

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
 Data File : PL073587.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2022 19:10
 Operator : AR\AJ
 Sample : N2031-10MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CMP-B3-031822-0-6MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/23/2022
 Supervised By : mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:52:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.641	5.491	6147443	31261742	19.194	19.048
28)	SA Decachlor...	10.414	11.331	8319689	27269543	16.361	15.250
Target Compounds							
2)	A alpha-BHC	5.349	6.054	20365781	115.6E6	49.407	51.382
3)	MA gamma-BHC...	5.772	6.442	20937081	109.7E6	50.192	51.394m
4)	MA Heptachlor	6.184	7.102	20852231	111.5E6	46.215	47.581
5)	MB Aldrin	6.509	7.470	19781199	104.7E6	47.877	49.999
6)	B beta-BHC	6.153	6.680	10201960	50900146	49.549	48.831
7)	B delta-BHC	6.414	6.947	20184847	107.1E6	50.255	49.753
8)	B Heptachlo...	7.086	7.925	20640045	95313556	47.891	47.721m
9)	A Endosulfan I	7.488	8.327	18746174	88229768	45.698m	48.335
10)	B gamma-Chl...	7.364	8.194	22370051	107.4E6	51.155	52.574
11)	B alpha-Chl...	7.433	8.277	21286707	99729505	48.167	49.865
12)	B 4,4'-DDE	7.647	8.462	34641776	155.0E6	96.539	86.503
13)	MA Dieldrin	7.776	8.612	22097754	88733621	53.040	48.101
14)	MA Endrin	8.067	8.846	21516213	69278417	55.454	45.003
15)	B Endosulfa...	8.378	9.070	18984950	66593910	48.570	43.360
16)	A 4,4'-DDD	8.233	8.989	19686070	76480293	60.621	52.394
17)	MA 4,4'-DDT	8.494	9.307	30725086	125.5E6	81.244	76.772
18)	B Endrin al...	8.566	9.201	14530153	55042238	45.945	44.884m
19)	B Endosulfa...	8.797	9.440	20022159	70881281	47.398	44.973
20)	A Methoxychlor	9.089	9.785	11087777	36145562	43.221m	40.114m
21)	B Endrin ke...	9.316	9.928	21912336	78807428	44.790	47.745
22)	Mirex	9.503	10.403	21721098	70626429	46.062m	51.990m

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

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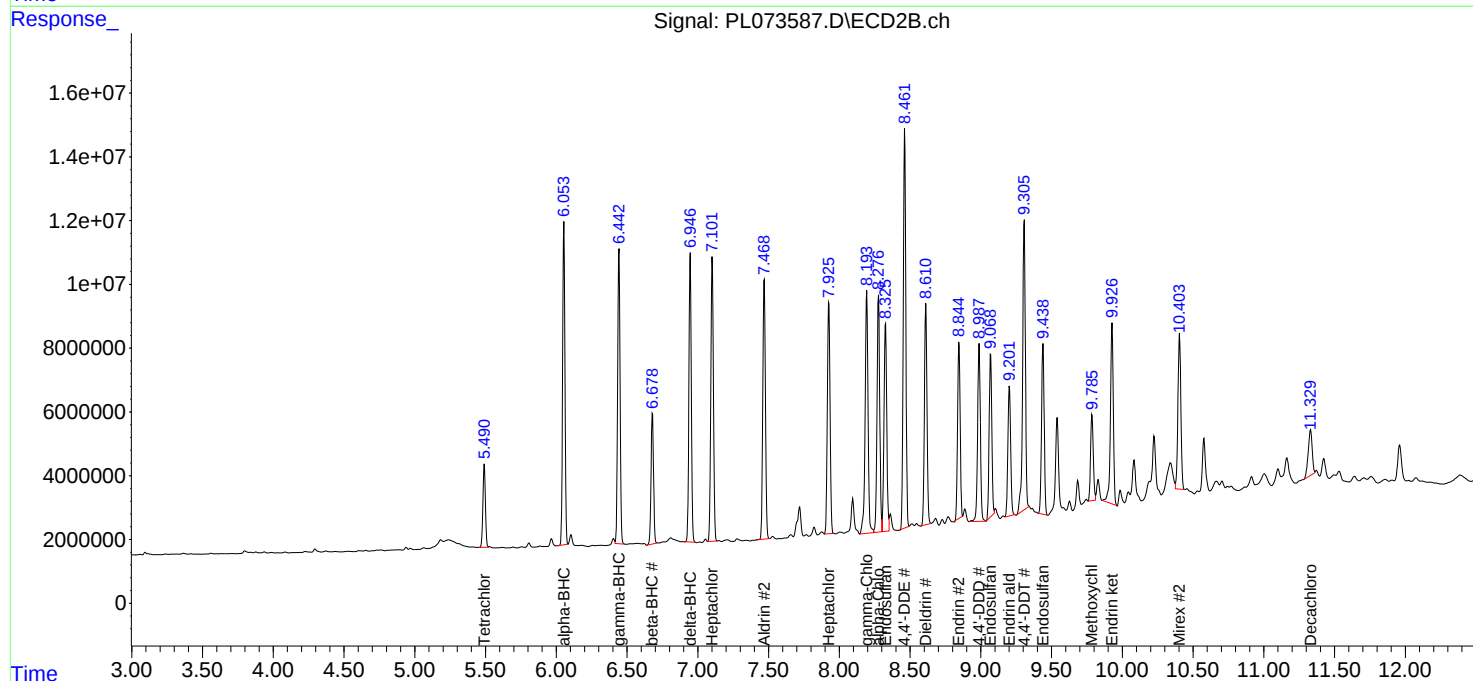
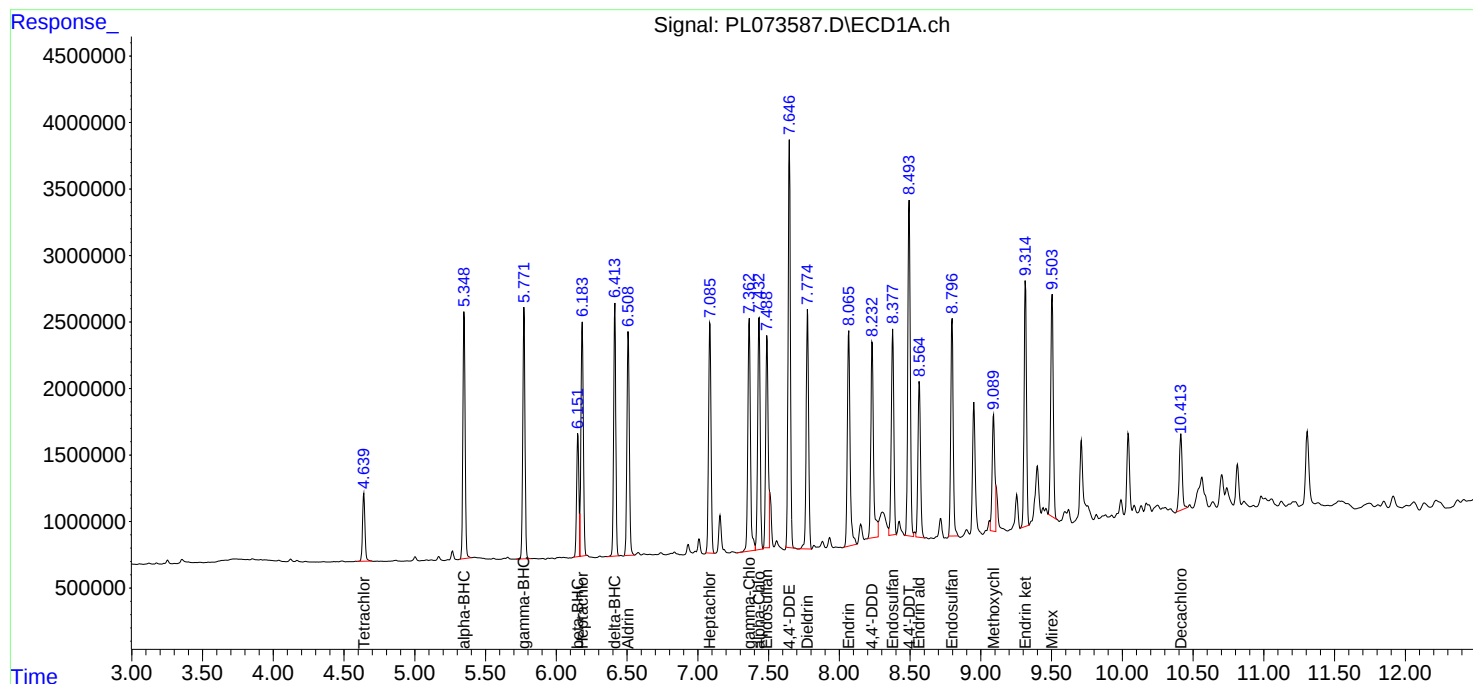
Instrument :
 ECD_L
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 CMP-B3-031822-0-6MSD

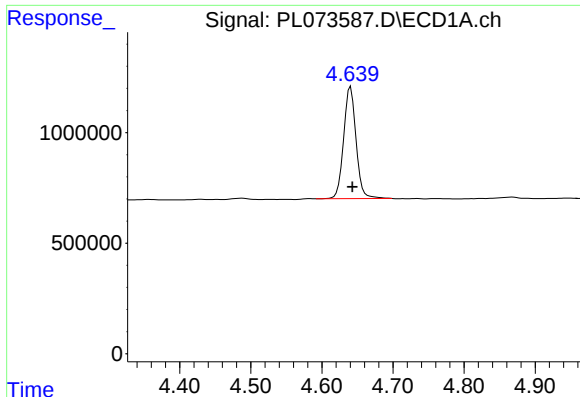
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 03/23/2022

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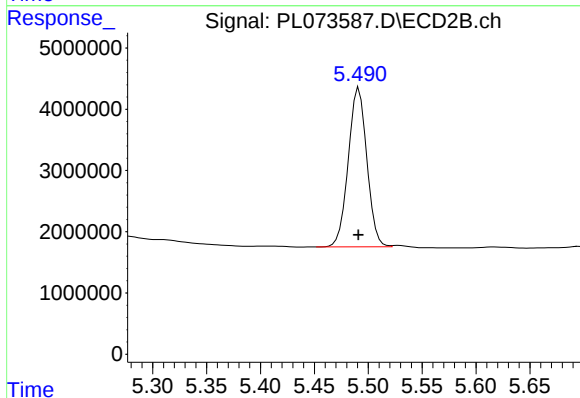
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6147443
Conc: 19.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMP-B3-031822-0-6MSD

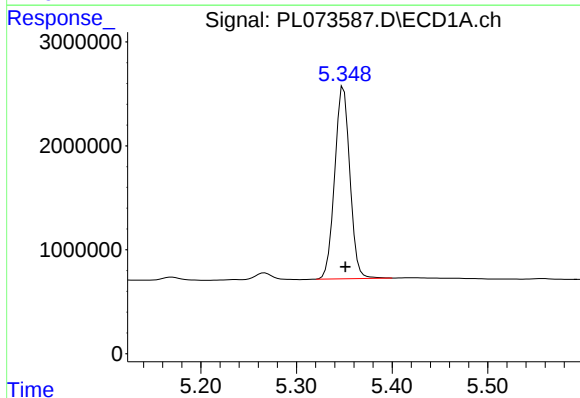
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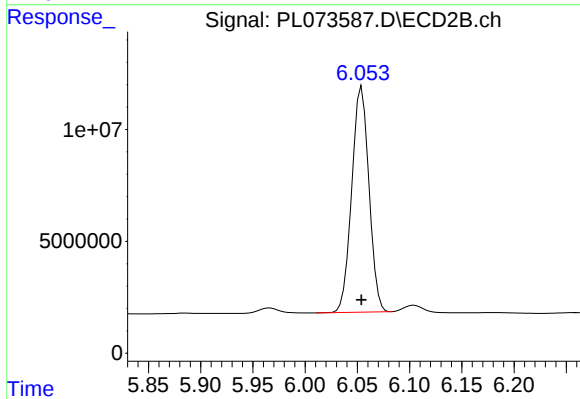
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 31261742
Conc: 19.05 ng/ml



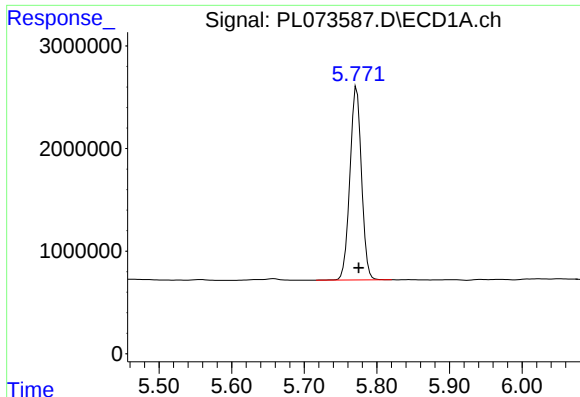
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 20365781
Conc: 49.41 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 115592357
Conc: 51.38 ng/ml



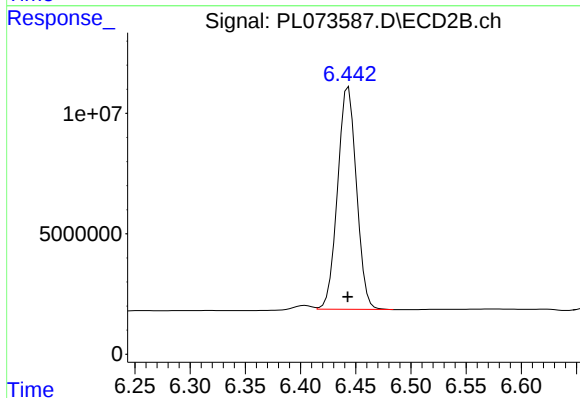
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 20937081
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMP-B3-031822-0-6MSD

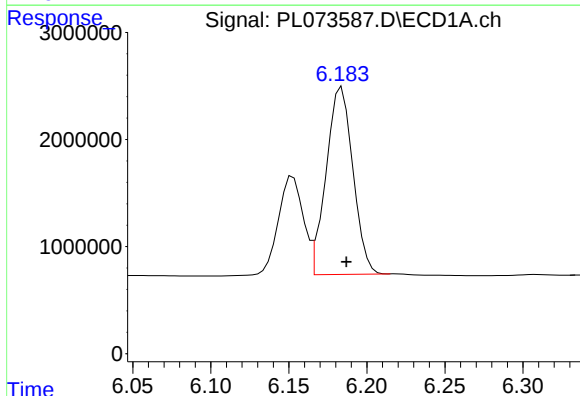
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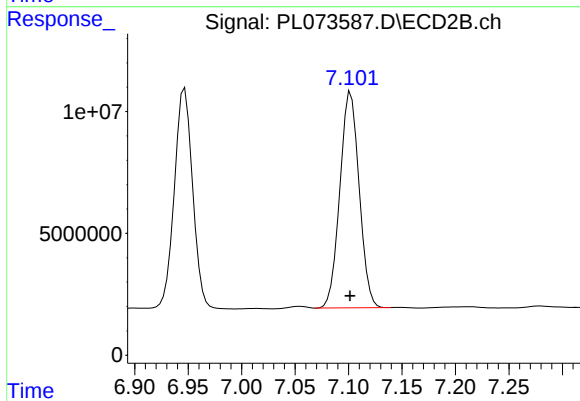
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 109729529
Conc: 51.39 ng/ml m



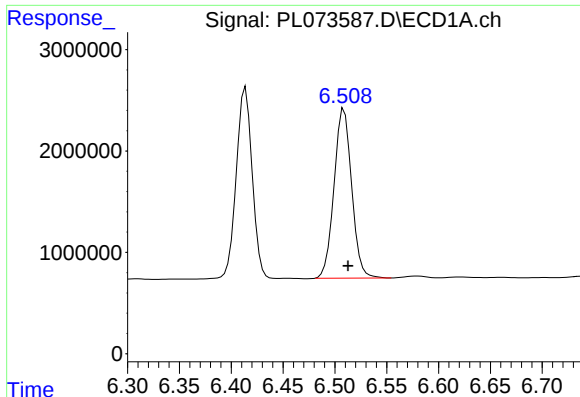
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 20852231
Conc: 46.22 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 111487459
Conc: 47.58 ng/ml



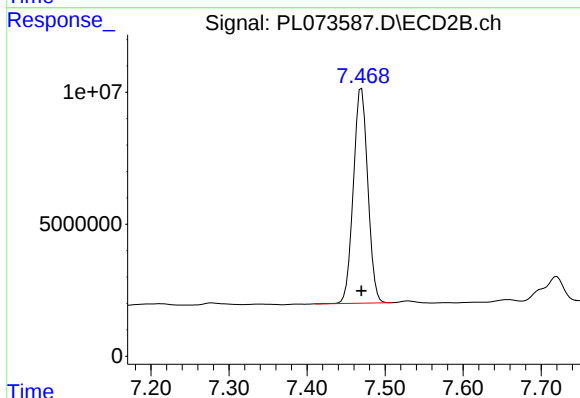
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 19781199
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMP-B3-031822-0-6MSD

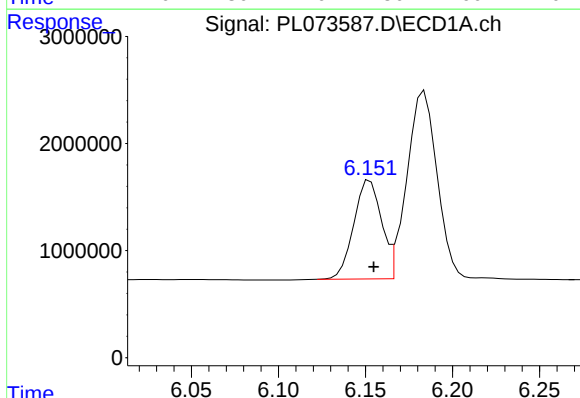
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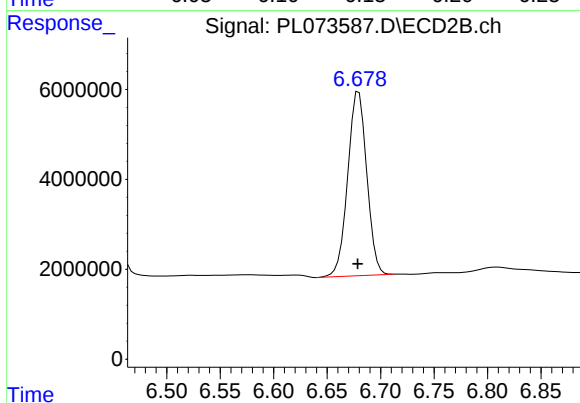
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 104747811
Conc: 50.00 ng/ml



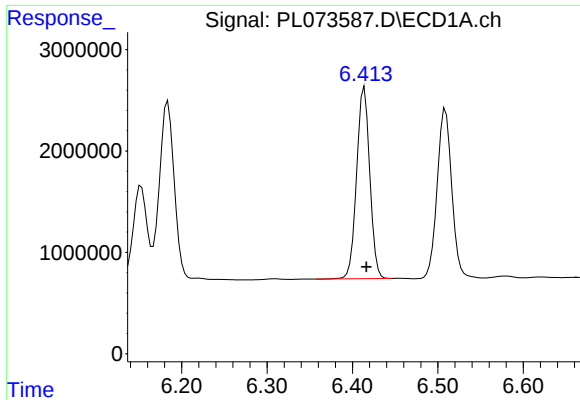
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10201960
Conc: 49.55 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 50900146
Conc: 48.83 ng/ml



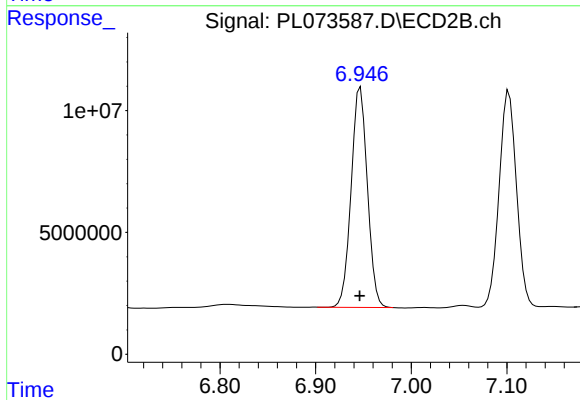
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 20184847
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMP-B3-031822-0-6MSD

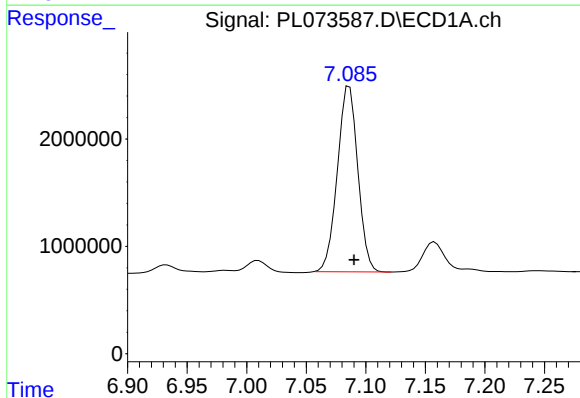
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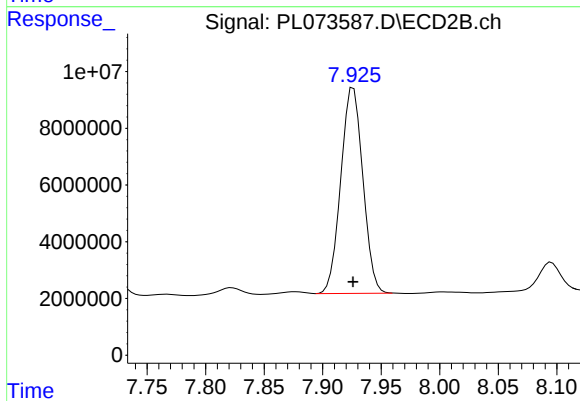
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 107146099
Conc: 49.75 ng/ml



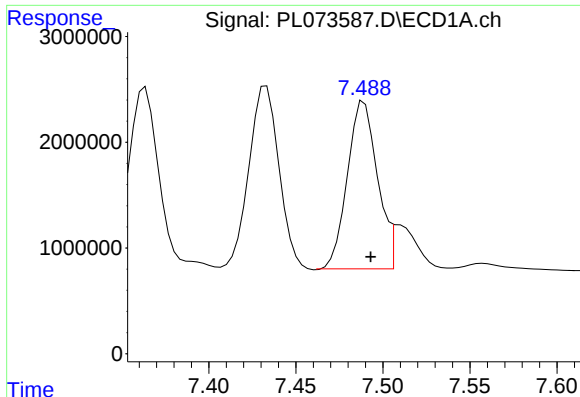
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 20640045
Conc: 47.89 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 95313556
Conc: 47.72 ng/ml m



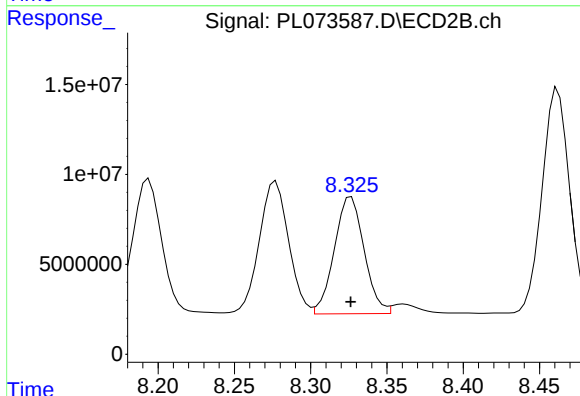
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 18746174
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMP-B3-031822-0-6MSD

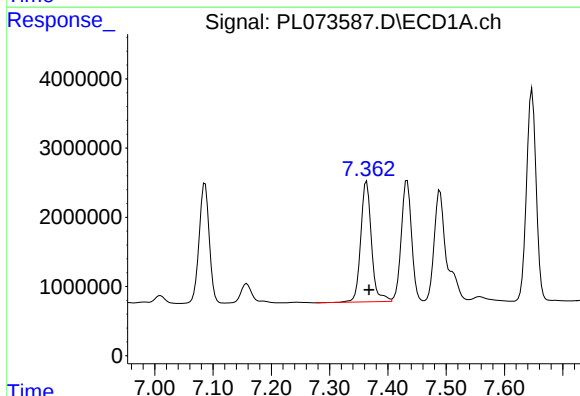
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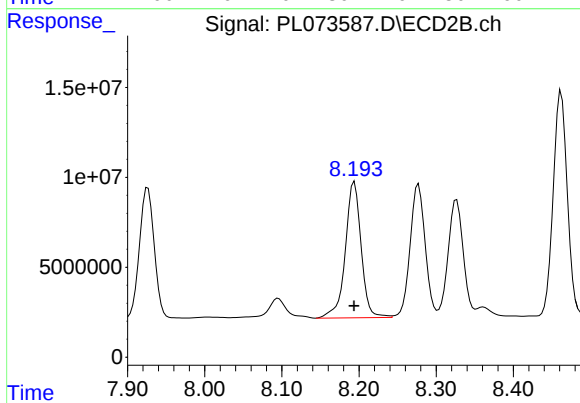
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 88229768
Conc: 48.33 ng/ml



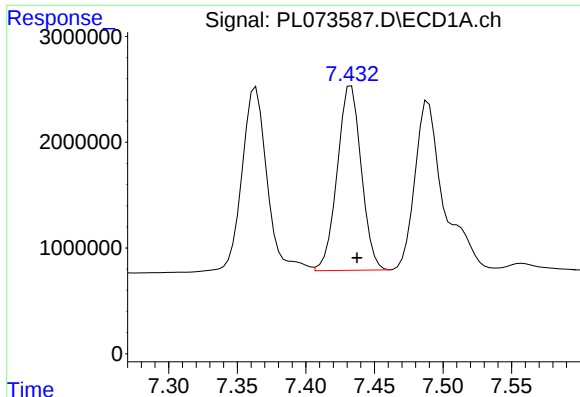
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 22370051
Conc: 51.15 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 107377521
Conc: 52.57 ng/ml



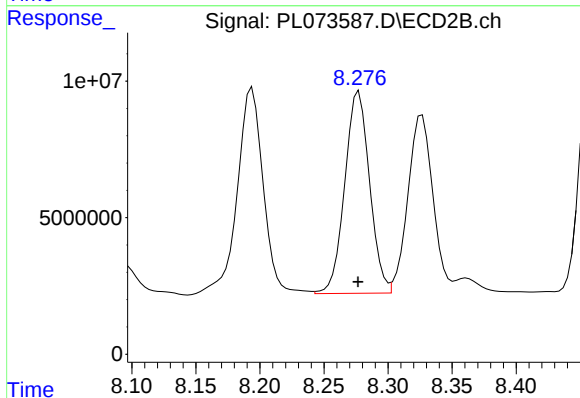
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 21286707
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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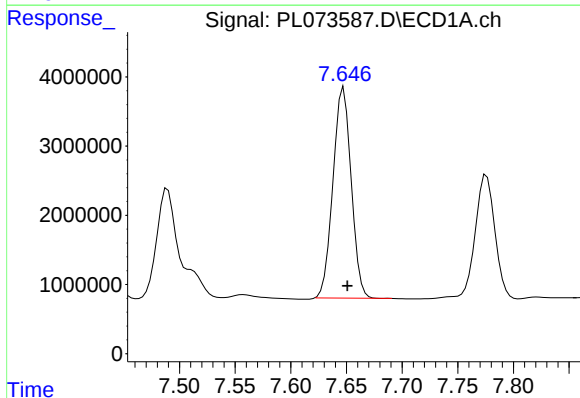
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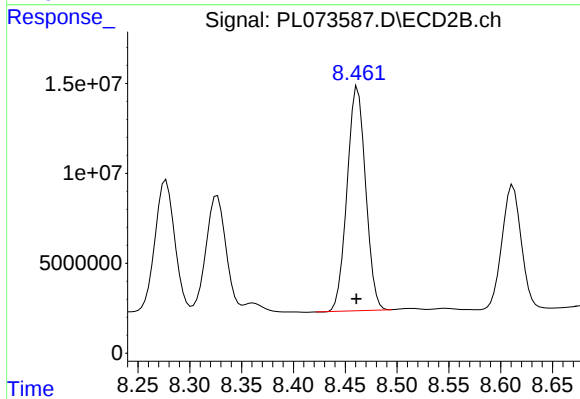
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 99729505
Conc: 49.86 ng/ml



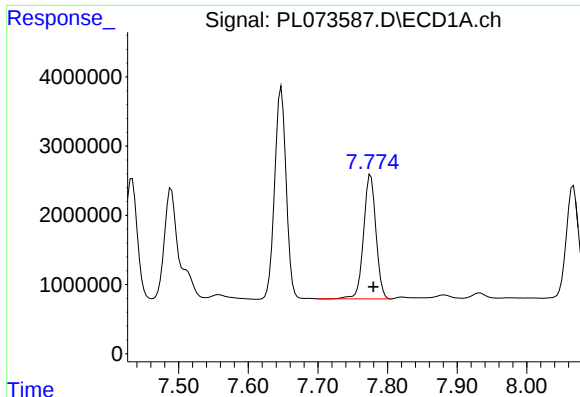
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 34641776
Conc: 96.54 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 155045336
Conc: 86.50 ng/ml



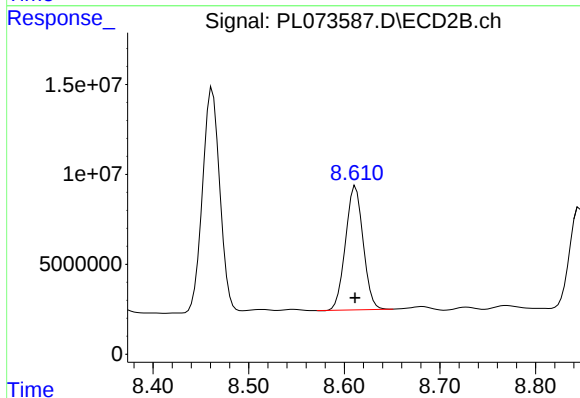
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 22097754
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
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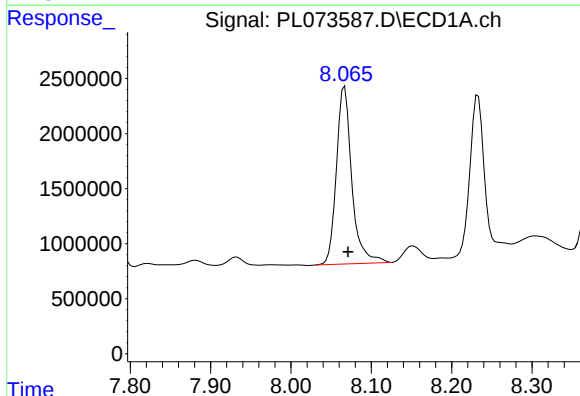
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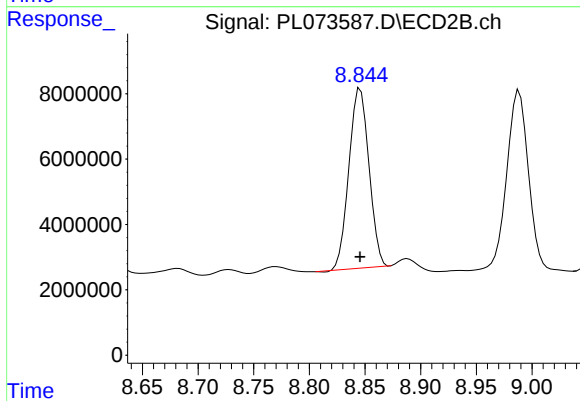
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 88733621
Conc: 48.10 ng/ml



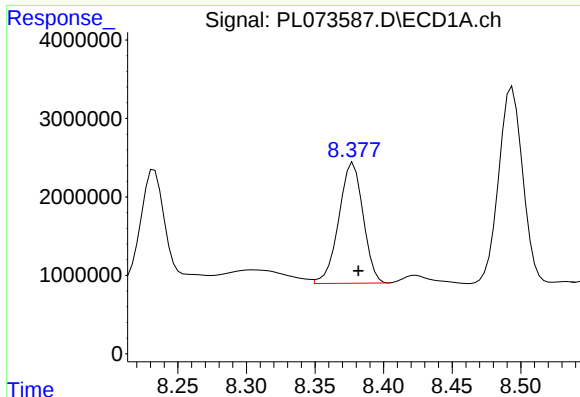
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 21516213
Conc: 55.45 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 69278417
Conc: 45.00 ng/ml



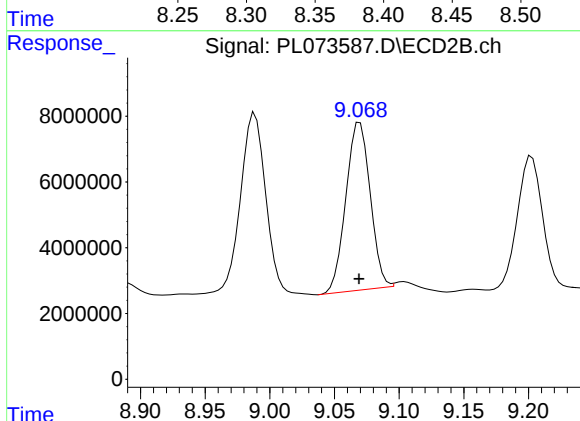
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 18984950
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMP-B3-031822-0-6MSD

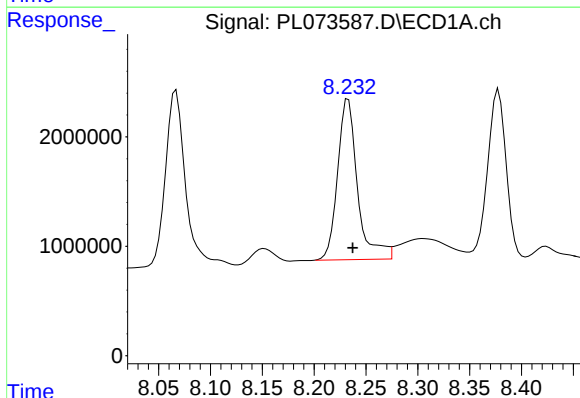
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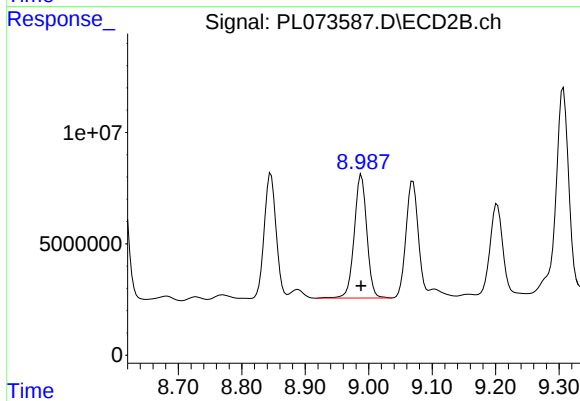
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 66593910
Conc: 43.36 ng/ml



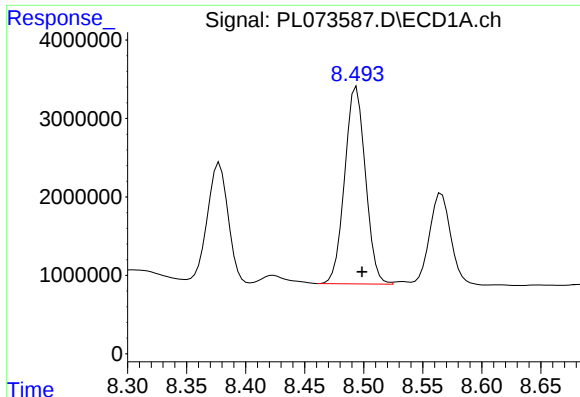
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 19686070
Conc: 60.62 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 76480293
Conc: 52.39 ng/ml



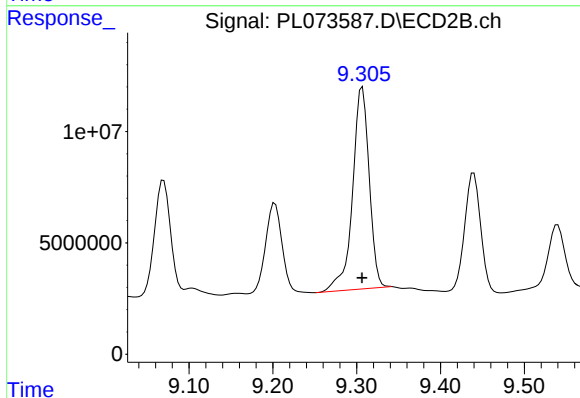
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 30725086
Conc: 81.24 ng/ml

Instrument :
ECD_L
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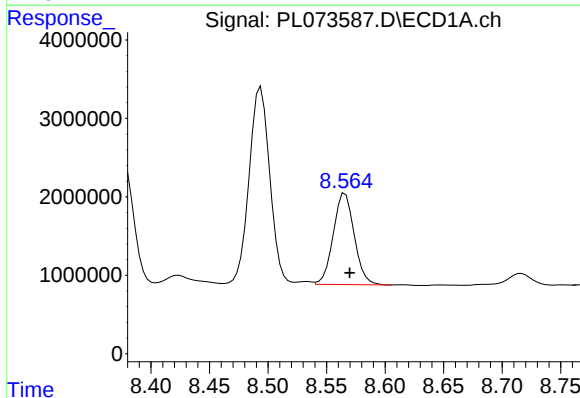
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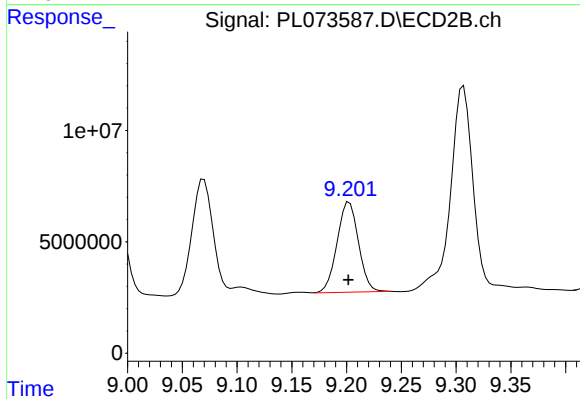
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 125486406
Conc: 76.77 ng/ml



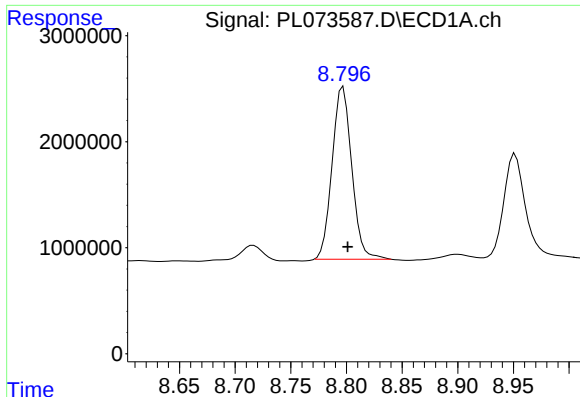
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 14530153
Conc: 45.95 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 55042238
Conc: 44.88 ng/ml m



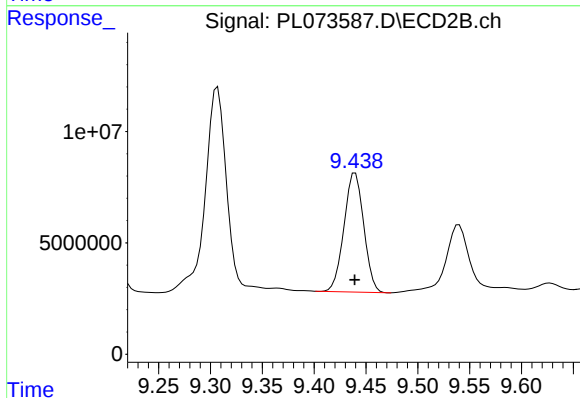
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 20022159
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
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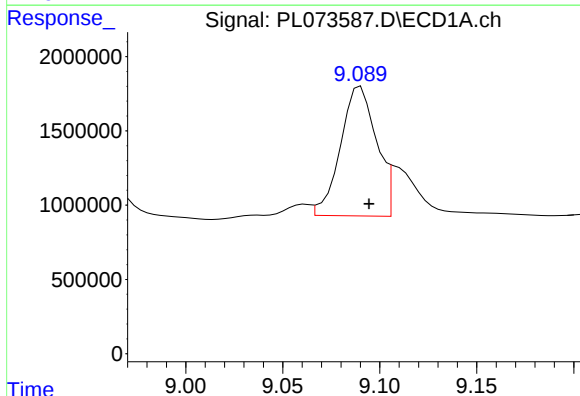
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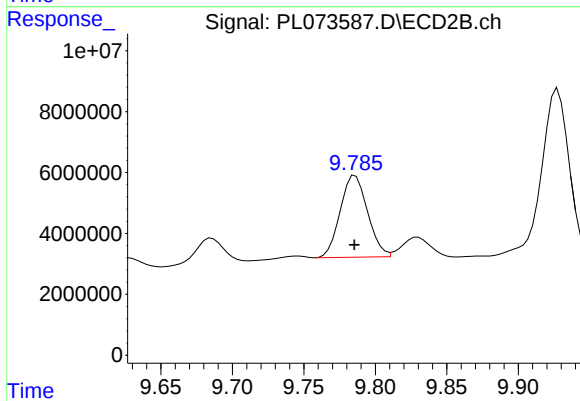
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 70881281
Conc: 44.97 ng/ml



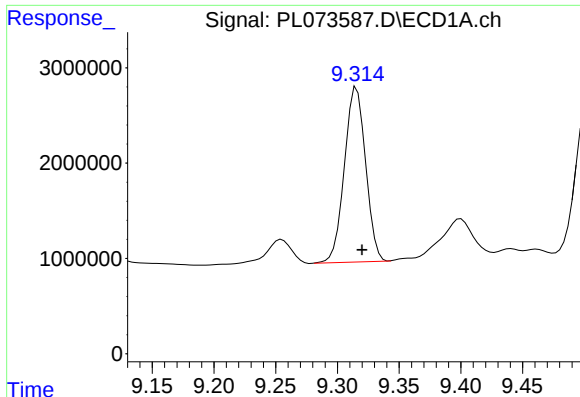
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.006 min
Response: 11087777
Conc: 43.22 ng/ml m



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 36145562
Conc: 40.11 ng/ml m



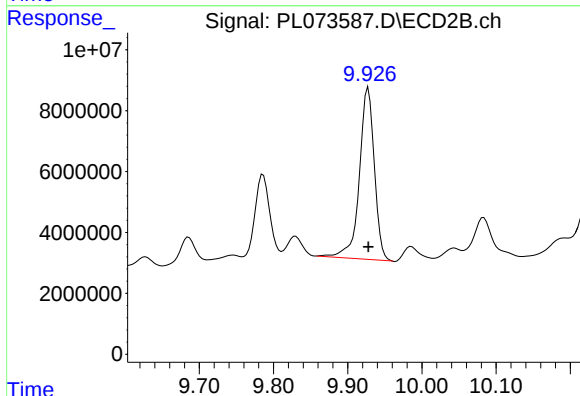
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 21912336
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMP-B3-031822-0-6MSD

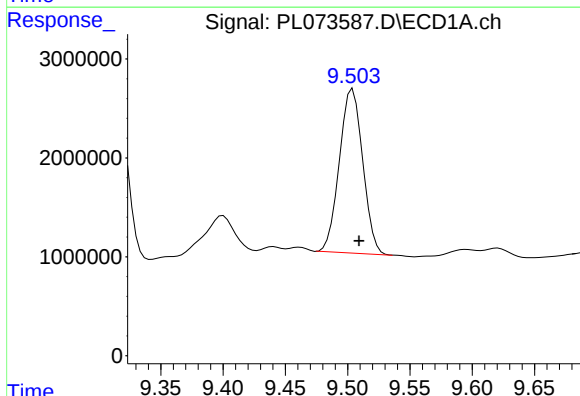
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/23/2022
Supervised By :mohammad ahmed 03/23/2022



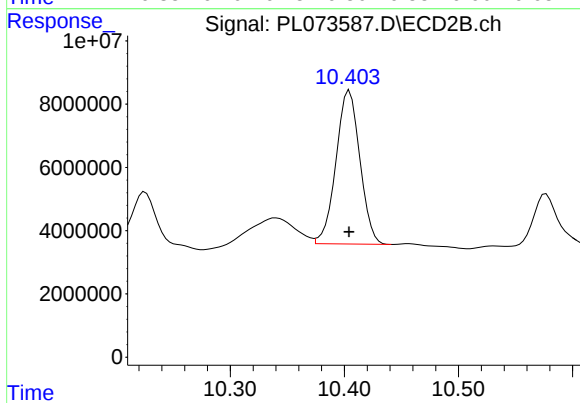
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 78807428
Conc: 47.74 ng/ml



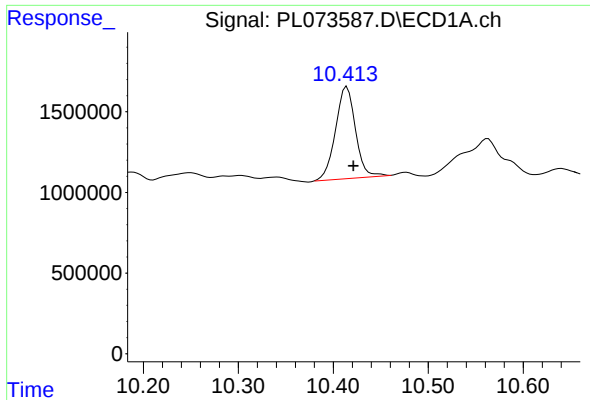
#22 Mirex

R.T.: 9.503 min
Delta R.T.: -0.007 min
Response: 21721098
Conc: 46.06 ng/ml m



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.001 min
Response: 70626429
Conc: 51.99 ng/ml m



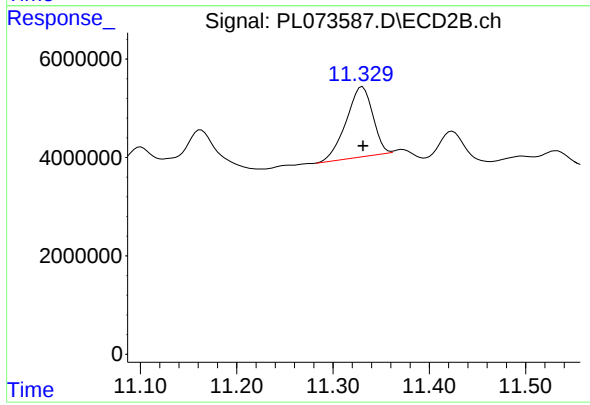
#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.007 min
Response: 8319689
Conc: 16.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
CMP-B3-031822-0-6MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/23/2022
Supervised By :mohammad ahmed 03/23/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 27269543
Conc: 15.25 ng/ml