

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122221\
 Data File : PL071562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2021 08:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/23/2021
 Supervised By : Ankita Jodhani 12/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 01:11:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 2021
 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...	4.563	5.500	11181626	28688773	23.590	24.082
28)	SA Decachlor...	10.326	11.394	16806710	27232003	25.296	25.064
Target Compounds							
2)	A alpha-BHC	5.269	6.081	7208431	19753908	11.334	11.487
3)	MA gamma-BHC...	5.693	6.477	6872268	18176436	10.517	11.388
6)	B beta-BHC	6.076	6.735	4070340	10426764	14.254	13.026
12)	B 4,4'-DDE	7.562	8.502	225652	556414	0.413	0.467
14)	MA Endrin	7.980	8.894	31477516	61505267	57.470	60.710
16)	A 4,4'-DDD	8.148	9.040	1768799	3734048	3.758	4.230m
17)	MA 4,4'-DDT	8.410	9.356	61981729	121.8E6	121.451	123.135m
18)	B Endrin al...	8.481	9.266	694123	1407557	1.632m	1.869
20)	A Methoxychlor	9.005	9.845	83365267	150.8E6	257.382	300.455
21)	B Endrin ke...	9.229	9.997	2472517	2729480	3.749	2.596m#

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

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Acq On : 22 Dec 2021 08:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

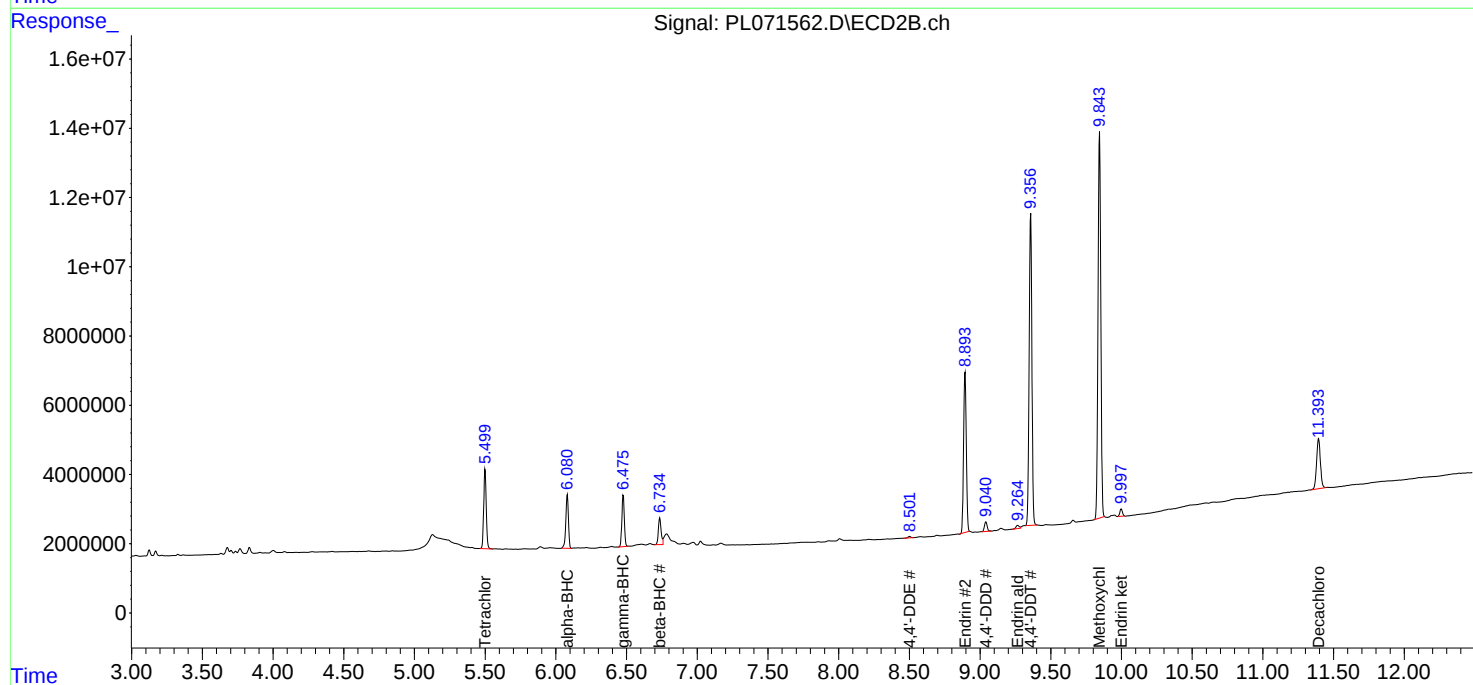
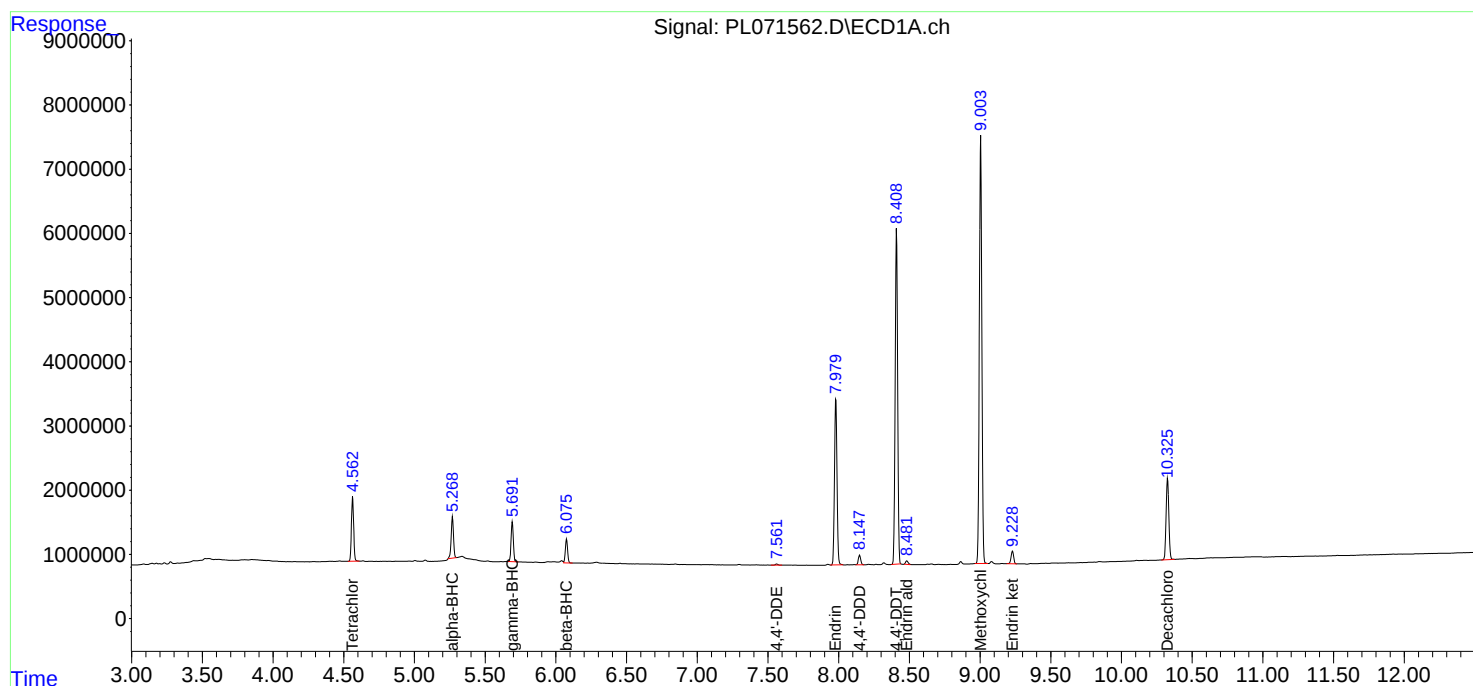
Instrument :
ECD_L
ClientSampleId :
PEM

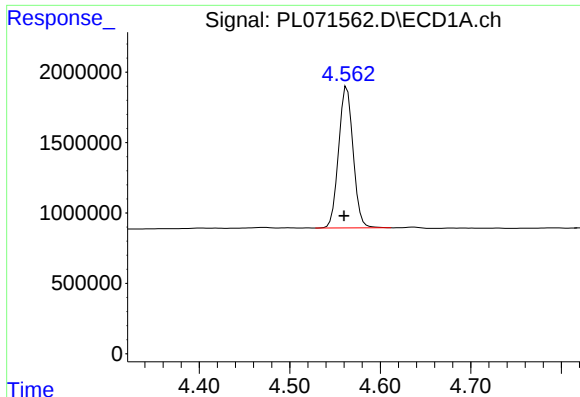
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 23 01:11:21 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
Quant Title : GC Extractables
QLast Update : Tue Dec 14 14:29:34 2021
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Volume 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





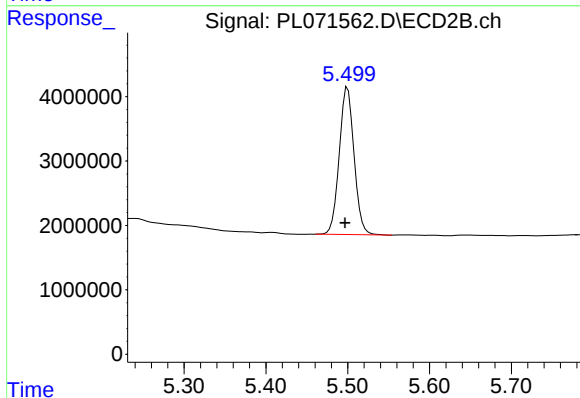
#1 Tetrachloro-m-xylene

R.T.: 4.563 min
Delta R.T.: 0.003 min
Response: 11181626
Conc: 23.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

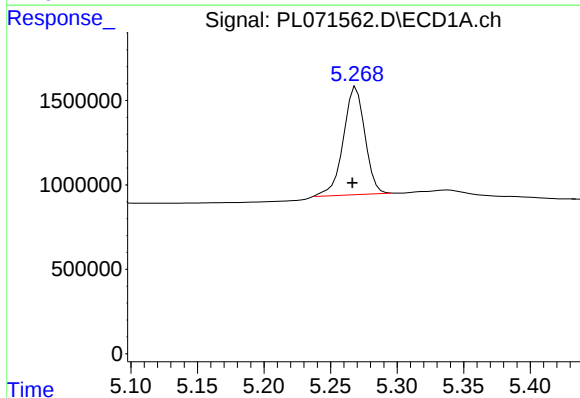
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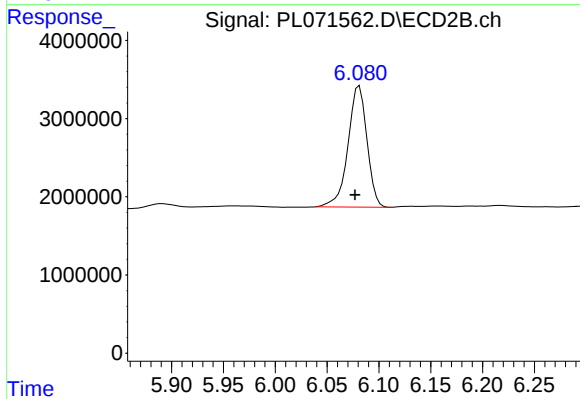
#1 Tetrachloro-m-xylene

R.T.: 5.500 min
Delta R.T.: 0.003 min
Response: 28688773
Conc: 24.08 ng/ml



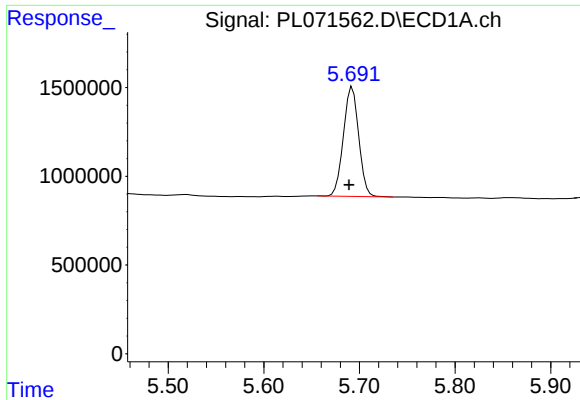
#2 alpha-BHC

R.T.: 5.269 min
Delta R.T.: 0.003 min
Response: 7208431
Conc: 11.33 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 19753908
Conc: 11.49 ng/ml



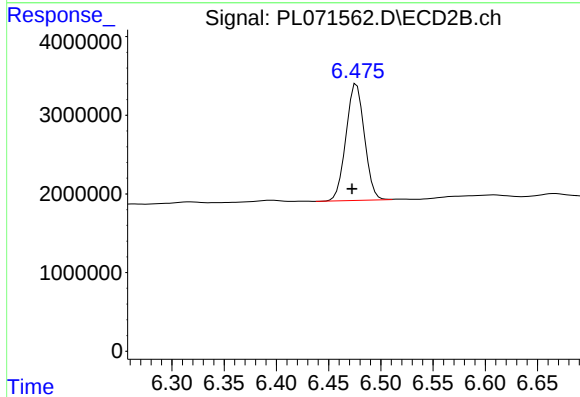
#3 gamma-BHC (Lindane)

R.T.: 5.693 min
Delta R.T.: 0.004 min
Response: 6872268
Conc: 10.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

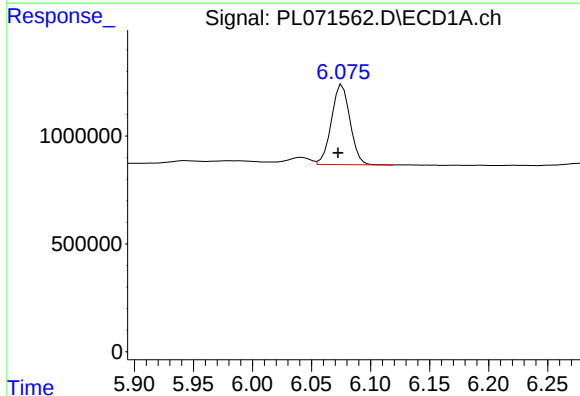
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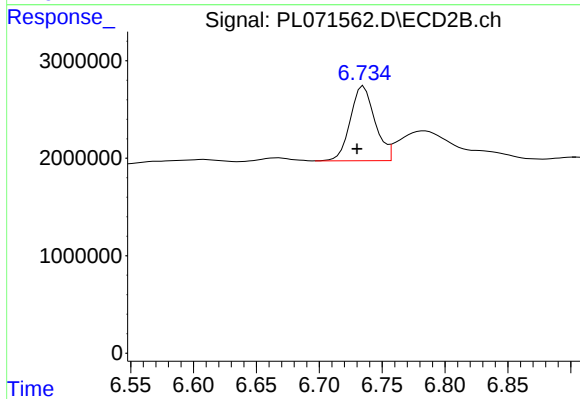
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.004 min
Response: 18176436
Conc: 11.39 ng/ml



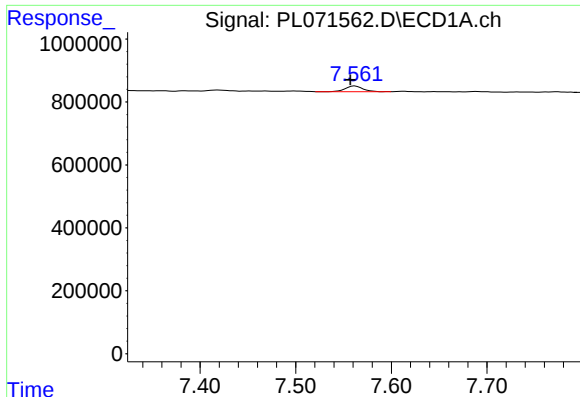
#6 beta-BHC

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 4070340
Conc: 14.25 ng/ml



#6 beta-BHC

R.T.: 6.735 min
Delta R.T.: 0.005 min
Response: 10426764
Conc: 13.03 ng/ml



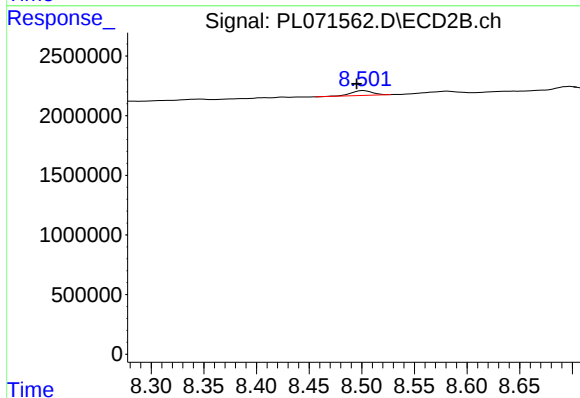
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: 0.005 min
Response: 225652
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

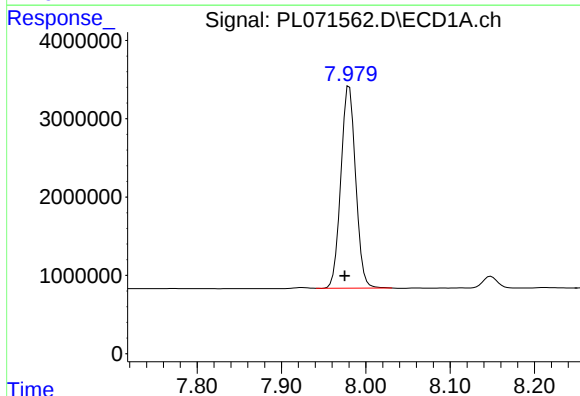
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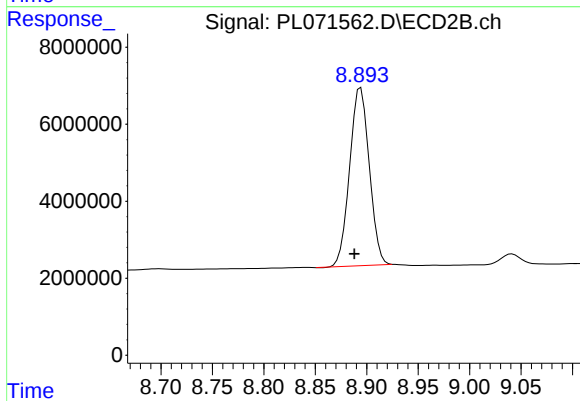
#12 4,4'-DDE

R.T.: 8.502 min
Delta R.T.: 0.007 min
Response: 556414
Conc: 0.47 ng/ml



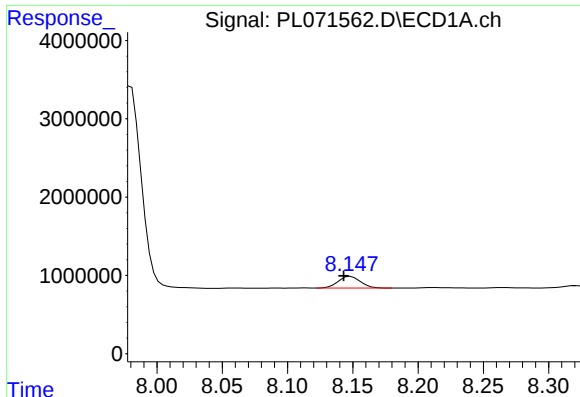
#14 Endrin

R.T.: 7.980 min
Delta R.T.: 0.006 min
Response: 31477516
Conc: 57.47 ng/ml



#14 Endrin

R.T.: 8.894 min
Delta R.T.: 0.006 min
Response: 61505267
Conc: 60.71 ng/ml



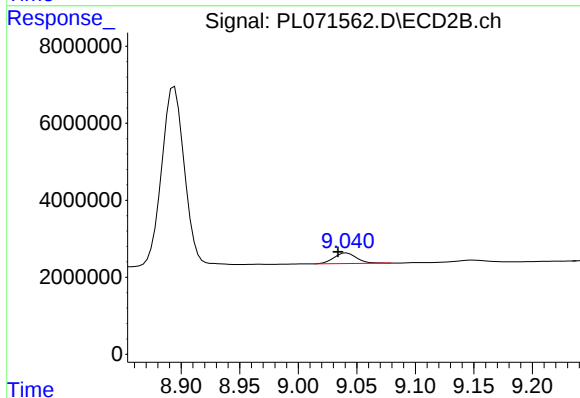
#16 4,4'-DDD

R.T.: 8.148 min
Delta R.T.: 0.005 min
Response: 1768799
Conc: 3.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

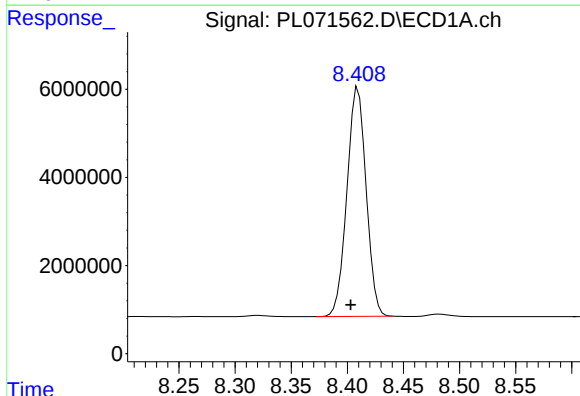
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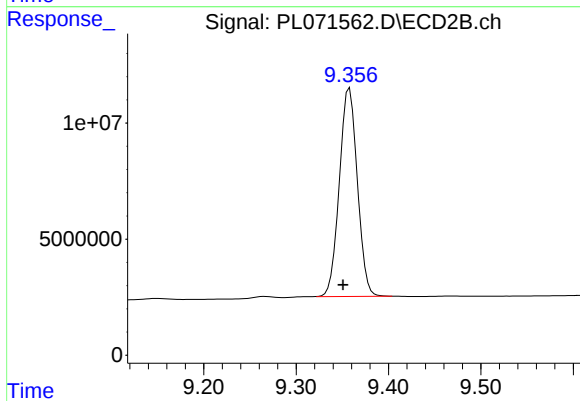
#16 4,4'-DDD

R.T.: 9.040 min
Delta R.T.: 0.006 min
Response: 3734048
Conc: 4.23 ng/ml m



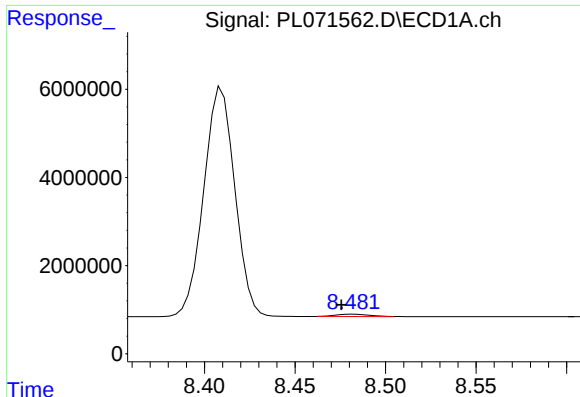
#17 4,4'-DDT

R.T.: 8.410 min
Delta R.T.: 0.006 min
Response: 61981729
Conc: 121.45 ng/ml



#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.006 min
Response: 121763037
Conc: 123.14 ng/ml m



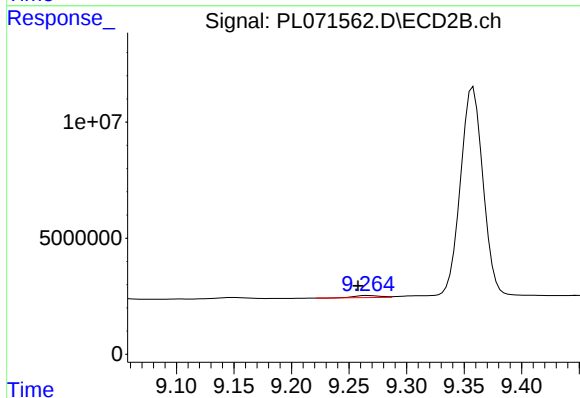
#18 Endrin aldehyde

R.T.: 8.481 min
Delta R.T.: 0.005 min
Response: 694123
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

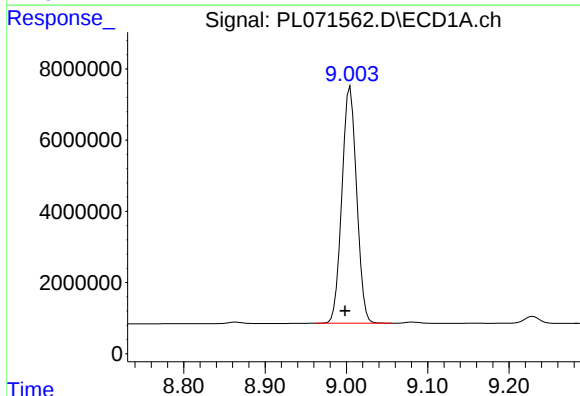
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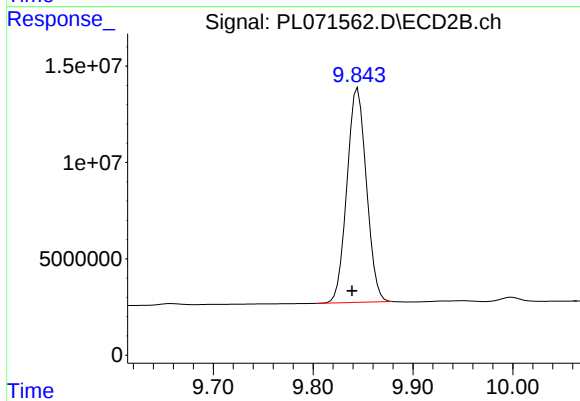
#18 Endrin aldehyde

R.T.: 9.266 min
Delta R.T.: 0.008 min
Response: 1407557
Conc: 1.87 ng/ml



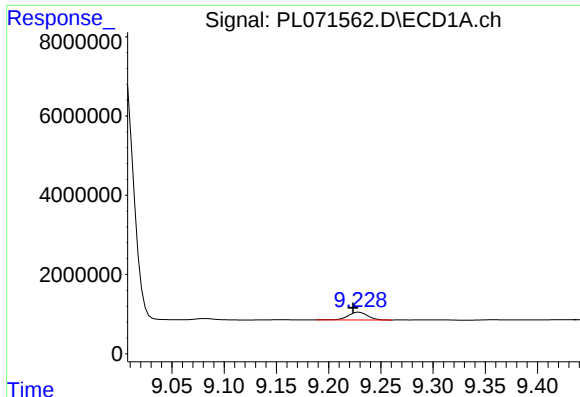
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: 0.006 min
Response: 83365267
Conc: 257.38 ng/ml



#20 Methoxychlor

R.T.: 9.845 min
Delta R.T.: 0.006 min
Response: 150820096
Conc: 300.45 ng/ml



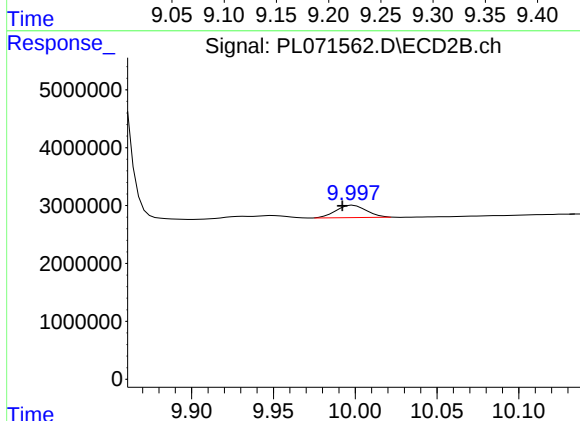
#21 Endrin ketone

R.T.: 9.229 min
Delta R.T.: 0.006 min
Response: 2472517
Conc: 3.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

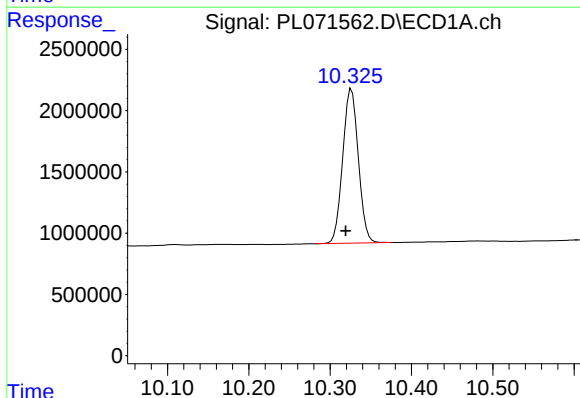
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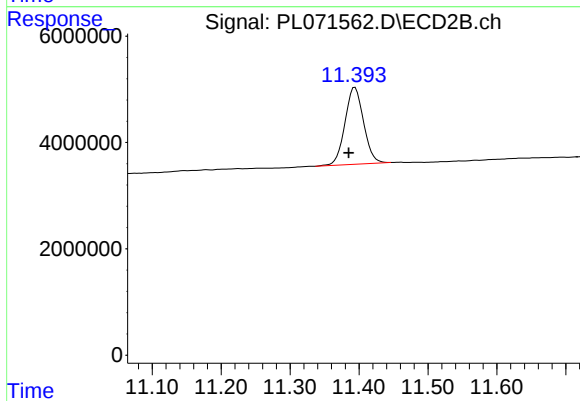
#21 Endrin ketone

R.T.: 9.997 min
Delta R.T.: 0.005 min
Response: 2729480
Conc: 2.60 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.326 min
Delta R.T.: 0.007 min
Response: 16806710
Conc: 25.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.394 min
Delta R.T.: 0.009 min
Response: 27232003
Conc: 25.06 ng/ml