

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102722\
 Data File : PL078550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2022 11:14
 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 21:39:03 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...	3.323	2.572	38474921	53266212	20.175	20.863
28)	SA Decachlor...	8.776	7.643	31209333	40237761	20.746	21.244
Target Compounds							
2)	A alpha-BHC	3.784	3.060	27049247	39628941	9.420	10.035
3)	MA gamma-BHC...	4.116	3.381	25900081	32946304	9.694	9.167
6)	B beta-BHC	4.331	3.680	12408778	18363535	10.772	12.798
14)	MA Endrin	6.352	5.373	100.9E6	128.7E6	53.170	49.405
16)	A 4,4'-DDD	6.498	5.533	226798	415646	0.136m	0.189m#
17)	MA 4,4'-DDT	6.810	5.779	190.6E6	236.5E6	106.335	109.013
18)	B Endrin al...	6.713	5.850	1498621	3242161	1.030	1.728 #
20)	A Methoxychlor	7.294	6.355	268.5E6	296.5E6	291.563	261.301m
21)	B Endrin ke...	7.431	6.565	3288359	2697670	1.748m	1.044m#

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

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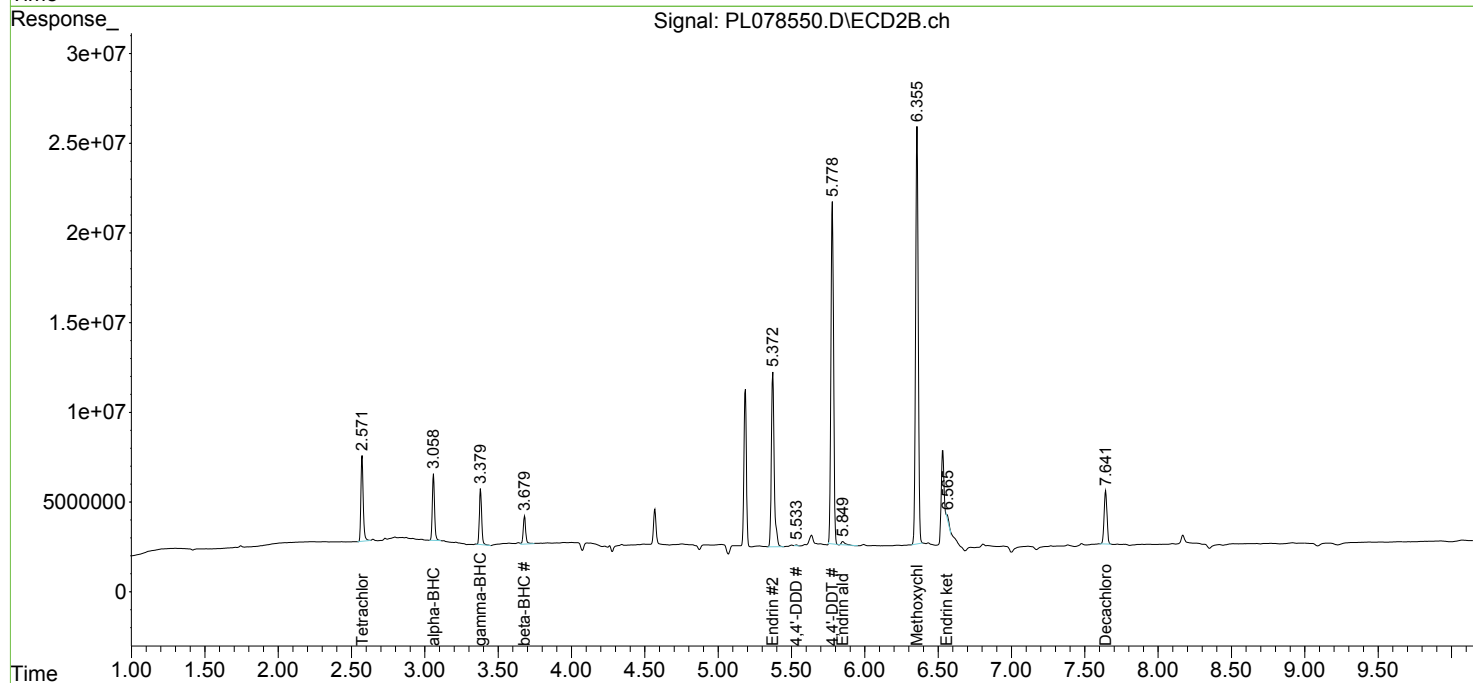
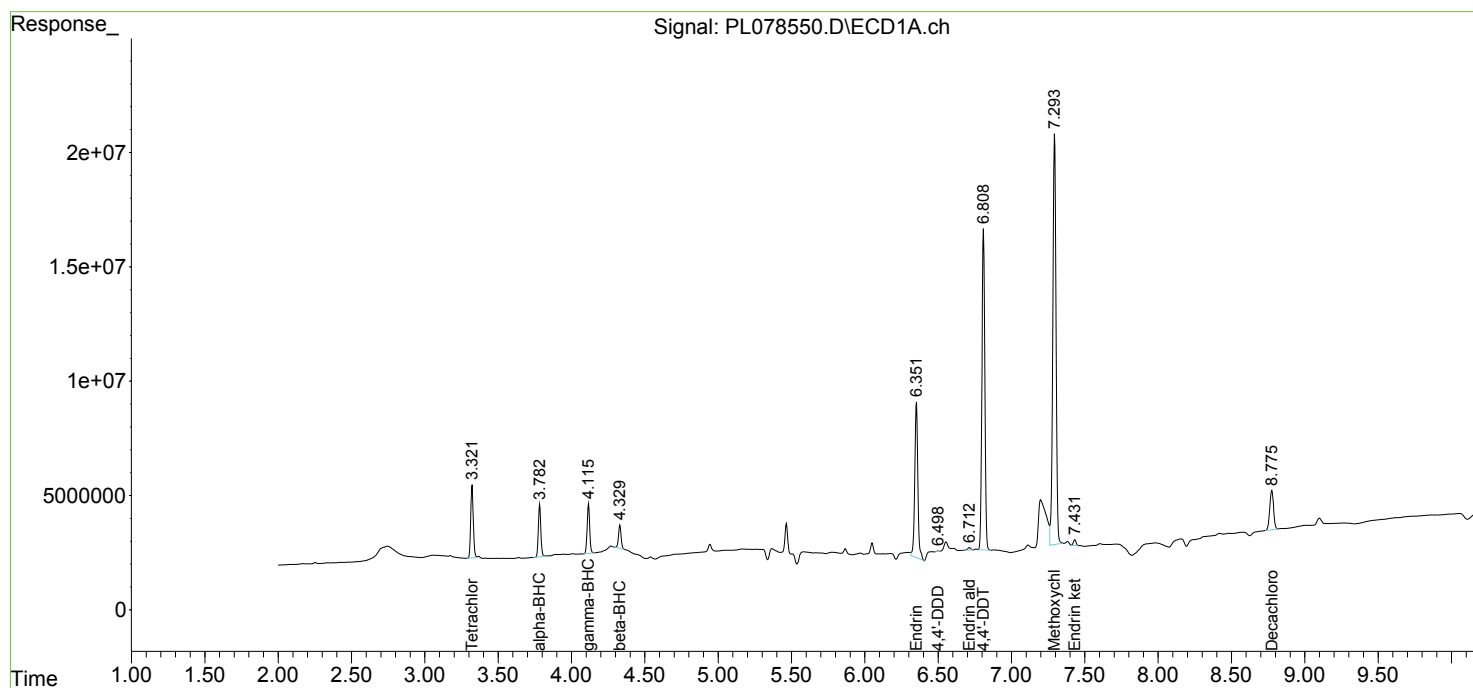
Instrument :
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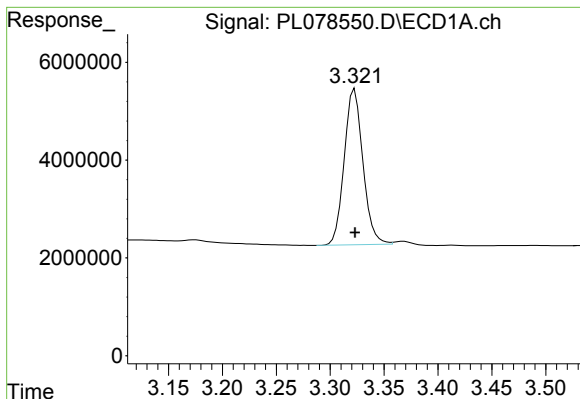
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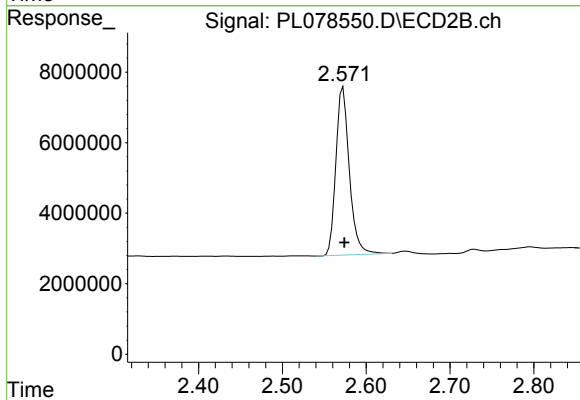
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 38474921
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

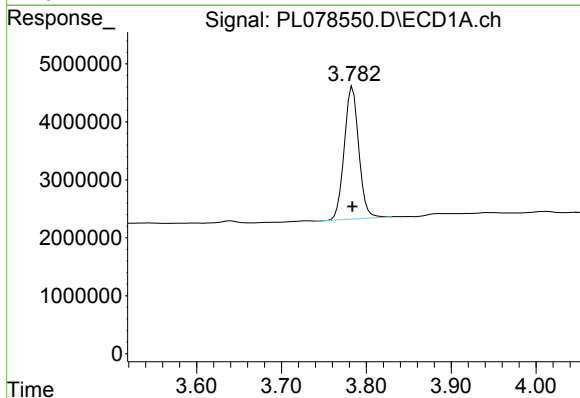
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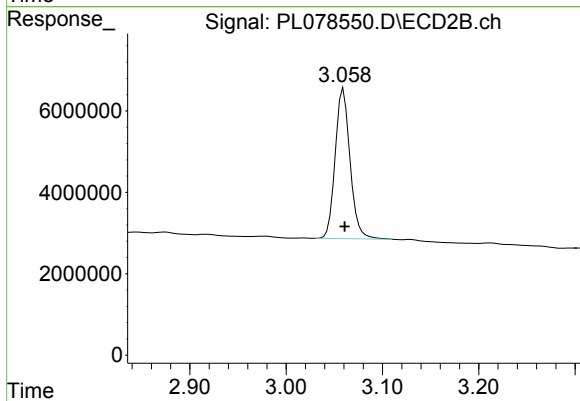
#1 Tetrachloro-m-xylene

R.T.: 2.572 min
Delta R.T.: -0.001 min
Response: 53266212
Conc: 20.86 ng/ml



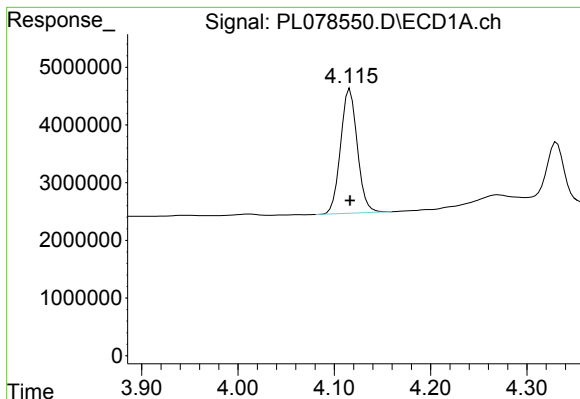
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 27049247
Conc: 9.42 ng/ml



#2 alpha-BHC

R.T.: 3.060 min
Delta R.T.: 0.000 min
Response: 39628941
Conc: 10.04 ng/ml



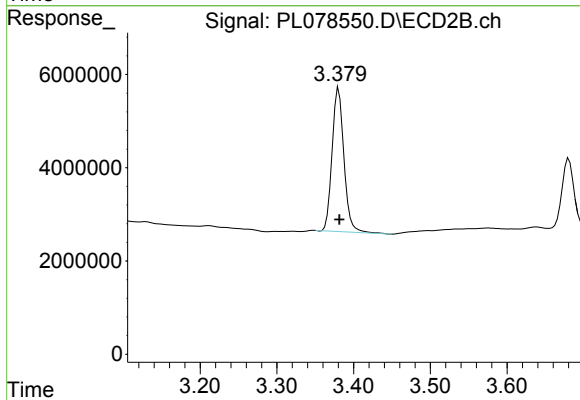
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 25900081
Conc: 9.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

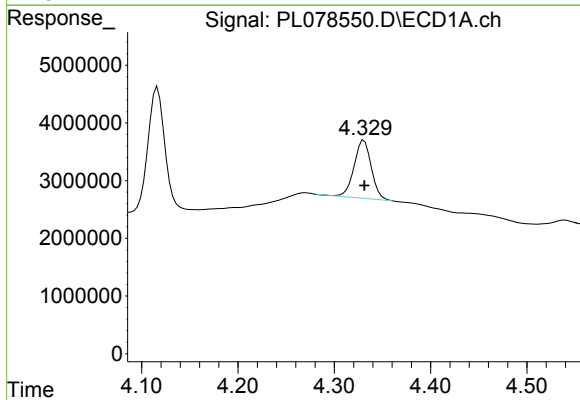
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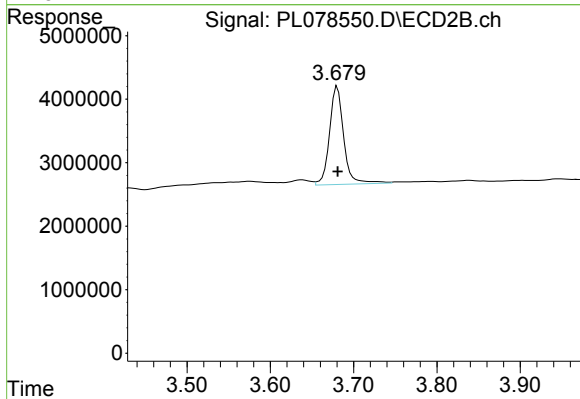
#3 gamma-BHC (Lindane)

R.T.: 3.381 min
Delta R.T.: -0.001 min
Response: 32946304
Conc: 9.17 ng/ml



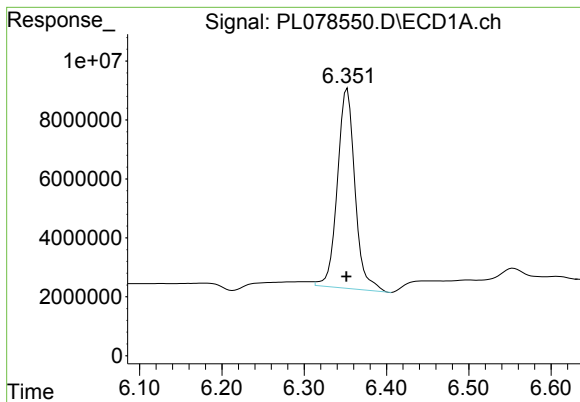
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 12408778
Conc: 10.77 ng/ml



#6 beta-BHC

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 18363535
Conc: 12.80 ng/ml



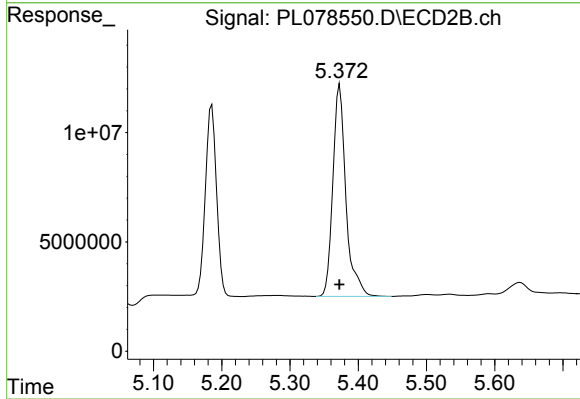
#14 Endrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 100907100
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

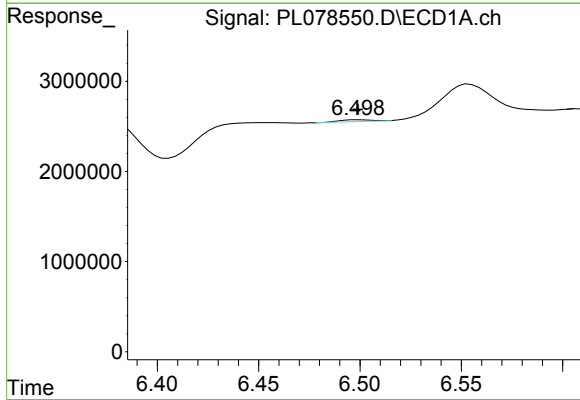
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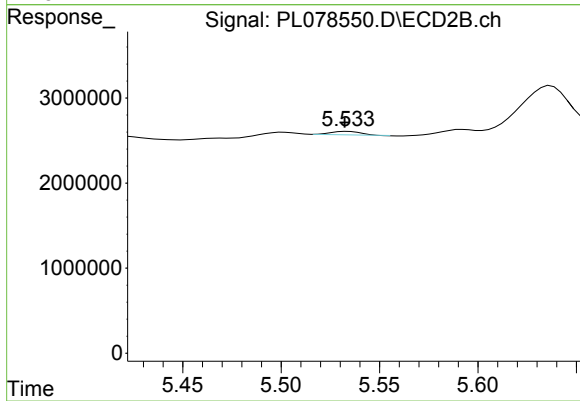
#14 Endrin

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 128711024
Conc: 49.40 ng/ml



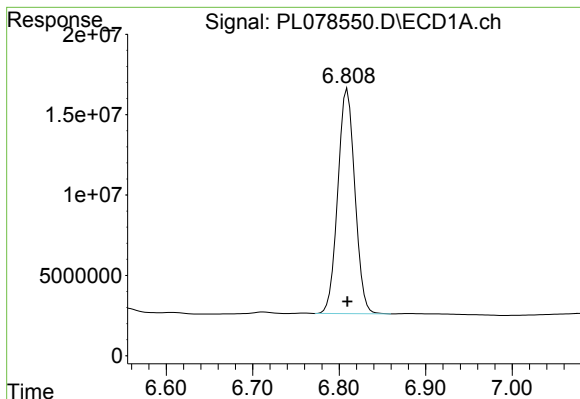
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: -0.001 min
Response: 226798
Conc: 0.14 ng/ml m



#16 4,4'-DDD

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 415646
Conc: 0.19 ng/ml m



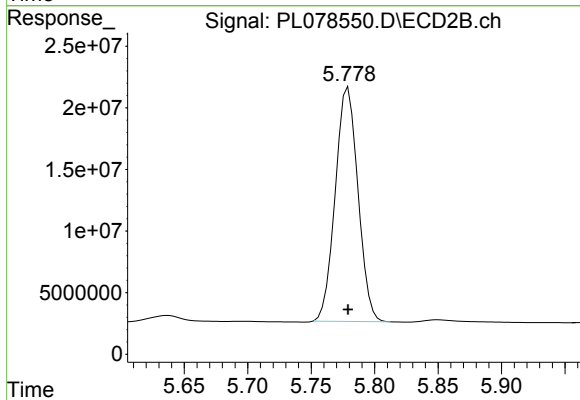
#17 4,4'-DDT

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 190587320
Conc: 106.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

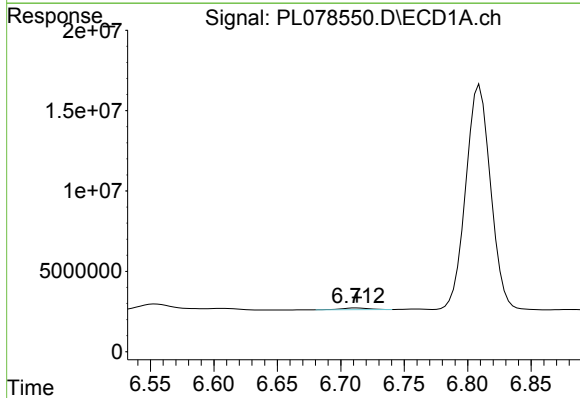
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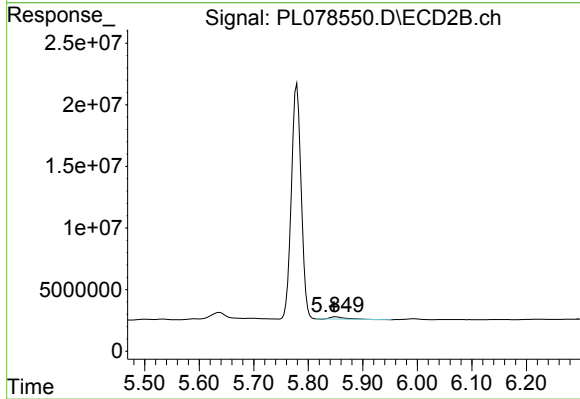
#17 4,4'-DDT

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 236462682
Conc: 109.01 ng/ml



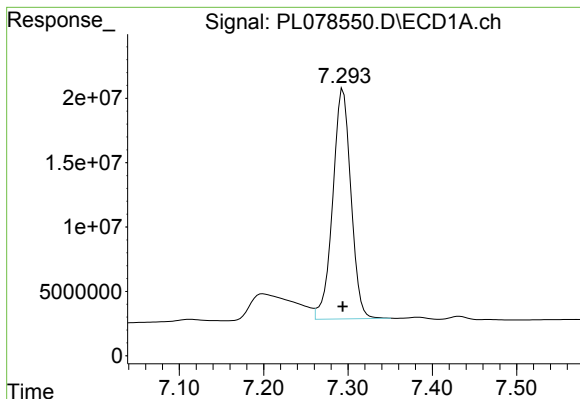
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1498621
Conc: 1.03 ng/ml



#18 Endrin aldehyde

R.T.: 5.850 min
Delta R.T.: 0.003 min
Response: 3242161
Conc: 1.73 ng/ml



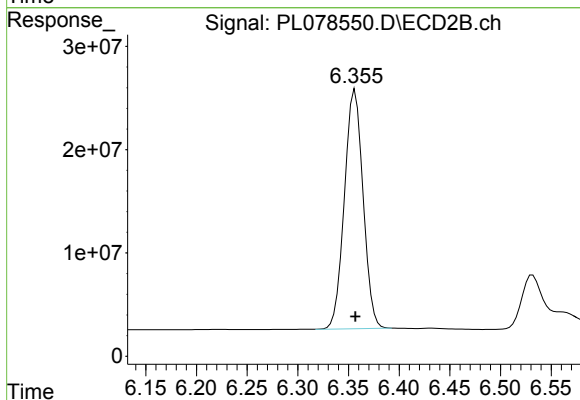
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 268497283
Conc: 291.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

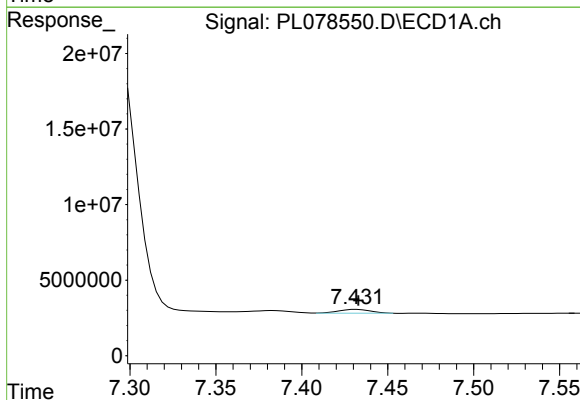
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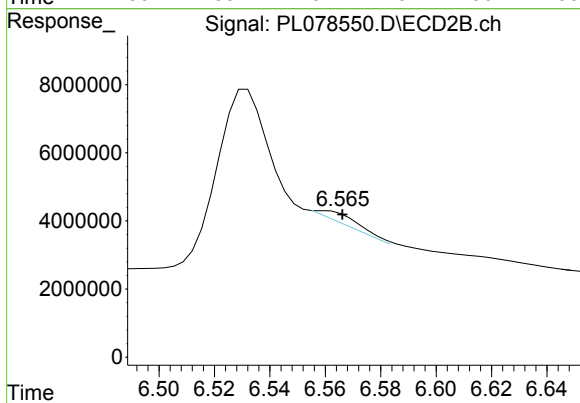
#20 Methoxychlor

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 296523975
Conc: 261.30 ng/ml m



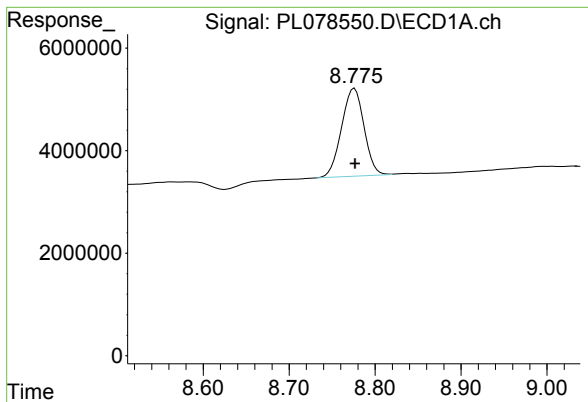
#21 Endrin ketone

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 3288359
Conc: 1.75 ng/ml m



#21 Endrin ketone

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 2697670
Conc: 1.04 ng/ml m



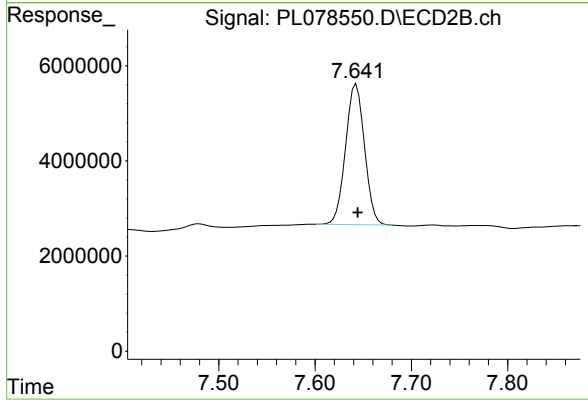
#28 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: 0.000 min
Response: 31209333
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 40237761
Conc: 21.24 ng/ml