

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
 Data File : PL071659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2021 19:25
 Operator : AR\AJ
 Sample : M5065-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 UV-1WCMS

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 02:40:08 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...	4.559	5.496	13324473	35386246	20.537	20.737
28)	SA Decachlor...	10.320	11.388	19236986	32671931	25.840	26.069
Target Compounds							
2)	A alpha-BHC	5.266	6.077	53656762	143.6E6	59.022	58.826
3)	MA gamma-BHC...	5.688	6.473	51594942	132.4E6	58.861	58.400
4)	MA Heptachlor	6.095	7.119	55701863	133.9E6	57.941	57.935
5)	MB Aldrin	6.418	7.489	52711665	129.7E6	59.034	58.854
6)	B beta-BHC	6.072	6.731	21479665	54736704	56.522	53.169
7)	B delta-BHC	6.330	6.996	50719748	132.2E6	58.925	62.682m
8)	B Heptachlo...	6.996	7.956	49304855	115.2E6	58.400	58.557
9)	A Endosulfan I	7.398	8.361	45655644	104.0E6	59.674	61.053
10)	B gamma-Chl...	7.273	8.226	50287426	115.7E6	58.708	59.291
11)	B alpha-Chl...	7.343	8.307	49841478	112.0E6	58.683	60.093
12)	B 4,4'-DDE	7.558	8.496	46256810	109.0E6	62.074	61.605
13)	MA Dieldrin	7.684	8.650	50058739	114.1E6	60.776	61.476
14)	MA Endrin	7.976	8.889	44817790	92937404	60.240	61.668
15)	B Endosulfa...	8.287	9.125	45227737	95067609	62.861	63.941
16)	A 4,4'-DDD	8.144	9.036	39019051	84164447	65.765	64.811
17)	MA 4,4'-DDT	8.404	9.352	40116757	86993940	62.226	63.718
18)	B Endrin al...	8.476	9.259	36973286	75761130	63.740	65.524
19)	B Endosulfa...	8.707	9.497	44193331	87460559	59.831	62.159
20)	A Methoxychlor	8.999	9.840	23895373	43165280	64.126	66.406
21)	B Endrin ke...	9.225	9.994	52936418	94937983	67.303	69.901
22)	Mirex	9.407	10.456	46551497	76519277	64.409	70.418

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
 Data File : PL071659.D
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 Acq On : 27 Dec 2021 19:25
 Operator : AR\AJ
 Sample : M5065-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

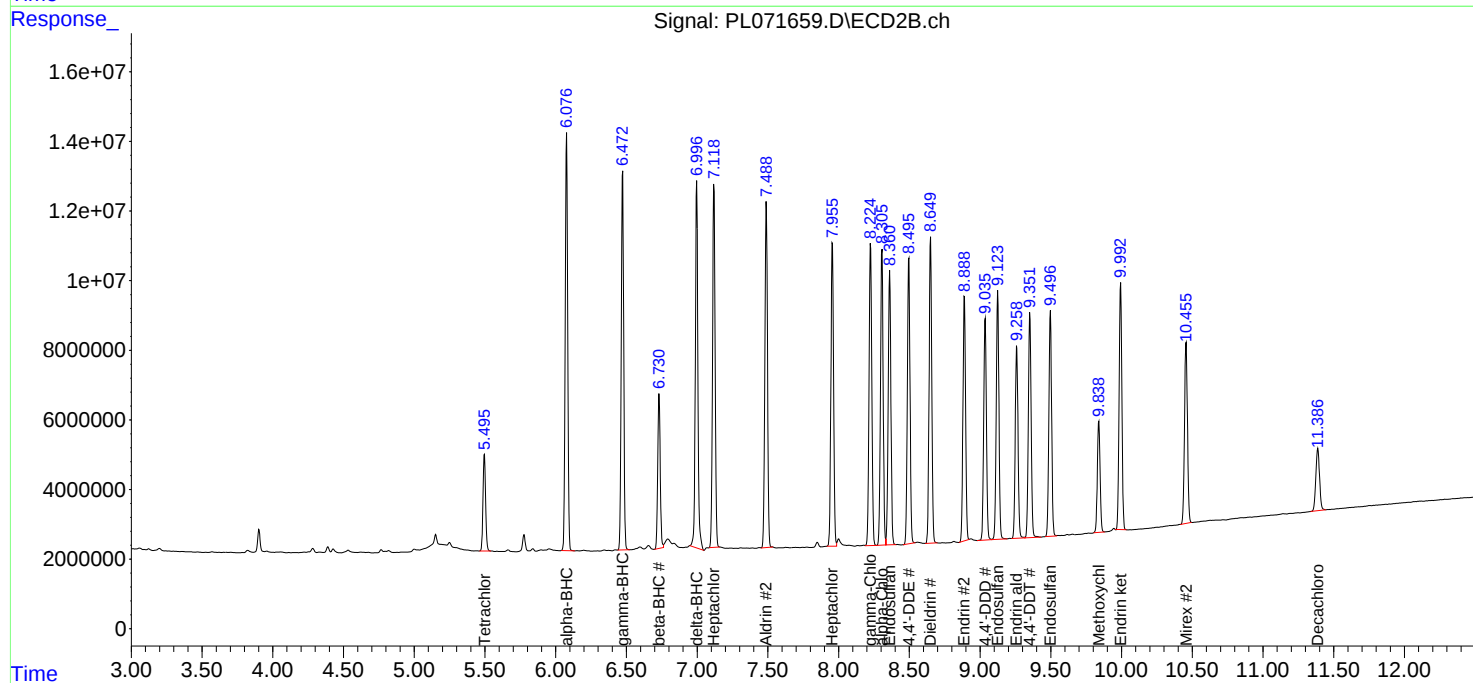
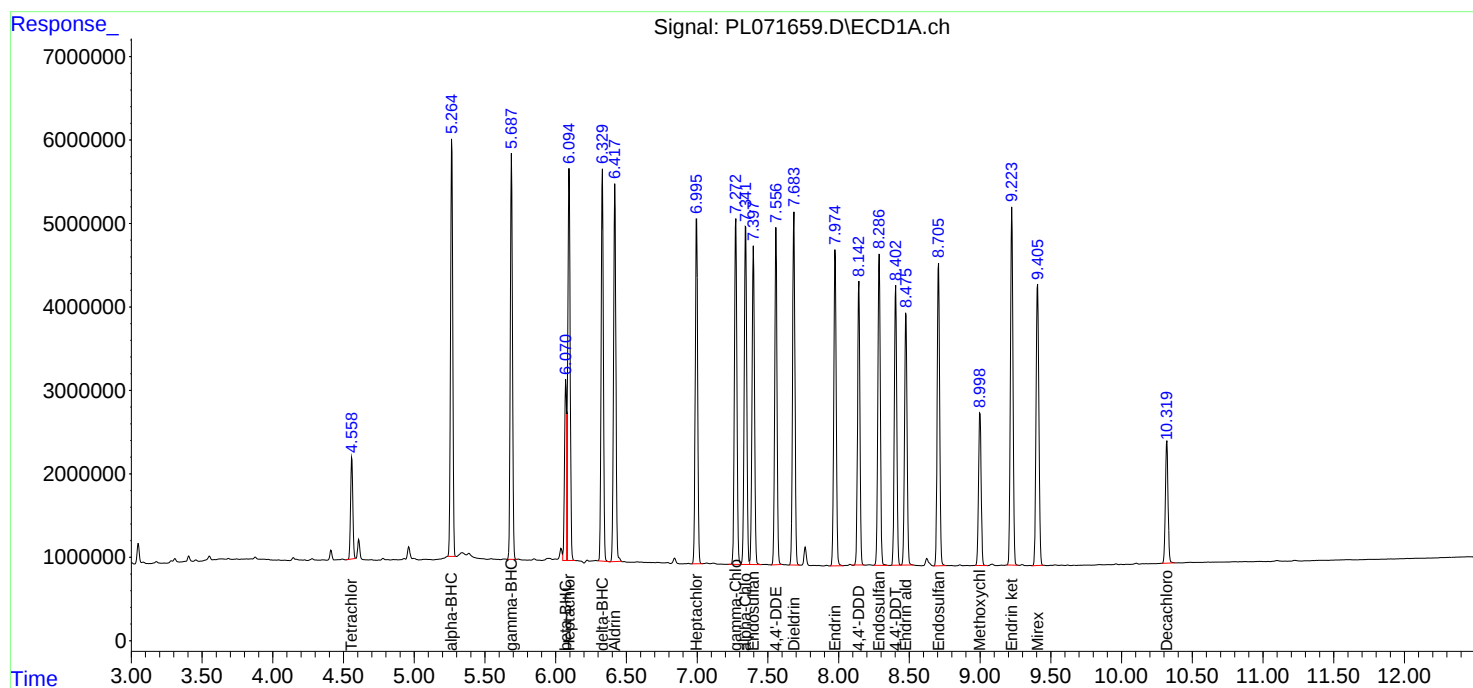
Instrument :
 ECD_L
 ClientSampleId :
 UV-1WCMS

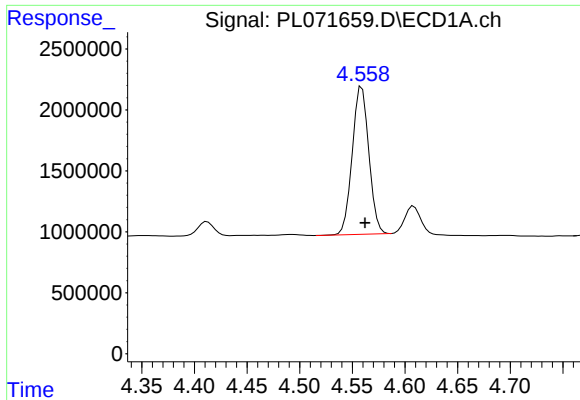
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
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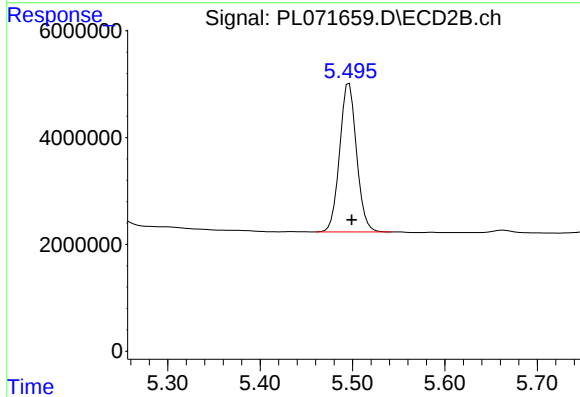
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 13324473
Conc: 20.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

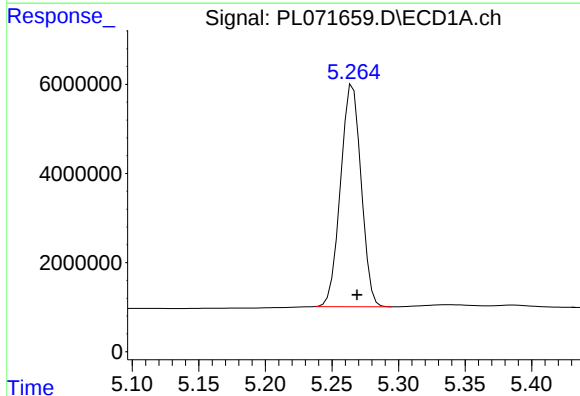
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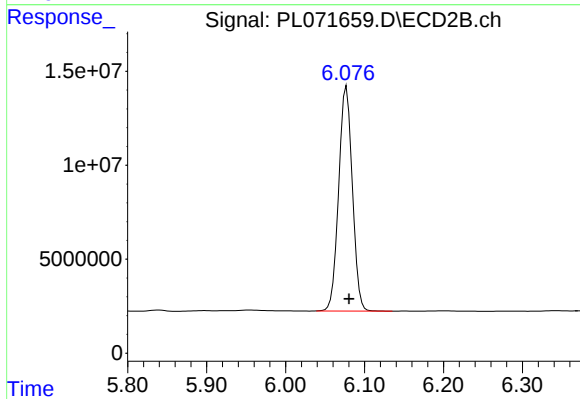
#1 Tetrachloro-m-xylene

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 35386246
Conc: 20.74 ng/ml



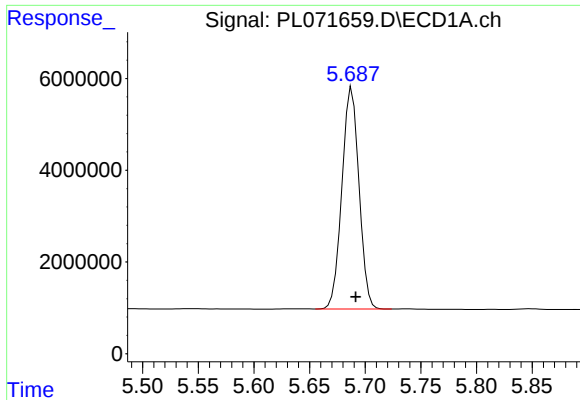
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 53656762
Conc: 59.02 ng/ml



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 143611548
Conc: 58.83 ng/ml



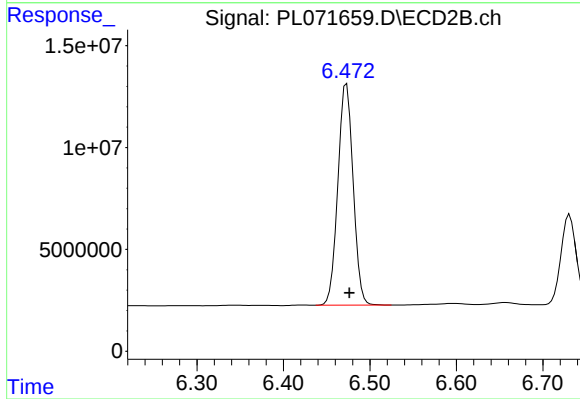
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 51594942
Conc: 58.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

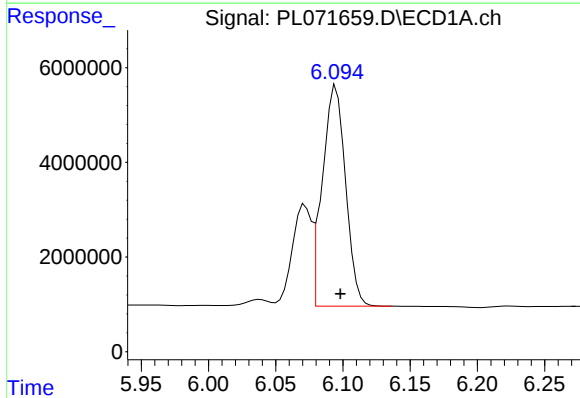
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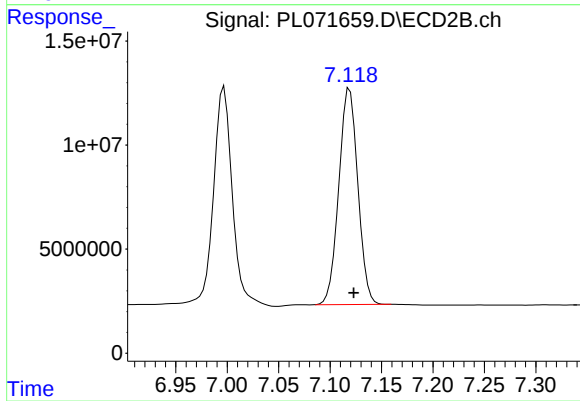
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 132389705
Conc: 58.40 ng/ml



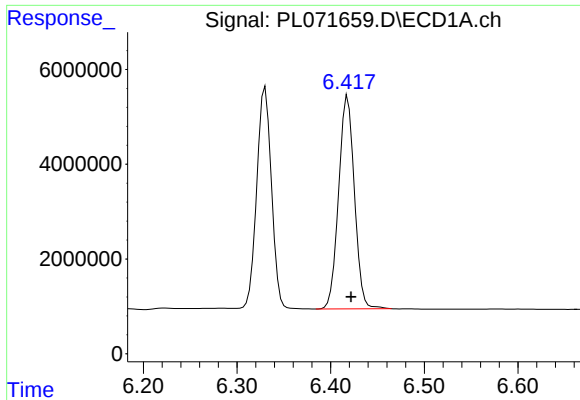
#4 Heptachlor

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 55701863
Conc: 57.94 ng/ml



#4 Heptachlor

R.T.: 7.119 min
Delta R.T.: -0.004 min
Response: 133869374
Conc: 57.94 ng/ml



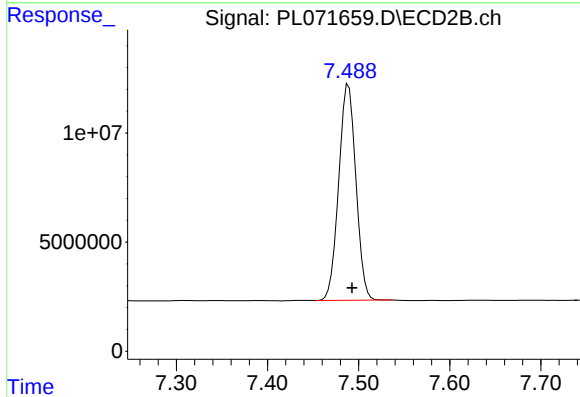
#5 Aldrin

R.T.: 6.418 min
Delta R.T.: -0.003 min
Response: 52711665
Conc: 59.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

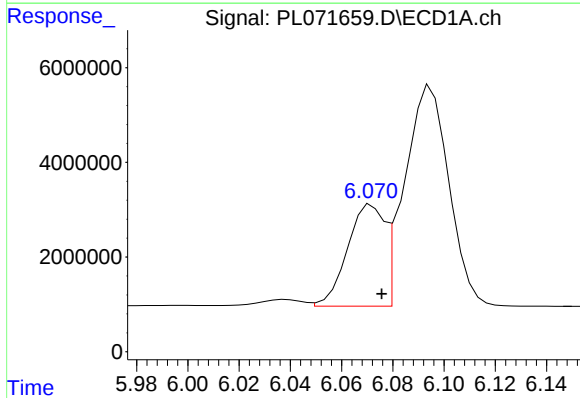
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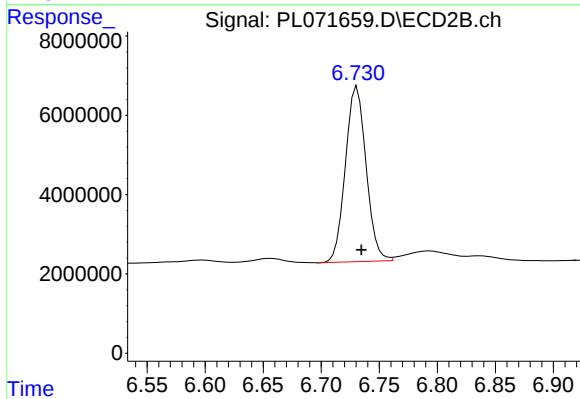
#5 Aldrin

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 129675243
Conc: 58.85 ng/ml



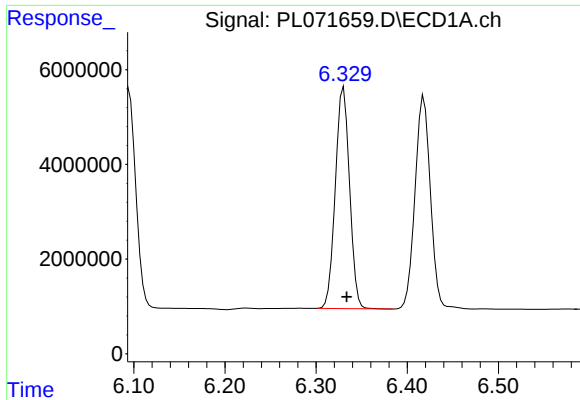
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 21479665
Conc: 56.52 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: -0.004 min
Response: 54736704
Conc: 53.17 ng/ml



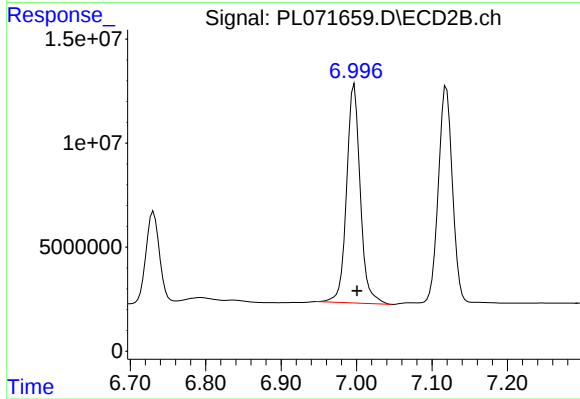
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 50719748
Conc: 58.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

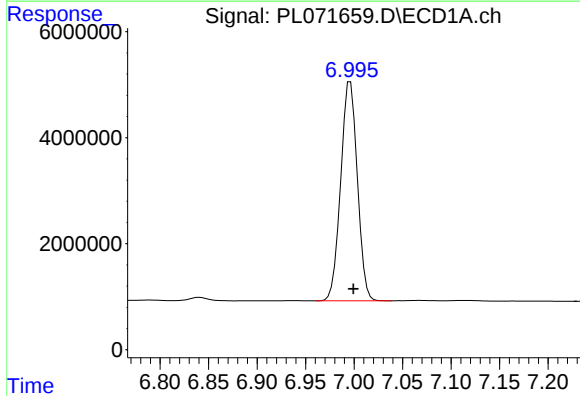
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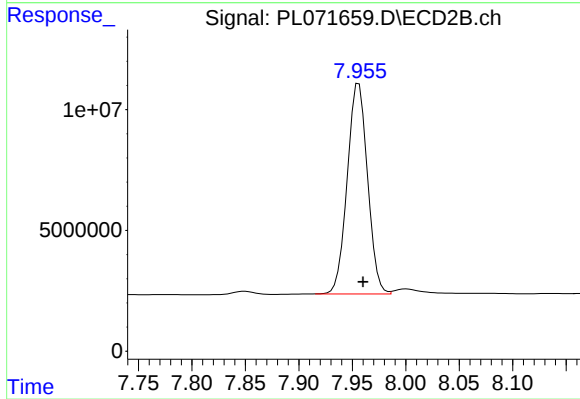
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: -0.005 min
Response: 132178553
Conc: 62.68 ng/ml m



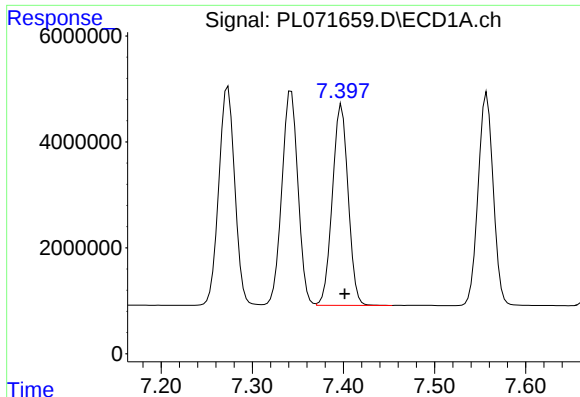
#8 Heptachlor epoxide

R.T.: 6.996 min
Delta R.T.: -0.003 min
Response: 49304855
Conc: 58.40 ng/ml



#8 Heptachlor epoxide

R.T.: 7.956 min
Delta R.T.: -0.004 min
Response: 115189514
Conc: 58.56 ng/ml



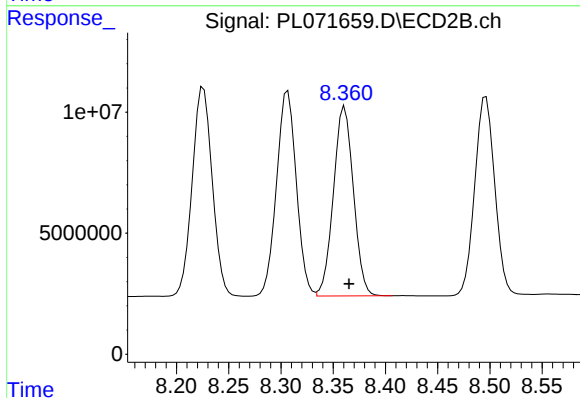
#9 Endosulfan I

R.T.: 7.398 min
Delta R.T.: -0.003 min
Response: 45655644
Conc: 59.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

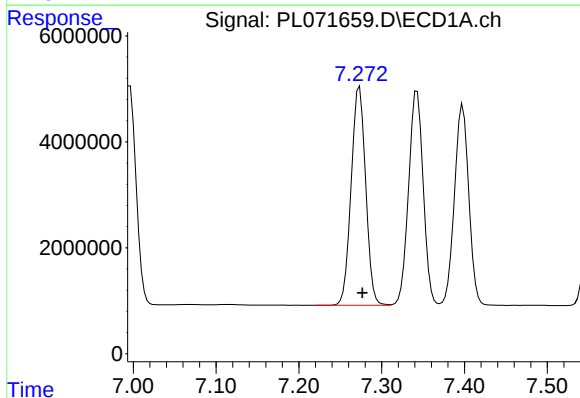
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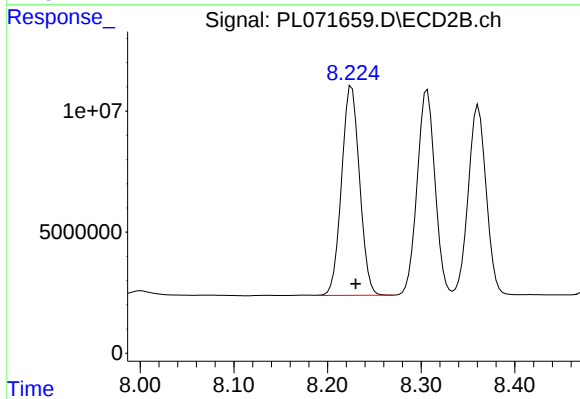
#9 Endosulfan I

R.T.: 8.361 min
Delta R.T.: -0.004 min
Response: 103970514
Conc: 61.05 ng/ml



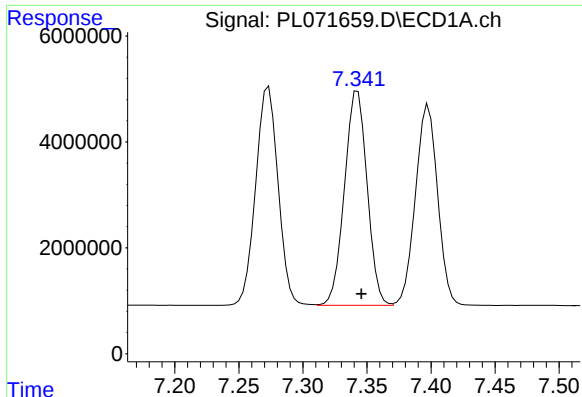
#10 gamma-Chlordane

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 50287426
Conc: 58.71 ng/ml



#10 gamma-Chlordane

R.T.: 8.226 min
Delta R.T.: -0.004 min
Response: 115658650
Conc: 59.29 ng/ml



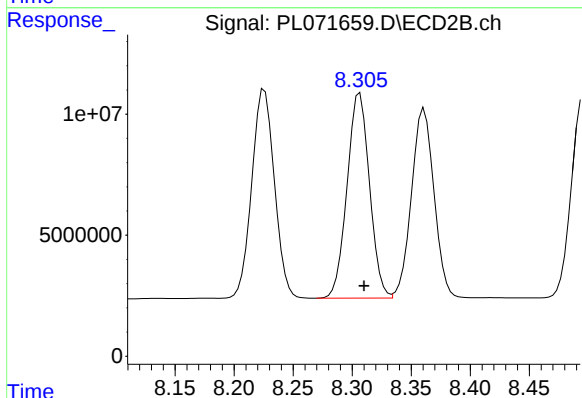
#11 alpha-Chlordane

R.T.: 7.343 min
Delta R.T.: -0.003 min
Response: 49841478
Conc: 58.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

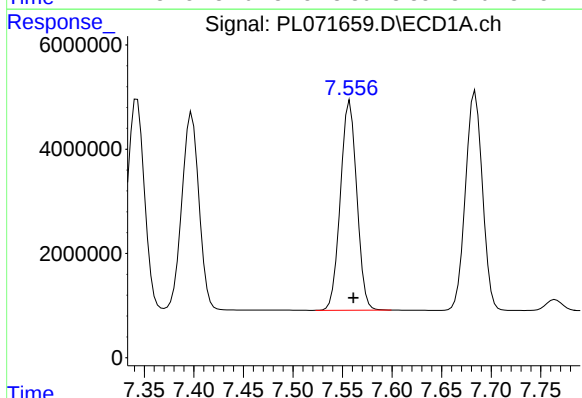
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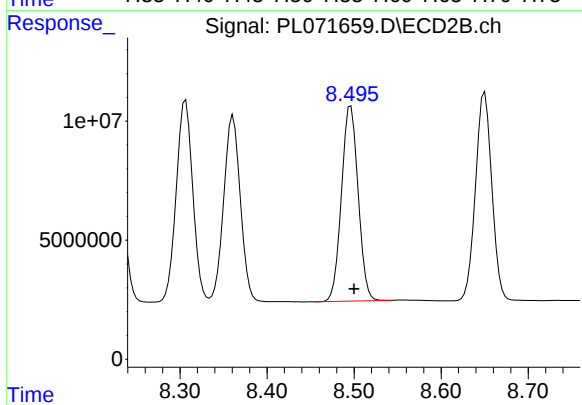
#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: -0.003 min
Response: 112002555
Conc: 60.09 ng/ml



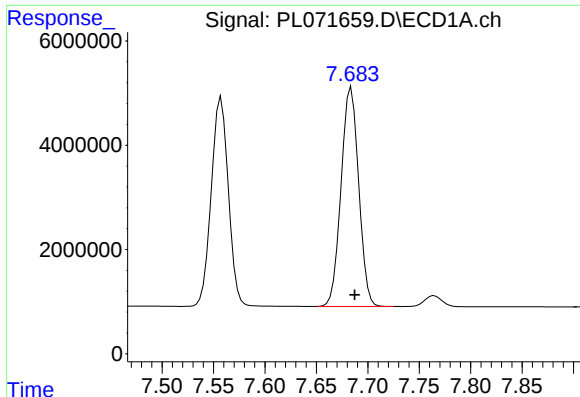
#12 4,4'-DDE

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 46256810
Conc: 62.07 ng/ml



#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 109032639
Conc: 61.61 ng/ml



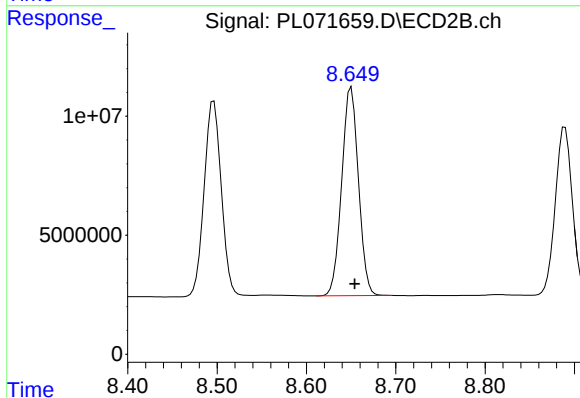
#13 Dieldrin

R.T.: 7.684 min
Delta R.T.: -0.004 min
Response: 50058739
Conc: 60.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

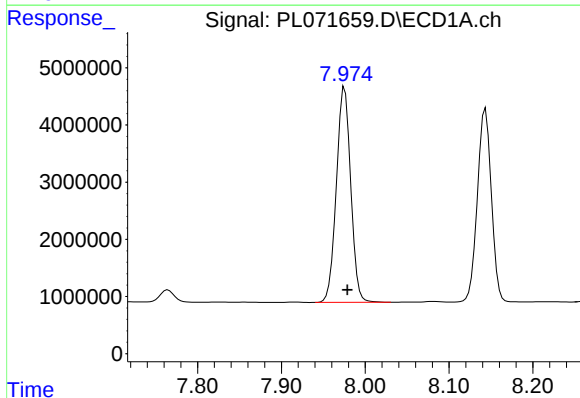
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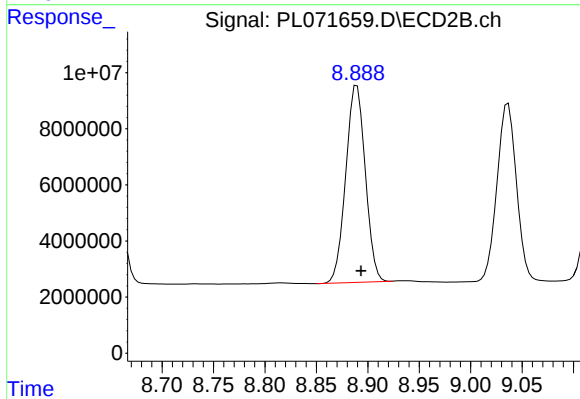
#13 Dieldrin

R.T.: 8.650 min
Delta R.T.: -0.004 min
Response: 114070417
Conc: 61.48 ng/ml



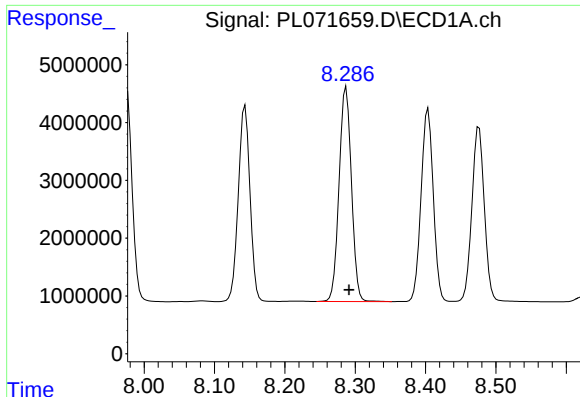
#14 Endrin

R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 44817790
Conc: 60.24 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: -0.004 min
Response: 92937404
Conc: 61.67 ng/ml



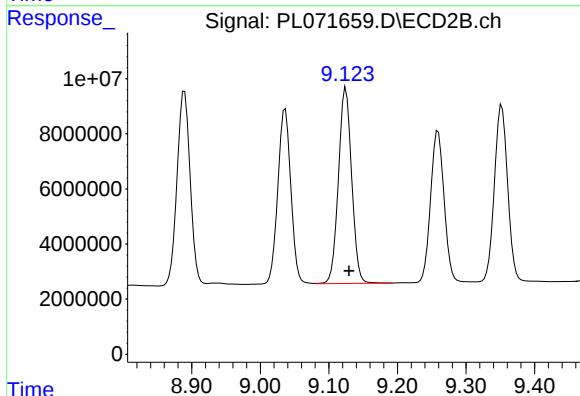
#15 Endosulfan II

R.T.: 8.287 min
Delta R.T.: -0.004 min
Response: 45227737
Conc: 62.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

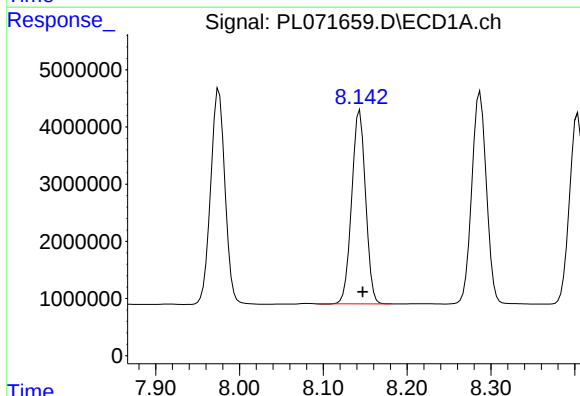
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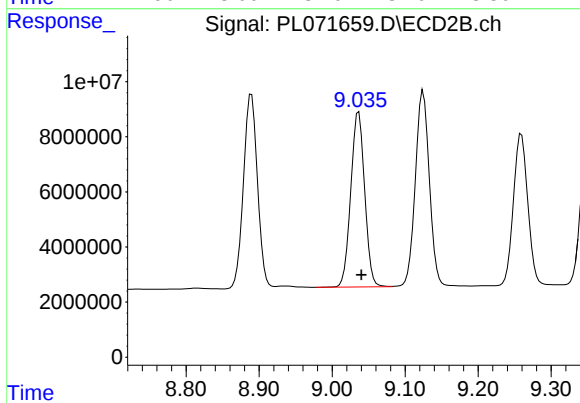
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: -0.005 min
Response: 95067609
Conc: 63.94 ng/ml



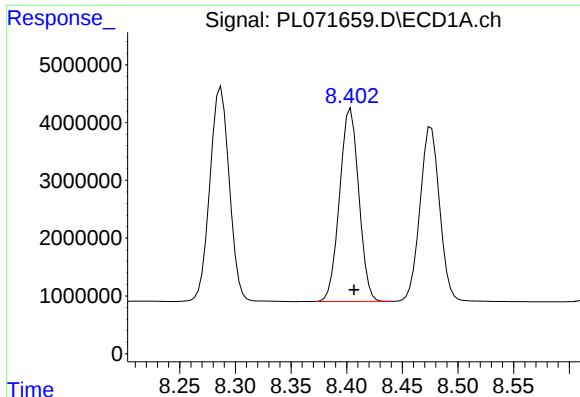
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: -0.003 min
Response: 39019051
Conc: 65.77 ng/ml



#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: -0.004 min
Response: 84164447
Conc: 64.81 ng/ml



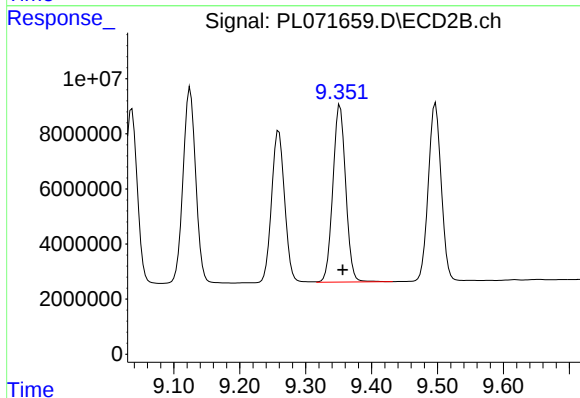
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: -0.003 min
Response: 40116757
Conc: 62.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

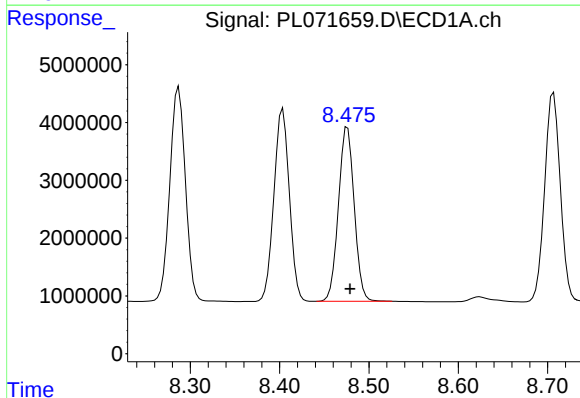
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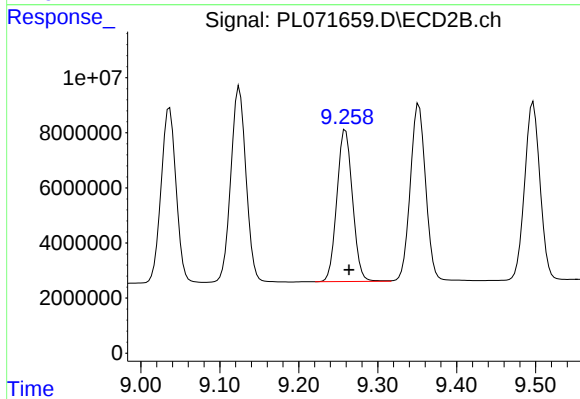
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: -0.004 min
Response: 86993940
Conc: 63.72 ng/ml



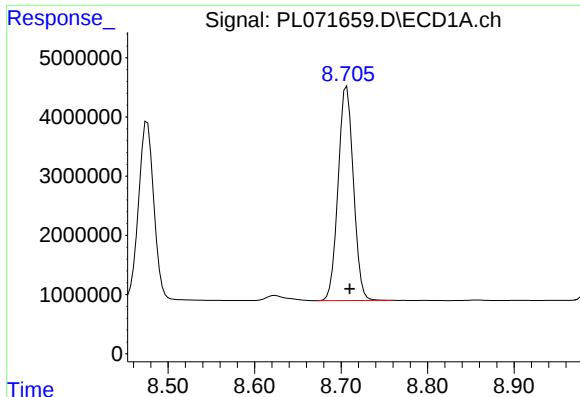
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: -0.003 min
Response: 36973286
Conc: 63.74 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: -0.005 min
Response: 75761130
Conc: 65.52 ng/ml



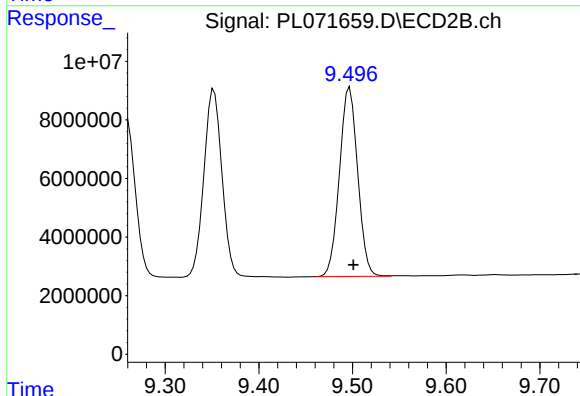
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: -0.003 min
Response: 44193331
Conc: 59.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

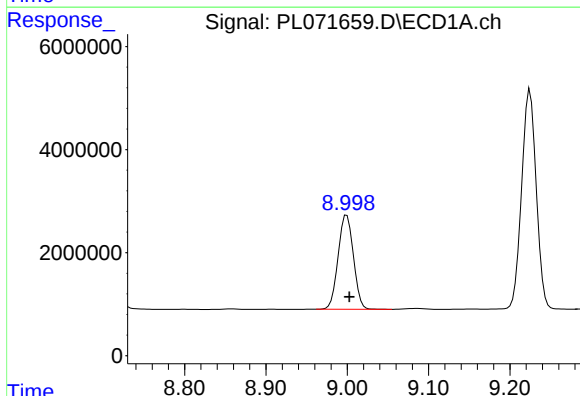
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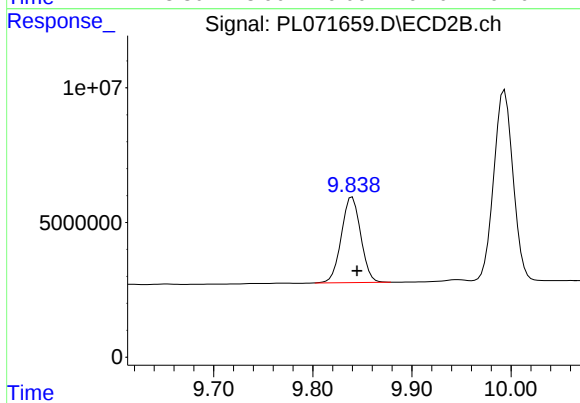
#19 Endosulfan Sulfate

R.T.: 9.497 min
Delta R.T.: -0.004 min
Response: 87460559
Conc: 62.16 ng/ml



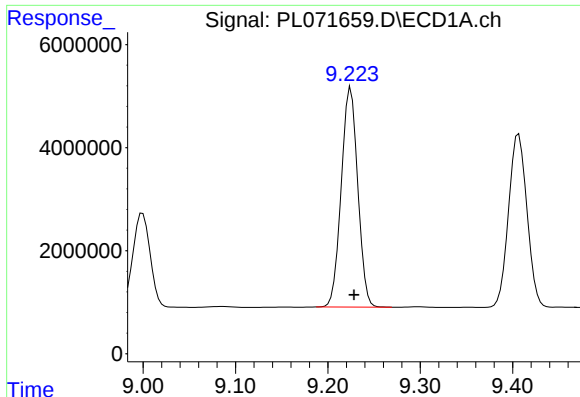
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: -0.003 min
Response: 23895373
Conc: 64.13 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: -0.005 min
Response: 43165280
Conc: 66.41 ng/ml



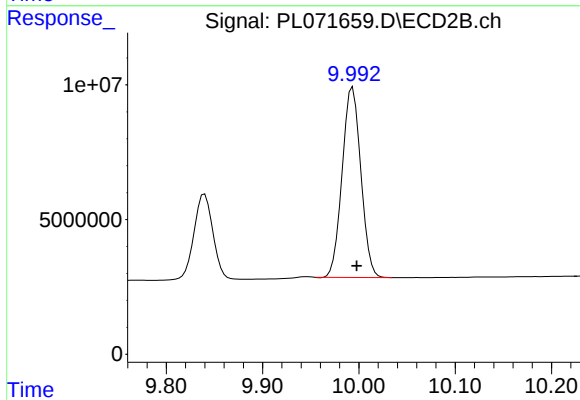
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: -0.004 min
Response: 52936418
Conc: 67.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

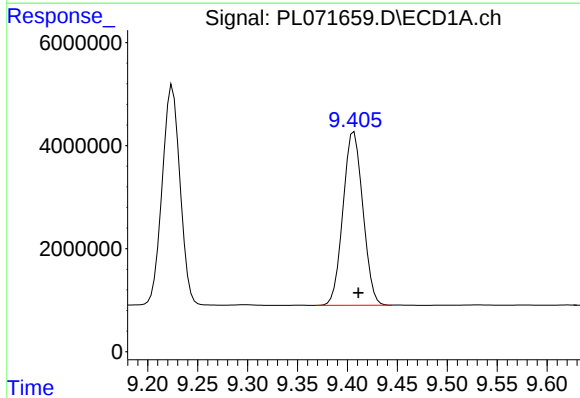
Manual Integrations
APPROVED

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



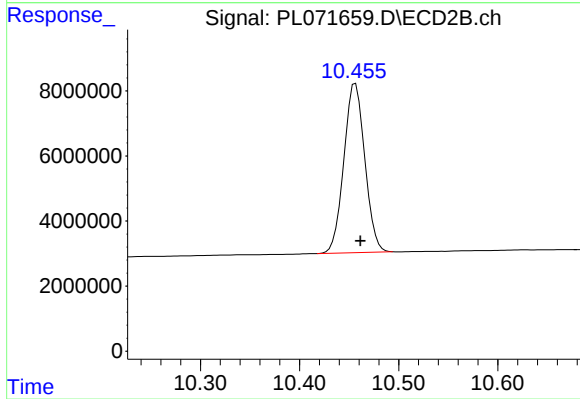
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: -0.004 min
Response: 94937983
Conc: 69.90 ng/ml



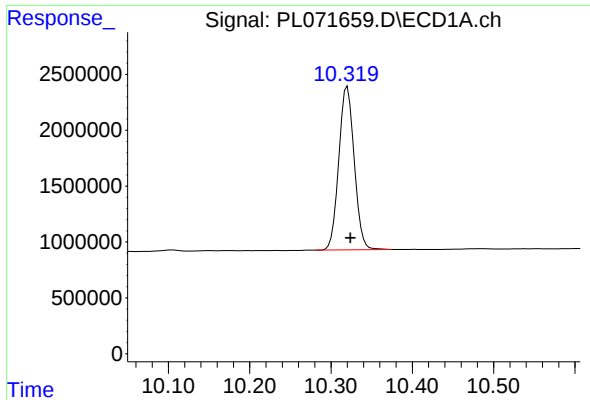
#22 Mirex

R.T.: 9.407 min
Delta R.T.: -0.004 min
Response: 46551497
Conc: 64.41 ng/ml



#22 Mirex

R.T.: 10.456 min
Delta R.T.: -0.005 min
Response: 76519277
Conc: 70.42 ng/ml



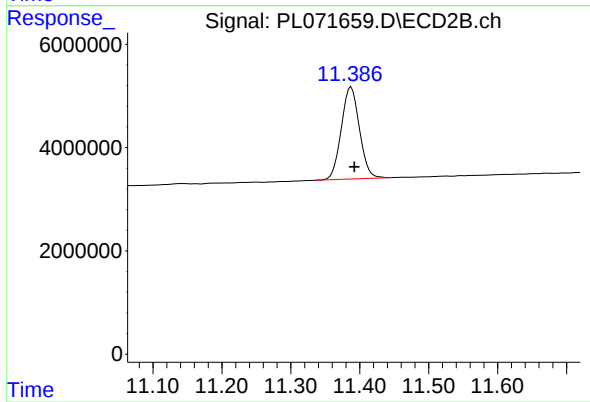
#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: -0.004 min
Response: 19236986
Conc: 25.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
UV-1WCMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.005 min
Response: 32671931
Conc: 26.07 ng/ml