

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110922\
 Data File : PL078959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2022 14:08
 Operator : AR\AJ
 Sample : N5511-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PL-03-110722MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 21:04:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.321	2.569	28421923	40640720	14.904	15.918
28) SA Decachlor...	8.774	7.634	25950320	33651259	17.250	17.766
Target Compounds						
2) A alpha-BHC	3.782	3.055	110.7E6	141.2E6	38.548	35.768
3) MA gamma-BHC...	4.113	3.376	124.7E6	152.0E6	46.669m	42.282
4) MA Heptachlor	4.685	3.702	106.6E6	140.3E6	41.064	40.455
5) MB Aldrin	5.023	3.974	123.0E6	136.8E6	49.643	39.064
6) B beta-BHC	4.328	3.676	45966779	59029875	39.903m	41.140
7) B delta-BHC	4.570	3.895	102.2E6	151.4E6	44.893	41.581
8) B Heptachlo...	5.455	4.470	82519083	122.1E6	38.869m	40.533
9) A Endosulfan I	5.840	4.833	89896613	88042956	42.134	30.756 #
10) B gamma-Chl...	5.711	4.719	110.5E6	124.1E6	48.941	40.508
11) B alpha-Chl...	5.788	4.780	113.2E6	116.2E6	48.903	38.999
12) B 4,4'-DDE	5.971	4.976	65607628	112.2E6	32.782	41.212 #
13) MA Dieldrin	6.118	5.095	81342257	159.5E6	37.719	53.829m#
14) MA Endrin	6.349	5.366	74738194	122.0E6	39.381	46.843
15) B Endosulfa...	6.578	5.663	79637151	113.8E6	42.447	50.012
16) A 4,4'-DDD	6.494	5.526	82718697	95086287	49.621	43.292
17) MA 4,4'-DDT	6.805	5.770	69152000	98646213	38.582	45.477m
18) B Endrin al...	6.709	5.840	62725257	73972602	43.108	39.415
19) B Endosulfa...	6.942	6.063	77180530	99777137	41.948	41.915
20) A Methoxychlor	7.288	6.351	32333353	75950326	35.111m	66.929 #
21) B Endrin ke...	7.428	6.558	74191819	108.7E6	39.435	42.064
22) Mirex	7.885	6.731	70668953	77358091	48.409	39.309

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110922\
Data File : PL078959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2022 14:08
Operator : AR\AJ
Sample : N5511-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

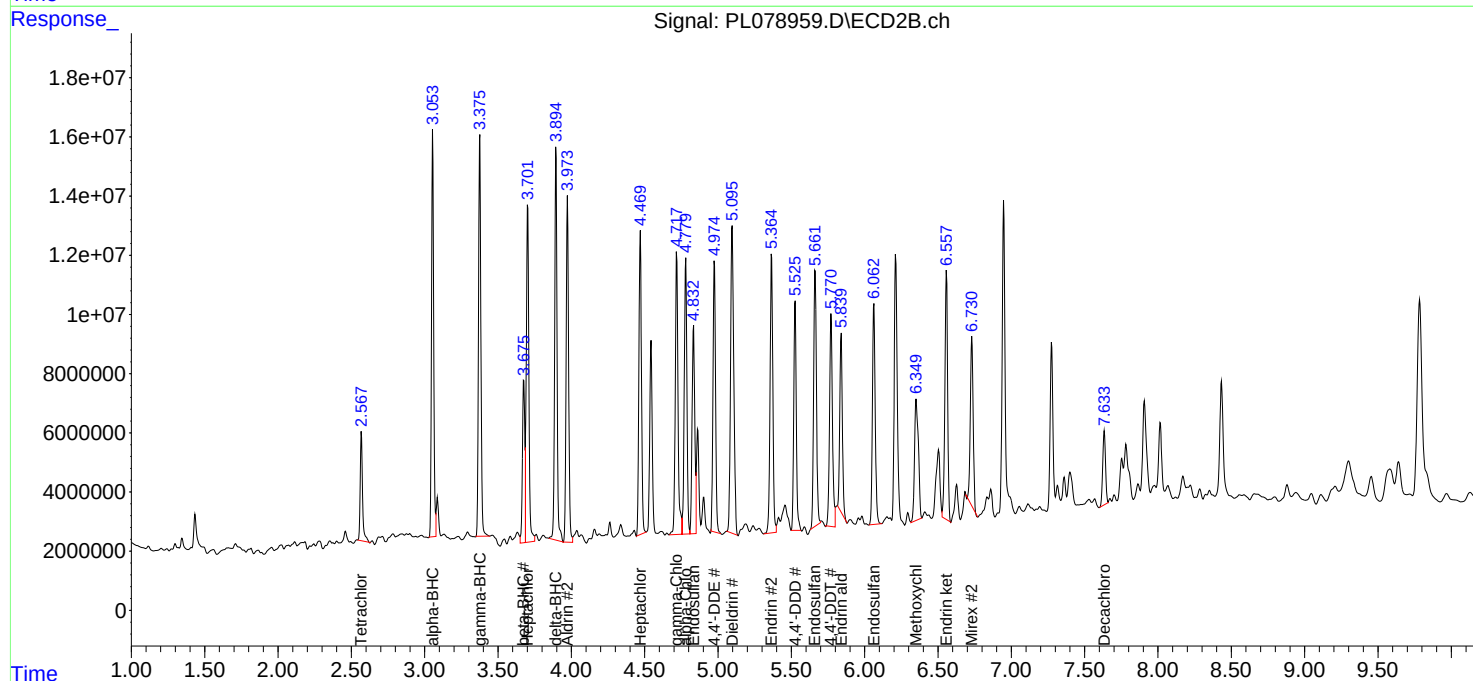
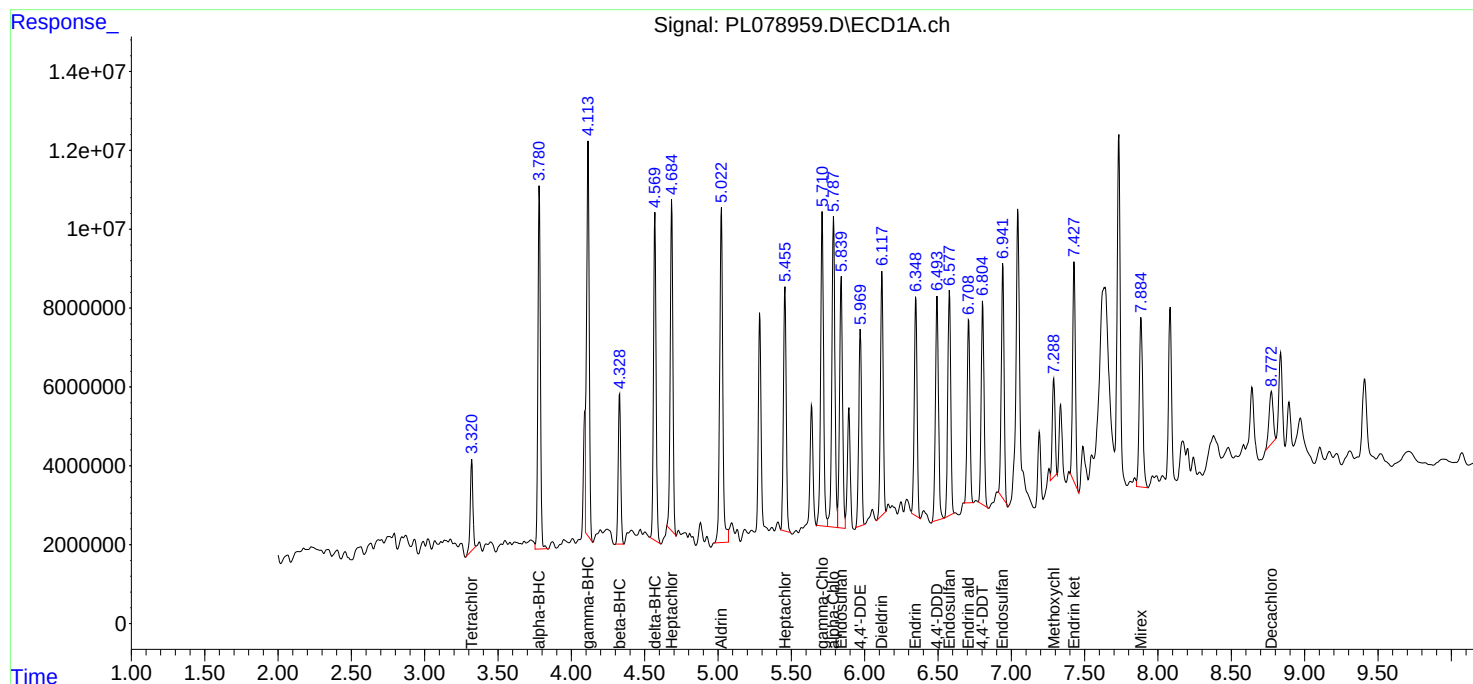
Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

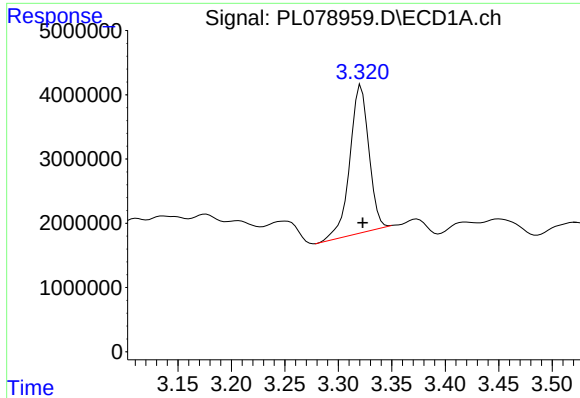
Manual Integrations
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Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 21:04:34 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 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





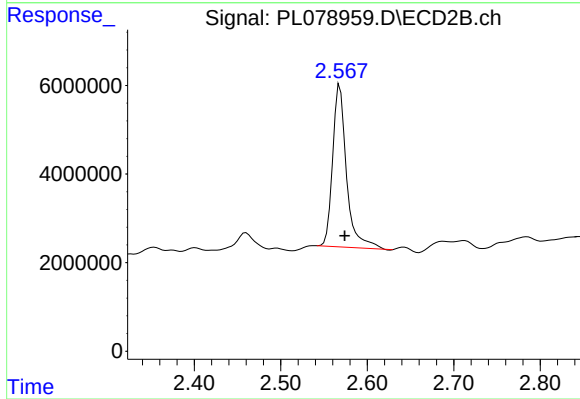
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 28421923
Conc: 14.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

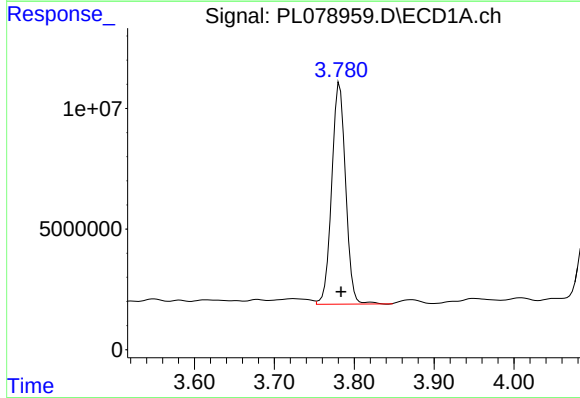
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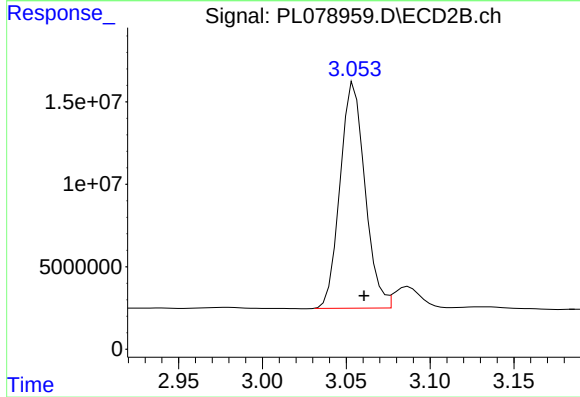
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 40640720
Conc: 15.92 ng/ml



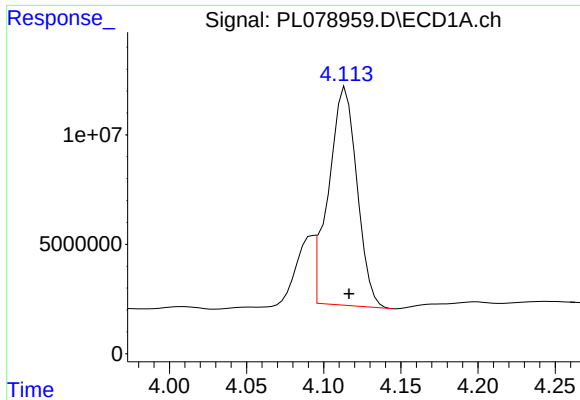
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 110686289
Conc: 38.55 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.006 min
Response: 141247886
Conc: 35.77 ng/ml



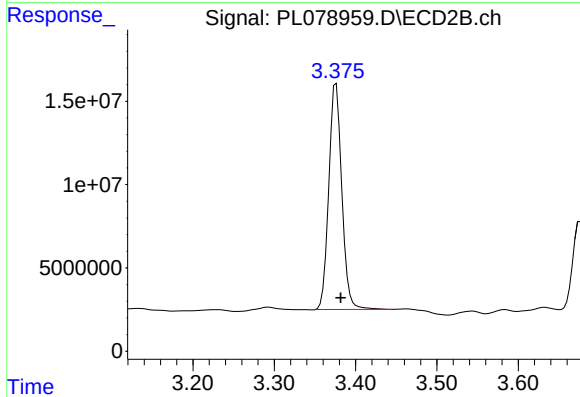
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.003 min
Response: 124686617
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

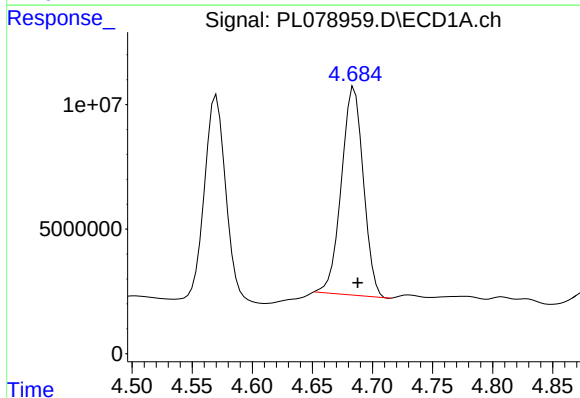
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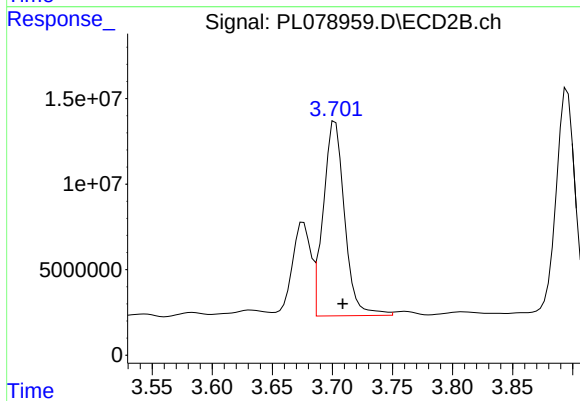
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.005 min
Response: 151971062
Conc: 42.28 ng/ml



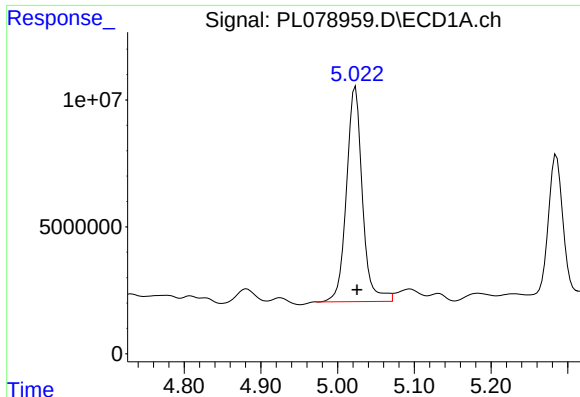
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.003 min
Response: 106603385
Conc: 41.06 ng/ml



#4 Heptachlor

R.T.: 3.702 min
Delta R.T.: -0.006 min
Response: 140288853
Conc: 40.45 ng/ml



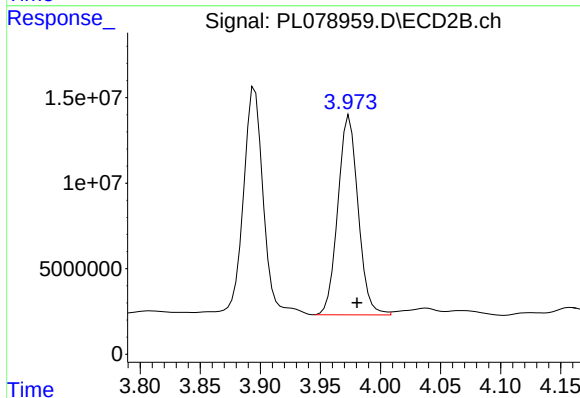
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 122950598
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

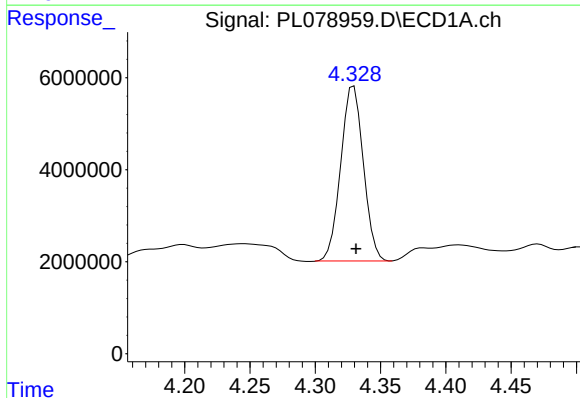
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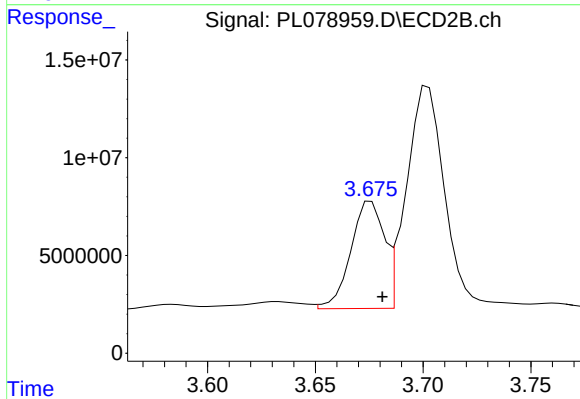
#5 Aldrin

R.T.: 3.974 min
Delta R.T.: -0.006 min
Response: 136790819
Conc: 39.06 ng/ml



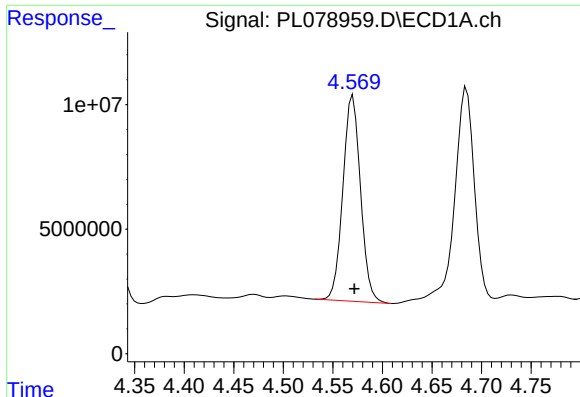
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 45966779
Conc: 39.90 ng/ml m



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 59029875
Conc: 41.14 ng/ml



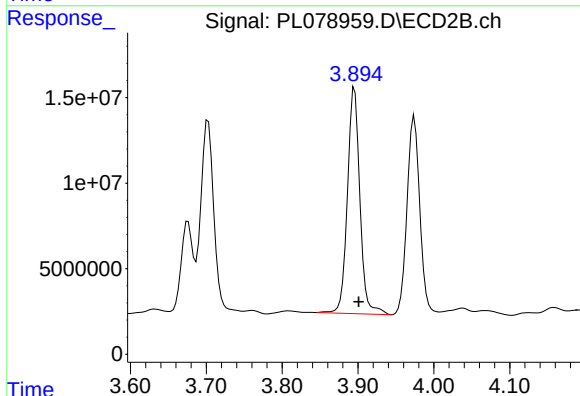
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 102214356
Conc: 44.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

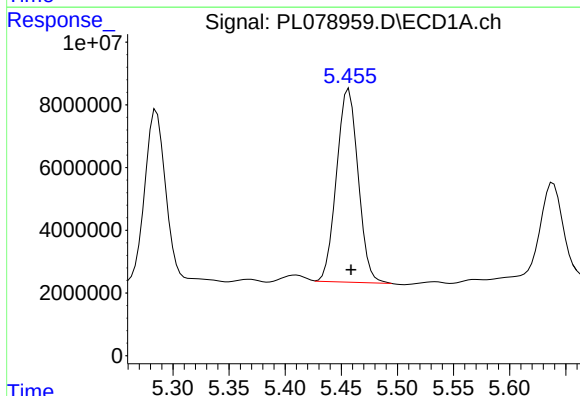
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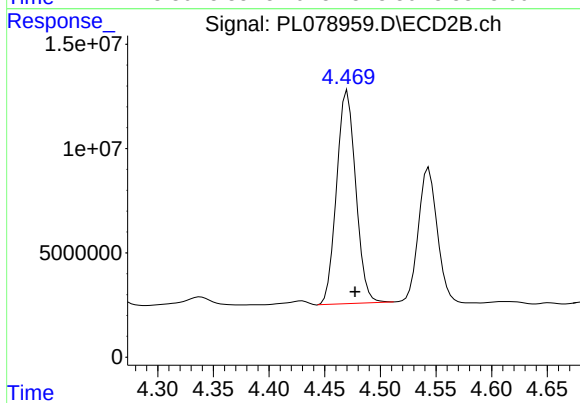
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.005 min
Response: 151410577
Conc: 41.58 ng/ml



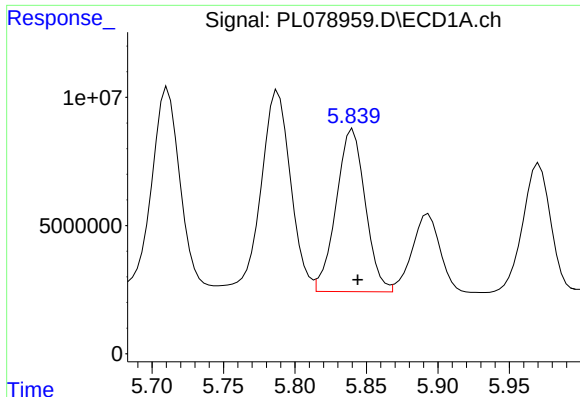
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.003 min
Response: 82519083
Conc: 38.87 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 122135588
Conc: 40.53 ng/ml



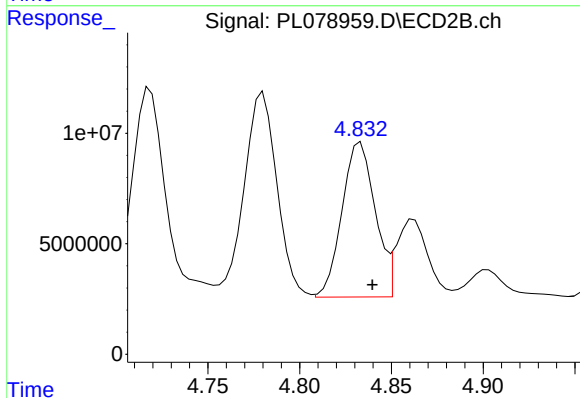
#9 Endosulfan I

R.T.: 5.840 min
Delta R.T.: -0.003 min
Response: 89896613
Conc: 42.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

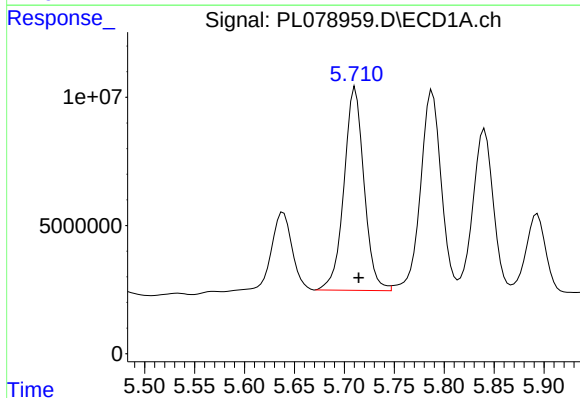
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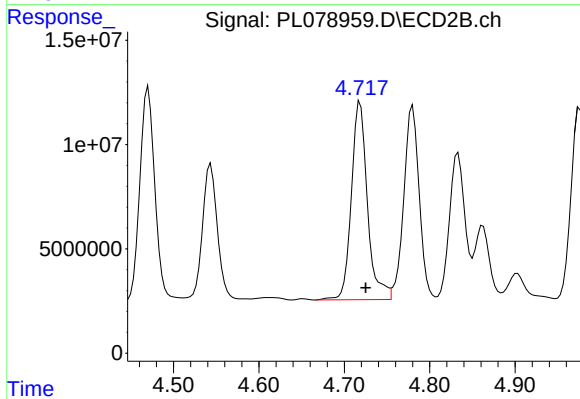
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: -0.006 min
Response: 88042956
Conc: 30.76 ng/ml



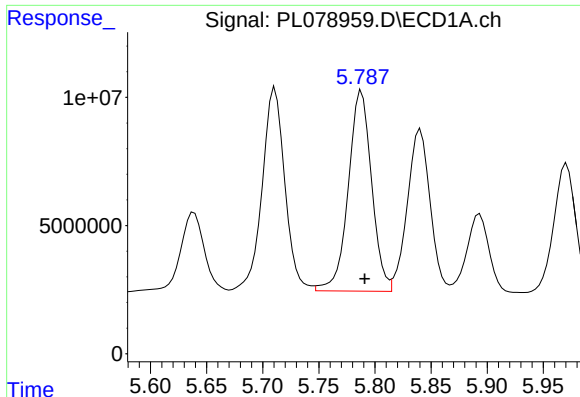
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 110467348
Conc: 48.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 124134749
Conc: 40.51 ng/ml



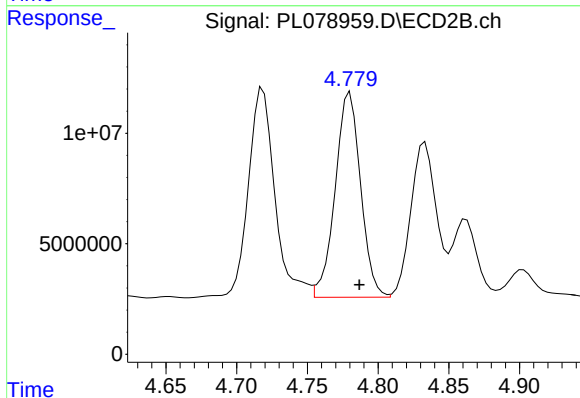
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 113151592
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

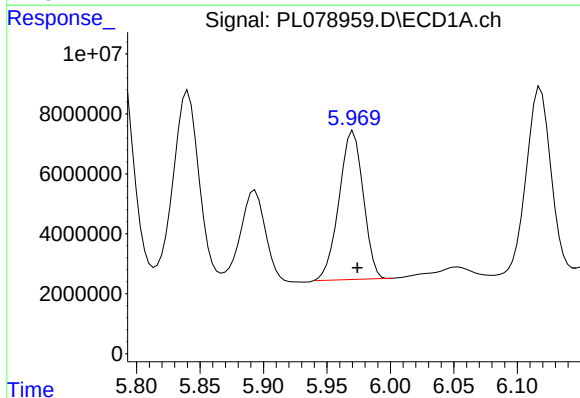
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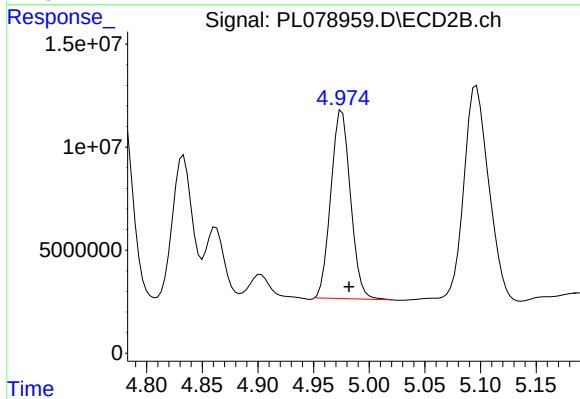
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 116231747
Conc: 39.00 ng/ml



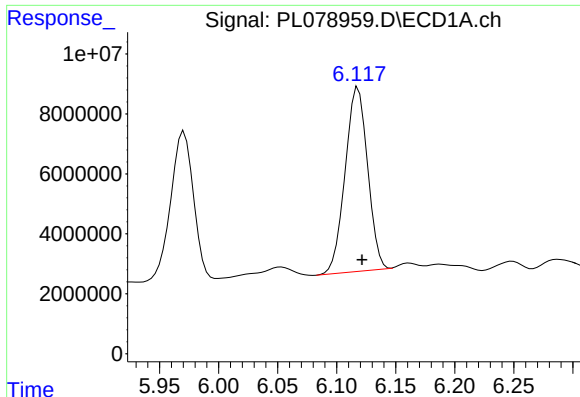
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 65607628
Conc: 32.78 ng/ml



#12 4,4'-DDE

R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 112199744
Conc: 41.21 ng/ml



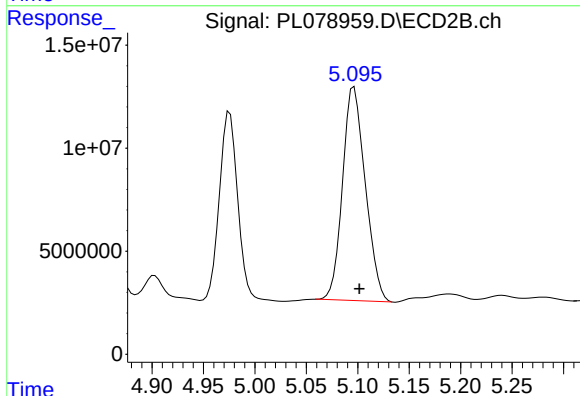
#13 Dieldrin

R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 81342257
Conc: 37.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

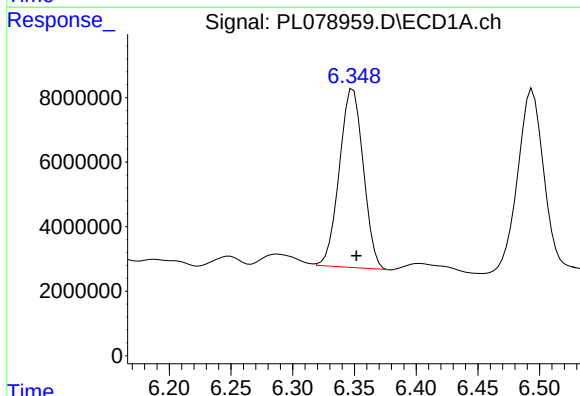
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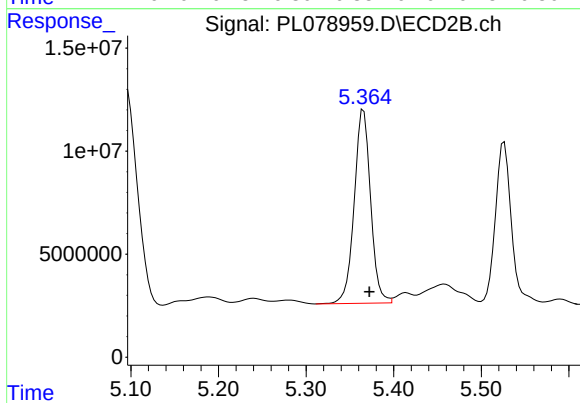
#13 Dieldrin

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 159501580
Conc: 53.83 ng/ml m



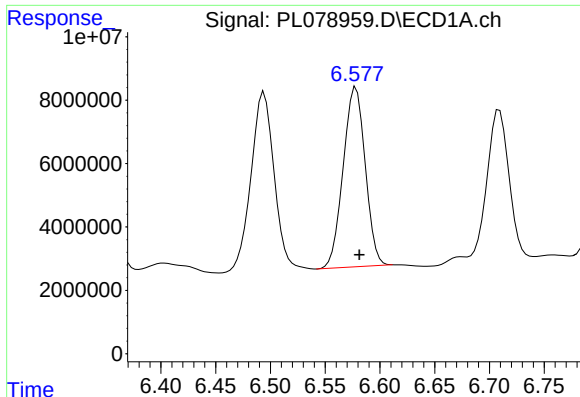
#14 Endrin

R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 74738194
Conc: 39.38 ng/ml



#14 Endrin

R.T.: 5.366 min
Delta R.T.: -0.007 min
Response: 122038747
Conc: 46.84 ng/ml



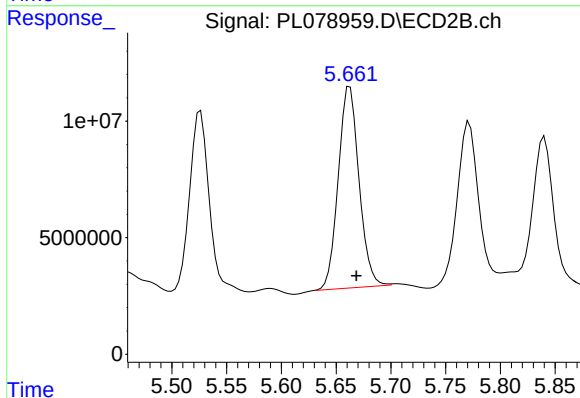
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 79637151
Conc: 42.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

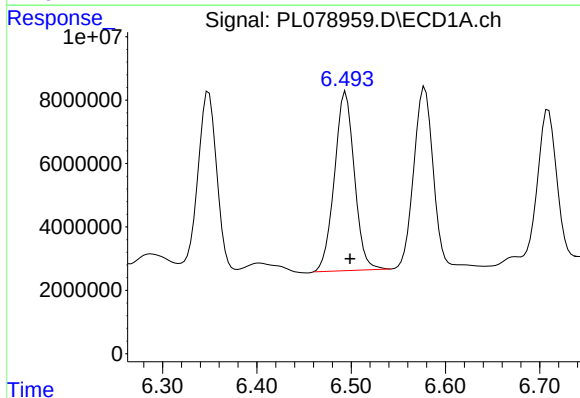
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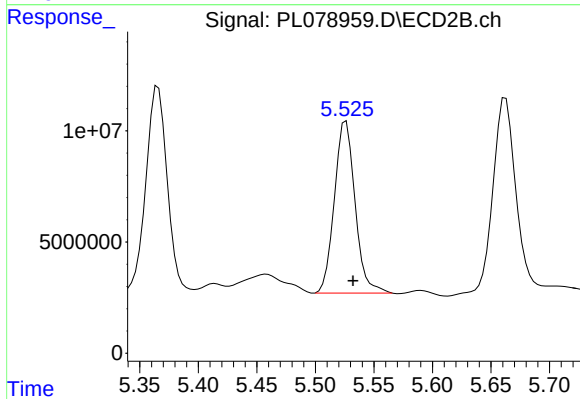
#15 Endosulfan II

R.T.: 5.663 min
Delta R.T.: -0.006 min
Response: 113840433
Conc: 50.01 ng/ml



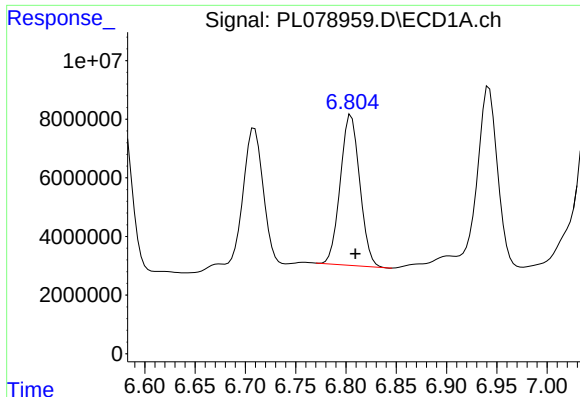
#16 4,4'-DDD

R.T.: 6.494 min
Delta R.T.: -0.005 min
Response: 82718697
Conc: 49.62 ng/ml



#16 4,4'-DDD

R.T.: 5.526 min
Delta R.T.: -0.006 min
Response: 95086287
Conc: 43.29 ng/ml



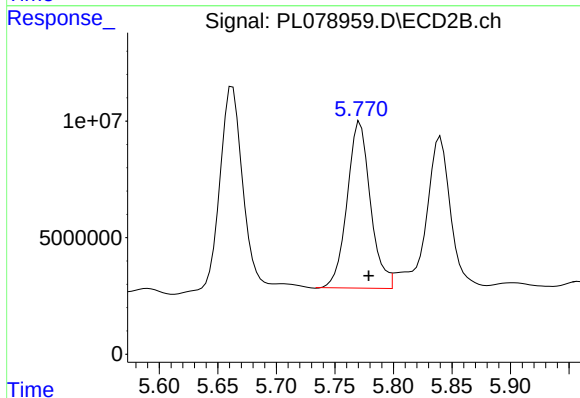
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.004 min
Response: 69152000
Conc: 38.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

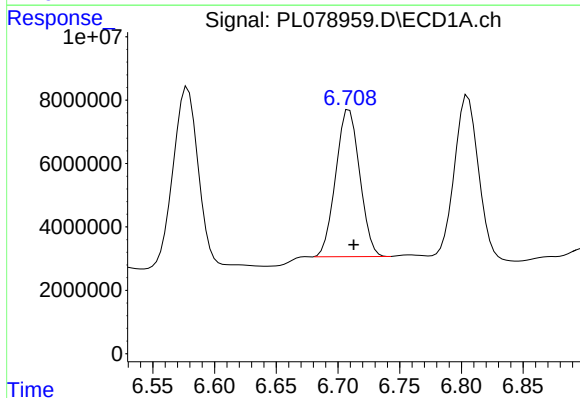
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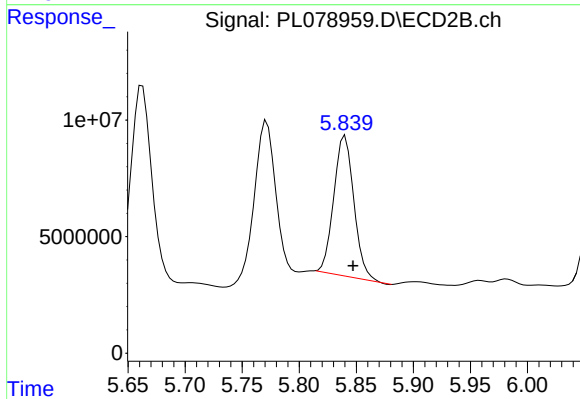
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 98646213
Conc: 45.48 ng/ml m



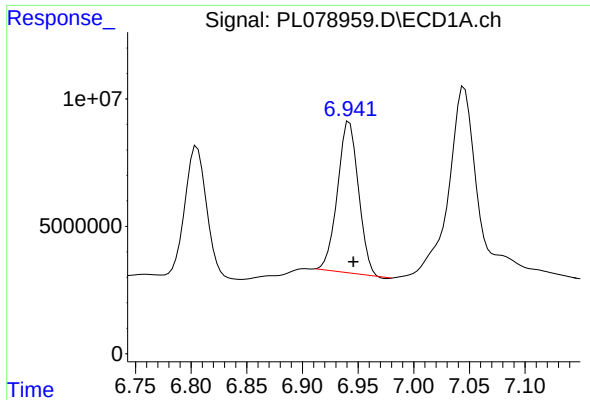
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: -0.004 min
Response: 62725257
Conc: 43.11 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 73972602
Conc: 39.41 ng/ml



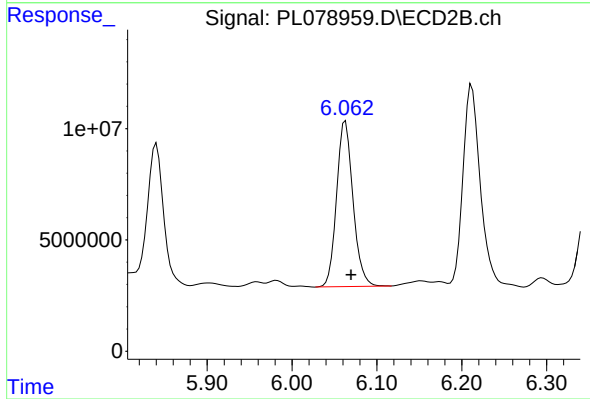
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 77180530
Conc: 41.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

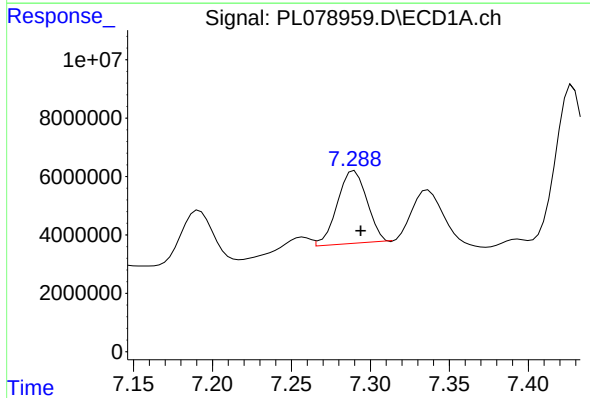
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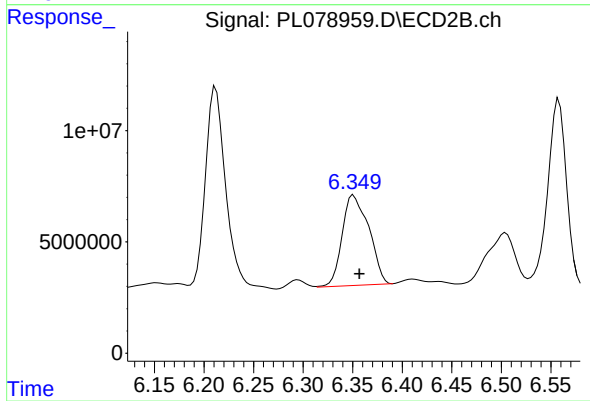
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 99777137
Conc: 41.91 ng/ml



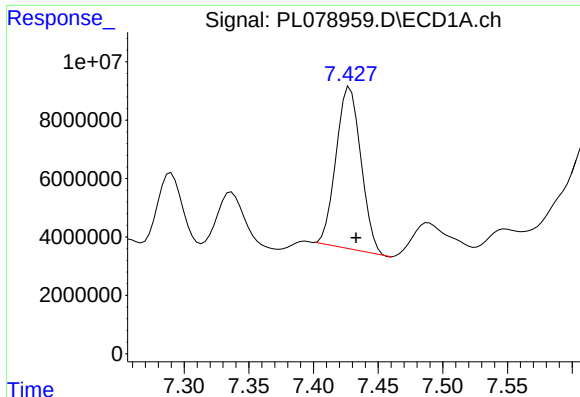
#20 Methoxychlor

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 32333353
Conc: 35.11 ng/ml m



#20 Methoxychlor

R.T.: 6.351 min
Delta R.T.: -0.006 min
Response: 75950326
Conc: 66.93 ng/ml



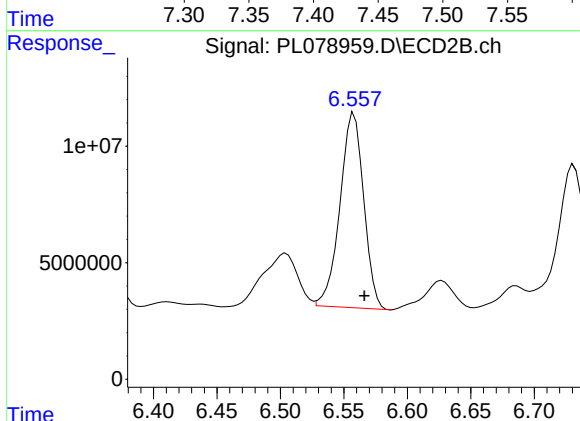
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 74191819
Conc: 39.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

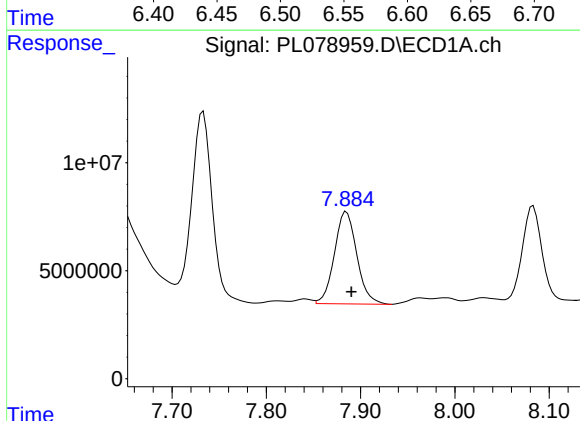
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



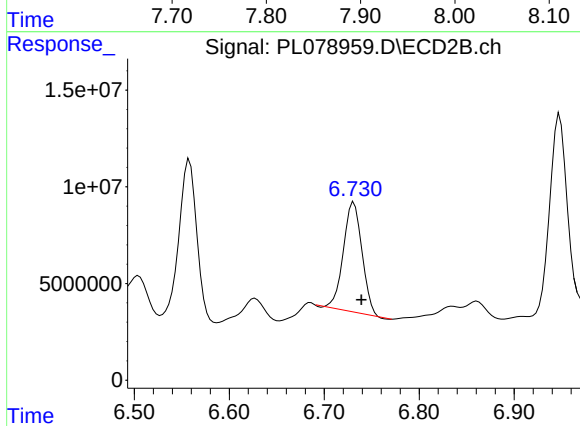
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 108724734
Conc: 42.06 ng/ml



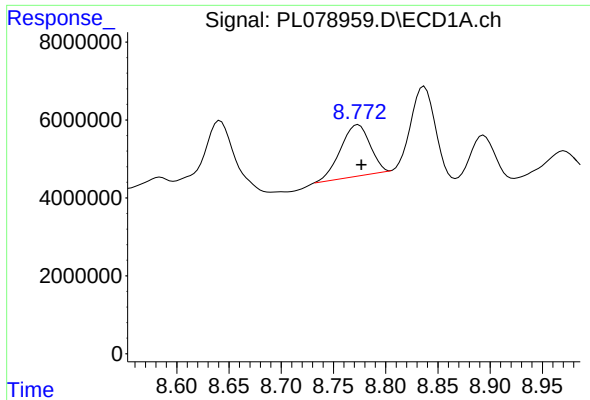
#22 Mirex

R.T.: 7.885 min
Delta R.T.: -0.005 min
Response: 70668953
Conc: 48.41 ng/ml



#22 Mirex

R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 77358091
Conc: 39.31 ng/ml



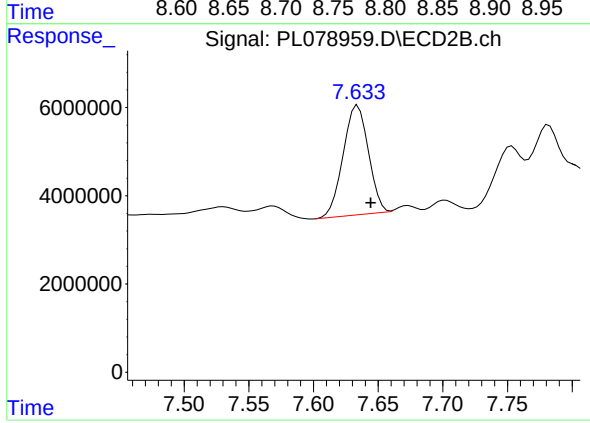
#28 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.003 min
Response: 25950320
Conc: 17.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-03-110722MSD

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#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 33651259
Conc: 17.77 ng/ml