

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 08:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/21/2022
 Supervised By : Ankita Jodhani 01/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:18:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.559	5.494	11159325	34137490	20.100	21.019
28)	SA Decachlor...	10.320	11.388	18325447	33711205	20.627	20.893
Target Compounds							
2)	A alpha-BHC	5.265	6.075	7357747	23198316	9.516	9.614
3)	MA gamma-BHC...	5.689	6.471	6799868	21928371	9.018	9.745
6)	B beta-BHC	6.073	6.731	4060300	11433511	12.283	11.548
12)	B 4,4'-DDE	7.557	8.493	282154	380457	0.391	0.201m#
14)	MA Endrin	7.976	8.889	34742403	87667761	49.585	52.875
16)	A 4,4'-DDD	8.143	9.035	1019452	2559115	1.739m	1.790m
17)	MA 4,4'-DDT	8.404	9.353	66584129	165.3E6	100.267	104.570
18)	B Endrin al...	8.481	9.261	290529	593610	0.510	0.478
20)	A Methoxychlor	9.000	9.841	91350049	199.5E6	216.523	240.825
21)	B Endrin ke...	9.221	9.993	2310081	1780141	2.774m	1.076 #

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

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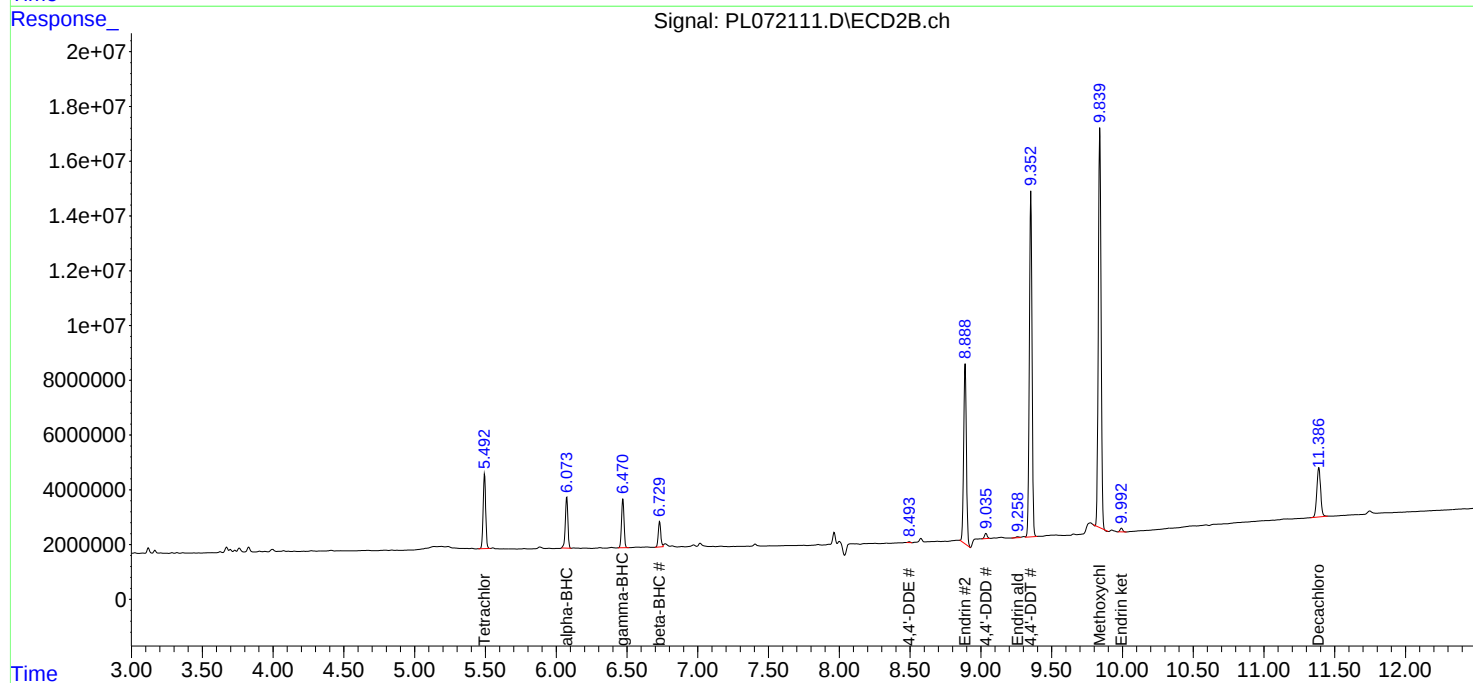
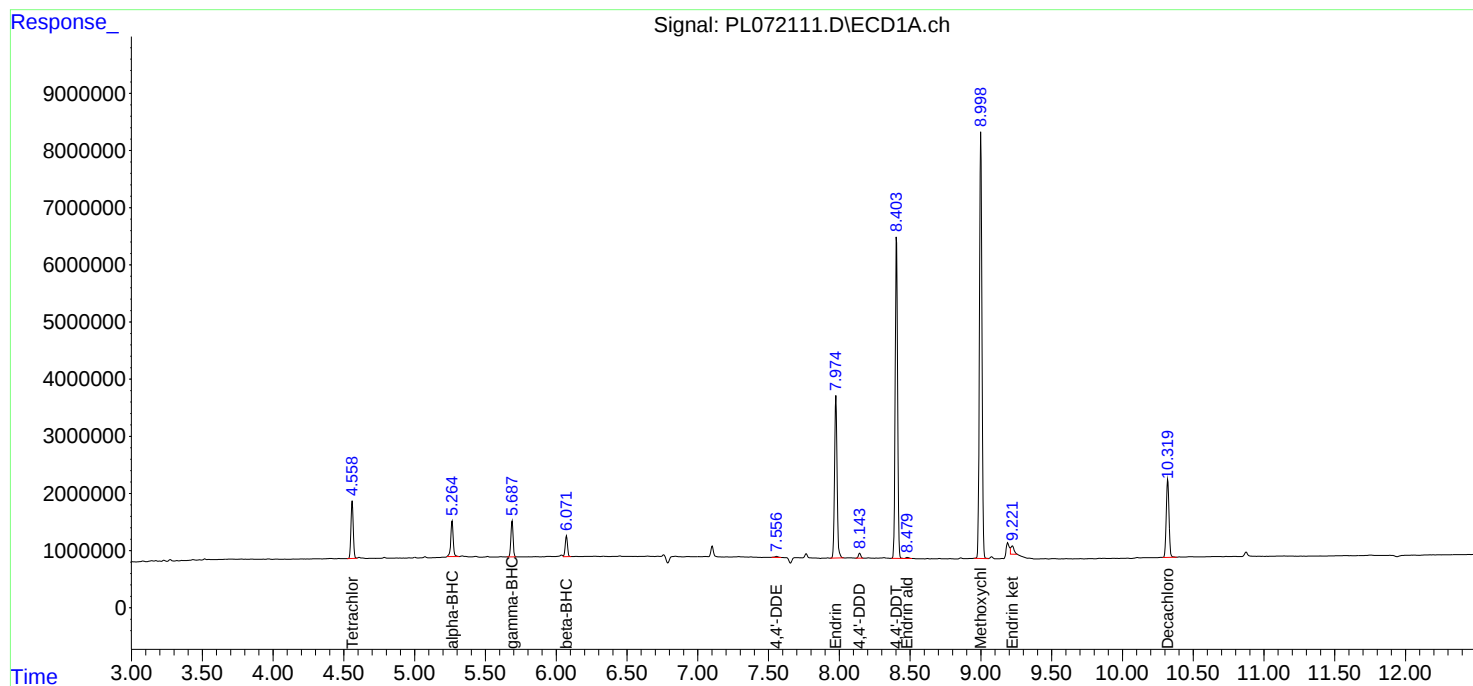
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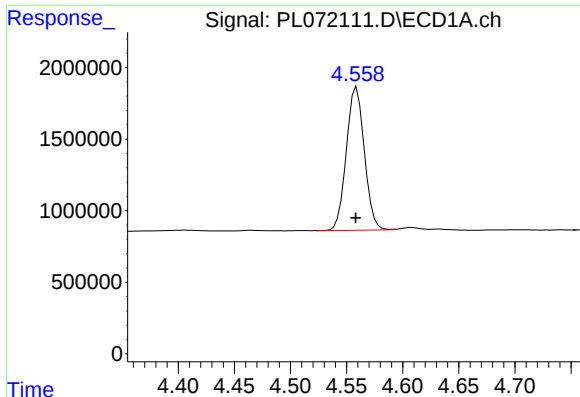
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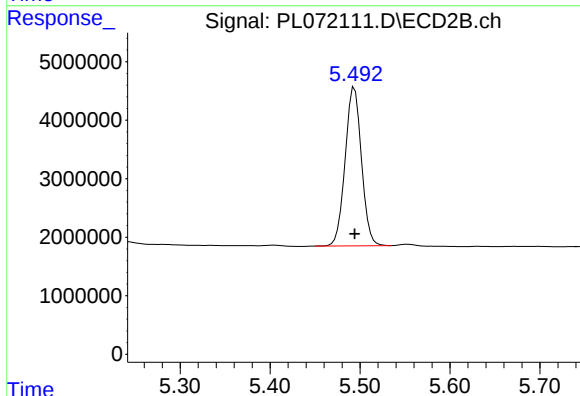
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: 0.001 min
Response: 11159325
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

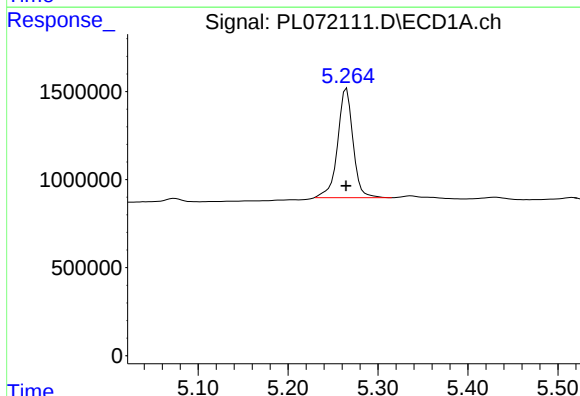
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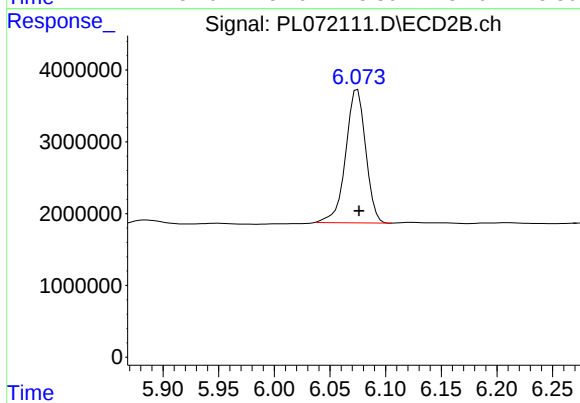
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 34137490
Conc: 21.02 ng/ml



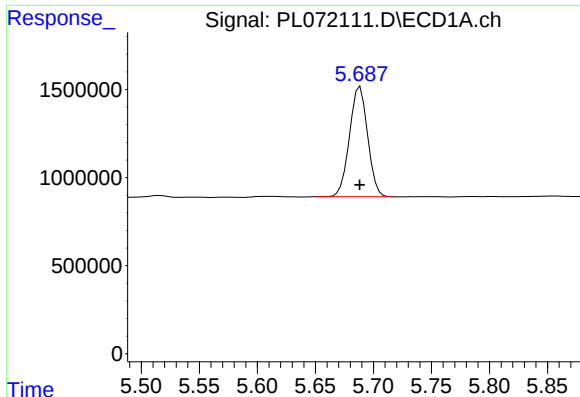
#2 alpha-BHC

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 7357747
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 23198316
Conc: 9.61 ng/ml



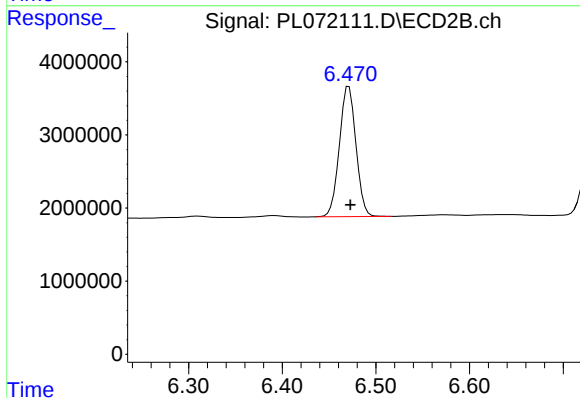
#3 gamma-BHC (Lindane)

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 6799868
Conc: 9.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

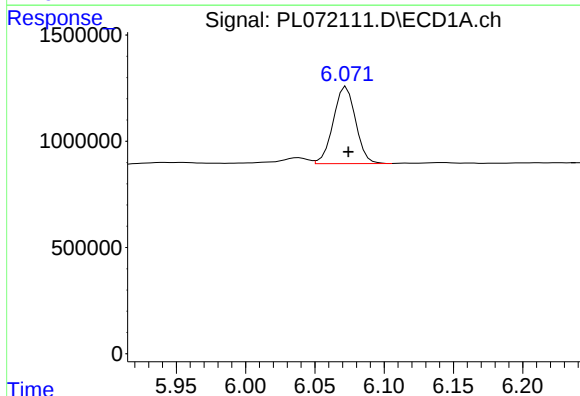
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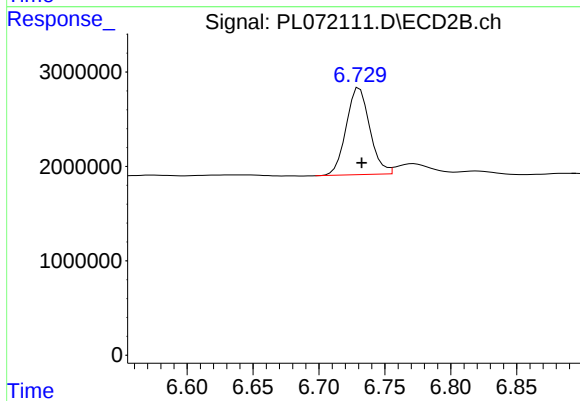
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 21928371
Conc: 9.74 ng/ml



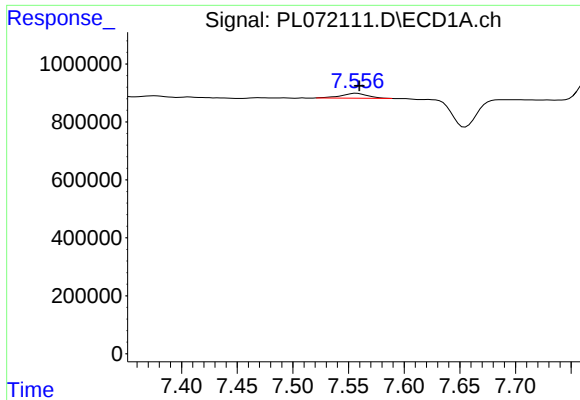
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 4060300
Conc: 12.28 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 11433511
Conc: 11.55 ng/ml



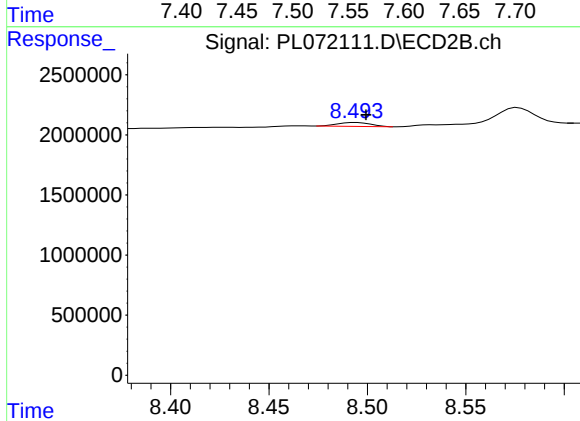
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 282154
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

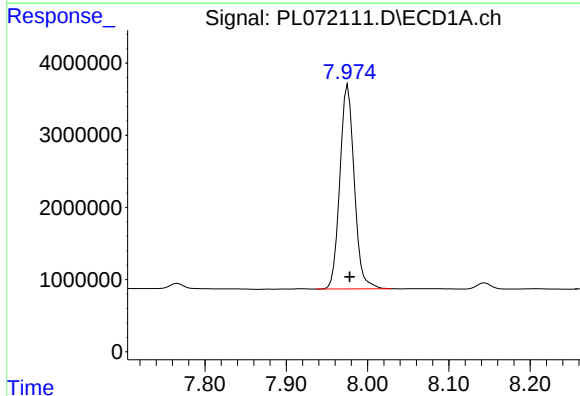
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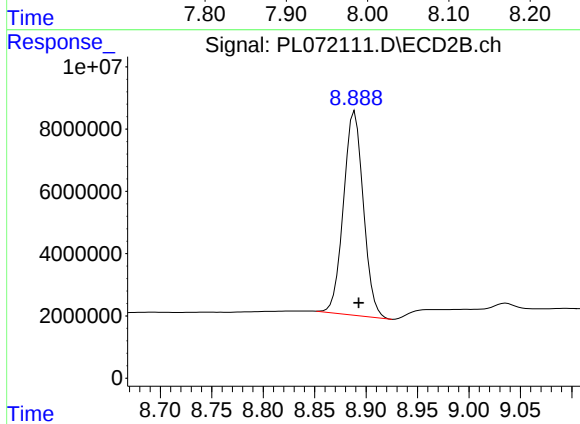
#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 380457
Conc: 0.20 ng/ml m



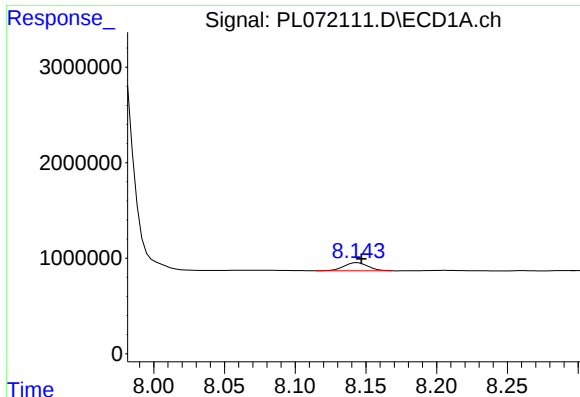
#14 Endrin

R.T.: 7.976 min
Delta R.T.: -0.002 min
Response: 34742403
Conc: 49.58 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: -0.004 min
Response: 87667761
Conc: 52.88 ng/ml



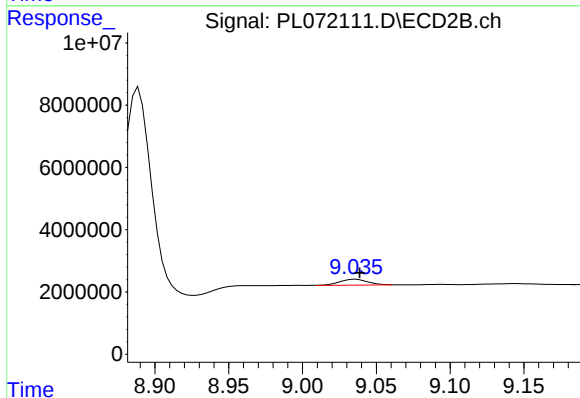
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 1019452
Conc: 1.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

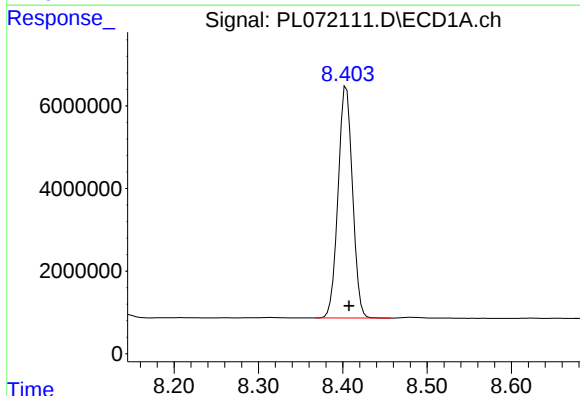
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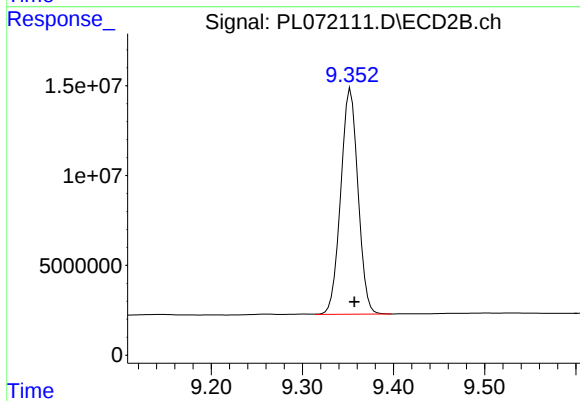
#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: -0.004 min
Response: 2559115
Conc: 1.79 ng/ml m



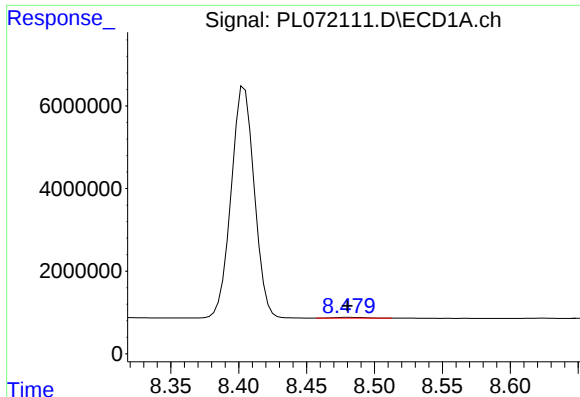
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: -0.003 min
Response: 66584129
Conc: 100.27 ng/ml



#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: -0.004 min
Response: 165277127
Conc: 104.57 ng/ml



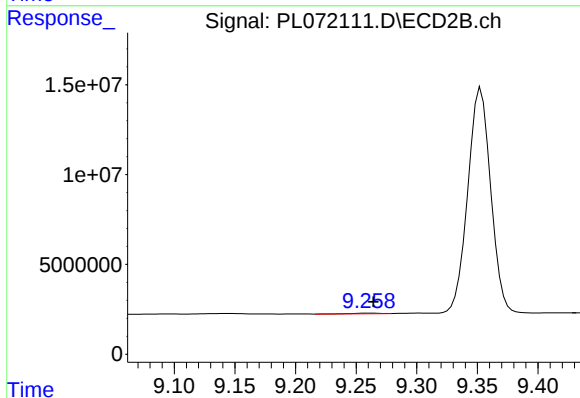
#18 Endrin aldehyde

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 290529
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

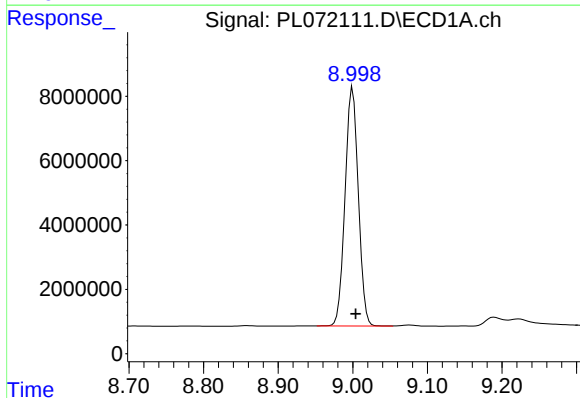
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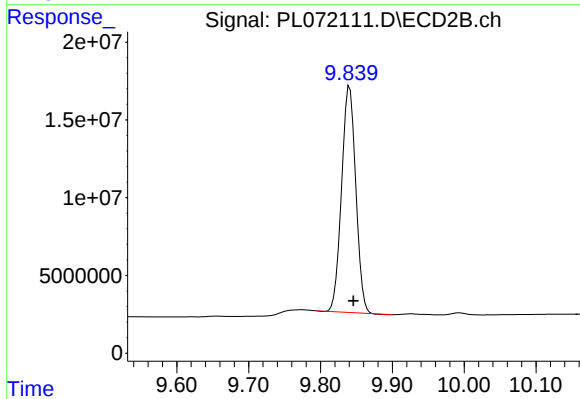
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.003 min
Response: 593610
Conc: 0.48 ng/ml



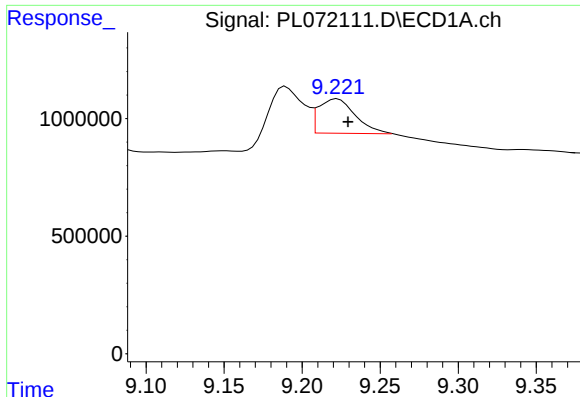
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 91350049
Conc: 216.52 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.005 min
Response: 199487223
Conc: 240.83 ng/ml



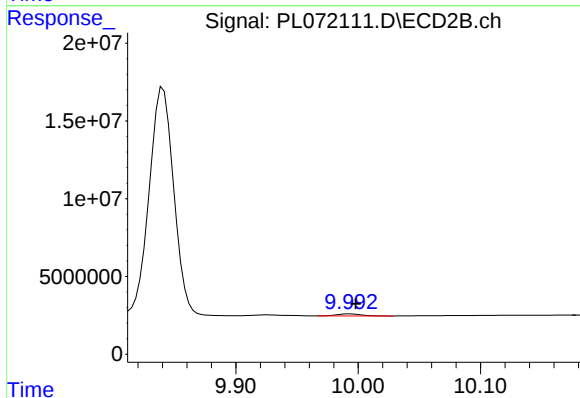
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.008 min
Response: 2310081
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

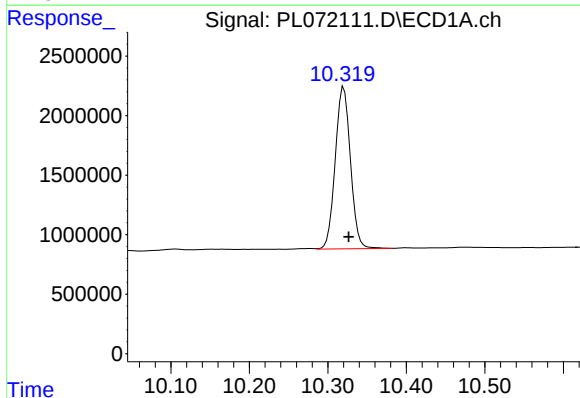
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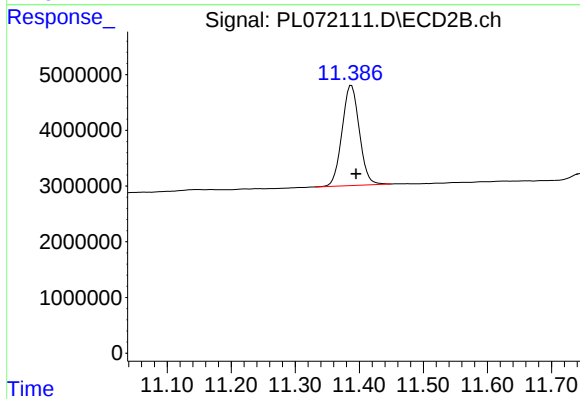
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.004 min
Response: 1780141
Conc: 1.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: -0.006 min
Response: 18325447
Conc: 20.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 33711205
Conc: 20.89 ng/ml