

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122821\
 Data File : PL071699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 13:32
 Operator : AR\AJ
 Sample : PB141704BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB141704BS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 00:22:54 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...	4.560	5.496	12860879	33105655	19.822	19.401
28)	SA Decachlor...	10.322	11.388	18154042	28577684	24.385	22.802
Target Compounds							
2)	A alpha-BHC	5.267	6.077	45144165	119.0E6	49.658	48.764
3)	MA gamma-BHC...	5.690	6.473	43533771	109.5E6	49.664	48.291
4)	MA Heptachlor	6.096	7.120	41810522	100.2E6	43.491	43.381
5)	MB Aldrin	6.420	7.490	42783106	102.6E6	47.915	46.586
6)	B beta-BHC	6.074	6.732	19518108	48321636	51.361	46.938
7)	B delta-BHC	6.332	6.996	42341136	104.7E6	49.191	49.665m
8)	B Heptachlo...	6.997	7.957	41500742	94296901	49.156	47.936
9)	A Endosulfan I	7.399	8.362	38920138	84210401	50.871	49.449
10)	B gamma-Chl...	7.274	8.225	42140426	92157813	49.197	47.244m
11)	B alpha-Chl...	7.344	8.307	41818122	89332005	49.236	47.930
12)	B 4,4'-DDE	7.559	8.497	38149955	85791458	51.195	48.474
13)	MA Dieldrin	7.685	8.651	39999261	86248767	48.563	46.482
14)	MA Endrin	7.976	8.890	33483399	65547706	45.005	43.494
15)	B Endosulfa...	8.288	9.124	37363491	71433746	51.931	48.045m
16)	A 4,4'-DDD	8.144	9.037	32047175	63952776	54.014	49.247
17)	MA 4,4'-DDT	8.405	9.352	31308315	63387567	48.563	46.428m
18)	B Endrin al...	8.477	9.260	30294722	58052204	52.226	50.208
19)	B Endosulfa...	8.708	9.498	34968064	65037371	47.342	46.223
20)	A Methoxychlor	9.001	9.841	17633026	29288241	47.320	45.057
21)	B Endrin ke...	9.226	9.995	43673910	72631679	55.527	53.477
22)	Mirex	9.408	10.458	35807840	54390418	49.544	50.053

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122821\
 Data File : PL071699.D
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 Acq On : 28 Dec 2021 13:32
 Operator : AR\AJ
 Sample : PB141704BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

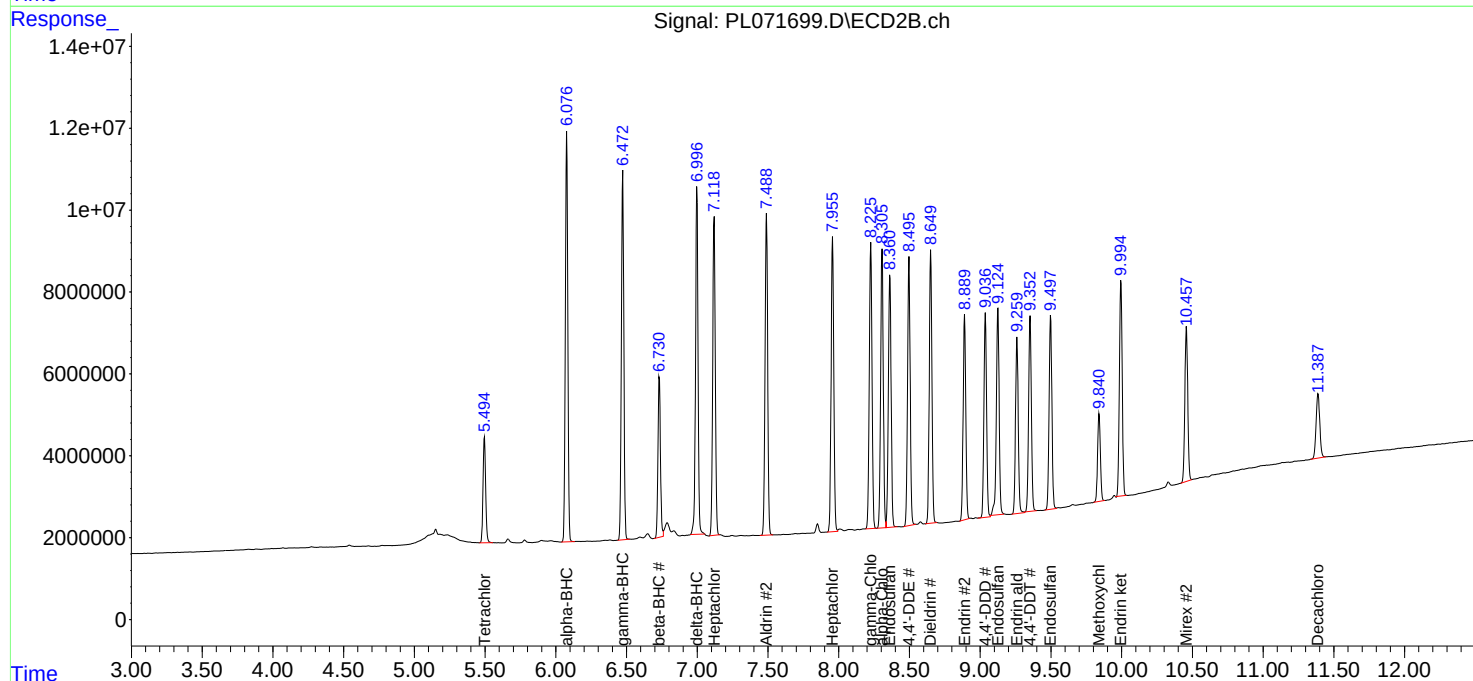
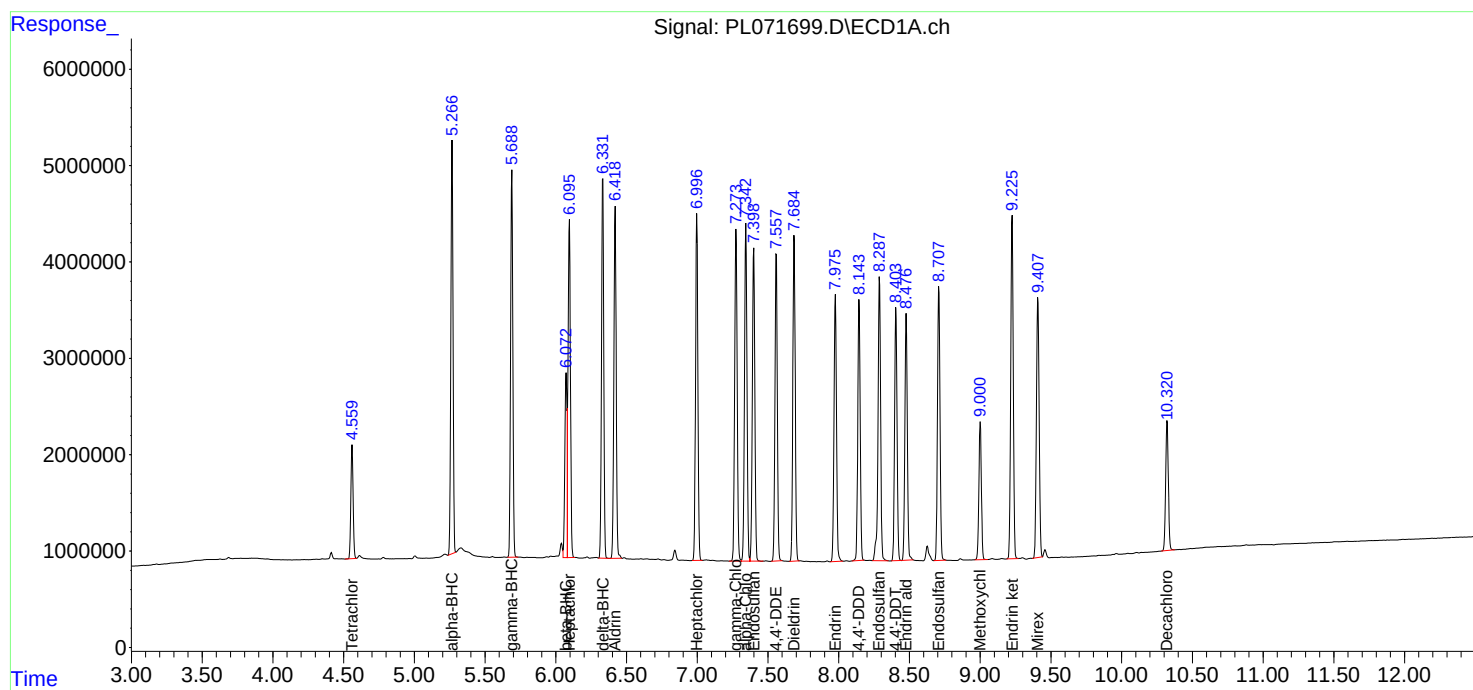
Instrument :
 ECD_L
 ClientSampleId :
 PB141704BS

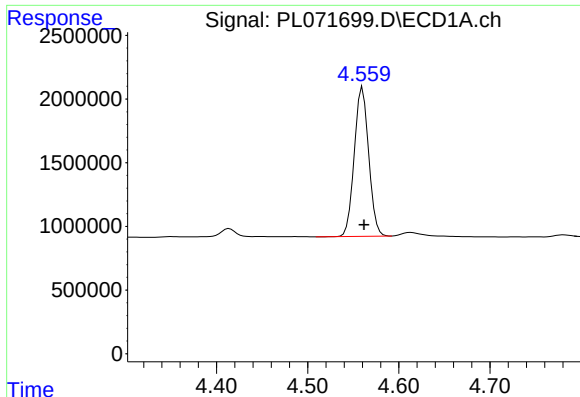
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 00:22:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





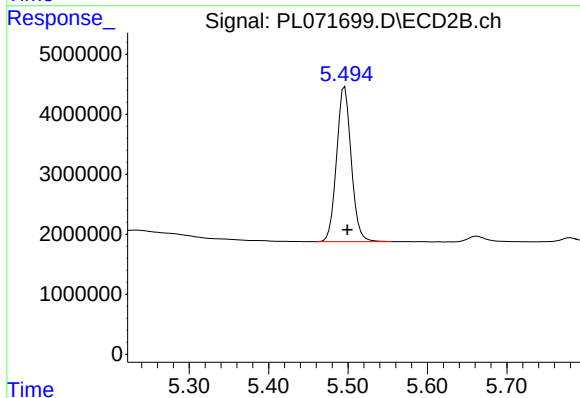
#1 Tetrachloro-m-xylene

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 12860879
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

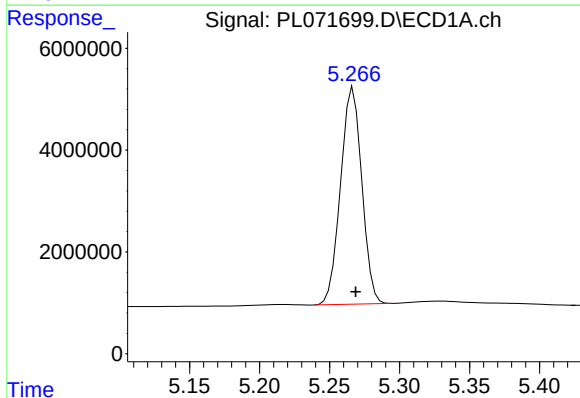
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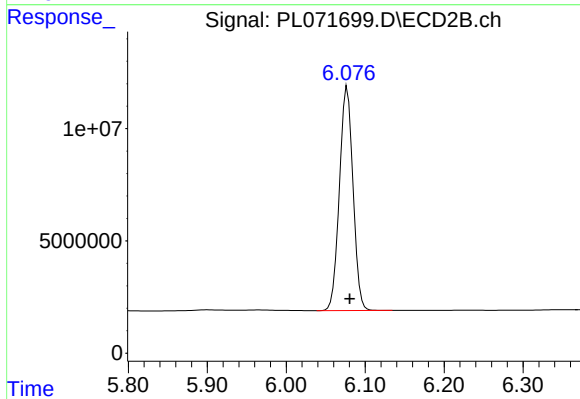
#1 Tetrachloro-m-xylene

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 33105655
Conc: 19.40 ng/ml



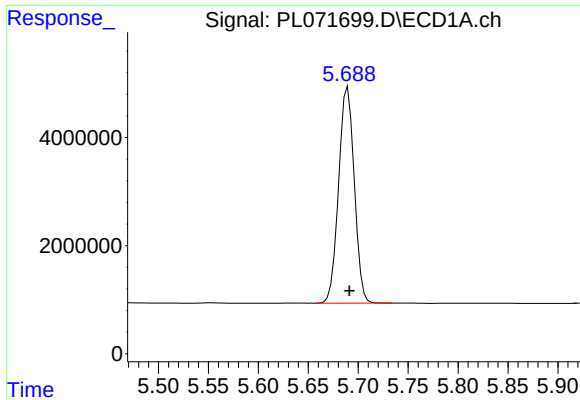
#2 alpha-BHC

R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 45144165
Conc: 49.66 ng/ml



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 119048067
Conc: 48.76 ng/ml



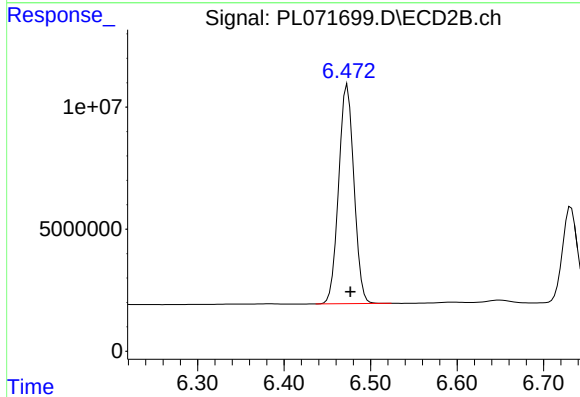
#3 gamma-BHC (Lindane)

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 43533771
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

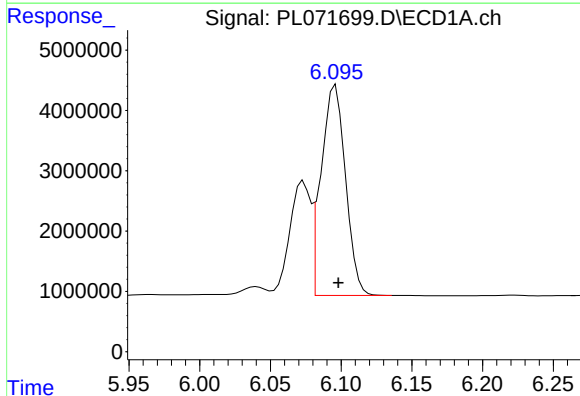
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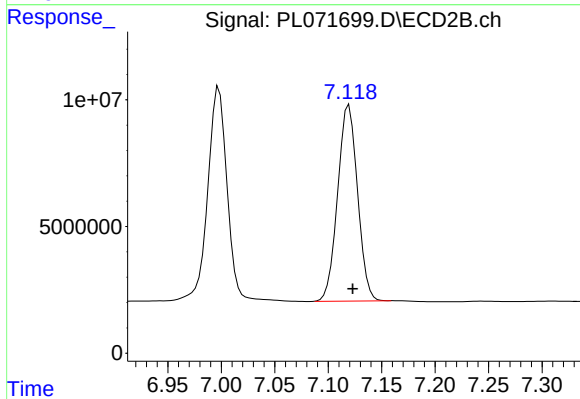
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 109474943
Conc: 48.29 ng/ml



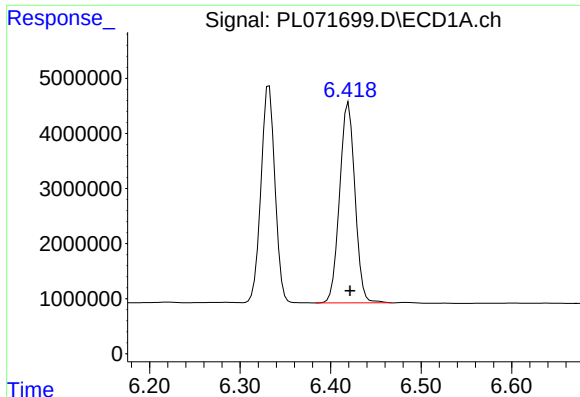
#4 Heptachlor

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 41810522
Conc: 43.49 ng/ml



#4 Heptachlor

R.T.: 7.120 min
Delta R.T.: -0.003 min
Response: 100240310
Conc: 43.38 ng/ml



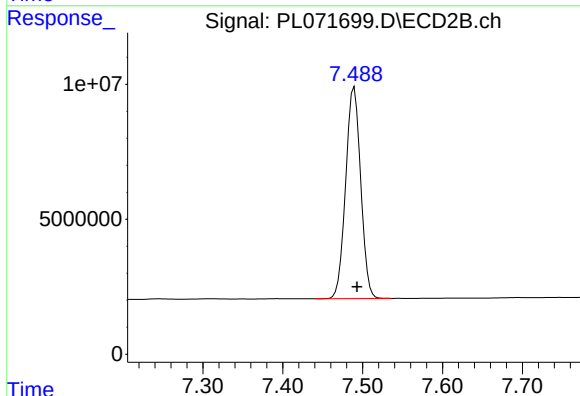
#5 Aldrin

R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 42783106
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

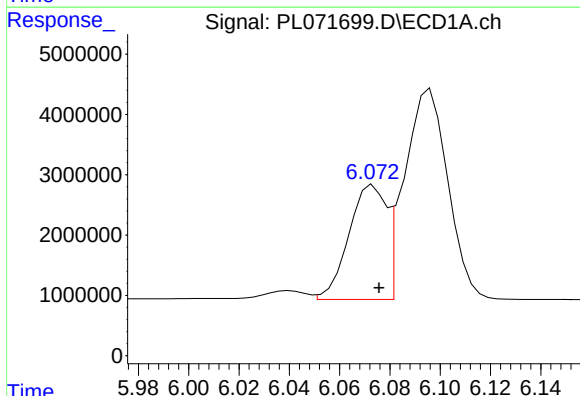
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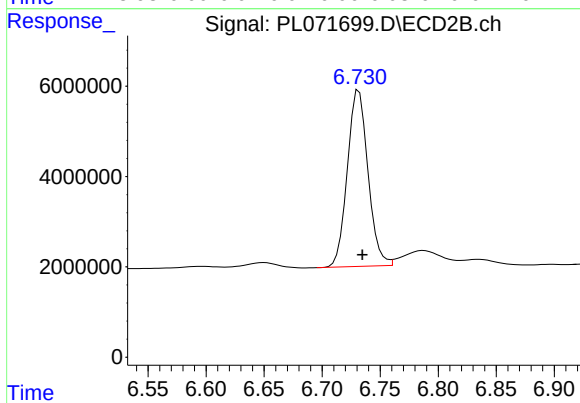
#5 Aldrin

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 102645135
Conc: 46.59 ng/ml



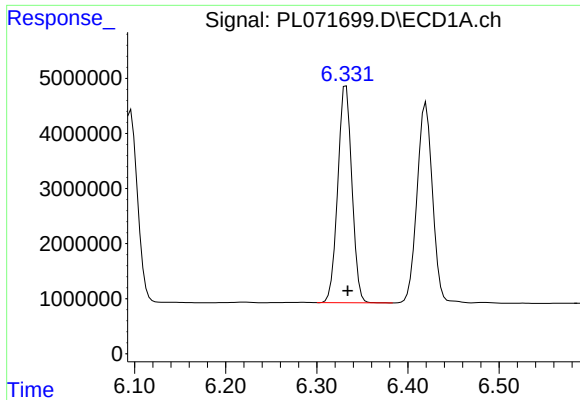
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 19518108
Conc: 51.36 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 48321636
Conc: 46.94 ng/ml



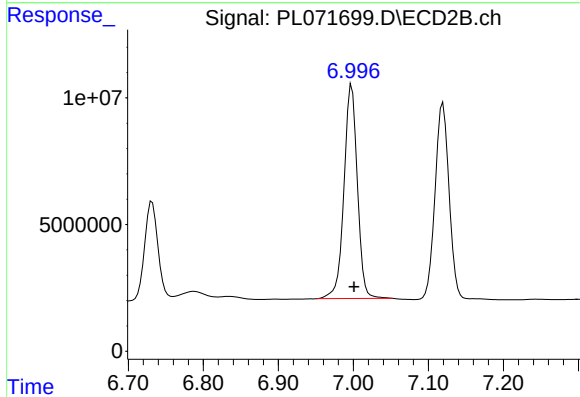
#7 delta-BHC

R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 42341136
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

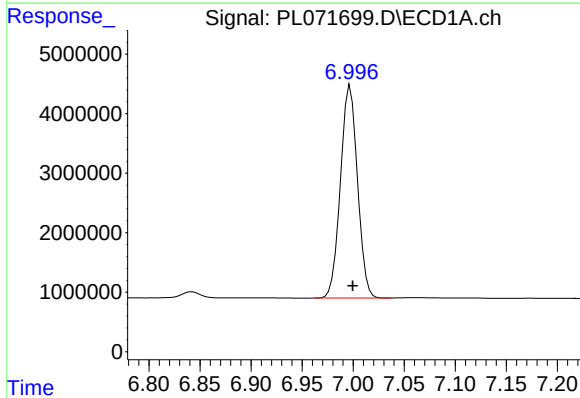
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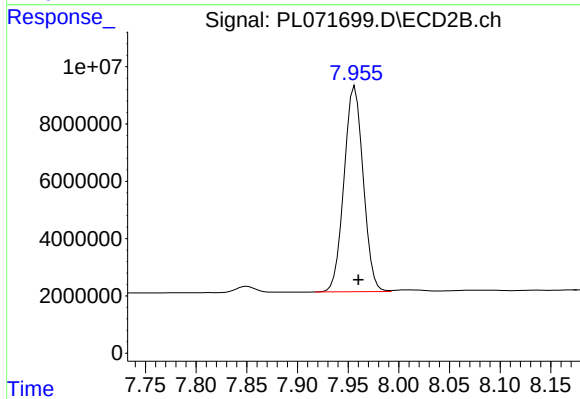
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: -0.004 min
Response: 104730200
Conc: 49.67 ng/ml m



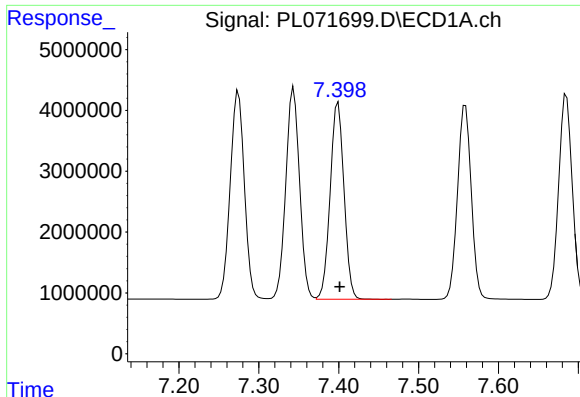
#8 Heptachlor epoxide

R.T.: 6.997 min
Delta R.T.: -0.002 min
Response: 41500742
Conc: 49.16 ng/ml



#8 Heptachlor epoxide

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 94296901
Conc: 47.94 ng/ml



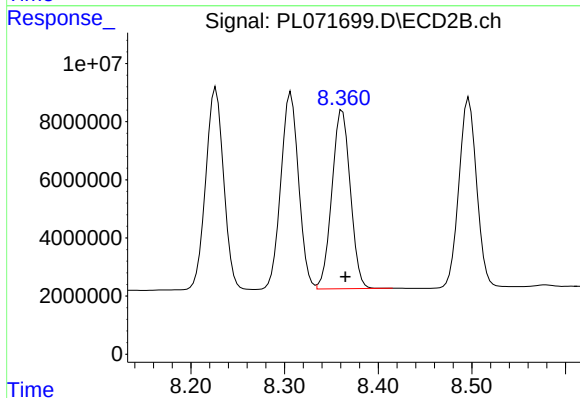
#9 Endosulfan I

R.T.: 7.399 min
Delta R.T.: -0.002 min
Response: 38920138
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

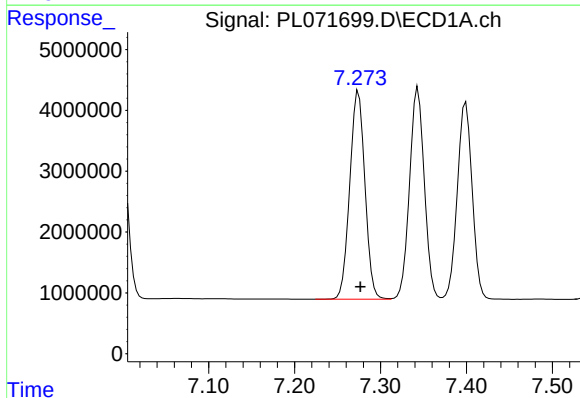
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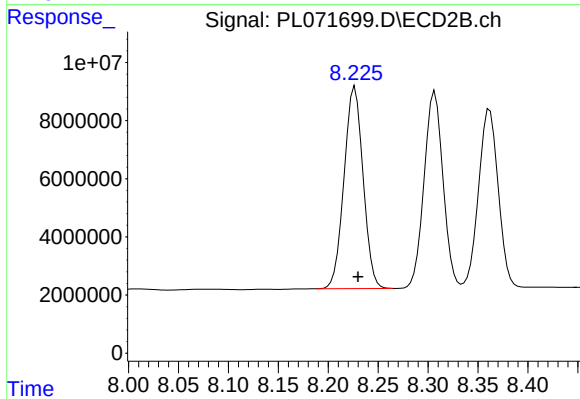
#9 Endosulfan I

R.T.: 8.362 min
Delta R.T.: -0.003 min
Response: 84210401
Conc: 49.45 ng/ml



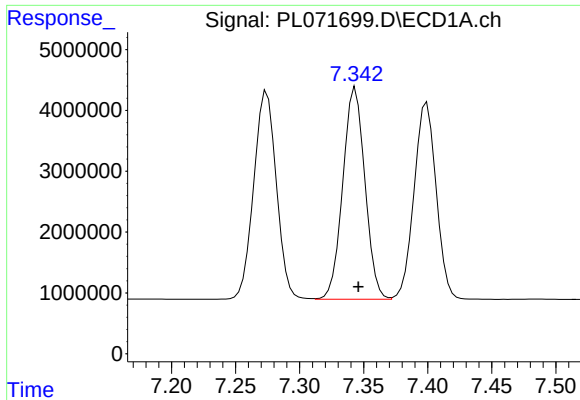
#10 gamma-Chlordane

R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 42140426
Conc: 49.20 ng/ml



#10 gamma-Chlordane

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 92157813
Conc: 47.24 ng/ml m



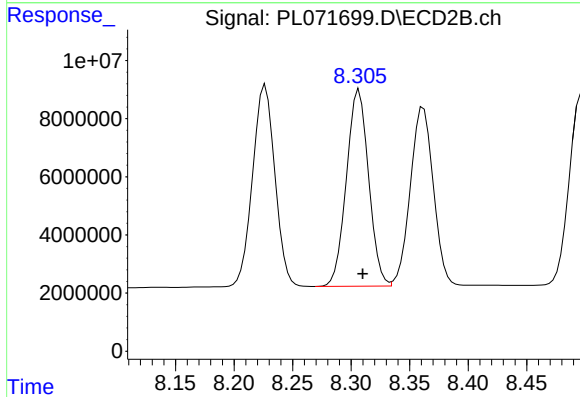
#11 alpha-Chlordane

R.T.: 7.344 min
Delta R.T.: -0.002 min
Response: 41818122
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

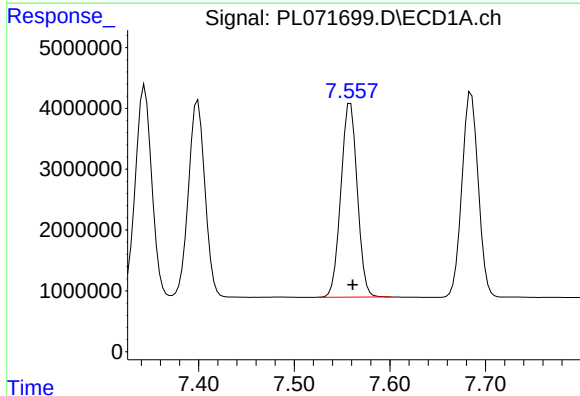
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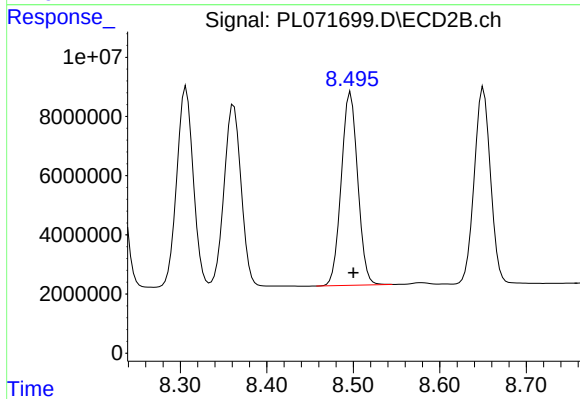
#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: -0.003 min
Response: 89332005
Conc: 47.93 ng/ml



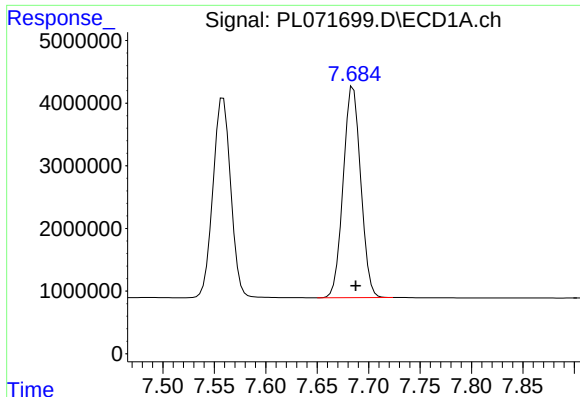
#12 4,4'-DDE

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 38149955
Conc: 51.19 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 85791458
Conc: 48.47 ng/ml



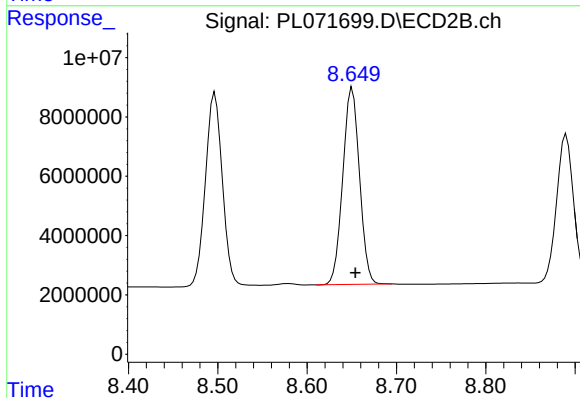
#13 Dieldrin

R.T.: 7.685 min
Delta R.T.: -0.002 min
Response: 39999261
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

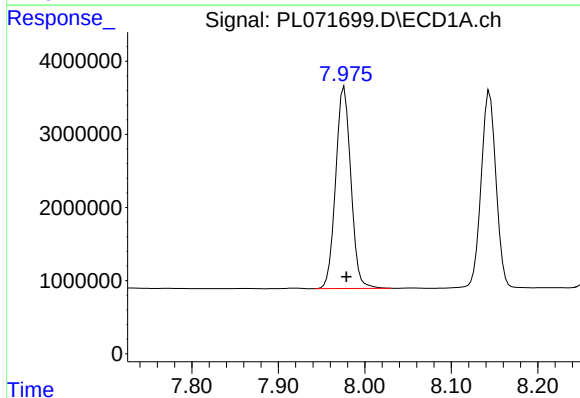
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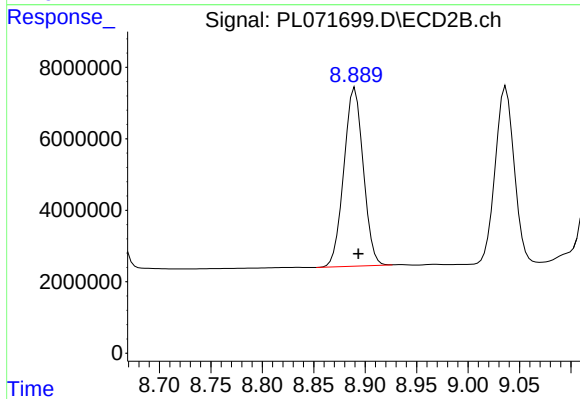
#13 Dieldrin

R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 86248767
Conc: 46.48 ng/ml



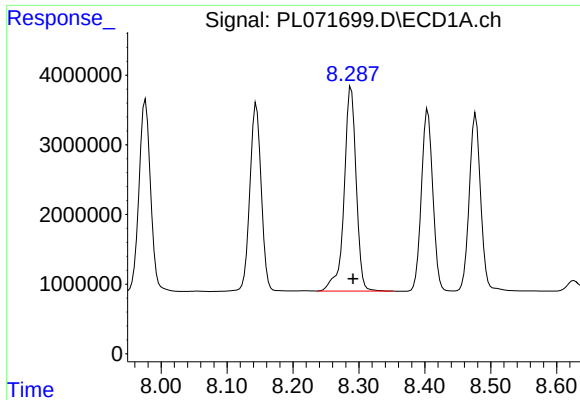
#14 Endrin

R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 33483399
Conc: 45.01 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 65547706
Conc: 43.49 ng/ml



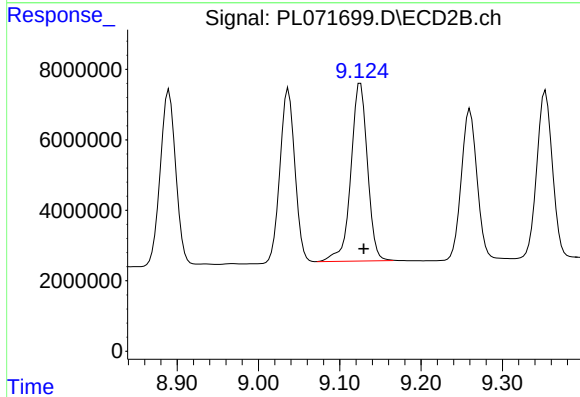
#15 Endosulfan II

R.T.: 8.288 min
Delta R.T.: -0.003 min
Response: 37363491
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

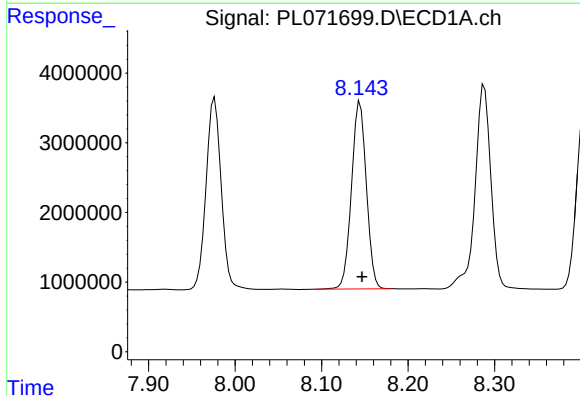
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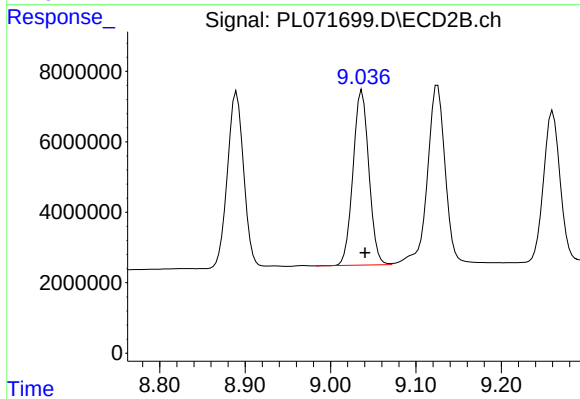
#15 Endosulfan II

R.T.: 9.124 min
Delta R.T.: -0.005 min
Response: 71433746
Conc: 48.05 ng/ml m



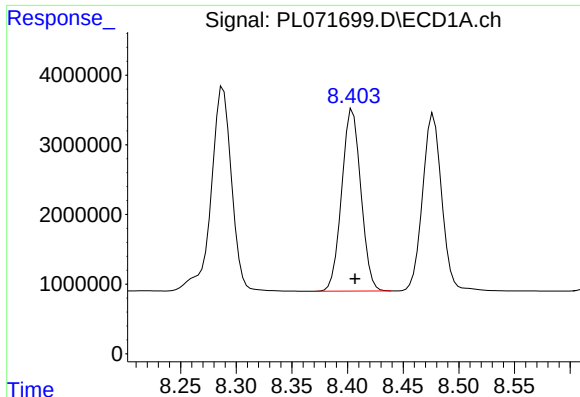
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: -0.003 min
Response: 32047175
Conc: 54.01 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.004 min
Response: 63952776
Conc: 49.25 ng/ml



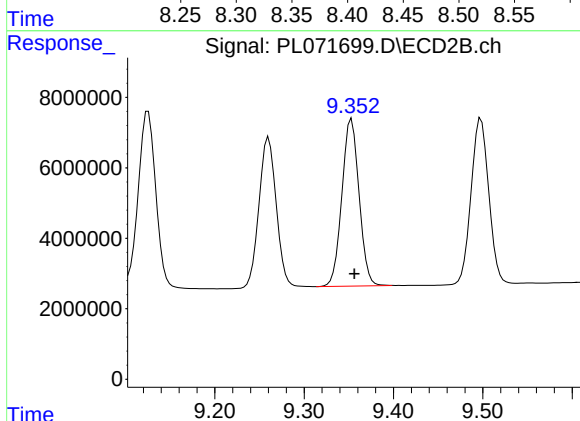
#17 4,4'-DDT

R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 31308315
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

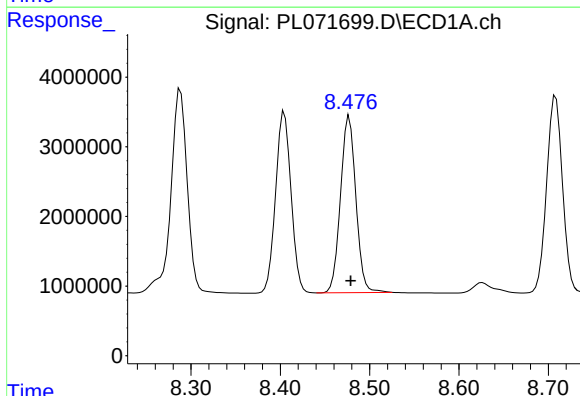
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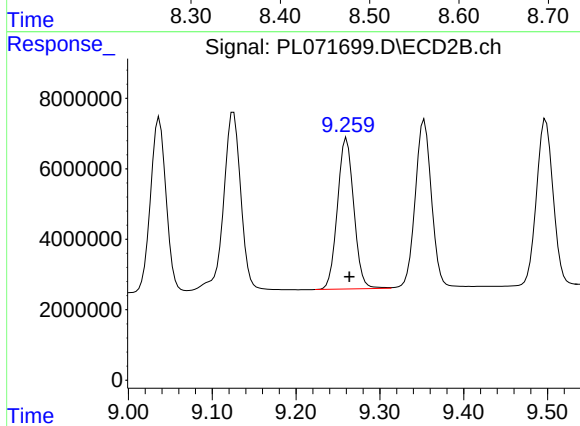
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: -0.004 min
Response: 63387567
Conc: 46.43 ng/ml m



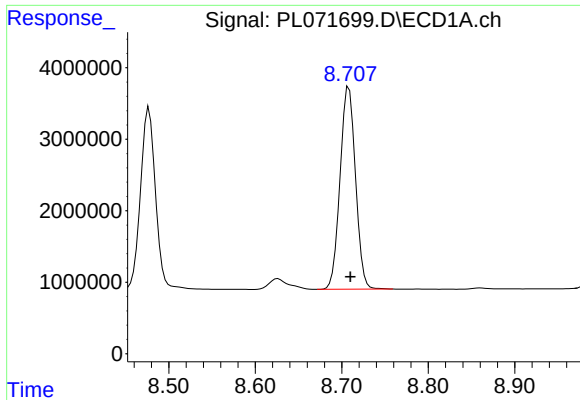
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 30294722
Conc: 52.23 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: -0.003 min
Response: 58052204
Conc: 50.21 ng/ml



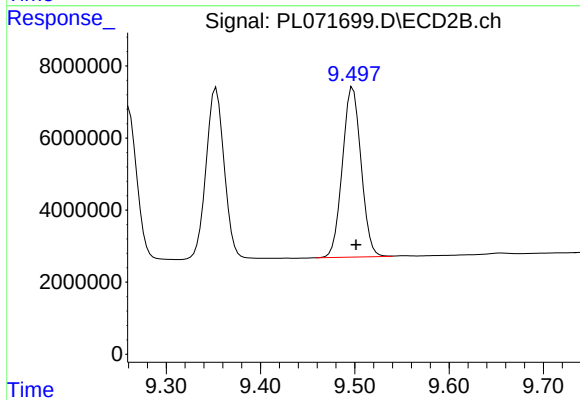
#19 Endosulfan Sulfate

R.T.: 8.708 min
Delta R.T.: -0.002 min
Response: 34968064
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

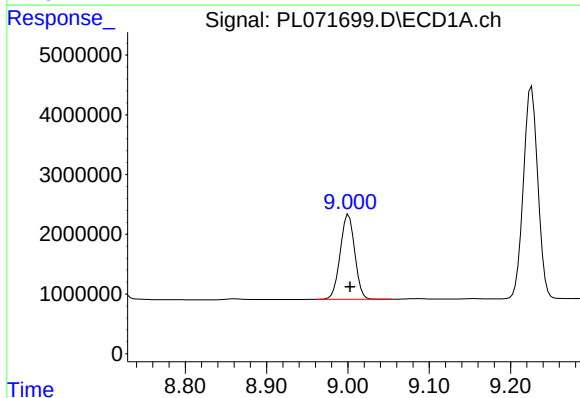
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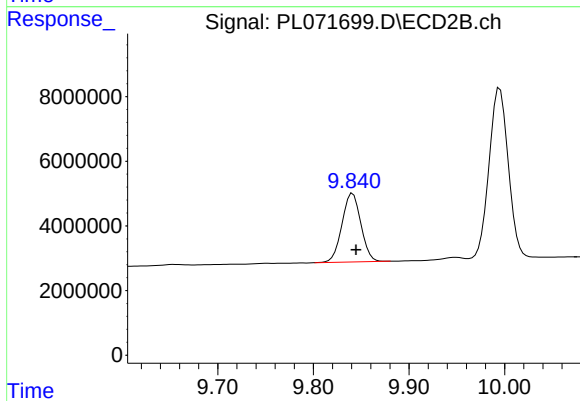
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 65037371
Conc: 46.22 ng/ml



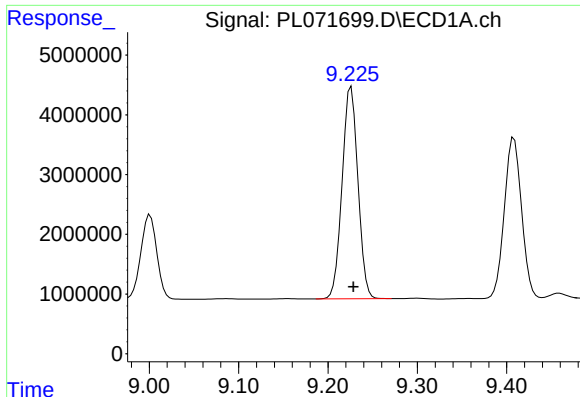
#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: -0.002 min
Response: 17633026
Conc: 47.32 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.003 min
Response: 29288241
Conc: 45.06 ng/ml



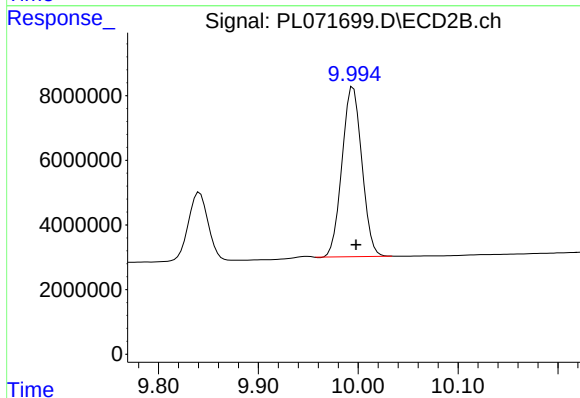
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: -0.002 min
Response: 43673910
Conc: 55.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

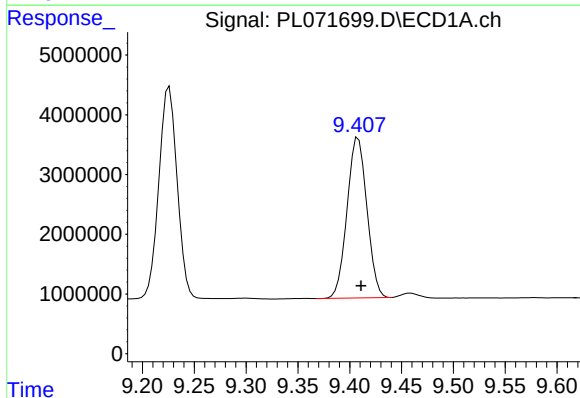
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Supervised By :mohammad ahmed 12/29/2021



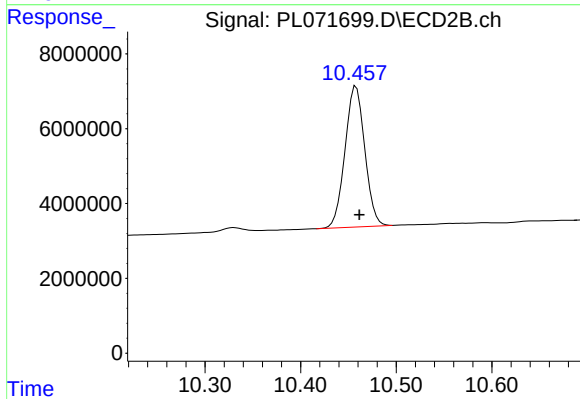
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.003 min
Response: 72631679
Conc: 53.48 ng/ml



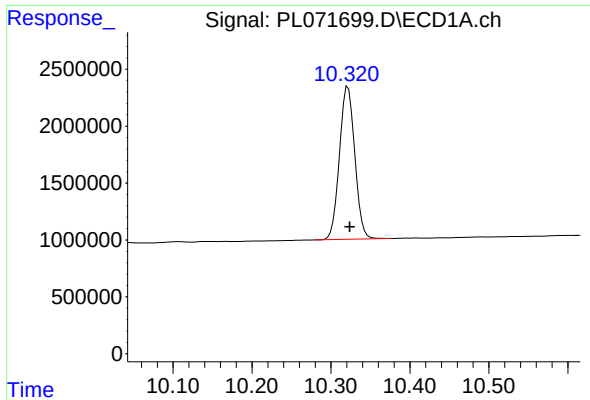
#22 Mirex

R.T.: 9.408 min
Delta R.T.: -0.003 min
Response: 35807840
Conc: 49.54 ng/ml



#22 Mirex

R.T.: 10.458 min
Delta R.T.: -0.003 min
Response: 54390418
Conc: 50.05 ng/ml



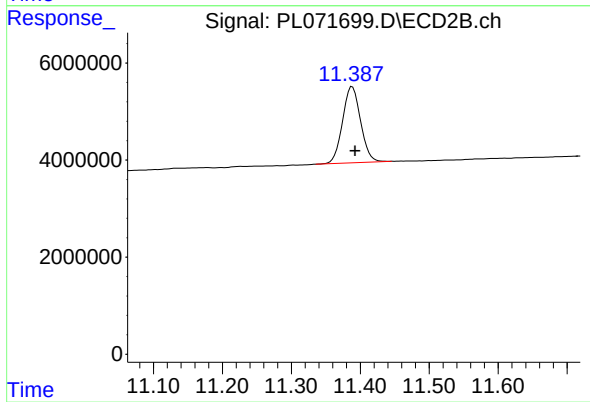
#28 Decachlorobiphenyl

R.T.: 10.322 min
Delta R.T.: -0.002 min
Response: 18154042
Conc: 24.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
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#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.004 min
Response: 28577684
Conc: 22.80 ng/ml