

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102722\
 Data File : PL078565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2022 18:13
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/27/2022
 Supervised By : Ankita Jodhani 10/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 21:43:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.322	2.571	38688443	54806461	20.287	21.466
28)	SA Decachlor...	8.775	7.642	31326482	41394016	20.824	21.854
Target Compounds							
2)	A alpha-BHC	3.783	3.058	27933782	41820167	9.728	10.590
3)	MA gamma-BHC...	4.116	3.379	26660949	39543226	9.979	11.002
6)	B beta-BHC	4.330	3.679	12454610	18709355	10.812	13.039
14)	MA Endrin	6.352	5.371	107.4E6	145.1E6	56.606	55.710
16)	A 4,4'-DDD	6.498	5.530	729348	1459842	0.438m	0.665m#
17)	MA 4,4'-DDT	6.809	5.778	192.6E6	246.2E6	107.459	113.488
18)	B Endrin al...	6.714	5.846	1553281	3017658	1.068	1.608m#
20)	A Methoxychlor	7.294	6.355	248.6E6	302.3E6	269.999	266.384
21)	B Endrin ke...	7.431	6.564	3156915	3651855	1.678	1.413m

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

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ALS Vial : 3 Sample Multiplier: 1

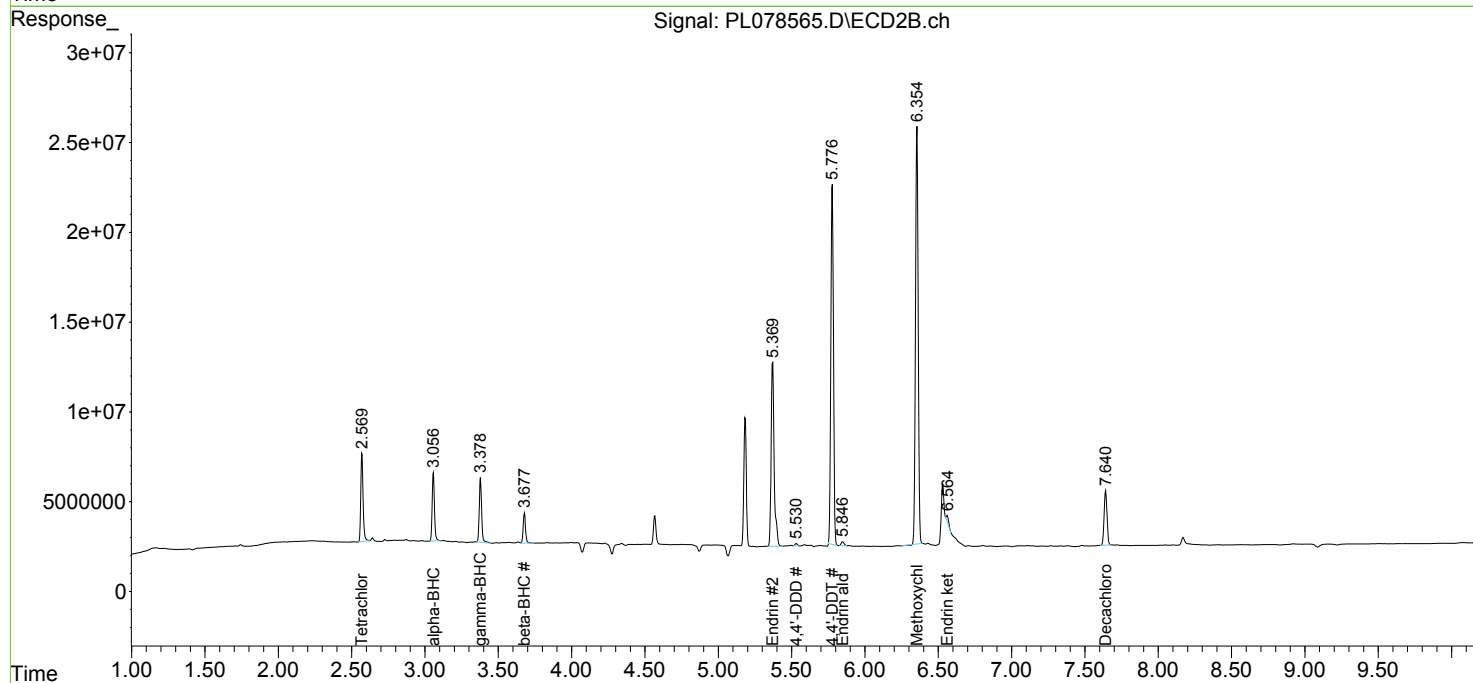
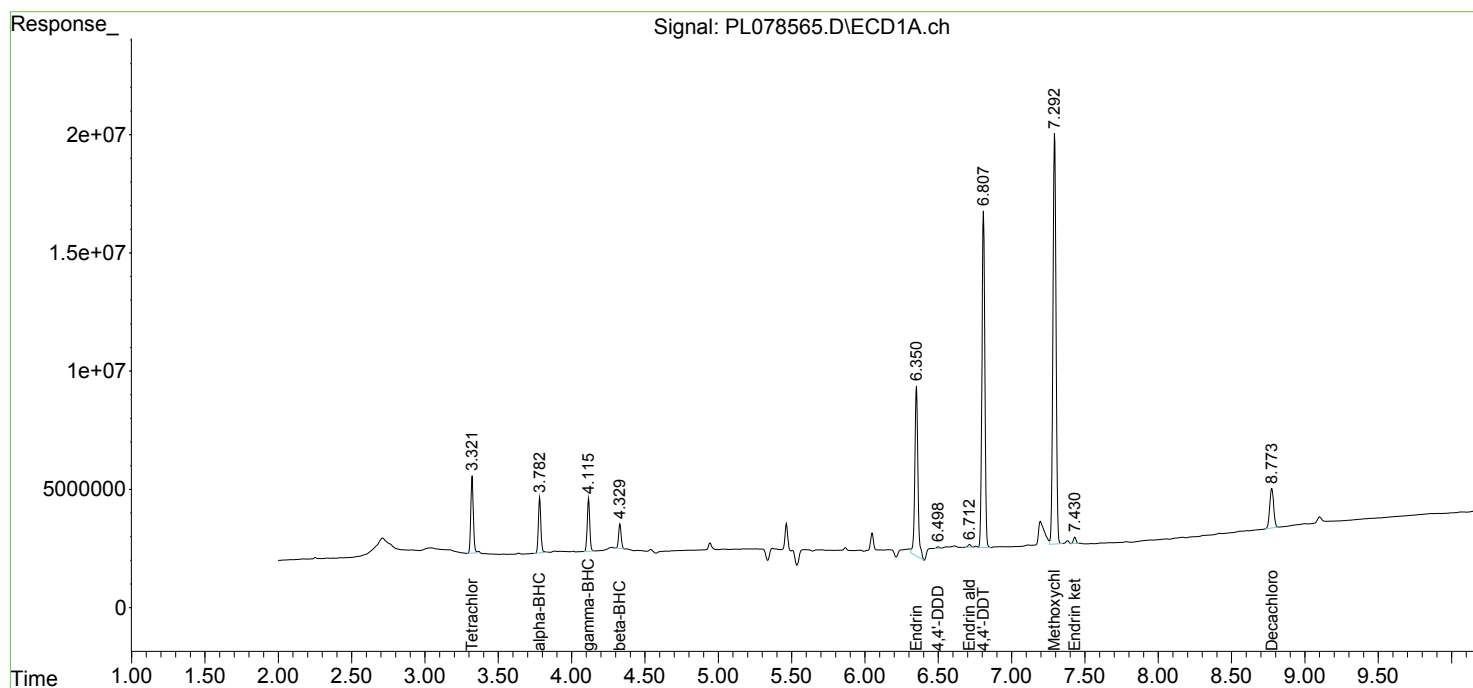
Instrument :
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ClientSampleId :
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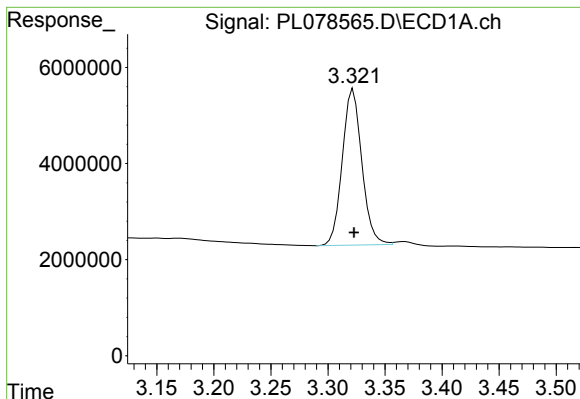
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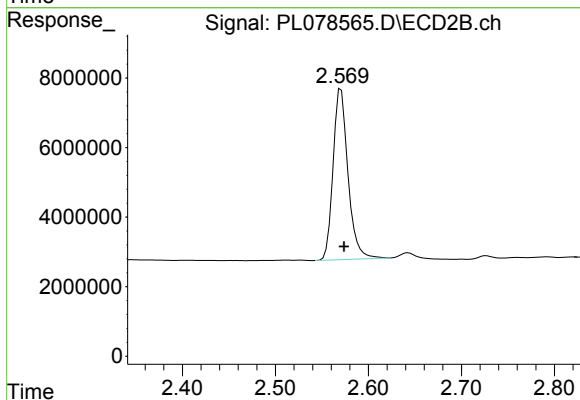
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 38688443
Conc: 20.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

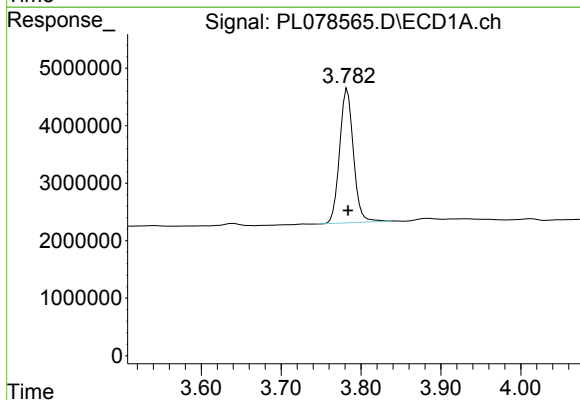
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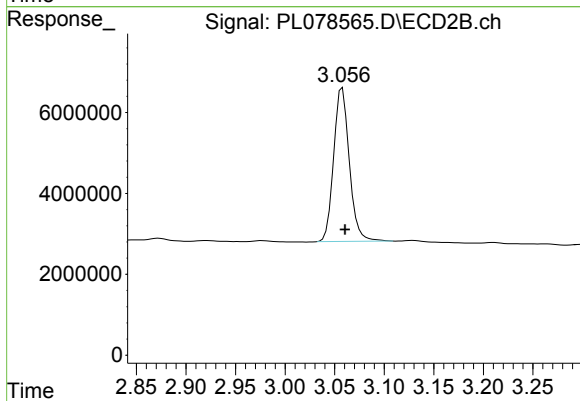
#1 Tetrachloro-m-xylene

R.T.: 2.571 min
Delta R.T.: -0.003 min
Response: 54806461
Conc: 21.47 ng/ml



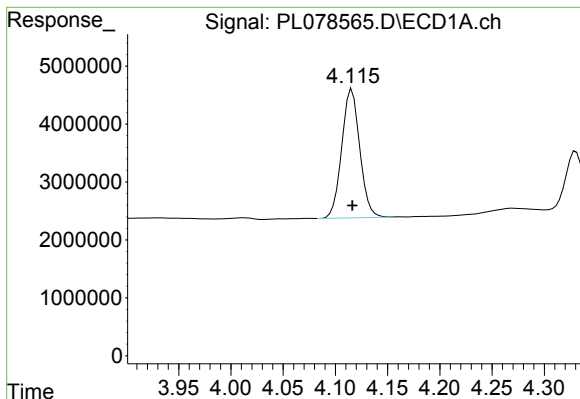
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 27933782
Conc: 9.73 ng/ml



#2 alpha-BHC

R.T.: 3.058 min
Delta R.T.: -0.003 min
Response: 41820167
Conc: 10.59 ng/ml



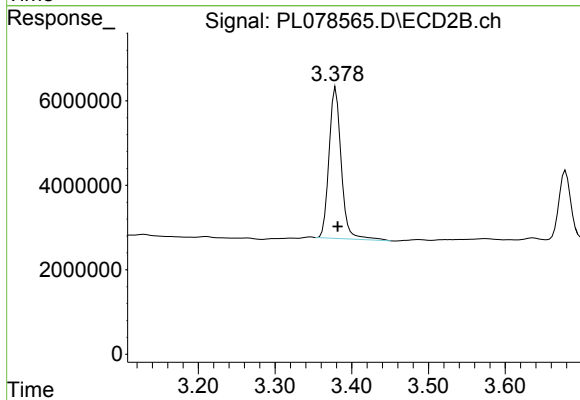
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 26660949
Conc: 9.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

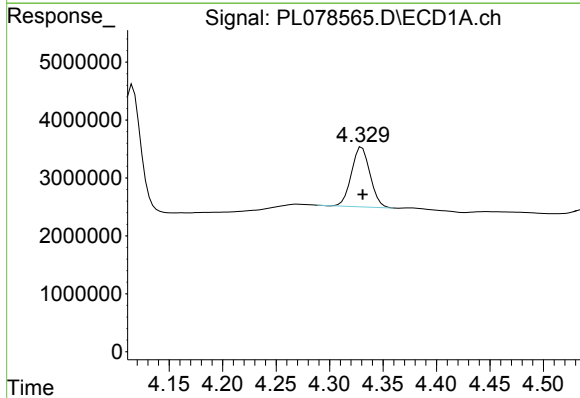
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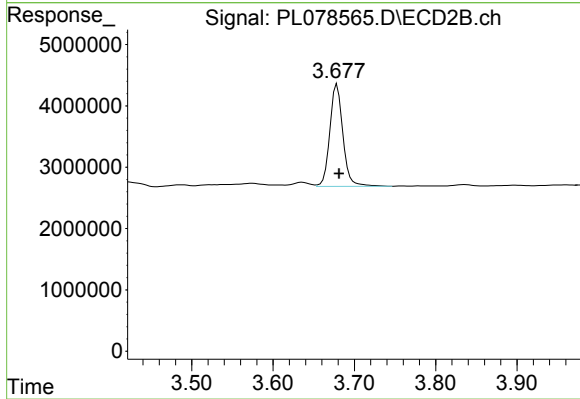
#3 gamma-BHC (Lindane)

R.T.: 3.379 min
Delta R.T.: -0.002 min
Response: 39543226
Conc: 11.00 ng/ml



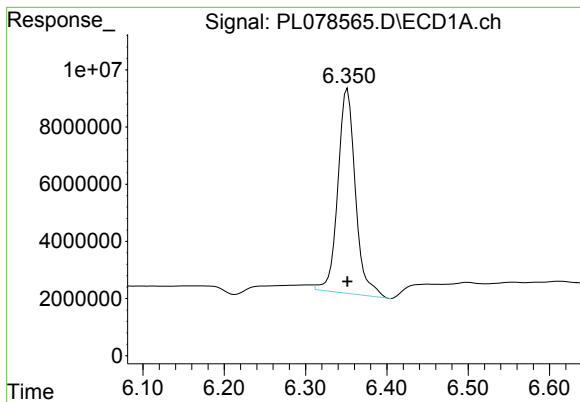
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 12454610
Conc: 10.81 ng/ml



#6 beta-BHC

R.T.: 3.679 min
Delta R.T.: -0.002 min
Response: 18709355
Conc: 13.04 ng/ml



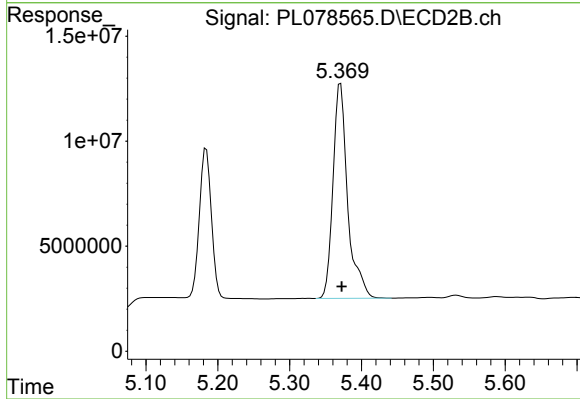
#14 Endrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 107428341
Conc: 56.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

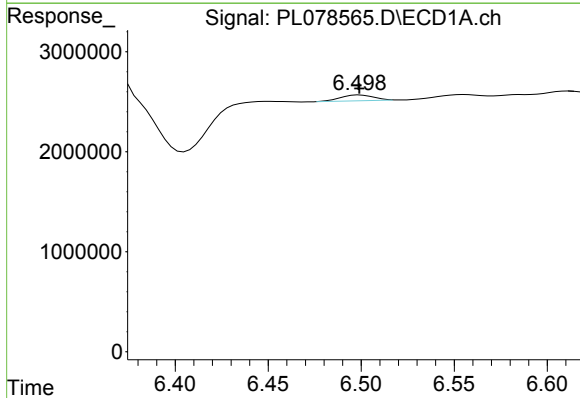
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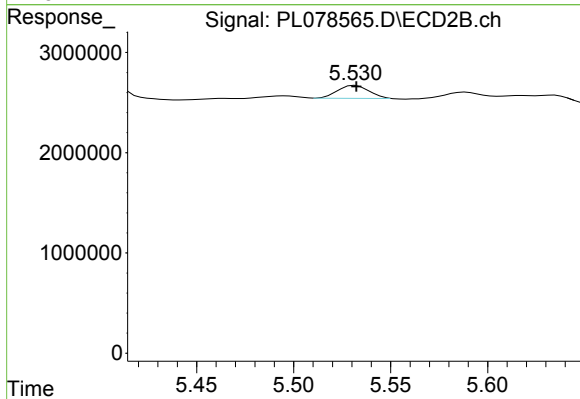
#14 Endrin

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 145138734
Conc: 55.71 ng/ml



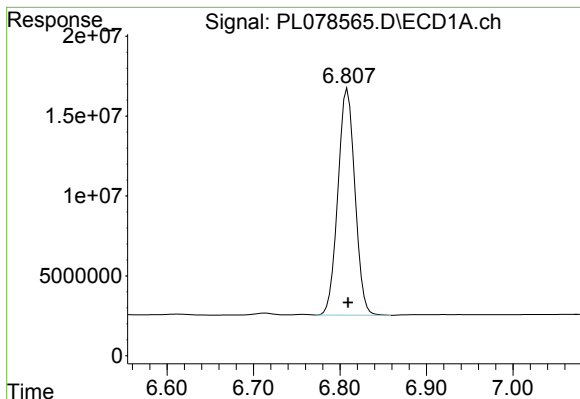
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: -0.001 min
Response: 729348
Conc: 0.44 ng/ml m



#16 4,4'-DDD

R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 1459842
Conc: 0.66 ng/ml m



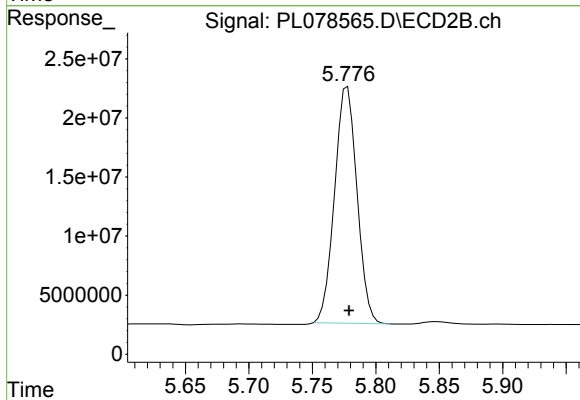
#17 4,4'-DDT

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 192601935
Conc: 107.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

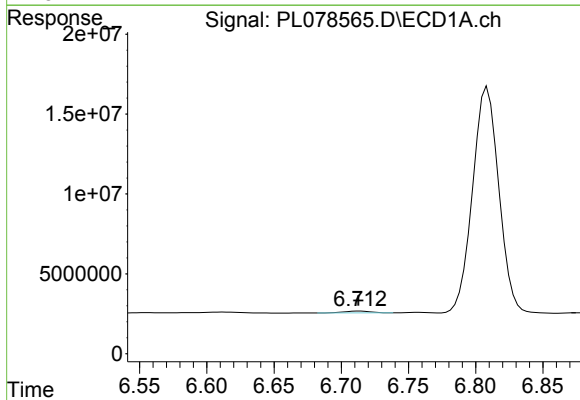
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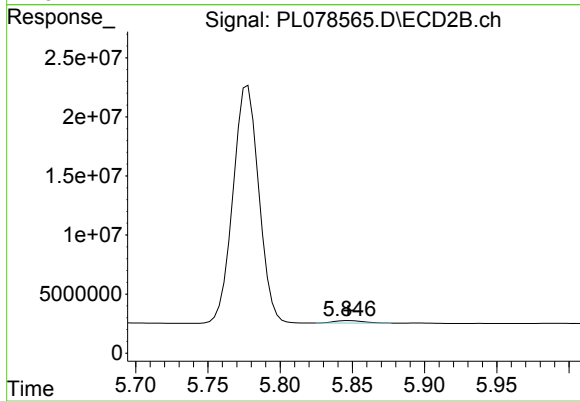
#17 4,4'-DDT

R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 246169027
Conc: 113.49 ng/ml



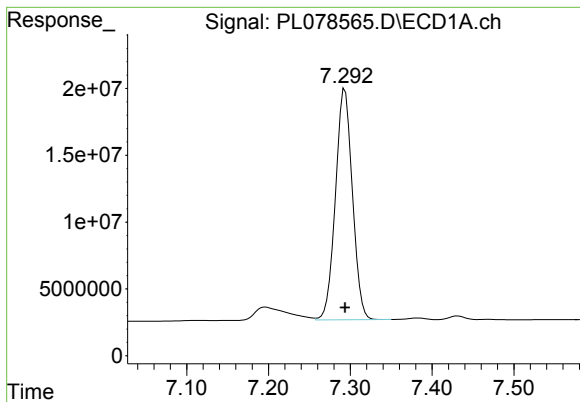
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1553281
Conc: 1.07 ng/ml



#18 Endrin aldehyde

R.T.: 5.846 min
Delta R.T.: -0.001 min
Response: 3017658
Conc: 1.61 ng/ml m



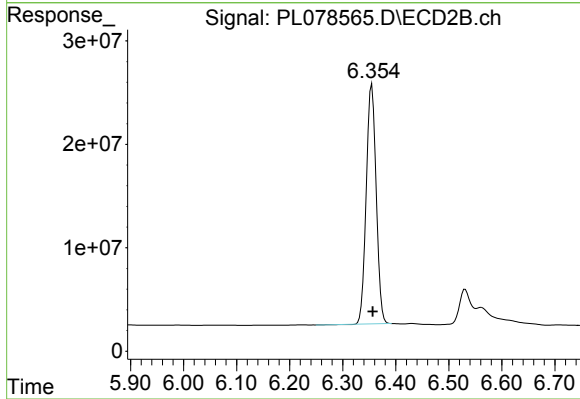
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 248638483
Conc: 270.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

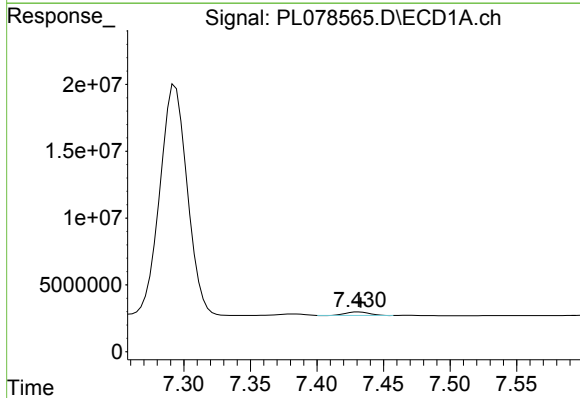
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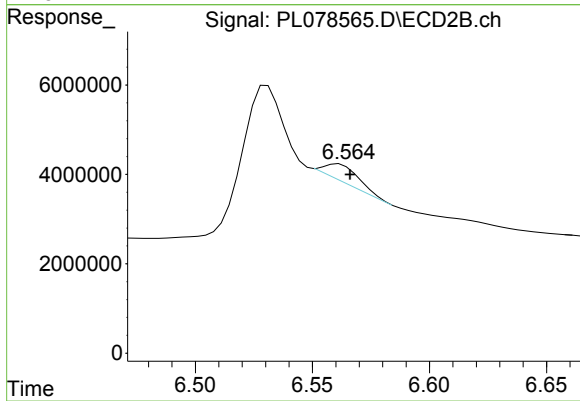
#20 Methoxychlor

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 302292204
Conc: 266.38 ng/ml



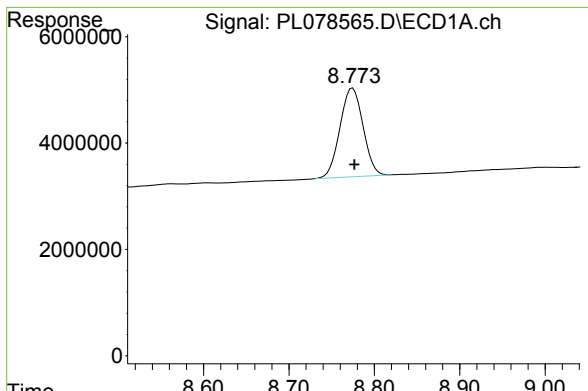
#21 Endrin ketone

R.T.: 7.431 min
Delta R.T.: -0.001 min
Response: 3156915
Conc: 1.68 ng/ml



#21 Endrin ketone

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 3651855
Conc: 1.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.775 min

Delta R.T.: -0.002 min

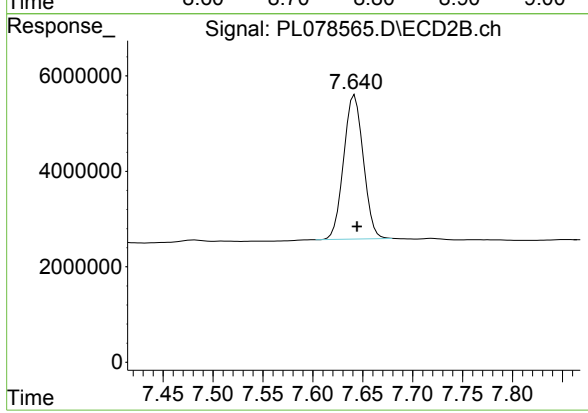
Response: 31326482

Conc: 20.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.642 min

Delta R.T.: -0.003 min

Response: 41394016

Conc: 21.85 ng/ml