

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
 Data File : PL096696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 14:22
 Operator : AR\AJ
 Sample : Q2734-01MS 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-253MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/05/2025
 Supervised By : mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:44:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.532	2.827	5504487	10204194	1.731m	2.136
28)	SA Decachlor...	9.012	7.988	4983577	10627929	2.090m	2.450m
Target Compounds							
2)	A alpha-BHC	3.981	3.332	21760223	33640431	4.704	4.753
3)	MA gamma-BHC...	4.309	3.664	20904409	32982353	4.726	4.995
4)	MA Heptachlor	4.899	4.013	21233697	32391951	5.110m	4.862
5)	MB Aldrin	5.240	4.295	20569713	29320636	4.783	4.724
6)	B beta-BHC	4.496	3.959	9331698	15888948	5.170	5.633m
7)	B delta-BHC	4.740	4.193	20418687	30653391	5.118m	4.735
8)	B Heptachlo...	5.660	4.798	25234603	29028252	6.543	5.083
9)	A Endosulfan I	6.042	5.168	18864858	29136355	5.246	5.267
10)	B gamma-Chl...	5.914	5.049	20310958	28529436	5.338	4.852
11)	B alpha-Chl...	5.994	5.113	19355857	29233850	5.021	4.956
12)	B 4,4'-DDE	6.164	5.302	21603730	37694939	6.728	6.836
13)	MA Dieldrin	6.314	5.433	17495398	29899504	4.714	5.062
14)	MA Endrin	6.540	5.709	13187829	30844604	4.357	5.706 #
15)	B Endosulfa...	6.753	6.000	16326679	24819067	5.098	4.832
16)	A 4,4'-DDD	6.671	5.853	15034431	23037625	5.946m	4.896m
17)	MA 4,4'-DDT	6.987	6.106	20149519	30454081	7.026	6.021m
18)	B Endrin al...	6.882	6.177	11573581	25005835	5.393	3.681 #
19)	B Endosulfa...	7.116	6.401	13818091	24058857	4.808	4.730
20)	A Methoxychlor	7.460	6.678	7682286	11228519	5.232	4.097m
21)	B Endrin ke...	7.595	6.905	15861935	24439520	5.275	4.388
22)	Mirex	8.074	7.095	13233255	19877033	5.337	4.558

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
Data File : PL096696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 14:22
Operator : AR\AJ
Sample : Q2734-01MS 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

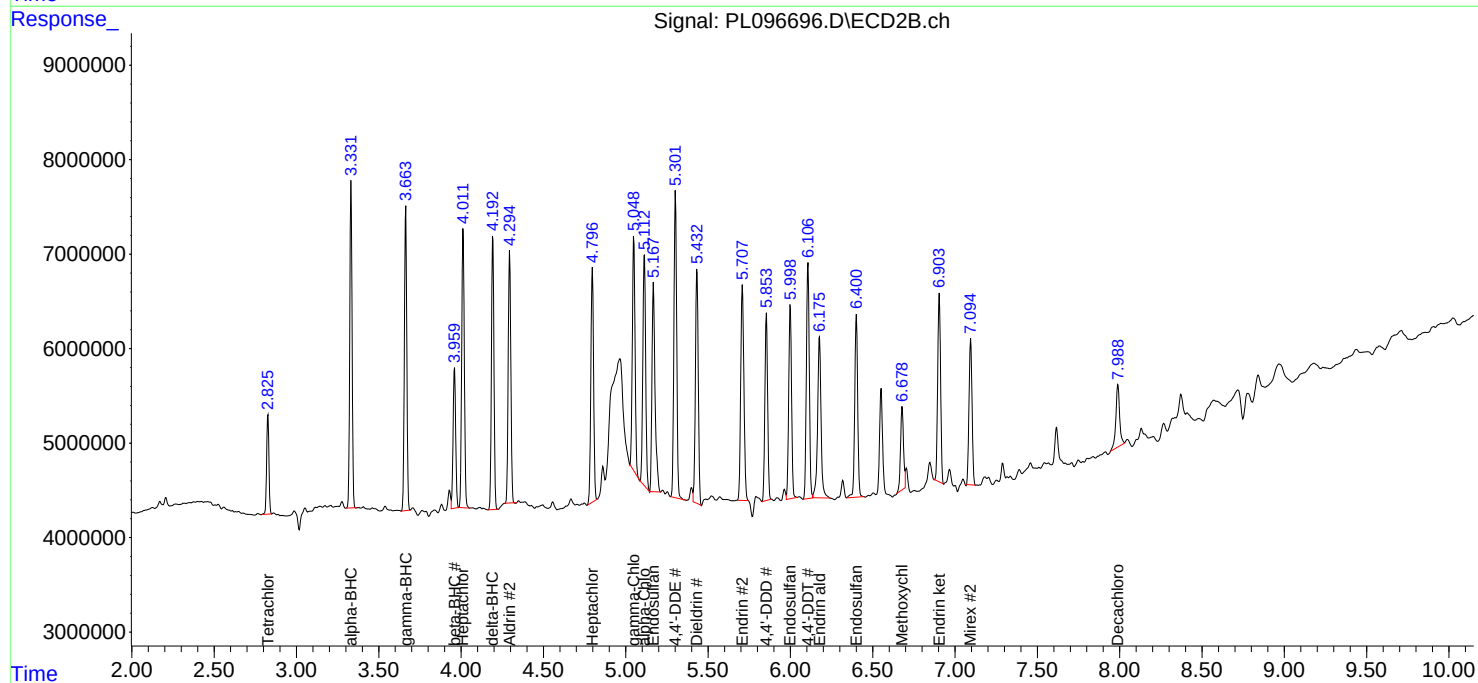
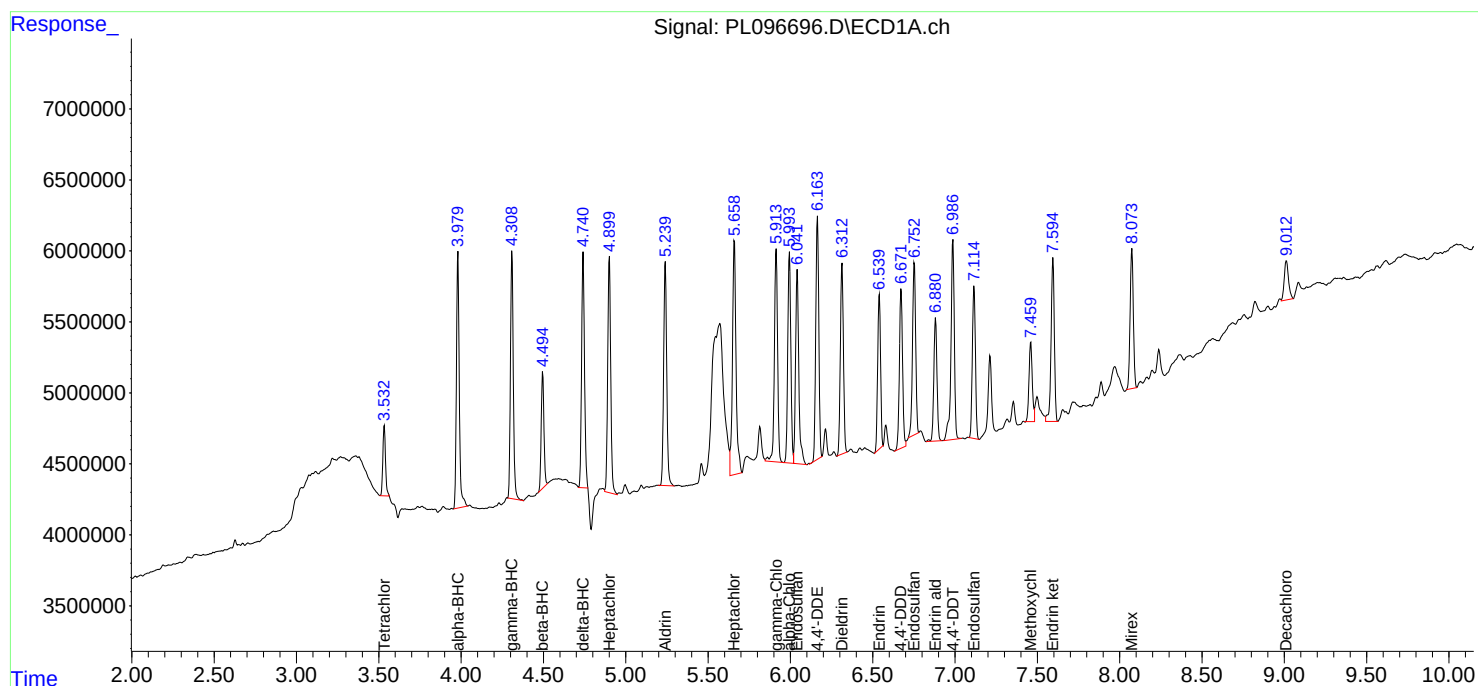
Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

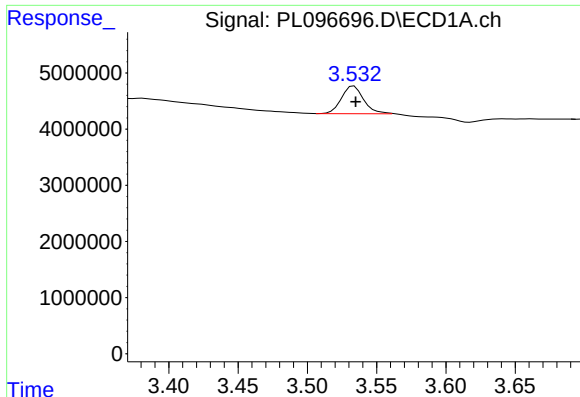
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 01:44:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





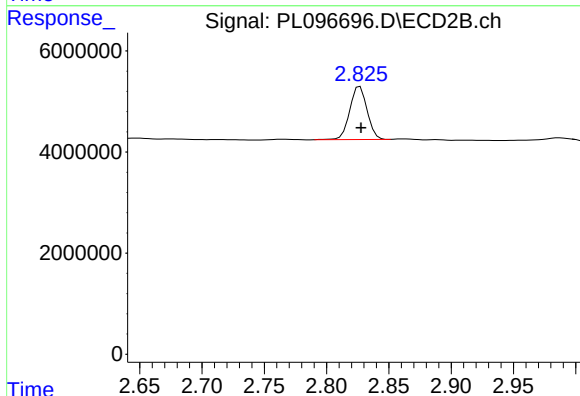
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.003 min
Response: 5504487
Conc: 1.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

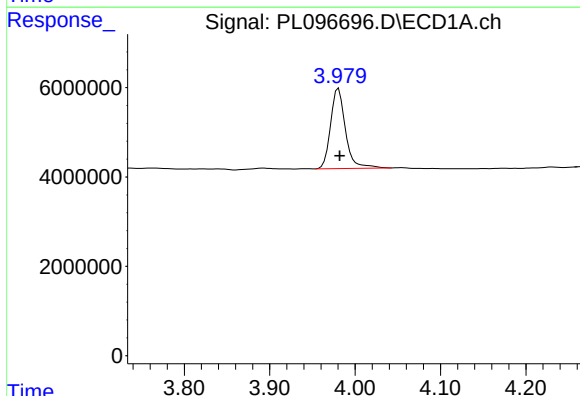
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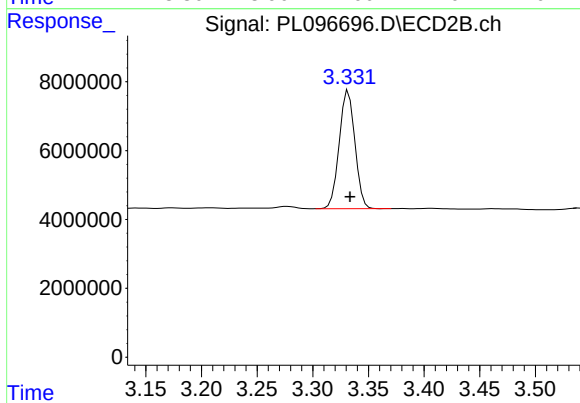
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 10204194
Conc: 2.14 ng/ml



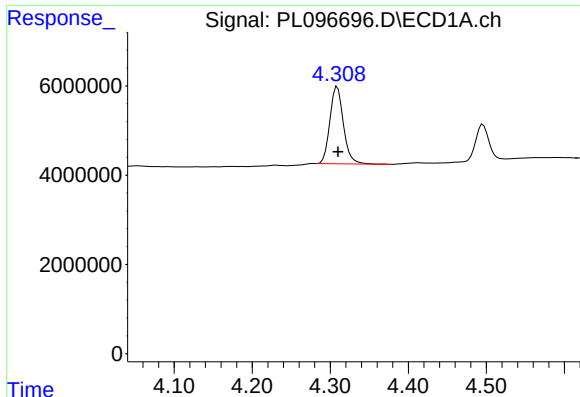
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 21760223
Conc: 4.70 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 33640431
Conc: 4.75 ng/ml



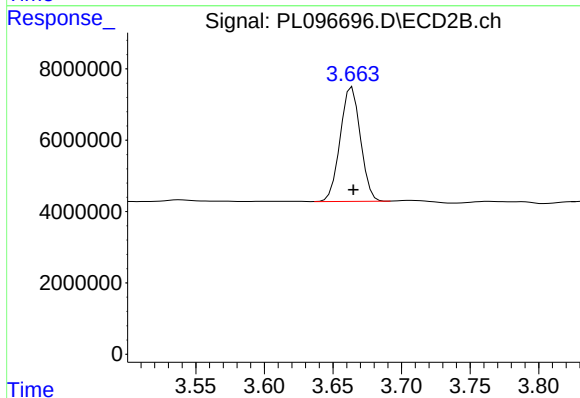
#3 gamma-BHC (Lindane)

R.T.: 4.309 min
Delta R.T.: -0.001 min
Response: 20904409
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

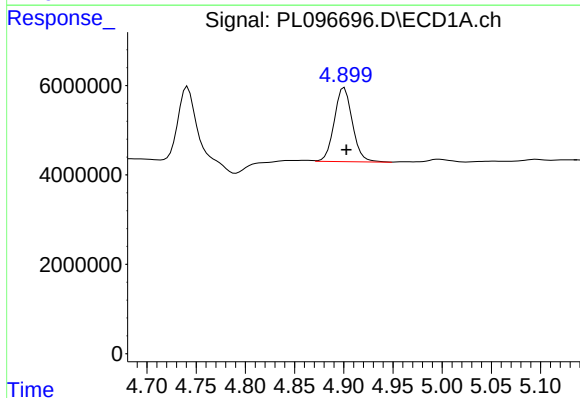
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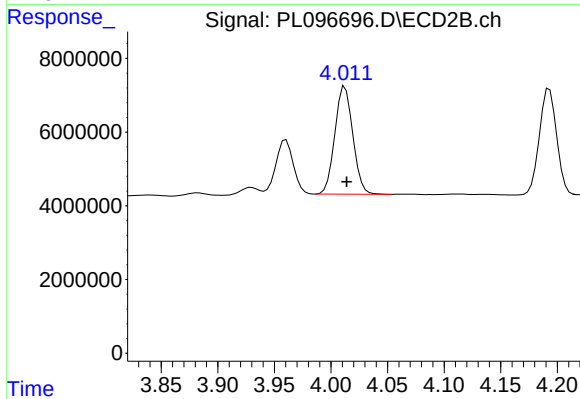
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 32982353
Conc: 4.99 ng/ml



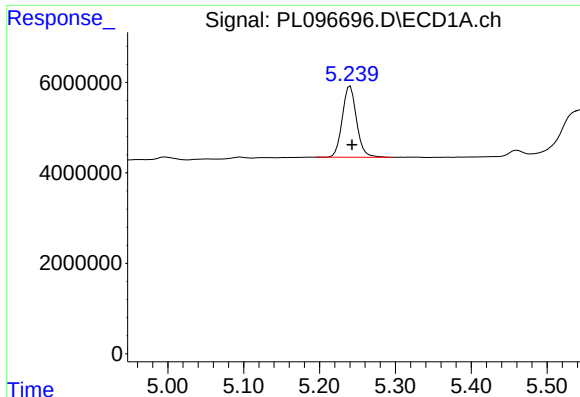
#4 Heptachlor

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 21233697
Conc: 5.11 ng/ml m



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 32391951
Conc: 4.86 ng/ml



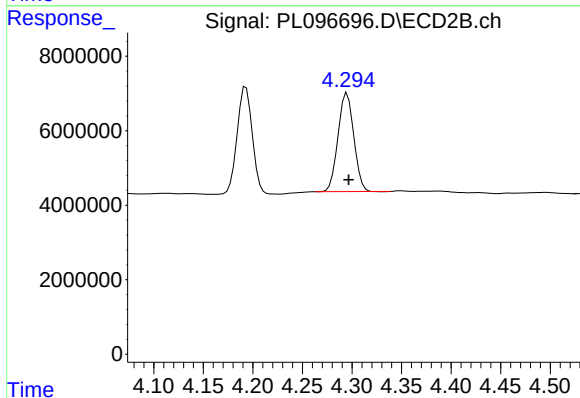
#5 Aldrin

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 20569713
Conc: 4.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

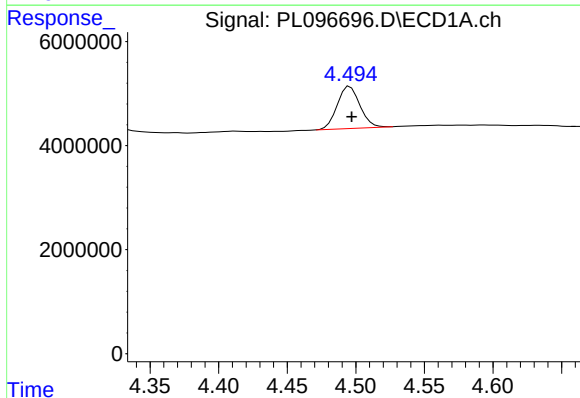
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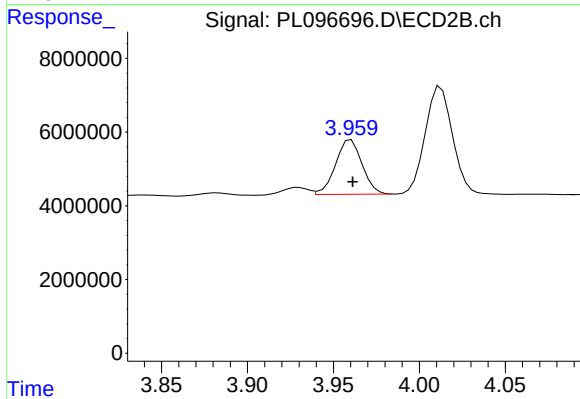
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 29320636
Conc: 4.72 ng/ml



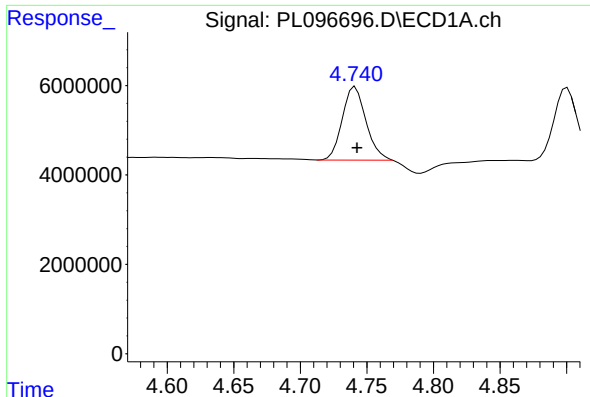
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 9331698
Conc: 5.17 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 15888948
Conc: 5.63 ng/ml m



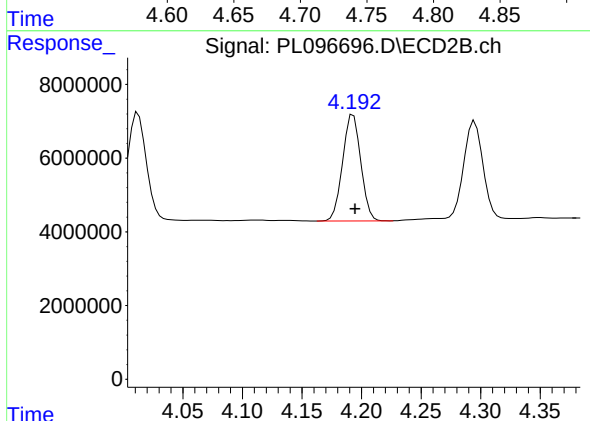
#7 delta-BHC

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 20418687
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

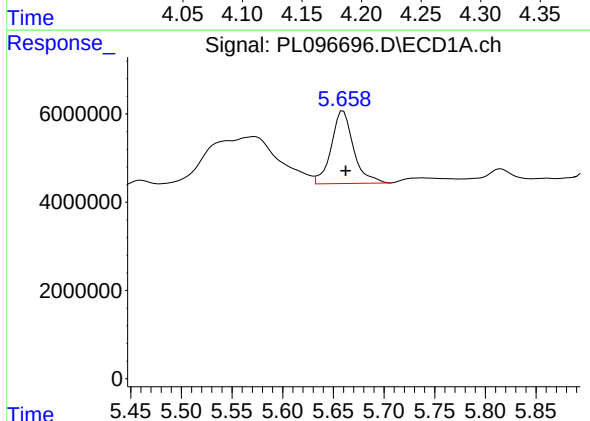
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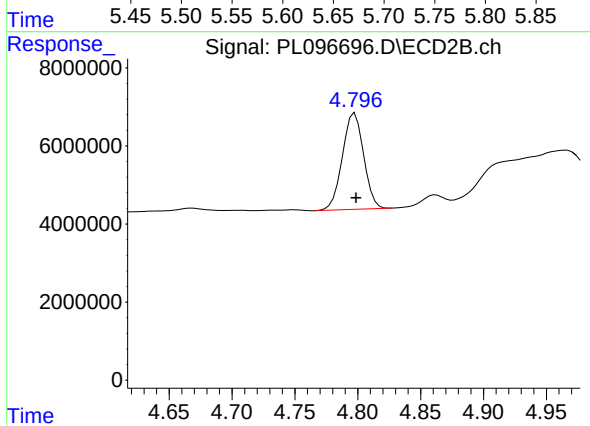
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.001 min
Response: 30653391
Conc: 4.74 ng/ml



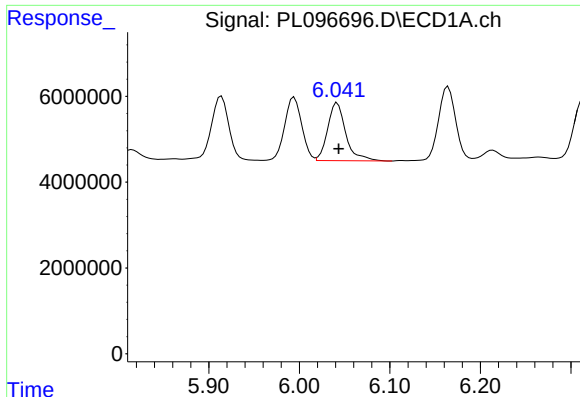
#8 Heptachlor epoxide

R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 25234603
Conc: 6.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.001 min
Response: 29028252
Conc: 5.08 ng/ml



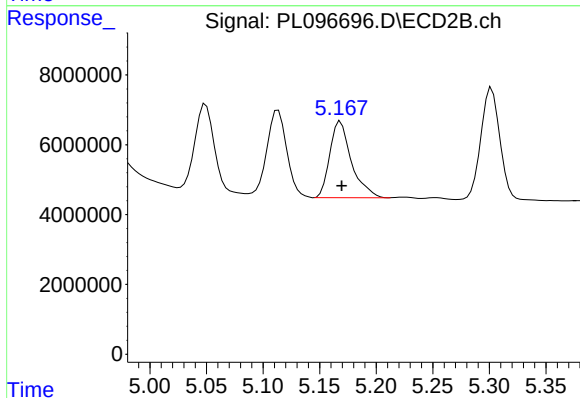
#9 Endosulfan I

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 18864858
Conc: 5.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

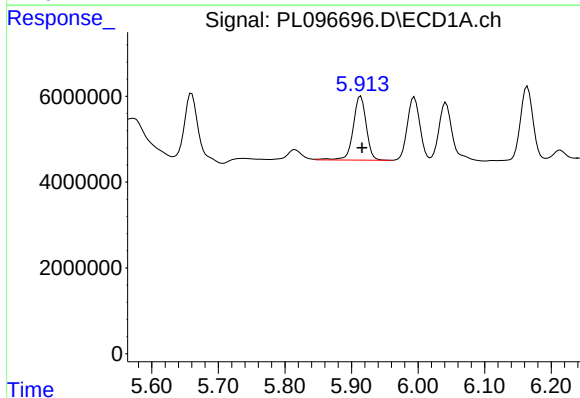
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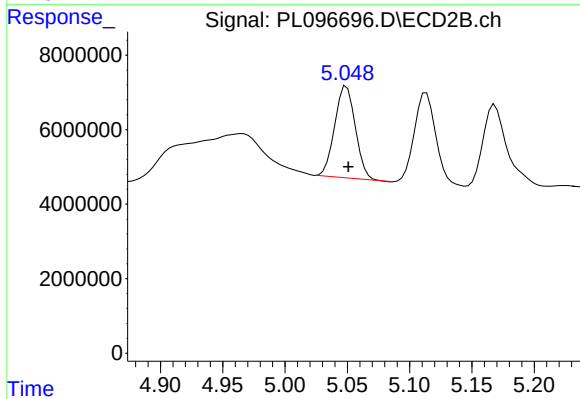
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 29136355
Conc: 5.27 ng/ml



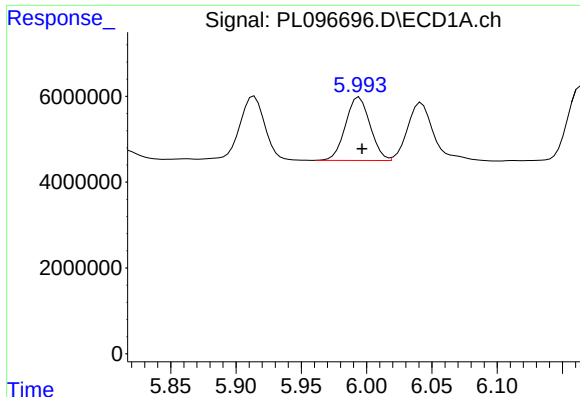
#10 gamma-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.002 min
Response: 20310958
Conc: 5.34 ng/ml



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 28529436
Conc: 4.85 ng/ml



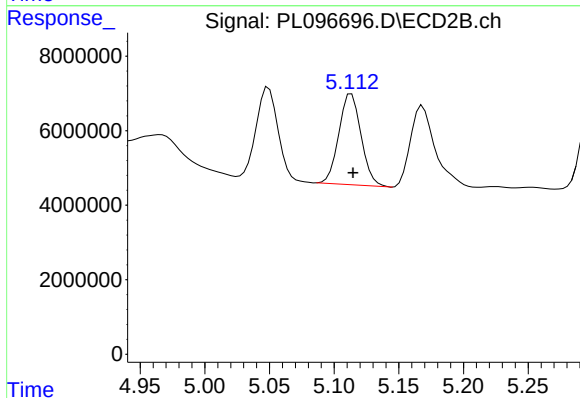
#11 alpha-Chlordane

R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 19355857
Conc: 5.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

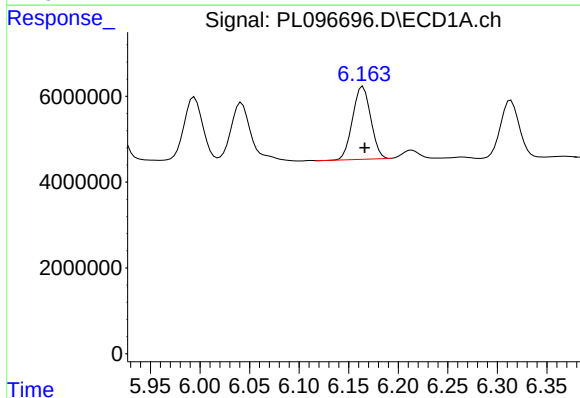
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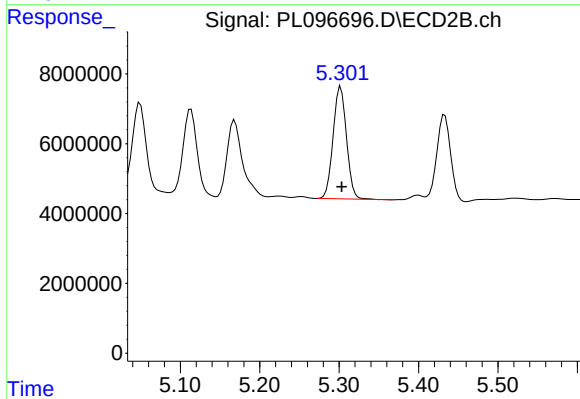
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 29233850
Conc: 4.96 ng/ml



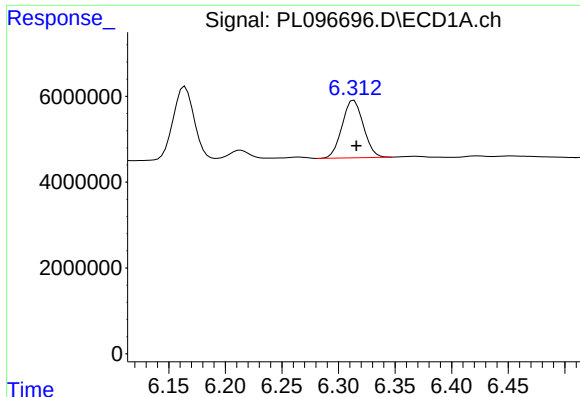
#12 4,4'-DDE

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 21603730
Conc: 6.73 ng/ml



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.002 min
Response: 37694939
Conc: 6.84 ng/ml



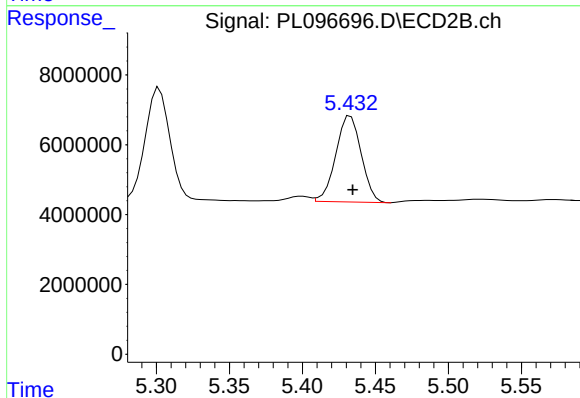
#13 Dieldrin

R.T.: 6.314 min
Delta R.T.: -0.002 min
Response: 17495398
Conc: 4.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

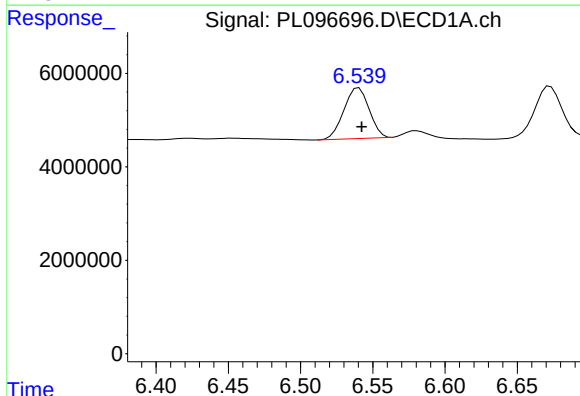
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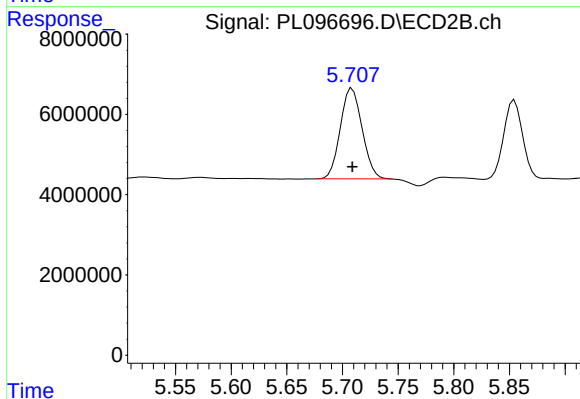
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 29899504
Conc: 5.06 ng/ml



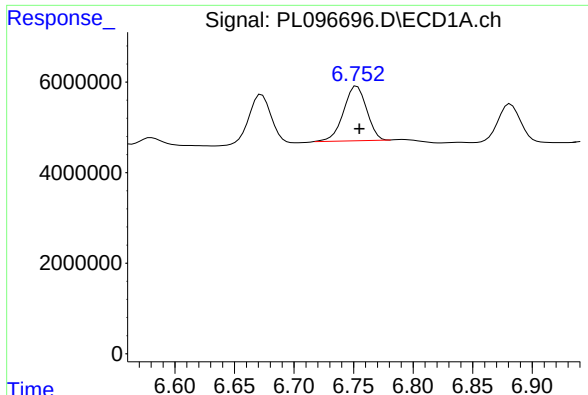
#14 Endrin

R.T.: 6.540 min
Delta R.T.: -0.002 min
Response: 13187829
Conc: 4.36 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 30844604
Conc: 5.71 ng/ml



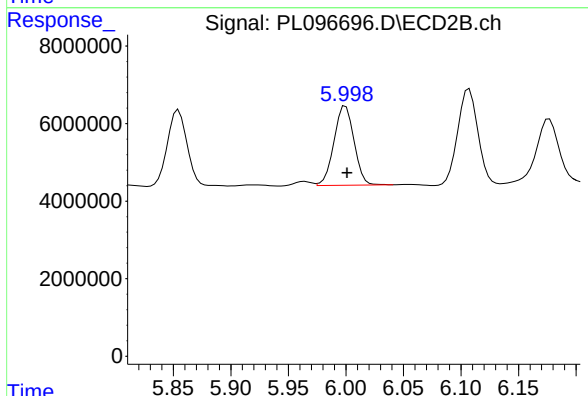
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 16326679
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

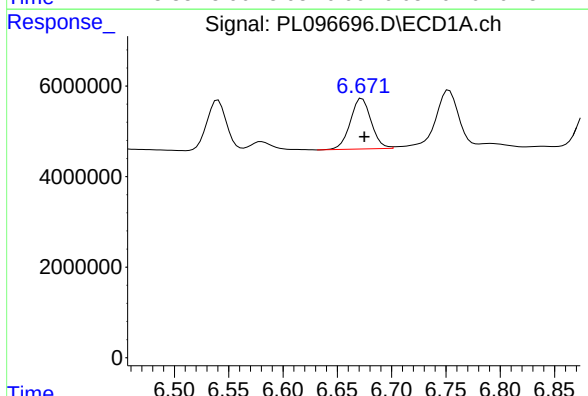
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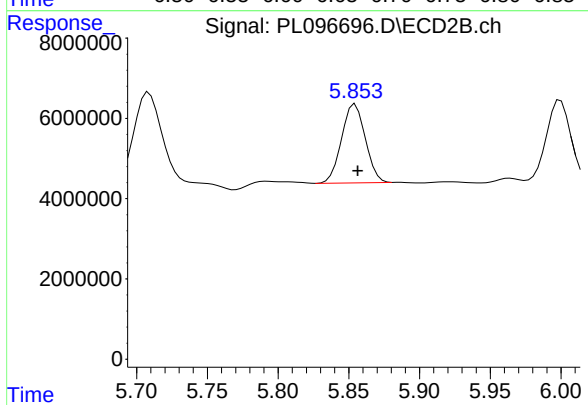
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 24819067
Conc: 4.83 ng/ml



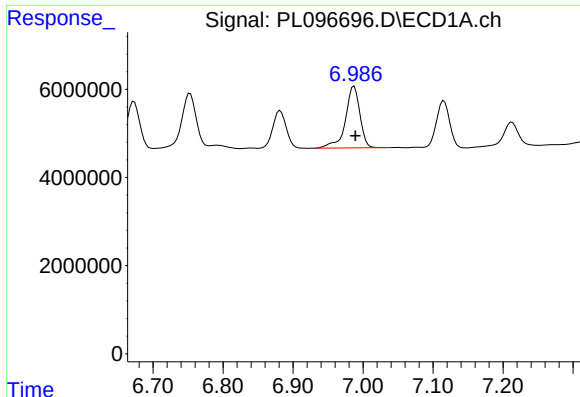
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 15034431
Conc: 5.95 ng/ml m



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 23037625
Conc: 4.90 ng/ml m



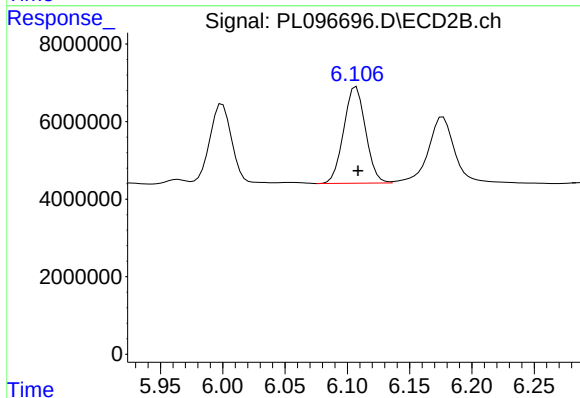
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 20149519
Conc: 7.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

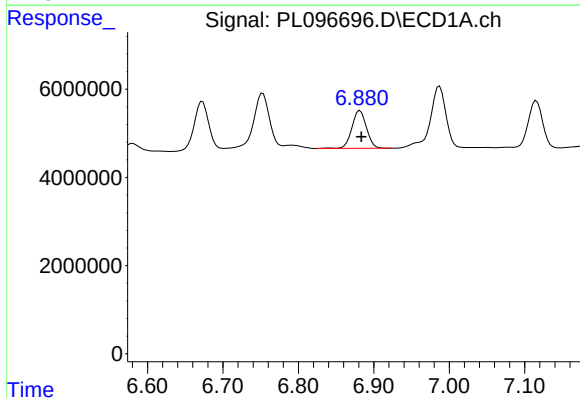
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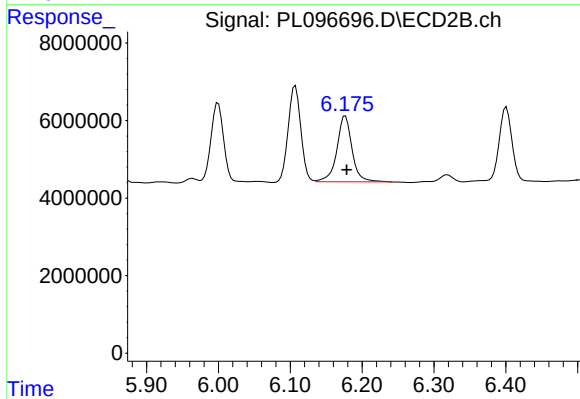
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 30454081
Conc: 6.02 ng/ml m



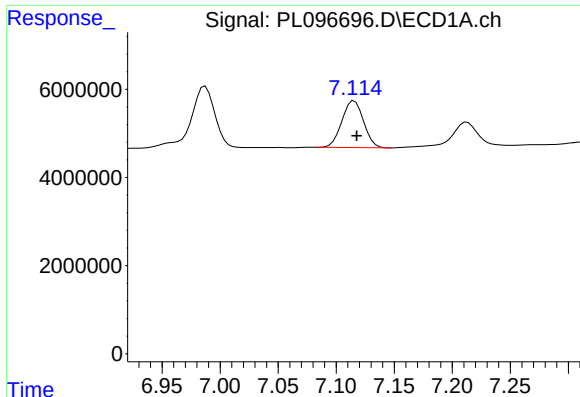
#18 Endrin aldehyde

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 11573581
Conc: 5.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 25005835
Conc: 3.68 ng/ml



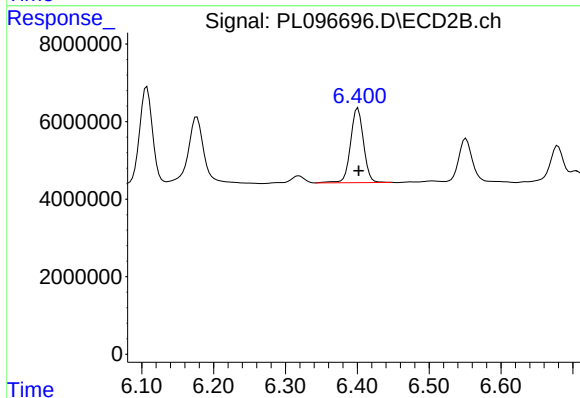
#19 Endosulfan Sulfate

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 13818091
Conc: 4.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

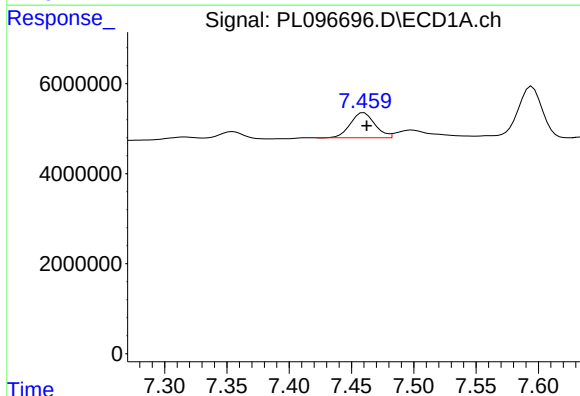
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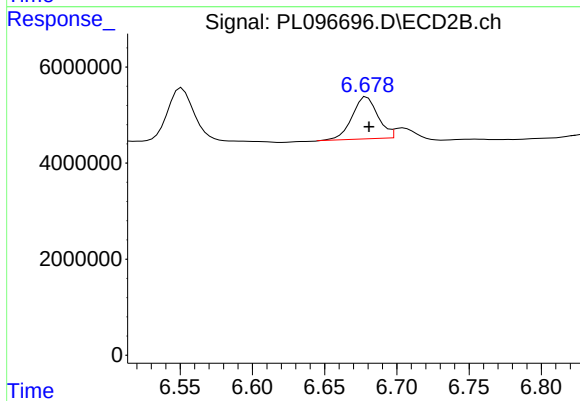
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 24058857
Conc: 4.73 ng/ml



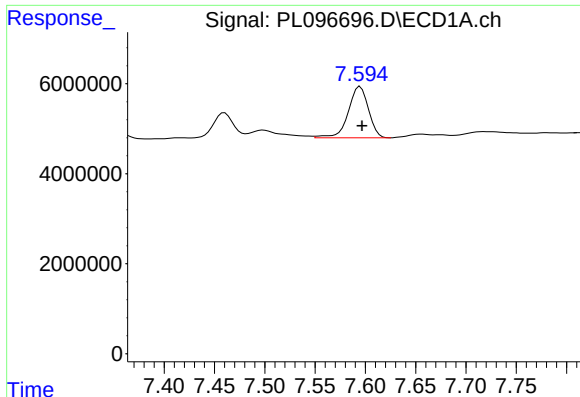
#20 Methoxychlor

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 7682286
Conc: 5.23 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 11228519
Conc: 4.10 ng/ml m



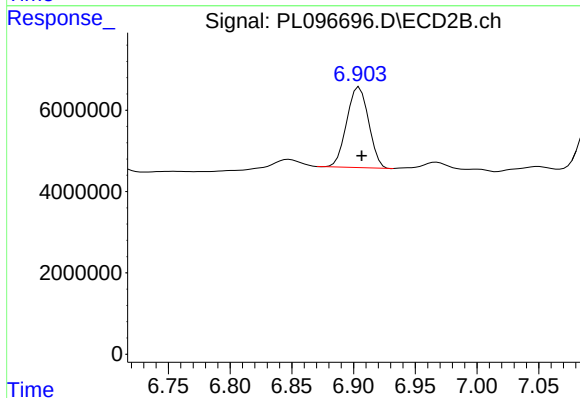
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: -0.002 min
Response: 15861935
Conc: 5.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

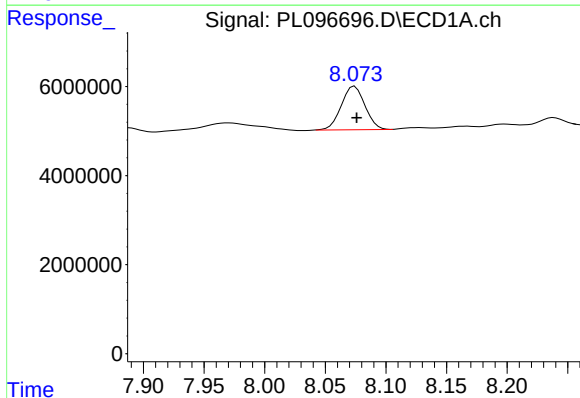
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Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



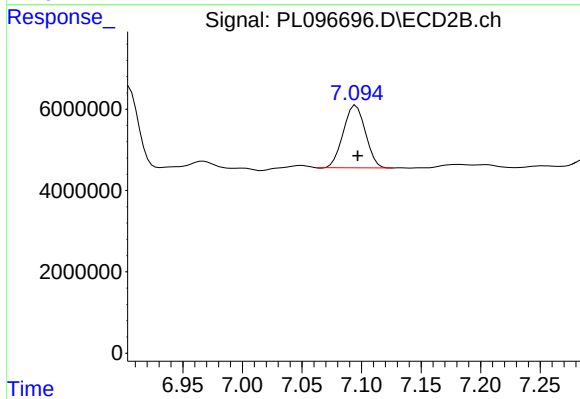
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.002 min
Response: 24439520
Conc: 4.39 ng/ml



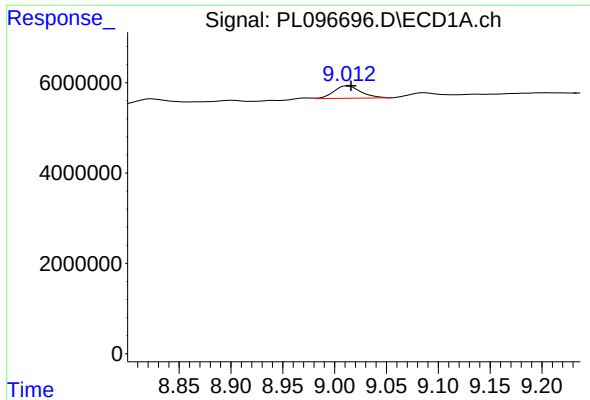
#22 Mirex

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 13233255
Conc: 5.34 ng/ml



#22 Mirex

R.T.: 7.095 min
Delta R.T.: -0.001 min
Response: 19877033
Conc: 4.56 ng/ml



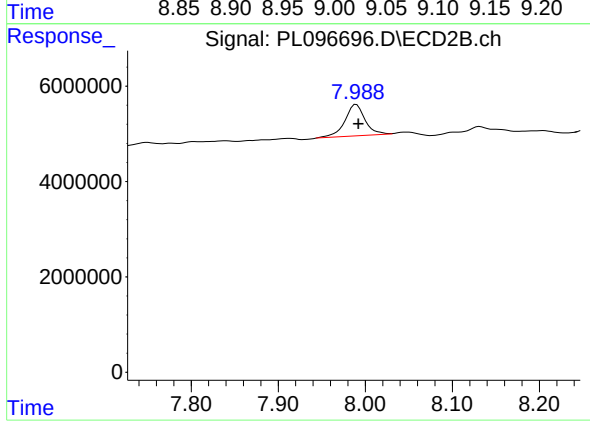
#28 Decachlorobiphenyl

R.T.: 9.012 min
Delta R.T.: -0.004 min
Response: 4983577
Conc: 2.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
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#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 10627929
Conc: 2.45 ng/ml m