

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010323\
 Data File : PL080021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2023 09:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/04/2023
 Supervised By : Ankita Jodhani 01/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 03 20:24:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL123022.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 30 05:17:19 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...	3.367	2.696	30442531	43629366	21.945	23.745
28)	SA Decachlor...	8.819	7.855	34171101	42653736	24.306	25.508
Target Compounds							
2)	A alpha-BHC	3.816	3.198	19934888	27274269	10.401	10.865
3)	MA gamma-BHC...	4.145	3.526	19403776	26547238	11.130	11.114
6)	B beta-BHC	4.340	3.822	10828297	13564858	12.785	12.644
12)	B 4,4'-DDE	6.005	5.164	171591	404421	0.116m	0.222m#
14)	MA Endrin	6.380	5.563	77162710	93654619	58.831	60.510
16)	A 4,4'-DDD	6.524	5.716	1544934	1997896	1.232	1.311m
17)	MA 4,4'-DDT	6.835	5.968	164.1E6	185.7E6	129.386	141.372
18)	B Endrin al...	6.729	6.037	2413081	3467939	2.207	2.577m
20)	A Methoxychlor	7.315	6.548	222.2E6	242.7E6	313.478	315.197
21)	B Endrin ke...	7.444	6.765	4805960	7204320	3.170	3.903

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

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Acq On : 03 Jan 2023 09:40
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Sample : PEM
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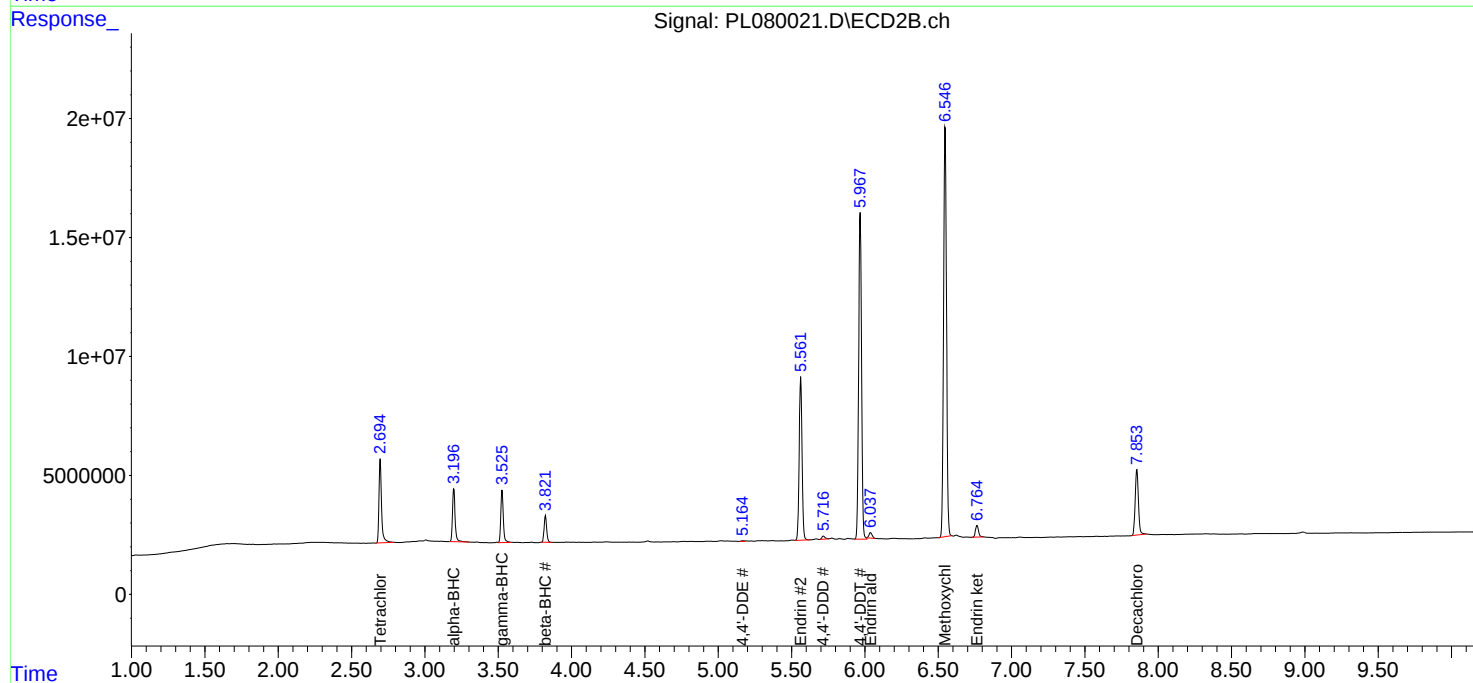
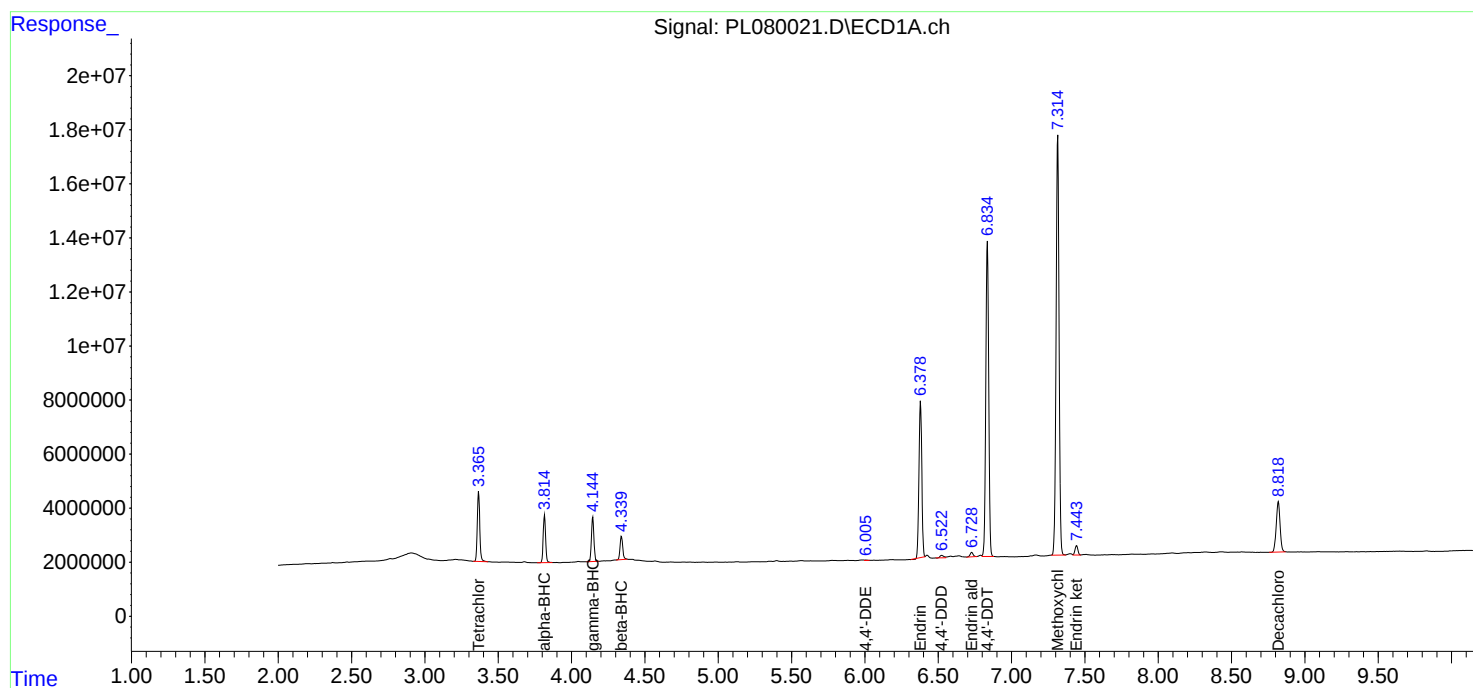
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ECD_L
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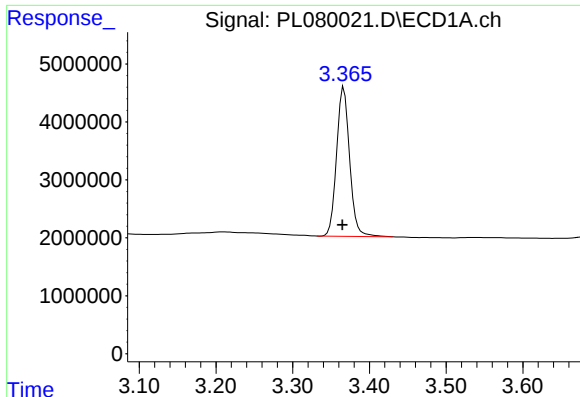
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL123022.M
Quant Title : GC Extractables
QLast Update : Fri Dec 30 05:17:19 2022
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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





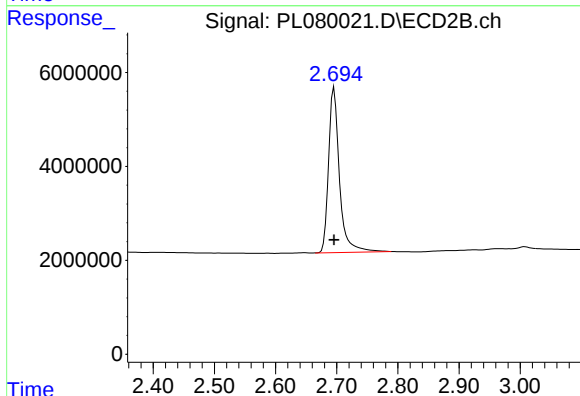
#1 Tetrachloro-m-xylene

R.T.: 3.367 min
Delta R.T.: 0.002 min
Response: 30442531
Conc: 21.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

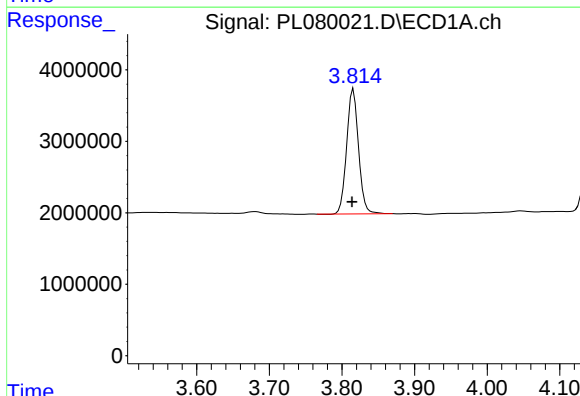
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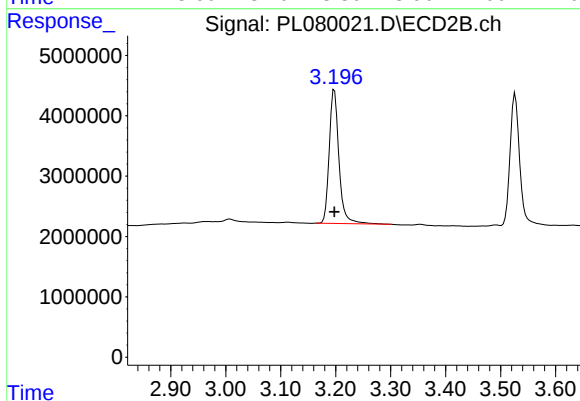
#1 Tetrachloro-m-xylene

R.T.: 2.696 min
Delta R.T.: 0.000 min
Response: 43629366
Conc: 23.74 ng/ml



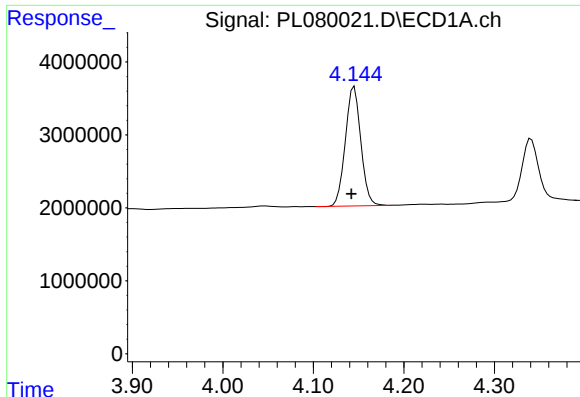
#2 alpha-BHC

R.T.: 3.816 min
Delta R.T.: 0.002 min
Response: 19934888
Conc: 10.40 ng/ml



#2 alpha-BHC

R.T.: 3.198 min
Delta R.T.: 0.000 min
Response: 27274269
Conc: 10.87 ng/ml



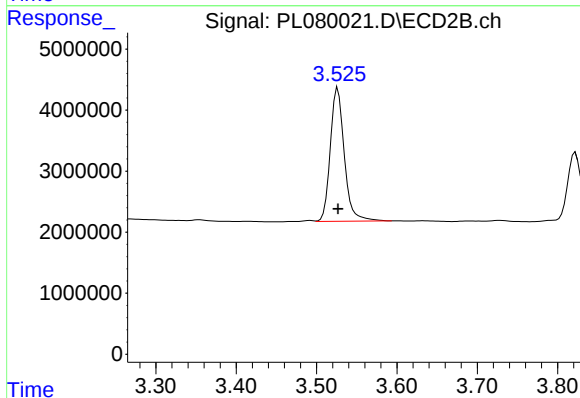
#3 gamma-BHC (Lindane)

R.T.: 4.145 min
Delta R.T.: 0.003 min
Response: 19403776
Conc: 11.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

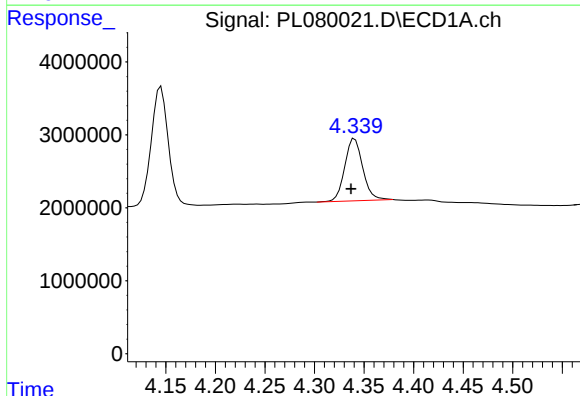
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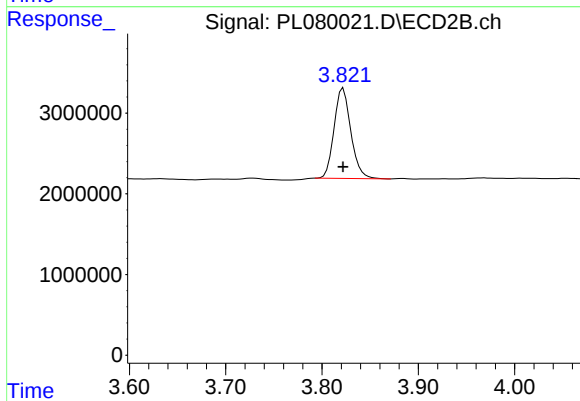
#3 gamma-BHC (Lindane)

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 26547238
Conc: 11.11 ng/ml



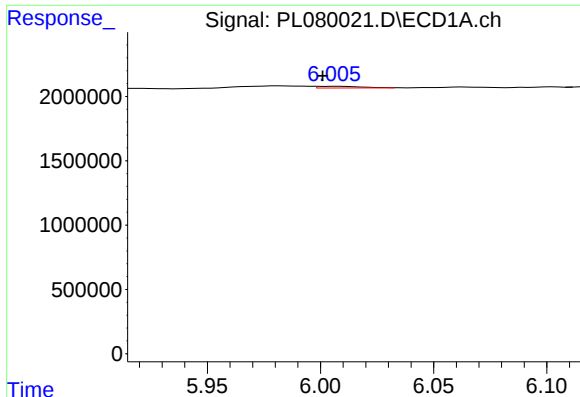
#6 beta-BHC

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 10828297
Conc: 12.78 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 13564858
Conc: 12.64 ng/ml



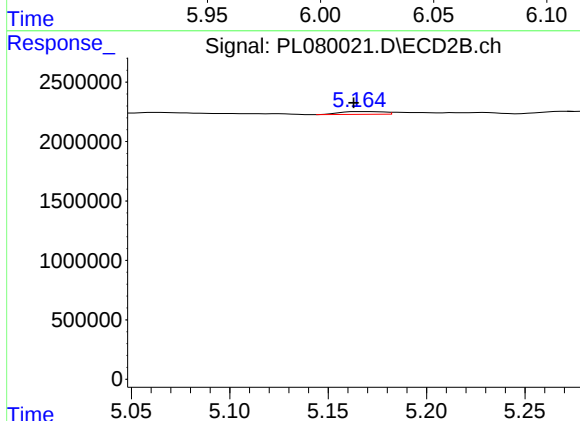
#12 4,4'-DDE

R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 171591
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#12 4,4'-DDE

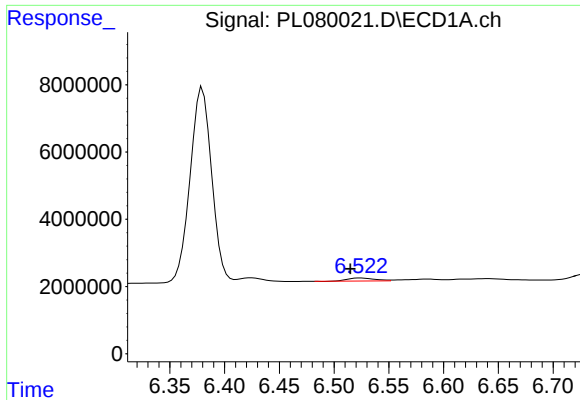
R.T.: 5.164 min
Delta R.T.: 0.001 min
Response: 404421
Conc: 0.22 ng/ml m

#14 Endrin

R.T.: 6.380 min
Delta R.T.: 0.006 min
Response: 77162710
Conc: 58.83 ng/ml

#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.001 min
Response: 93654619
Conc: 60.51 ng/ml



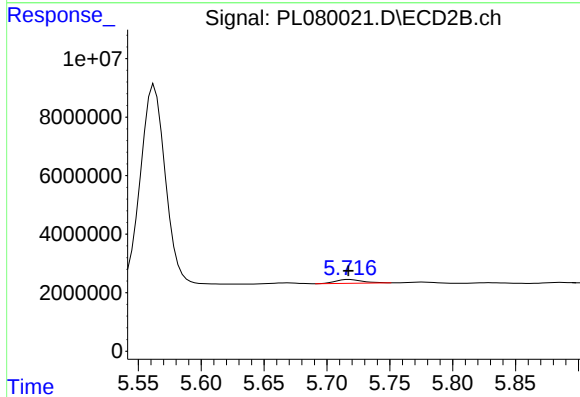
#16 4,4'-DDD

R.T.: 6.524 min
Delta R.T.: 0.009 min
Response: 1544934
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

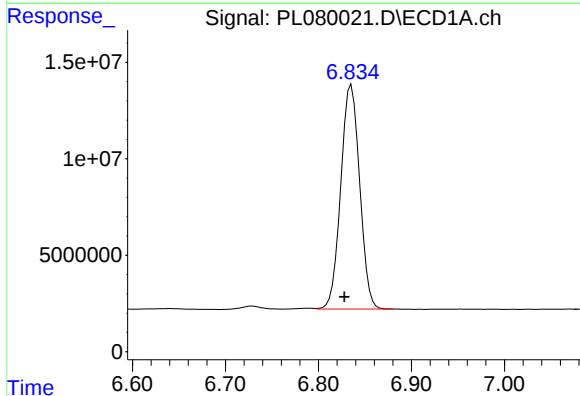
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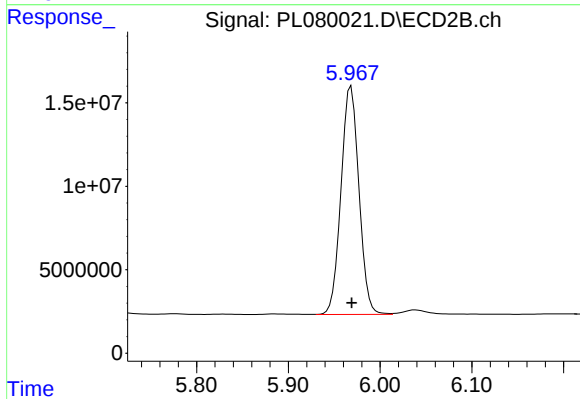
#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 1997896
Conc: 1.31 ng/ml m



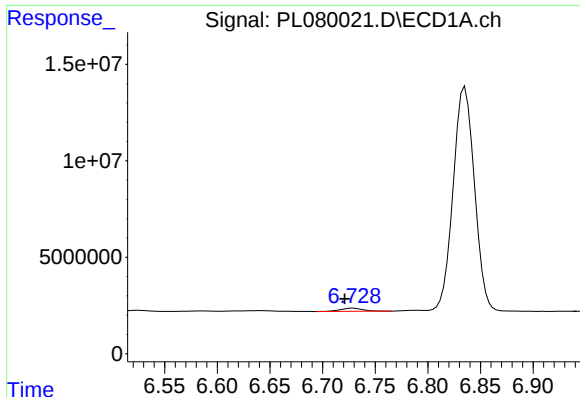
#17 4,4'-DDT

R.T.: 6.835 min
Delta R.T.: 0.007 min
Response: 164117230
Conc: 129.39 ng/ml



#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 185695555
Conc: 141.37 ng/ml



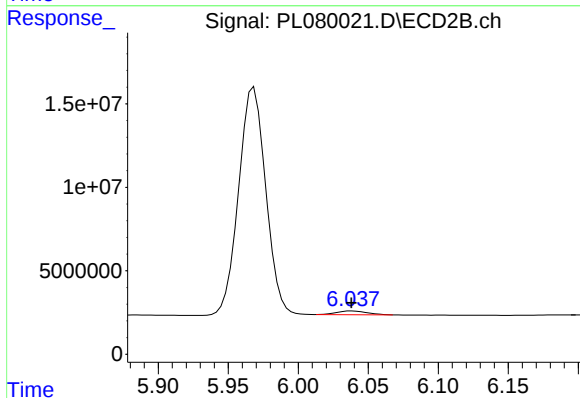
#18 Endrin aldehyde

R.T.: 6.729 min
Delta R.T.: 0.008 min
Response: 2413081
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

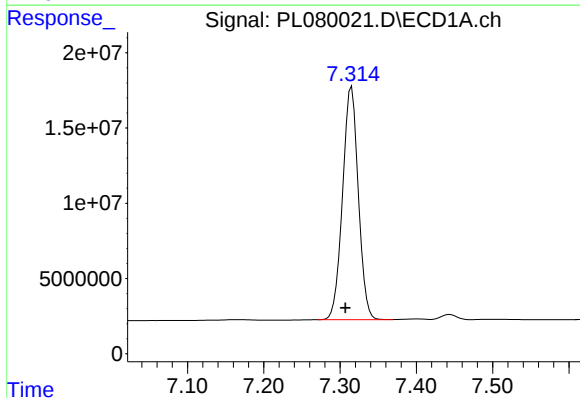
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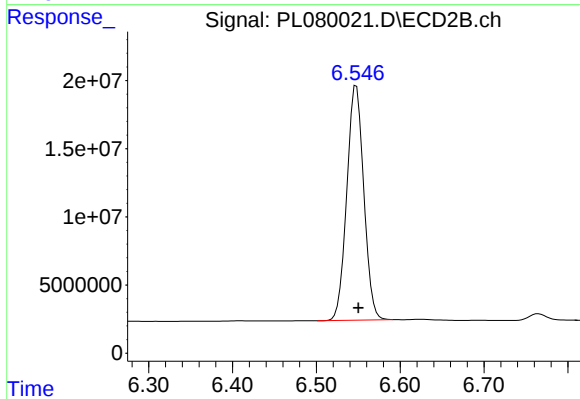
#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 3467939
Conc: 2.58 ng/ml m



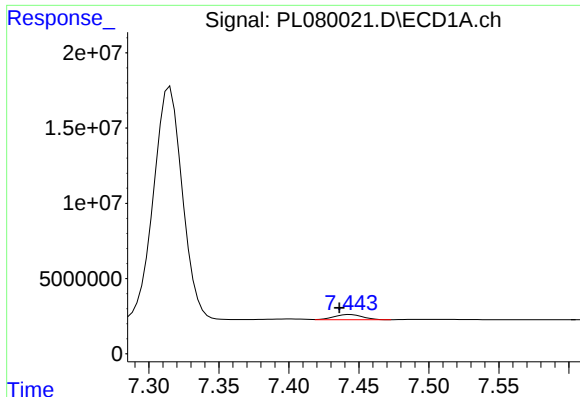
#20 Methoxychlor

R.T.: 7.315 min
Delta R.T.: 0.008 min
Response: 222181524
Conc: 313.48 ng/ml



#20 Methoxychlor

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 242725649
Conc: 315.20 ng/ml



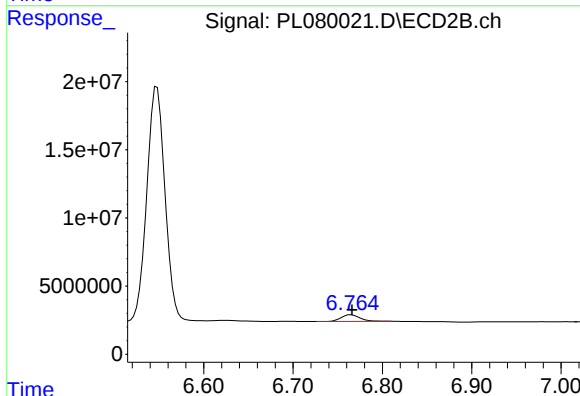
#21 Endrin ketone

R.T.: 7.444 min
Delta R.T.: 0.008 min
Response: 4805960
Conc: 3.17 ng/ml

Instrument :
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ClientSampleId :
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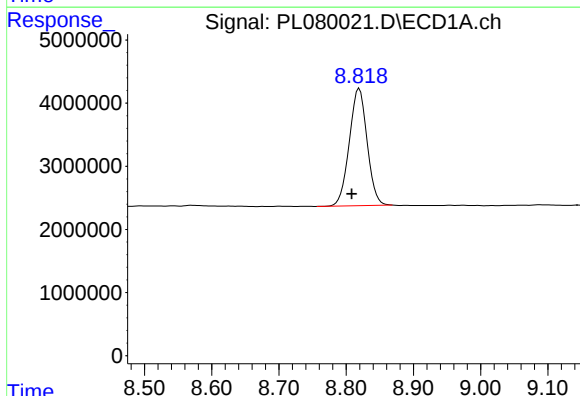
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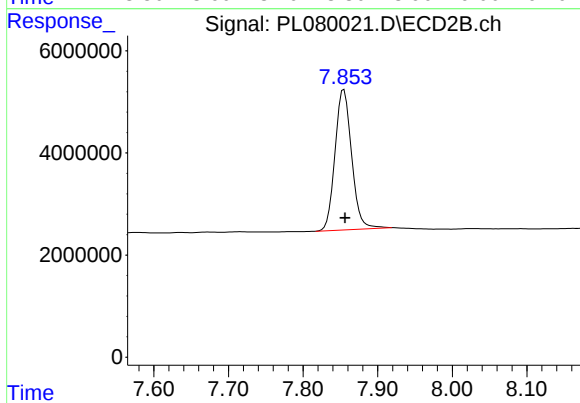
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 7204320
Conc: 3.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.819 min
Delta R.T.: 0.011 min
Response: 34171101
Conc: 24.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.855 min
Delta R.T.: -0.001 min
Response: 42653736
Conc: 25.51 ng/ml