

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
 Data File : PL097188.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 12:20
 Operator : AR\AJ
 Sample : Q3065-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-204MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/16/2025
 Supervised By : mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 02:09:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.525	2.821	58725167	89090308	14.890m	15.806
28)	SA Decachlor...	9.001	7.982	41428962	69140743	13.993	14.417m
Target Compounds							
2)	A alpha-BHC	3.973	3.326	320.0E6	417.9E6	55.236	50.896
3)	MA gamma-BHC...	4.301	3.658	288.6E6	390.4E6	52.839	52.999
4)	MA Heptachlor	4.892	4.006	3184.4E6	3588.5E6	597.184	476.930
5)	MB Aldrin	5.220	4.288	276.6E6	412.3E6	52.656m	58.631m
6)	B beta-BHC	4.488	3.954	109.3E6	156.2E6	47.809	47.891
7)	B delta-BHC	4.732	4.187	290.8E6	457.6E6	64.625m	62.269
8)	B Heptachlo...	5.651	4.789	6954.7E6	5683.5E6	1351.534	898.584m#
9)	A Endosulfan I	6.031	5.173	193.3E6	8673.0E6	44.978	1447.594 #
10)	B gamma-Chl...	5.904	5.042	13553.6E6	14333.7E6	2942.938m	2168.134 #
11)	B alpha-Chl...	5.989	5.106	7744.5E6	6666.0E6	1645.698	1020.865 #
12)	B 4,4'-DDE	6.134f	5.295	7308.8E6	465.8E6	1831.729	75.681 #
13)	MA Dieldrin	6.303	5.426	294.2E6	330.2E6	64.785m	50.385
14)	MA Endrin	6.530	5.702	161.6E6	550.9E6	43.161m	93.264 #
15)	B Endosulfa...	6.744	5.999	391.6E6	2191.6E6	88.898	383.237 #
16)	A 4,4'-DDD	6.683f	5.846	398.9E6	288.3E6	126.390	55.197 #
17)	MA 4,4'-DDT	6.979	6.116	423.3E6	1726.5E6	120.869	315.216 #
18)	B Endrin al...	6.875	6.170	224.4E6	432.2E6	86.272	109.352 #
19)	B Endosulfa...	7.107	6.394	213.5E6	340.3E6	62.170	60.742
20)	A Methoxychlor	7.450	6.672	88625221	131.5E6	51.066m	43.825
21)	B Endrin ke...	7.585	6.898	188.8E6	334.3E6	53.117m	53.409
22)	Mirex	8.063	7.086	148.7E6	240.4E6	49.708m	49.510m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
Data File : PL097188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 12:20
Operator : AR\AJ
Sample : Q3065-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

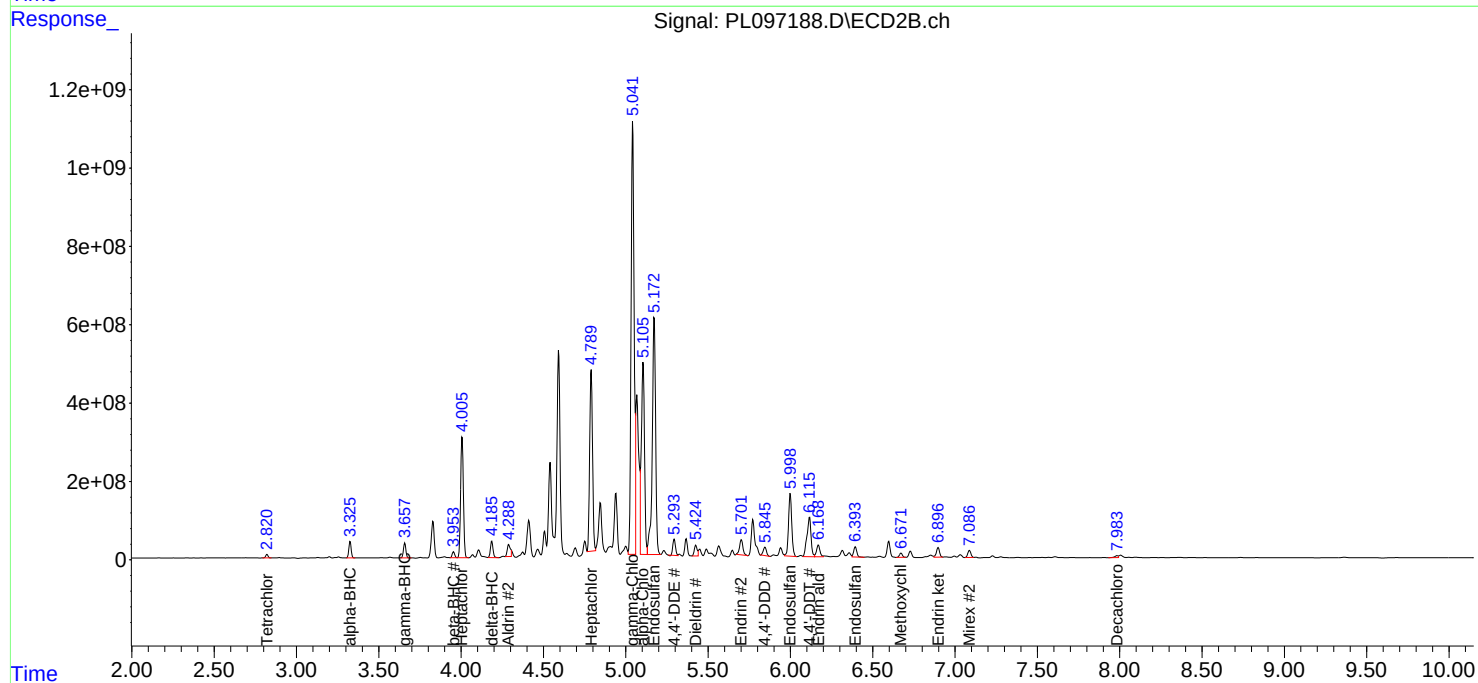
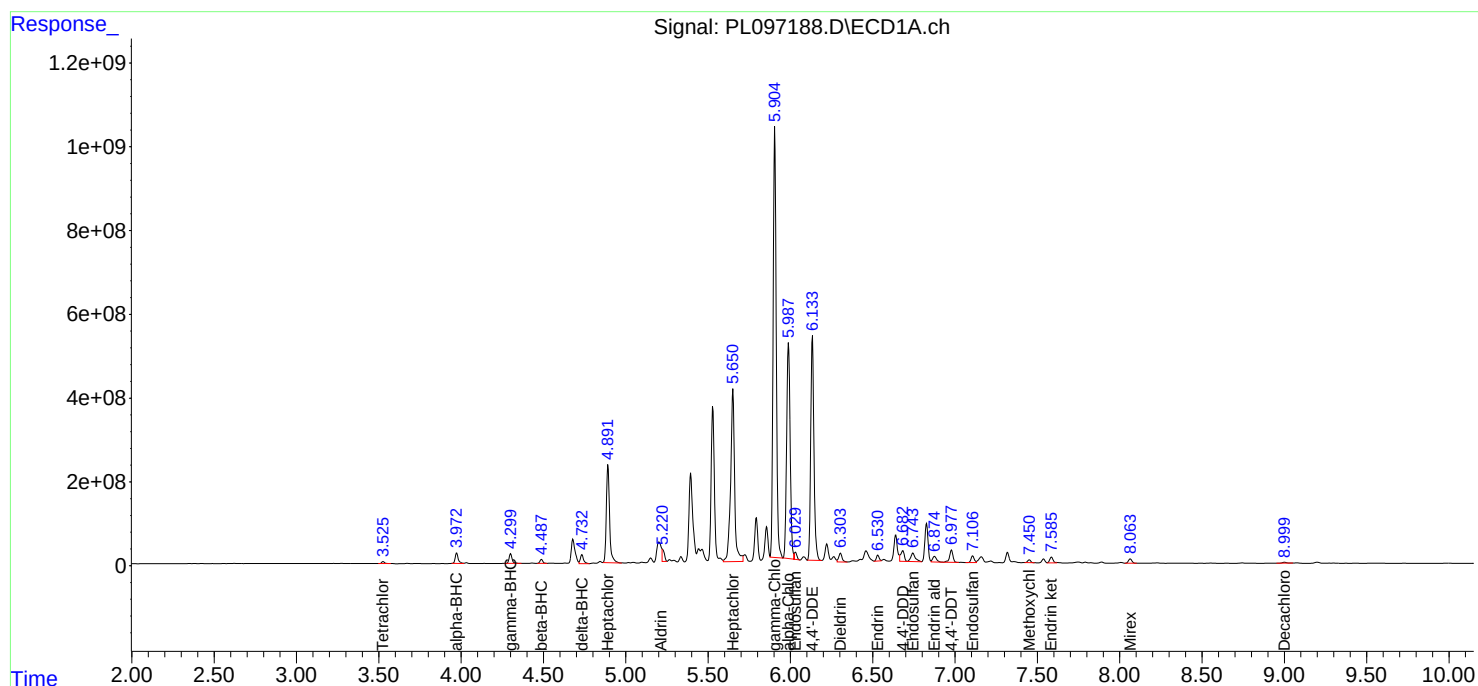
Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

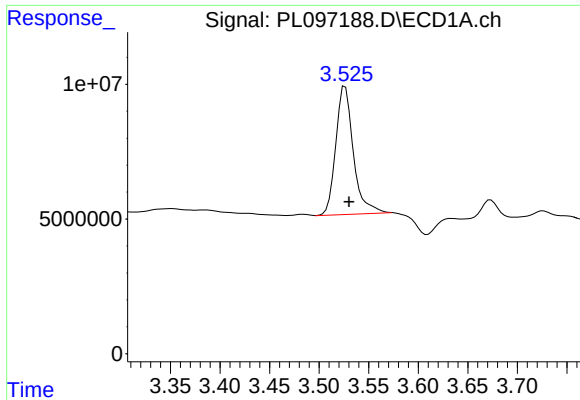
Manual Integrations
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Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 02:09:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





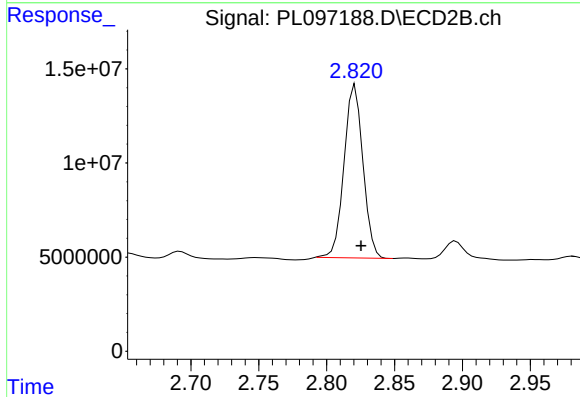
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.005 min
Response: 58725167
Conc: 14.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

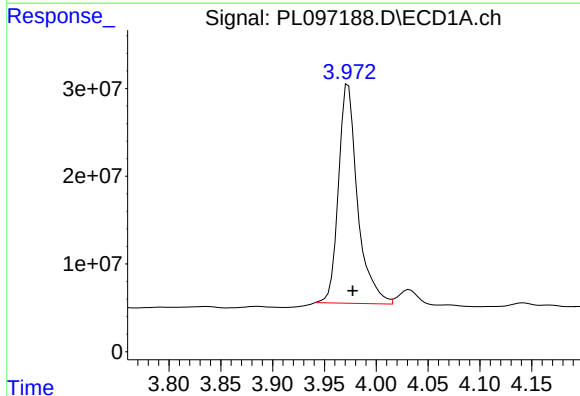
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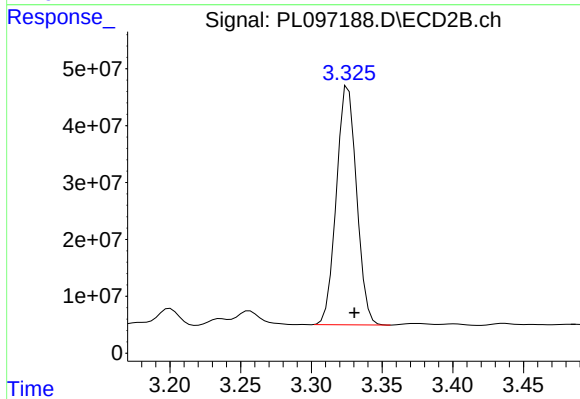
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.004 min
Response: 89090308
Conc: 15.81 ng/ml



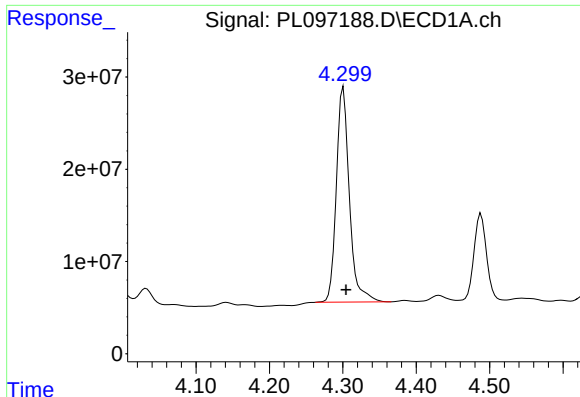
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 320036388
Conc: 55.24 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.004 min
Response: 417918345
Conc: 50.90 ng/ml



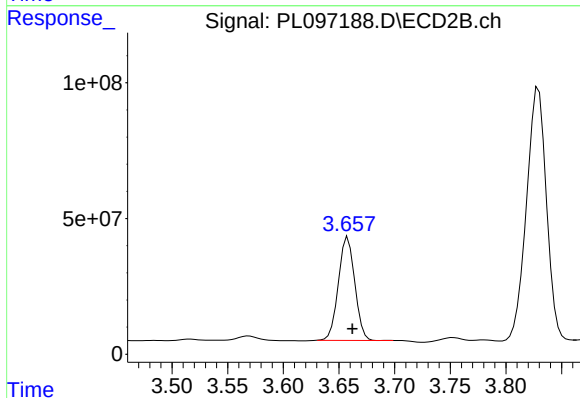
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 288596801
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

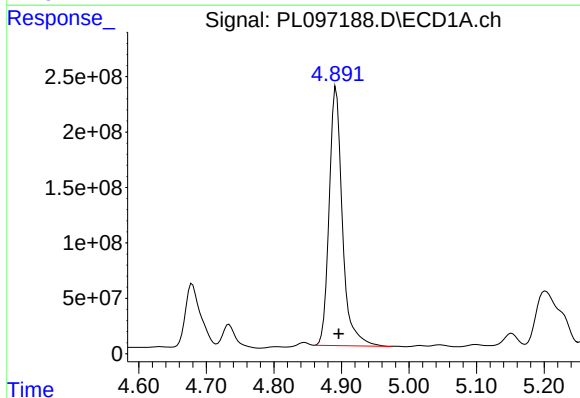
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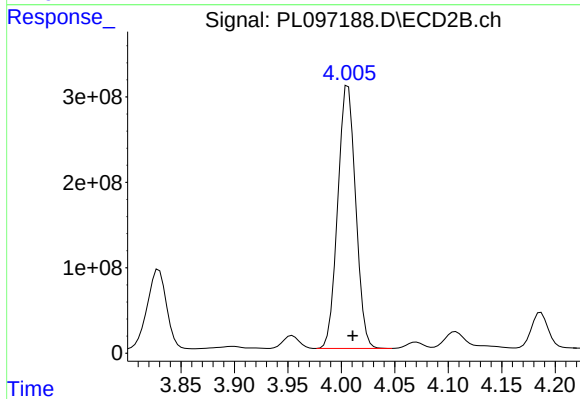
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 390416712
Conc: 53.00 ng/ml



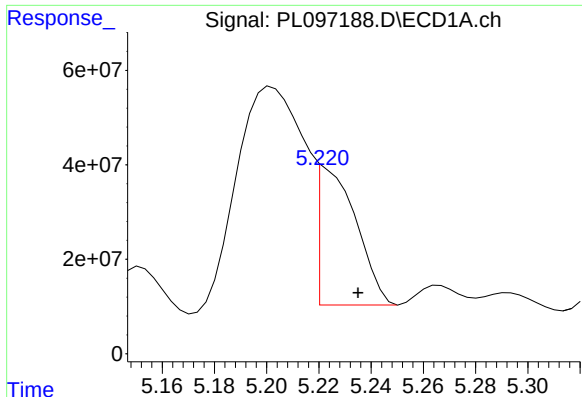
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 3184393825
Conc: 597.18 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 3588519052
Conc: 476.93 ng/ml



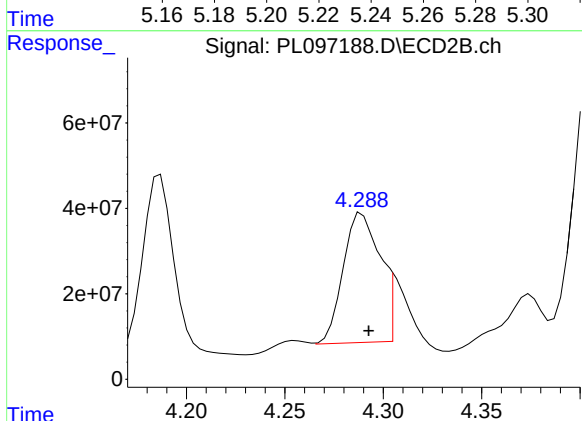
#5 Aldrin

R.T.: 5.220 min
Delta R.T.: -0.015 min
Response: 276627041
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

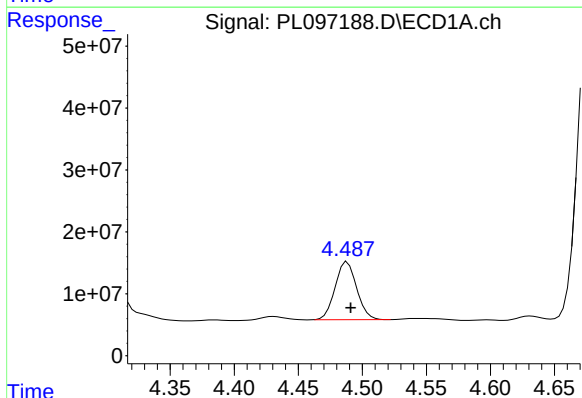
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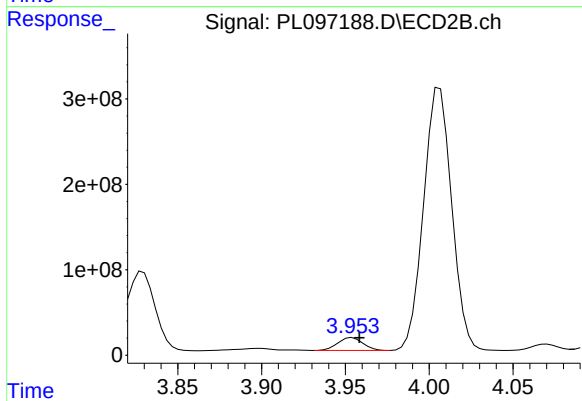
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.005 min
Response: 412340213
Conc: 58.63 ng/ml m



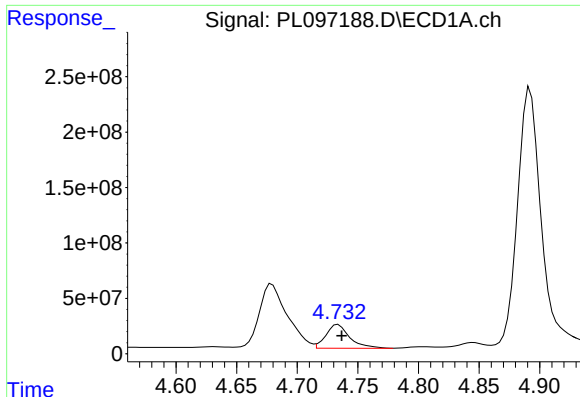
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 109341769
Conc: 47.81 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.004 min
Response: 156232869
Conc: 47.89 ng/ml



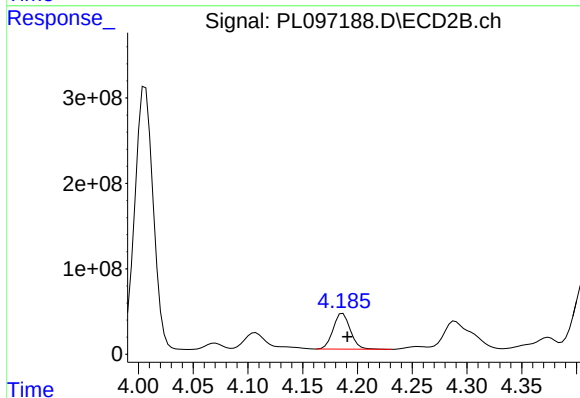
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.004 min
Response: 290808045
Conc: 64.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

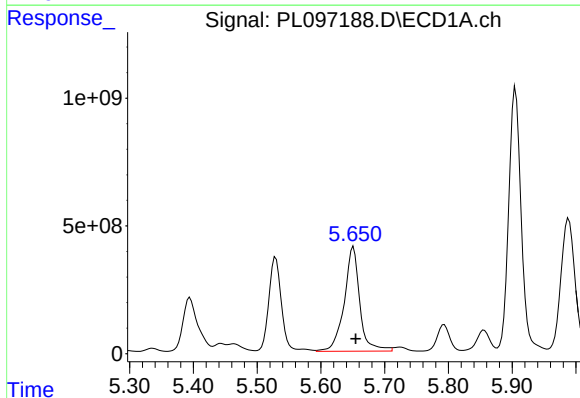
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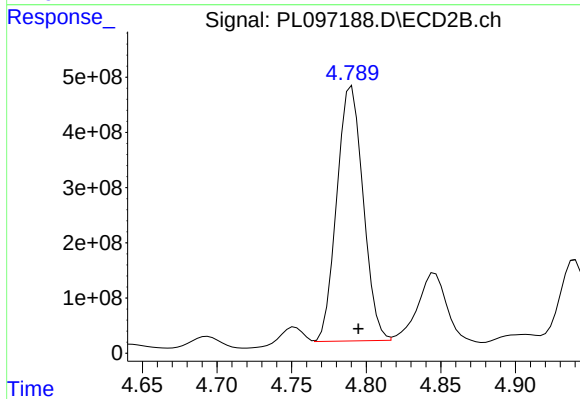
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 457602209
Conc: 62.27 ng/ml



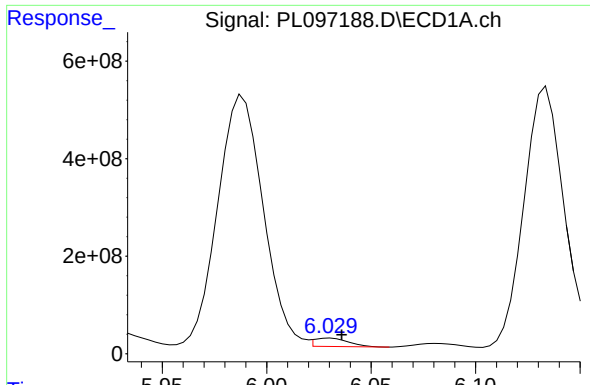
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 6954747175
Conc: 1351.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.006 min
Response: 5683540737
Conc: 898.58 ng/ml m



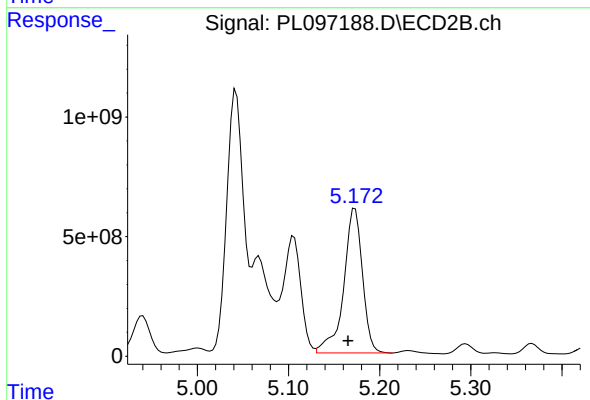
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.005 min
Response: 193261986
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

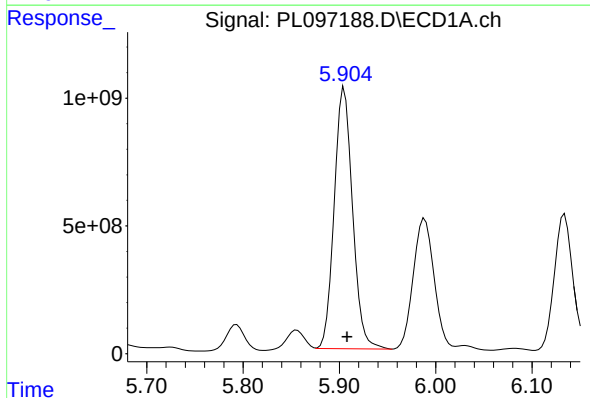
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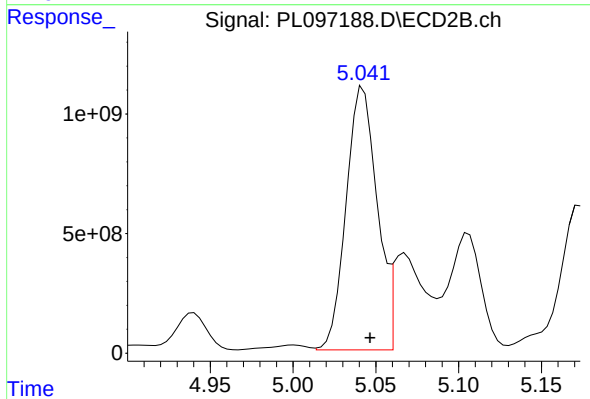
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.008 min
Response: 8672976248
Conc: 1447.59 ng/ml



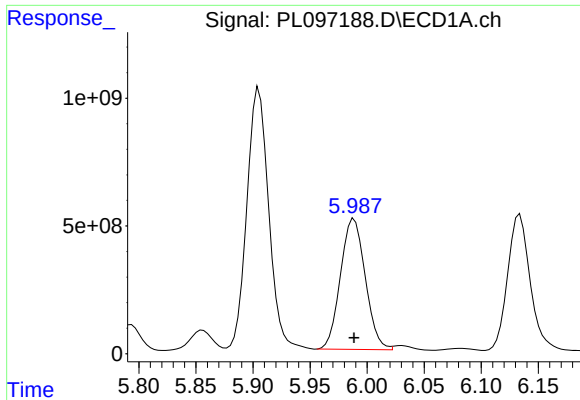
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 13553628547
Conc: 2942.94 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 14333721401
Conc: 2168.13 ng/ml



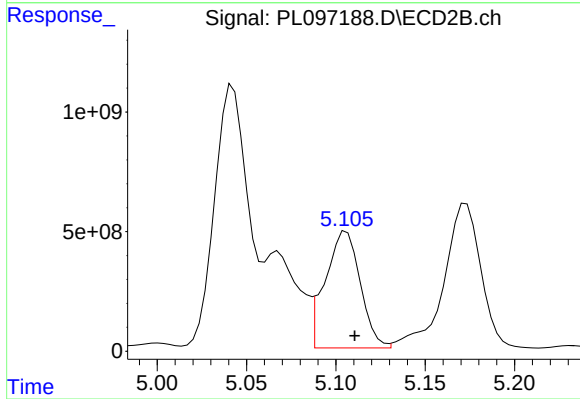
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 7744483176
Conc: 1645.70 ng/m

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

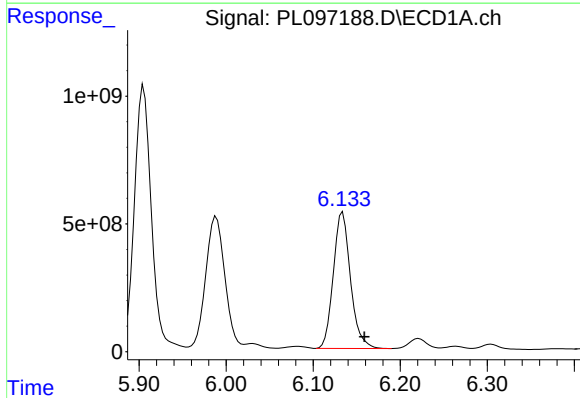
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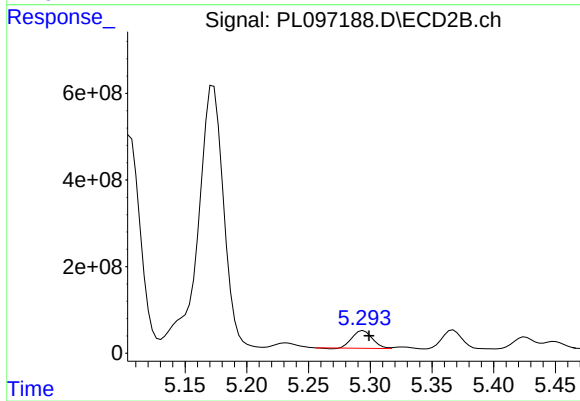
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.005 min
Response: 6666012009
Conc: 1020.87 ng/ml



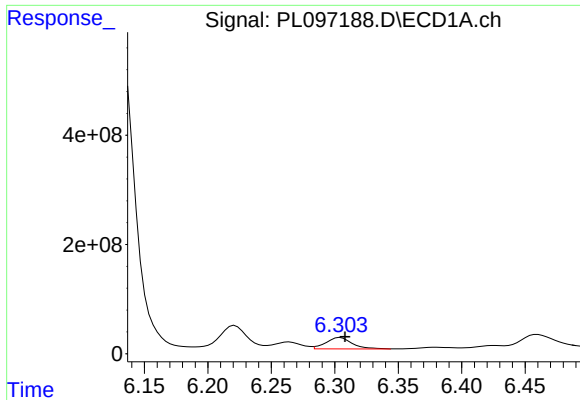
#12 4,4'-DDE

R.T.: 6.134 min
Delta R.T.: -0.025 min
Response: 7308831394
Conc: 1831.73 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.005 min
Response: 465798073
Conc: 75.68 ng/ml



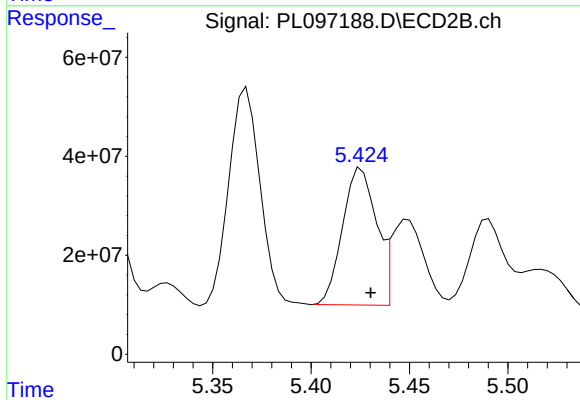
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.005 min
Response: 294178667
Conc: 64.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

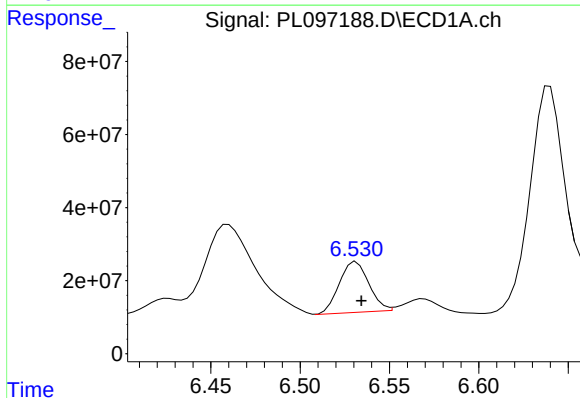
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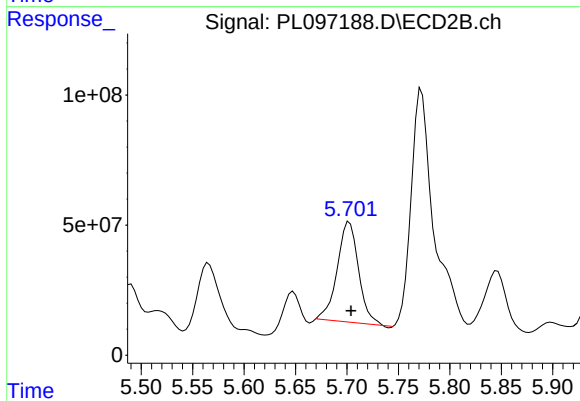
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.005 min
Response: 330175974
Conc: 50.39 ng/ml



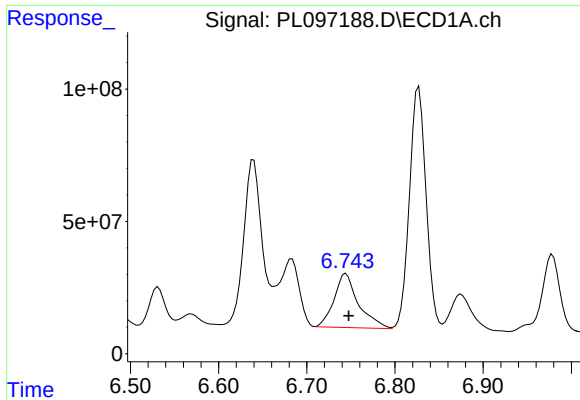
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 161632827
Conc: 43.16 ng/ml m



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 550928269
Conc: 93.26 ng/ml



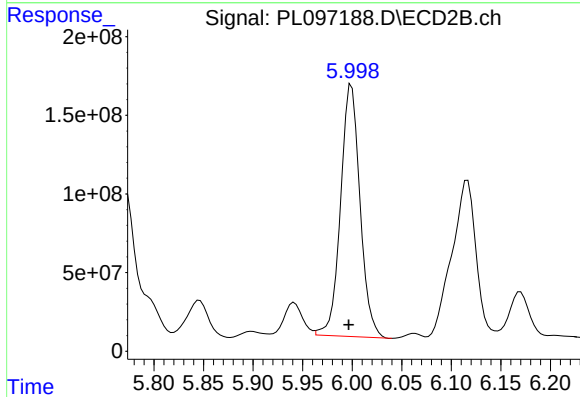
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 391601144
Conc: 88.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

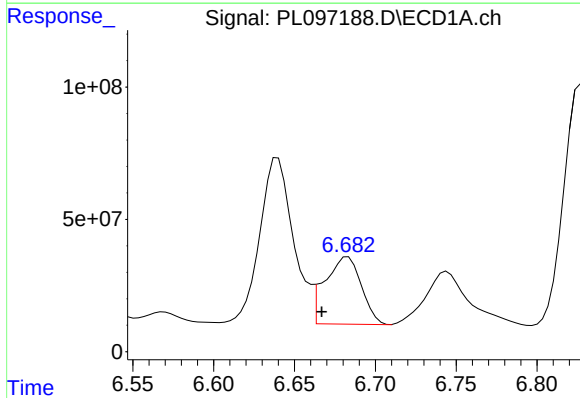
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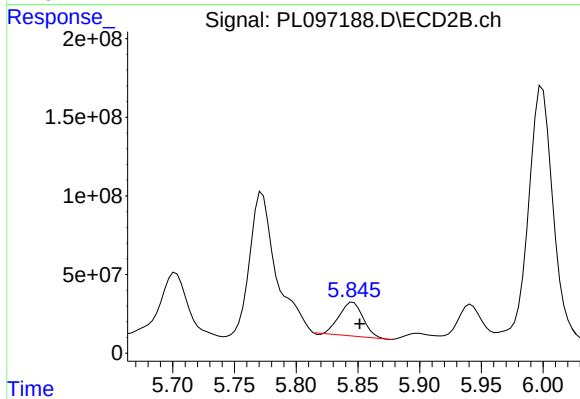
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: 0.003 min
Response: 2191627993
Conc: 383.24 ng/ml



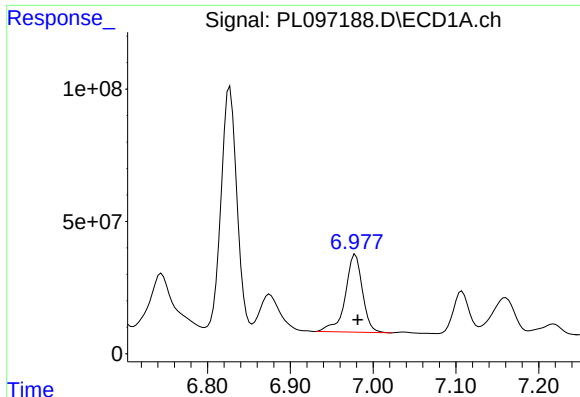
#16 4,4'-DDD

R.T.: 6.683 min
Delta R.T.: 0.016 min
Response: 398863716
Conc: 126.39 ng/ml



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.005 min
Response: 288260106
Conc: 55.20 ng/ml



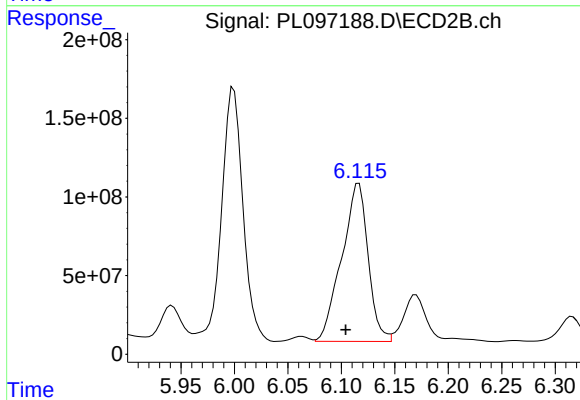
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 423335124
Conc: 120.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

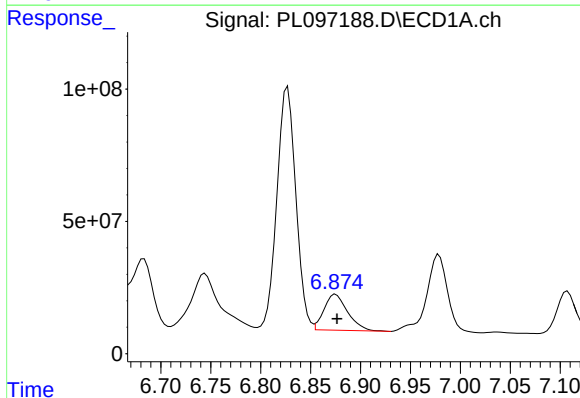
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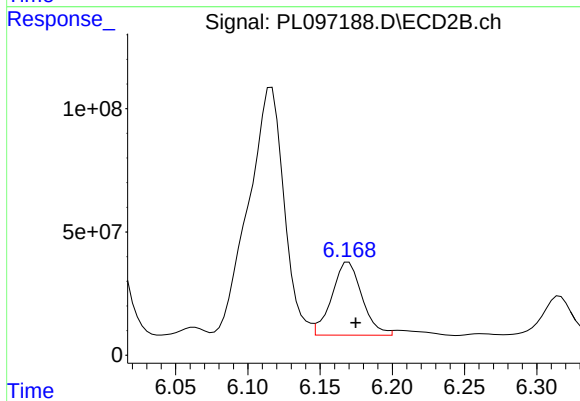
#17 4,4'-DDT

R.T.: 6.116 min
Delta R.T.: 0.012 min
Response: 1726519049
Conc: 315.22 ng/ml



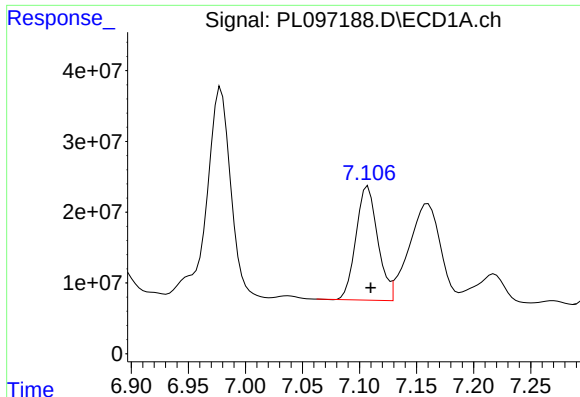
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 224432142
Conc: 86.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.005 min
Response: 432215139
Conc: 109.35 ng/ml



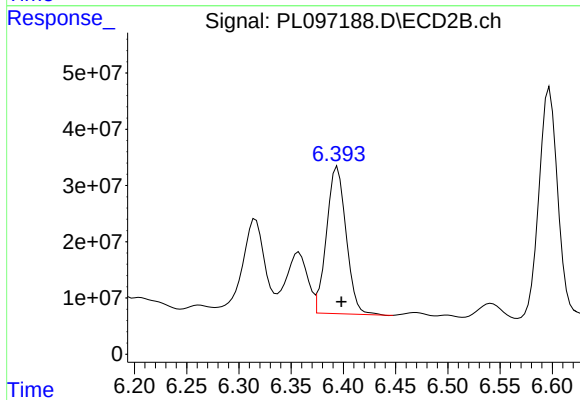
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 213451368
Conc: 62.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

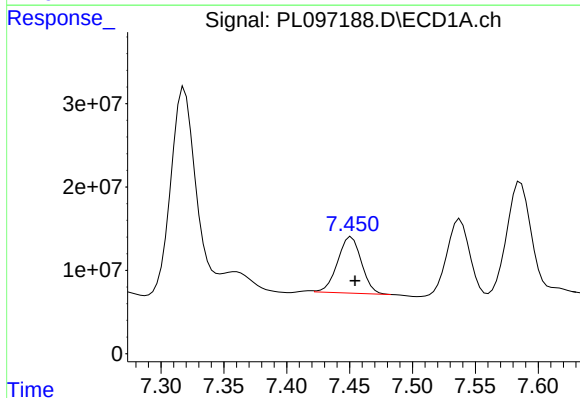
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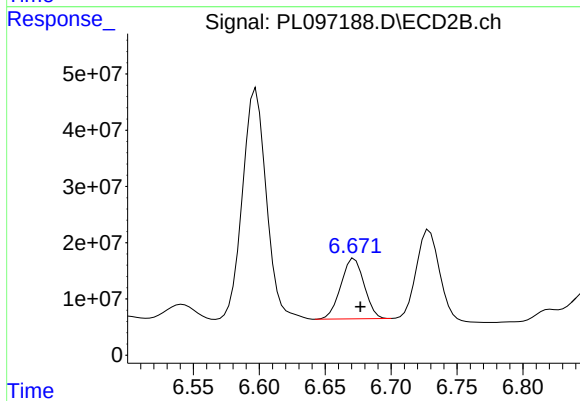
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 340334007
Conc: 60.74 ng/ml



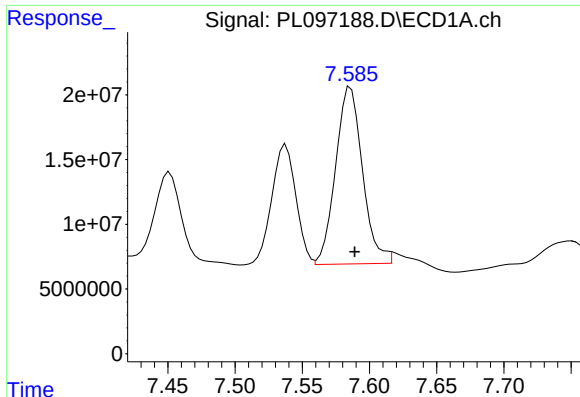
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 88625221
Conc: 51.07 ng/ml m



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 131464171
Conc: 43.82 ng/ml



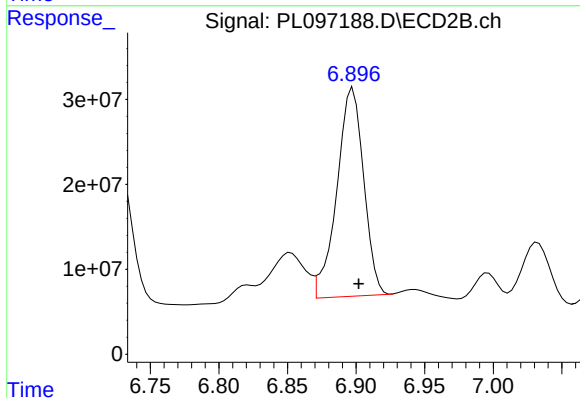
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 188846792
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

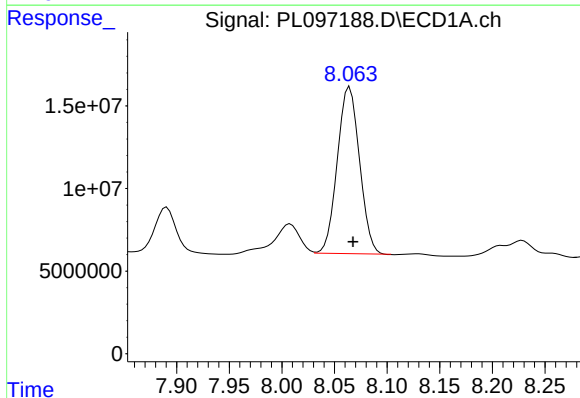
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



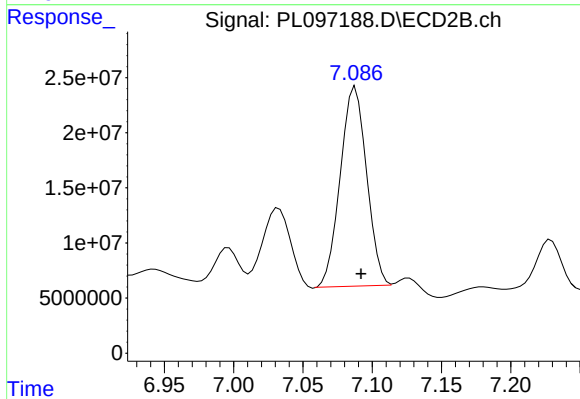
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 334283061
Conc: 53.41 ng/ml



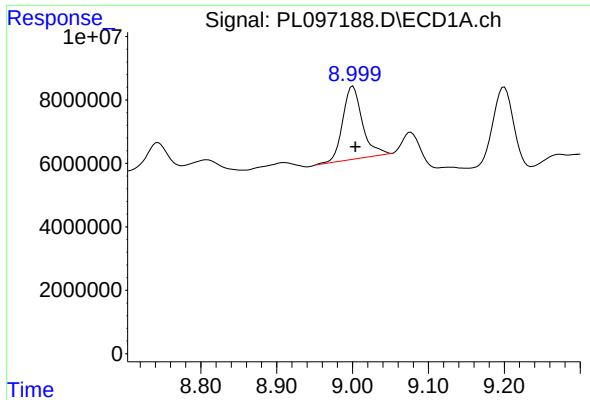
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.005 min
Response: 148720796
Conc: 49.71 ng/ml m



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 240447378
Conc: 49.51 ng/ml m



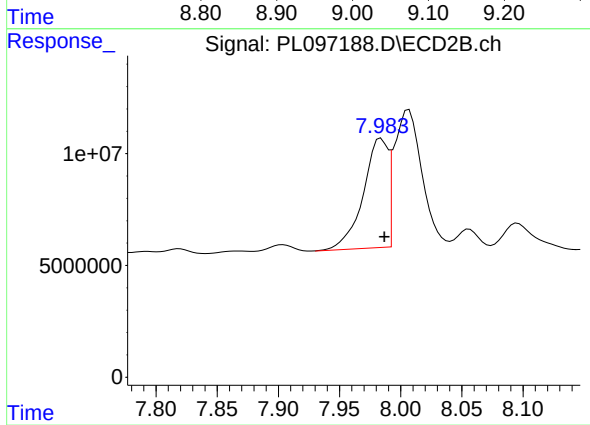
#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: -0.003 min
Response: 41428962
Conc: 13.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

Manual Integrations
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Supervised By :mohammad ahmed 09/17/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 69140743
Conc: 14.42 ng/ml m