

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097164.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 20:48
 Operator : AR\AJ
 Sample : Q3065-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-204MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/12/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:23:20 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...	3.526	2.823	50569467	77532415	12.822m	13.755
28)	SA Decachlor...	8.999	7.984	35586520	54255778	12.020	11.313
Target Compounds							
2)	A alpha-BHC	3.974	3.328	311.9E6	410.0E6	53.839	49.935
3)	MA gamma-BHC...	4.302	3.660	277.3E6	382.9E6	50.774	51.984
4)	MA Heptachlor	4.893	4.008	3182.5E6	3738.4E6	596.828	496.851
5)	MB Aldrin	5.219f	4.289	299.3E6	368.1E6	56.977m	52.334m
6)	B beta-BHC	4.489	3.956	104.2E6	152.4E6	45.544	46.723
7)	B delta-BHC	4.733	4.188	255.8E6	447.2E6	56.842m	60.856
8)	B Heptachlo...	5.651	4.791	6972.9E6	5903.5E6	1355.066	933.359m#
9)	A Endosulfan I	6.031	5.174	184.6E6	8960.8E6	42.967	1495.629 #
10)	B gamma-Chl...	5.904	5.044	13565.6E6	14622.2E6	2945.532m	2211.774
11)	B alpha-Chl...	5.988	5.107	7723.0E6	6768.1E6	1641.123	1036.503 #
12)	B 4,4'-DDE	6.134f	5.296	7191.4E6	443.7E6	1802.302	72.085 #
13)	MA Dieldrin	6.303	5.427	249.1E6	321.6E6	54.856m	49.084
14)	MA Endrin	6.530	5.703	154.3E6	567.8E6	41.195m	96.119 #
15)	B Endosulfa...	6.744	6.000	385.9E6	2267.5E6	87.614	396.507 #
16)	A 4,4'-DDD	6.683f	5.847	384.3E6	268.9E6	121.786	51.493 #
17)	MA 4,4'-DDT	6.978	6.118	430.5E6	1808.6E6	122.923	330.206 #
18)	B Endrin al...	6.876	6.171	222.9E6	469.5E6	85.696	119.209 #
19)	B Endosulfa...	7.107	6.396	200.9E6	341.7E6	58.509	60.989
20)	A Methoxychlor	7.451	6.673	91626568	131.6E6	52.796	43.885
21)	B Endrin ke...	7.584	6.899	174.6E6	291.6E6	49.105m	46.590
22)	Mirex	8.065	7.087	128.0E6	244.8E6	42.785	50.398m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097164.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 20:48
Operator : AR\AJ
Sample : Q3065-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

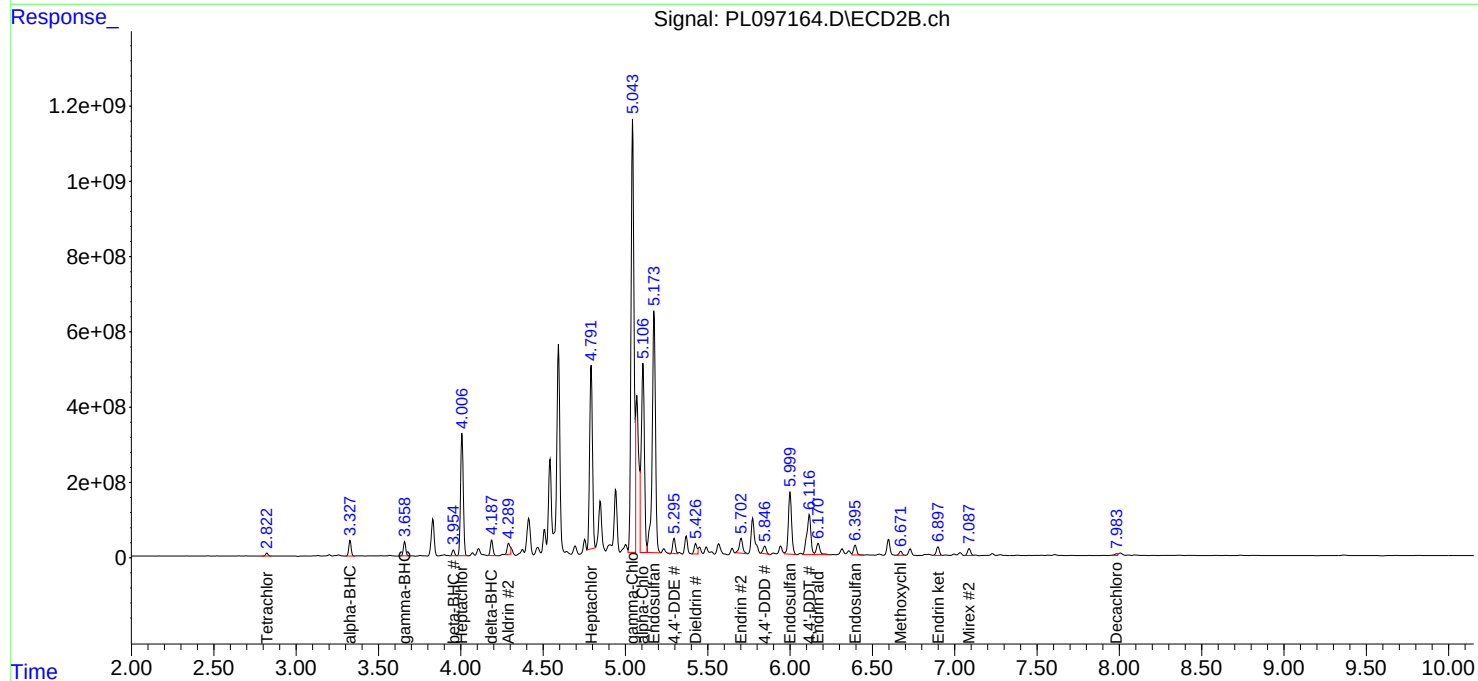
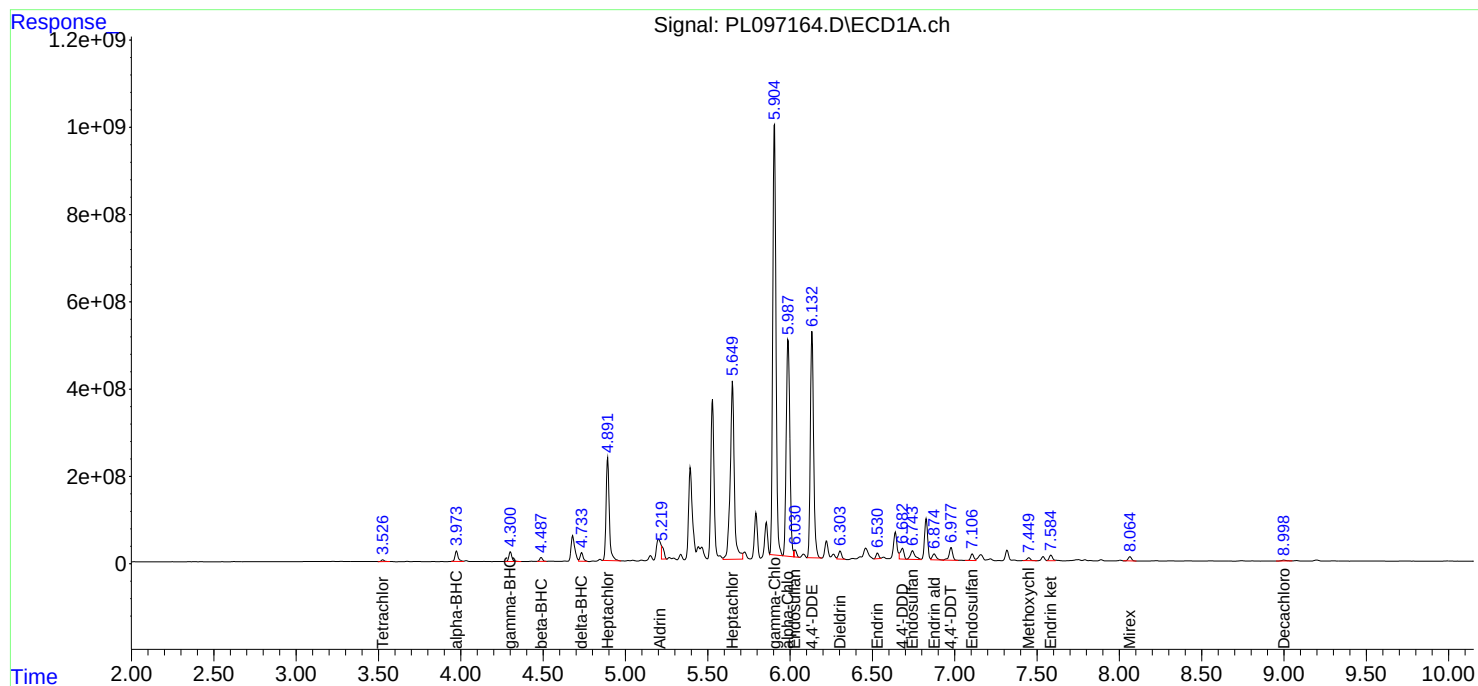
Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

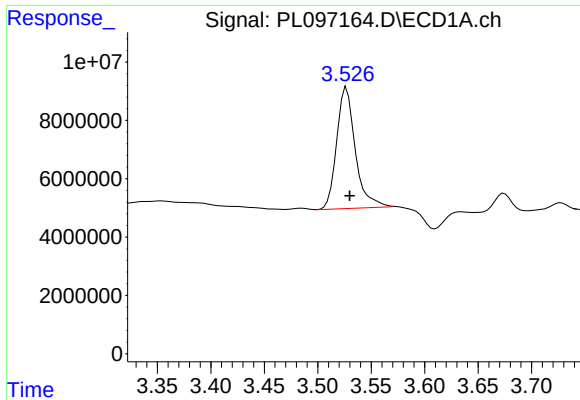
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:23:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





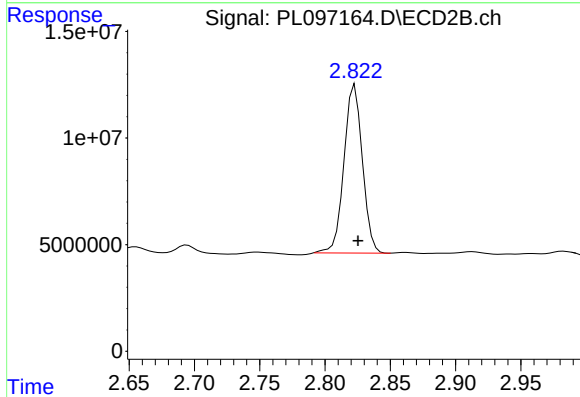
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 50569467
Conc: 12.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

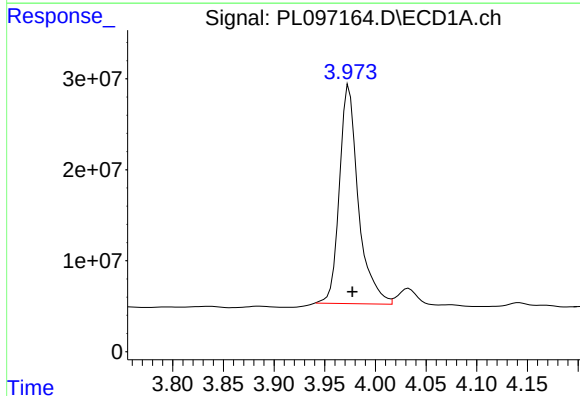
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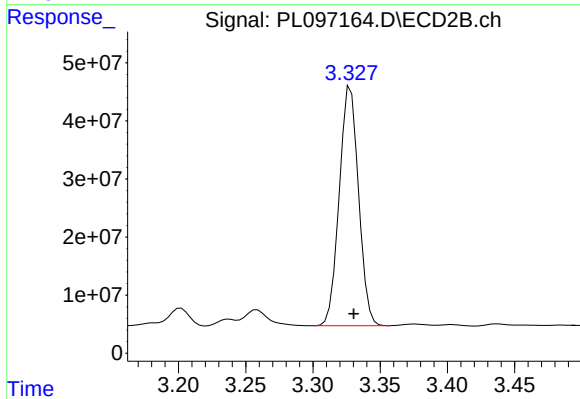
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 77532415
Conc: 13.76 ng/ml



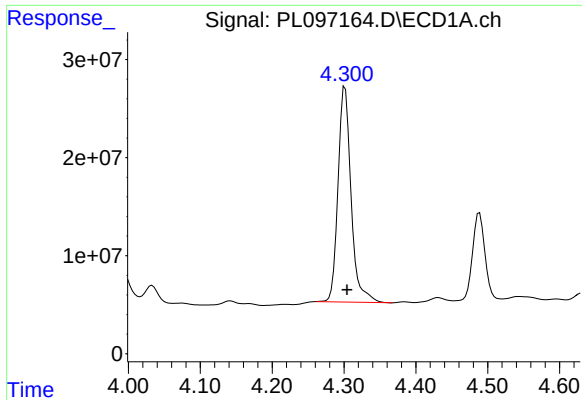
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 311946220
Conc: 53.84 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 410031846
Conc: 49.94 ng/ml



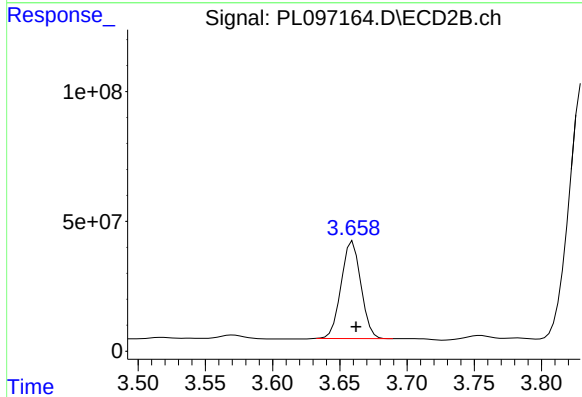
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 277316824
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

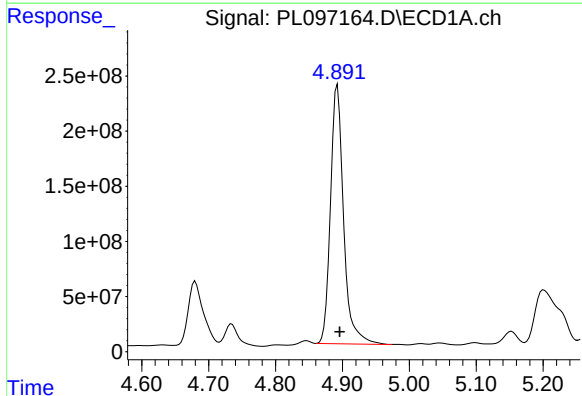
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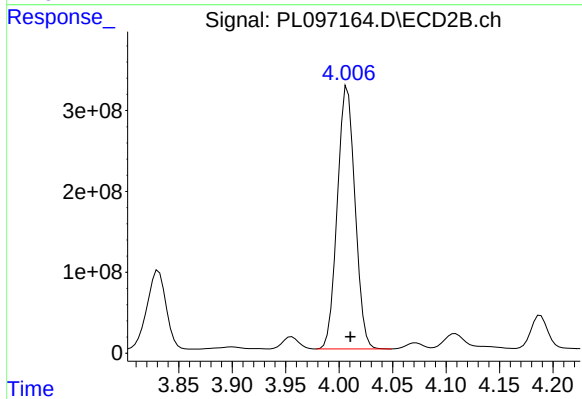
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 382938525
Conc: 51.98 ng/ml



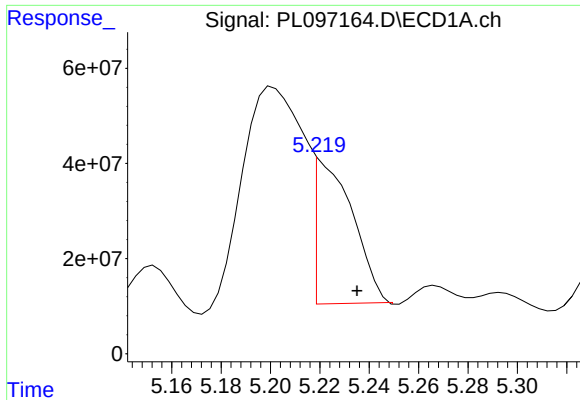
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 3182497237
Conc: 596.83 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.003 min
Response: 3738401857
Conc: 496.85 ng/ml



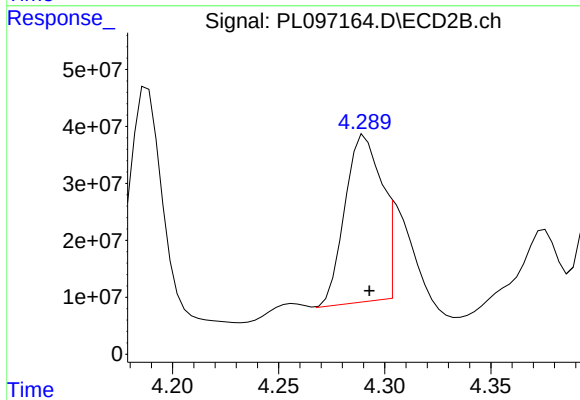
#5 Aldrin

R.T.: 5.219 min
Delta R.T.: -0.016 min
Response: 299328039
Conc: 56.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

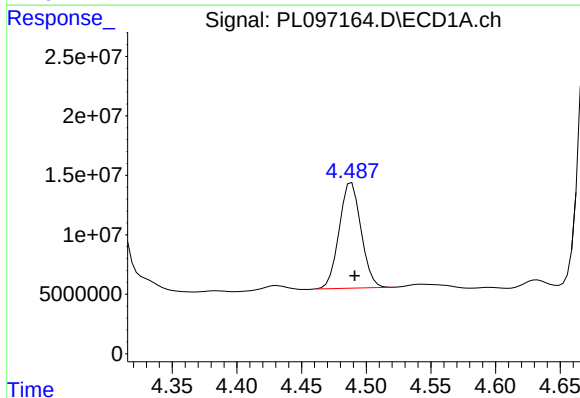
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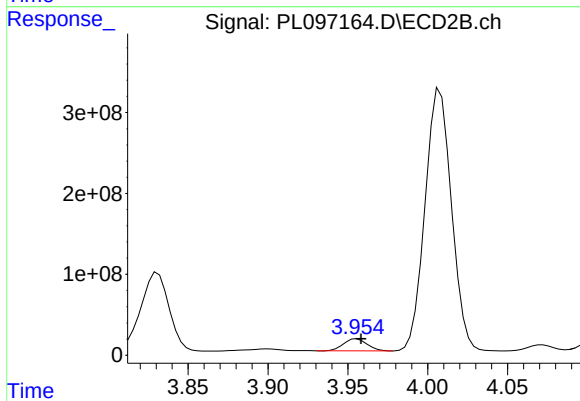
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.003 min
Response: 368053803
Conc: 52.33 ng/ml m



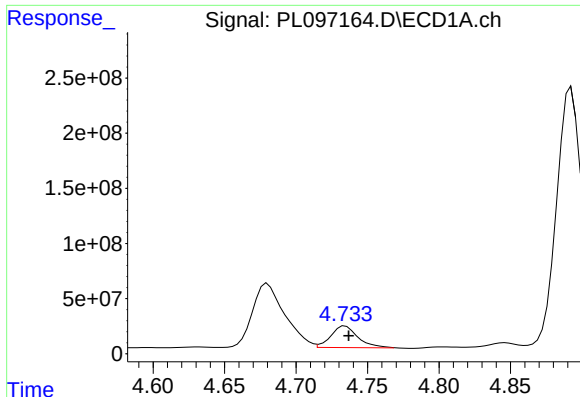
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 104160991
Conc: 45.54 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 152423097
Conc: 46.72 ng/ml



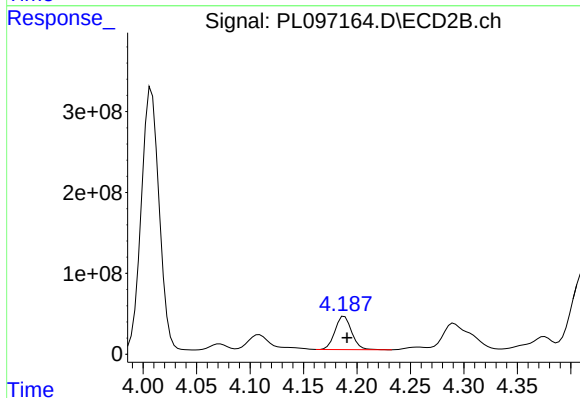
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 255786449
Conc: 56.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

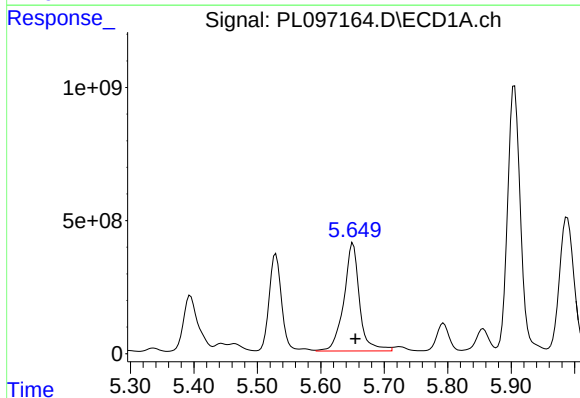
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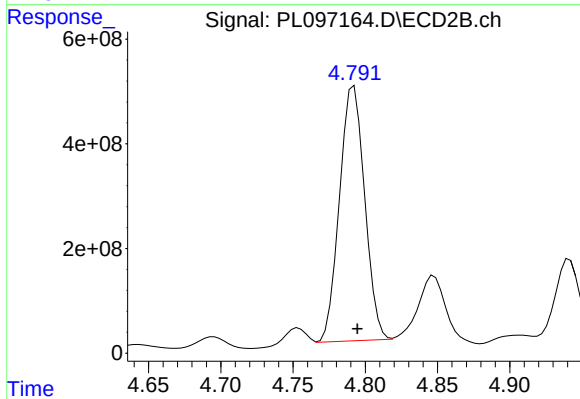
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 447223984
Conc: 60.86 ng/ml



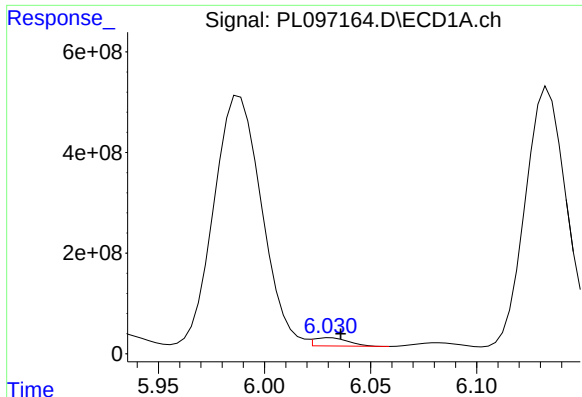
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 6972921609
Conc: 1355.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 5903490505
Conc: 933.36 ng/ml m



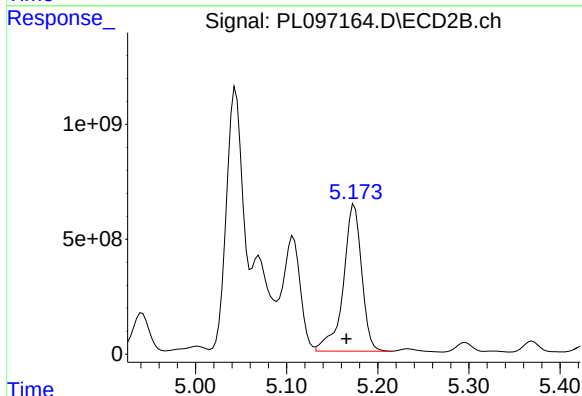
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.005 min
Response: 184622217
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

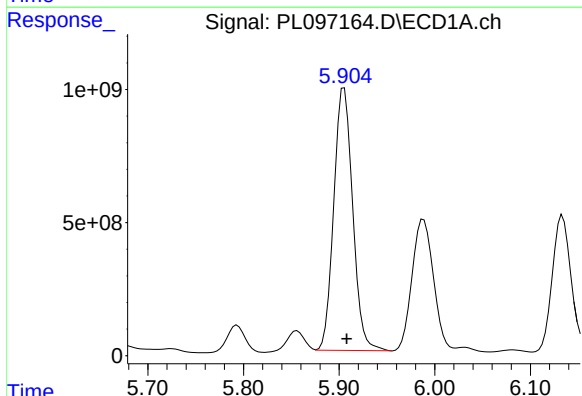
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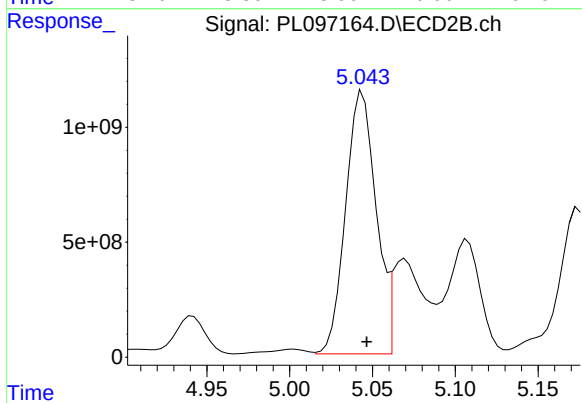
#9 Endosulfan I

R.T.: 5.174 min
Delta R.T.: 0.009 min
Response: 8960765116
Conc: 1495.63 ng/ml



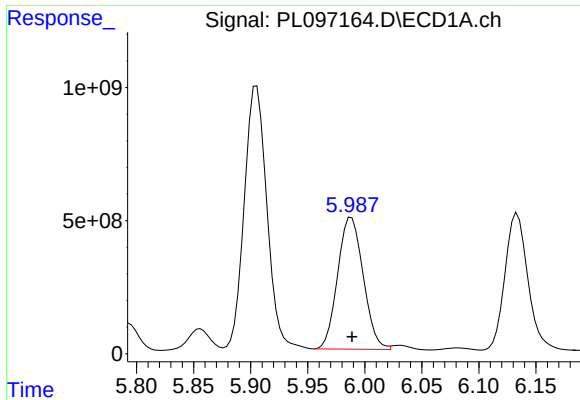
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 13565576205
Conc: 2945.53 ng/ml m



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 14622231473
Conc: 2211.77 ng/ml



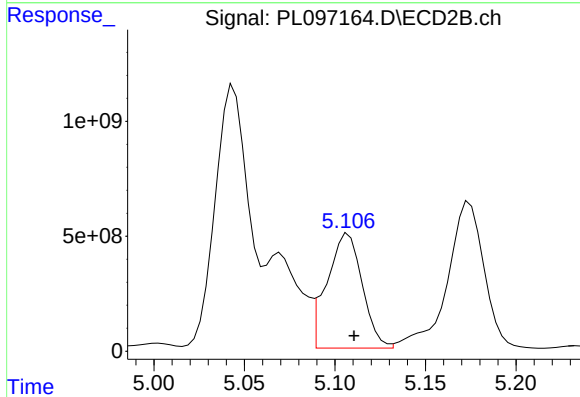
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 7722954961
Conc: 1641.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

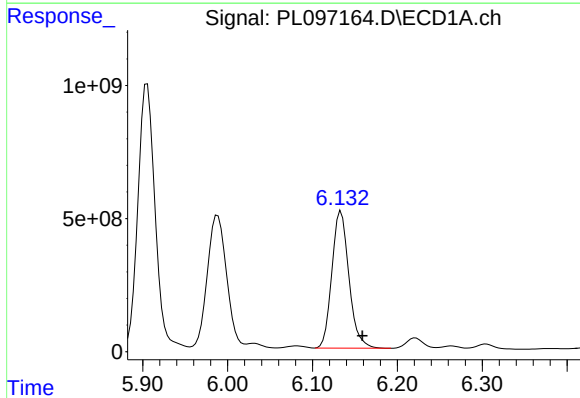
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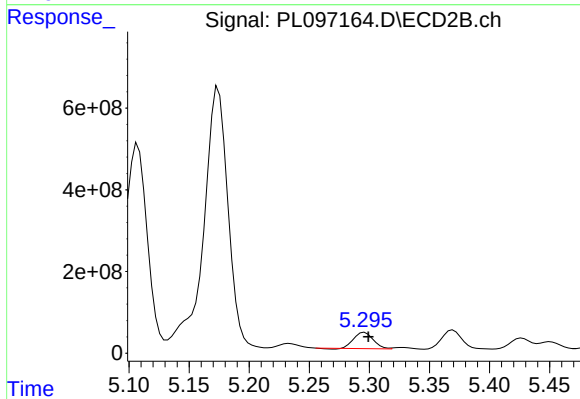
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 6768120034
Conc: 1036.50 ng/ml



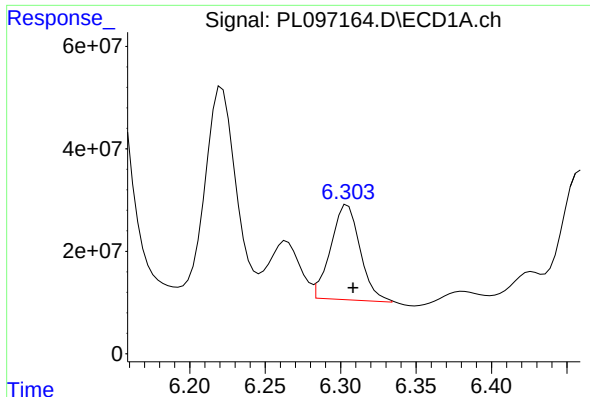
#12 4,4'-DDE

R.T.: 6.134 min
Delta R.T.: -0.025 min
Response: 7191413294
Conc: 1802.30 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 443659954
Conc: 72.08 ng/ml



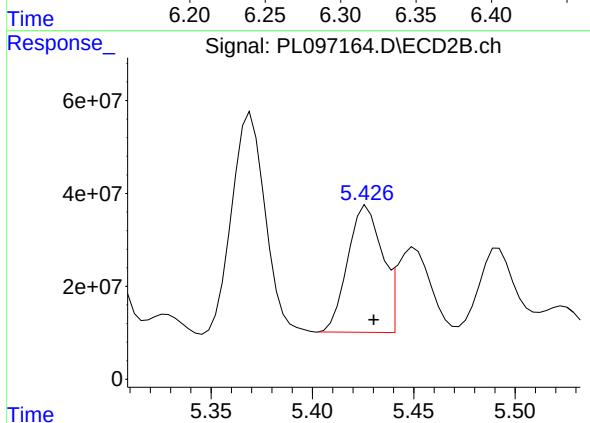
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.005 min
Response: 249092049
Conc: 54.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

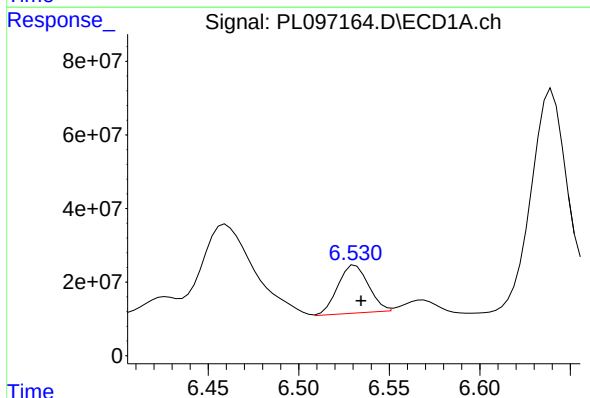
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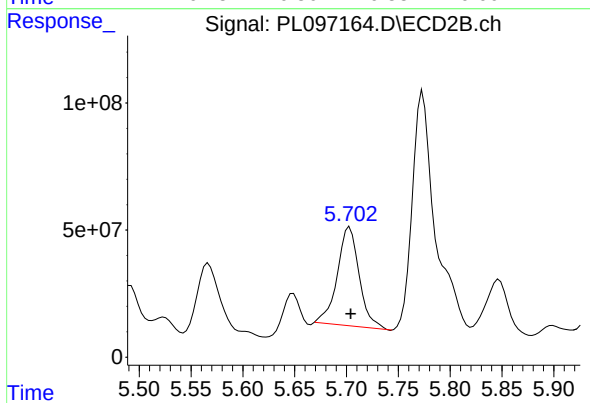
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: -0.003 min
Response: 321646808
Conc: 49.08 ng/ml



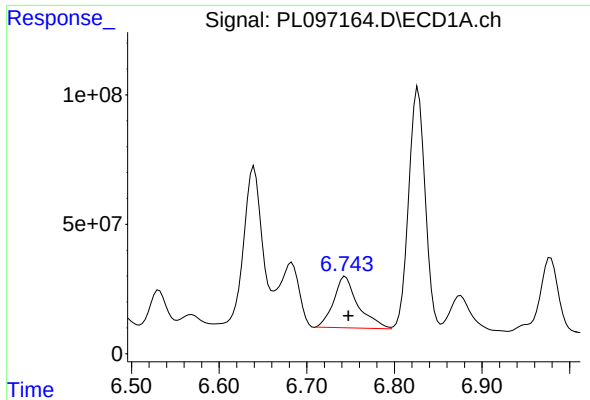
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 154271020
Conc: 41.19 ng/ml m



#14 Endrin

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 567791446
Conc: 96.12 ng/ml



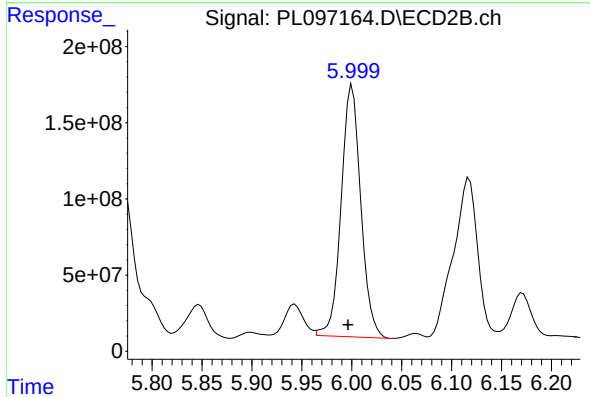
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 385946320
Conc: 87.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

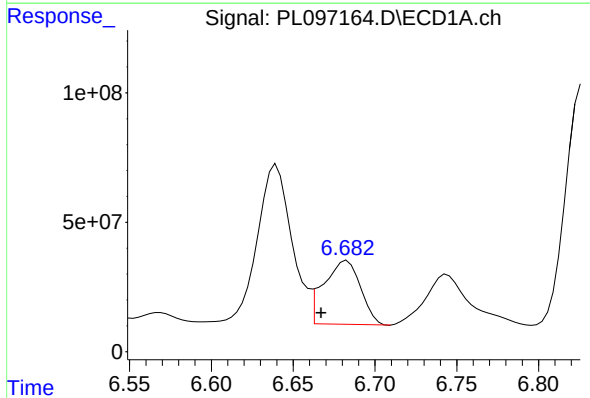
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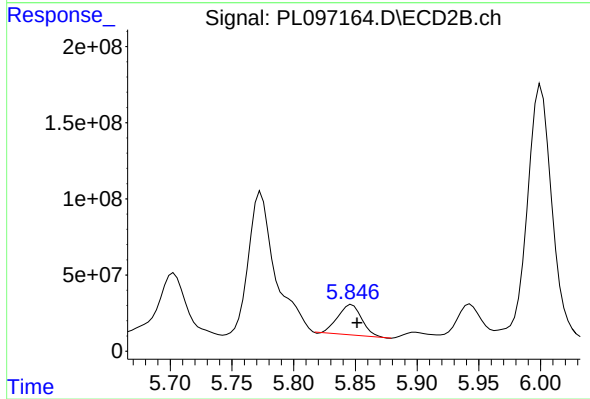
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.004 min
Response: 2267516629
Conc: 396.51 ng/ml



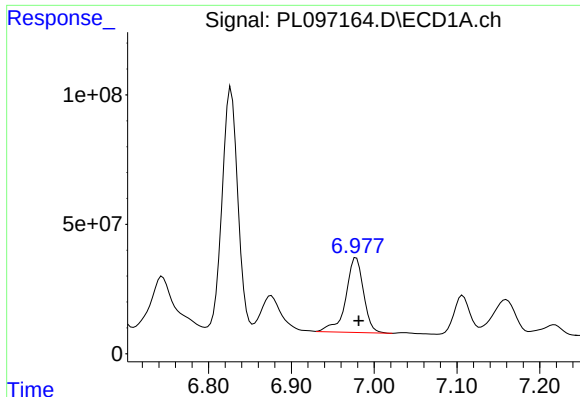
#16 4,4'-DDD

R.T.: 6.683 min
Delta R.T.: 0.016 min
Response: 384333592
Conc: 121.79 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 268914039
Conc: 51.49 ng/ml



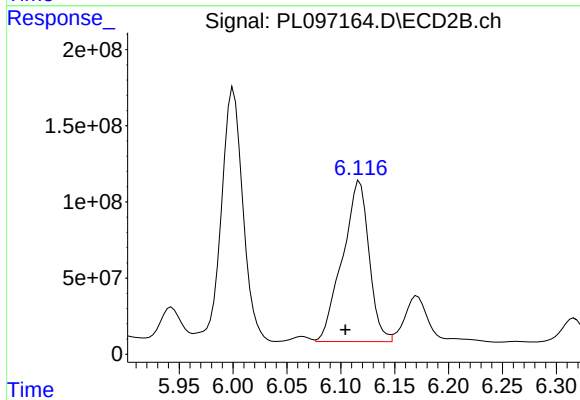
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 430528424
Conc: 122.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

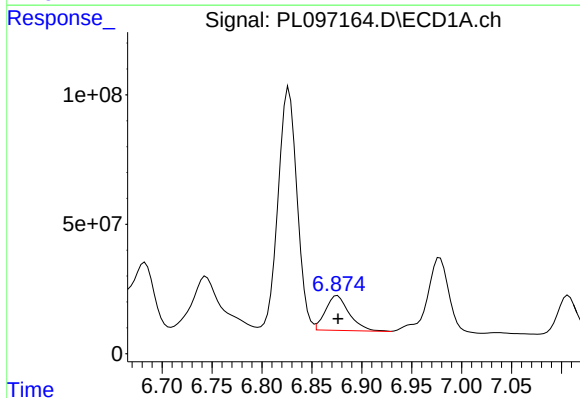
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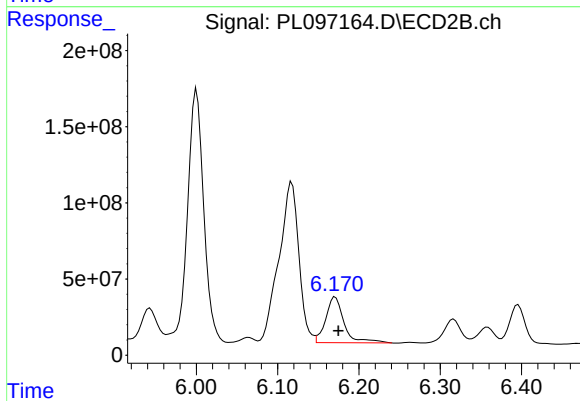
#17 4,4'-DDT

R.T.: 6.118 min
Delta R.T.: 0.013 min
Response: 1808622785
Conc: 330.21 ng/ml



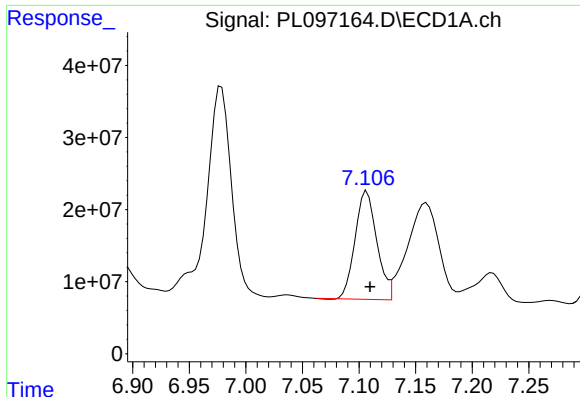
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 222933183
Conc: 85.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 469474358
Conc: 119.21 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 200882986
Conc: 58.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

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#19 Endosulfan Sulfate

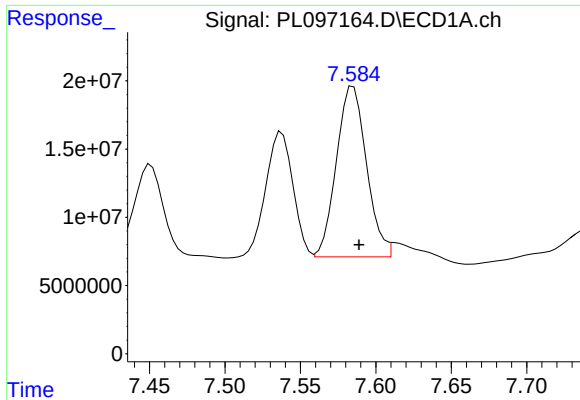
R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 341717902
Conc: 60.99 ng/ml

#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 91626568
Conc: 52.80 ng/ml

#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 131644191
Conc: 43.88 ng/ml



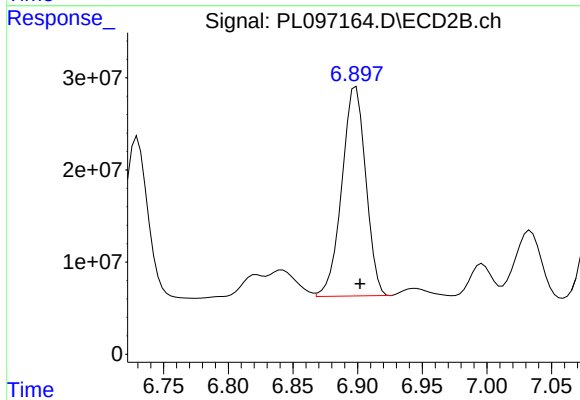
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: -0.005 min
Response: 174582351
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

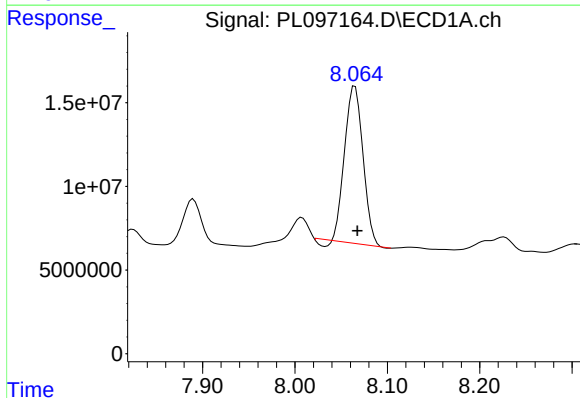
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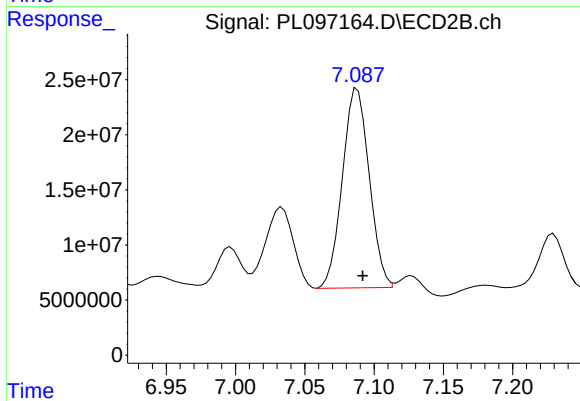
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 291606085
Conc: 46.59 ng/ml



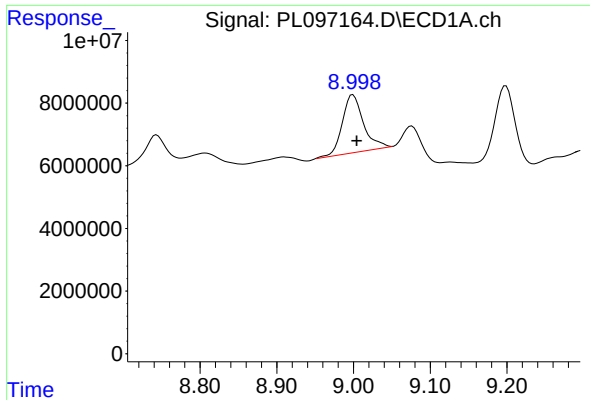
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 128007480
Conc: 42.78 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 244762009
Conc: 50.40 ng/ml m



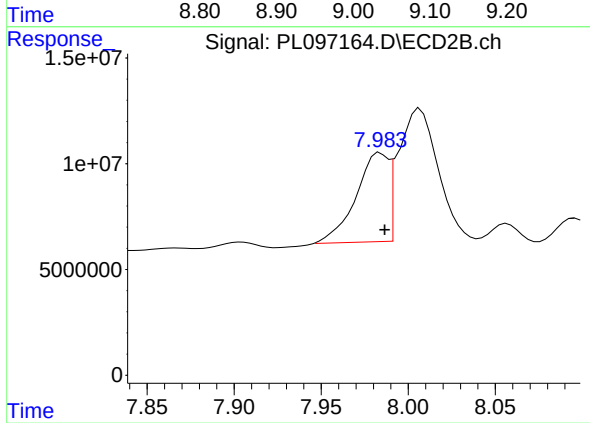
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 35586520
Conc: 12.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.003 min
Response: 54255778
Conc: 11.31 ng/ml