

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2022 17:07
 Operator : AR\AJ
 Sample : N2863-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P003-SS003-1218-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:14:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.667f	4.650	10205879	27199774	20.101	19.817
28)	SA Decachlor...	11.665	10.403	9185482	22709321	20.568	22.125
Target Compounds							
2)	A alpha-BHC	6.249f	5.354	44062699	114.6E6	64.405m	68.096
3)	MA gamma-BHC...	6.649f	5.774	41541515	108.3E6	64.356	65.569
4)	MA Heptachlor	7.304f	6.184	41442180	102.5E6	64.214	67.557
5)	MB Aldrin	7.678f	6.509	39711538	103.1E6	64.105	68.696
6)	B beta-BHC	6.898f	6.151	18374430	47526251	61.565m	59.859
7)	B delta-BHC	7.171f	6.412	39900318	103.0E6	63.633	65.856
8)	B Heptachlo...	8.145f	7.082	38046522	93367604	66.895	67.085
9)	A Endosulfan I	8.554f	7.484	34622681	83728123	60.057	66.921
10)	B gamma-Chl...	8.416f	7.359	34586390	94653545	66.866	68.301
11)	B alpha-Chl...	8.497f	7.428	37986098	93131936	62.221m	68.893
12)	B 4,4'-DDE	8.682f	7.640	31746791	79232036	68.578m	67.334
13)	MA Dieldrin	8.845f	7.770	35953203	96167191	68.403	75.490
14)	MA Endrin	9.085f	8.060	28286317	84146119	68.546	79.661
15)	B Endosulfa...	9.317f	8.370	30277193	78420867	68.873m	69.423
16)	A 4,4'-DDD	9.225f	8.224	27029513	67528048	59.783	68.547
17)	MA 4,4'-DDT	9.543f	8.483	29081017	75445455	63.270m	75.407m
18)	B Endrin al...	9.454f	8.556	25041156	59221285	70.754	74.148m
19)	B Endosulfa...	9.692f	8.788	29728279	81933632	65.775	75.269
20)	A Methoxychlor	10.028f	9.077	16106238	46127856	65.763m	78.933m
21)	B Endrin ke...	10.193f	9.305	33766651	94960489	65.843m	85.175m#
22)	Mirex	10.668f	9.495	25601307	64613842	63.447	66.709

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

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 Data File : PL074793.D
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 Acq On : 18 May 2022 17:07
 Operator : AR\AJ
 Sample : N2863-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

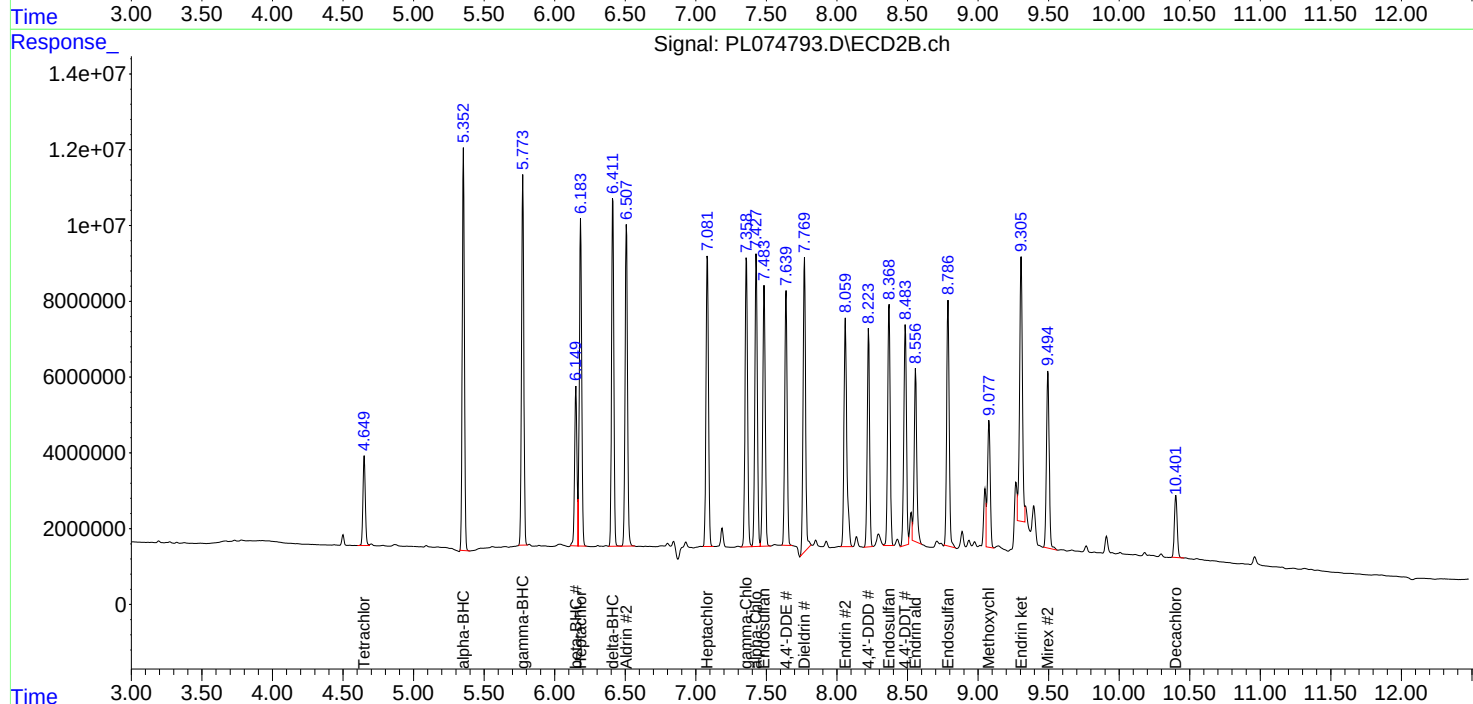
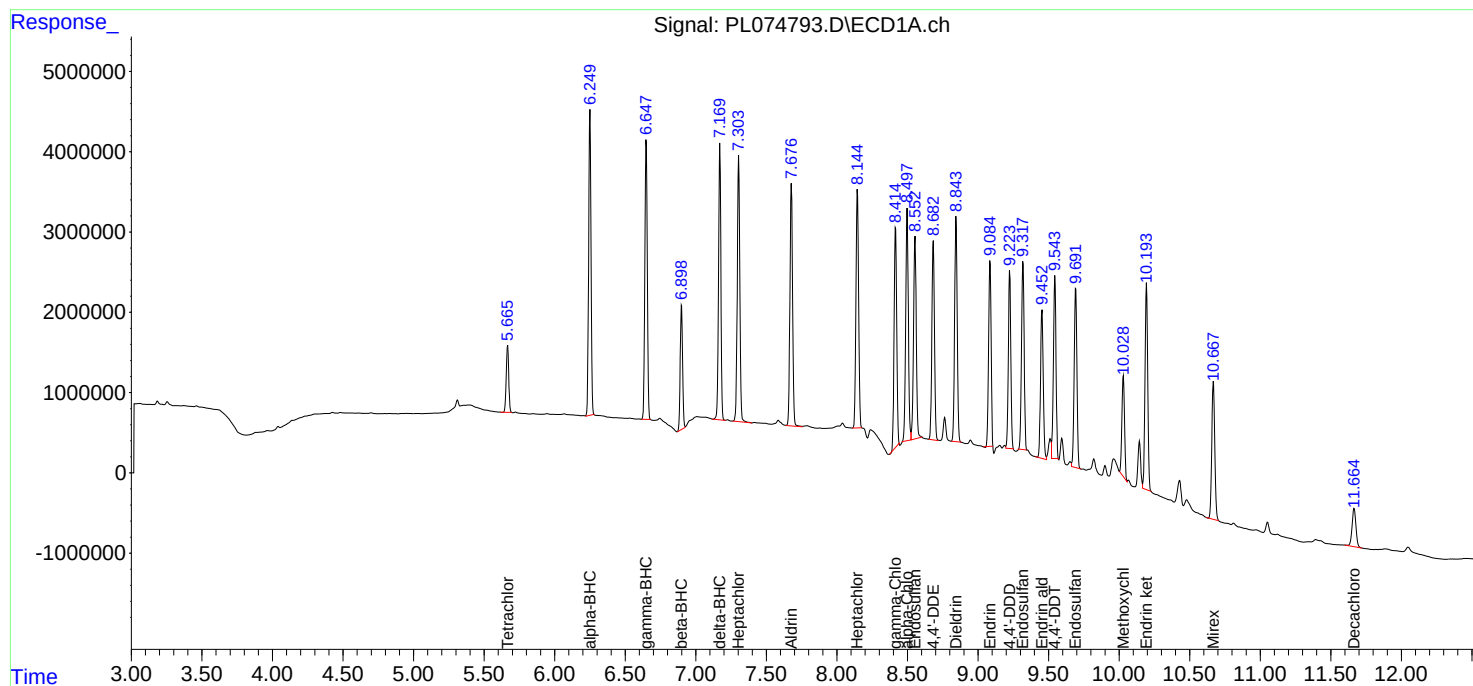
Instrument :
 ECD_L
 ClientSampleId :
 P003-SS003-1218-01MSD

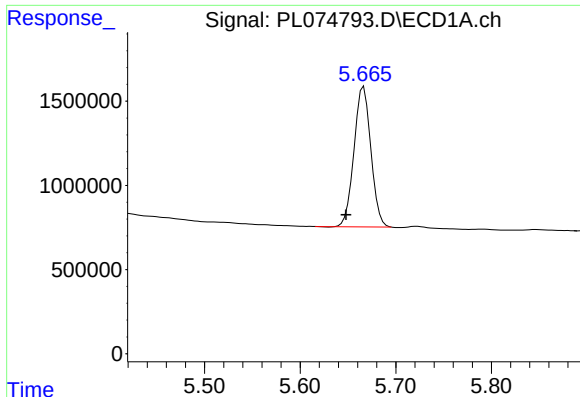
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:14:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 2022
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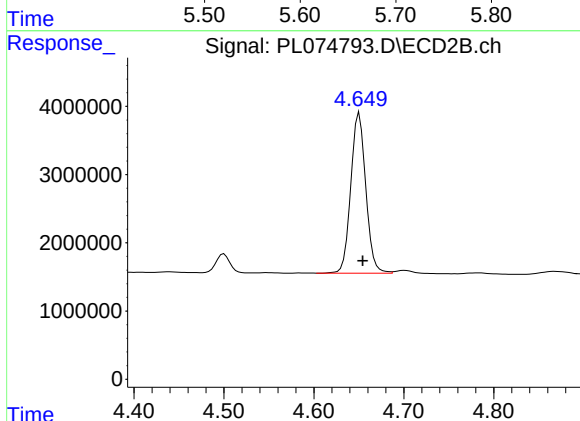
#1 Tetrachloro-m-xylene

R.T.: 5.667 min
Delta R.T.: 0.019 min
Response: 10205879
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

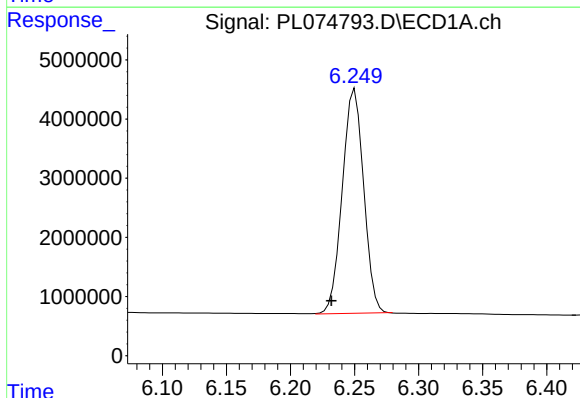
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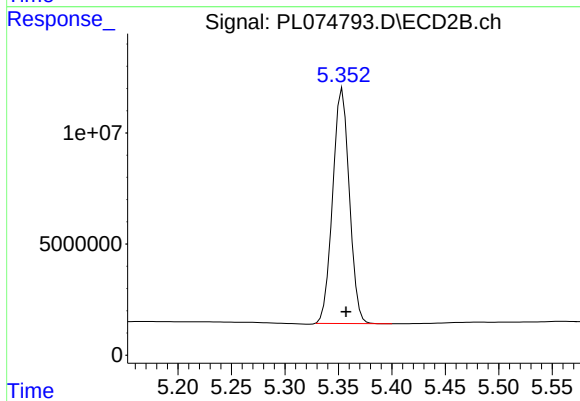
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.004 min
Response: 27199774
Conc: 19.82 ng/ml



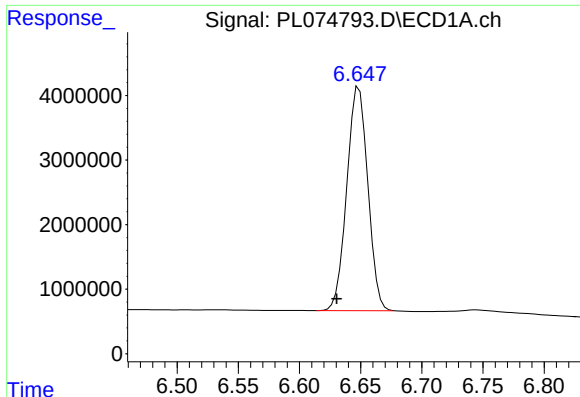
#2 alpha-BHC

R.T.: 6.249 min
Delta R.T.: 0.017 min
Response: 44062699
Conc: 64.41 ng/ml m



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 114598804
Conc: 68.10 ng/ml



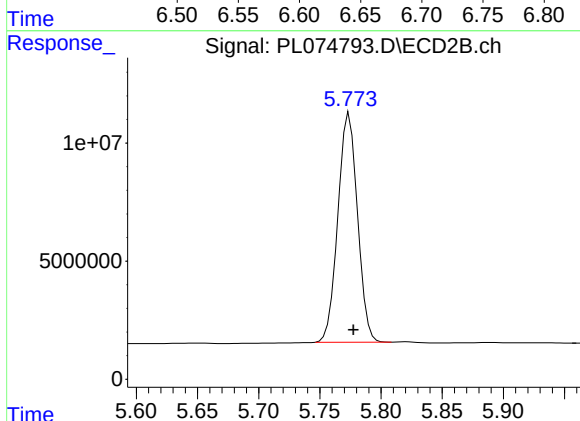
#3 gamma-BHC (Lindane)

R.T.: 6.649 min
Delta R.T.: 0.018 min
Response: 41541515
Conc: 64.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

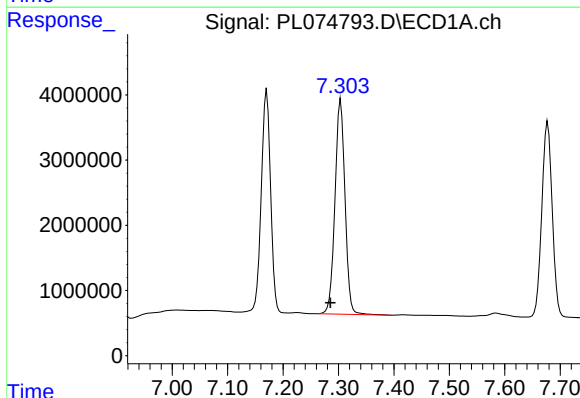
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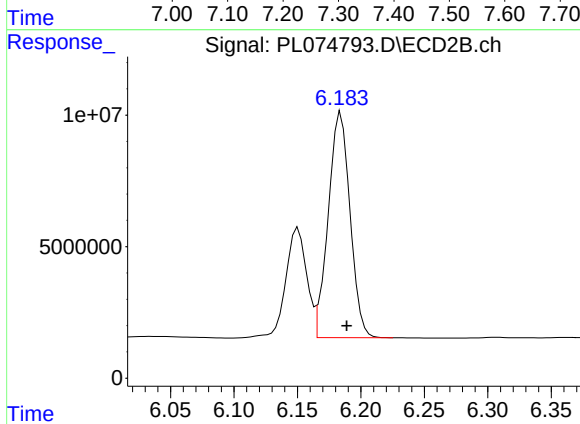
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 108345858
Conc: 65.57 ng/ml



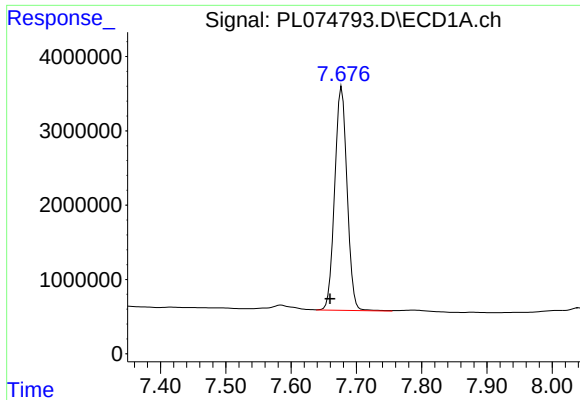
#4 Heptachlor

R.T.: 7.304 min
Delta R.T.: 0.018 min
Response: 41442180
Conc: 64.21 ng/ml



#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 102541213
Conc: 67.56 ng/ml



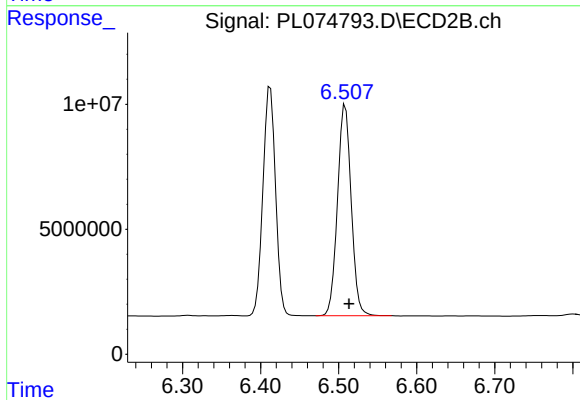
#5 Aldrin

R.T.: 7.678 min
Delta R.T.: 0.018 min
Response: 39711538
Conc: 64.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

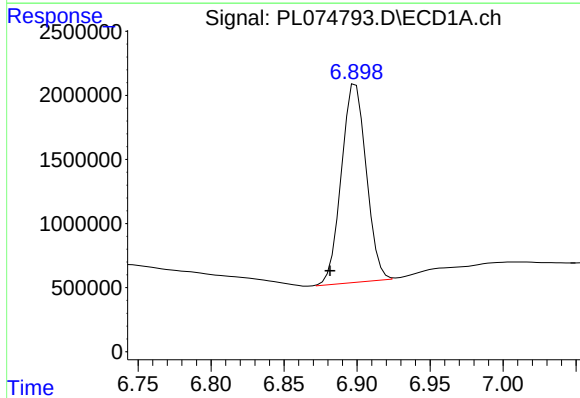
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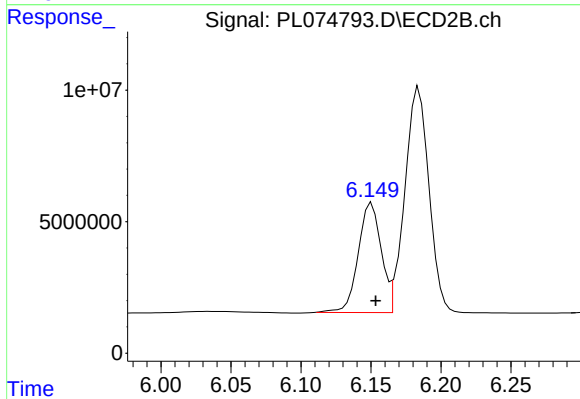
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.005 min
Response: 103076376
Conc: 68.70 ng/ml



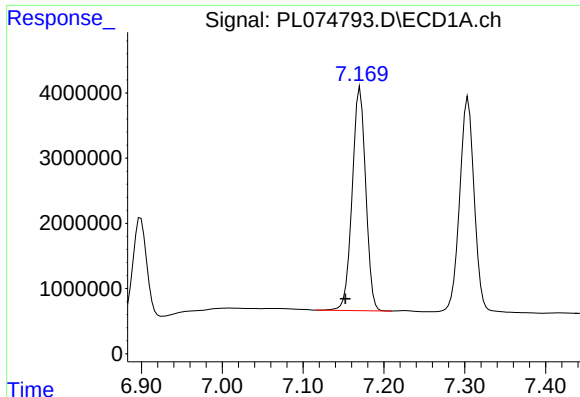
#6 beta-BHC

R.T.: 6.898 min
Delta R.T.: 0.016 min
Response: 18374430
Conc: 61.57 ng/ml m



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.003 min
Response: 47526251
Conc: 59.86 ng/ml



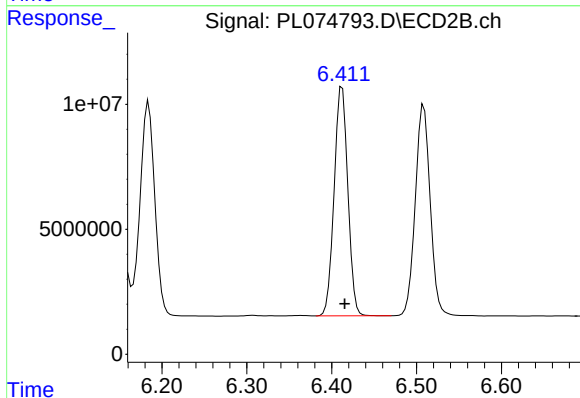
#7 delta-BHC

R.T.: 7.171 min
Delta R.T.: 0.018 min
Response: 39900318
Conc: 63.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

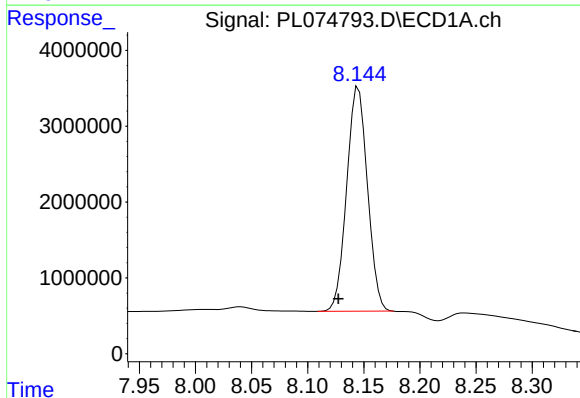
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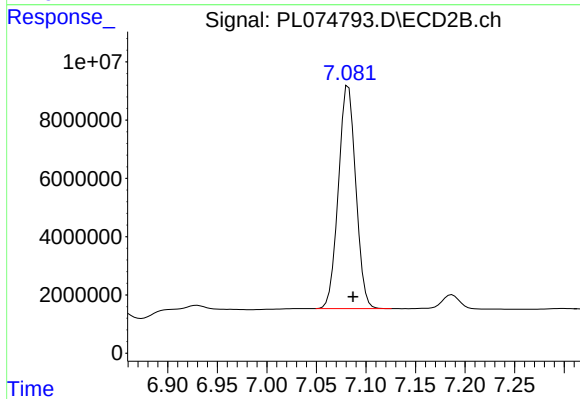
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 102978547
Conc: 65.86 ng/ml



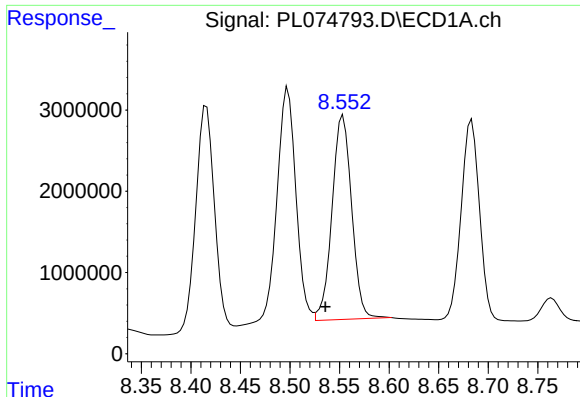
#8 Heptachlor epoxide

R.T.: 8.145 min
Delta R.T.: 0.018 min
Response: 38046522
Conc: 66.90 ng/ml



#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 93367604
Conc: 67.08 ng/ml



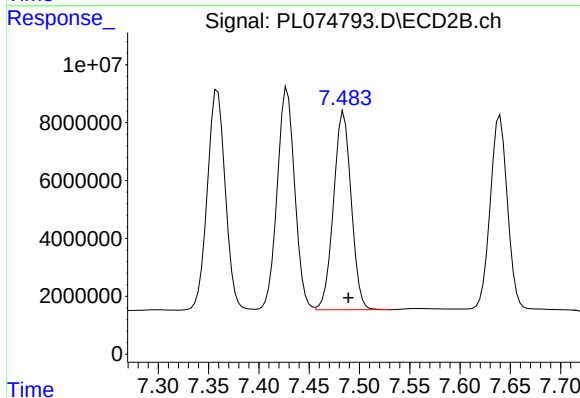
#9 Endosulfan I

R.T.: 8.554 min
Delta R.T.: 0.018 min
Response: 34622681
Conc: 60.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

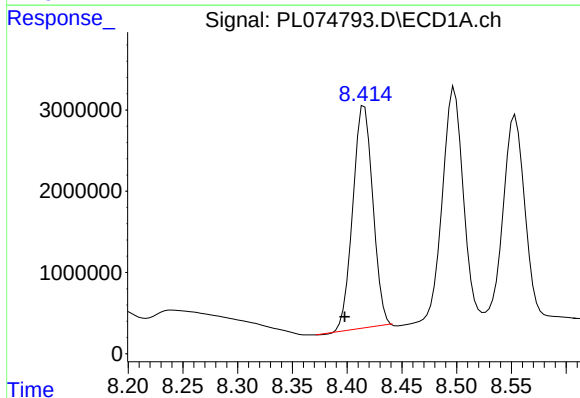
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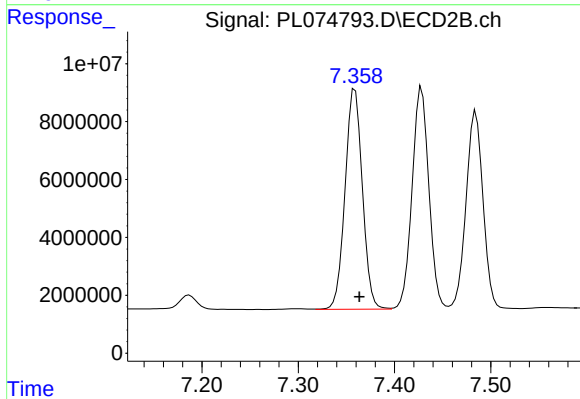
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 83728123
Conc: 66.92 ng/ml



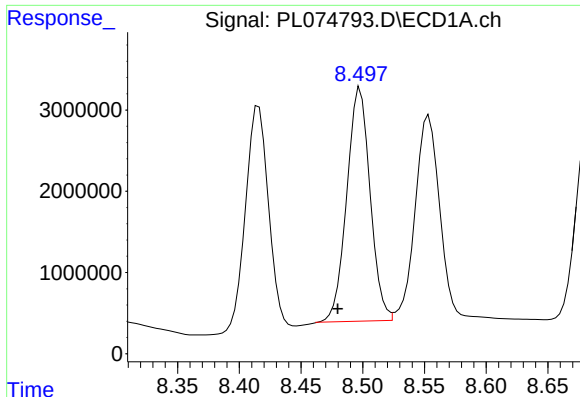
#10 gamma-Chlordane

R.T.: 8.416 min
Delta R.T.: 0.018 min
Response: 34586390
Conc: 66.87 ng/ml



#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.004 min
Response: 94653545
Conc: 68.30 ng/ml



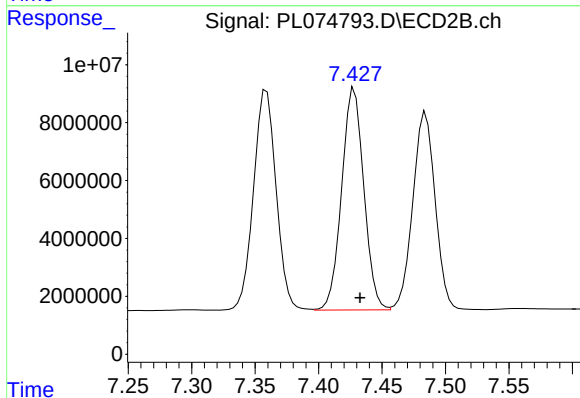
#11 alpha-Chlordane

R.T.: 8.497 min
Delta R.T.: 0.017 min
Response: 37986098
Conc: 62.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
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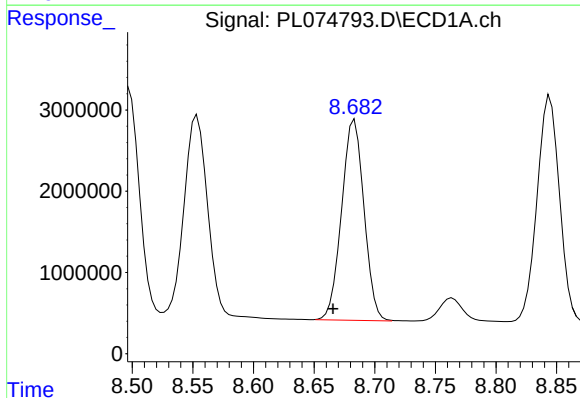
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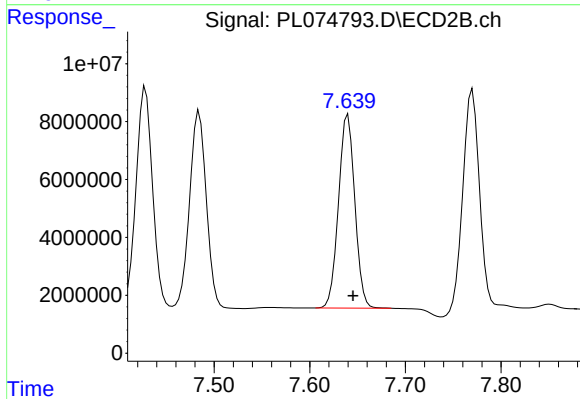
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 93131936
Conc: 68.89 ng/ml



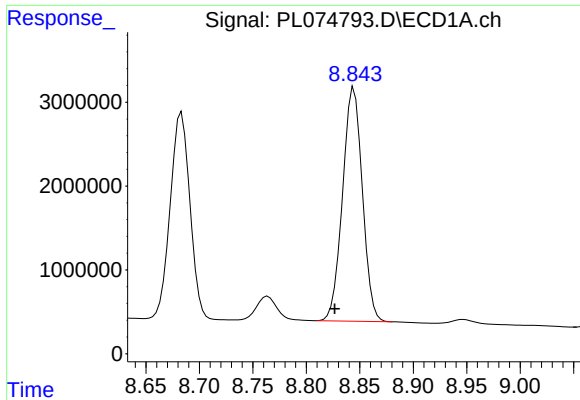
#12 4,4'-DDE

R.T.: 8.682 min
Delta R.T.: 0.017 min
Response: 31746791
Conc: 68.58 ng/ml m



#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 79232036
Conc: 67.33 ng/ml



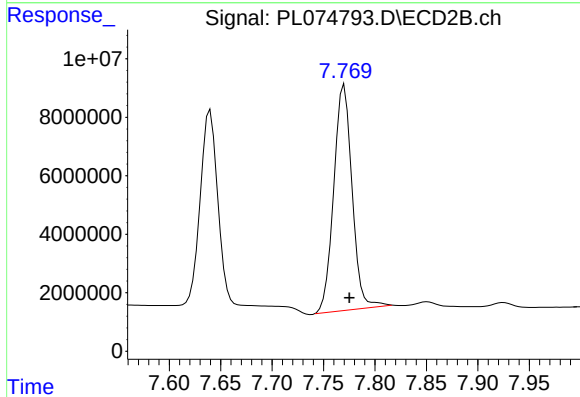
#13 Dieldrin

R.T.: 8.845 min
Delta R.T.: 0.018 min
Response: 35953203
Conc: 68.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

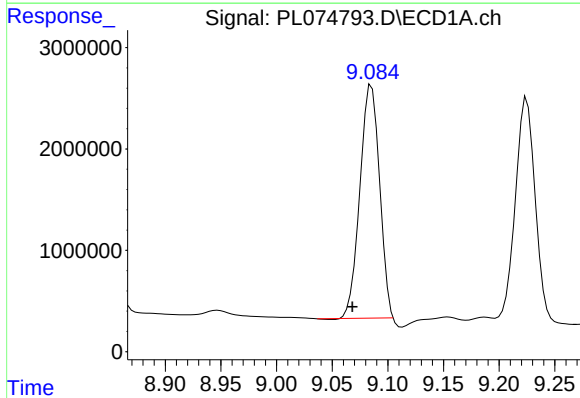
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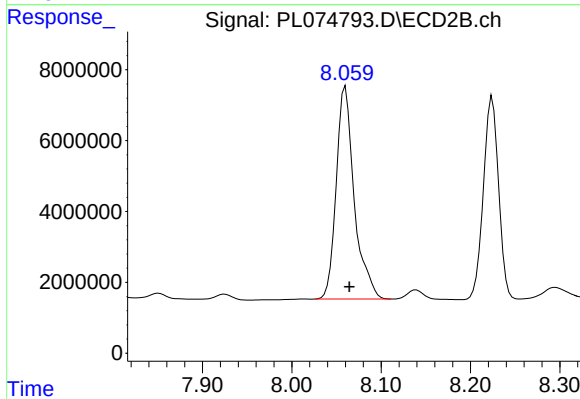
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 96167191
Conc: 75.49 ng/ml



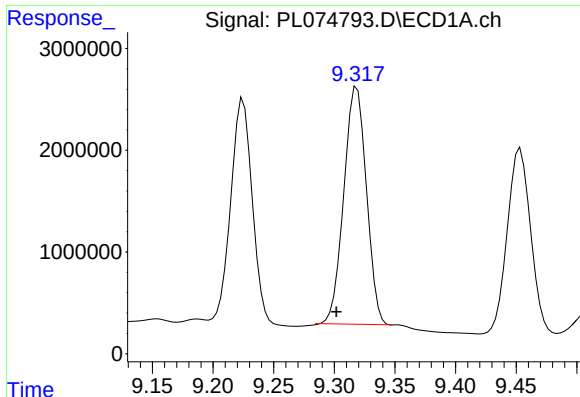
#14 Endrin

R.T.: 9.085 min
Delta R.T.: 0.017 min
Response: 28286317
Conc: 68.55 ng/ml



#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 84146119
Conc: 79.66 ng/ml



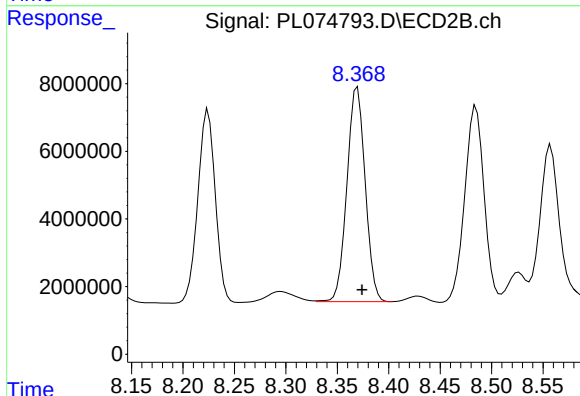
#15 Endosulfan II

R.T.: 9.317 min
Delta R.T.: 0.016 min
Response: 30277193
Conc: 68.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

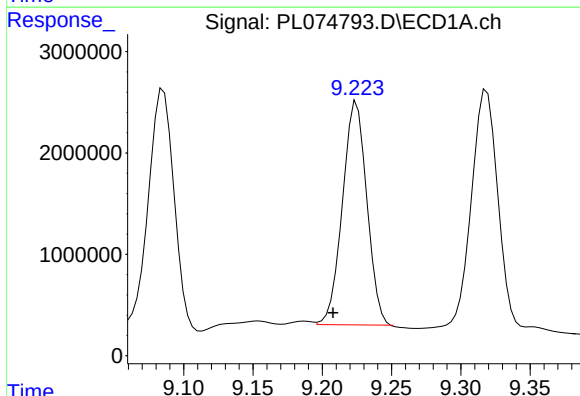
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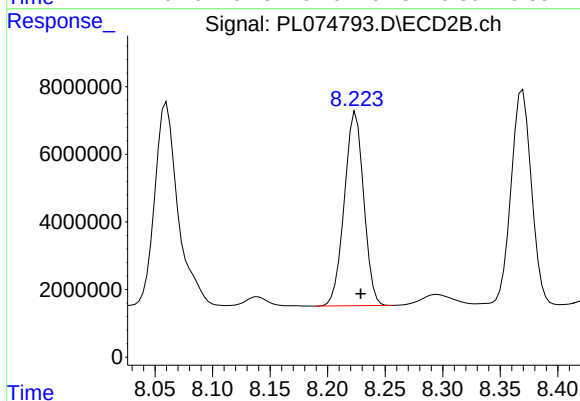
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.004 min
Response: 78420867
Conc: 69.42 ng/ml



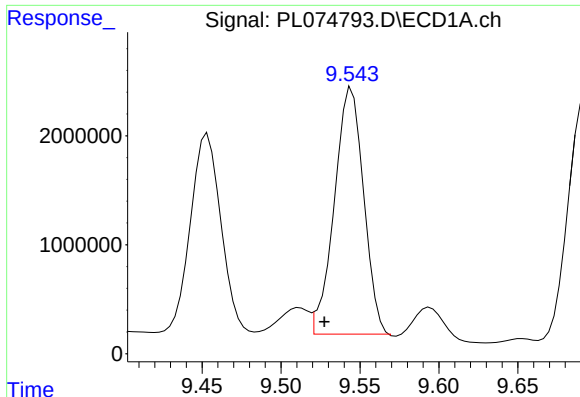
#16 4,4'-DDD

R.T.: 9.225 min
Delta R.T.: 0.017 min
Response: 27029513
Conc: 59.78 ng/ml



#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 67528048
Conc: 68.55 ng/ml



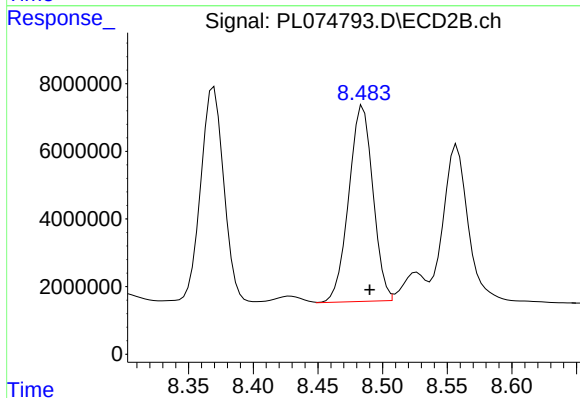
#17 4,4'-DDT

R.T.: 9.543 min
Delta R.T.: 0.016 min
Response: 29081017
Conc: 63.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
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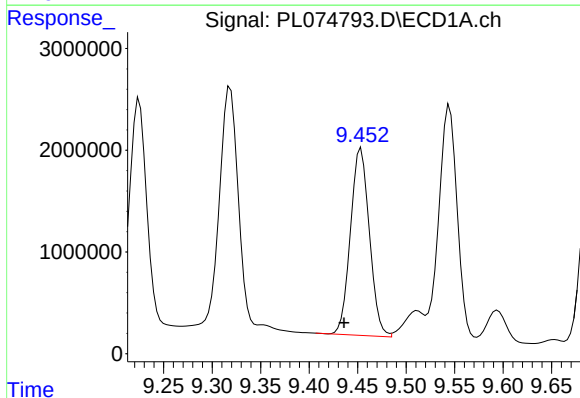
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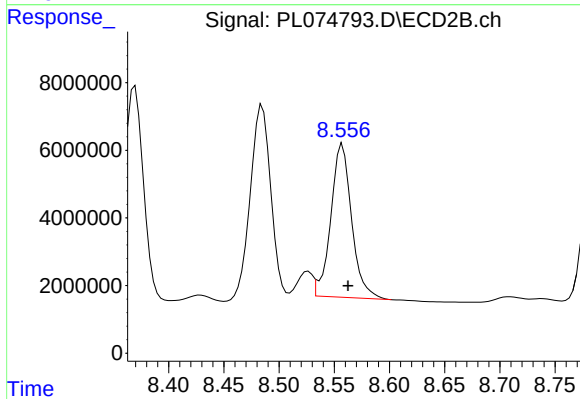
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.007 min
Response: 75445455
Conc: 75.41 ng/ml m



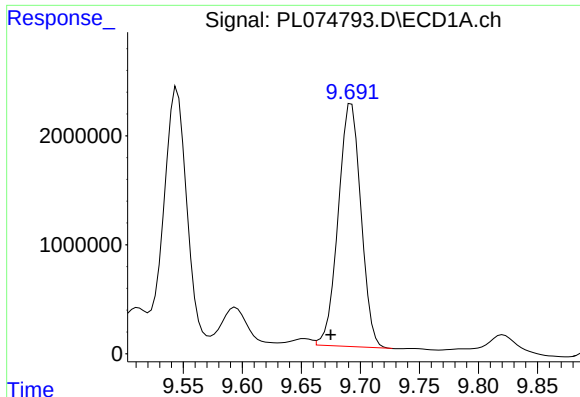
#18 Endrin aldehyde

R.T.: 9.454 min
Delta R.T.: 0.017 min
Response: 25041156
Conc: 70.75 ng/ml



#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.006 min
Response: 59221285
Conc: 74.15 ng/ml m



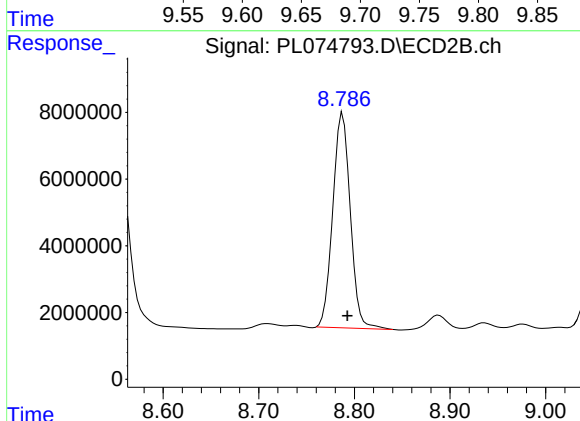
#19 Endosulfan Sulfate

R.T.: 9.692 min
Delta R.T.: 0.017 min
Response: 29728279
Conc: 65.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

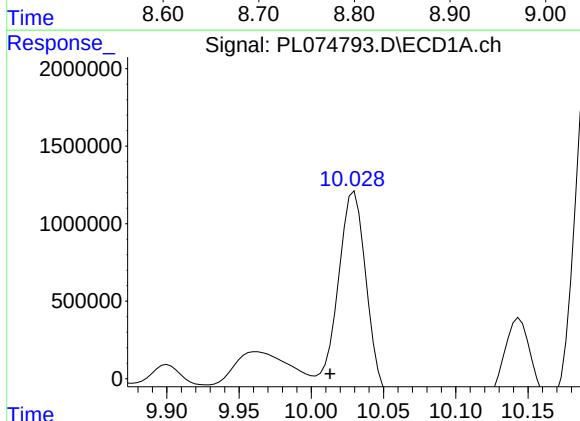
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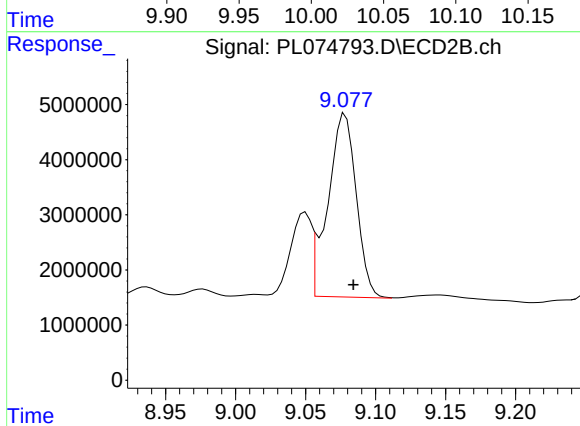
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 81933632
Conc: 75.27 ng/ml



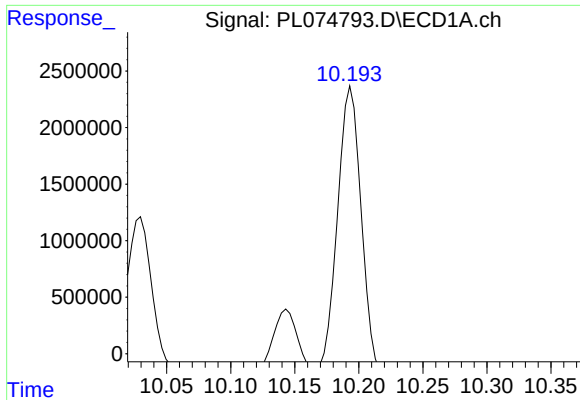
#20 Methoxychlor

R.T.: 10.028 min
Delta R.T.: 0.015 min
Response: 16106238
Conc: 65.76 ng/ml m



#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: -0.007 min
Response: 46127856
Conc: 78.93 ng/ml m



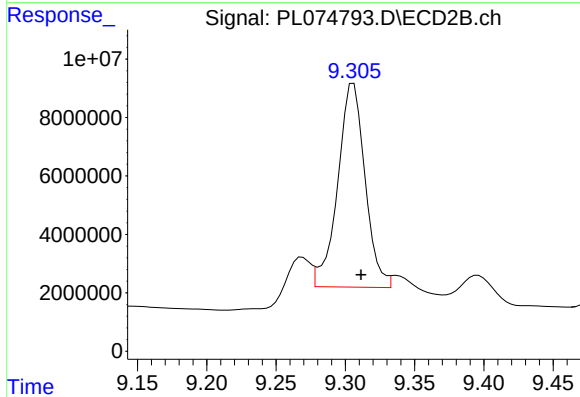
#21 Endrin ketone

R.T.: 10.193 min
Delta R.T.: 0.015 min
Response: 33766651
Conc: 65.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

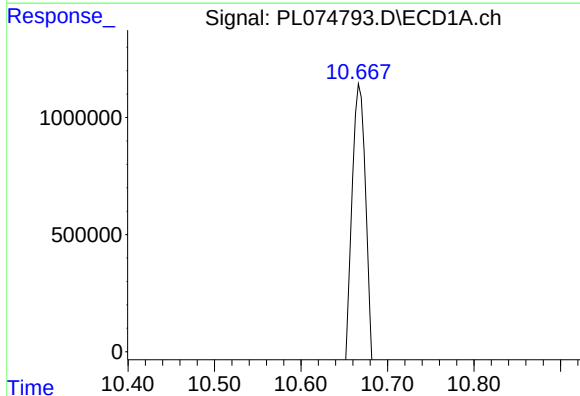
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2022
Supervised By :mohammad ahmed 05/19/2022



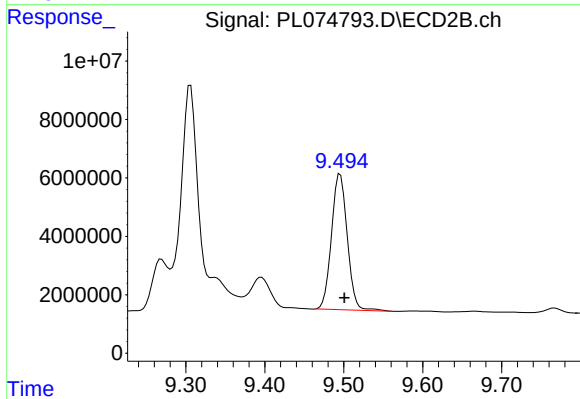
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.007 min
Response: 94960489
Conc: 85.17 ng/ml m



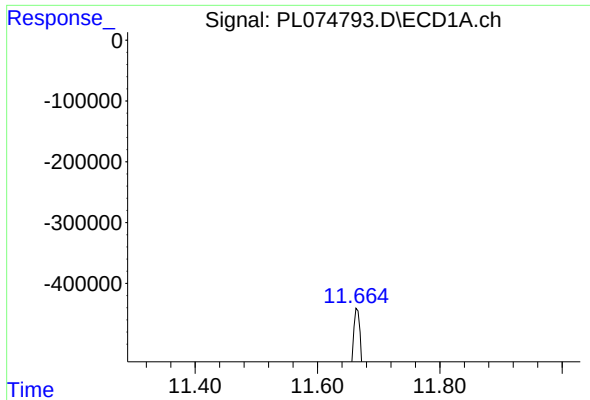
#22 Mirex

R.T.: 10.668 min
Delta R.T.: 0.017 min
Response: 25601307
Conc: 63.45 ng/ml



#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.005 min
Response: 64613842
Conc: 66.71 ng/ml



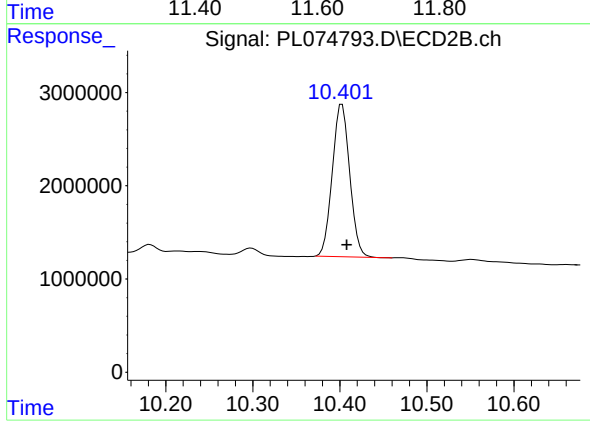
#28 Decachlorobiphenyl

R.T.: 11.665 min
Delta R.T.: 0.014 min
Response: 9185482
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2022
Supervised By :mohammad ahmed 05/19/2022



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 22709321
Conc: 22.12 ng/ml