

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
 Data File : PD088921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 15:13
 Operator : AR\AJ
 Sample : Q2280-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-210MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 07:40:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.548	2.879	43873622	246.2E6	20.277	16.275
28)	SA Decachlor...	9.070	8.068	52690523	271.1E6	15.396m	14.847m
Target Compounds							
2)	A alpha-BHC	3.997	3.392	241.2E6	1133.2E6	50.500	47.408
3)	MA gamma-BHC...	4.328	3.728	241.7E6	1036.7E6	52.515	46.771
4)	MA Heptachlor	4.927	4.081	221.6E6	1041.1E6	49.561	46.363
5)	MB Aldrin	5.269	4.367	220.9E6	1011.8E6	50.266	46.137
6)	B beta-BHC	4.514	4.024	81820383	490.7E6	45.376	50.373
7)	B delta-BHC	4.762	4.260	230.0E6	1047.0E6	54.424	46.965
8)	B Heptachlo...	5.688	4.871	195.7E6	924.9E6	49.305m	46.547
9)	A Endosulfan I	6.072	5.246	191.6E6	811.7E6	50.907	42.770
10)	B gamma-Chl...	5.944	5.124	216.4E6	1057.8E6	54.246	49.585
11)	B alpha-Chl...	6.026	5.189	256.3E6	1065.9E6	63.978	51.682
12)	B 4,4'-DDE	6.193	5.374	177.1E6	975.5E6	49.338	46.668
13)	MA Dieldrin	6.345	5.510	194.4E6	990.5E6	48.451	47.068m
14)	MA Endrin	6.571	5.788	159.8E6	922.8E6	46.777	47.856
15)	B Endosulfa...	6.784	6.079	170.0E6	825.3E6	49.361	45.042
16)	A 4,4'-DDD	6.701	5.927	171.3E6	609.3E6	61.504m	35.035 #
17)	MA 4,4'-DDT	7.019	6.182	168.0E6	870.7E6	53.818	48.008
18)	B Endrin al...	6.912	6.257	124.6E6	602.1E6	48.400	43.225
19)	B Endosulfa...	7.147	6.480	152.4E6	762.6E6	47.595	42.949
20)	A Methoxychlor	7.491	6.752	88377387	351.9E6	52.903m	36.749 #
21)	B Endrin ke...	7.628	6.989	161.9E6	770.1E6	47.296	39.805
22)	Mirex	8.110	7.184	130.9E6	596.7E6	50.368m	39.253

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
Data File : PD088921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 15:13
Operator : AR\AJ
Sample : Q2280-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

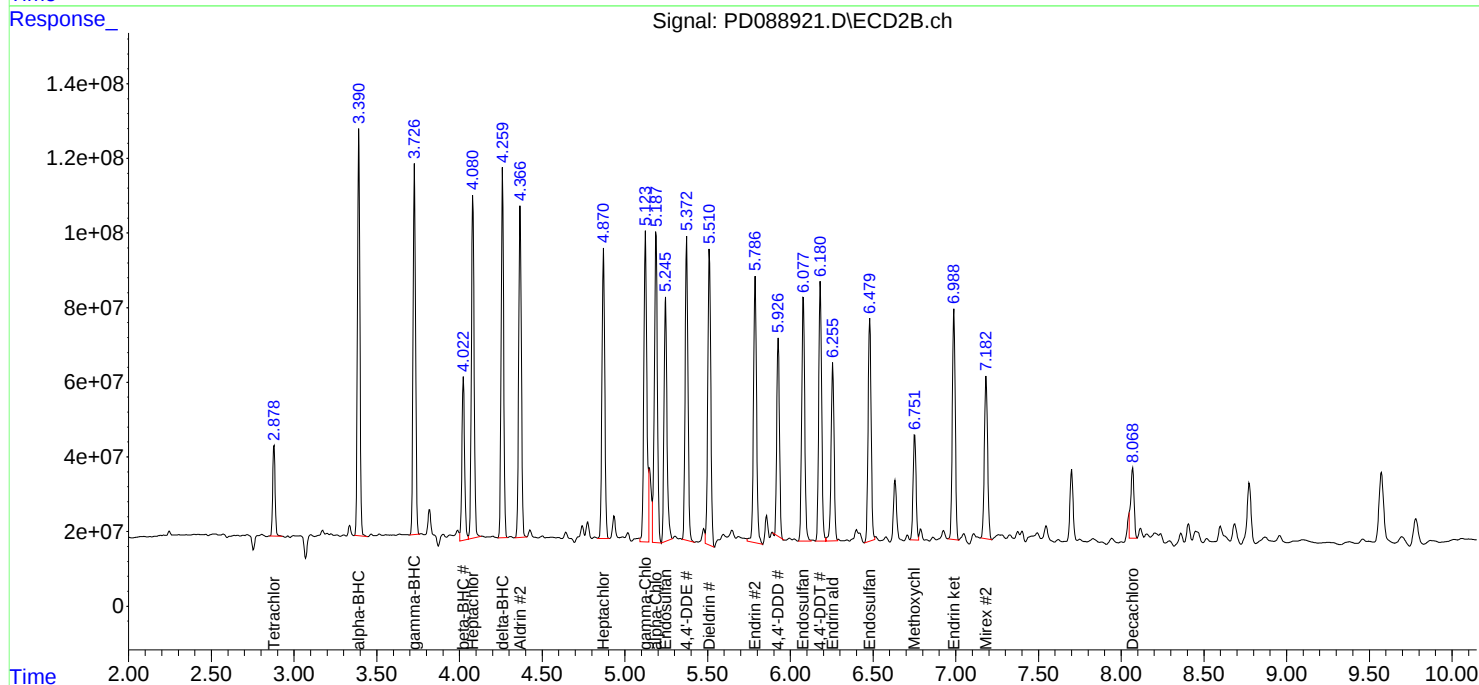
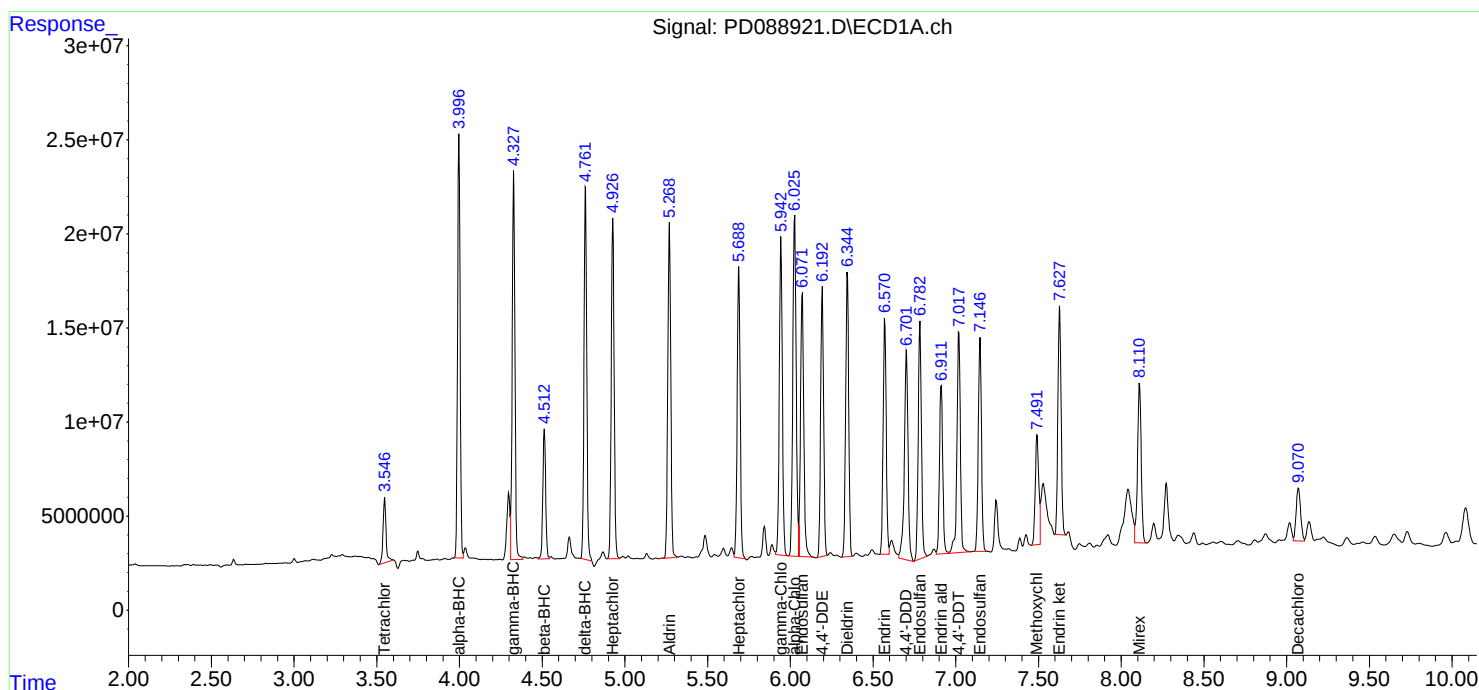
Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

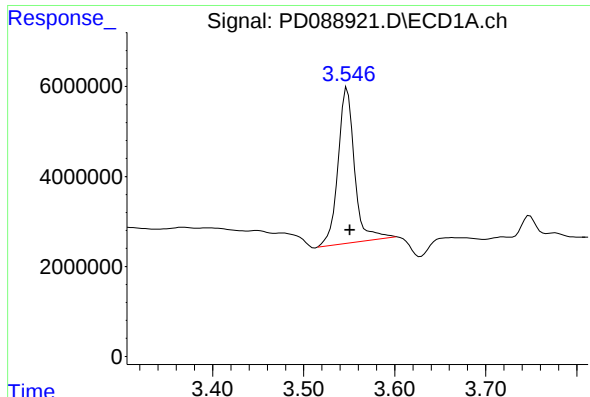
Manual Integrations
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Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 07:40:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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





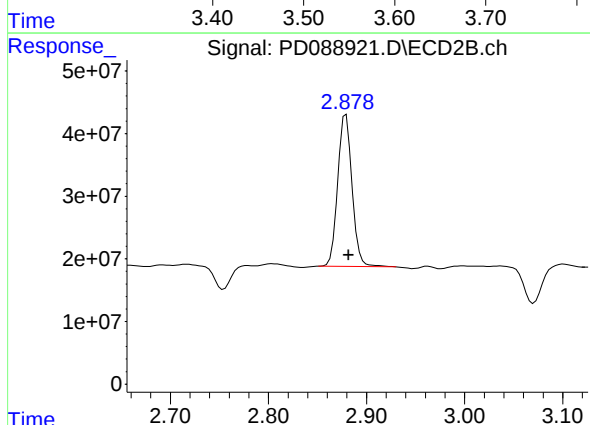
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 43873622
Conc: 20.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

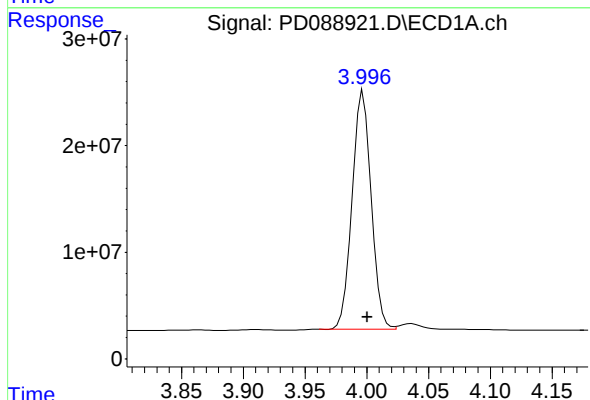
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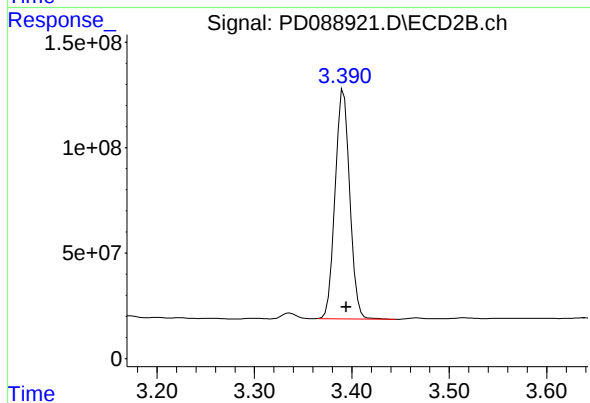
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 246194725
Conc: 16.28 ng/ml



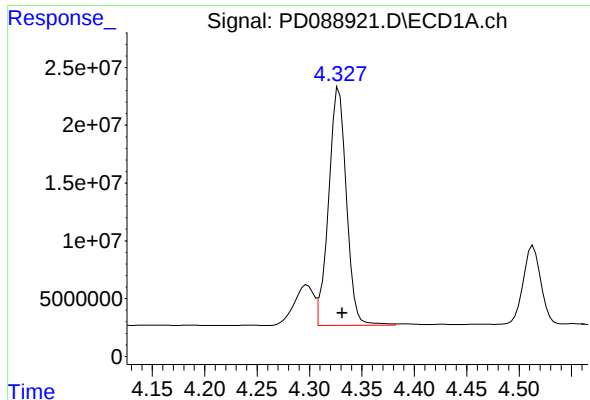
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 241215343
Conc: 50.50 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 1133217450
Conc: 47.41 ng/ml



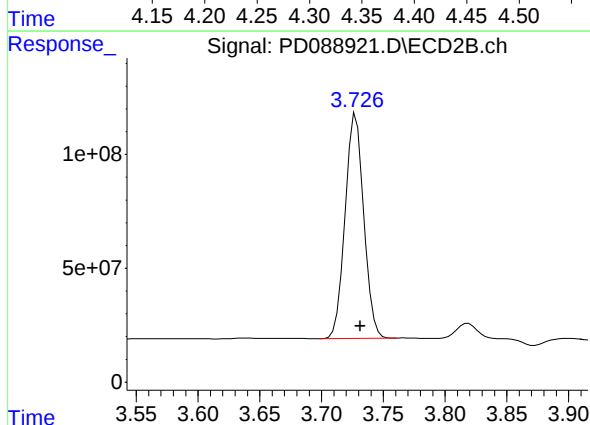
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 241711658
Conc: 52.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

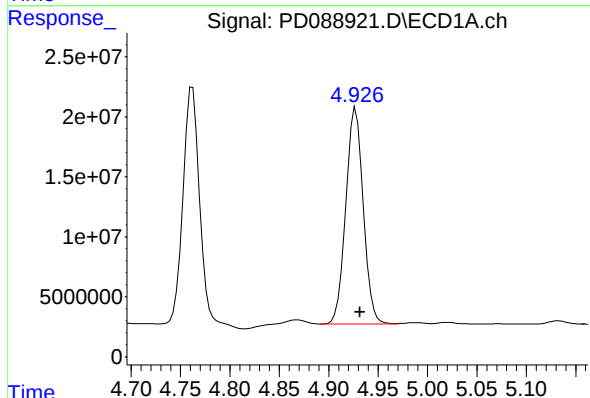
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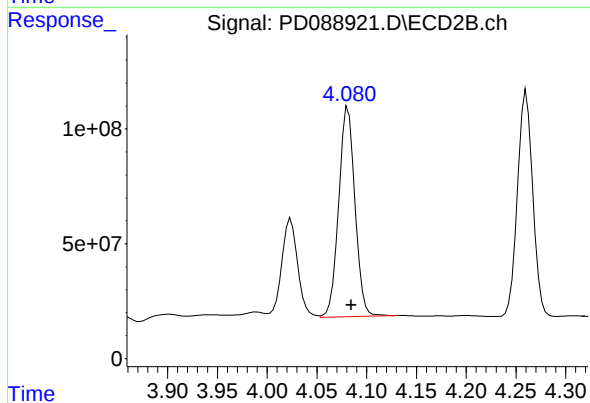
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.004 min
Response: 1036718179
Conc: 46.77 ng/ml



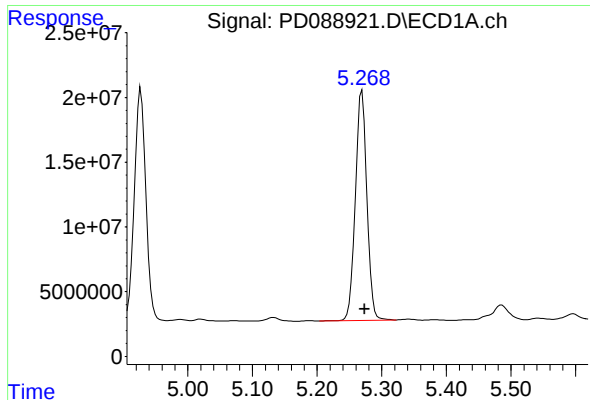
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 221599496
Conc: 49.56 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.003 min
Response: 1041074628
Conc: 46.36 ng/ml



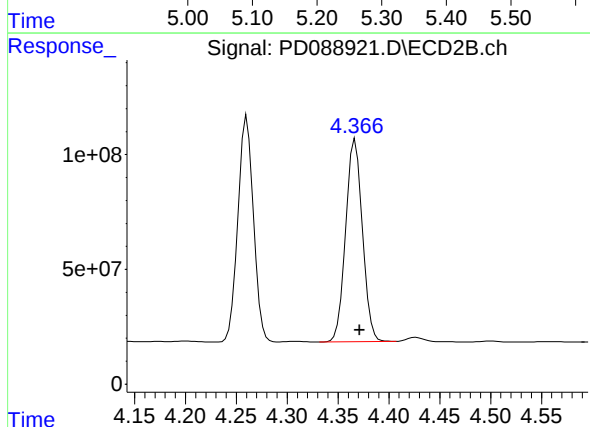
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.004 min
Response: 220893566
Conc: 50.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

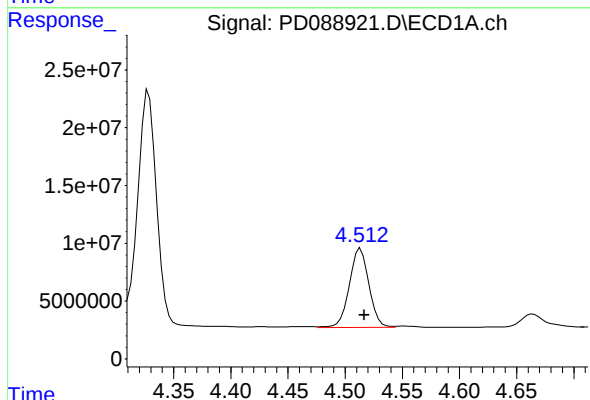
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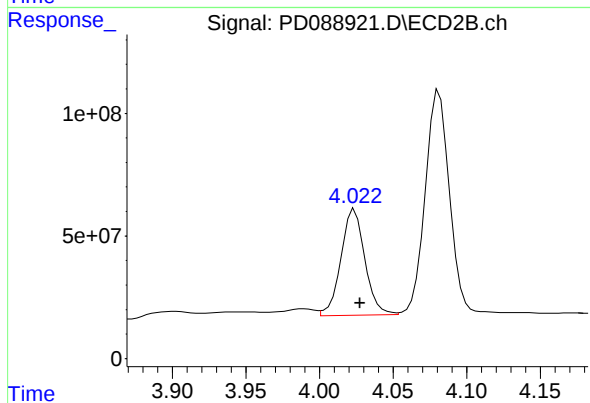
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 1011786308
Conc: 46.14 ng/ml



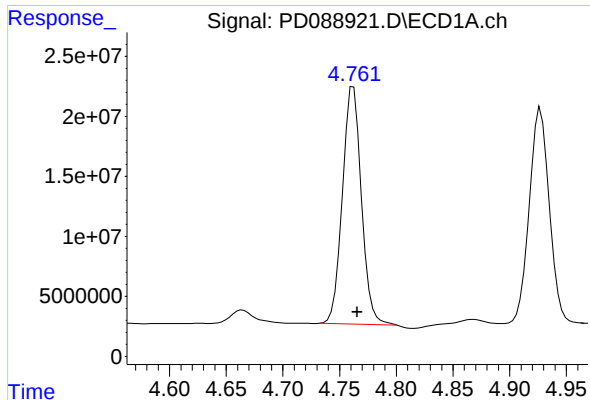
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 81820383
Conc: 45.38 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 490728033
Conc: 50.37 ng/ml



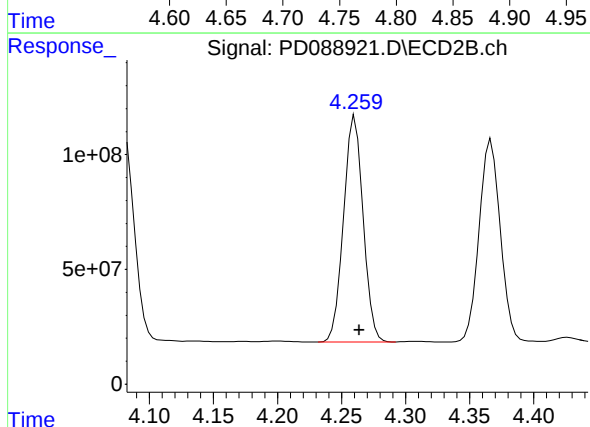
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 230005727
Conc: 54.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

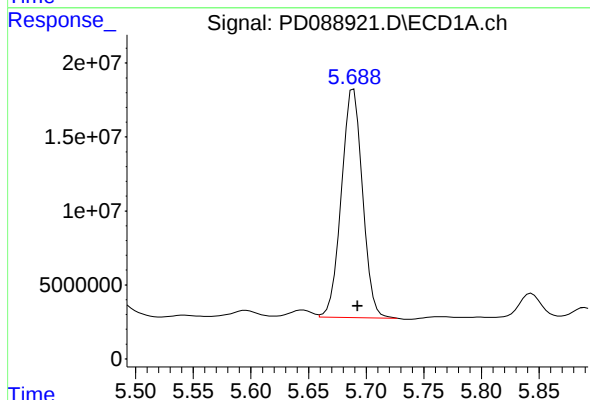
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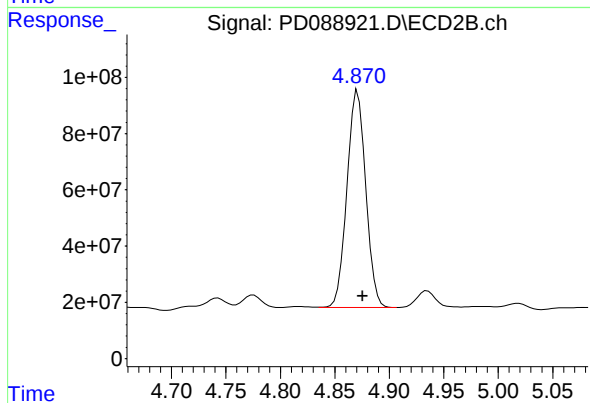
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: -0.003 min
Response: 1047037940
Conc: 46.96 ng/ml



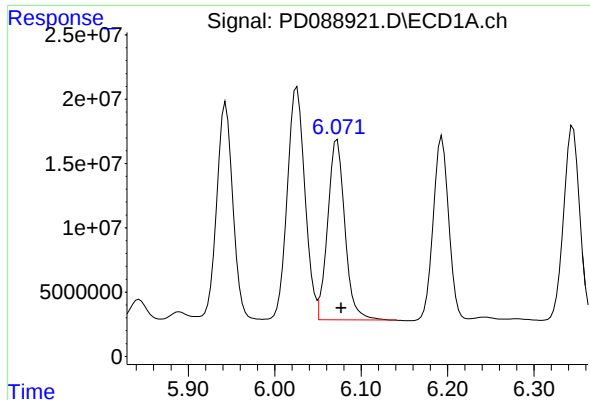
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 195704734
Conc: 49.30 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 924947689
Conc: 46.55 ng/ml



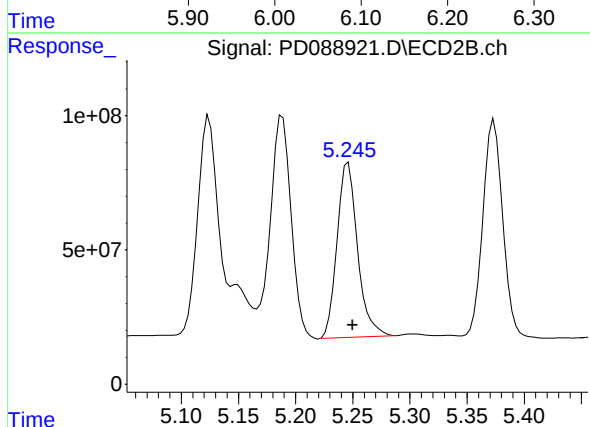
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 191559408
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

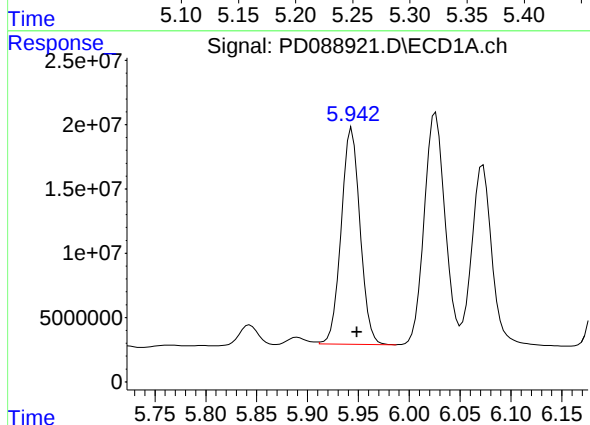
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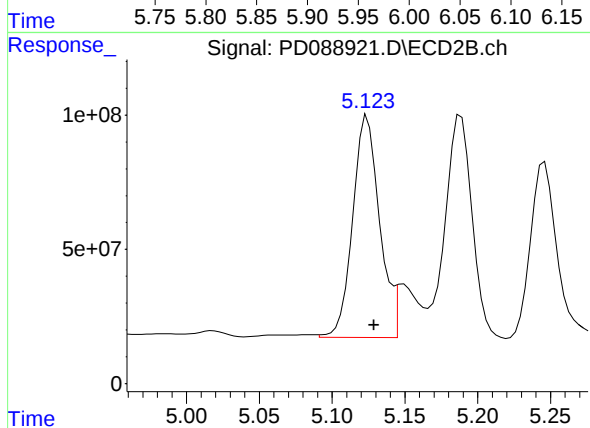
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 811714339
Conc: 42.77 ng/ml



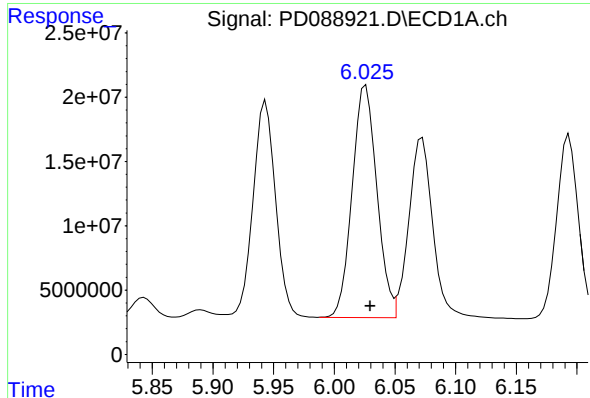
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 216384256
Conc: 54.25 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.004 min
Response: 1057751417
Conc: 49.59 ng/ml



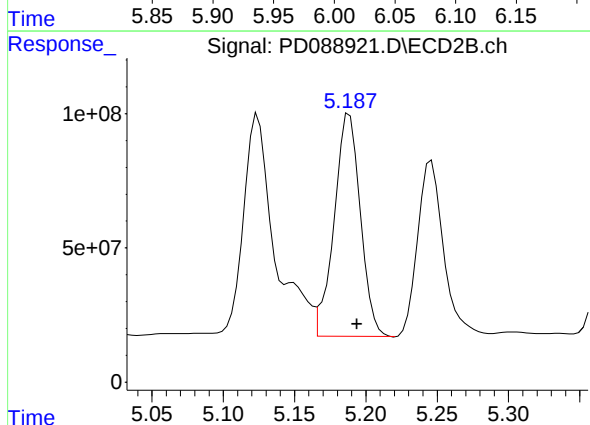
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 256314135
Conc: 63.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
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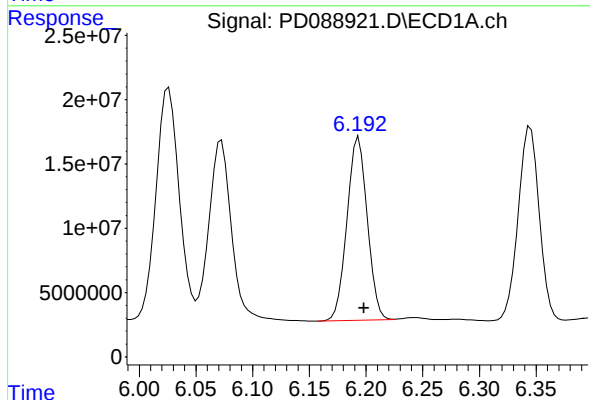
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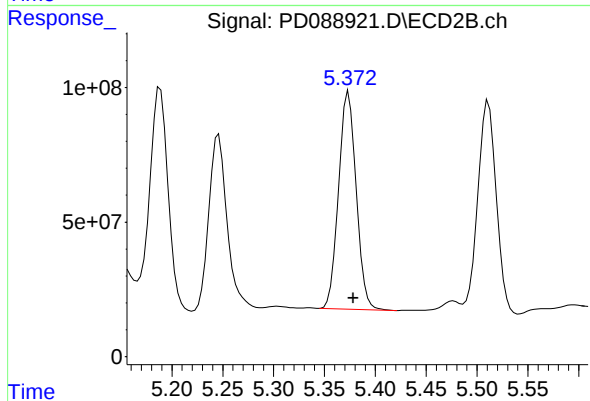
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 1065929565
Conc: 51.68 ng/ml



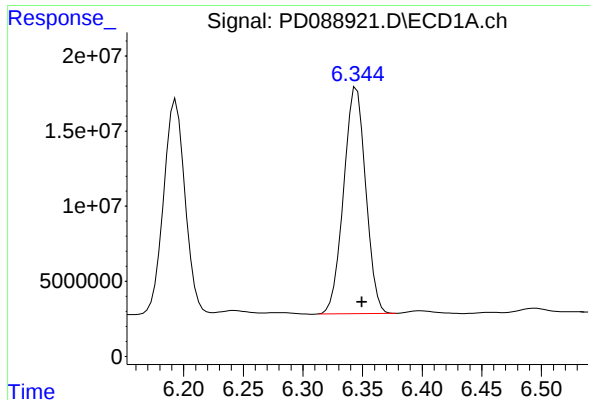
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.005 min
Response: 177093461
Conc: 49.34 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.005 min
Response: 975481274
Conc: 46.67 ng/ml



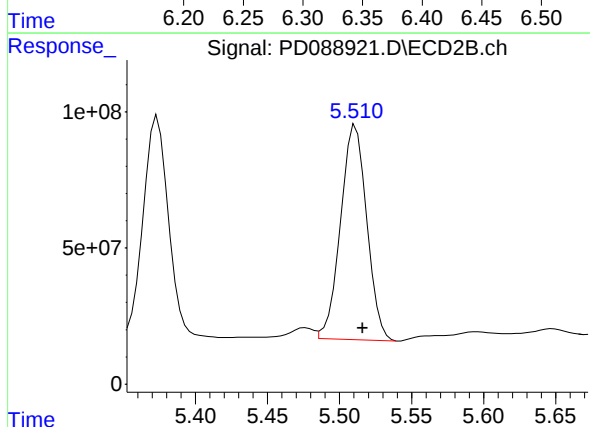
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.005 min
Response: 194370920
Conc: 48.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

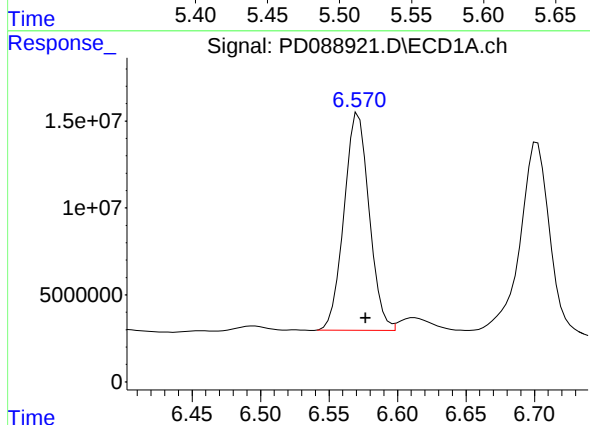
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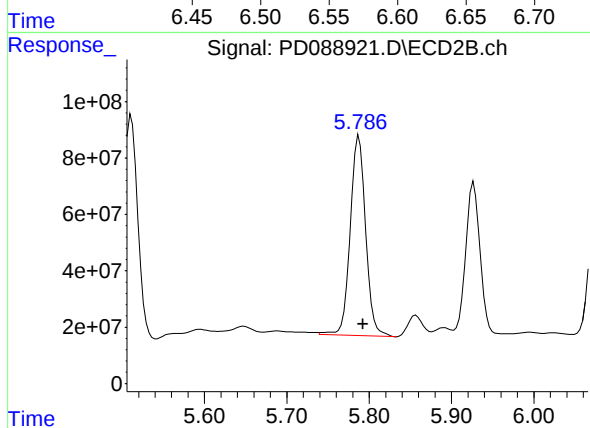
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.006 min
Response: 990492273
Conc: 47.07 ng/ml



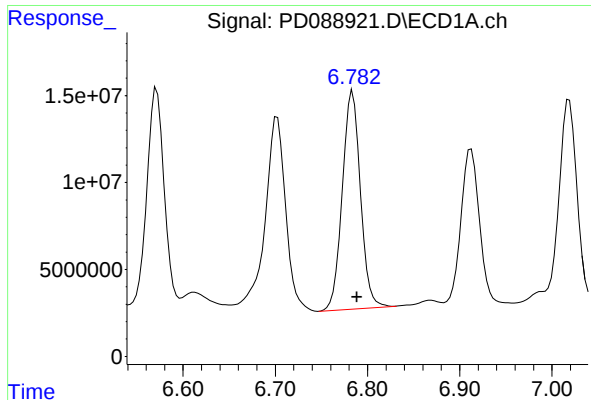
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.005 min
Response: 159751214
Conc: 46.78 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 922847474
Conc: 47.86 ng/ml



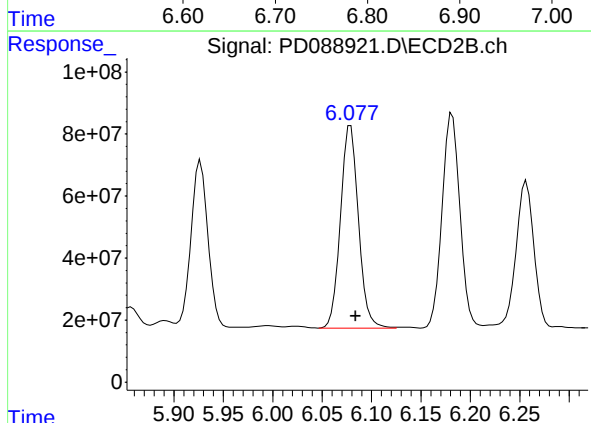
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: -0.005 min
Response: 169977984
Conc: 49.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

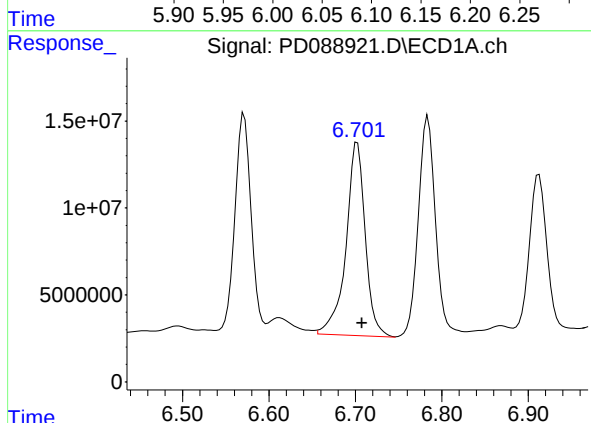
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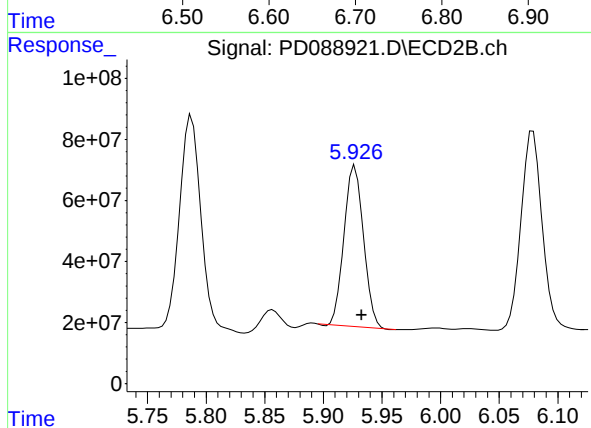
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.005 min
Response: 825256900
Conc: 45.04 ng/ml



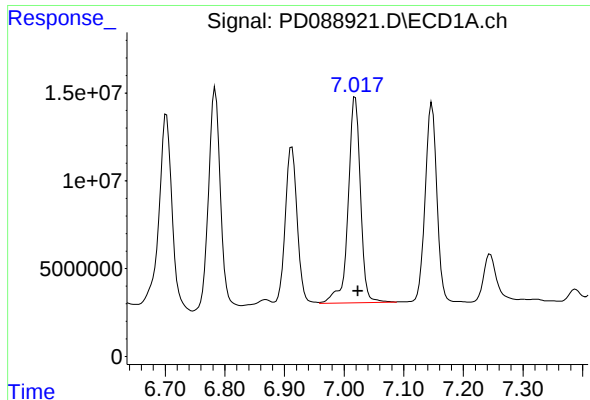
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.007 min
Response: 171295584
Conc: 61.50 ng/ml m



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: -0.006 min
Response: 609347159
Conc: 35.04 ng/ml



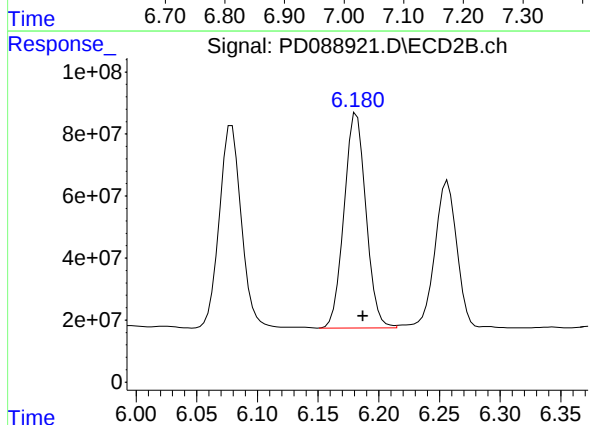
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.005 min
Response: 168021793
Conc: 53.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

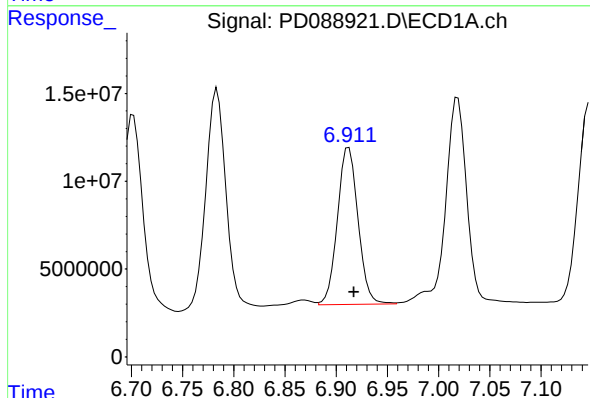
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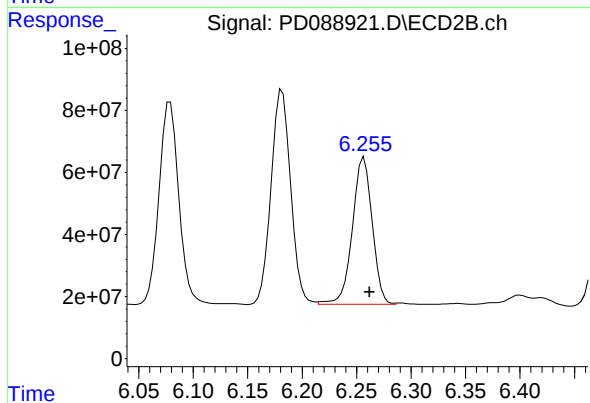
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 870738679
Conc: 48.01 ng/ml



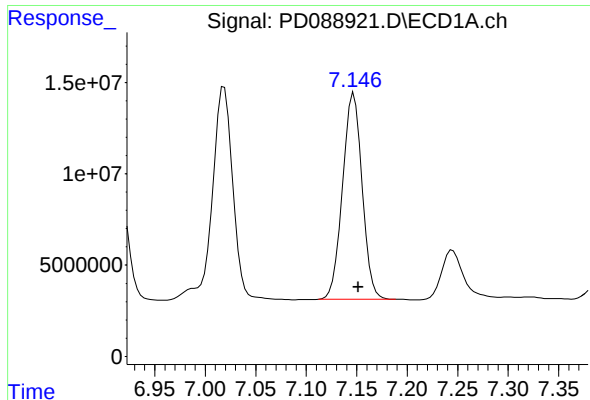
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 124610303
Conc: 48.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 602065627
Conc: 43.22 ng/ml



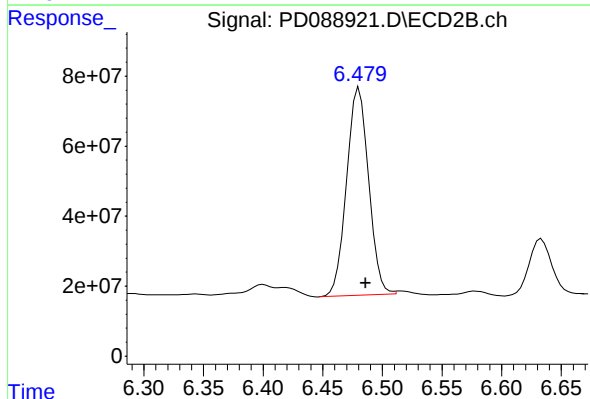
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: -0.004 min
Response: 152448969
Conc: 47.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

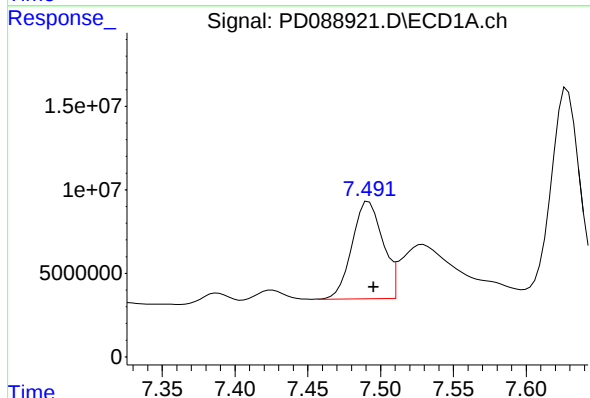
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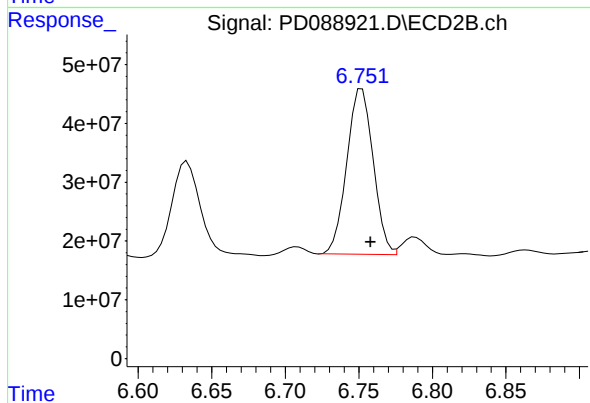
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 762598541
Conc: 42.95 ng/ml



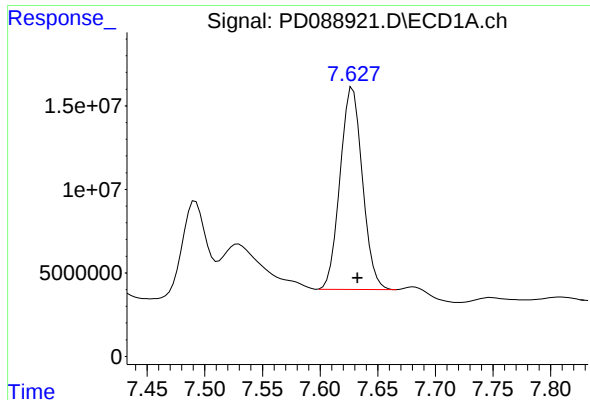
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.005 min
Response: 88377387
Conc: 52.90 ng/ml m



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.006 min
Response: 351863463
Conc: 36.75 ng/ml



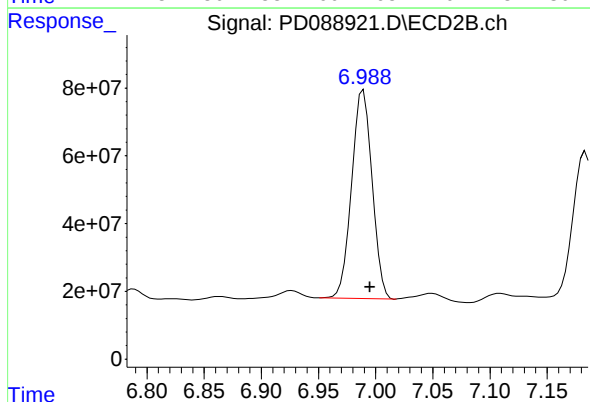
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: -0.004 min
Response: 161901079
Conc: 47.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

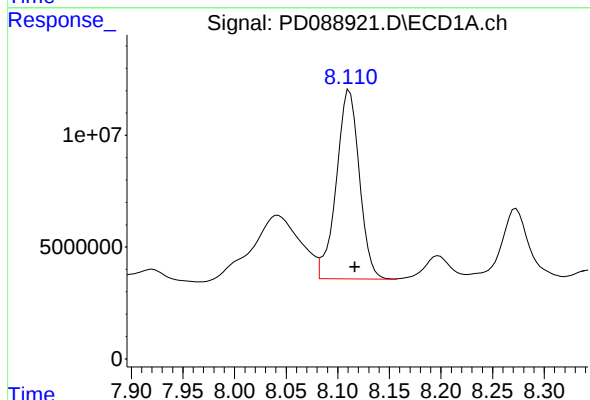
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



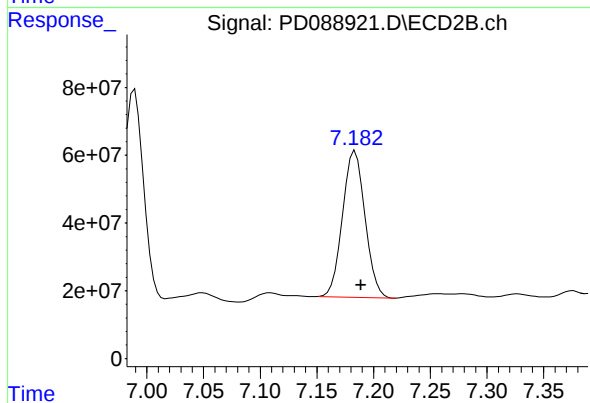
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.006 min
Response: 770124639
Conc: 39.81 ng/ml



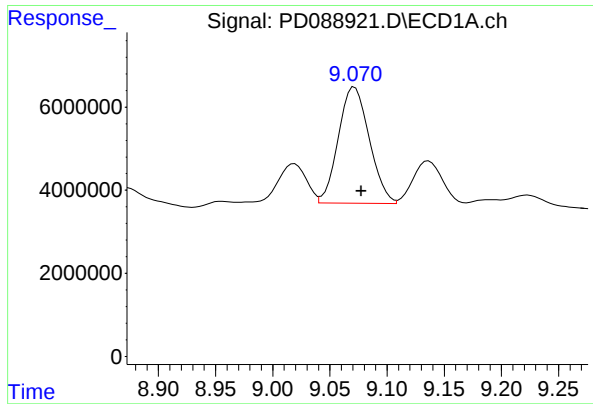
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 130870635
Conc: 50.37 ng/ml m



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 596741743
Conc: 39.25 ng/ml



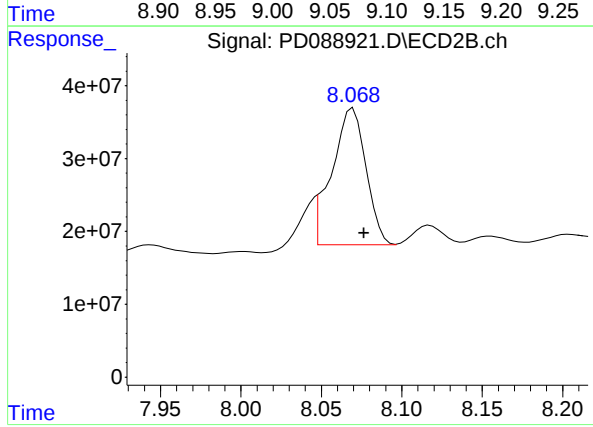
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.007 min
Response: 52690523
Conc: 15.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 271051891
Conc: 14.85 ng/ml m