

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 08:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:28:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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...	4.558	5.494	10168250	27758672	22.012	22.593
28)	SA Decachlor...	10.321	11.388	15881688	25314038	21.966	21.362
Target Compounds							
2)	A alpha-BHC	5.265	6.076	6110345	18780231	9.896	10.772
3)	MA gamma-BHC...	5.688	6.472	6064522	17462679	9.963	10.796
6)	B beta-BHC	6.072	6.731	3578717	8953595	13.227	12.531
12)	B 4,4'-DDE	7.555	8.497	125110	303665	0.226m	0.241
14)	MA Endrin	7.977	8.889	29929210	61349821	56.634	59.279
16)	A 4,4'-DDD	8.143	9.036	689683	1660766	1.432m	1.727m
17)	MA 4,4'-DDT	8.404	9.353	57555998	124.4E6	120.597	131.968
18)	B Endrin al...	8.481	9.265	215912	201238	0.476m	0.237m#
20)	A Methoxychlor	9.001	9.841	77390761	147.9E6	250.052	300.271
21)	B Endrin ke...	9.225	9.995	839322	1145098	1.211	1.015

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

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Acq On : 10 Jan 2022 08:49
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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

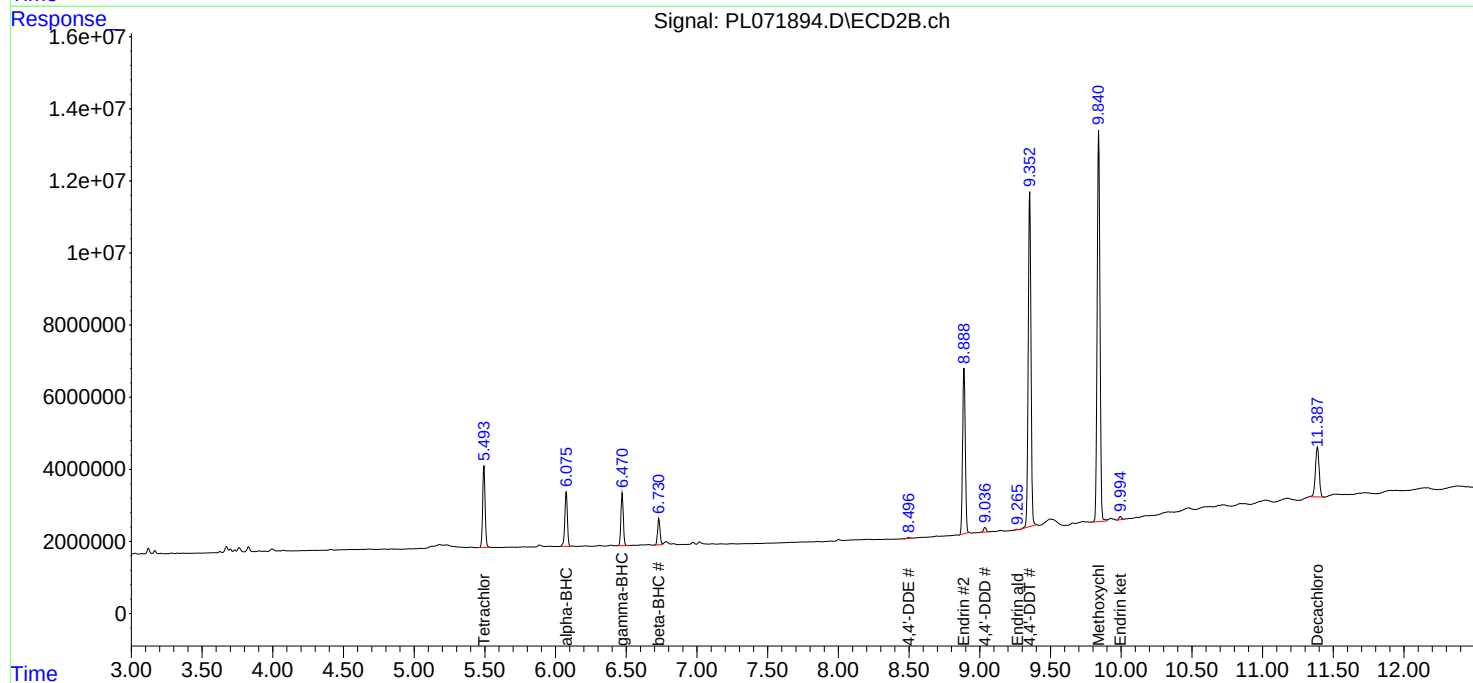
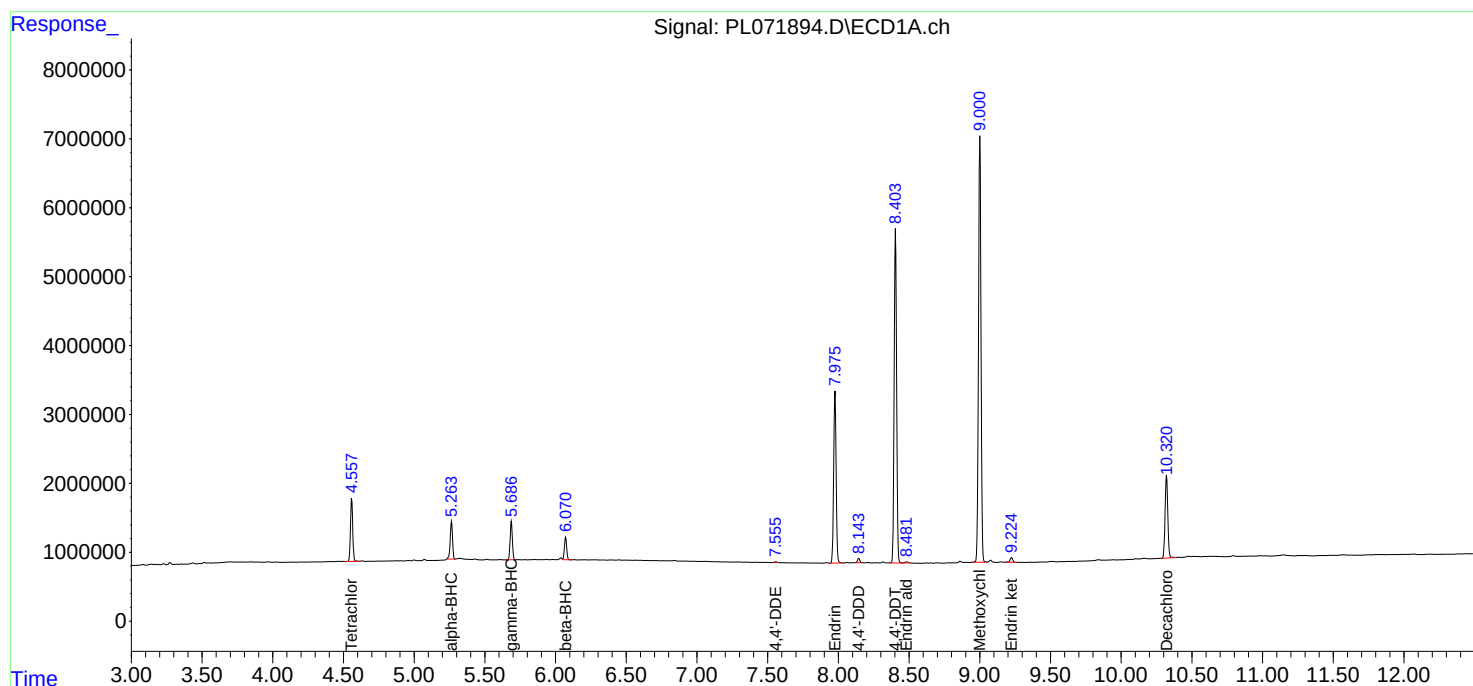
Instrument :
ECD_L
ClientSampleId :
PEM

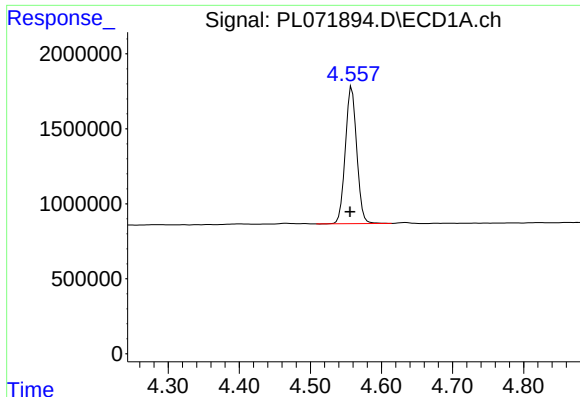
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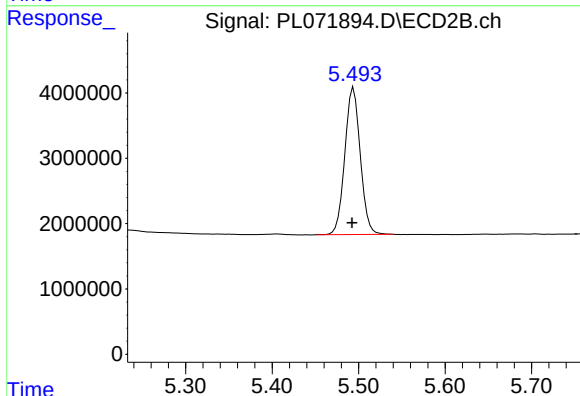
#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 10168250
Conc: 22.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

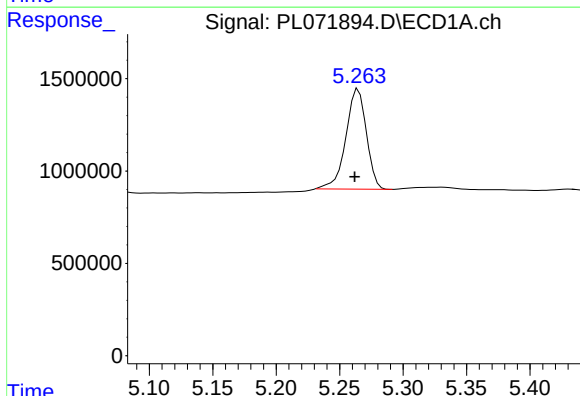
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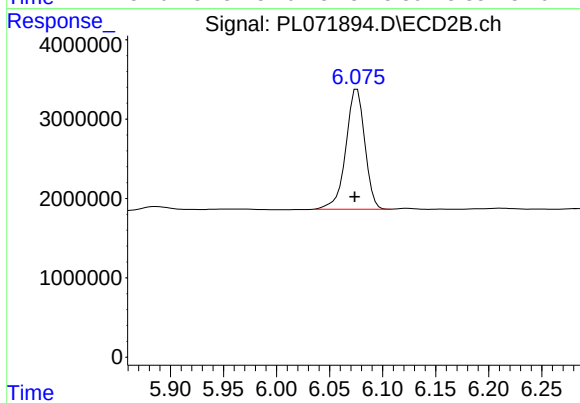
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 27758672
Conc: 22.59 ng/ml



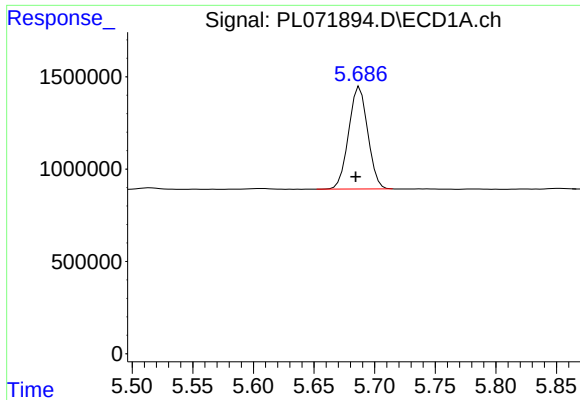
#2 alpha-BHC

R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 6110345
Conc: 9.90 ng/ml



#2 alpha-BHC

R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 18780231
Conc: 10.77 ng/ml



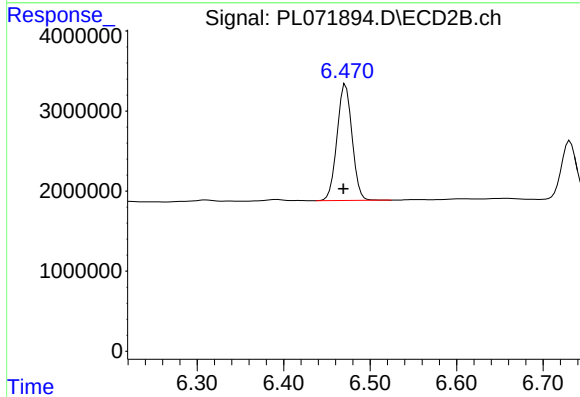
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 6064522
Conc: 9.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

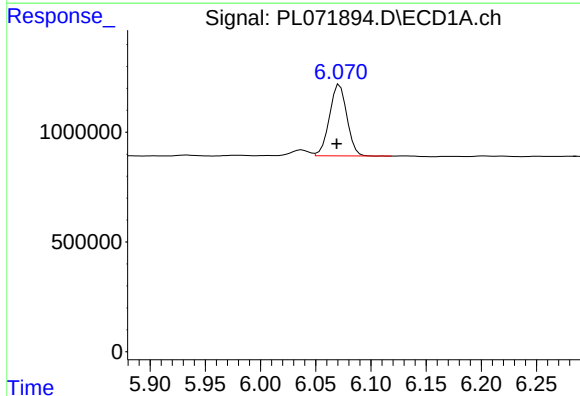
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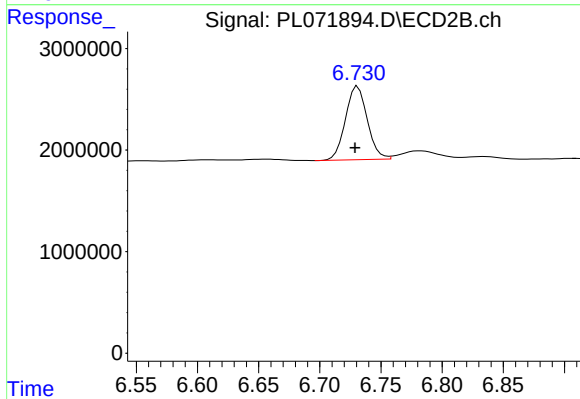
#3 gamma-BHC (Lindane)

R.T.: 6.472 min
Delta R.T.: 0.003 min
Response: 17462679
Conc: 10.80 ng/ml



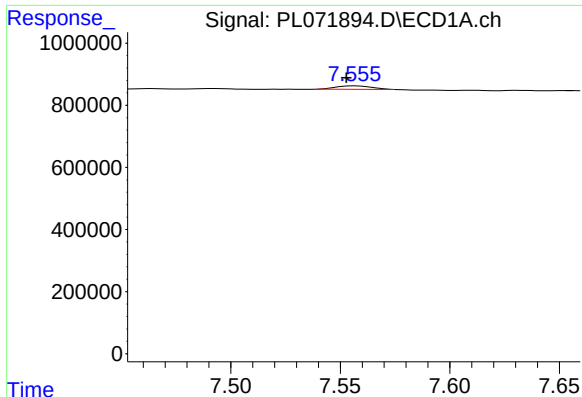
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 3578717
Conc: 13.23 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 8953595
Conc: 12.53 ng/ml



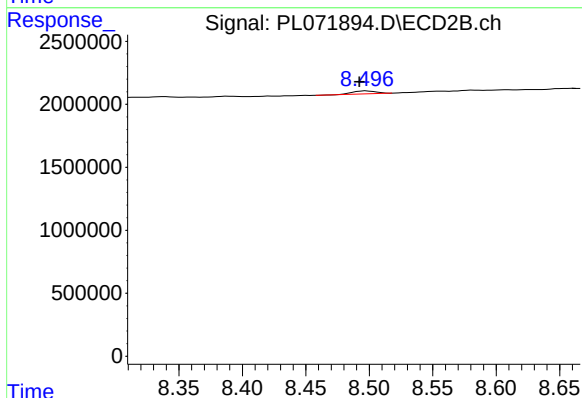
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 125110
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

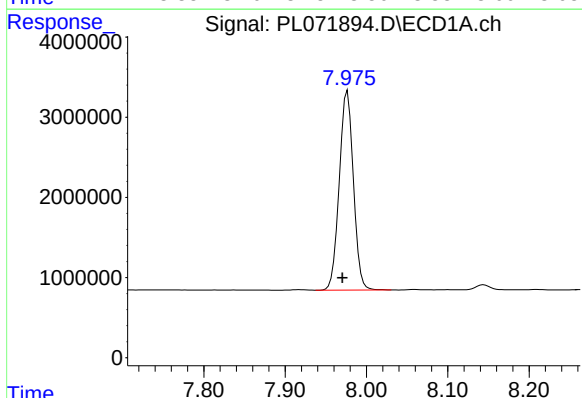
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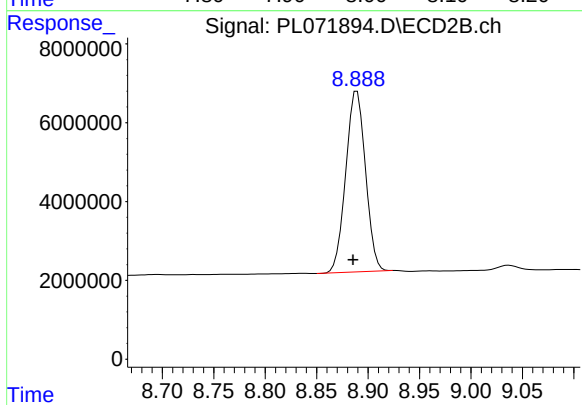
#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: 0.005 min
Response: 303665
Conc: 0.24 ng/ml



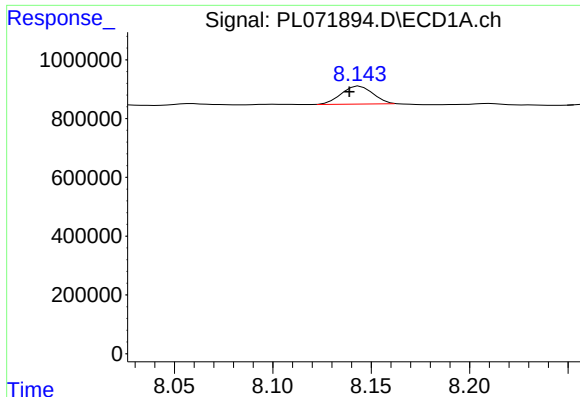
#14 Endrin

R.T.: 7.977 min
Delta R.T.: 0.006 min
Response: 29929210
Conc: 56.63 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: 0.004 min
Response: 61349821
Conc: 59.28 ng/ml



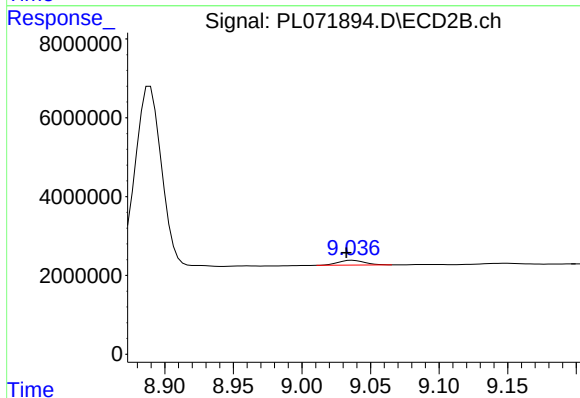
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.004 min
Response: 689683
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

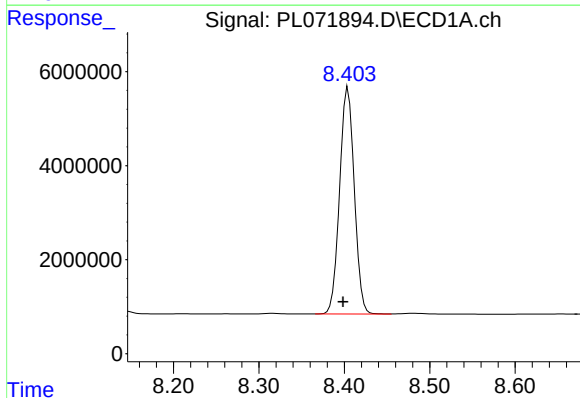
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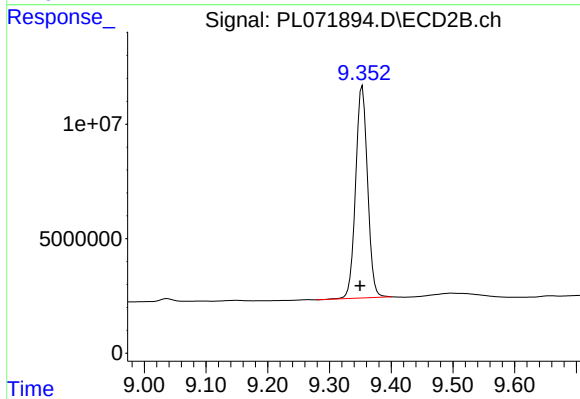
#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: 0.003 min
Response: 1660766
Conc: 1.73 ng/ml m



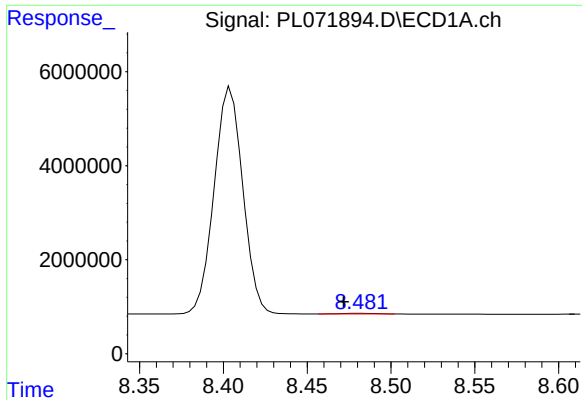
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: 0.006 min
Response: 57555998
Conc: 120.60 ng/ml



#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: 0.004 min
Response: 124449131
Conc: 131.97 ng/ml



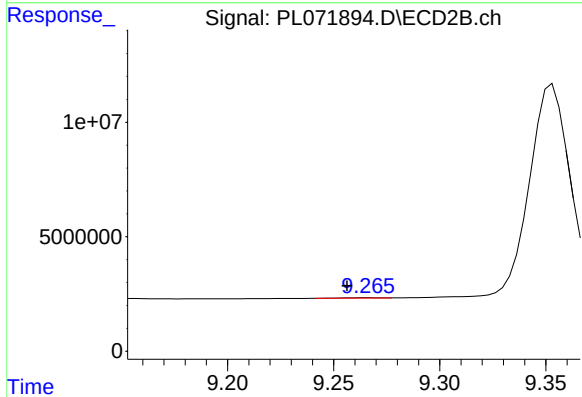
#18 Endrin aldehyde

R.T.: 8.481 min
Delta R.T.: 0.009 min
Response: 215912
Conc: 0.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

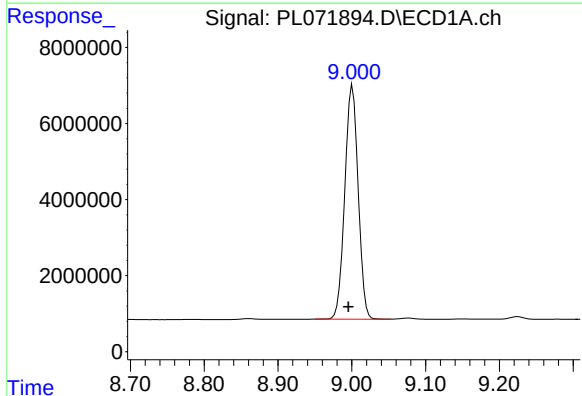
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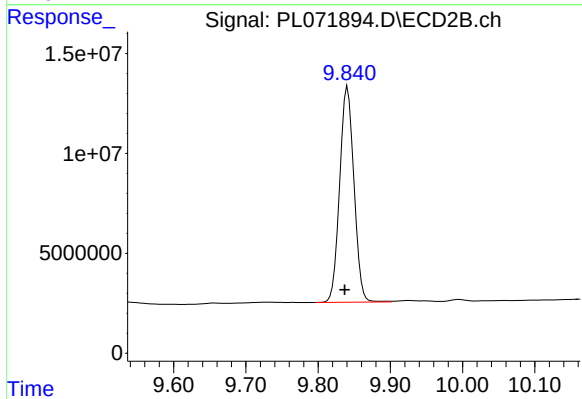
#18 Endrin aldehyde

R.T.: 9.265 min
Delta R.T.: 0.009 min
Response: 201238
Conc: 0.24 ng/ml m



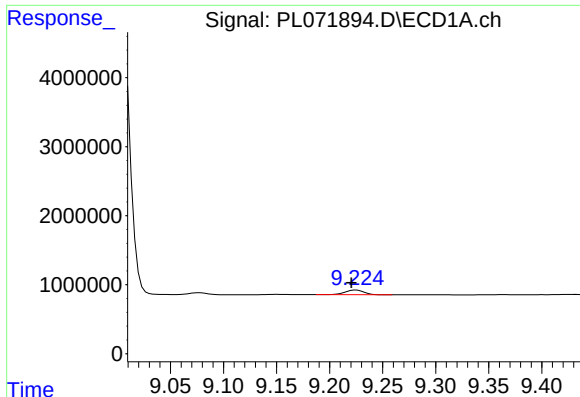
#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: 0.006 min
Response: 77390761
Conc: 250.05 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: 0.004 min
Response: 147858944
Conc: 300.27 ng/ml



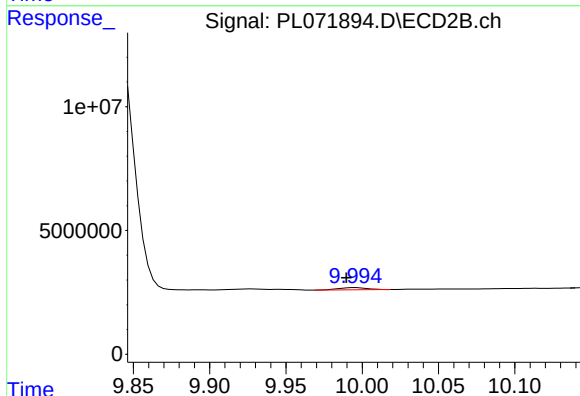
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: 0.005 min
Response: 839322
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

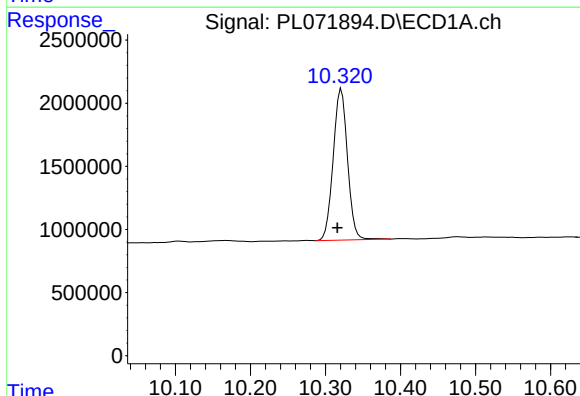
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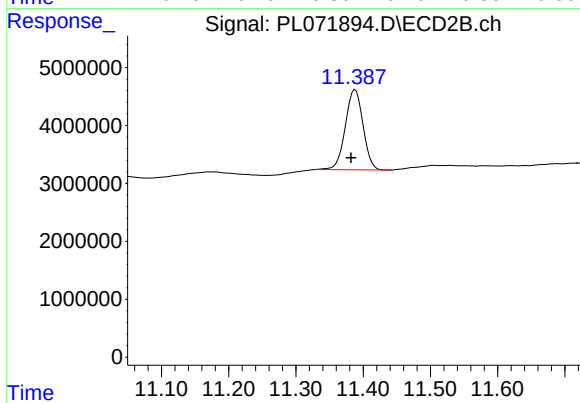
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 1145098
Conc: 1.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: 0.005 min
Response: 15881688
Conc: 21.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: 0.006 min
Response: 25314038
Conc: 21.36 ng/ml