

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051622\
 Data File : PL074723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2022 11:28
 Operator : AR\AJ
 Sample : PB144789BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144789BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/17/2022
 Supervised By : mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:46:50 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...	5.654	4.654	9764604	24187885	19.232	17.623
28) SA Decachlor...	11.655	10.409	9766684	22471181	21.870	21.893
Target Compounds						
2) A alpha-BHC	6.238	5.357	33685944	80467371	49.238	47.815
3) MA gamma-BHC...	6.636	5.777	32412097	76099440	50.213	46.054
4) MA Heptachlor	7.290	6.188	31283516	70178924	48.473m	46.236
5) MB Aldrin	7.665	6.512	31144385	71794860	50.275	47.848
6) B beta-BHC	6.885	6.154	14373304	35743227	48.159m	45.018
7) B delta-BHC	7.158	6.416	32108237	74601191	51.206	47.708
8) B Heptachlo...	8.132	7.087	28448716	65174451	50.020	46.828
9) A Endosulfan I	8.541	7.489	27755663	59086640	48.145	47.226
10) B gamma-Chl...	8.403	7.364	26959555	66235458	52.121	47.795
11) B alpha-Chl...	8.485	7.433	30974343	65662464	50.736	48.573
12) B 4,4'-DDE	8.670	7.645	24772543	58701376	53.513	49.886
13) MA Dieldrin	8.831	7.775	27656265	65141003	52.618	51.135
14) MA Endrin	9.073	8.065	21516256	54778889	52.140	51.859
15) B Endosulfa...	9.306	8.375	24463950	55040984	55.650	48.726
16) A 4,4'-DDD	9.212	8.229	21513488	48335372	47.583	49.065
17) MA 4,4'-DDT	9.531	8.491	22411524	48927496	48.760	48.902
18) B Endrin al...	9.441	8.563	21004461	45343038	59.348	56.772
19) B Endosulfa...	9.679	8.793	23453970	54258492	51.893	49.845
20) A Methoxychlor	10.017	9.084	12410472	28162371	50.673	48.191
21) B Endrin ke...	10.181	9.312	27073451	59601111	52.791	53.459
22) Mirex	10.655	9.502	21212836	48577171	52.571	50.152

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051622\
Data File : PL074723.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2022 11:28
Operator : AR\AJ
Sample : PB144789BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

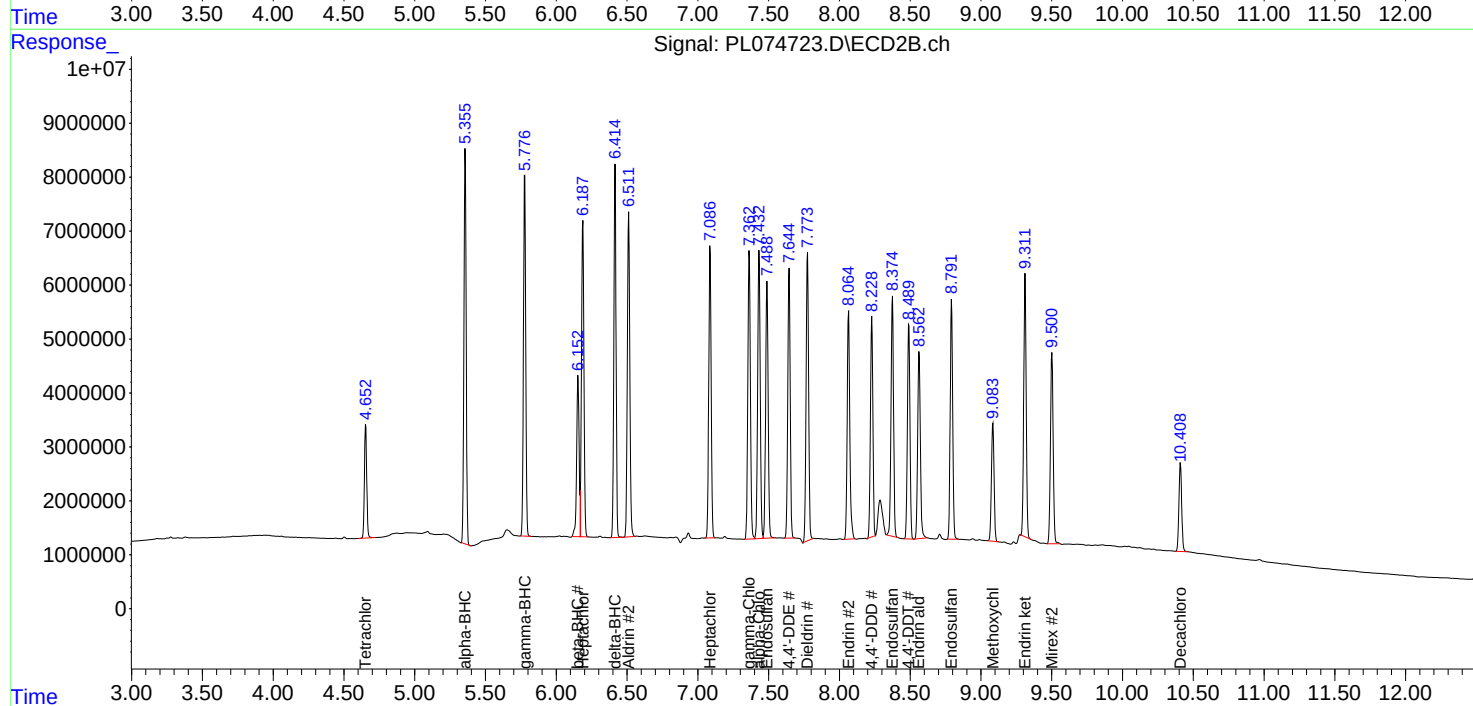
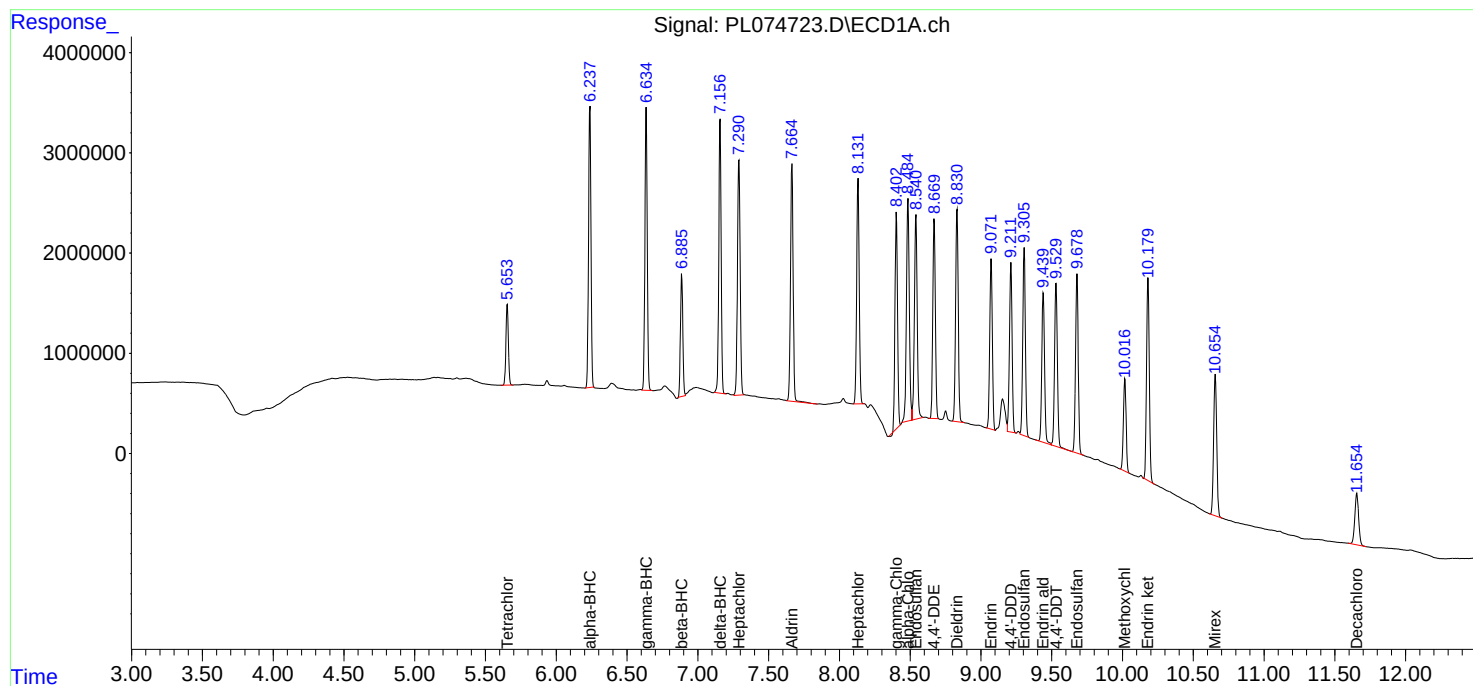
Instrument :
ECD_L
ClientSampleId :
PB144789BS

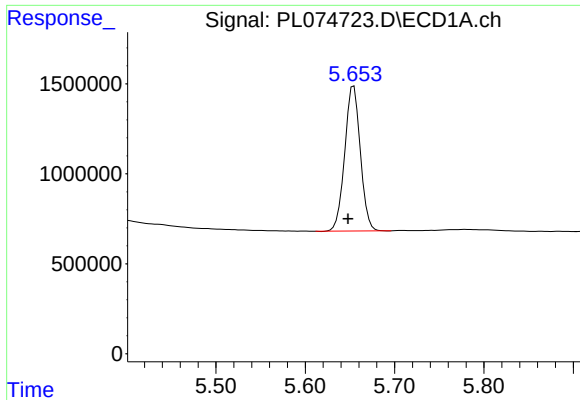
Manual Integrations
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Reviewed By :Abdul Mirza 05/17/2022
Supervised By :mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 00:46:50 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





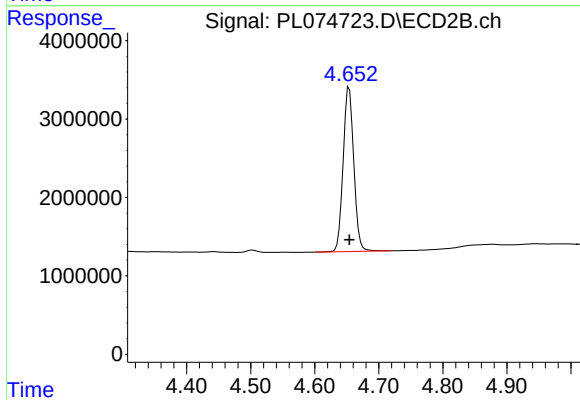
#1 Tetrachloro-m-xylene

R.T.: 5.654 min
Delta R.T.: 0.006 min
Response: 9764604
Conc: 19.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

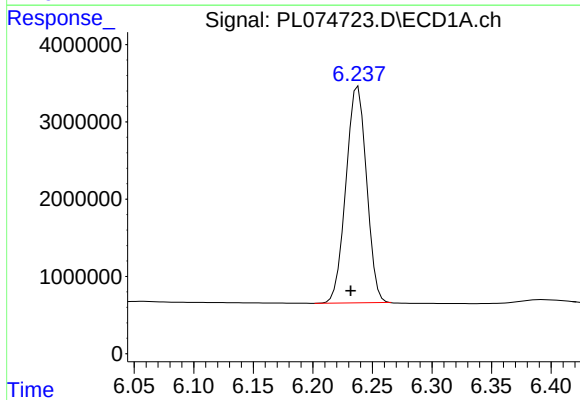
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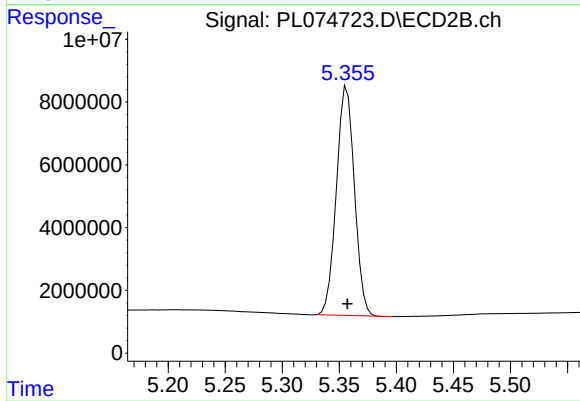
#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 24187885
Conc: 17.62 ng/ml



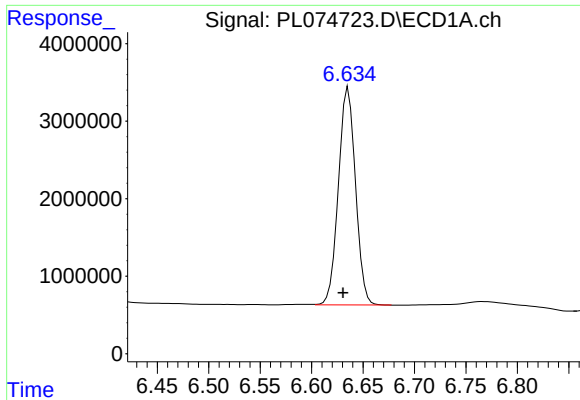
#2 alpha-BHC

R.T.: 6.238 min
Delta R.T.: 0.006 min
Response: 33685944
Conc: 49.24 ng/ml



#2 alpha-BHC

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 80467371
Conc: 47.81 ng/ml



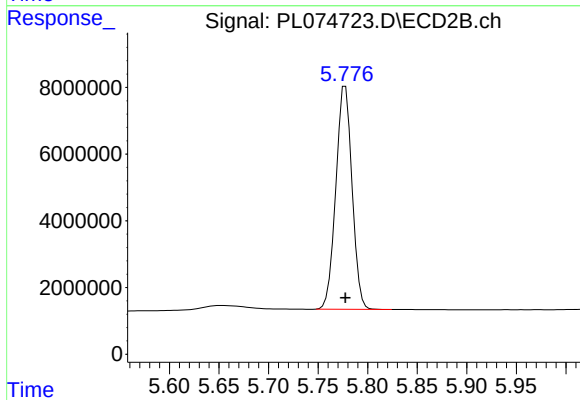
#3 gamma-BHC (Lindane)

R.T.: 6.636 min
Delta R.T.: 0.005 min
Response: 32412097
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

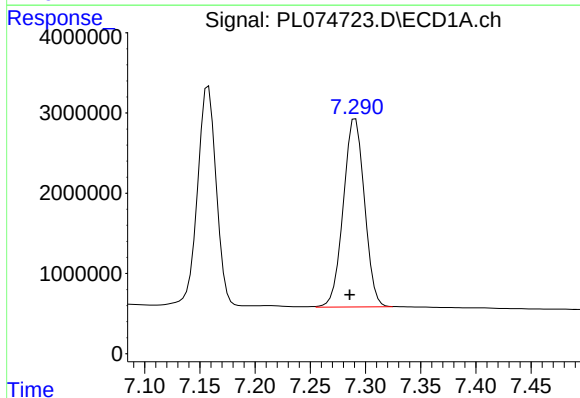
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ahmed 05/17/2022



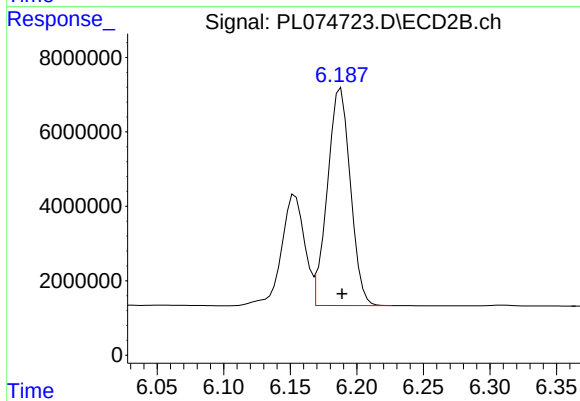
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 76099440
Conc: 46.05 ng/ml



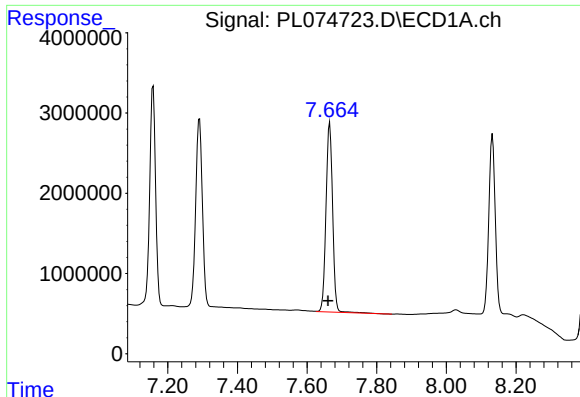
#4 Heptachlor

R.T.: 7.290 min
Delta R.T.: 0.004 min
Response: 31283516
Conc: 48.47 ng/ml m



#4 Heptachlor

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 70178924
Conc: 46.24 ng/ml



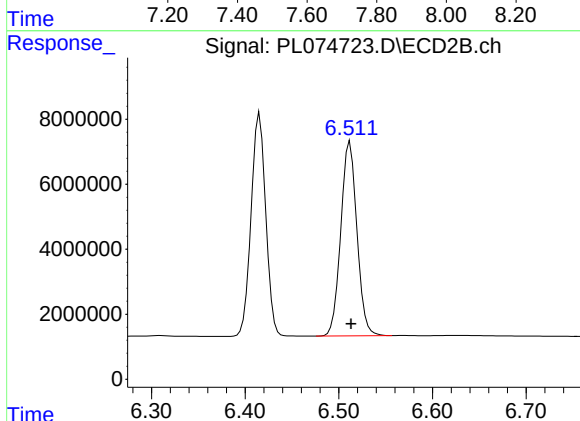
#5 Aldrin

R.T.: 7.665 min
Delta R.T.: 0.005 min
Response: 31144385
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

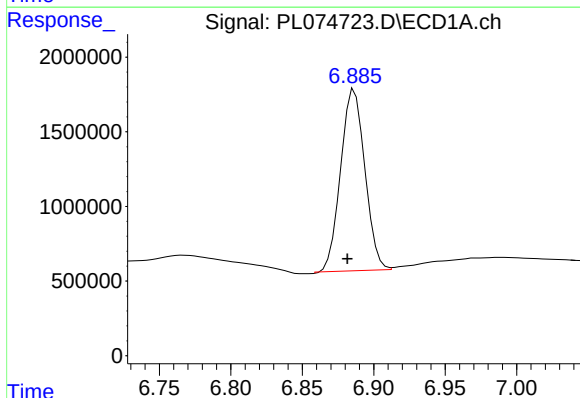
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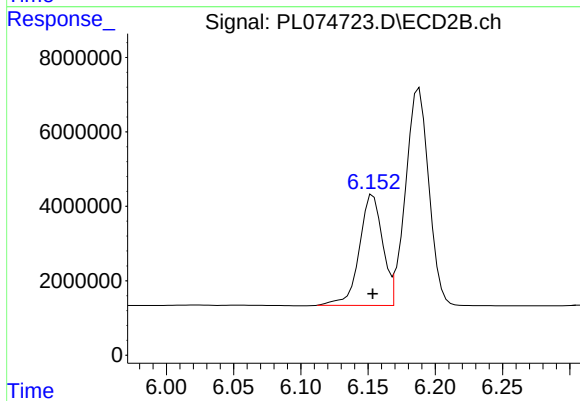
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: -0.001 min
Response: 71794860
Conc: 47.85 ng/ml



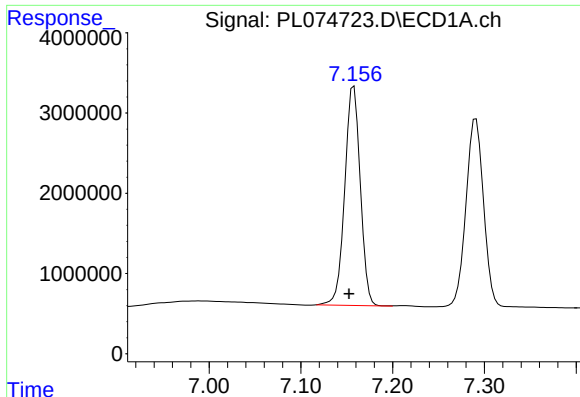
#6 beta-BHC

R.T.: 6.885 min
Delta R.T.: 0.004 min
Response: 14373304
Conc: 48.16 ng/ml m



#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 35743227
Conc: 45.02 ng/ml



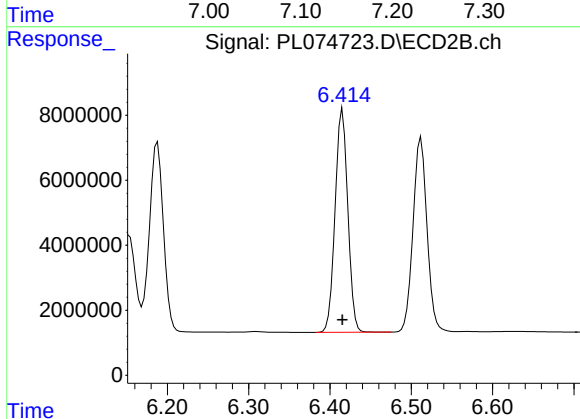
#7 delta-BHC

R.T.: 7.158 min
Delta R.T.: 0.005 min
Response: 32108237
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

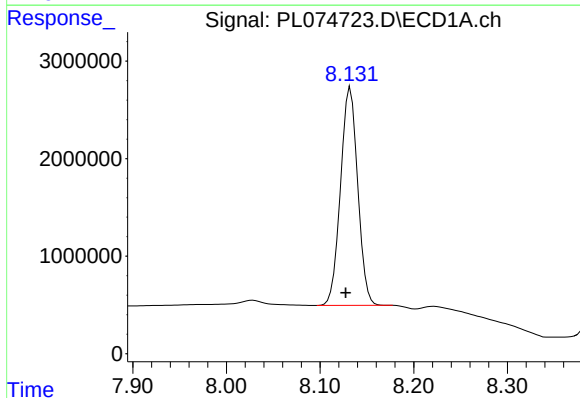
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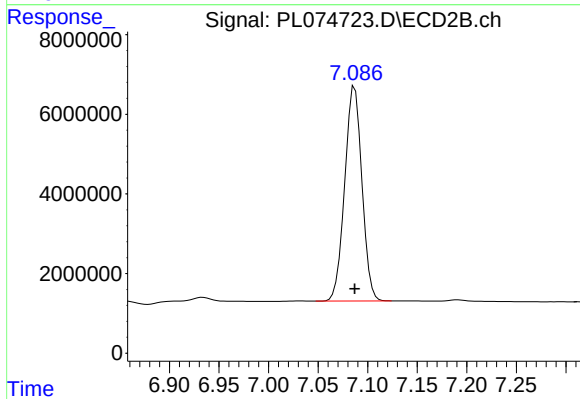
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 74601191
Conc: 47.71 ng/ml



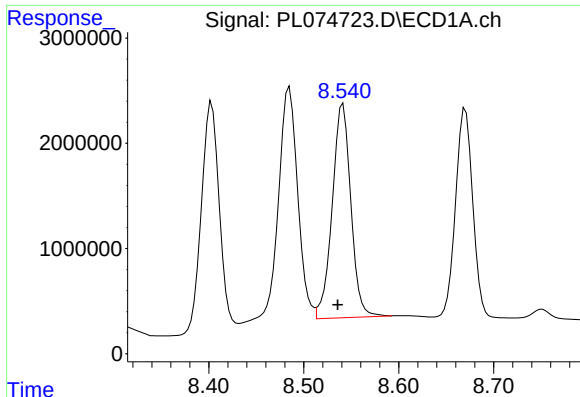
#8 Heptachlor epoxide

R.T.: 8.132 min
Delta R.T.: 0.005 min
Response: 28448716
Conc: 50.02 ng/ml



#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 65174451
Conc: 46.83 ng/ml



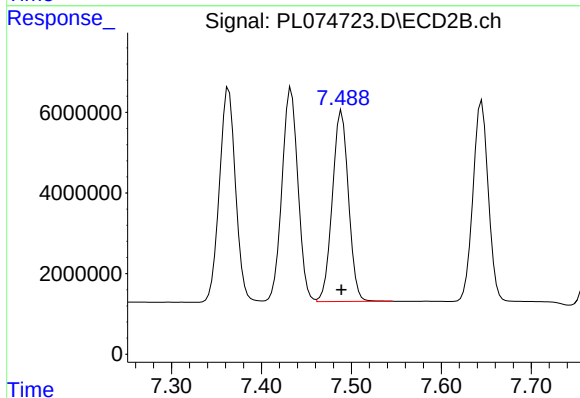
#9 Endosulfan I

R.T.: 8.541 min
Delta R.T.: 0.005 min
Response: 27755663
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

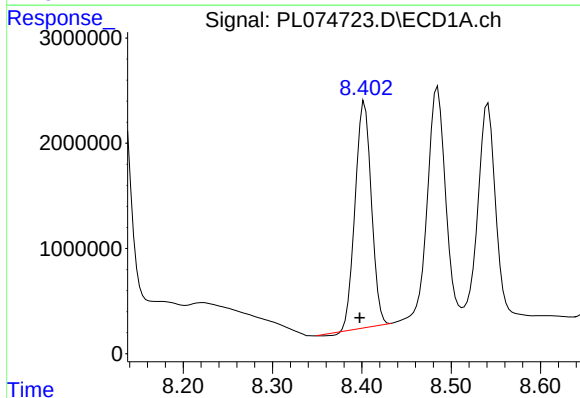
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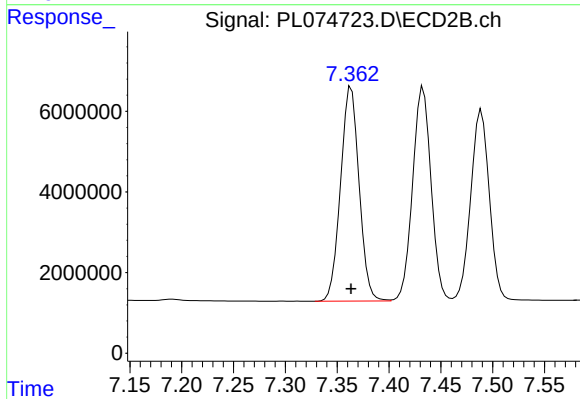
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 59086640
Conc: 47.23 ng/ml



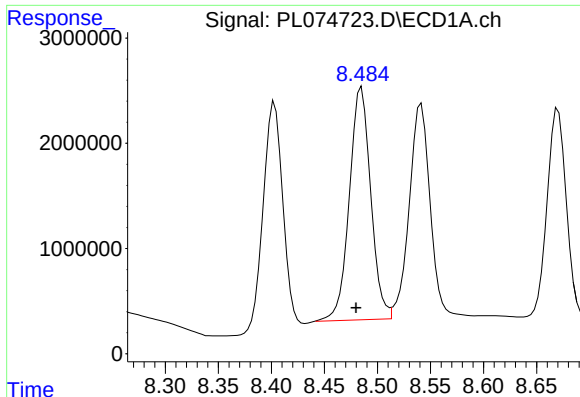
#10 gamma-Chlordane

R.T.: 8.403 min
Delta R.T.: 0.005 min
Response: 26959555
Conc: 52.12 ng/ml



#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 66235458
Conc: 47.79 ng/ml



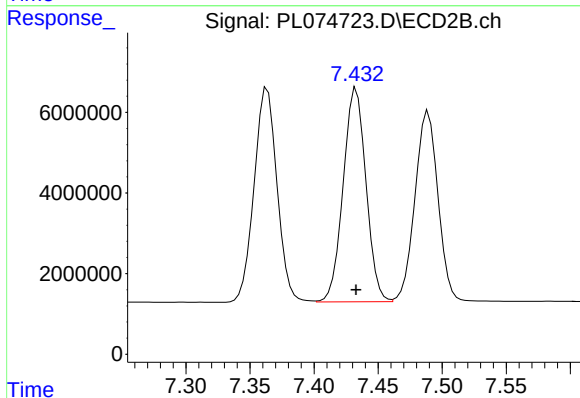
#11 alpha-Chlordane

R.T.: 8.485 min
Delta R.T.: 0.005 min
Response: 30974343
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

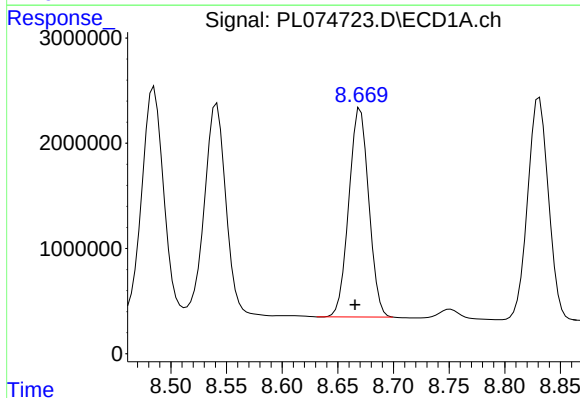
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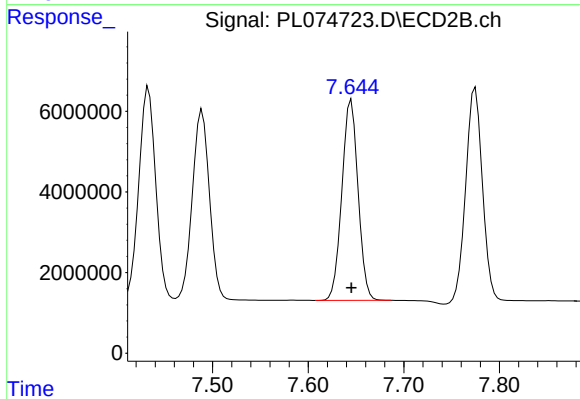
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 65662464
Conc: 48.57 ng/ml



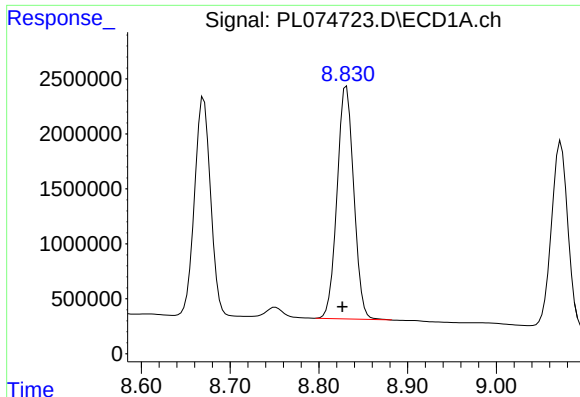
#12 4,4'-DDE

R.T.: 8.670 min
Delta R.T.: 0.005 min
Response: 24772543
Conc: 53.51 ng/ml



#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 58701376
Conc: 49.89 ng/ml



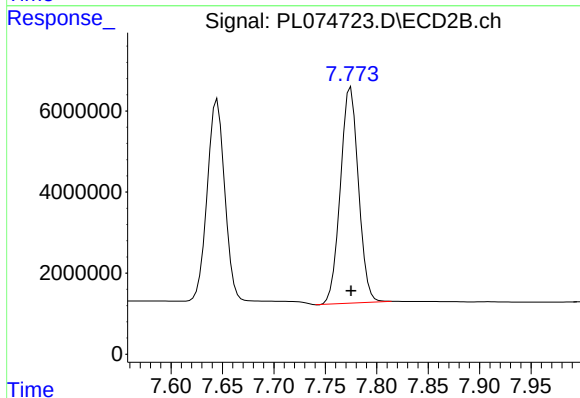
#13 Dieldrin

R.T.: 8.831 min
Delta R.T.: 0.004 min
Response: 27656265
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

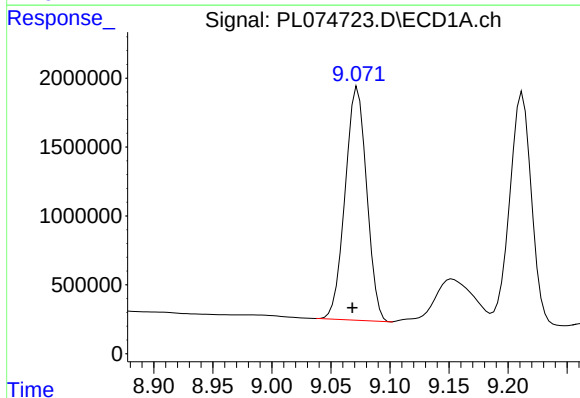
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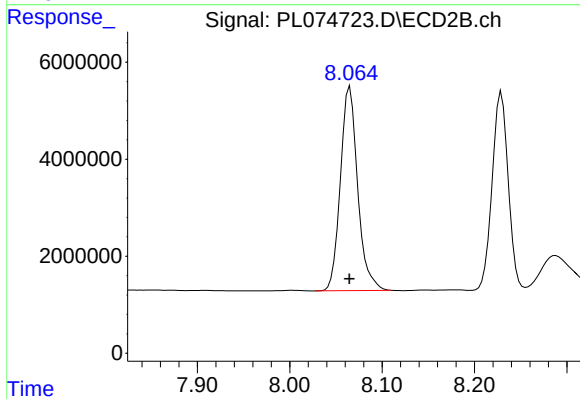
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 65141003
Conc: 51.13 ng/ml



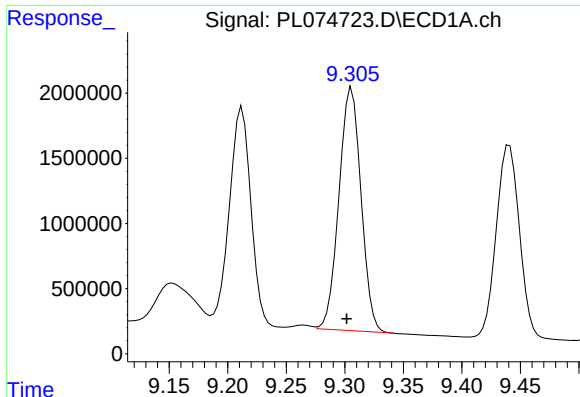
#14 Endrin

R.T.: 9.073 min
Delta R.T.: 0.005 min
Response: 21516256
Conc: 52.14 ng/ml



#14 Endrin

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 54778889
Conc: 51.86 ng/ml



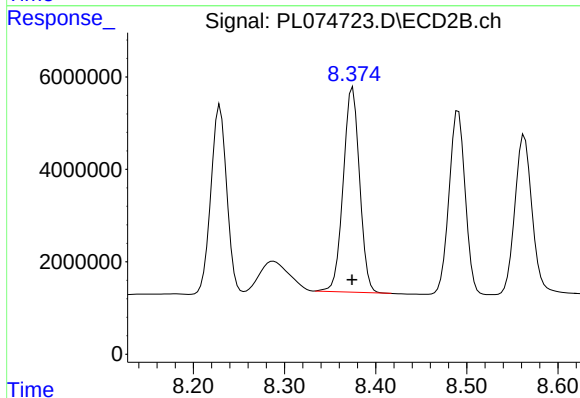
#15 Endosulfan II

R.T.: 9.306 min
Delta R.T.: 0.004 min
Response: 24463950
Conc: 55.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

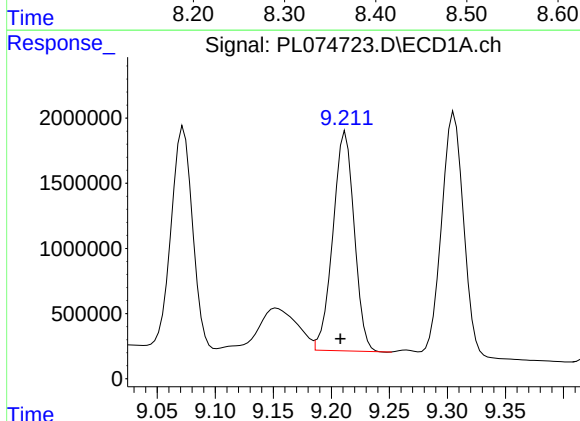
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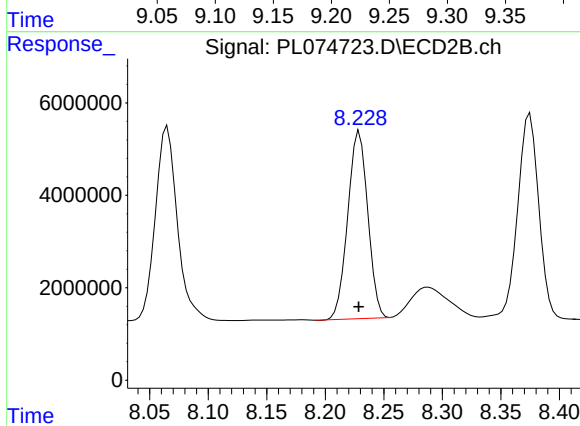
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 55040984
Conc: 48.73 ng/ml



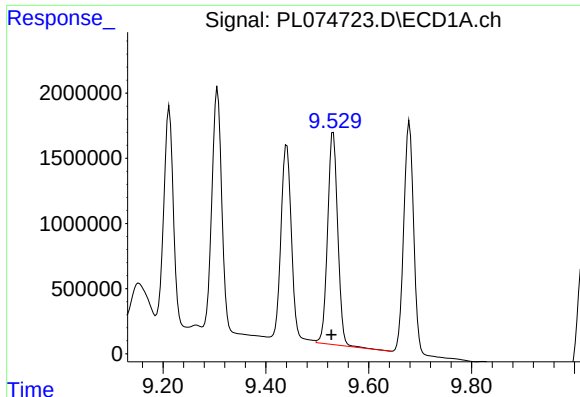
#16 4,4'-DDD

R.T.: 9.212 min
Delta R.T.: 0.005 min
Response: 21513488
Conc: 47.58 ng/ml



#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 48335372
Conc: 49.06 ng/ml



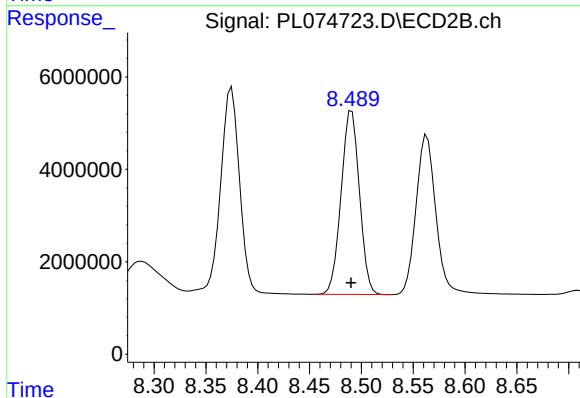
#17 4,4'-DDT

R.T.: 9.531 min
Delta R.T.: 0.004 min
Response: 22411524
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

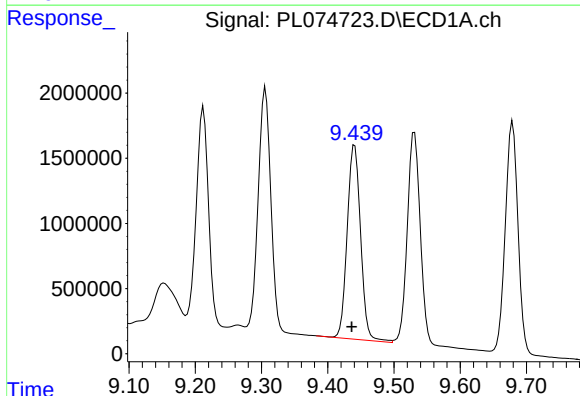
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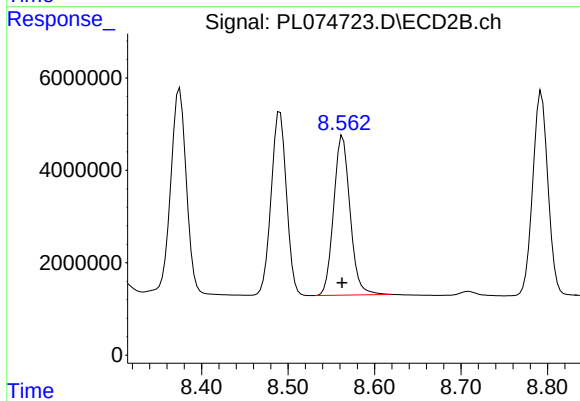
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 48927496
Conc: 48.90 ng/ml



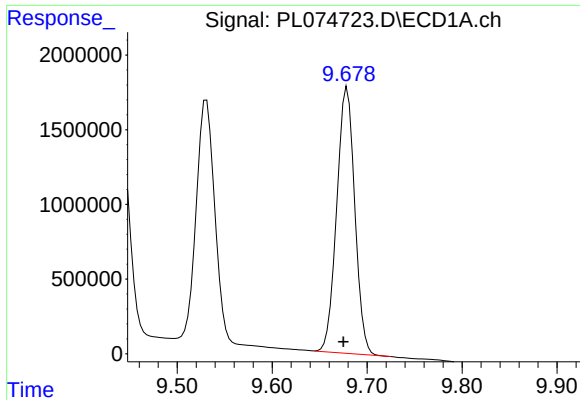
#18 Endrin aldehyde

R.T.: 9.441 min
Delta R.T.: 0.004 min
Response: 21004461
Conc: 59.35 ng/ml



#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 45343038
Conc: 56.77 ng/ml



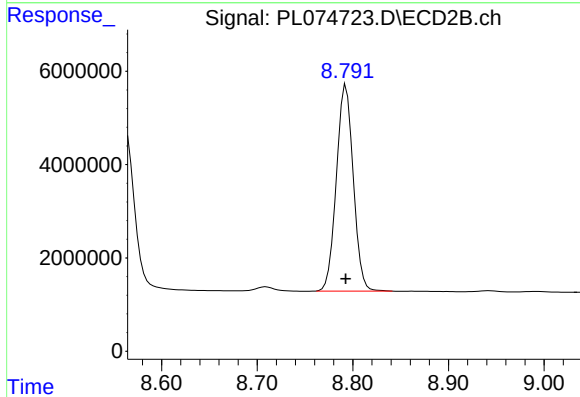
#19 Endosulfan Sulfate

R.T.: 9.679 min
Delta R.T.: 0.004 min
Response: 23453970
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

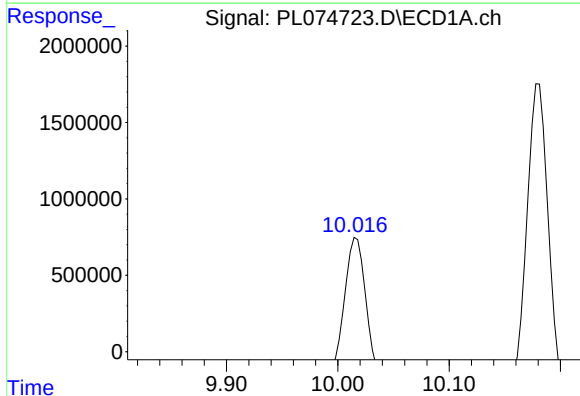
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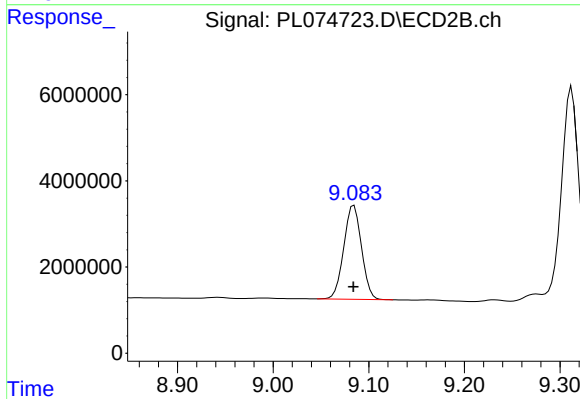
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 54258492
Conc: 49.85 ng/ml



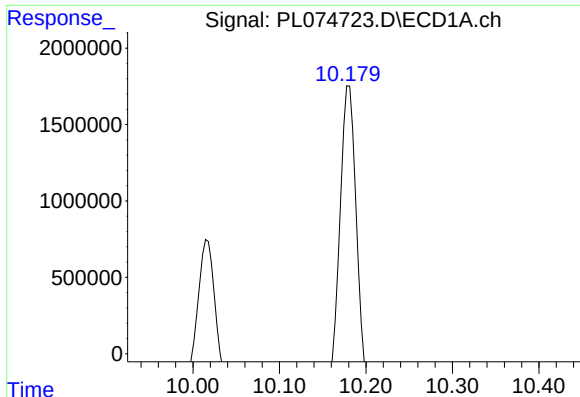
#20 Methoxychlor

R.T.: 10.017 min
Delta R.T.: 0.004 min
Response: 12410472
Conc: 50.67 ng/ml



#20 Methoxychlor

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 28162371
Conc: 48.19 ng/ml



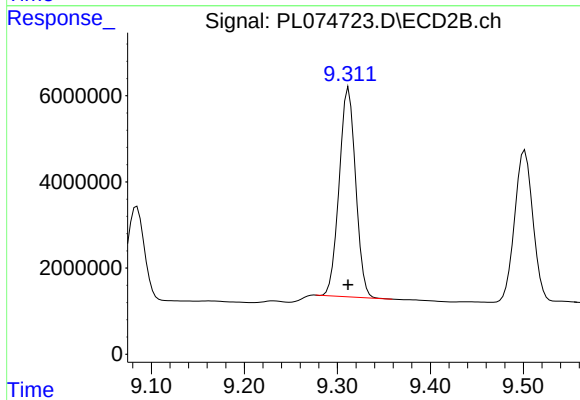
#21 Endrin ketone

R.T.: 10.181 min
Delta R.T.: 0.004 min
Response: 27073451
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

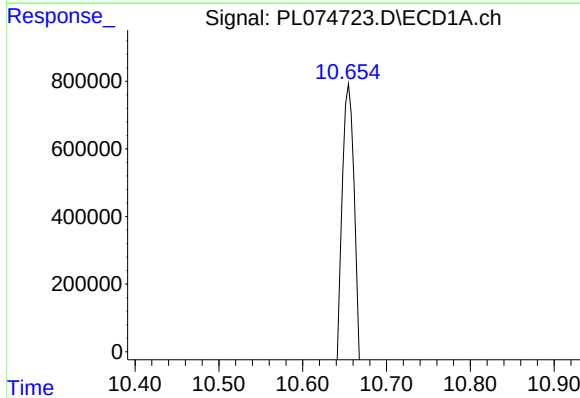
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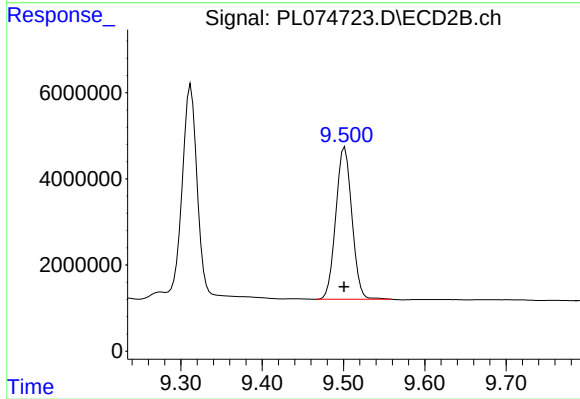
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 59601111
Conc: 53.46 ng/ml



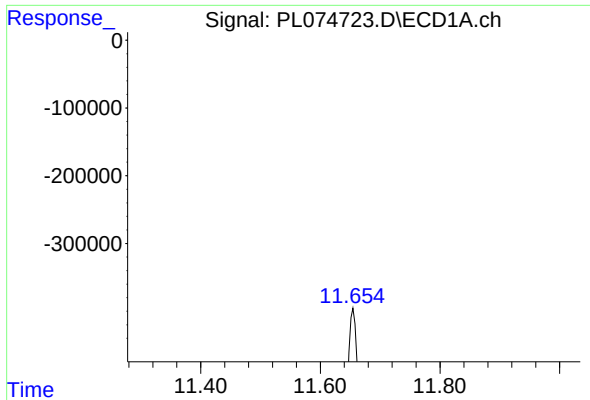
#22 Mirex

R.T.: 10.655 min
Delta R.T.: 0.004 min
Response: 21212836
Conc: 52.57 ng/ml



#22 Mirex

R.T.: 9.502 min
Delta R.T.: 0.001 min
Response: 48577171
Conc: 50.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.655 min
Delta R.T.: 0.004 min
Response: 9766684
Conc: 21.87 ng/ml

Instrument :

ECD_L

ClientSampleId :

PB144789BS

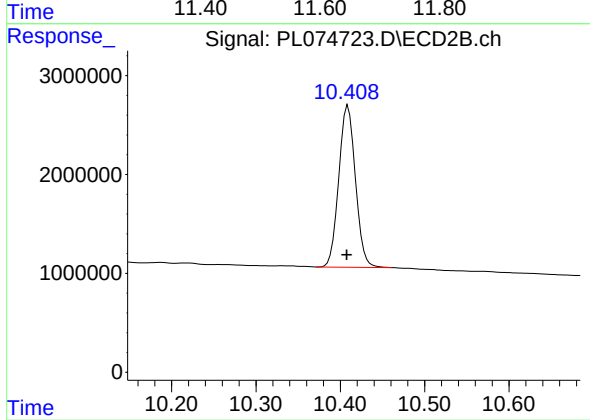
Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/17/2022

Supervised By :mohammad

ahmed 05/17/2022



#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: 0.001 min
Response: 22471181
Conc: 21.89 ng/ml