

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 20:35
 Operator : AR\AJ
 Sample : Q3065-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-204MS

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 01:23:10 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	49541574	78089309	12.562m	13.854
2)	SA Decachlor...	9.000	7.982	32175680	58810614	10.868	12.263m
Target Compounds							
2)	A alpha-BHC	3.975	3.329	305.3E6	405.3E6	52.688	49.360
3)	MA gamma-BHC...	4.302	3.660	271.2E6	378.2E6	49.655	51.337
4)	MA Heptachlor	4.893	4.008	3101.5E6	3651.5E6	581.635	485.298
5)	MB Aldrin	5.221	4.289	265.5E6	364.7E6	50.543m	51.858m
6)	B beta-BHC	4.489	3.956	102.8E6	151.2E6	44.947	46.339
7)	B delta-BHC	4.734	4.188	265.8E6	438.2E6	59.075m	59.624
8)	B Heptachlo...	5.652	4.791	6837.9E6	5925.4E6	1328.831	936.819m#
9)	A Endosulfan I	6.032	5.174	179.8E6	8788.1E6	41.844	1466.803 #
10)	B gamma-Chl...	5.905	5.044	13274.4E6	14398.6E6	2882.302m	2177.951
11)	B alpha-Chl...	5.989	5.107	7555.6E6	6721.8E6	1605.569	1029.404 #
12)	B 4,4'-DDE	6.134f	5.296	7002.9E6	436.4E6	1755.066	70.903 #
13)	MA Dieldrin	6.304	5.426	241.1E6	314.3E6	53.099m	47.970
14)	MA Endrin	6.531	5.703	143.6E6	540.5E6	38.358m	91.504 #
15)	B Endosulfa...	6.744	6.000	381.7E6	2235.4E6	86.641	390.885 #
16)	A 4,4'-DDD	6.683f	5.847	376.2E6	259.5E6	119.197	49.692 #
17)	MA 4,4'-DDT	6.978	6.117	421.3E6	1794.4E6	120.294	327.613 #
18)	B Endrin al...	6.876	6.171	218.3E6	466.3E6	83.924	118.375 #
19)	B Endosulfa...	7.107	6.395	198.4E6	337.4E6	57.777	60.211
20)	A Methoxychlor	7.449	6.672	89404580	129.7E6	51.515m	43.246
21)	B Endrin ke...	7.584	6.898	175.0E6	287.8E6	49.220m	45.985
22)	Mirex	8.065	7.087	123.5E6	245.0E6	41.266	50.446m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 20:35
Operator : AR\AJ
Sample : Q3065-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

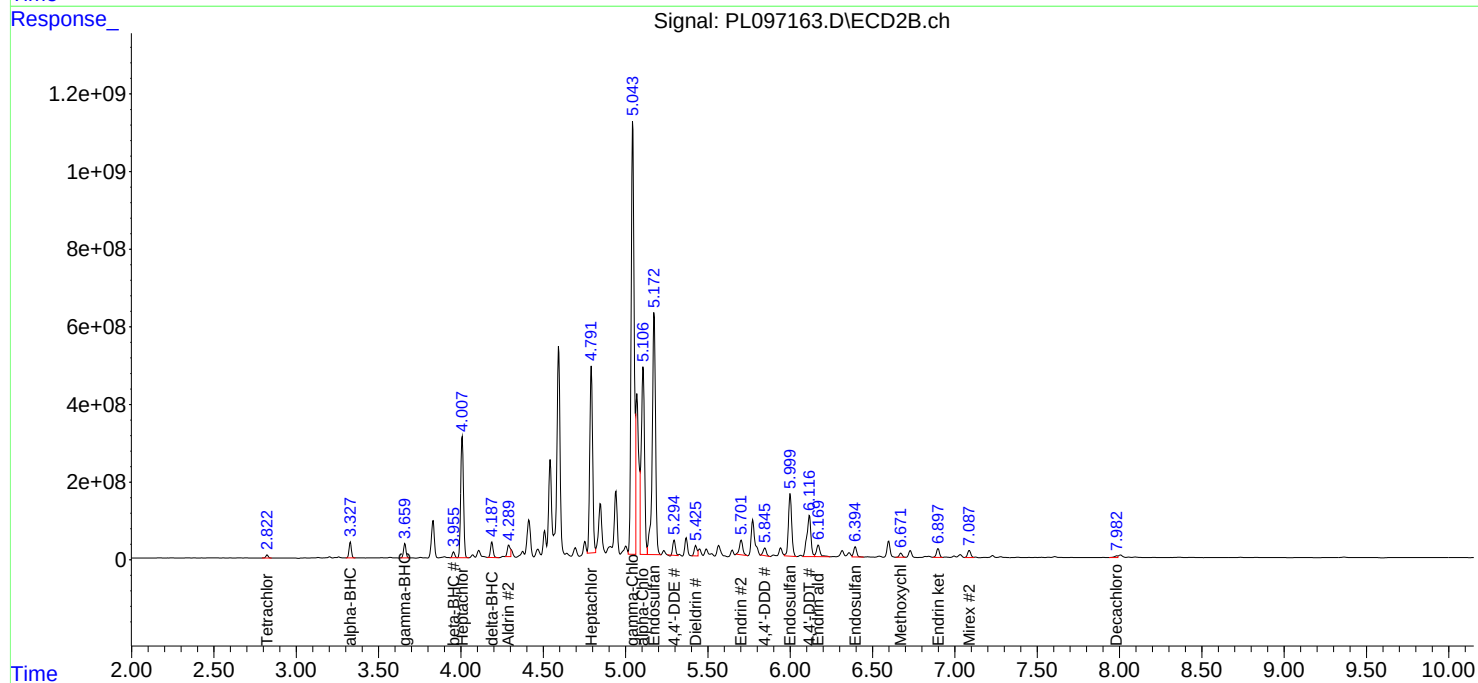
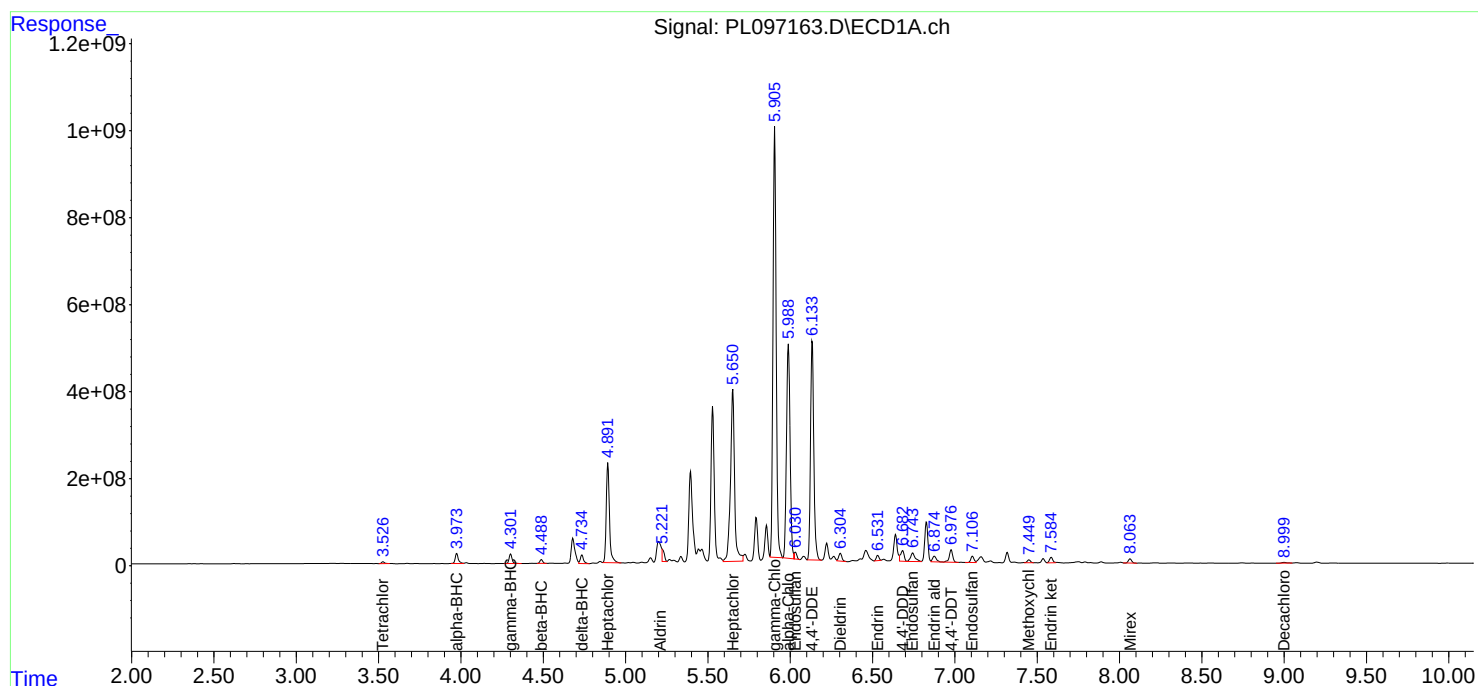
Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

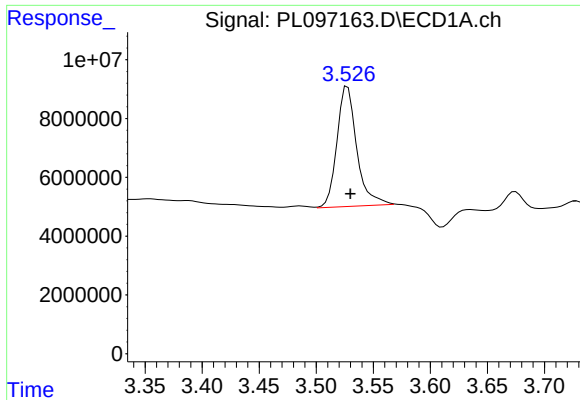
Manual Integrations
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Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:23:10 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





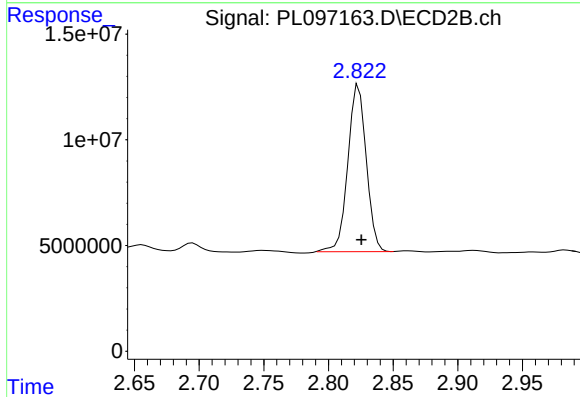
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 49541574
Conc: 12.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

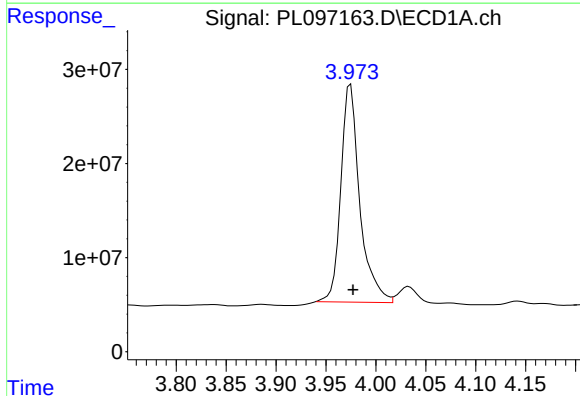
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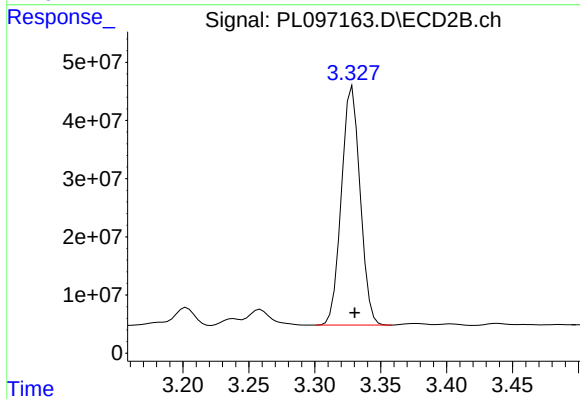
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 78089309
Conc: 13.85 ng/ml



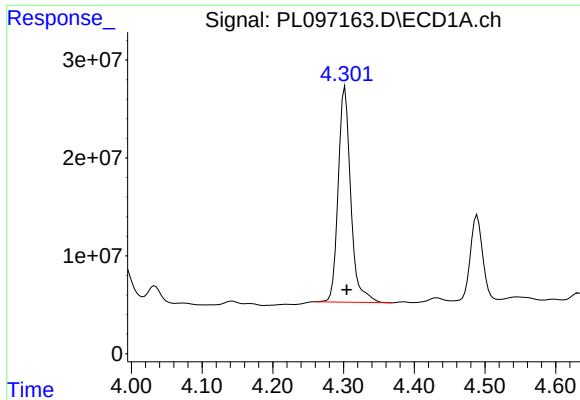
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 305273867
Conc: 52.69 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.002 min
Response: 405309078
Conc: 49.36 ng/ml



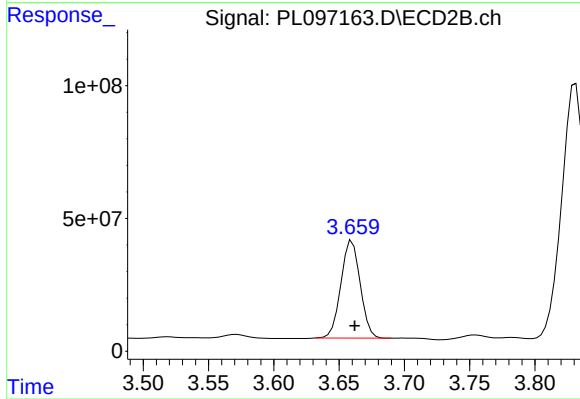
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 271207364
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

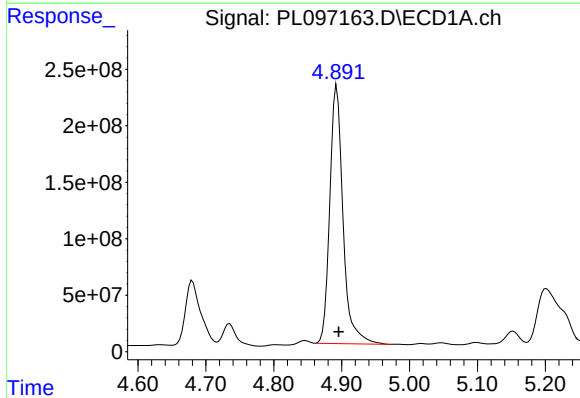
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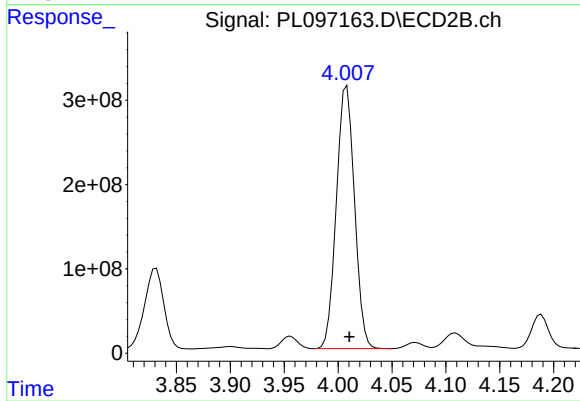
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 378173945
Conc: 51.34 ng/ml



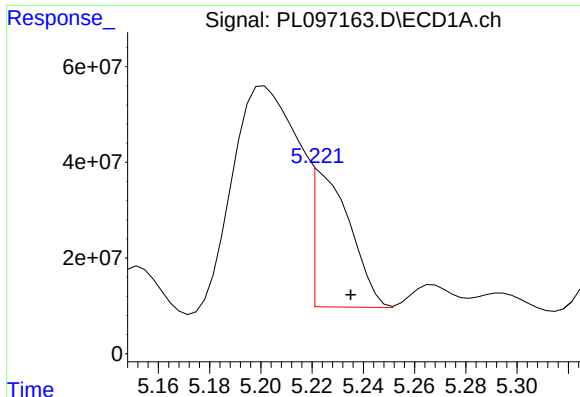
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 3101481317
Conc: 581.63 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 3651478171
Conc: 485.30 ng/ml



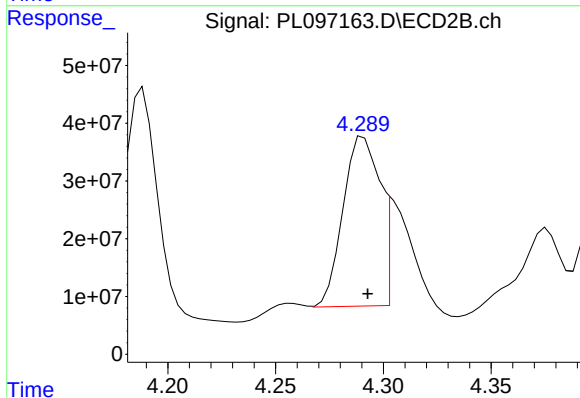
#5 Aldrin

R.T.: 5.221 min
Delta R.T.: -0.014 min
Response: 265526776
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

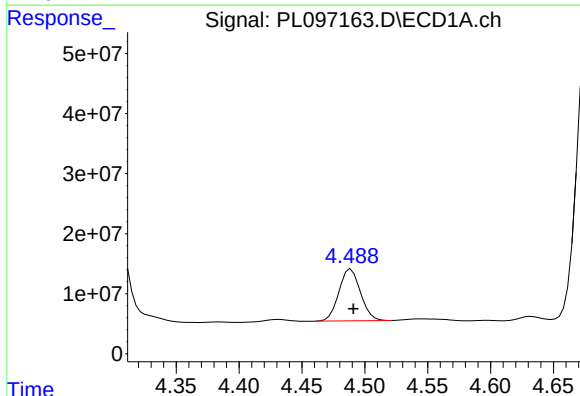
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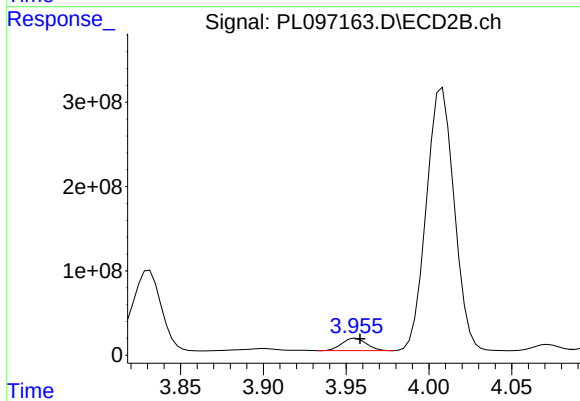
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.003 min
Response: 364709794
Conc: 51.86 ng/ml m



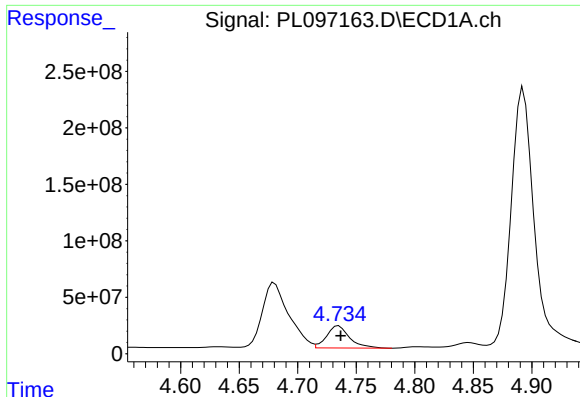
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 102795603
Conc: 44.95 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 151170121
Conc: 46.34 ng/ml



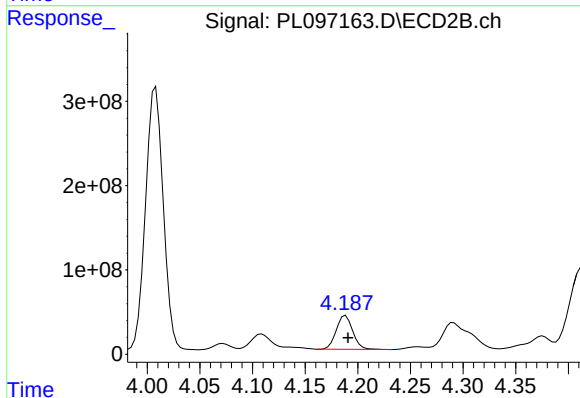
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 265836645
Conc: 59.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

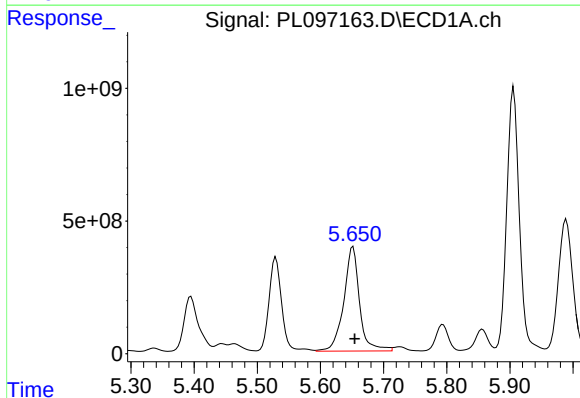
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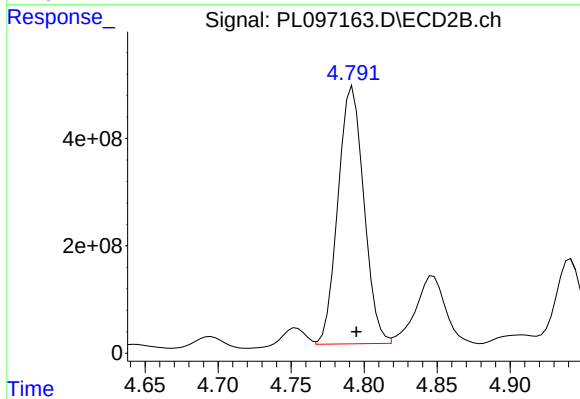
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 438171325
Conc: 59.62 ng/ml



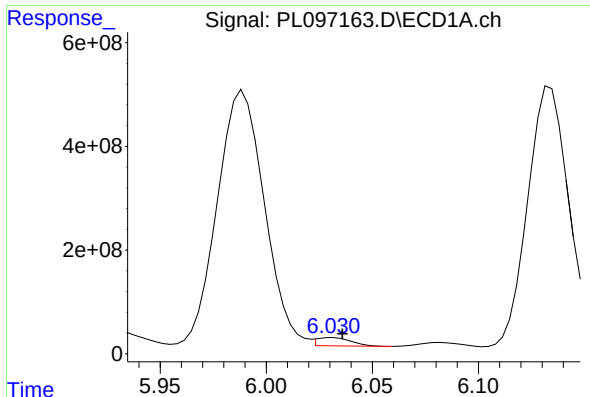
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 6837920975
Conc: 1328.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 5925377202
Conc: 936.82 ng/ml m



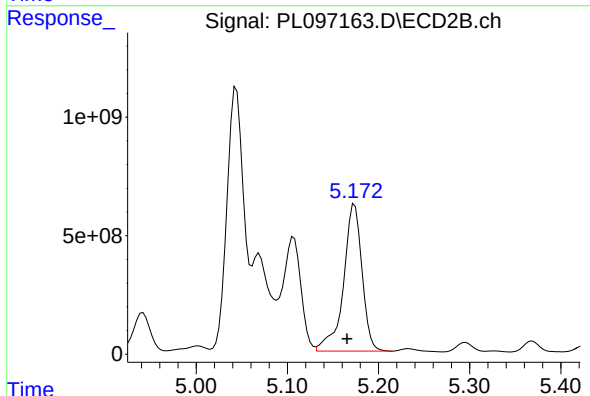
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 179795201
Conc: 41.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

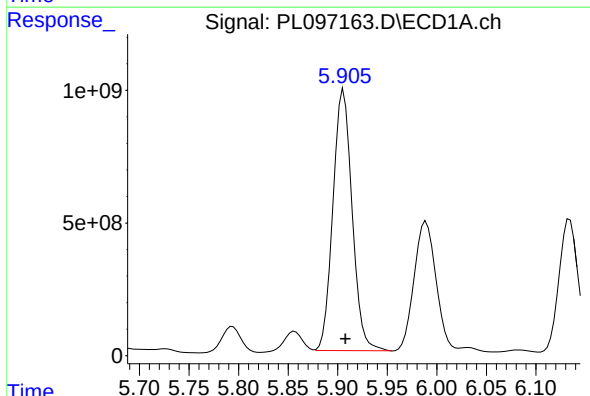
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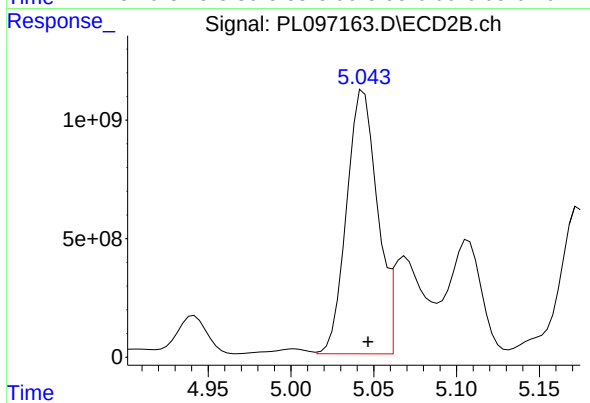
#9 Endosulfan I

R.T.: 5.174 min
Delta R.T.: 0.008 min
Response: 8788059877
Conc: 1466.80 ng/ml



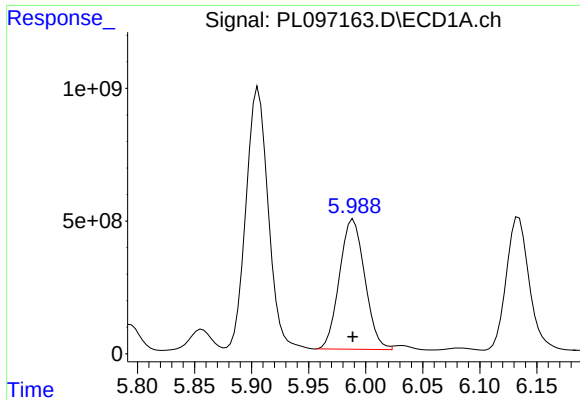
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 13274368990
Conc: 2882.30 ng/ml m



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 14398625038
Conc: 2177.95 ng/ml



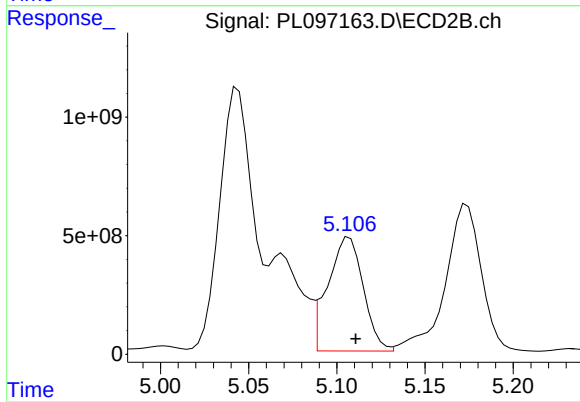
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 7555637907
Conc: 1605.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

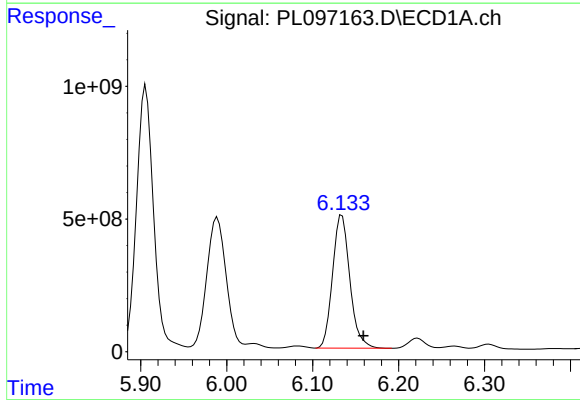
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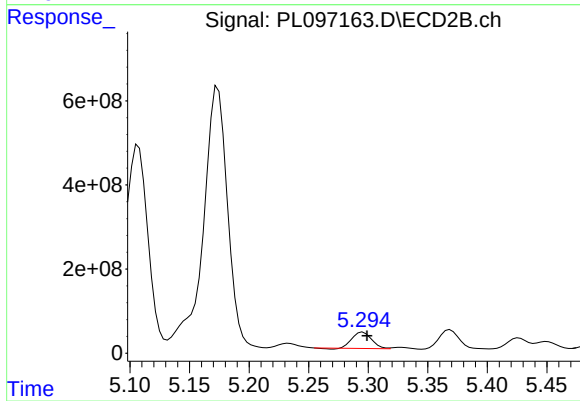
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 6721763933
Conc: 1029.40 ng/ml



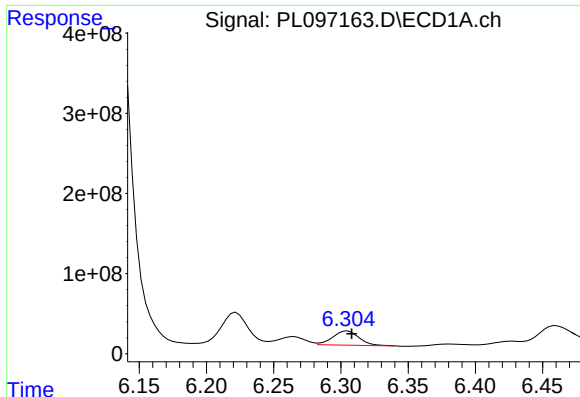
#12 4,4'-DDE

R.T.: 6.134 min
Delta R.T.: -0.025 min
Response: 7002935265
Conc: 1755.07 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 436387537
Conc: 70.90 ng/ml



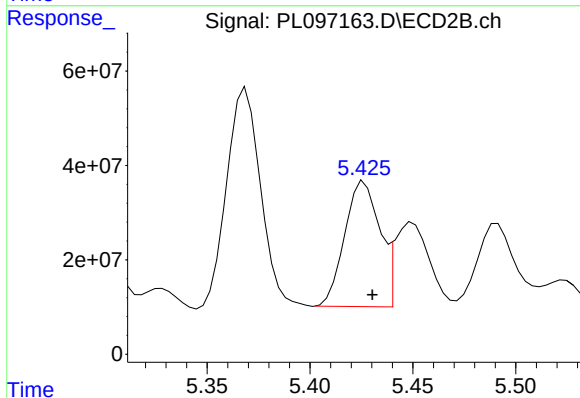
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.005 min
Response: 241113729
Conc: 53.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

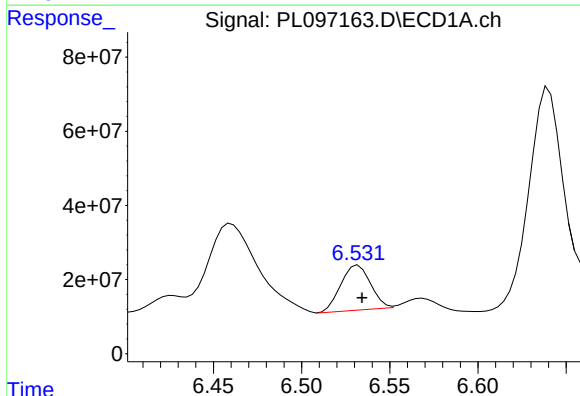
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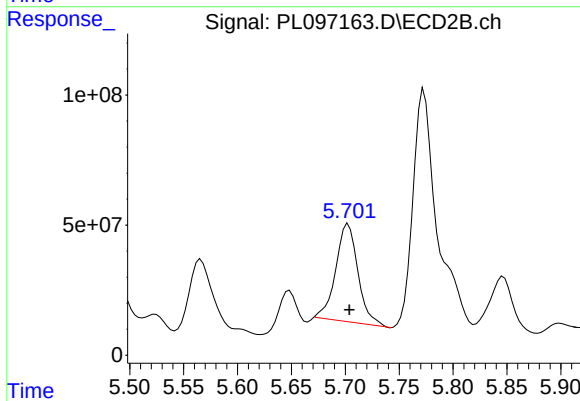
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.004 min
Response: 314347022
Conc: 47.97 ng/ml



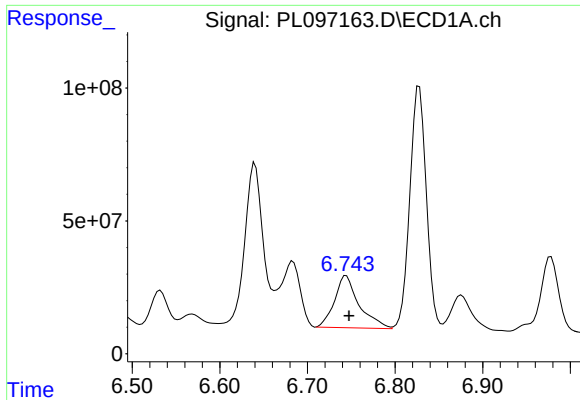
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 143647094
Conc: 38.36 ng/ml m



#14 Endrin

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 540529069
Conc: 91.50 ng/ml



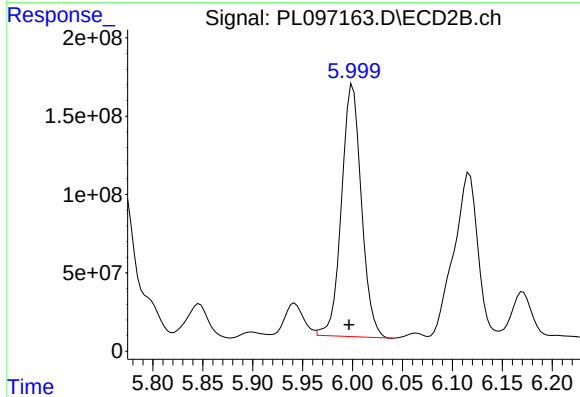
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 381659332
Conc: 86.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

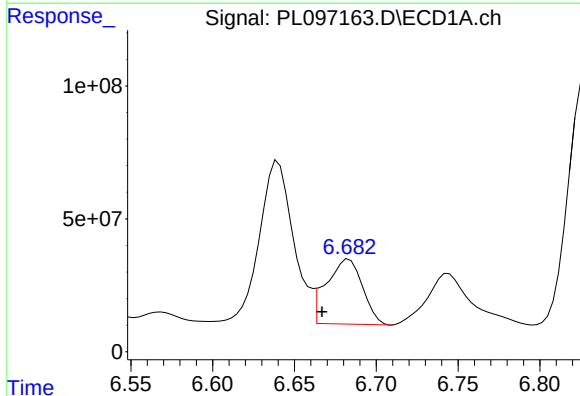
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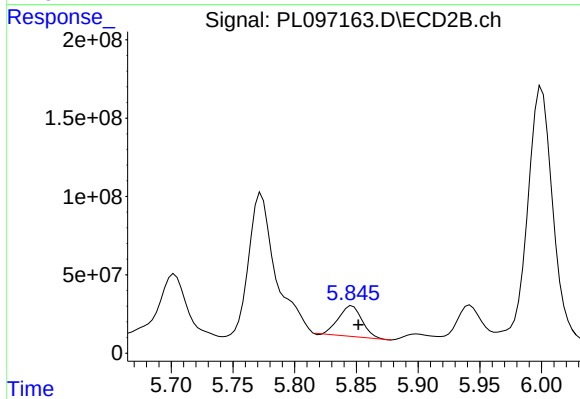
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.004 min
Response: 2235364032
Conc: 390.88 ng/ml



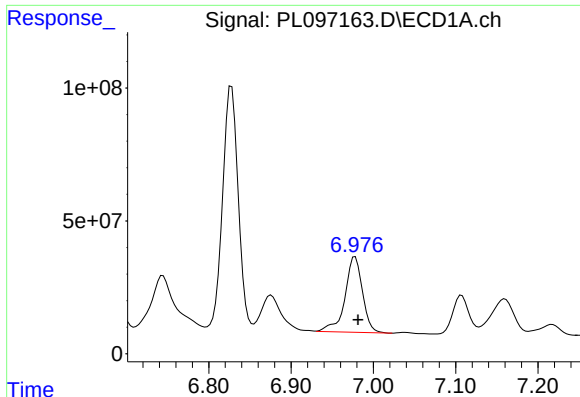
#16 4,4'-DDD

R.T.: 6.683 min
Delta R.T.: 0.016 min
Response: 376161991
Conc: 119.20 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 259510352
Conc: 49.69 ng/ml



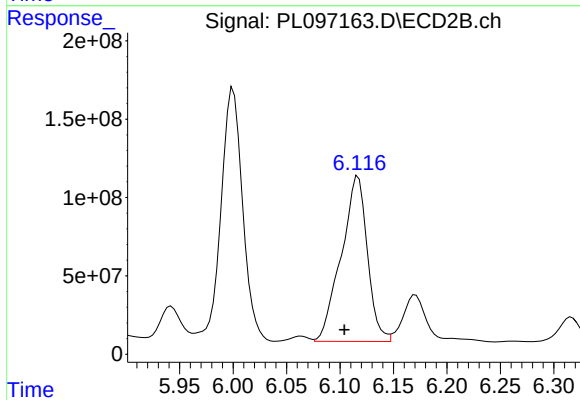
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 421322606
Conc: 120.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

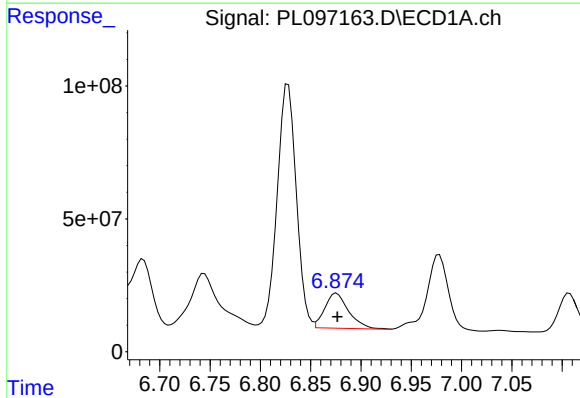
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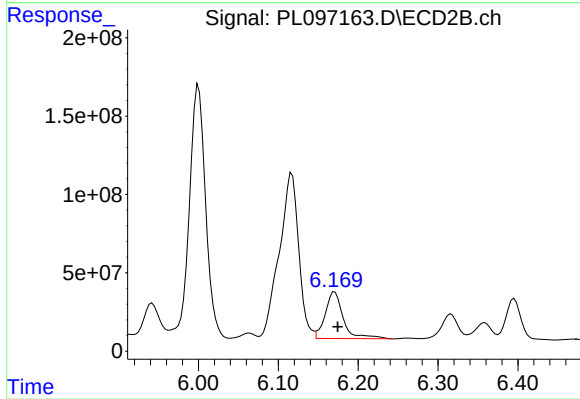
#17 4,4'-DDT

R.T.: 6.117 min
Delta R.T.: 0.013 min
Response: 1794421125
Conc: 327.61 ng/ml



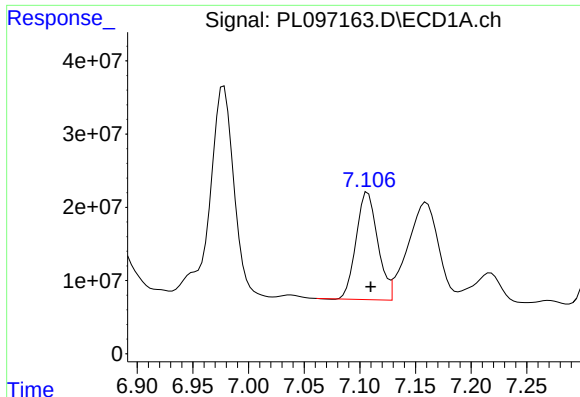
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 218323603
Conc: 83.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 466323057
Conc: 118.38 ng/ml



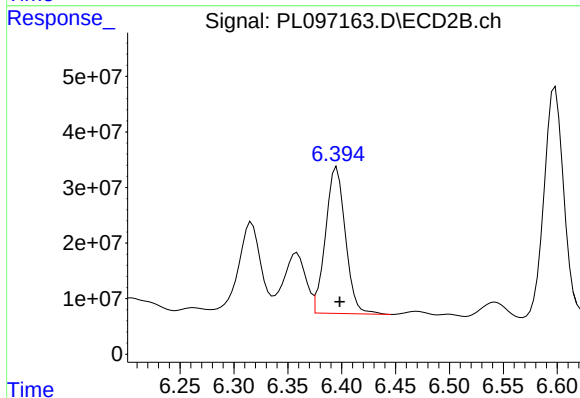
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 198370184
Conc: 57.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

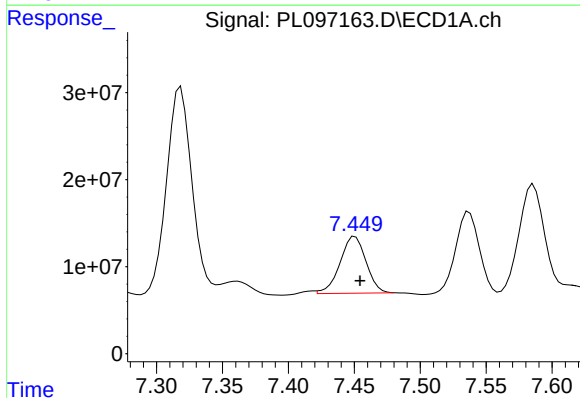
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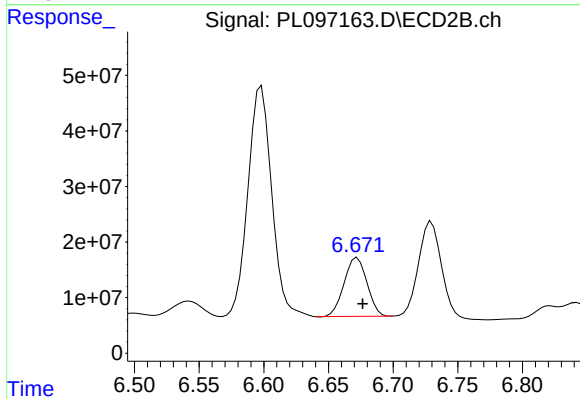
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 337358659
Conc: 60.21 ng/ml



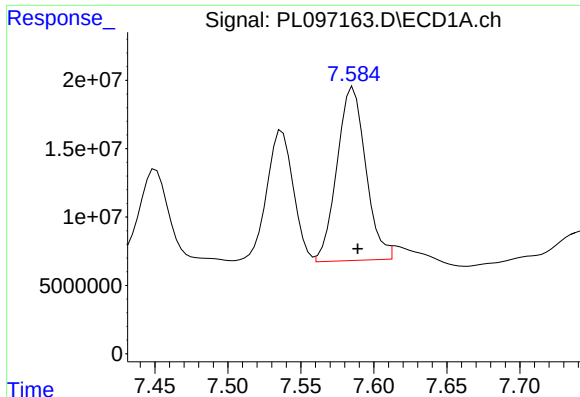
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.005 min
Response: 89404580
Conc: 51.52 ng/ml m



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 129729100
Conc: 43.25 ng/ml



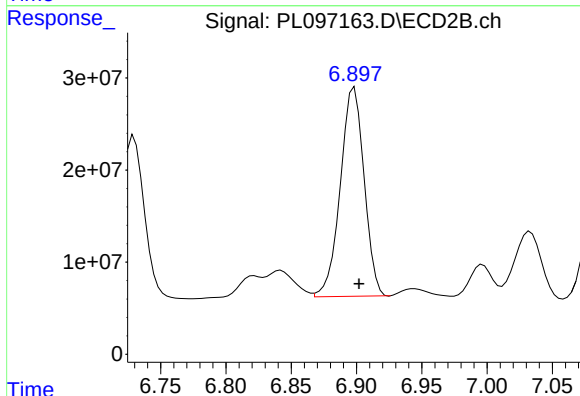
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: -0.005 min
Response: 174991939
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

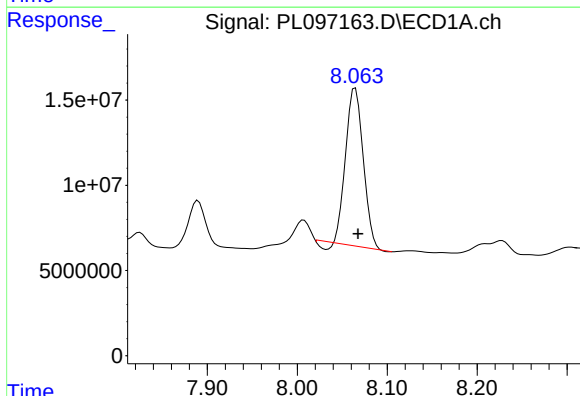
Manual Integrations
APPROVED

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



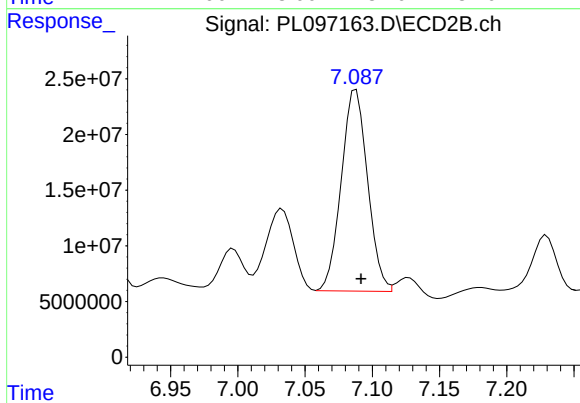
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 287819083
Conc: 45.99 ng/ml



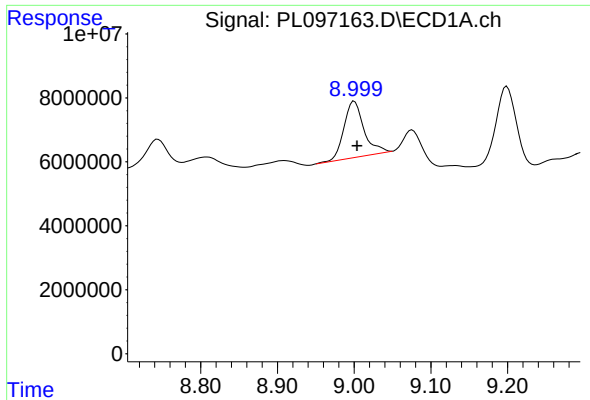
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 123462356
Conc: 41.27 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 244996095
Conc: 50.45 ng/ml m



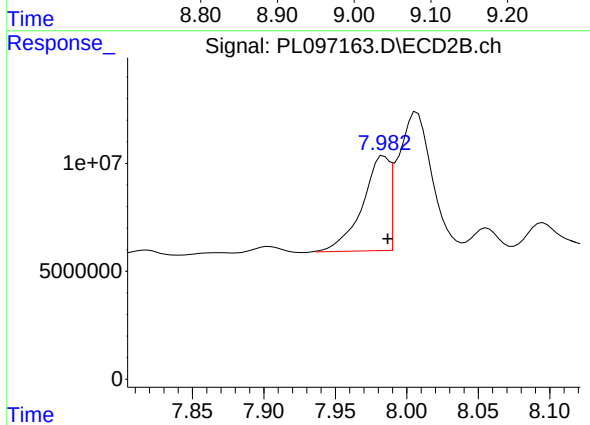
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 32175680
Conc: 10.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MS

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



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 58810614
Conc: 12.26 ng/ml m