

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
 Data File : PL074285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 22:16
 Operator : AR\AJ
 Sample : N2479-05MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 E14ST-EB4-041922-0-5MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:28:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.635	5.489	5046461	26154834	15.618	14.669
28)	SA Decachlor...	10.404	11.330	5828710	20119017	11.208m	11.390
Target Compounds							
2)	A alpha-BHC	5.342	6.051	21102466	129.9E6	50.284	51.591
3)	MA gamma-BHC...	5.766	6.441	20796328	120.3E6	49.586	50.842
4)	MA Heptachlor	6.176	7.099	20208020	109.1E6	44.861	41.818
5)	MB Aldrin	6.501	7.467	20844187	111.1E6	50.221	47.293
6)	B beta-BHC	6.146	6.677	9955267	52980604	48.722	47.009
7)	B delta-BHC	6.407	6.945	20889245	116.1E6	50.497	47.546
8)	B Heptachlo...	7.077	7.924	21041240	97951351	49.054	43.504
9)	A Endosulfan I	7.481	8.324	19901270	81627129	48.525	41.463
10)	B gamma-Chl...	7.355	8.192	21329531	92074517	48.632	41.282
11)	B alpha-Chl...	7.425	8.275	21427862	88944694	48.504	41.320
12)	B 4,4'-DDE	7.639	8.459	17820901	83987979	48.849	42.169
13)	MA Dieldrin	7.766	8.609	20720125	81946332	48.234m	40.865
14)	MA Endrin	8.058	8.844	19874585	73236167	48.924	43.241
15)	B Endosulfa...	8.369	9.068	20062494	70768153	48.676	40.736
16)	A 4,4'-DDD	8.224	8.987	15187476	63947380	47.031	41.562
17)	MA 4,4'-DDT	8.485	9.305	16578985	62708705	44.852	35.375
18)	B Endrin al...	8.557	9.200	16266098	56483768	50.273	43.731
19)	B Endosulfa...	8.788	9.438	19755322	66920308	46.263	40.209
20)	A Methoxychlor	9.080	9.785	10921913	32701359	43.992	33.999
21)	B Endrin ke...	9.307	9.926	21967902	68018328	44.965	39.296
22)	Mirex	9.494	10.403	20614783	55901384	44.199	40.585

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

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 Acq On : 21 Apr 2022 22:16
 Operator : AR\AJ
 Sample : N2479-05MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

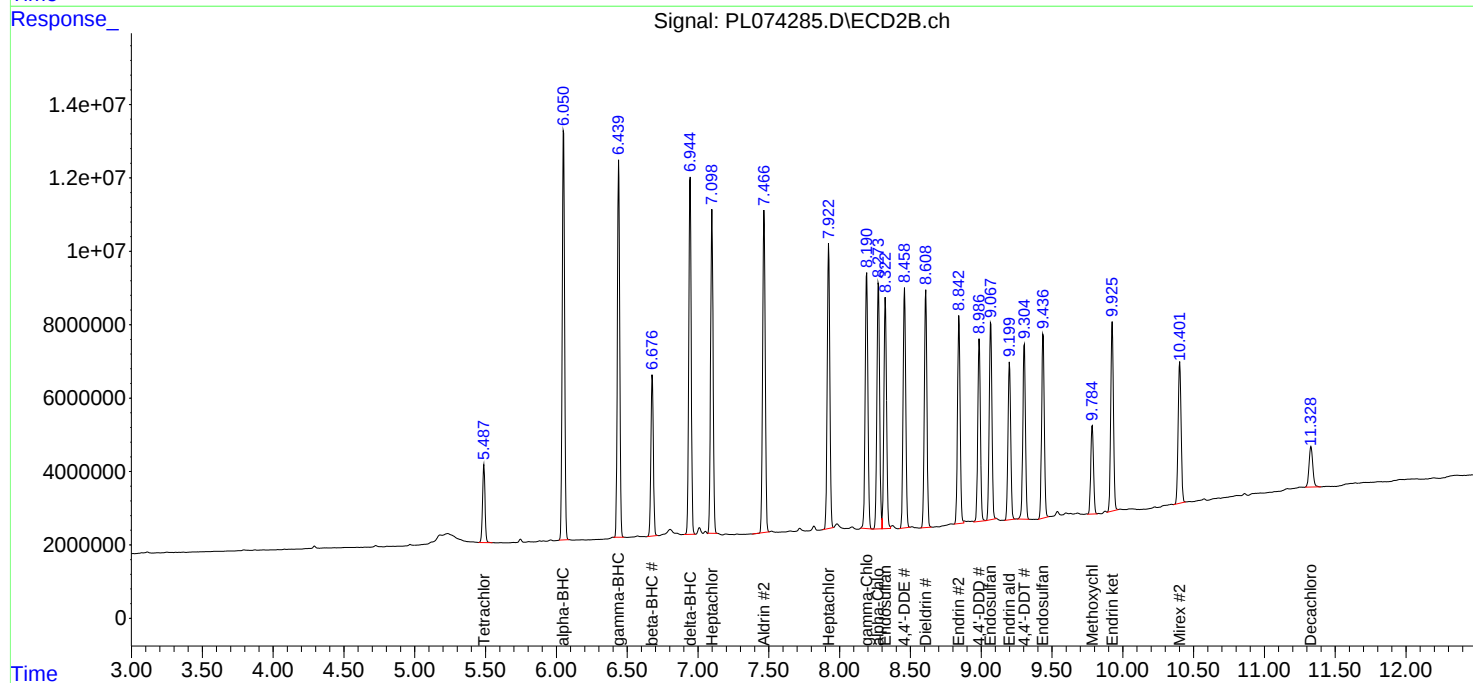
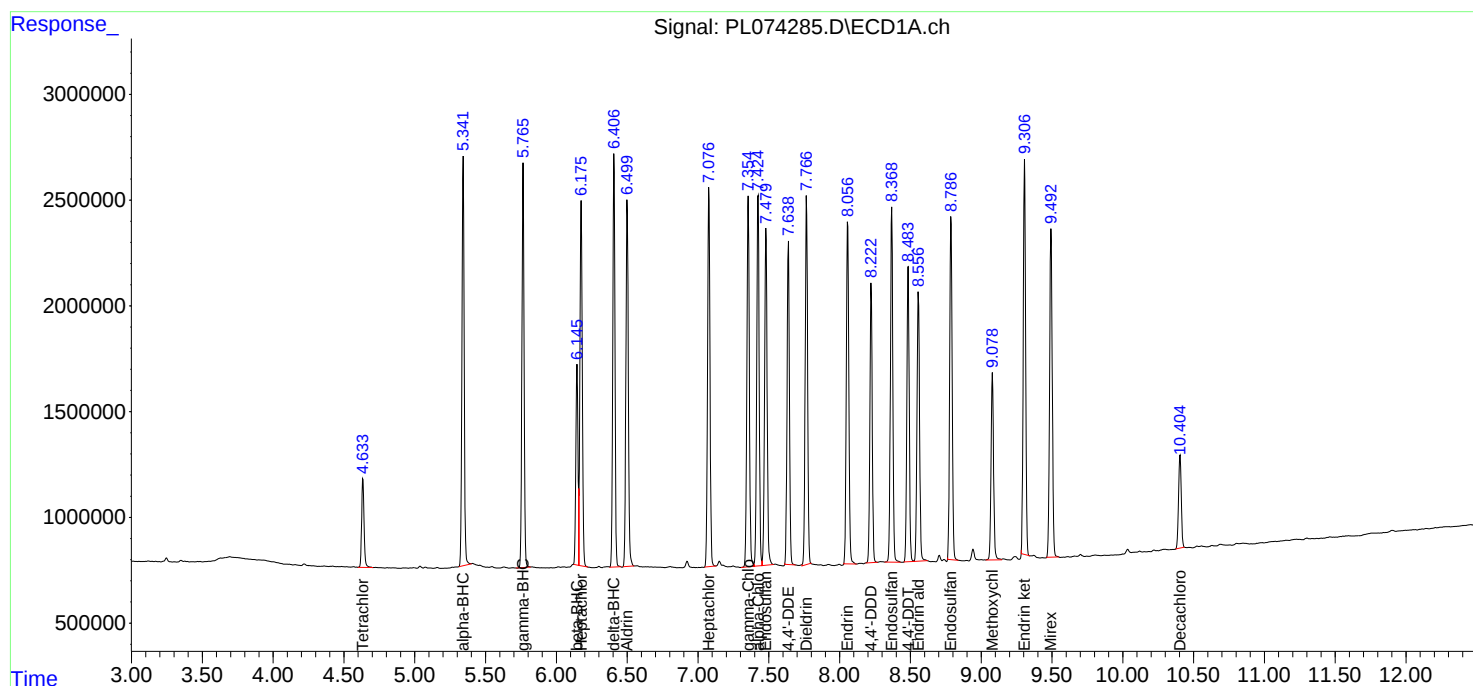
Instrument :
 ECD_L
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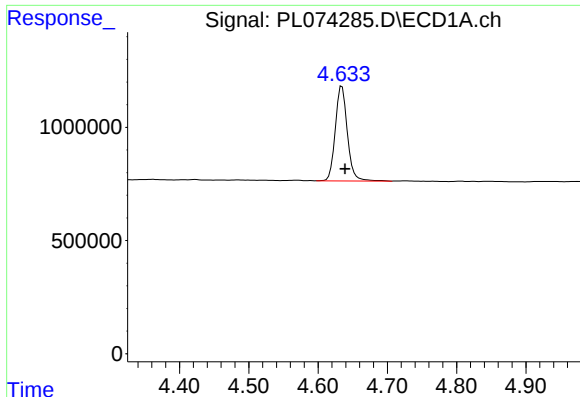
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Integration File signal 1: autoint1.e
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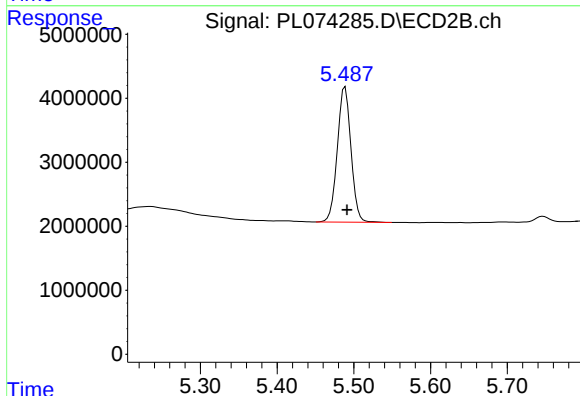
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 5046461
Conc: 15.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MS

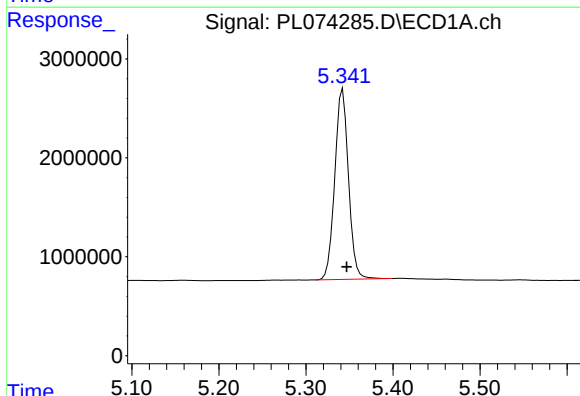
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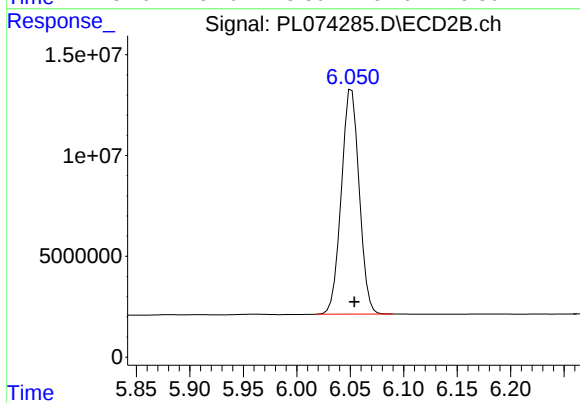
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 26154834
Conc: 14.67 ng/ml



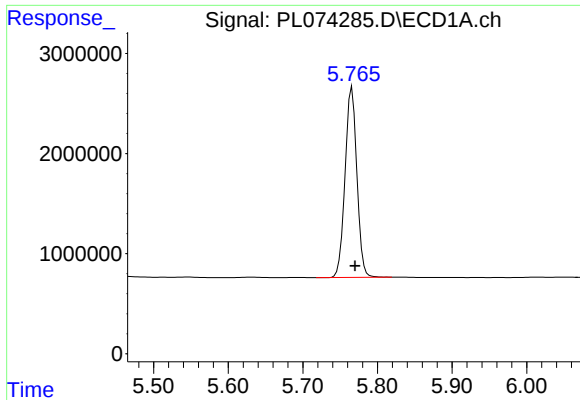
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 21102466
Conc: 50.28 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 129910858
Conc: 51.59 ng/ml



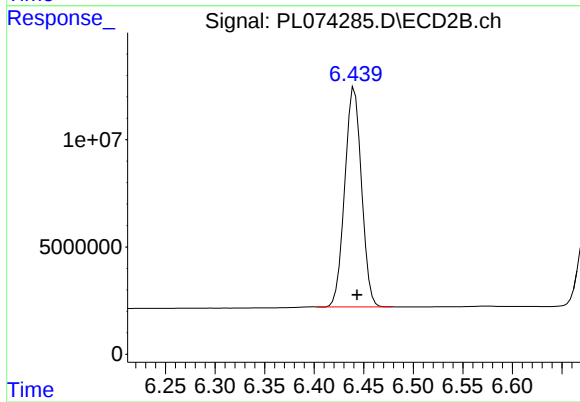
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 20796328
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MS

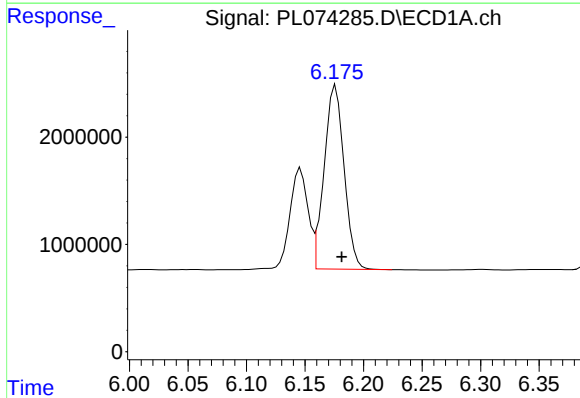
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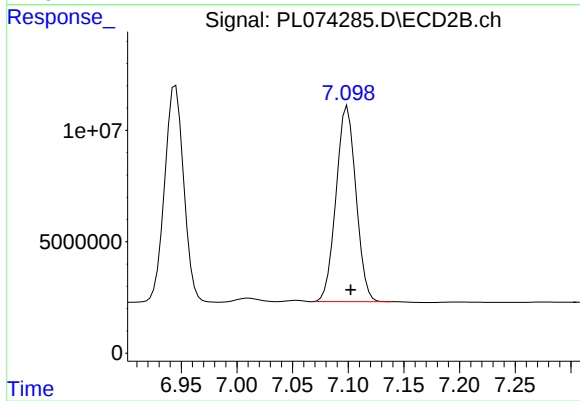
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 120347905
Conc: 50.84 ng/ml



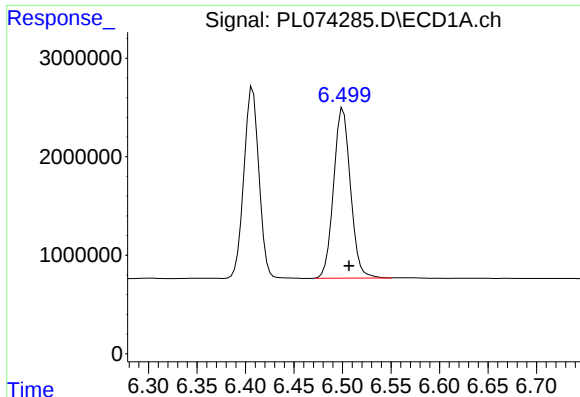
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 20208020
Conc: 44.86 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 109079628
Conc: 41.82 ng/ml



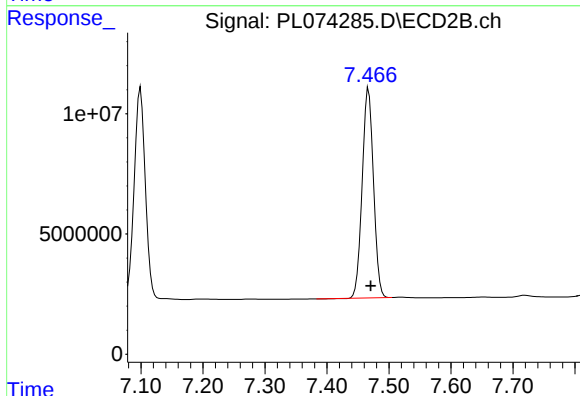
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 20844187
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MS

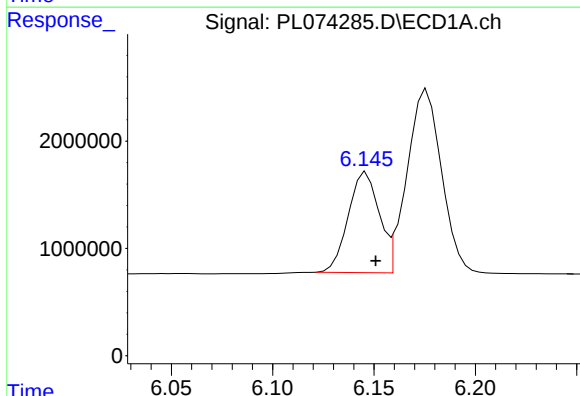
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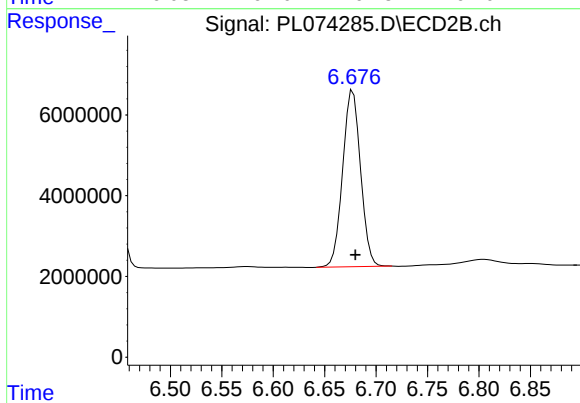
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.004 min
Response: 111072977
Conc: 47.29 ng/ml



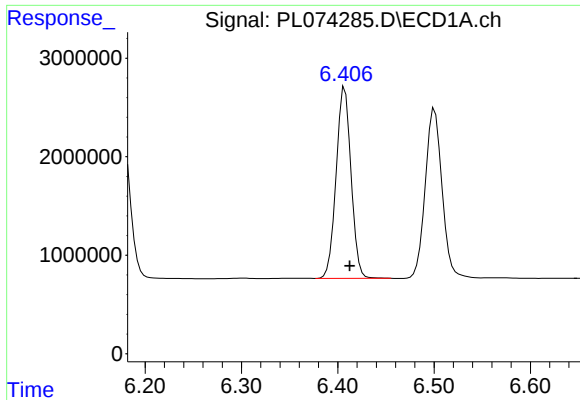
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 9955267
Conc: 48.72 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 52980604
Conc: 47.01 ng/ml



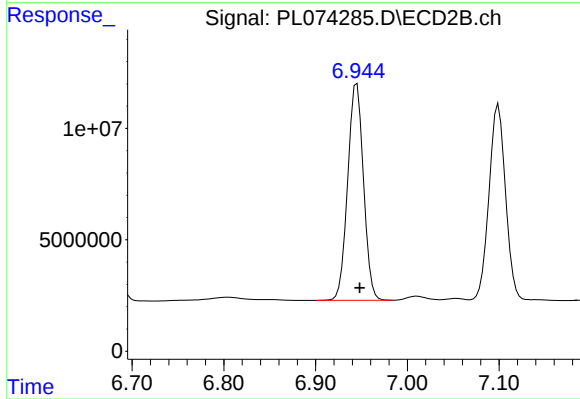
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 20889245
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MS

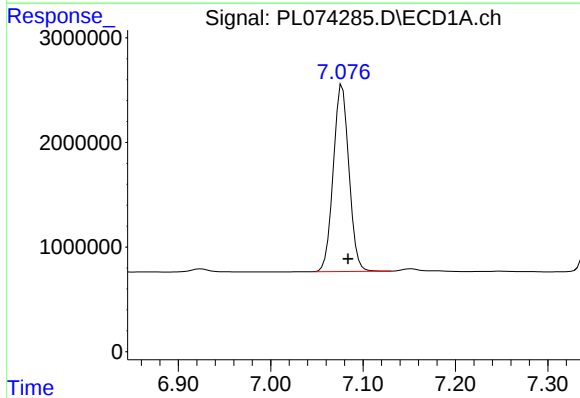
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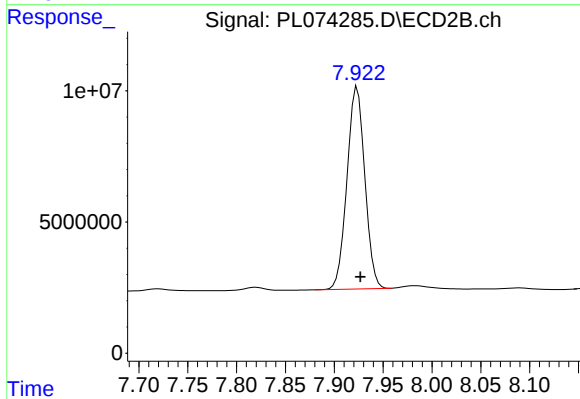
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 116119591
Conc: 47.55 ng/ml



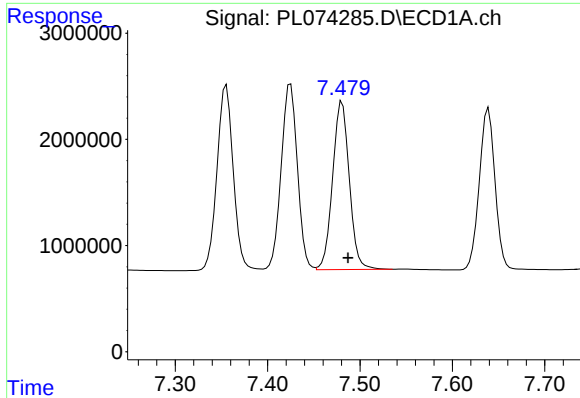
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.006 min
Response: 21041240
Conc: 49.05 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 97951351
Conc: 43.50 ng/ml



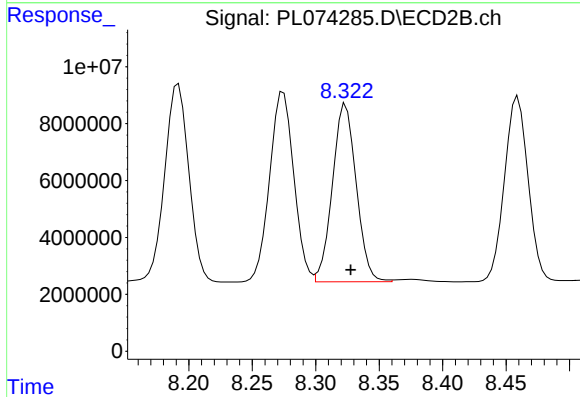
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 19901270
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MS

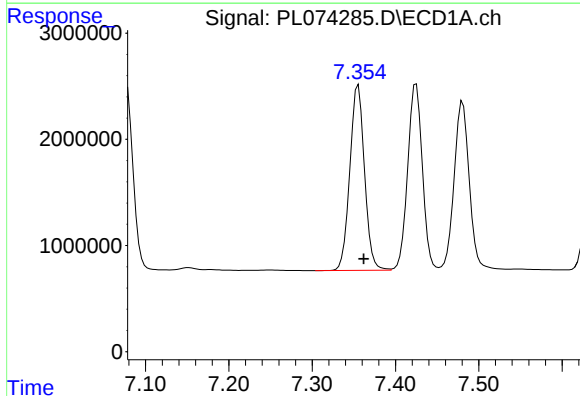
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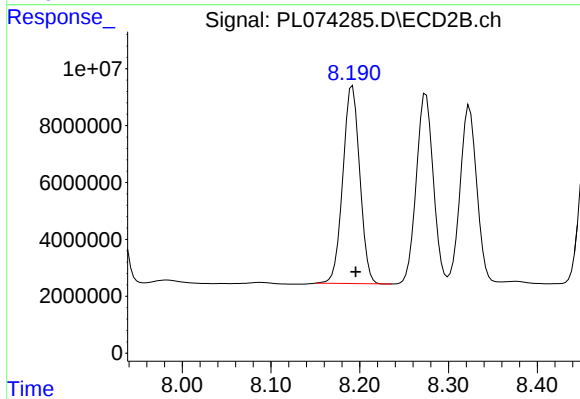
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.004 min
Response: 81627129
Conc: 41.46 ng/ml



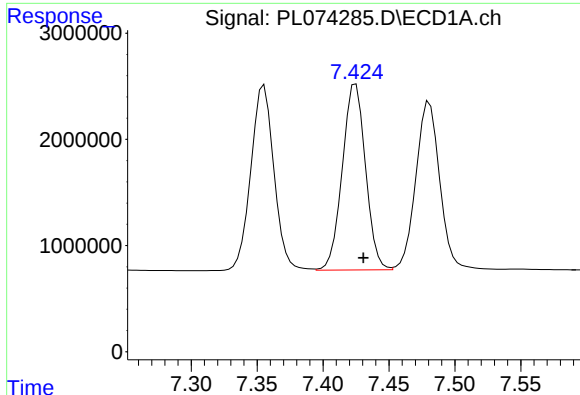
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 21329531
Conc: 48.63 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 92074517
Conc: 41.28 ng/ml



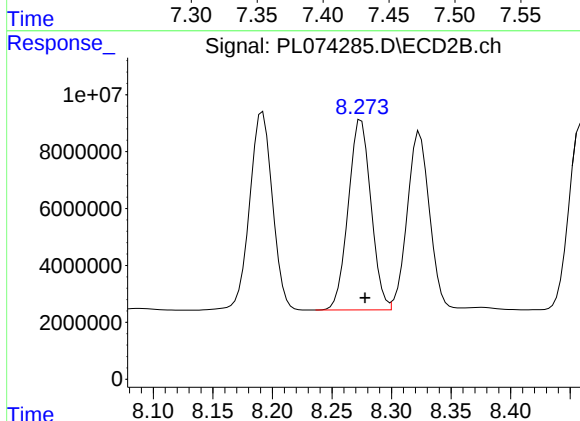
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 21427862
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
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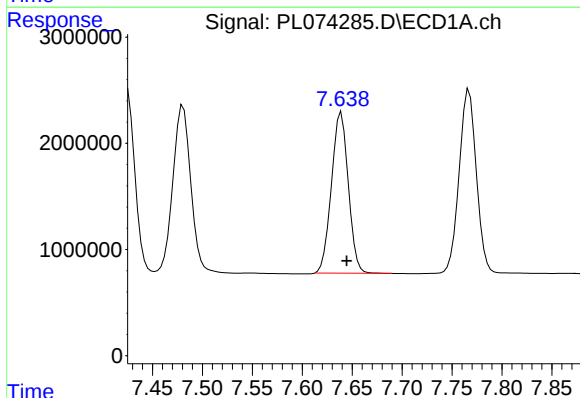
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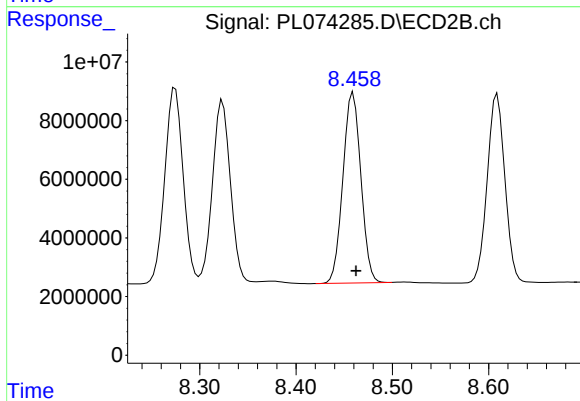
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 88944694
Conc: 41.32 ng/ml



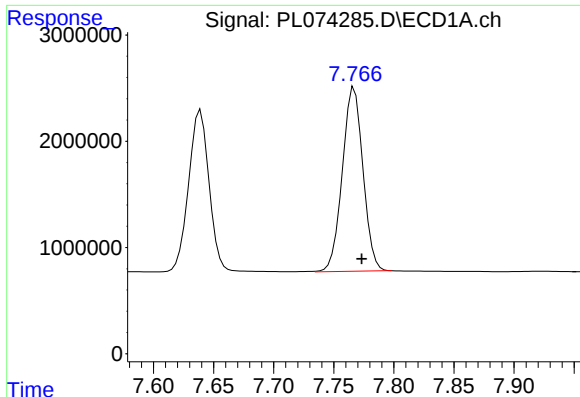
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 17820901
Conc: 48.85 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 83987979
Conc: 42.17 ng/ml



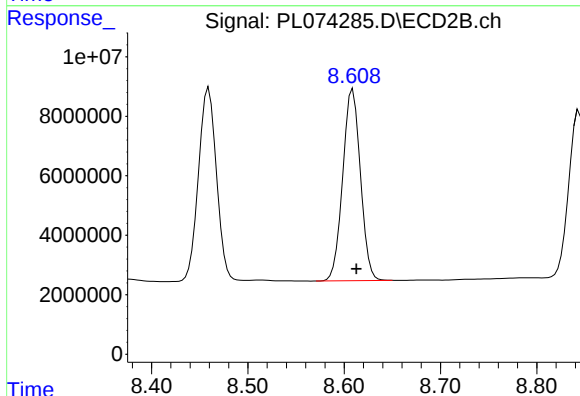
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.008 min
Response: 20720125
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
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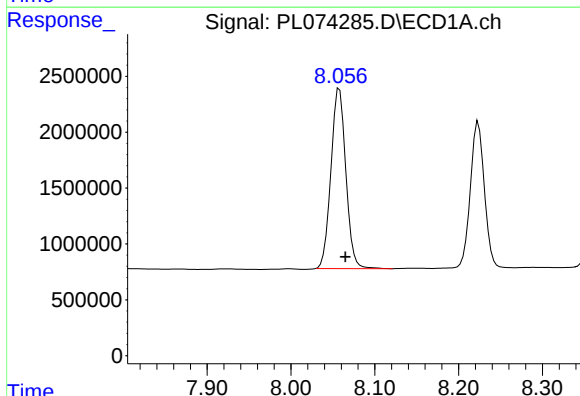
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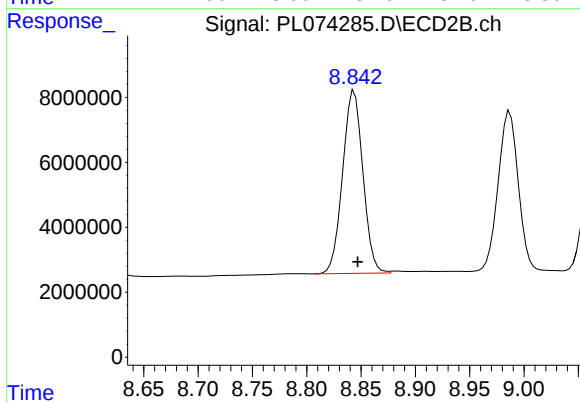
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 81946332
Conc: 40.87 ng/ml



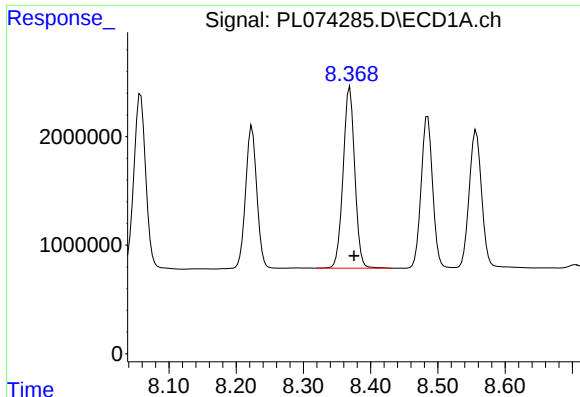
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 19874585
Conc: 48.92 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 73236167
Conc: 43.24 ng/ml



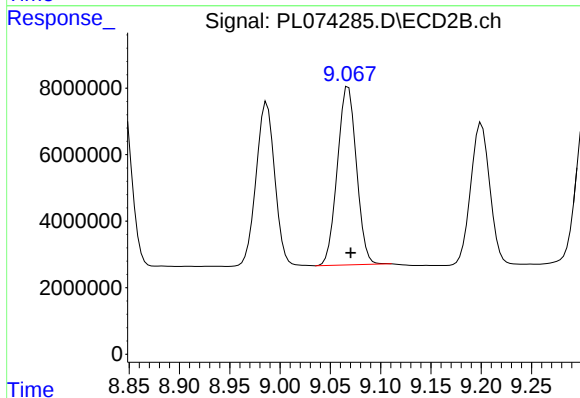
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 20062494
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MS

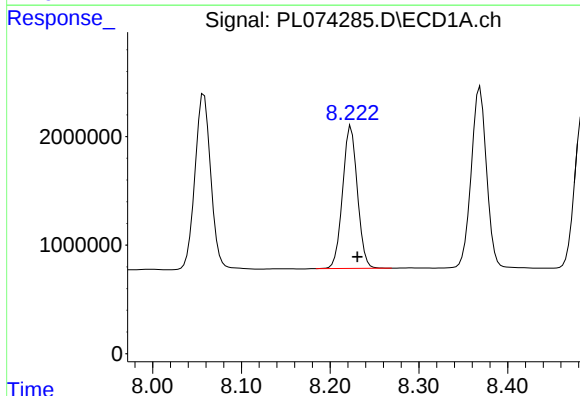
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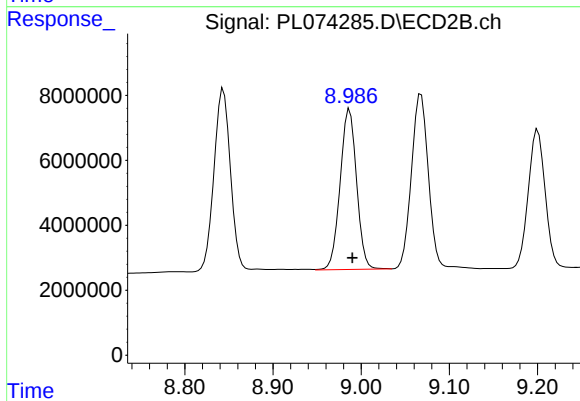
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 70768153
Conc: 40.74 ng/ml



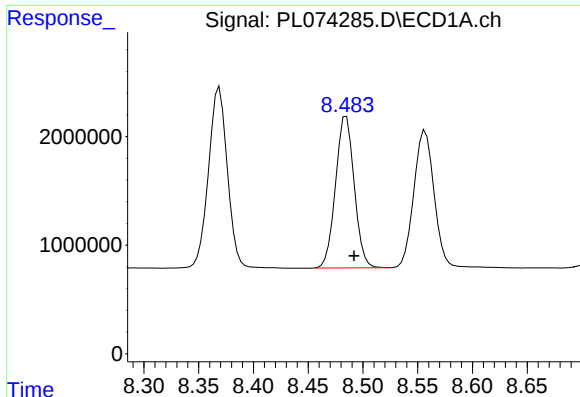
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 15187476
Conc: 47.03 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 63947380
Conc: 41.56 ng/ml



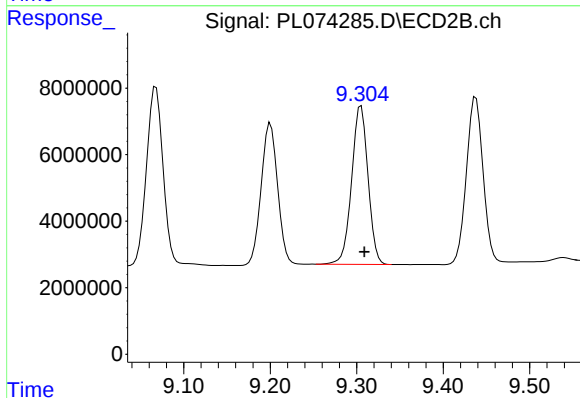
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 16578985
Conc: 44.85 ng/ml

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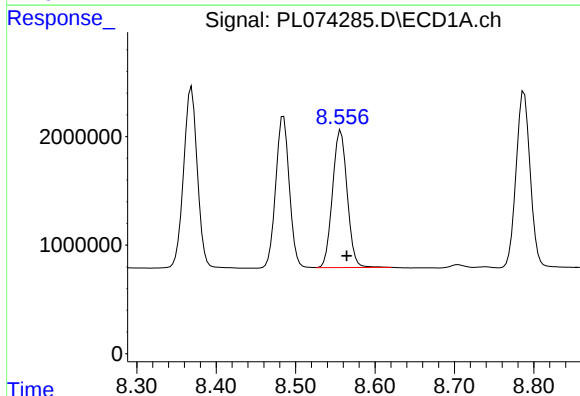
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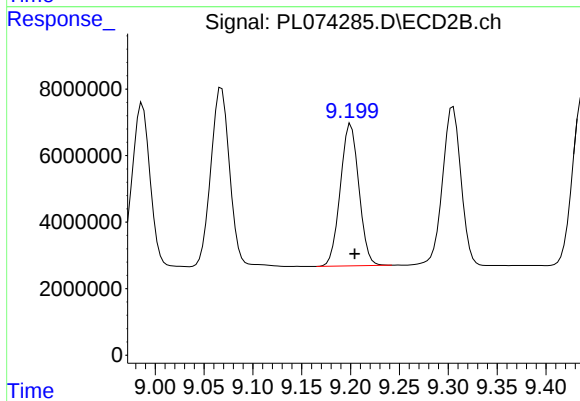
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 62708705
Conc: 35.38 ng/ml



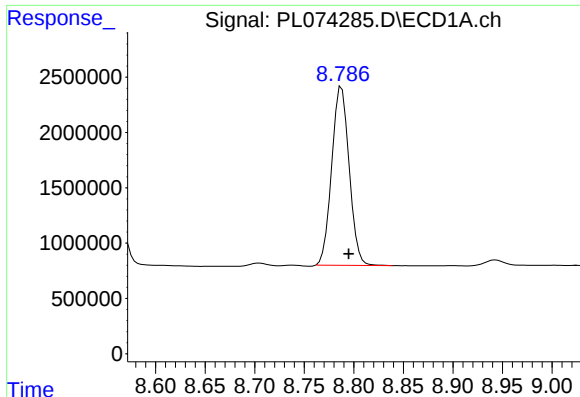
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 16266098
Conc: 50.27 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 56483768
Conc: 43.73 ng/ml



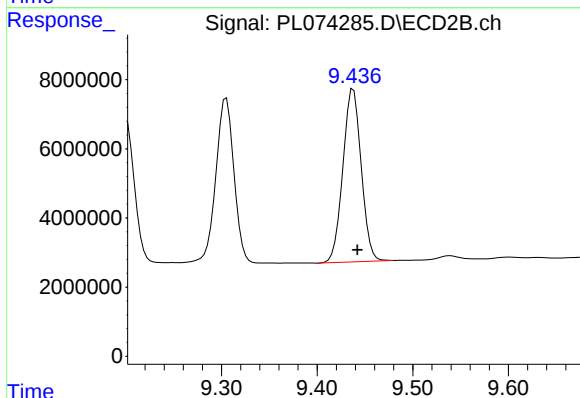
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 19755322
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
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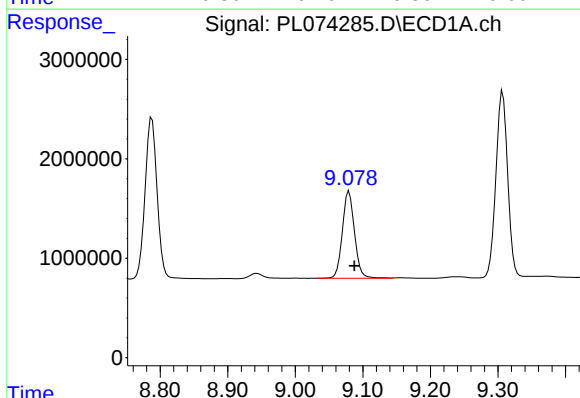
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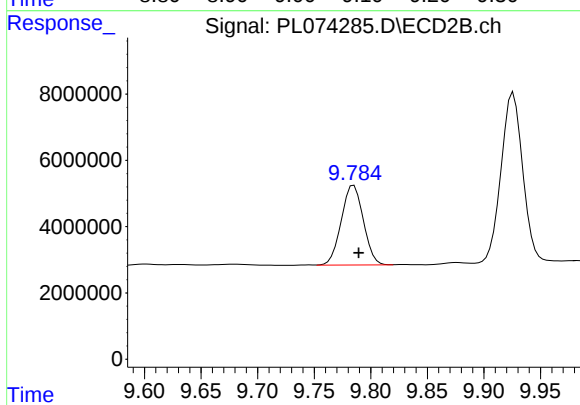
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 66920308
Conc: 40.21 ng/ml



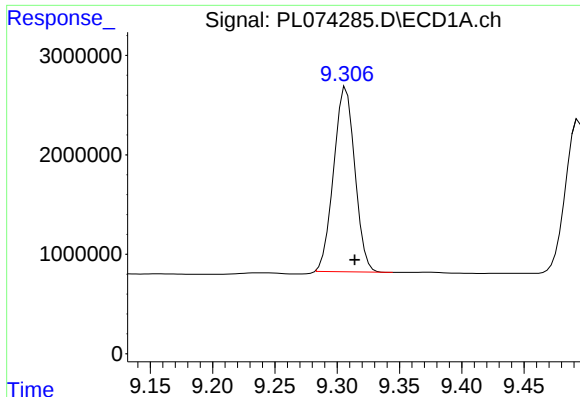
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.008 min
Response: 10921913
Conc: 43.99 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 32701359
Conc: 34.00 ng/ml



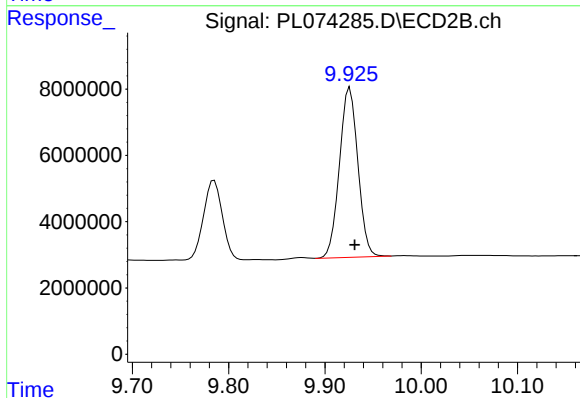
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 21967902
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MS

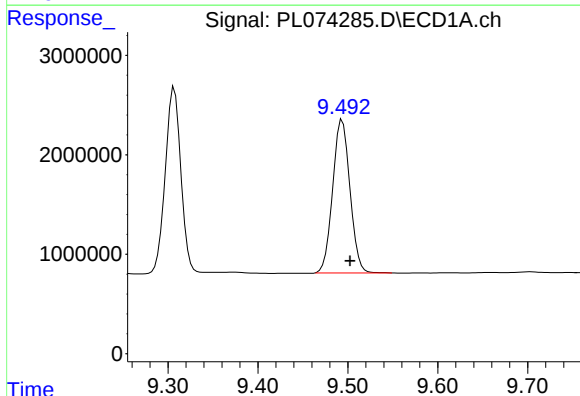
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



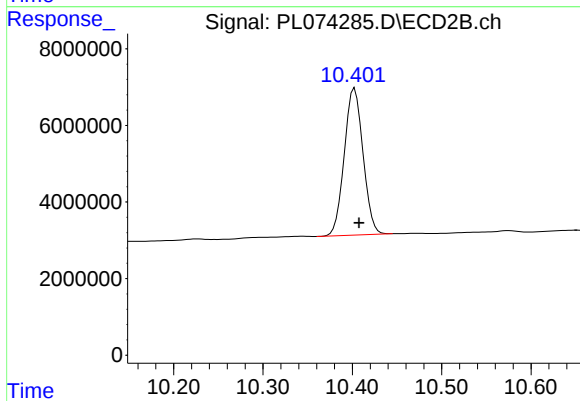
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 68018328
Conc: 39.30 ng/ml



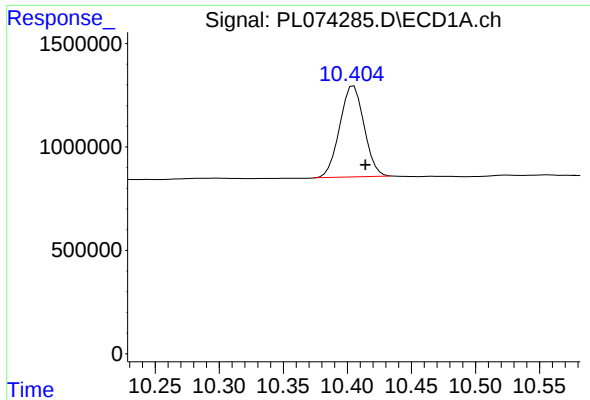
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 20614783
Conc: 44.20 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 55901384
Conc: 40.58 ng/ml



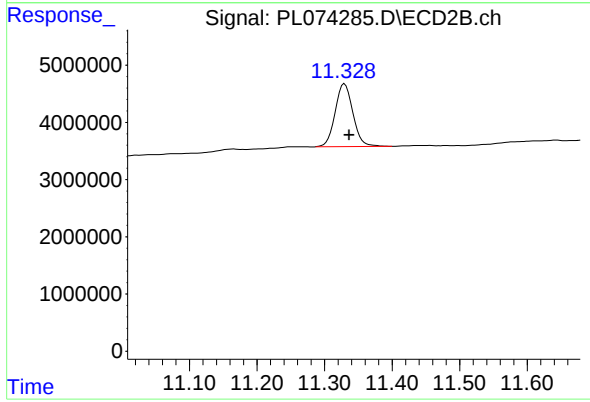
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 5828710
Conc: 11.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 20119017
Conc: 11.39 ng/ml