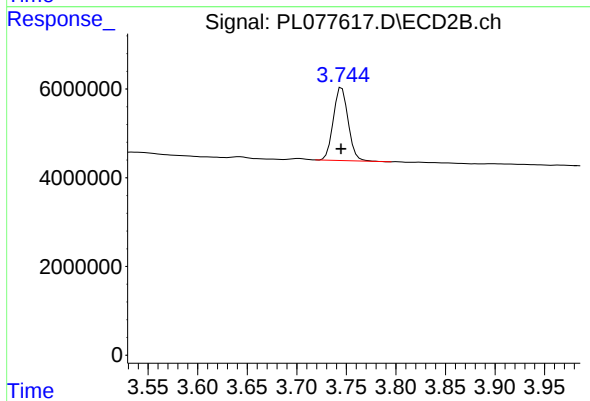
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: 0.000 min
Response: 39031134
Conc: 12.49 ng/ml



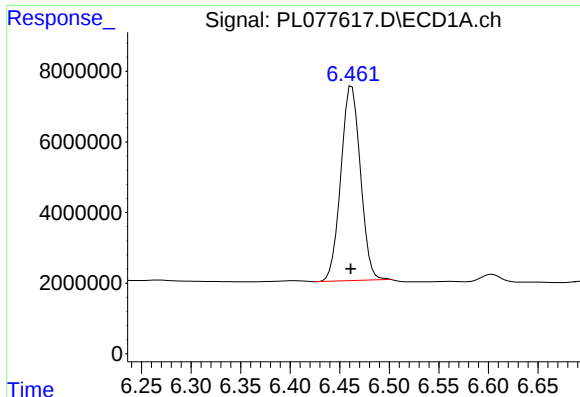
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.001 min
Response: 11760013
Conc: 11.46 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 17156618
Conc: 11.99 ng/ml



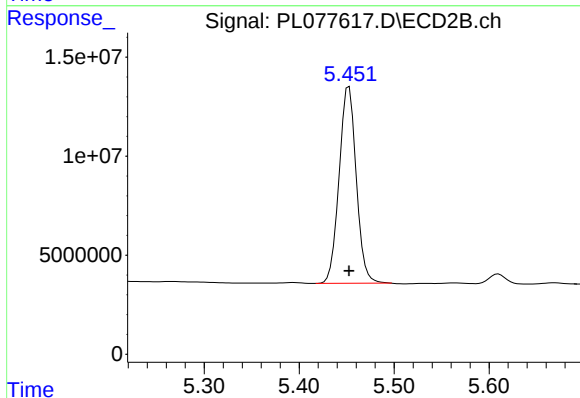
#14 Endrin

R.T.: 6.462 min
Delta R.T.: 0.001 min
Response: 75720855
Conc: 50.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

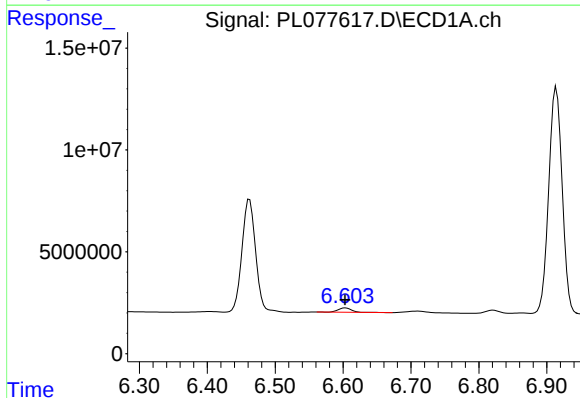
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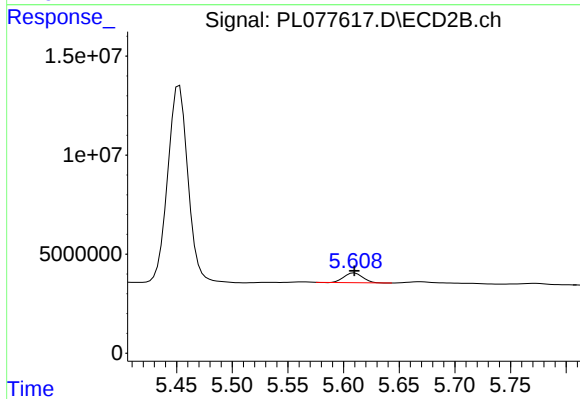
#14 Endrin

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 124862292
Conc: 60.57 ng/ml



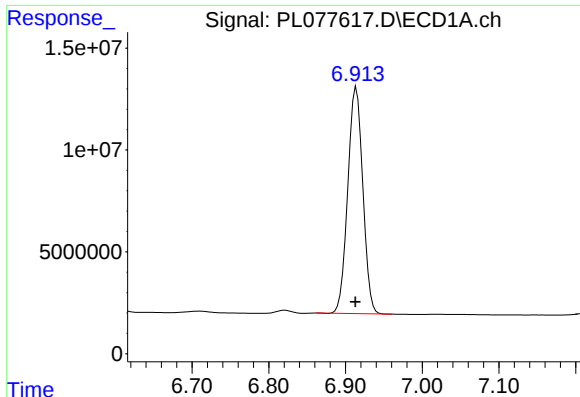
#16 4,4'-DDD

R.T.: 6.604 min
Delta R.T.: 0.001 min
Response: 2829216
Conc: 2.14 ng/ml



#16 4,4'-DDD

R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 5749467
Conc: 2.79 ng/ml



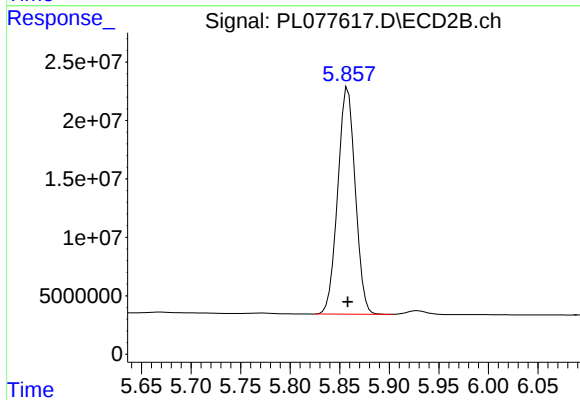
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: 0.001 min
Response: 152476731
Conc: 96.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

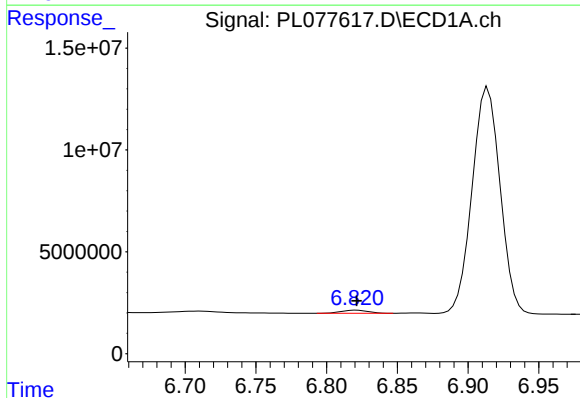
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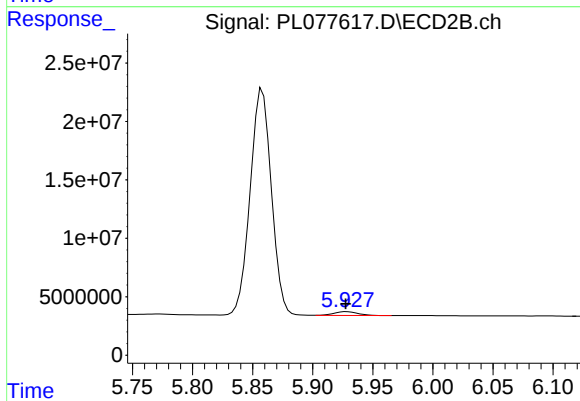
#17 4,4'-DDT

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 238489512
Conc: 111.72 ng/ml



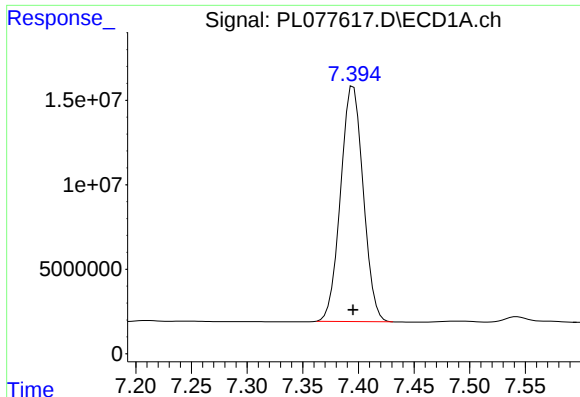
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 2064726
Conc: 1.77 ng/ml



#18 Endrin aldehyde

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 4506805
Conc: 2.59 ng/ml



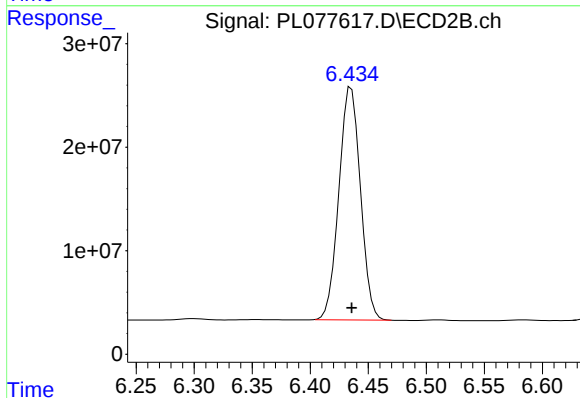
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 197100331
Conc: 248.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

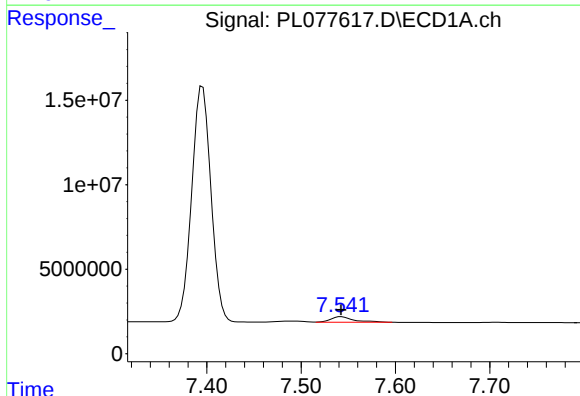
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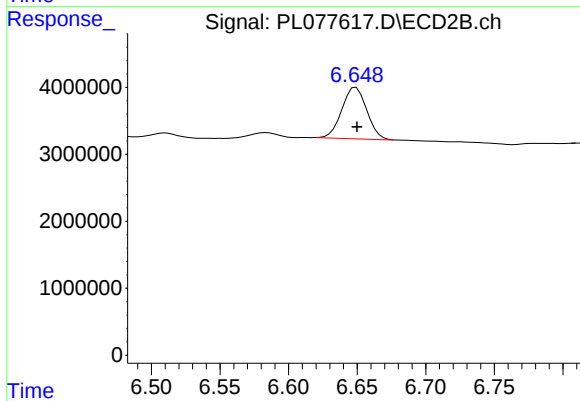
#20 Methoxychlor

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 290717471
Conc: 247.40 ng/ml



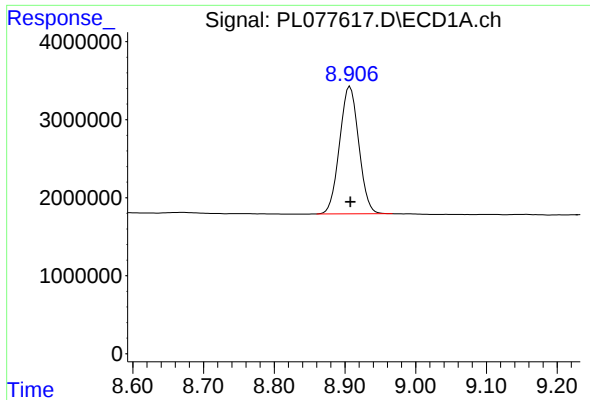
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 5596453
Conc: 3.63 ng/ml m



#21 Endrin ketone

R.T.: 6.648 min
Delta R.T.: -0.002 min
Response: 9733795
Conc: 4.01 ng/ml m



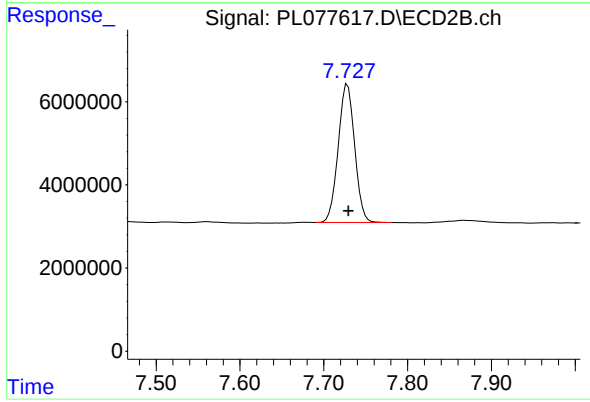
#28 Decachlorobiphenyl

R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 30744437
Conc: 20.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.728 min
Delta R.T.: -0.001 min
Response: 45388024
Conc: 23.02 ng/ml