

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
 Data File : PL071678.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 01:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 02:45:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 27 14:06:28 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...	4.566	5.494	12068107	30318015	18.601	17.767
28)	SA Decachlor...	10.328	11.392	15668800	26320499	21.047	21.001
Target Compounds							
2)	A alpha-BHC	5.272	6.075	7368733	20034281	8.106	8.206
3)	MA gamma-BHC...	5.695	6.472	7094033	24167499	8.093	10.661 #
6)	B beta-BHC	6.079	6.730	4006785	9083256	10.544	8.823
12)	B 4,4'-DDE	7.565	8.497	654896	1121844	0.879	0.634m#
14)	MA Endrin	7.982	8.891	30971180	61072525	41.629	40.524
16)	A 4,4'-DDD	8.151	9.036	961081	2042586	1.620	1.573m
17)	MA 4,4'-DDT	8.412	9.355	60135299	123.5E6	93.277	90.492
18)	B Endrin al...	8.482	9.262	1110864	2265848	1.915m	1.960
20)	A Methoxychlor	9.007	9.843	79746499	144.6E6	214.009	222.442
21)	B Endrin ke...	9.231	9.995	1659333	2326535	2.110	1.713m

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

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Acq On : 28 Dec 2021 01:18
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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

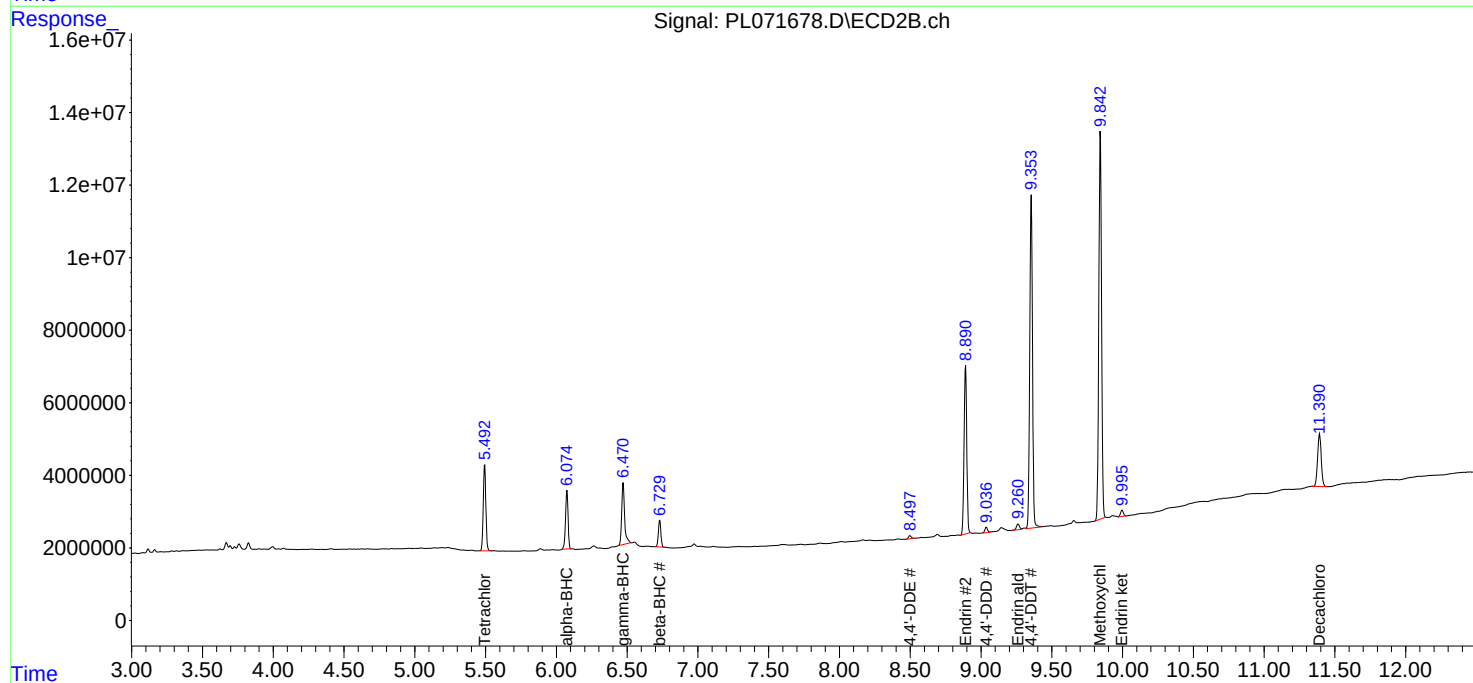
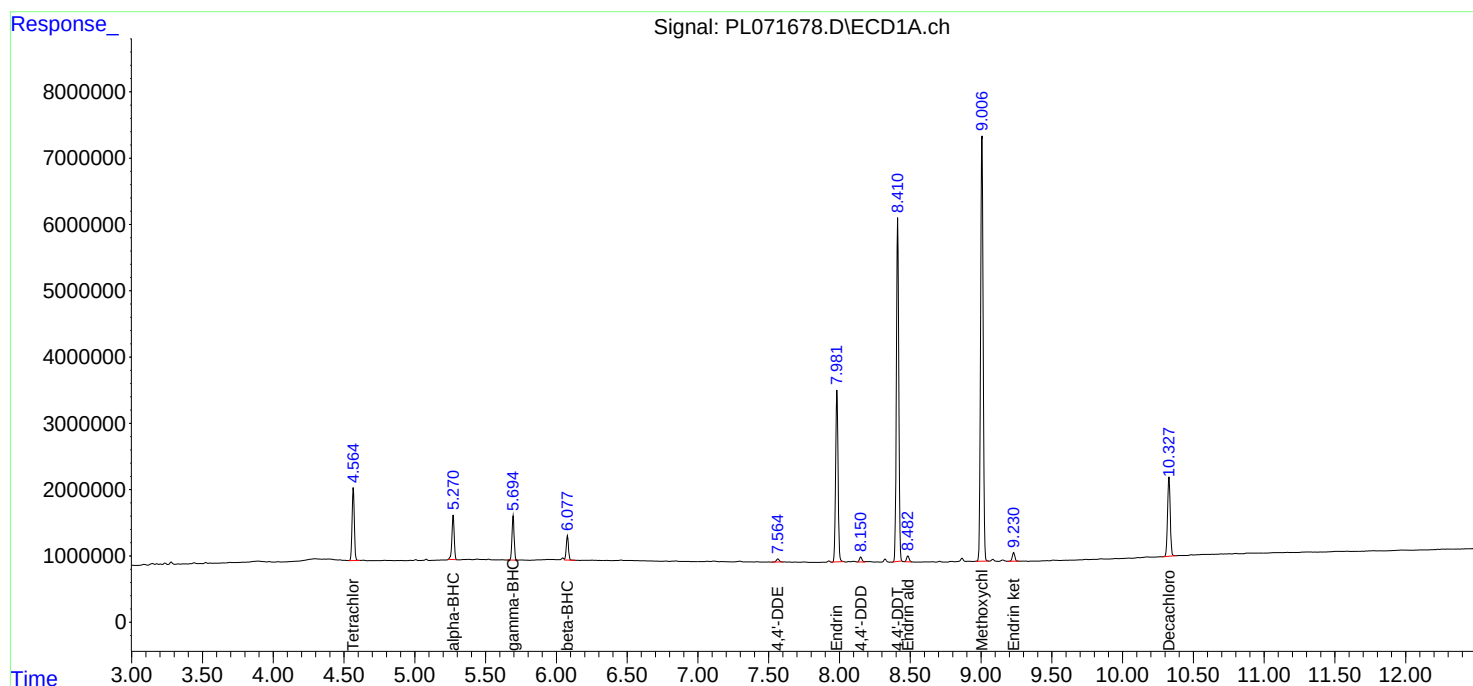
Instrument :
ECD_L
ClientSampleId :
PEM

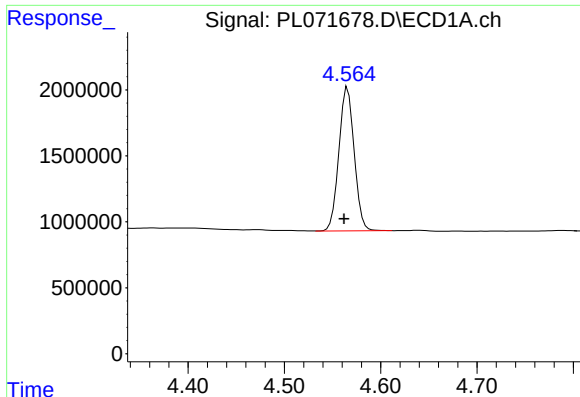
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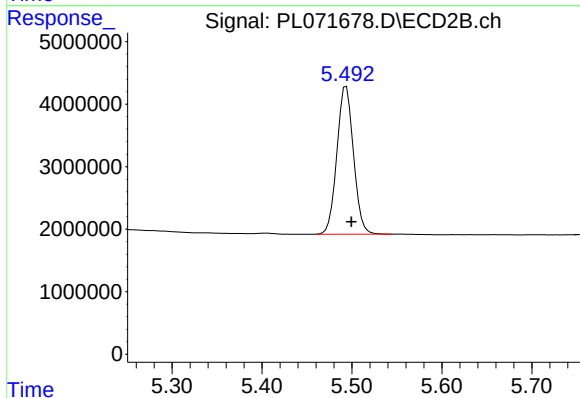
#1 Tetrachloro-m-xylene

R.T.: 4.566 min
Delta R.T.: 0.004 min
Response: 12068107
Conc: 18.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

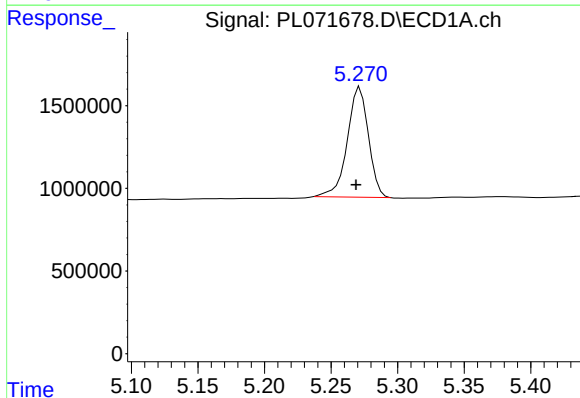
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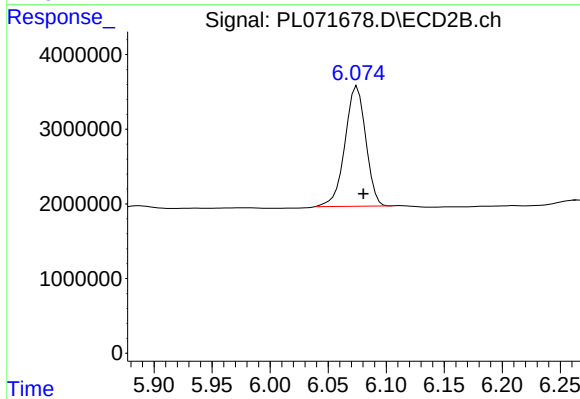
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: -0.006 min
Response: 30318015
Conc: 17.77 ng/ml



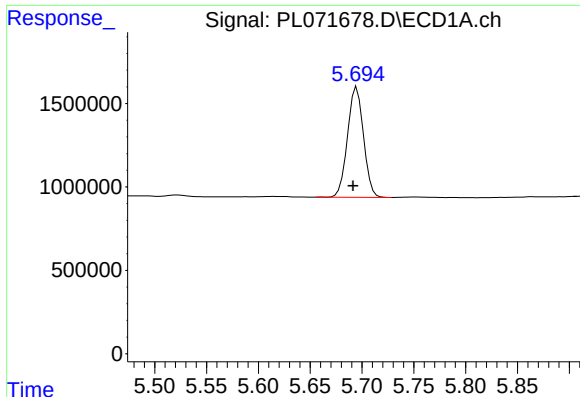
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.003 min
Response: 7368733
Conc: 8.11 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: -0.005 min
Response: 20034281
Conc: 8.21 ng/ml



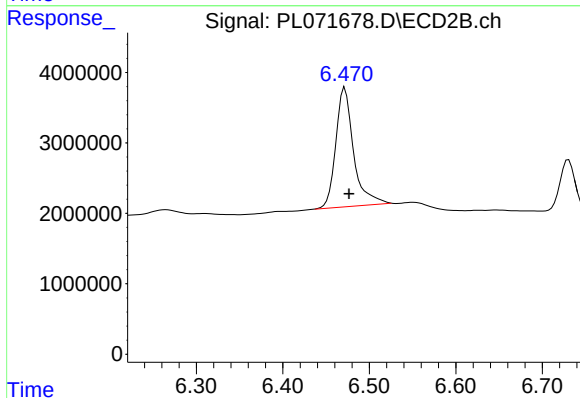
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: 0.004 min
Response: 7094033
Conc: 8.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

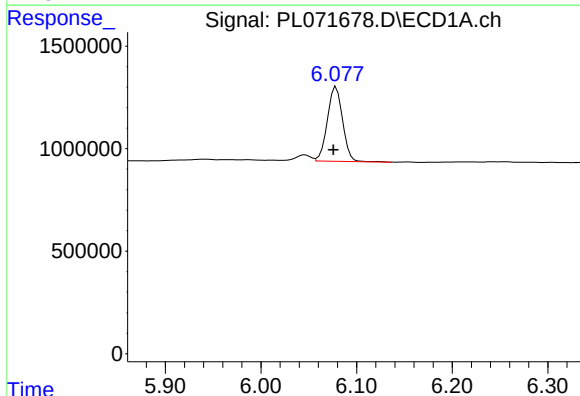
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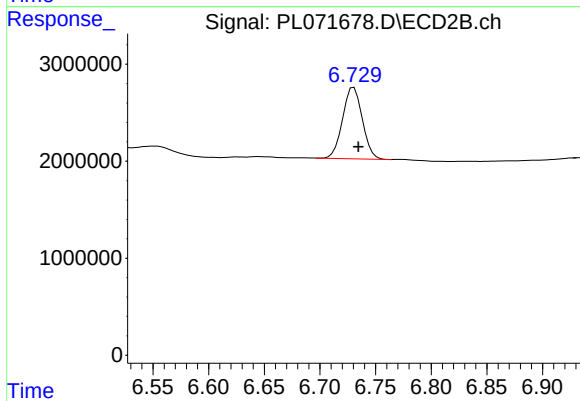
#3 gamma-BHC (Lindane)

R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 24167499
Conc: 10.66 ng/ml



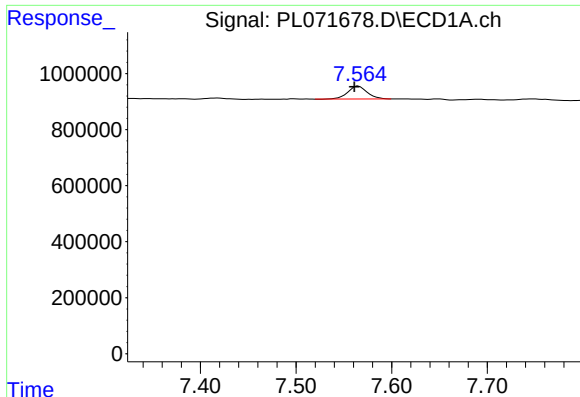
#6 beta-BHC

R.T.: 6.079 min
Delta R.T.: 0.003 min
Response: 4006785
Conc: 10.54 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: -0.004 min
Response: 9083256
Conc: 8.82 ng/ml



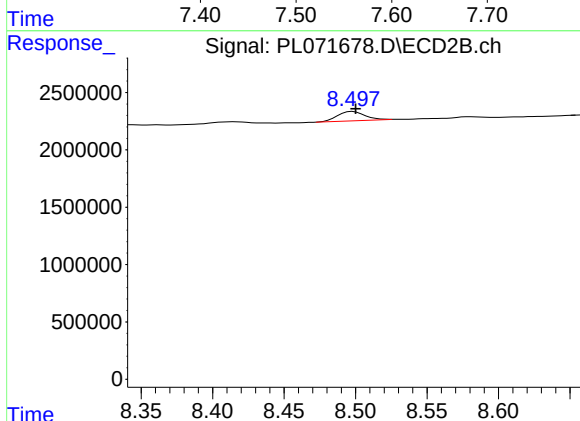
#12 4,4'-DDE

R.T.: 7.565 min
Delta R.T.: 0.004 min
Response: 654896
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

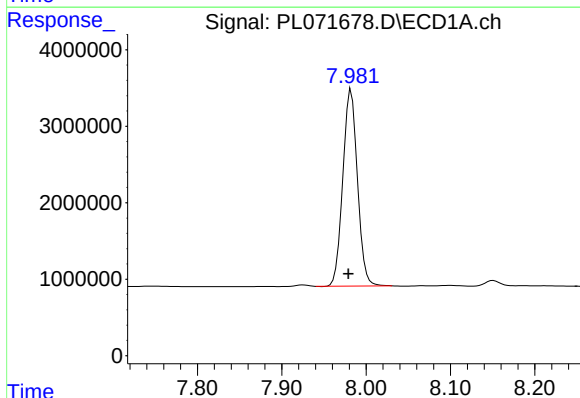
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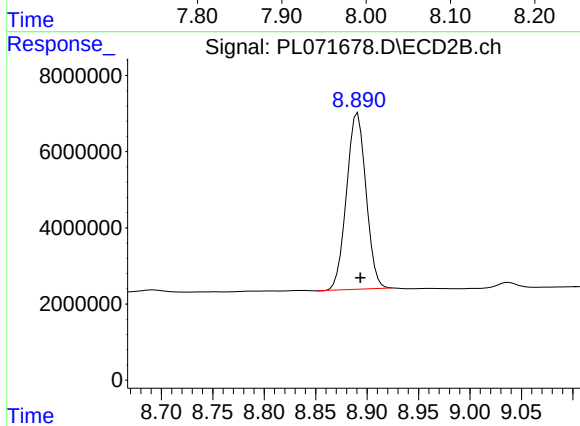
#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 1121844
Conc: 0.63 ng/ml m



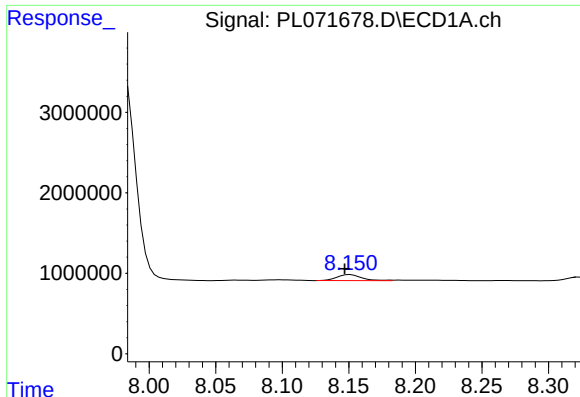
#14 Endrin

R.T.: 7.982 min
Delta R.T.: 0.003 min
Response: 30971180
Conc: 41.63 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: -0.003 min
Response: 61072525
Conc: 40.52 ng/ml



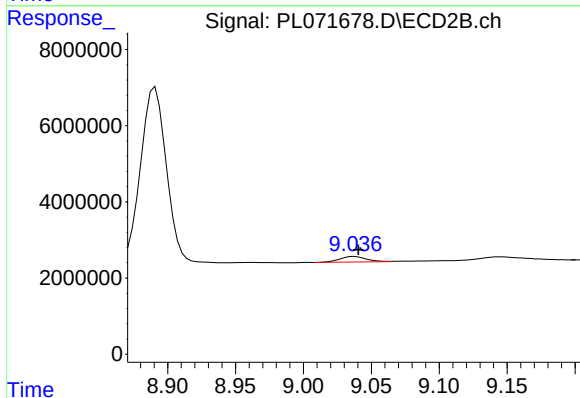
#16 4,4'-DDD

R.T.: 8.151 min
Delta R.T.: 0.004 min
Response: 961081
Conc: 1.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

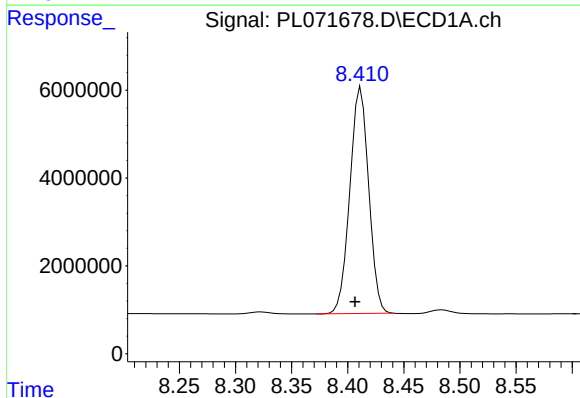
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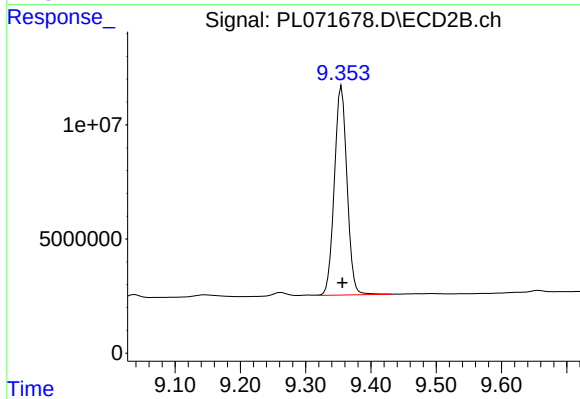
#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: -0.004 min
Response: 2042586
Conc: 1.57 ng/ml m



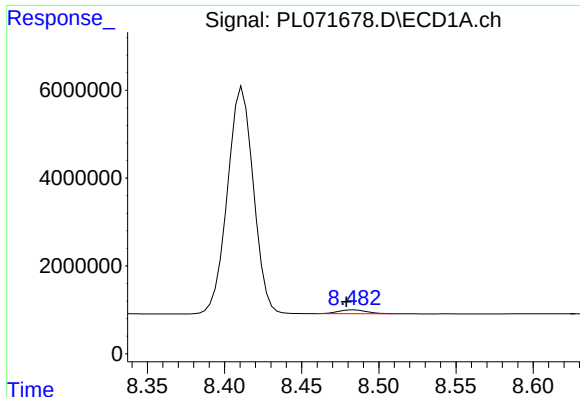
#17 4,4'-DDT

R.T.: 8.412 min
Delta R.T.: 0.005 min
Response: 60135299
Conc: 93.28 ng/ml



#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: -0.001 min
Response: 123548348
Conc: 90.49 ng/ml



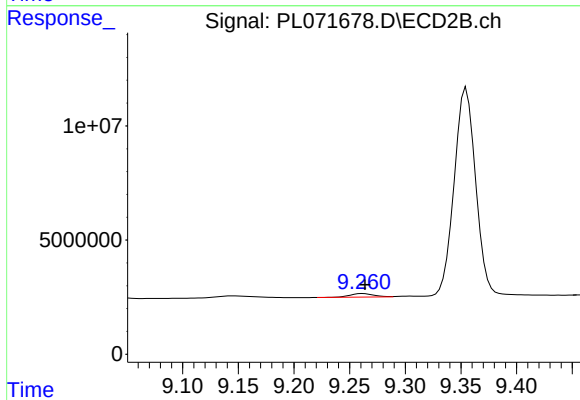
#18 Endrin aldehyde

R.T.: 8.482 min
Delta R.T.: 0.003 min
Response: 1110864
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

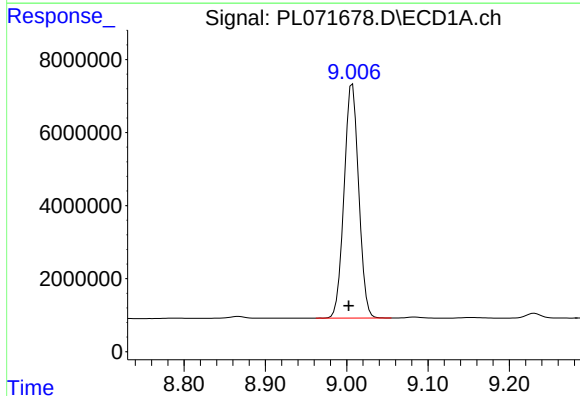
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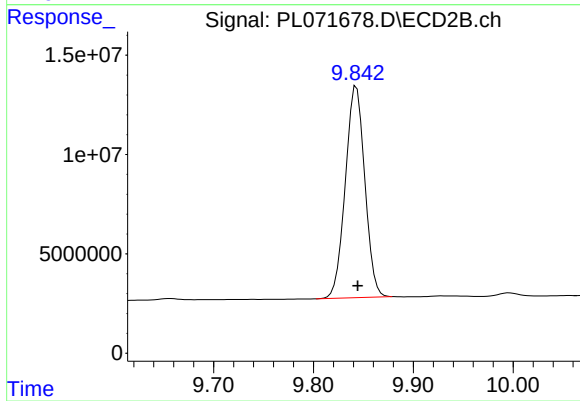
#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: -0.002 min
Response: 2265848
Conc: 1.96 ng/ml



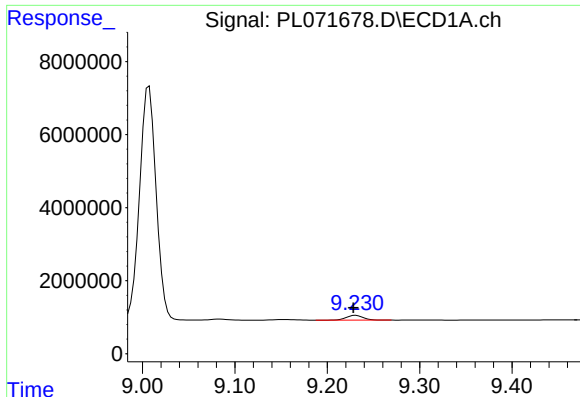
#20 Methoxychlor

R.T.: 9.007 min
Delta R.T.: 0.005 min
Response: 79746499
Conc: 214.01 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: -0.001 min
Response: 144591559
Conc: 222.44 ng/ml



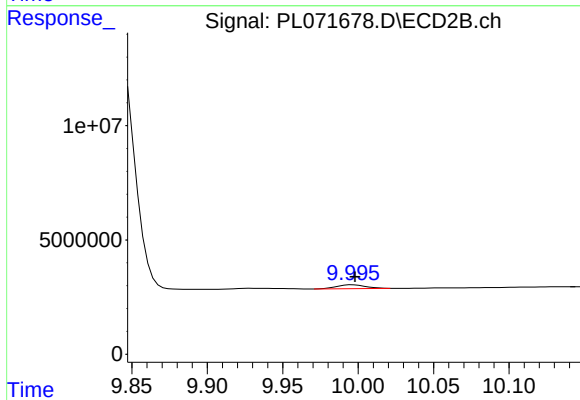
#21 Endrin ketone

R.T.: 9.231 min
Delta R.T.: 0.003 min
Response: 1659333
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

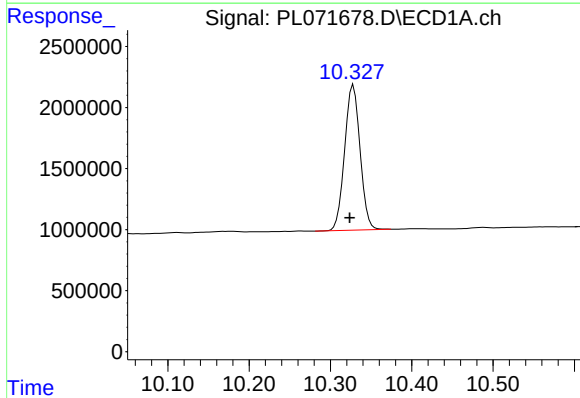
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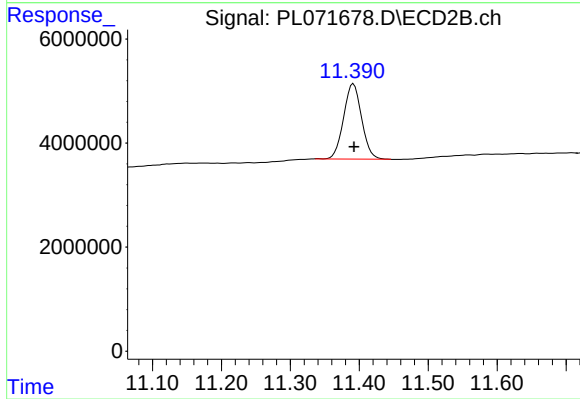
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.003 min
Response: 2326535
Conc: 1.71 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.328 min
Delta R.T.: 0.004 min
Response: 15668800
Conc: 21.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.392 min
Delta R.T.: 0.000 min
Response: 26320499
Conc: 21.00 ng/ml