

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090325\
 Data File : PD090135.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 03:24
 Operator : AR\AJ
 Sample : Q3003-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-231MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 05:31:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.876	57768053	460.8E6	19.684	20.898m
28)	SA Decachlor...	9.070	8.065	98176765	550.1E6	22.747m	21.252
Target Compounds							
2)	A alpha-BHC	3.998	3.389	295.2E6	1816.7E6	49.183	53.528
3)	MA gamma-BHC...	4.329	3.725	290.4E6	1530.7E6	50.710	49.107
4)	MA Heptachlor	4.927	4.078	364.1E6	1903.1E6	64.914	61.013
5)	MB Aldrin	5.260	4.362	303.1E6	1483.0E6	55.975m	48.695m
6)	B beta-BHC	4.516	4.033	95969371	2002.8E6	42.786	150.249 #
7)	B delta-BHC	4.764	4.258	237.8E6	1375.7E6	45.936	43.604
8)	B Heptachlo...	5.689	4.868	946.1E6	3668.6E6	192.820	132.465 #
9)	A Endosulfan I	6.070	5.241	240.6E6	1034.1E6	52.129	39.436
10)	B gamma-Chl...	5.945	5.124	4316.1E6	13775.8E6	882.455	465.222 #
11)	B alpha-Chl...	6.027	5.183	6071.5E6	15617.6E6	1233.432	547.256 #
12)	B 4,4'-DDE	6.189	5.370	507.2E6	1565.7E6	115.576	54.320 #
13)	MA Dieldrin	6.345	5.506	273.4E6	1535.3E6	55.834	52.423
14)	MA Endrin	6.572	5.784	163.4E6	1441.0E6	39.436	54.109 #
15)	B Endosulfa...	6.786	6.083	253.7E6	6416.2E6	60.127	253.658 #
16)	A 4,4'-DDD	6.696	5.922	146.4E6	1089.9E6	42.335m	45.329m
17)	MA 4,4'-DDT	7.020	6.178	223.0E6	1572.7E6	58.539	62.735
18)	B Endrin al...	6.915	6.253	194.6E6	1066.8E6	67.889	61.952
19)	B Endosulfa...	7.150	6.477	210.2E6	1081.9E6	53.634	44.377
20)	A Methoxychlor	7.494	6.748	99993986	518.3E6	49.857	40.189
21)	B Endrin ke...	7.629	6.985	186.9E6	1068.6E6	45.087	40.105
22)	Mirex	8.110	7.177	145.4E6	885.9E6	46.094m	42.889m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090325\
Data File : PD090135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 03:24
Operator : AR\AJ
Sample : Q3003-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

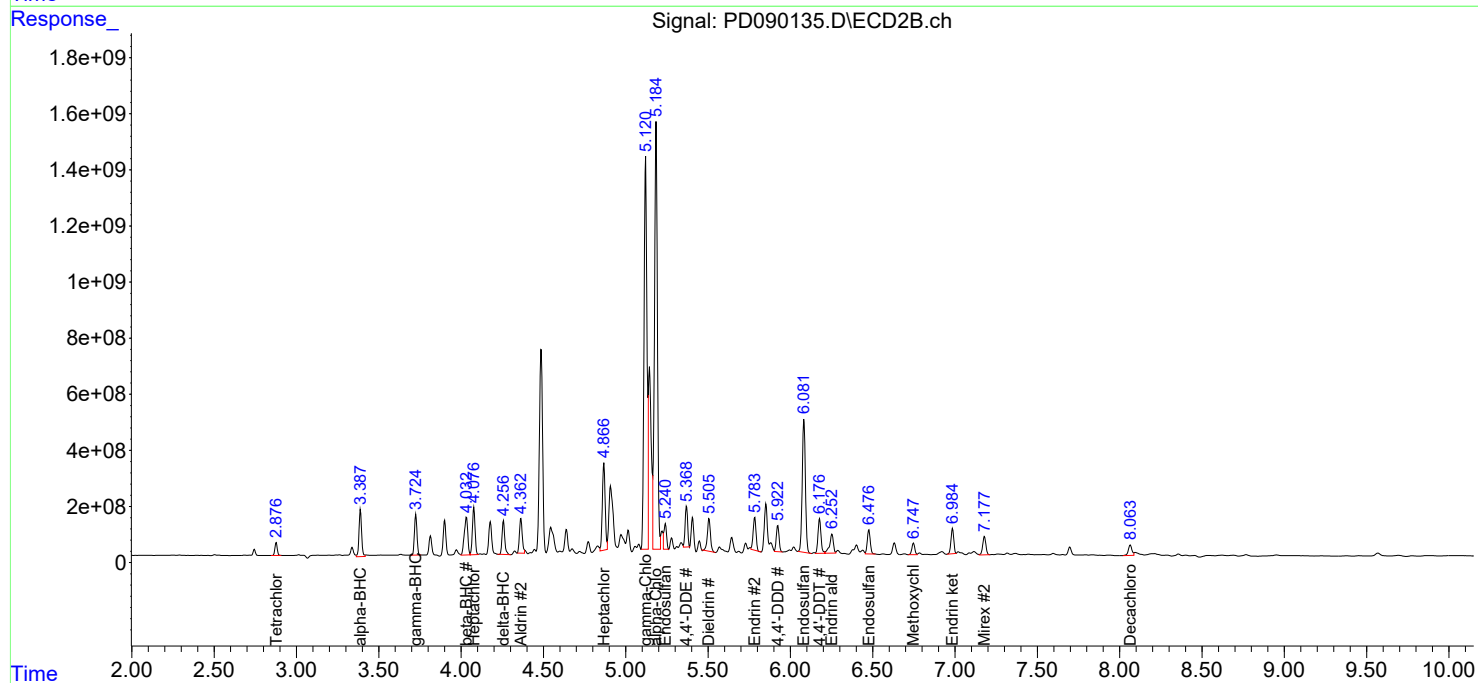
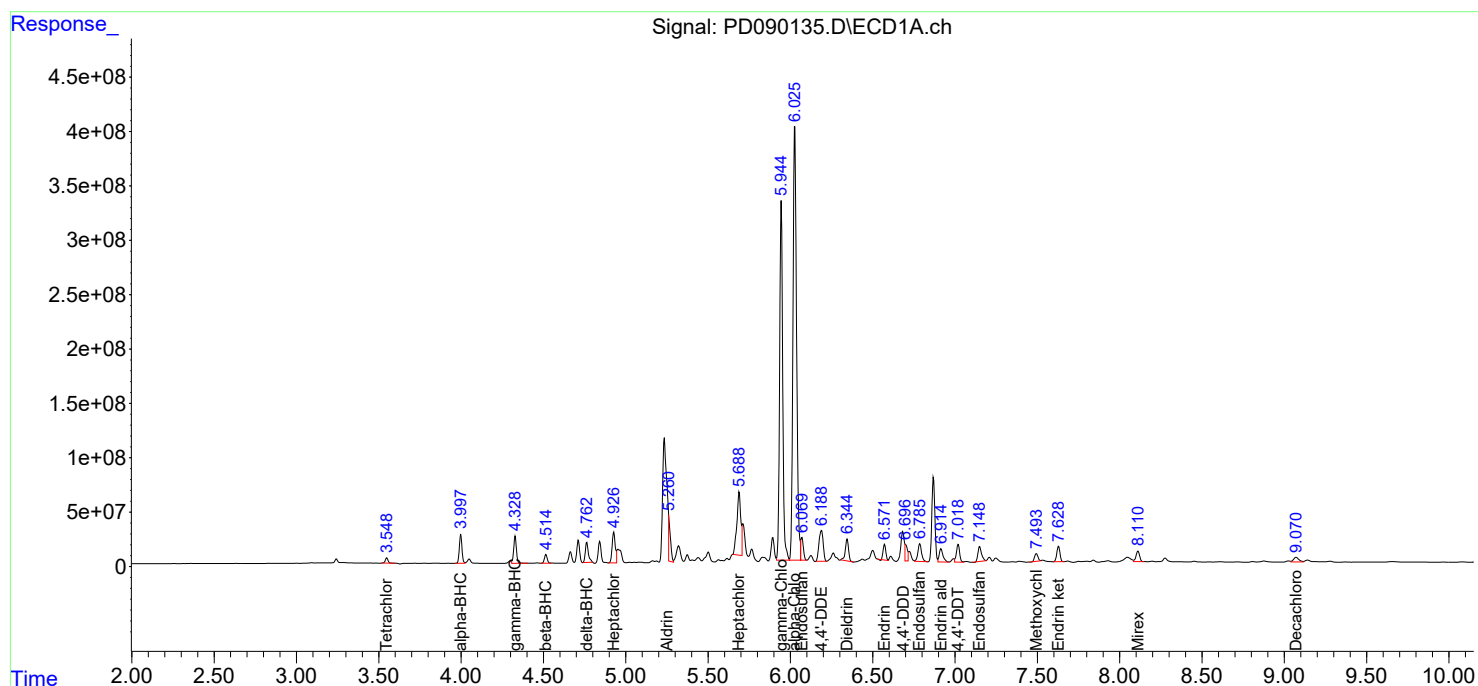
Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

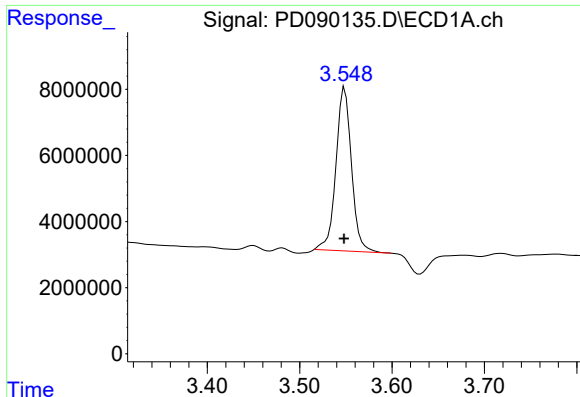
Manual Integrations
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Supervised By : mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 04 05:31:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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 x 0.25µm





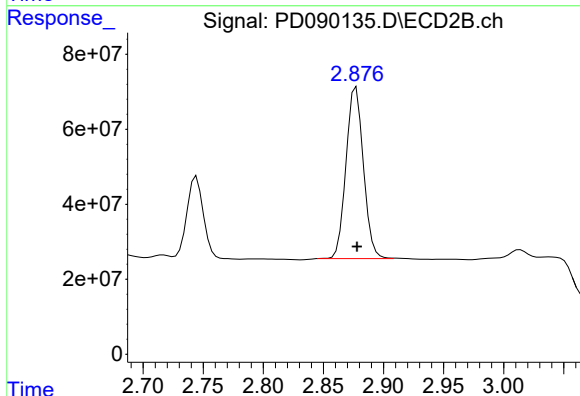
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 57768053
Conc: 19.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

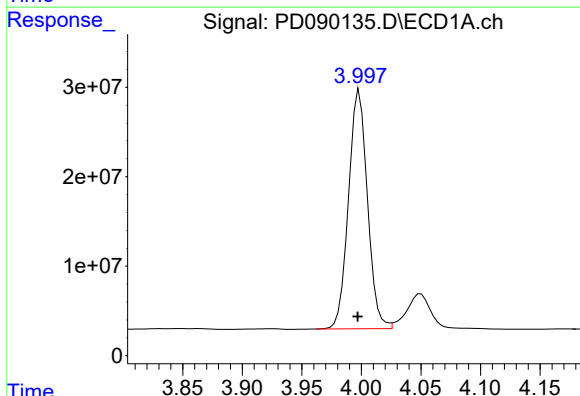
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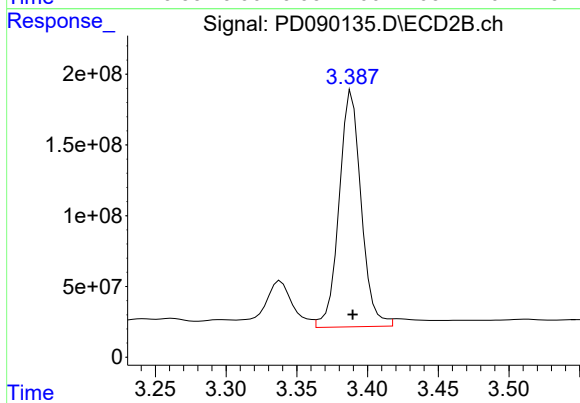
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 460806917
Conc: 20.90 ng/ml m



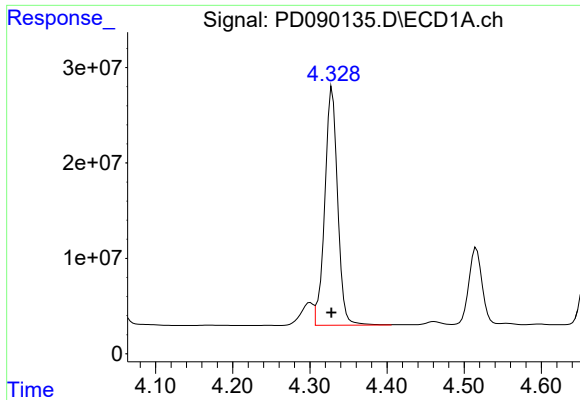
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 295208562
Conc: 49.18 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1816693473
Conc: 53.53 ng/ml



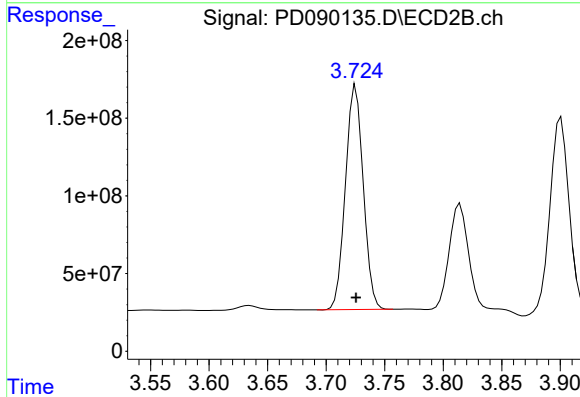
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 290406693
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

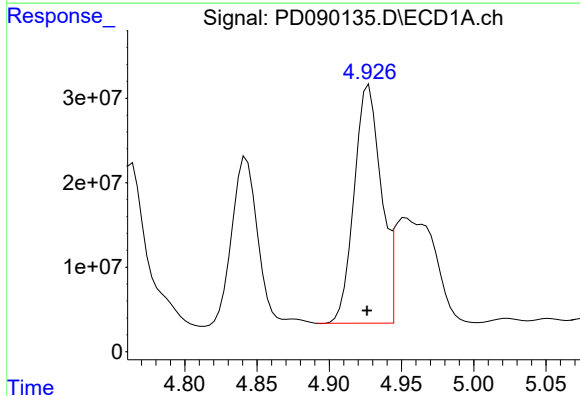
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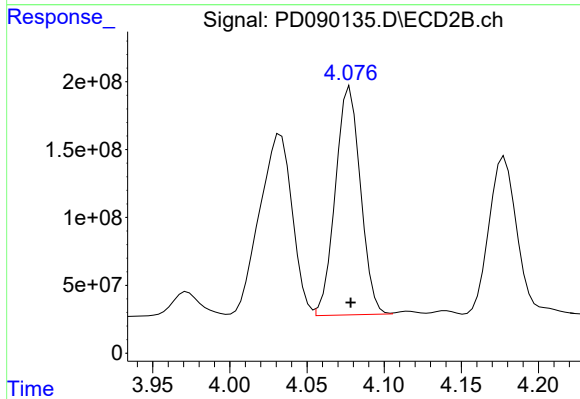
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1530695425
Conc: 49.11 ng/ml



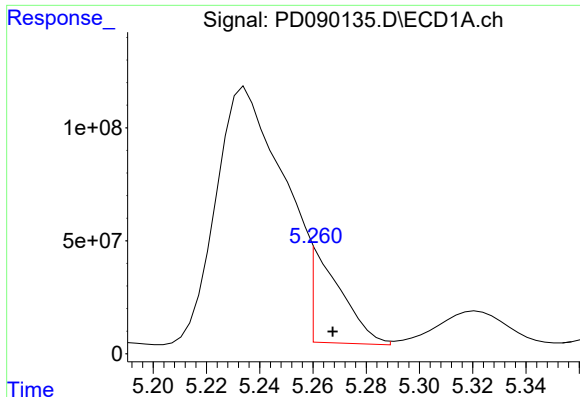
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 364111321
Conc: 64.91 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1903085799
Conc: 61.01 ng/ml



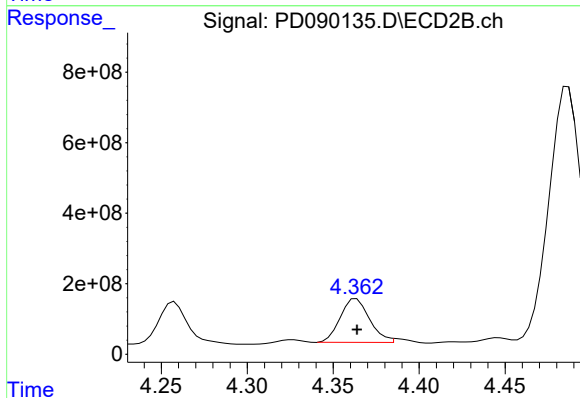
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.007 min
Response: 303075815
Conc: 55.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

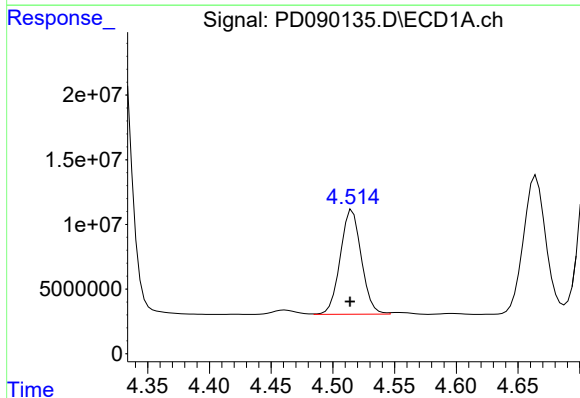
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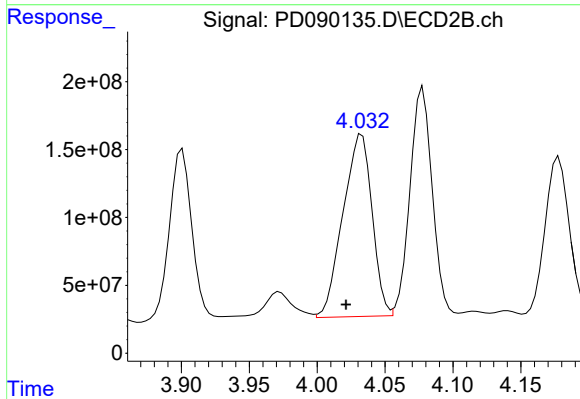
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1483034893
Conc: 48.69 ng/ml m



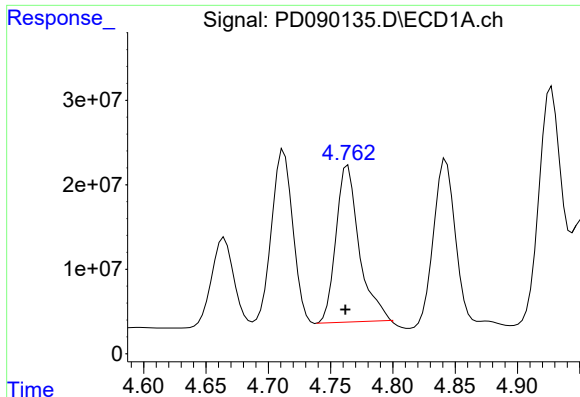
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 95969371
Conc: 42.79 ng/ml



#6 beta-BHC

R.T.: 4.033 min
Delta R.T.: 0.012 min
Response: 2002847088
Conc: 150.25 ng/ml



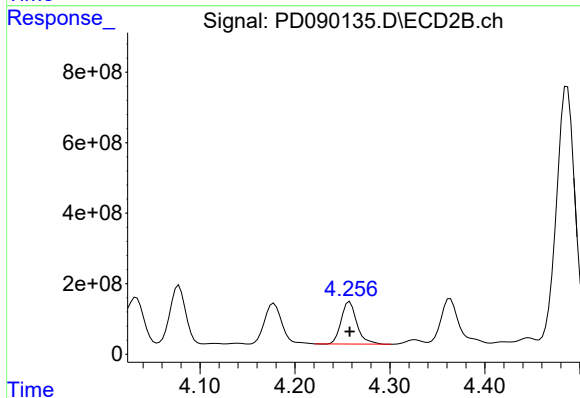
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 237841736
Conc: 45.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

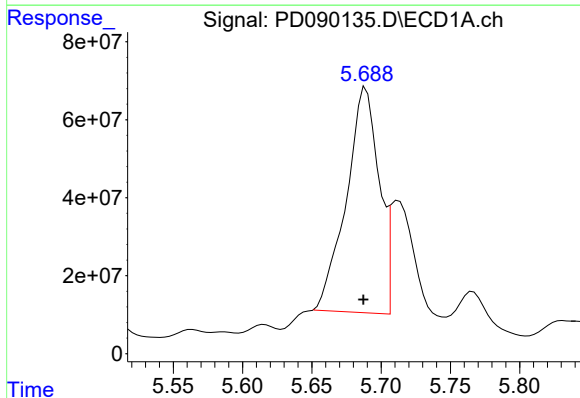
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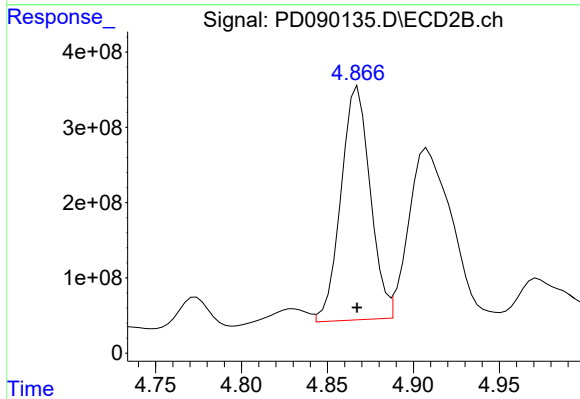
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1375708164
Conc: 43.60 ng/ml



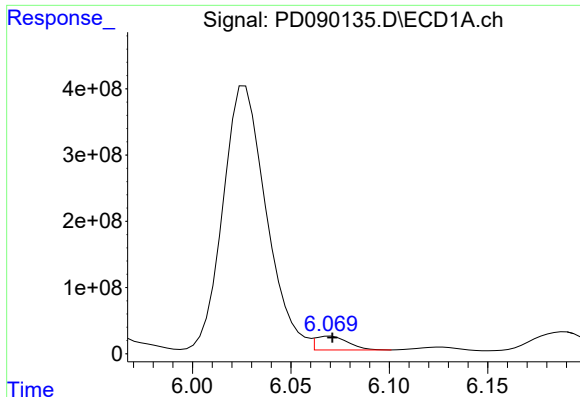
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 946129629
Conc: 192.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 3668603354
Conc: 132.47 ng/ml



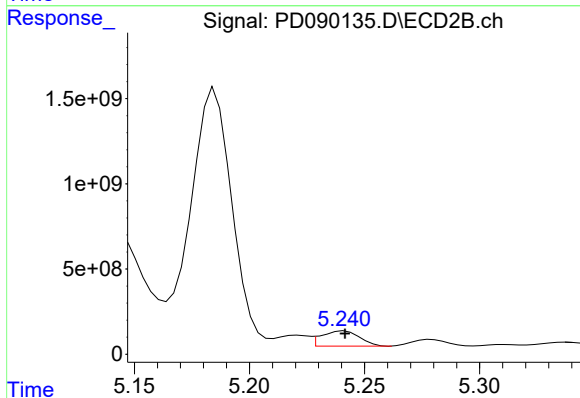
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 240567004
Conc: 52.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

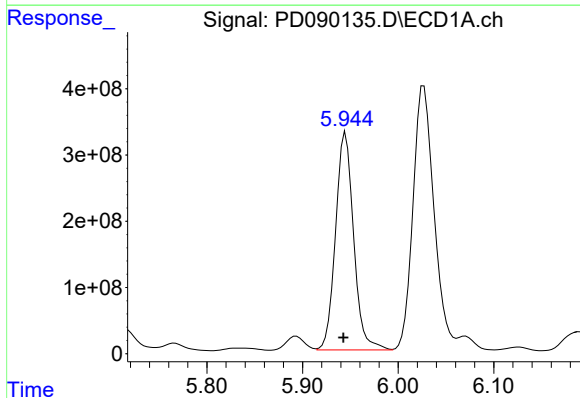
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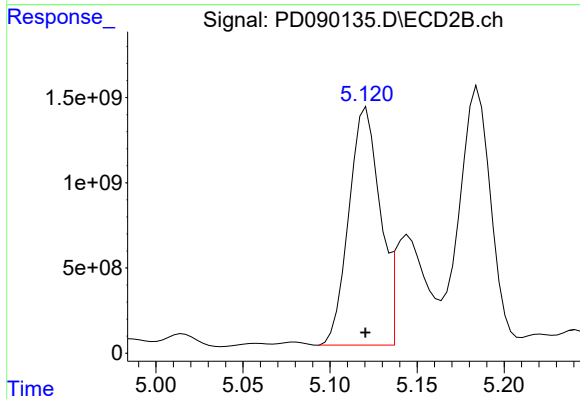
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1034084984
Conc: 39.44 ng/ml



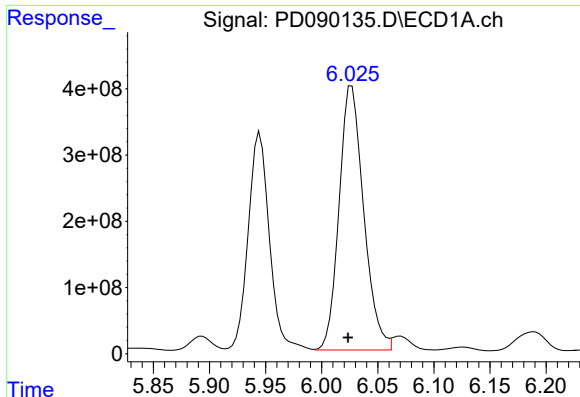
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.002 min
Response: 4316073009
Conc: 882.46 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: 0.004 min
Response: 13775804535
Conc: 465.22 ng/ml



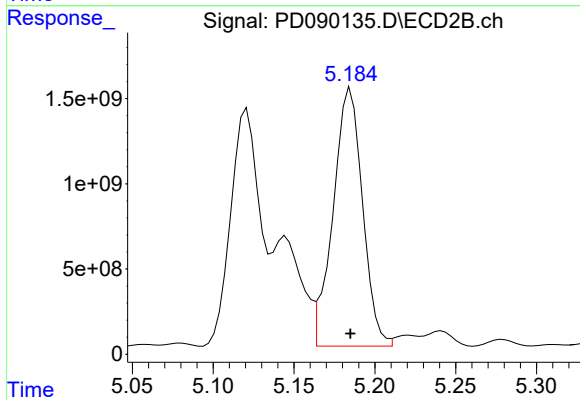
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.003 min
Response: 6071468204
Conc: 1233.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

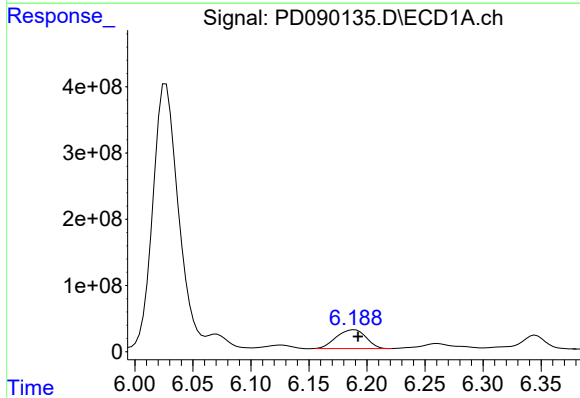
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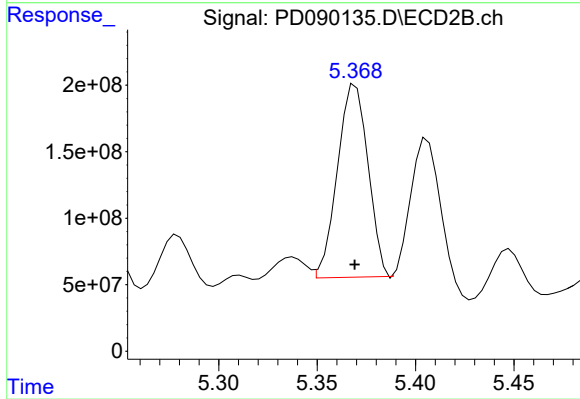
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 15617643256
Conc: 547.26 ng/ml



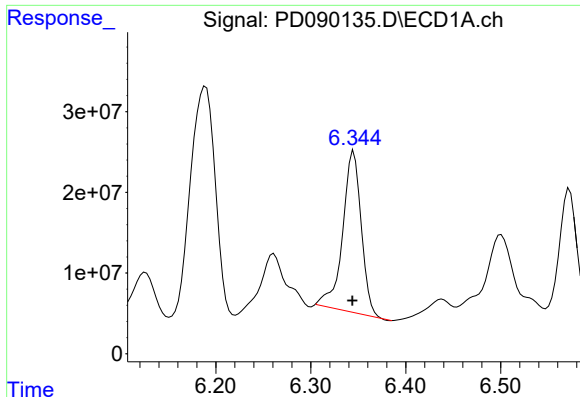
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 507185479
Conc: 115.58 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1565659533
Conc: 54.32 ng/ml



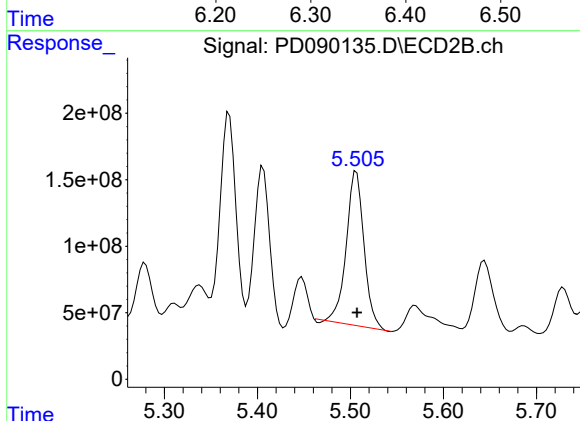
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 273351951
Conc: 55.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

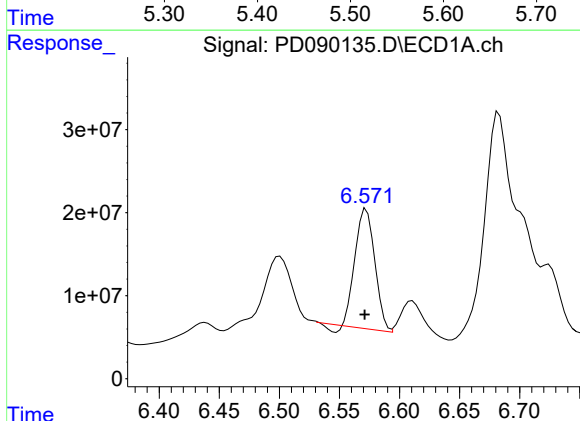
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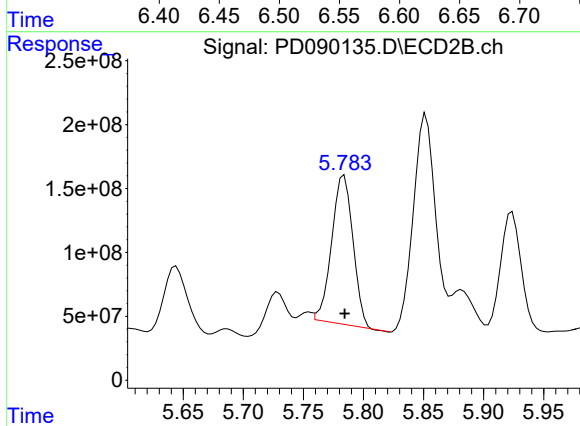
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 1535327080
Conc: 52.42 ng/ml



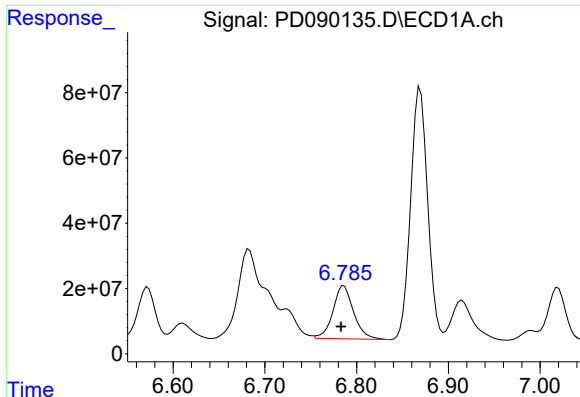
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 163406312
Conc: 39.44 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1441032008
Conc: 54.11 ng/ml



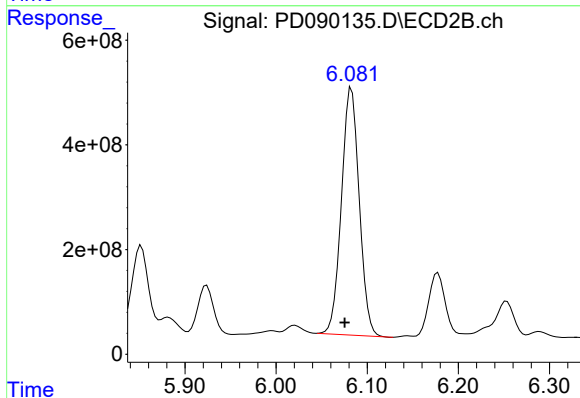
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.003 min
Response: 253717857
Conc: 60.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

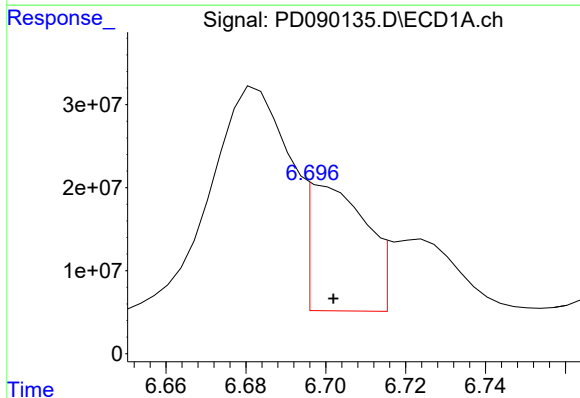
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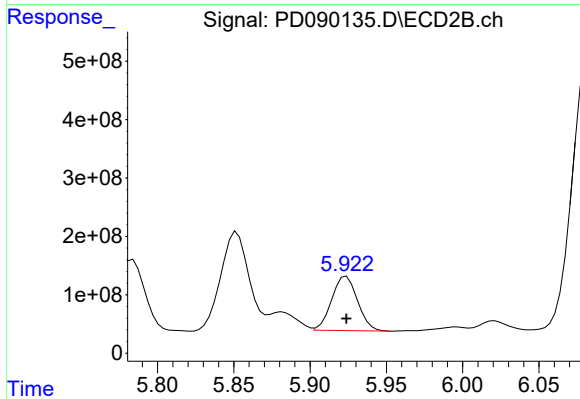
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.008 min
Response: 6416168737
Conc: 253.66 ng/ml



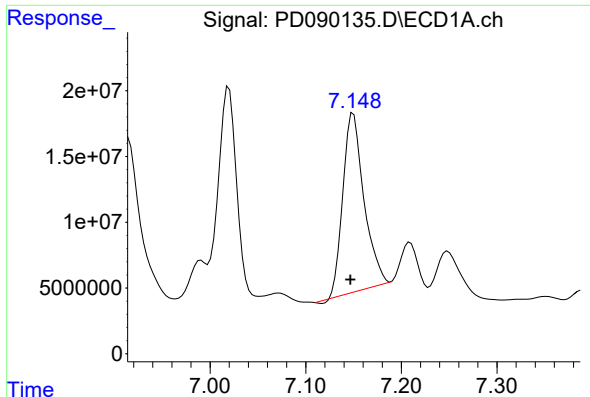
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.006 min
Response: 146439948
Conc: 42.33 ng/ml m



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.001 min
Response: 1089866179
Conc: 45.33 ng/ml m



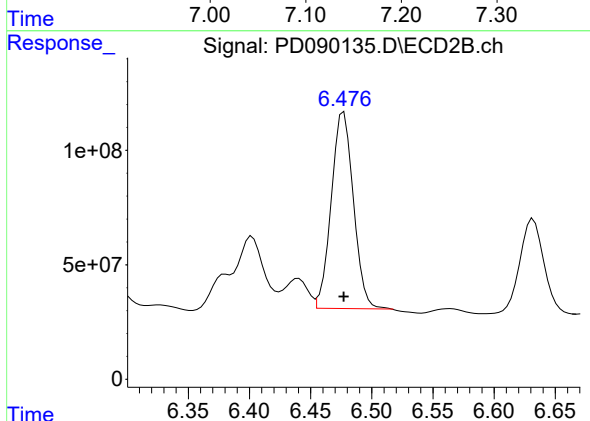
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.003 min
Response: 210163211
Conc: 53.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

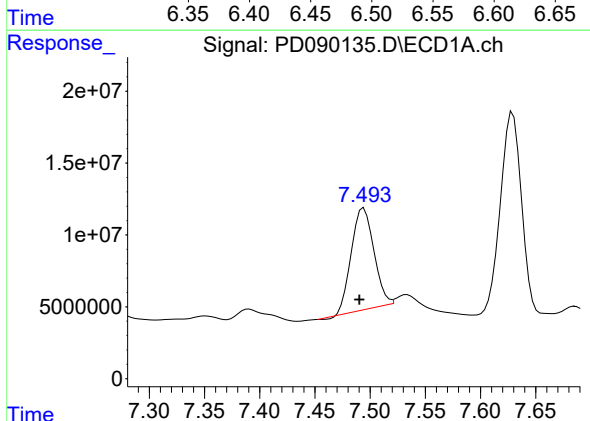
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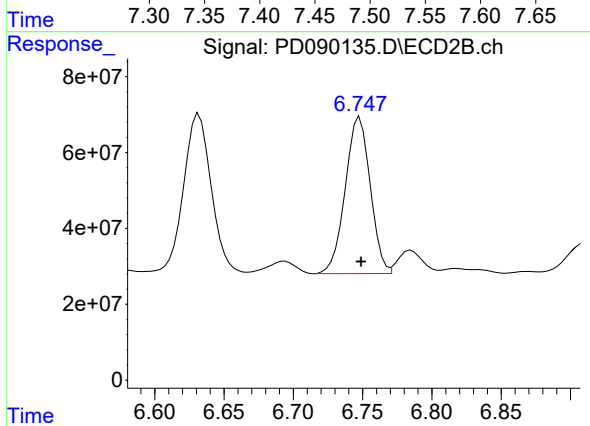
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1081901800
Conc: 44.38 ng/ml



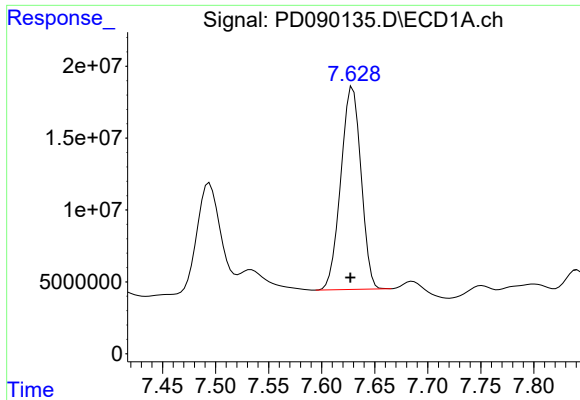
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.004 min
Response: 99993986
Conc: 49.86 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 518274005
Conc: 40.19 ng/ml



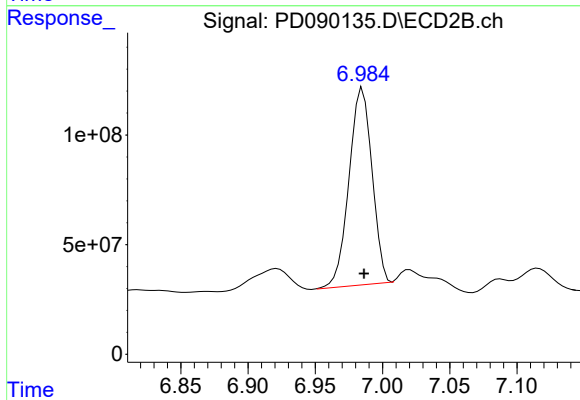
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 186863555
Conc: 45.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

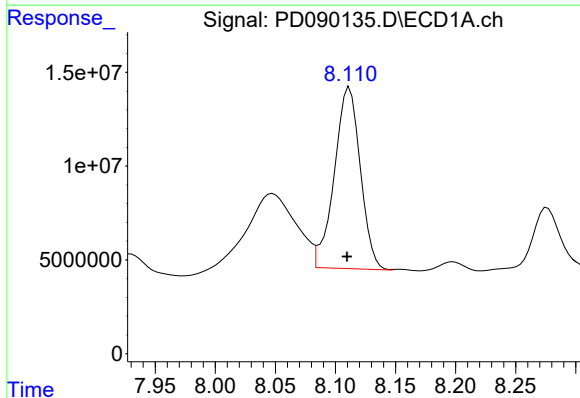
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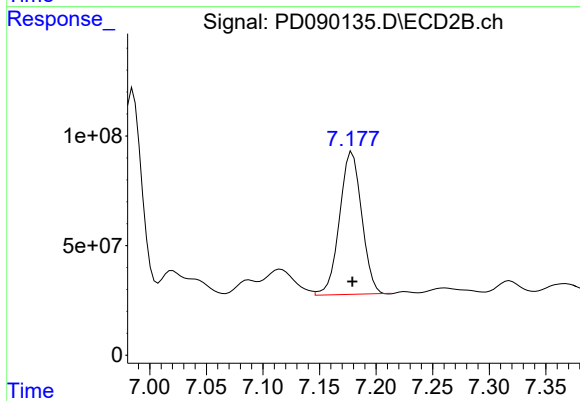
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.001 min
Response: 1068571573
Conc: 40.10 ng/ml



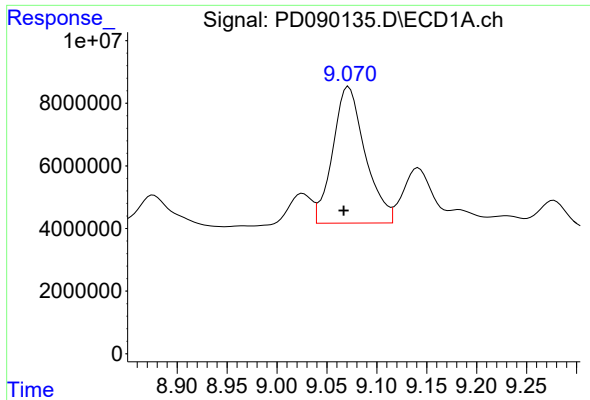
#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 145402708
Conc: 46.09 ng/ml m



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 885911393
Conc: 42.89 ng/ml m



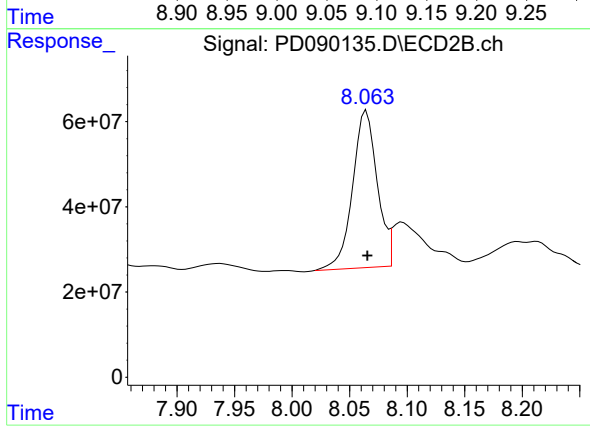
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 98176765
Conc: 22.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-231MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/04/2025
Supervised By :mohammad ahmed 09/05/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 550125267
Conc: 21.25 ng/ml