

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111522\
 Data File : PL079125.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2022 15:54
 Operator : AR\AJ
 Sample : N5619-01MSD 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-02-111422MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 20:32:13 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	2.568	4906744	5449672	2.573	2.134
28) SA Decachlor...	8.771	7.634	3375238	3647160	2.244	1.926
Target Compounds						
2) A alpha-BHC	3.781	3.054	16195881	20725415	5.640	5.248
3) MA gamma-BHC...	4.114	3.373	14923979	19577527	5.586	5.447m
4) MA Heptachlor	4.684	3.702	15100504	19307300	5.817	5.568
5) MB Aldrin	5.022	3.973	14962127	20716365	6.041	5.916
6) B beta-BHC	4.329	3.675	8223027	9052369	7.138	6.309
7) B delta-BHC	4.568	3.894	11267162	19792224	4.949m	5.435
8) B Heptachlo...	5.456	4.470	14453366	17487676	6.808	5.804
9) A Endosulfan I	5.840	4.833	12915985	15545288	6.054	5.430
10) B gamma-Chl...	5.711	4.718	15080121	18506727	6.681	6.039
11) B alpha-Chl...	5.788	4.780	15538981	17813291	6.716	5.977
12) B 4,4'-DDE	5.970	4.973	10263514	16148562	5.128	5.931m
13) MA Dieldrin	6.117	5.093	13278344	19530950	6.157	6.591m
14) MA Endrin	6.348	5.365	10499669	14944828	5.532	5.736
15) B Endosulfa...	6.578	5.660	10681646	14491179	5.693	6.366m
16) A 4,4'-DDD	6.496	5.525	10634303	14602823	6.379	6.649
17) MA 4,4'-DDT	6.806	5.771	8557072	11168327	4.774	5.149m
18) B Endrin al...	6.710	5.839	8027003	10663906	5.517	5.682
19) B Endosulfa...	6.942	6.062	10319932	14524866	5.609	6.102
20) A Methoxychlor	7.289	6.348	4291220	6366631	4.660m	5.610
21) B Endrin ke...	7.429	6.558	9711568	14398648	5.162	5.571
22) Mirex	7.886	6.728	9221860	11828735	6.317	6.011m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111522\
Data File : PL079125.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2022 15:54
Operator : AR\AJ
Sample : N5619-01MSD 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

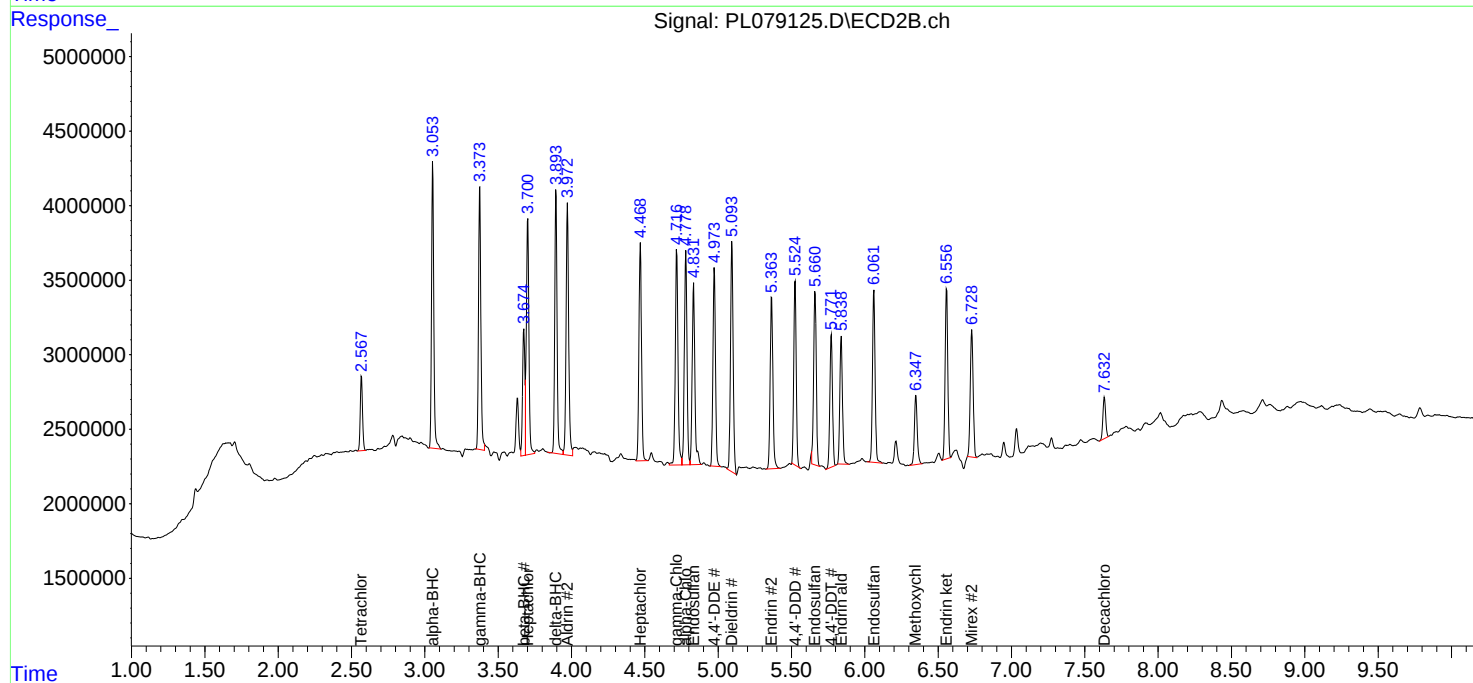
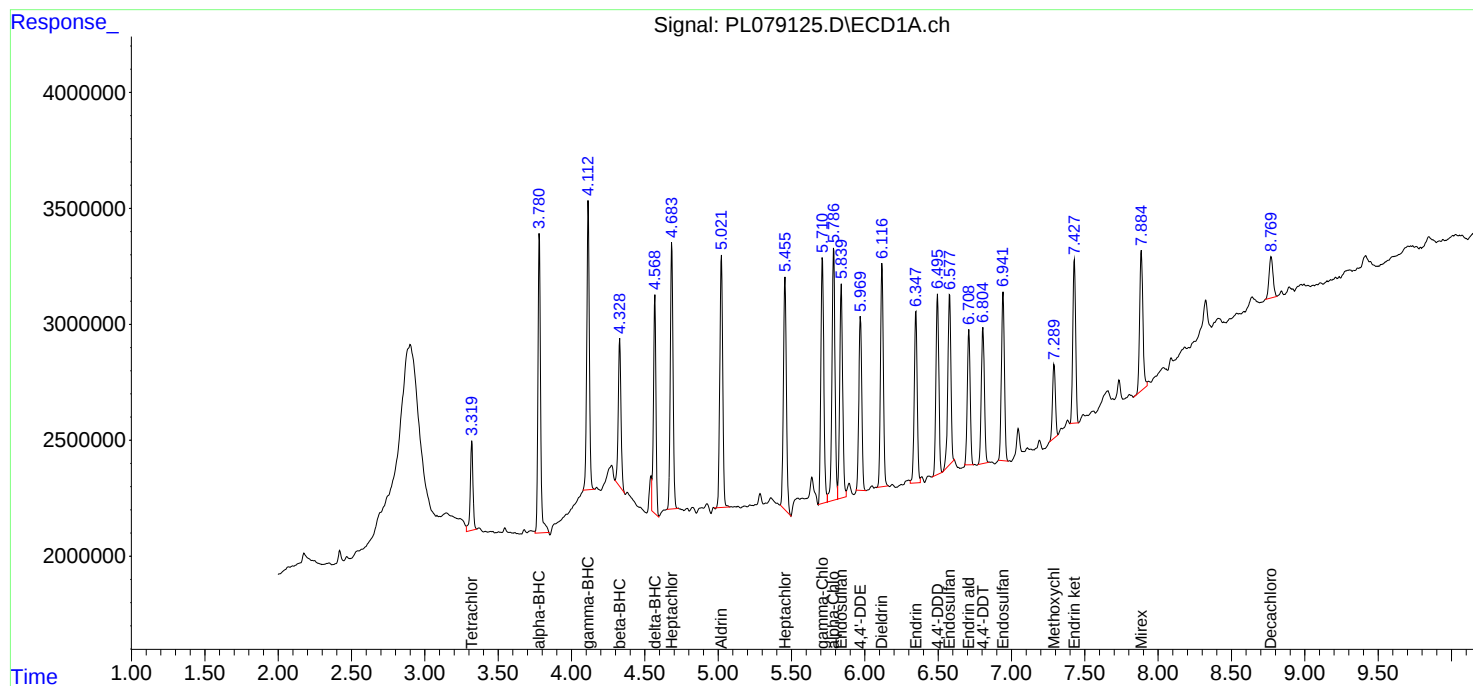
Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

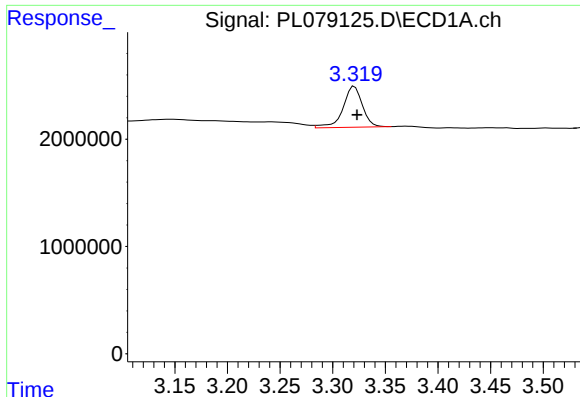
Manual Integrations
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Supervised By :Ankita Jodhani 11/16/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 20:32:13 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





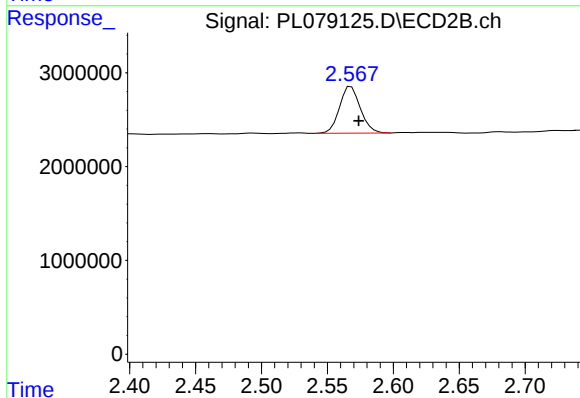
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 4906744
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
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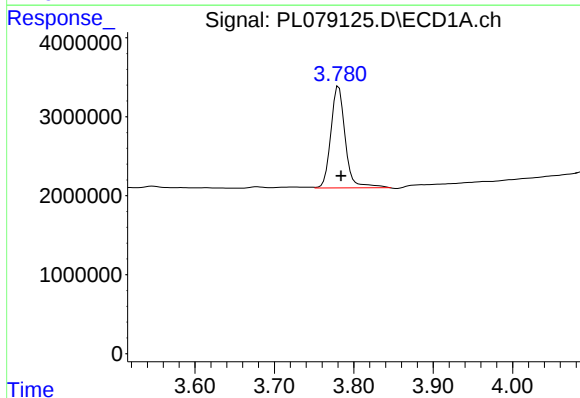
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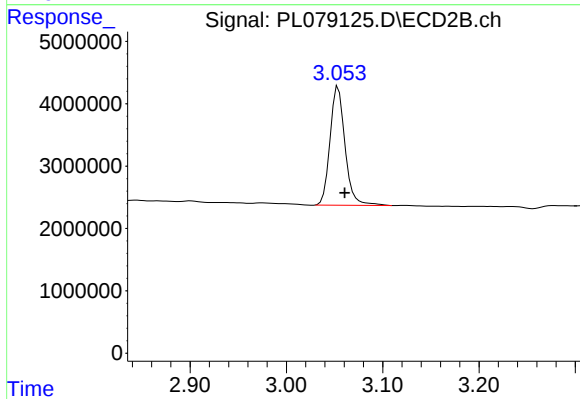
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.006 min
Response: 5449672
Conc: 2.13 ng/ml



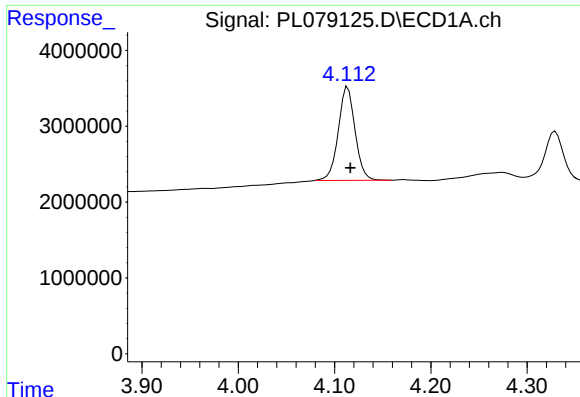
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 16195881
Conc: 5.64 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: -0.007 min
Response: 20725415
Conc: 5.25 ng/ml



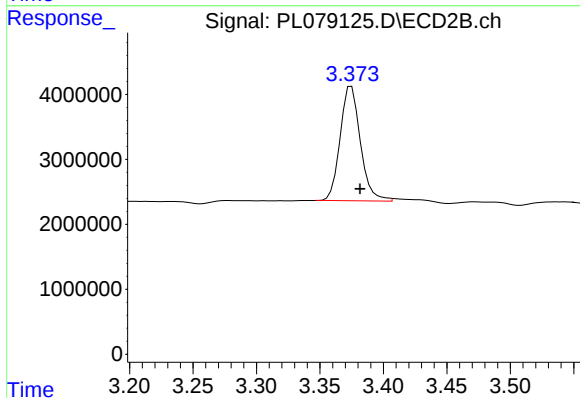
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.002 min
Response: 14923979
Conc: 5.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

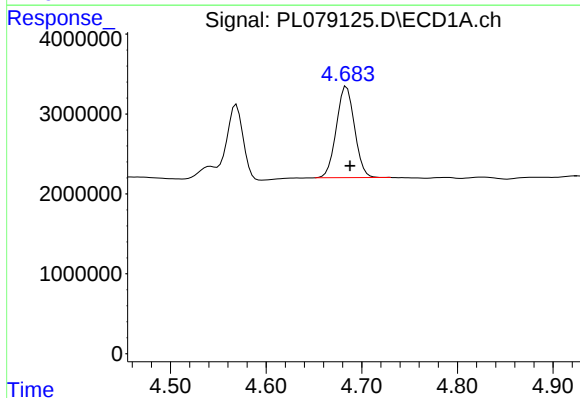
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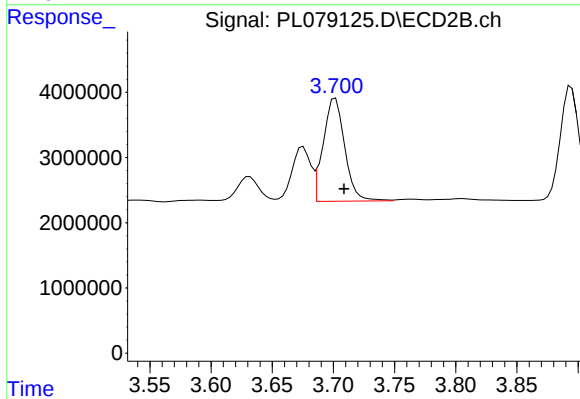
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: -0.008 min
Response: 19577527
Conc: 5.45 ng/ml m



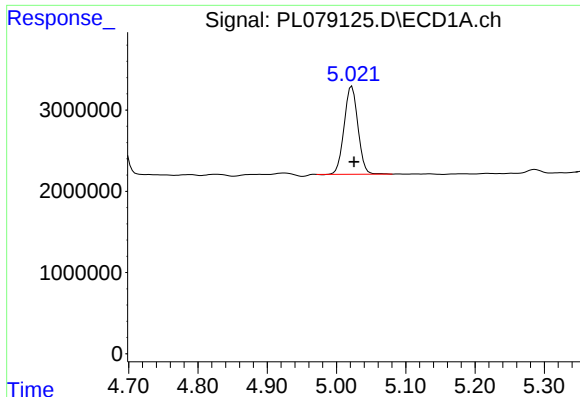
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.004 min
Response: 15100504
Conc: 5.82 ng/ml



#4 Heptachlor

R.T.: 3.702 min
Delta R.T.: -0.007 min
Response: 19307300
Conc: 5.57 ng/ml



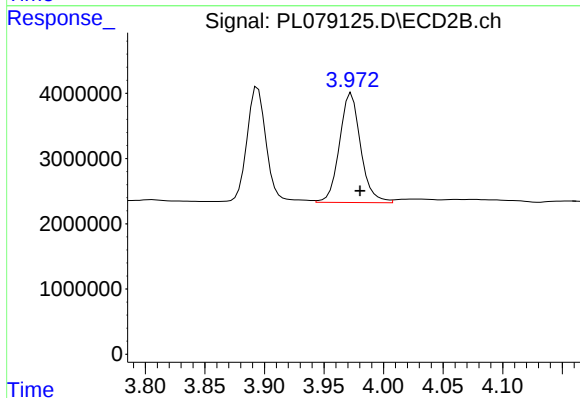
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 14962127
Conc: 6.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

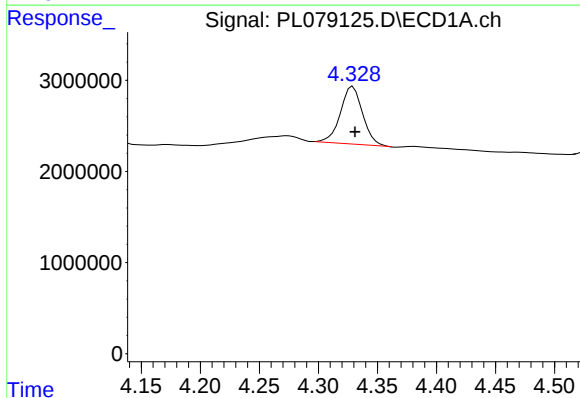
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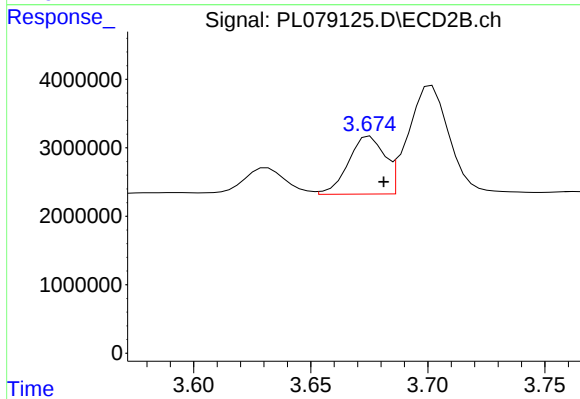
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: -0.007 min
Response: 20716365
Conc: 5.92 ng/ml



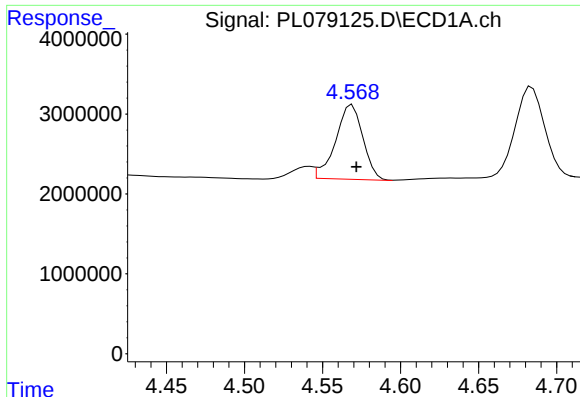
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 8223027
Conc: 7.14 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 9052369
Conc: 6.31 ng/ml



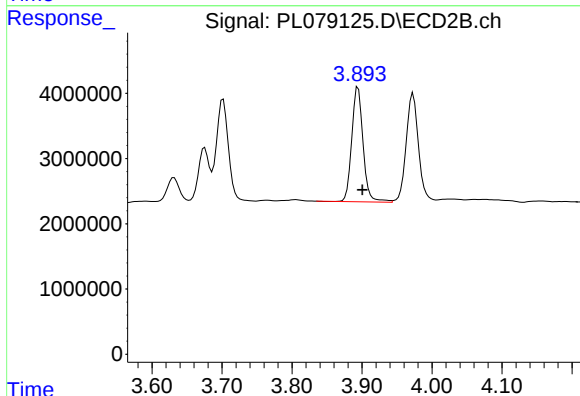
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: -0.004 min
Response: 11267162
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

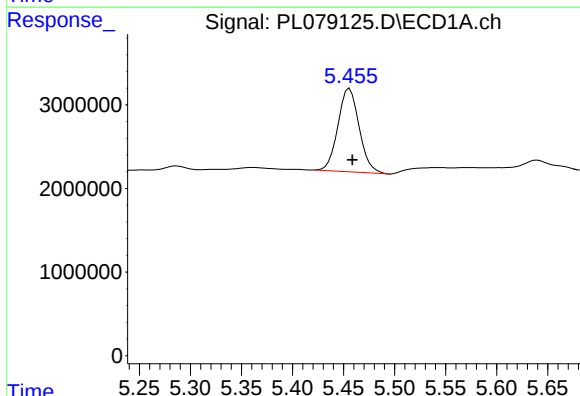
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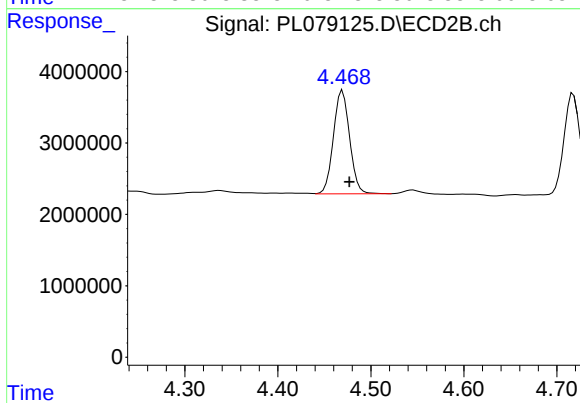
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: -0.006 min
Response: 19792224
Conc: 5.44 ng/ml



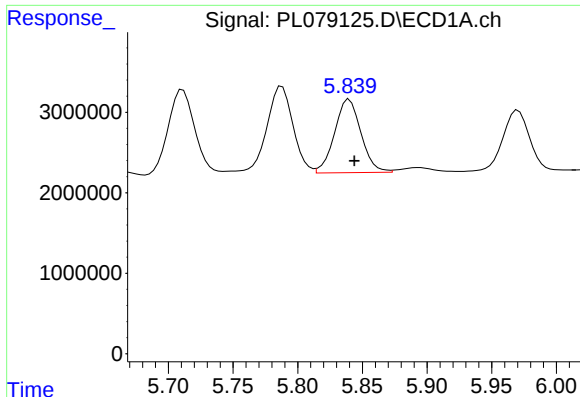
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 14453366
Conc: 6.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.008 min
Response: 17487676
Conc: 5.80 ng/ml



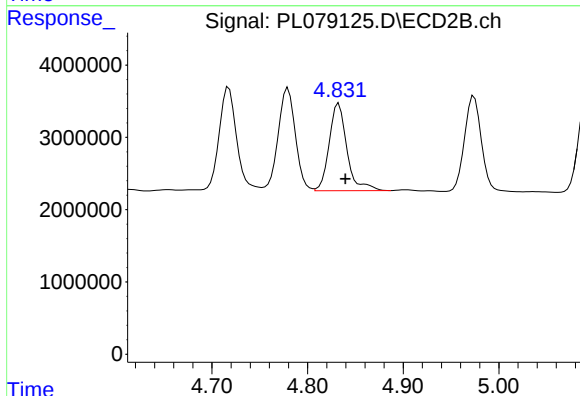
#9 Endosulfan I

R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 12915985
Conc: 6.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

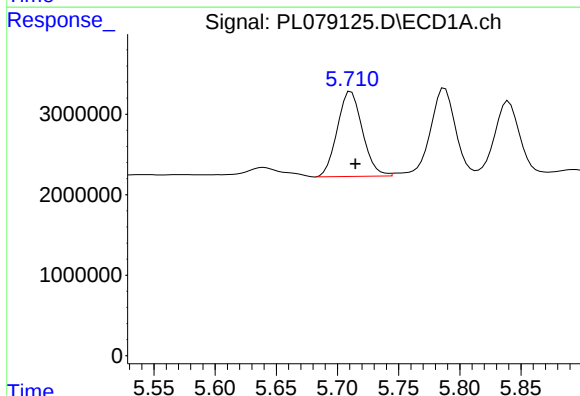
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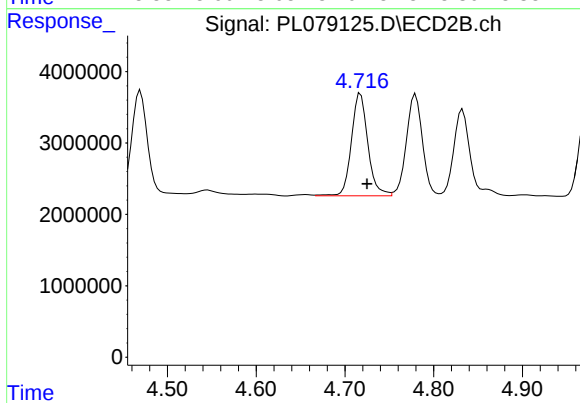
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: -0.007 min
Response: 15545288
Conc: 5.43 ng/ml



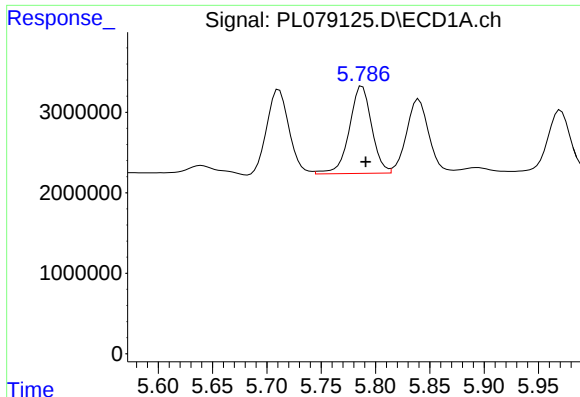
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 15080121
Conc: 6.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 18506727
Conc: 6.04 ng/ml



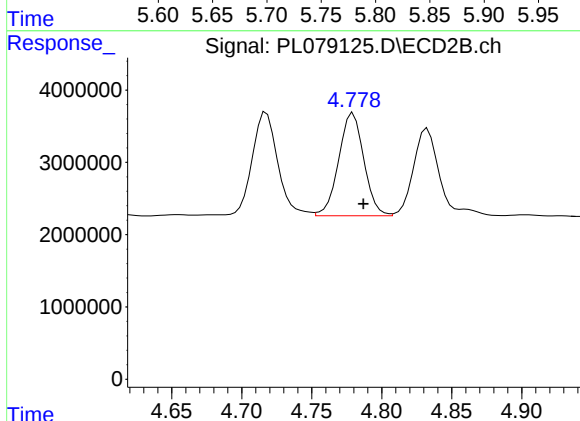
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 15538981
Conc: 6.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
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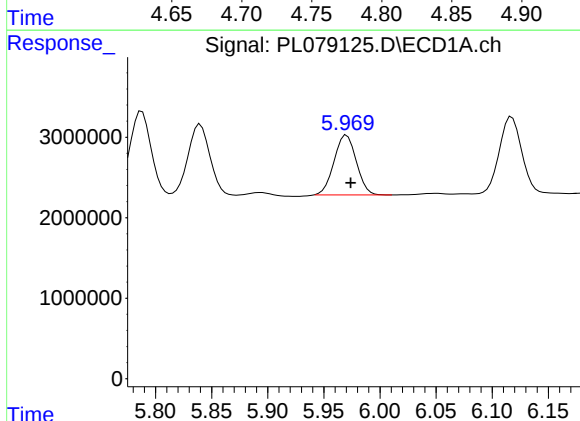
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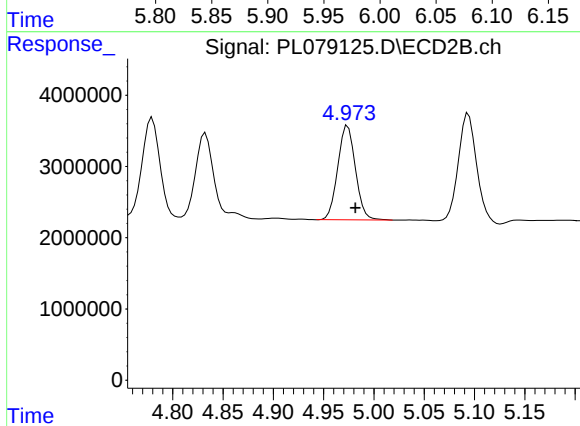
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 17813291
Conc: 5.98 ng/ml



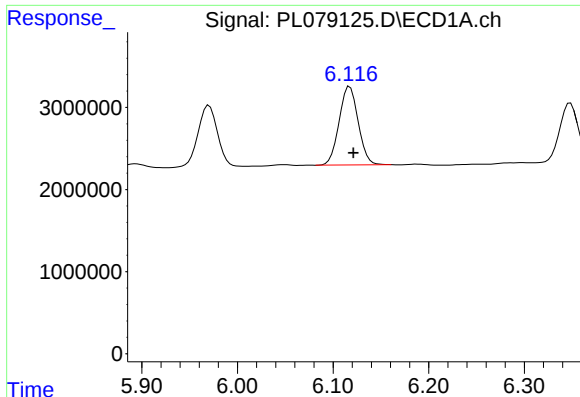
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 10263514
Conc: 5.13 ng/ml



#12 4,4'-DDE

R.T.: 4.973 min
Delta R.T.: -0.009 min
Response: 16148562
Conc: 5.93 ng/ml m



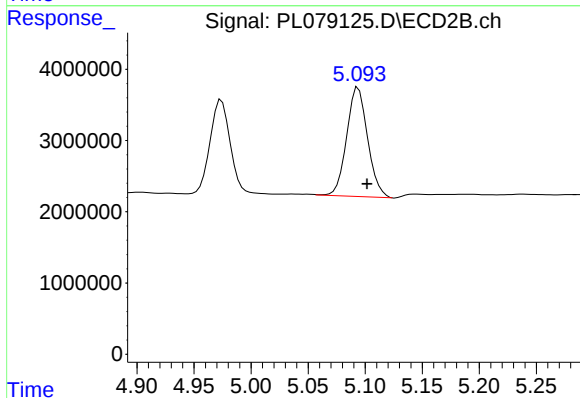
#13 Dieldrin

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 13278344
Conc: 6.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

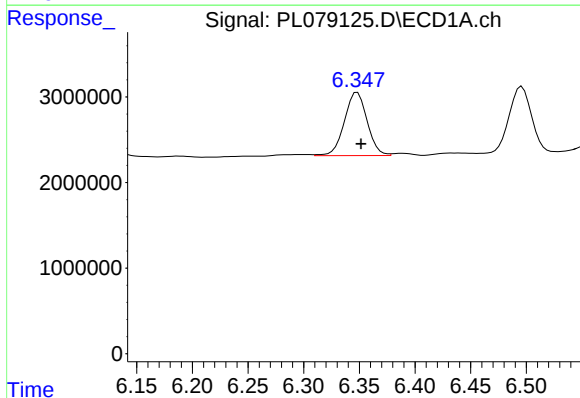
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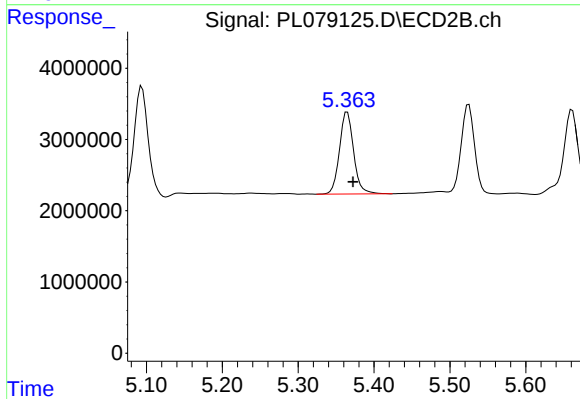
#13 Dieldrin

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 19530950
Conc: 6.59 ng/ml m



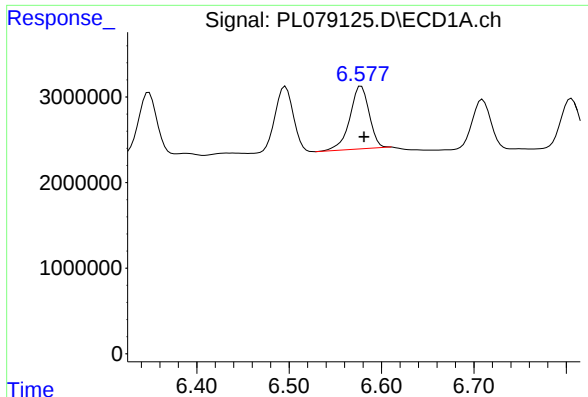
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 10499669
Conc: 5.53 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: -0.008 min
Response: 14944828
Conc: 5.74 ng/ml



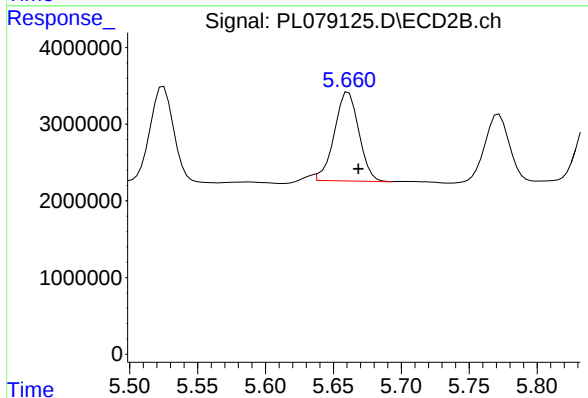
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 10681646
Conc: 5.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
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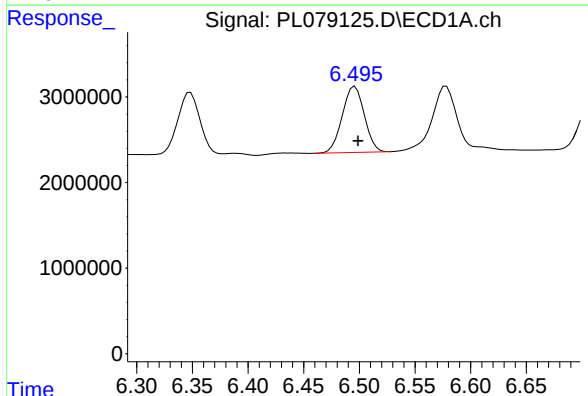
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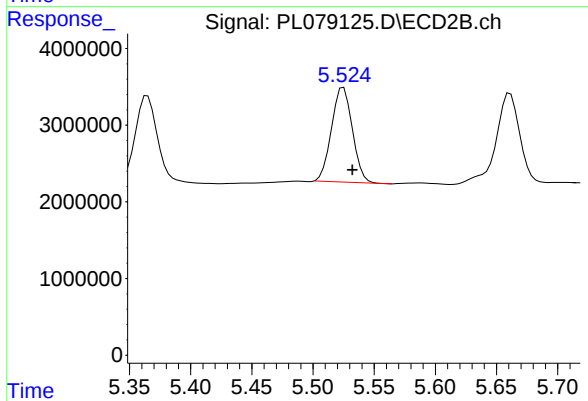
#15 Endosulfan II

R.T.: 5.660 min
Delta R.T.: -0.009 min
Response: 14491179
Conc: 6.37 ng/ml m



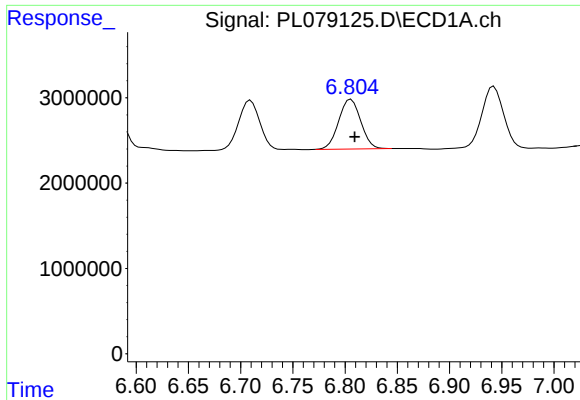
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 10634303
Conc: 6.38 ng/ml



#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: -0.007 min
Response: 14602823
Conc: 6.65 ng/ml



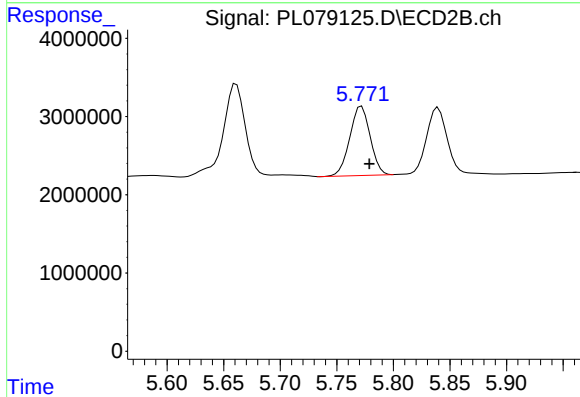
#17 4,4'-DDT

R.T.: 6.806 min
Delta R.T.: -0.004 min
Response: 8557072
Conc: 4.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

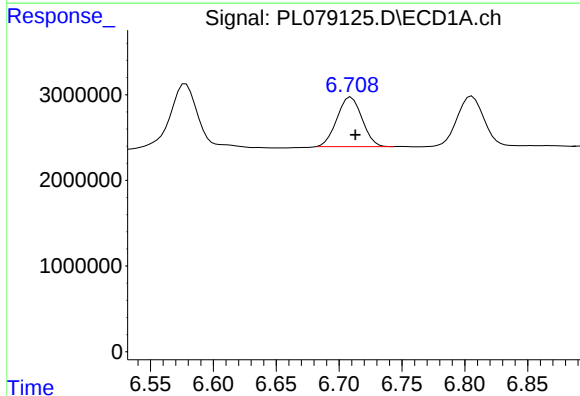
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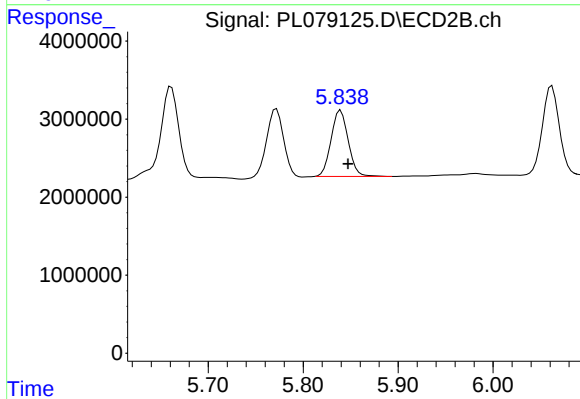
#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 11168327
Conc: 5.15 ng/ml m



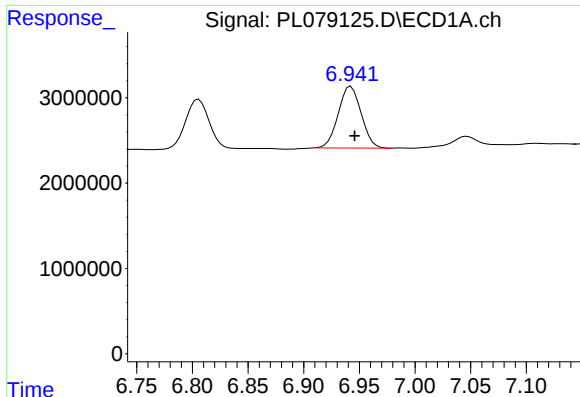
#18 Endrin aldehyde

R.T.: 6.710 min
Delta R.T.: -0.003 min
Response: 8027003
Conc: 5.52 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 10663906
Conc: 5.68 ng/ml



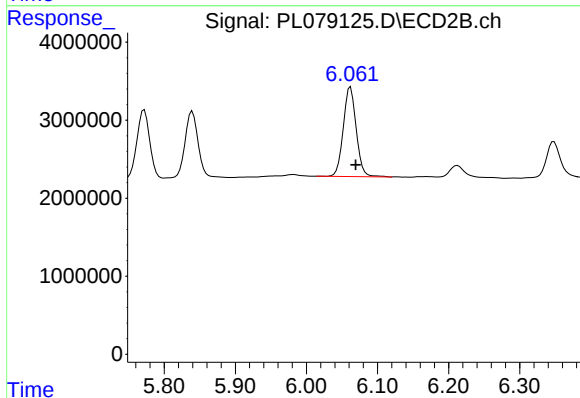
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.003 min
Response: 10319932
Conc: 5.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

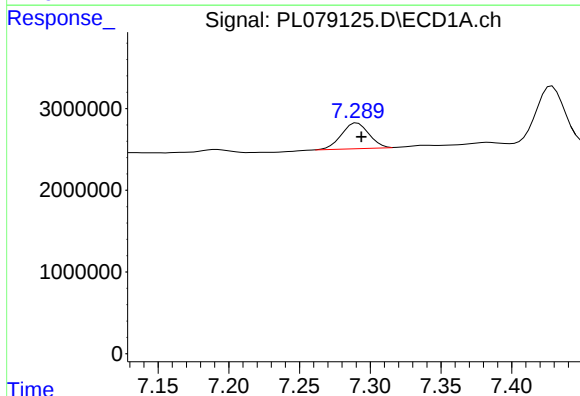
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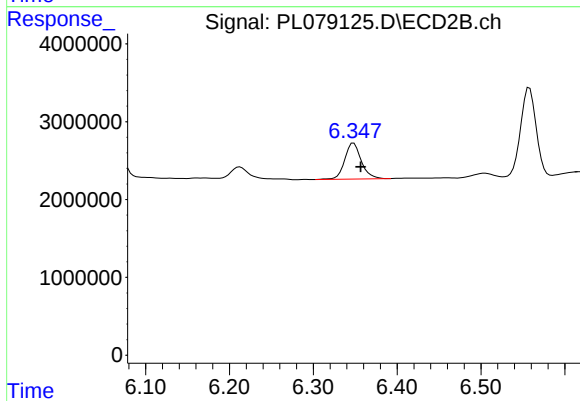
#19 Endosulfan Sulfate

R.T.: 6.062 min
Delta R.T.: -0.007 min
Response: 14524866
Conc: 6.10 ng/ml



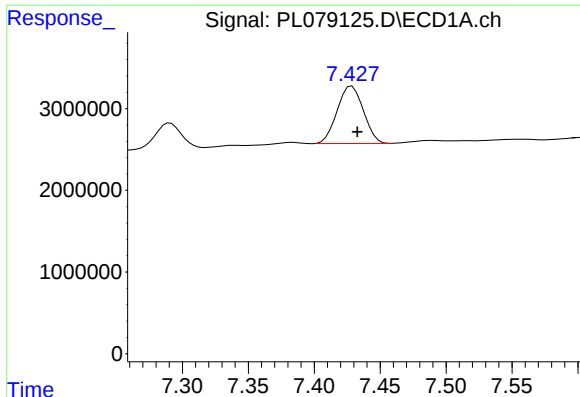
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 4291220
Conc: 4.66 ng/ml m



#20 Methoxychlor

R.T.: 6.348 min
Delta R.T.: -0.009 min
Response: 6366631
Conc: 5.61 ng/ml



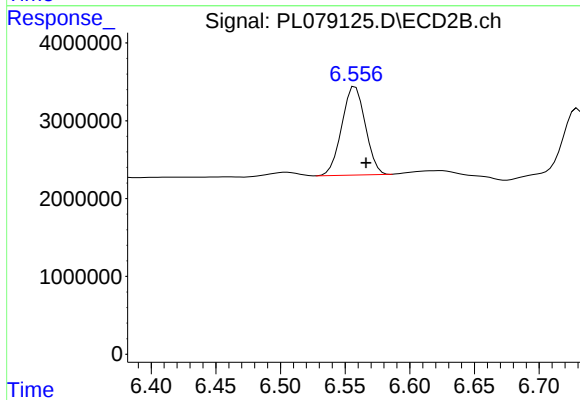
#21 Endrin ketone

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 9711568
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

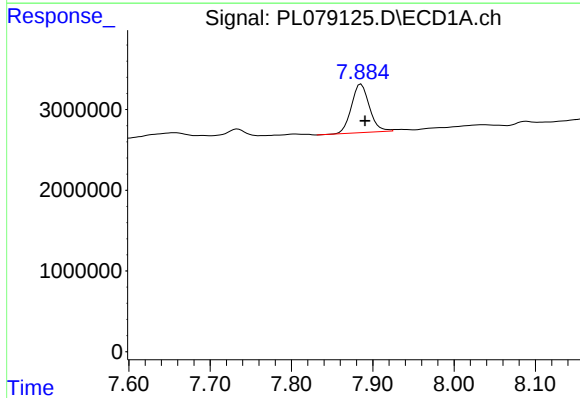
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022



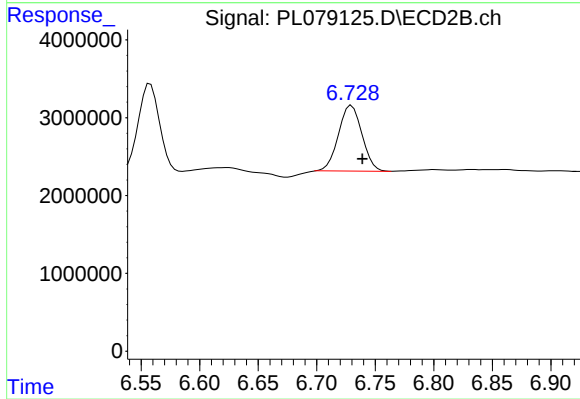
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 14398648
Conc: 5.57 ng/ml



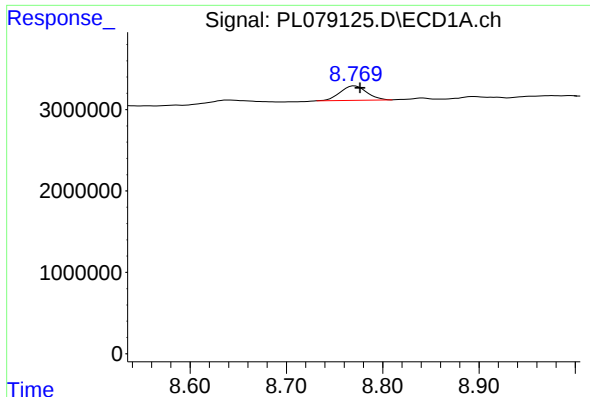
#22 Mirex

R.T.: 7.886 min
Delta R.T.: -0.005 min
Response: 9221860
Conc: 6.32 ng/ml



#22 Mirex

R.T.: 6.728 min
Delta R.T.: -0.011 min
Response: 11828735
Conc: 6.01 ng/ml m



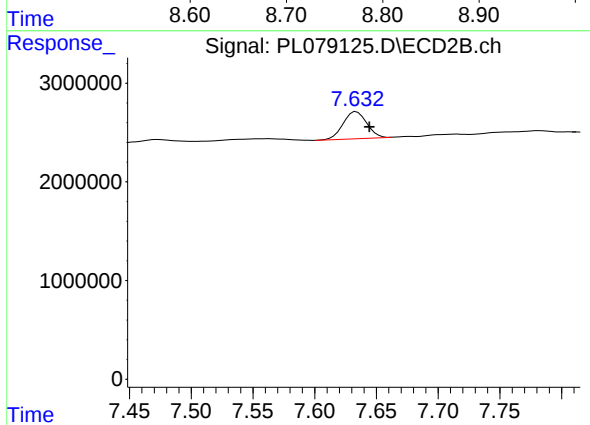
#28 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: -0.006 min
Response: 3375238
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MSD

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#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 3647160
Conc: 1.93 ng/ml