

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
 Data File : PD089043.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 12:21
 Operator : AR\AJ
 Sample : Q2358-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 NB-07-06182025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 13:41:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.557	2.879	5794266	43560983	2.031	2.569 #
28)	SA Decachlor...	9.084	8.073	10408310	57950060	2.650m	2.931m
Target Compounds							
2)	A alpha-BHC	4.006	3.391	1496929	2379504	0.257	0.089 #
3)	MA gamma-BHC...	4.338	3.729	1577620	6876397	0.283	0.278
4)	MA Heptachlor	4.939	4.082	3940479	8417169	0.723	0.336 #
5)	MB Aldrin	5.279	4.368	2049146	8911388	0.386	0.368
6)	B beta-BHC	4.524	4.026	1731194	5002684	0.784	0.466 #
7)	B delta-BHC	4.774	4.262	4338167	14719344	0.845m	0.592 #
8)	B Heptachlo...	5.691	4.874	30900353	16649169	6.406	0.760 #
10)	B gamma-Chl...	5.953	5.125	2462913	17572354	0.514m	0.735m#
11)	B alpha-Chl...	6.036	5.190	2654329	17470406	0.549	0.763m#
12)	B 4,4'-DDE	6.205	5.376	2709826	18100184	0.621	0.790 #
13)	MA Dieldrin	6.356	5.514	2347585	28000802	0.489	1.206 #
14)	MA Endrin	6.584	5.796	2086592	85894810	0.506	3.956 #
15)	B Endosulfa...	6.793	6.081	3165643	17357750	0.784m	0.859m
16)	A 4,4'-DDD	6.713	5.930	2682217	12374223	0.782m	0.647m
17)	MA 4,4'-DDT	7.029	6.185	2311933	19356420	0.610m	0.954 #
18)	B Endrin al...	6.925	6.259	1789500	7246555	0.584	0.473
19)	B Endosulfa...	7.160	6.484	2840843	15131021	0.740	0.771
20)	A Methoxychlor	7.503	6.756	1623619	9866349	0.804	0.916
21)	B Endrin ke...	7.640	6.993	2430422	13040164	0.597	0.604
22)	Mirex	8.124	7.187	2452145	15222234	0.807	0.913

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
Data File : PD089043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 12:21
Operator : AR\AJ
Sample : Q2358-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

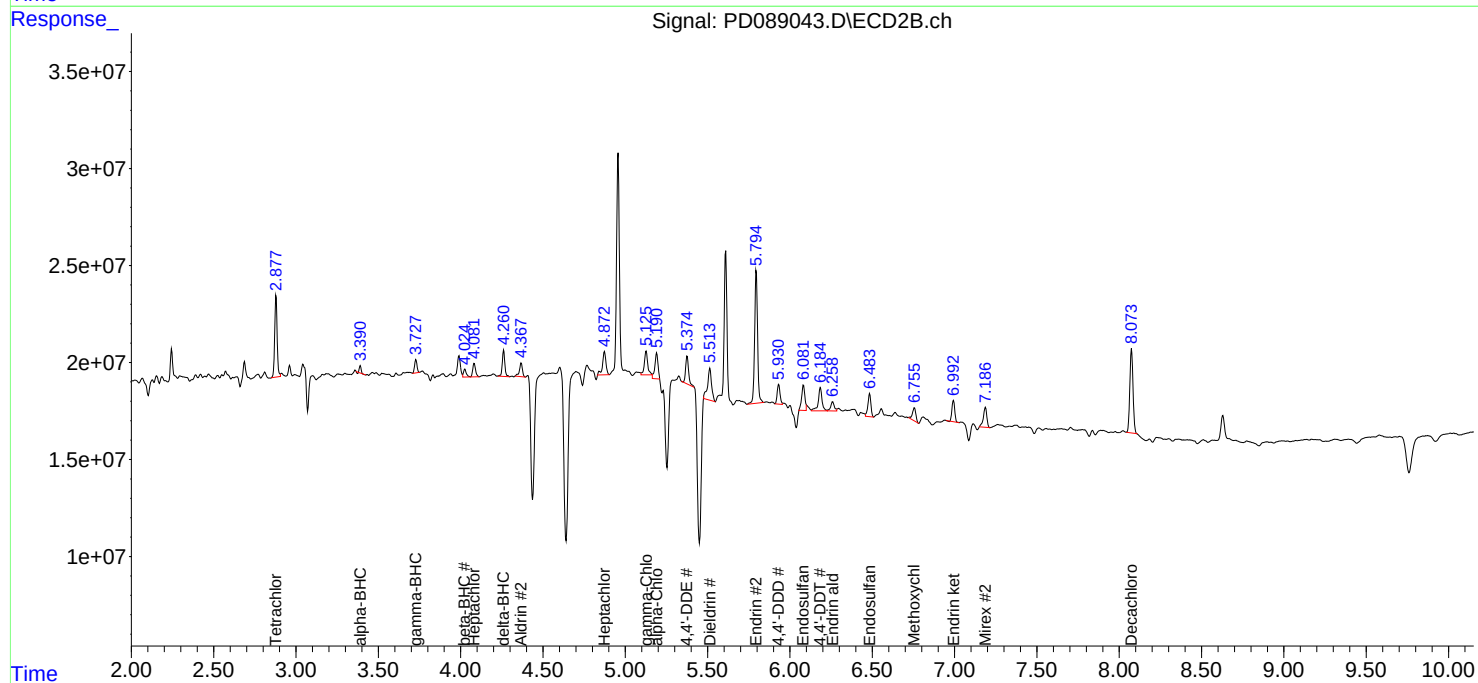
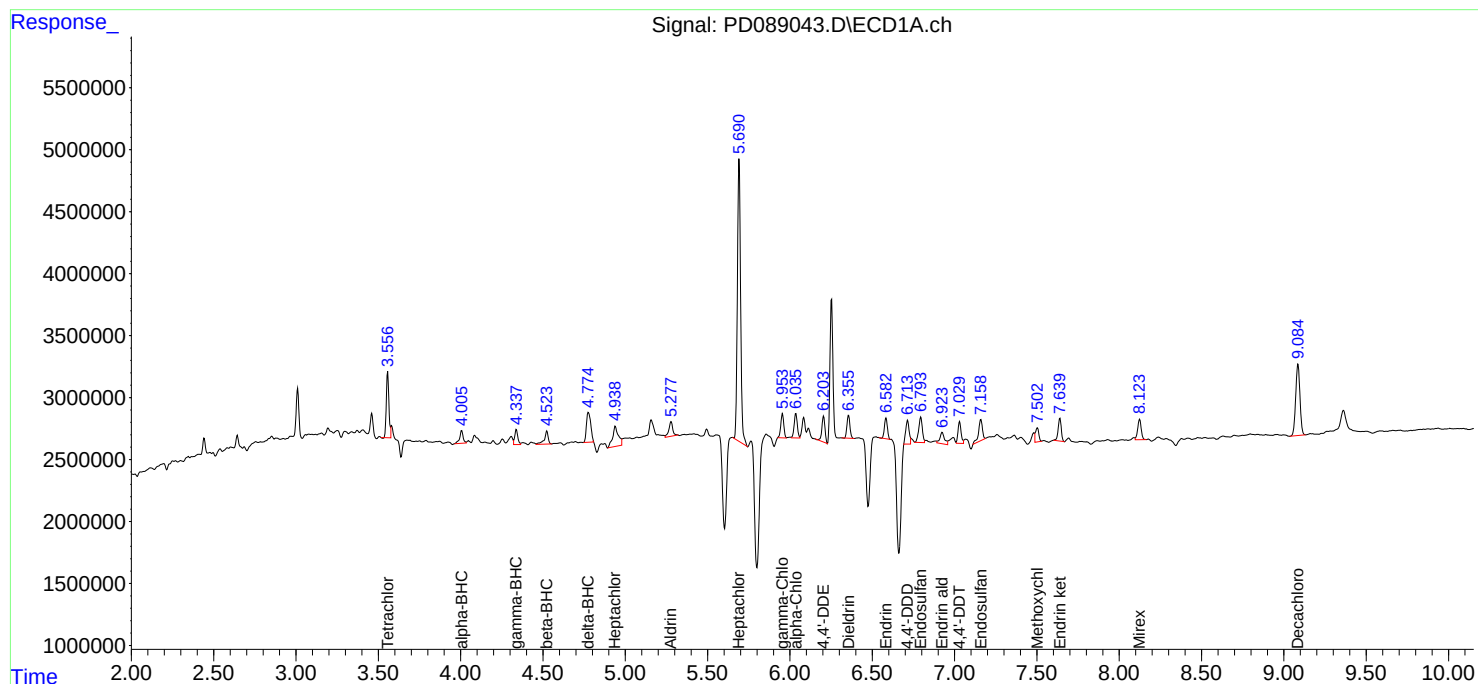
Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

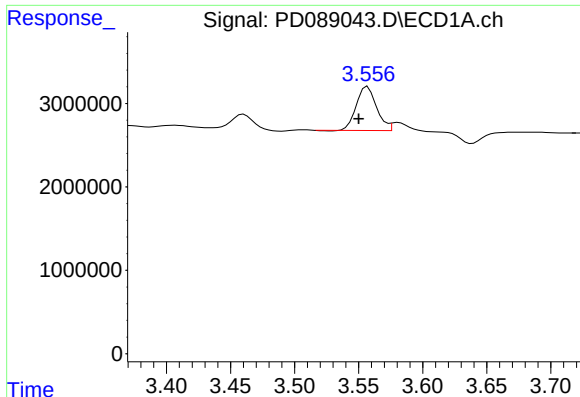
Manual Integrations
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Supervised By : mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 13:41:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





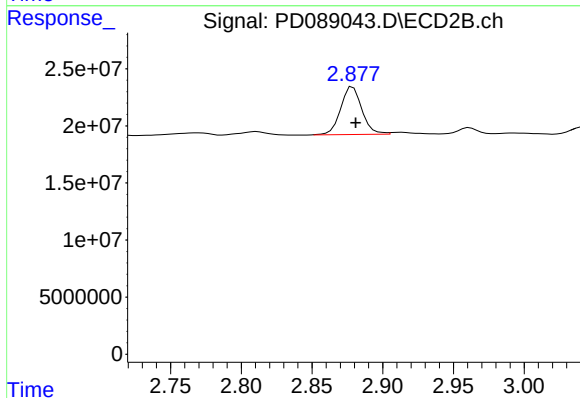
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.007 min
Response: 5794266
Conc: 2.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

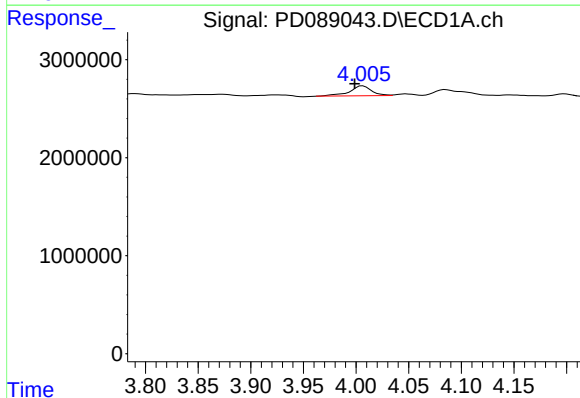
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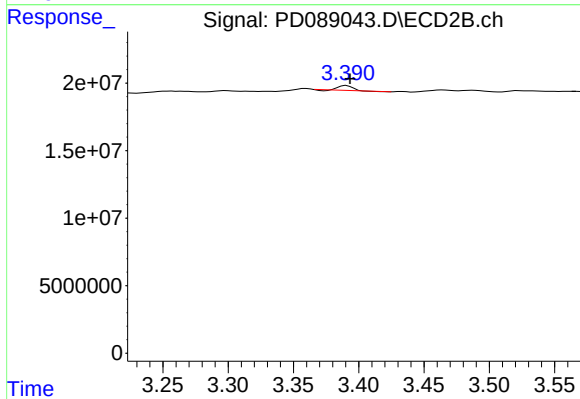
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 43560983
Conc: 2.57 ng/ml



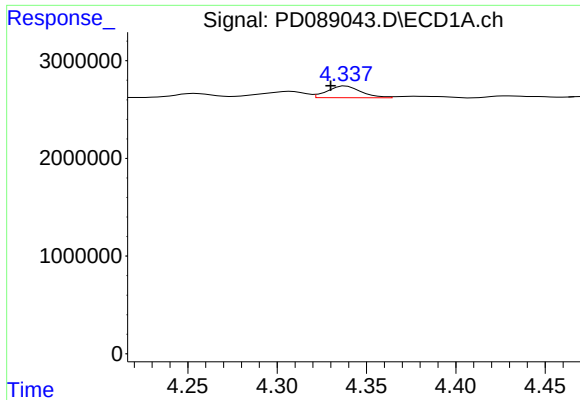
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 1496929
Conc: 0.26 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 2379504
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.008 min
Response: 1577620
Conc: 0.28 ng/ml

Instrument :

ECD_D

ClientSampleId :

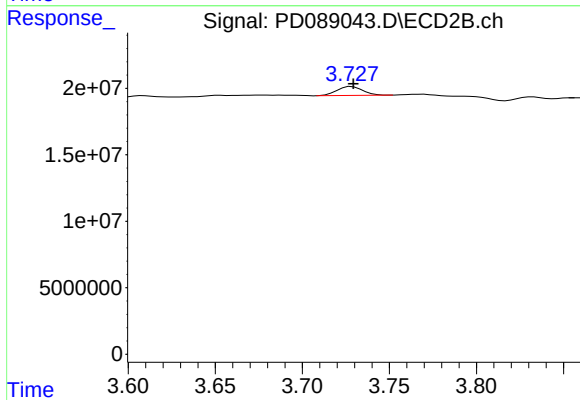
NB-07-06182025

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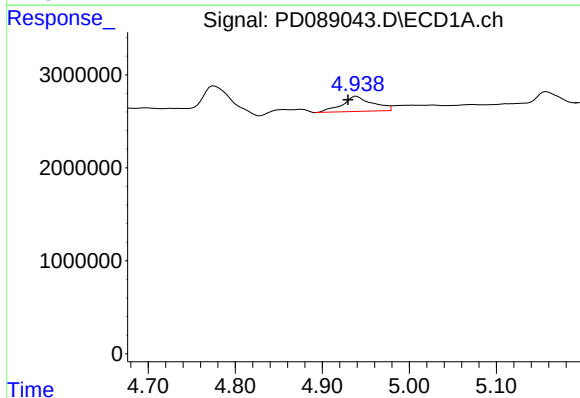
Reviewed By :Abdul Mirza 06/23/2025

Supervised By :mohammad ahmed 06/24/2025



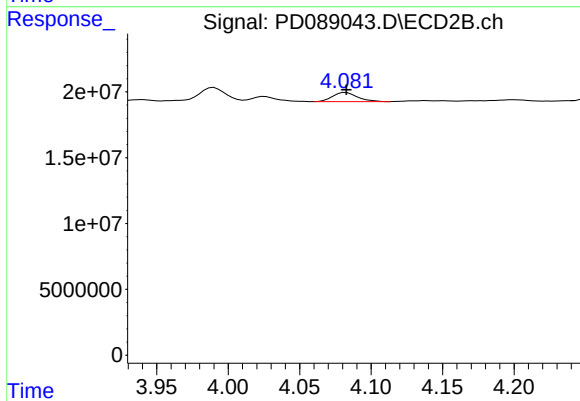
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 6876397
Conc: 0.28 ng/ml



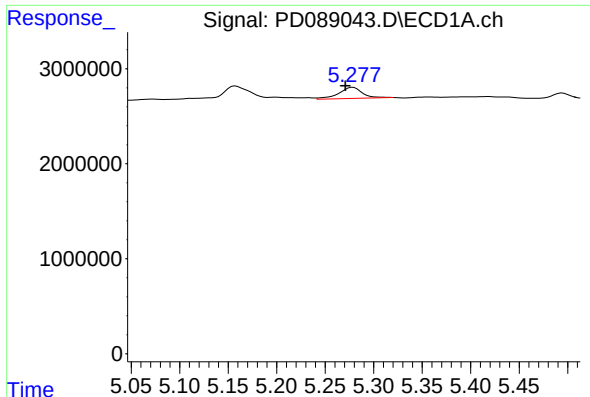
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.010 min
Response: 3940479
Conc: 0.72 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 8417169
Conc: 0.34 ng/ml



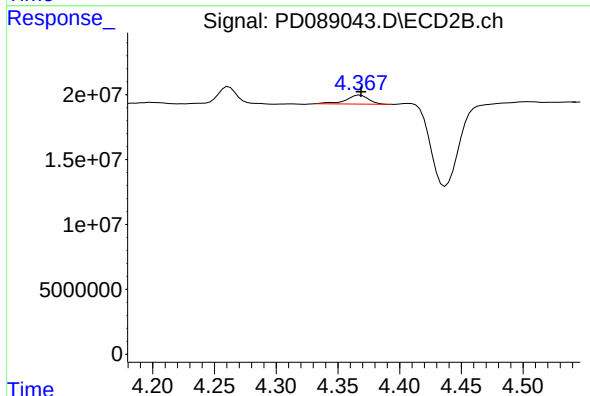
#5 Aldrin

R.T.: 5.279 min
Delta R.T.: 0.008 min
Response: 2049146
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

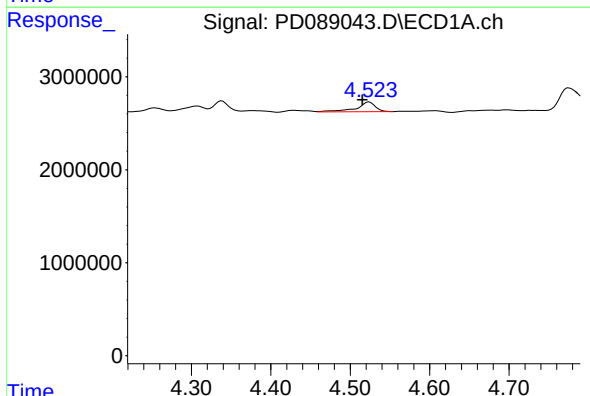
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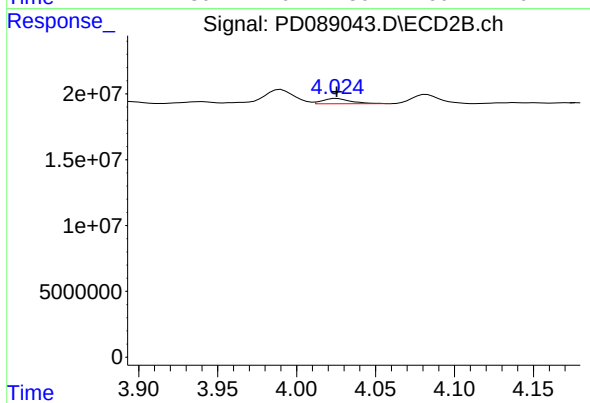
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 8911388
Conc: 0.37 ng/ml



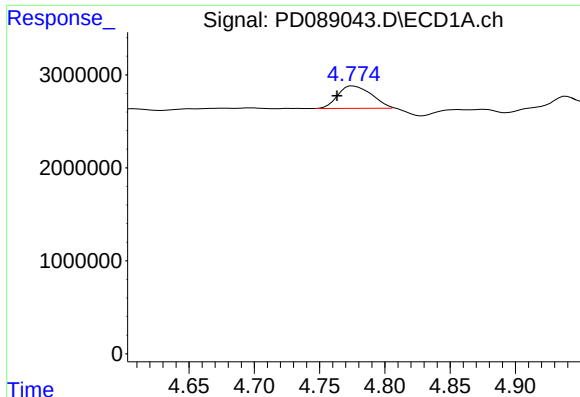
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.009 min
Response: 1731194
Conc: 0.78 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 5002684
Conc: 0.47 ng/ml



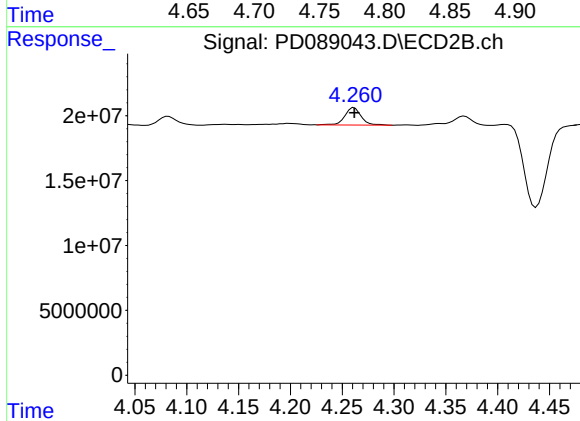
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.011 min
Response: 4338167
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

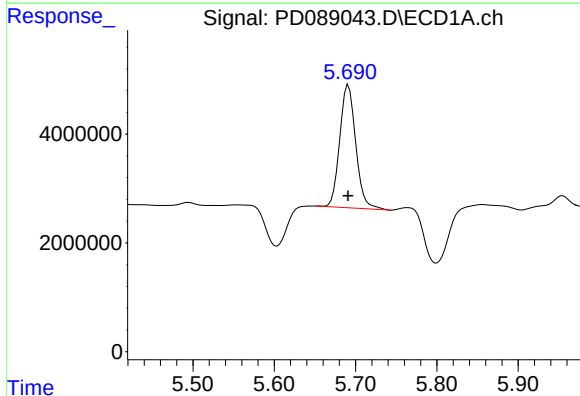
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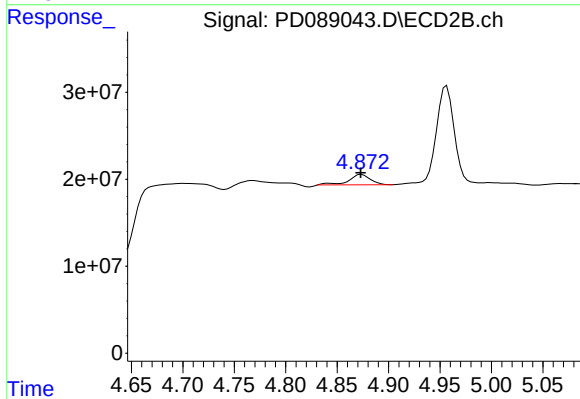
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 14719344
Conc: 0.59 ng/ml



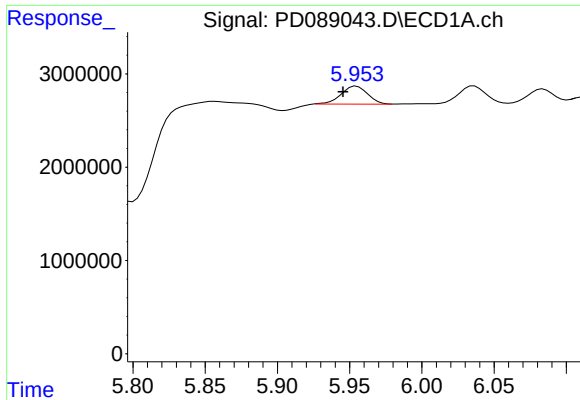
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 30900353
Conc: 6.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: 0.001 min
Response: 16649169
Conc: 0.76 ng/ml



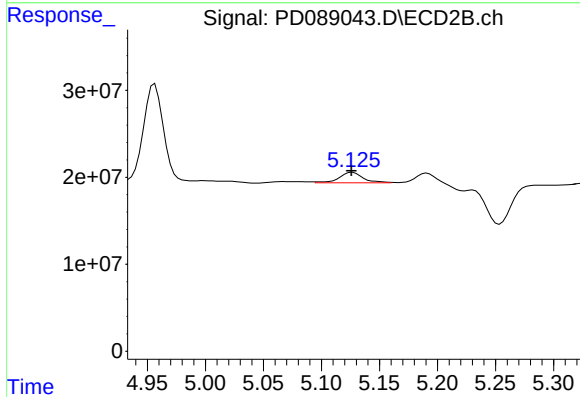
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.008 min
Response: 2462913
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

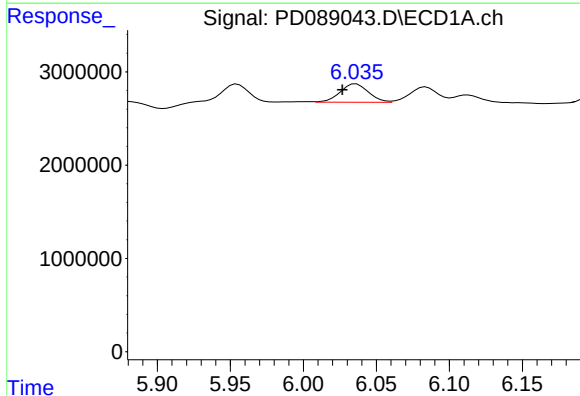
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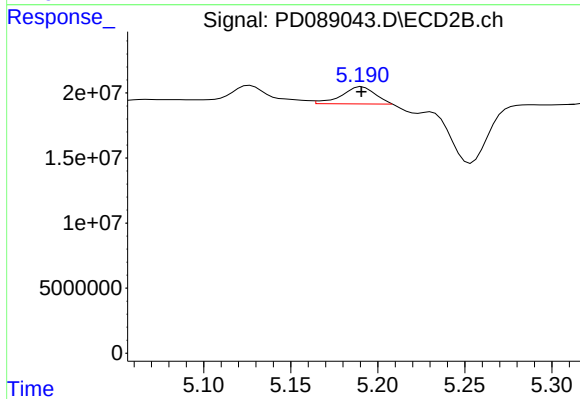
#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 17572354
Conc: 0.73 ng/ml m



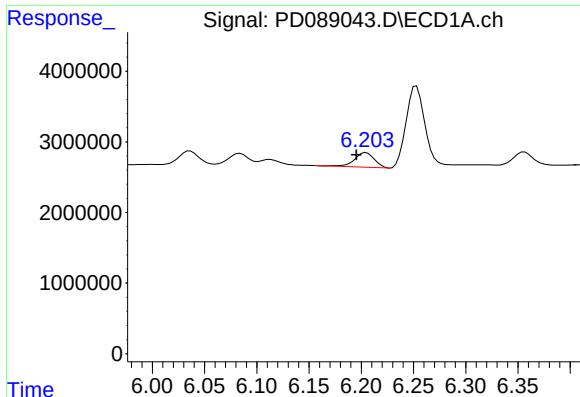
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.009 min
Response: 2654329
Conc: 0.55 ng/ml



#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 17470406
Conc: 0.76 ng/ml m



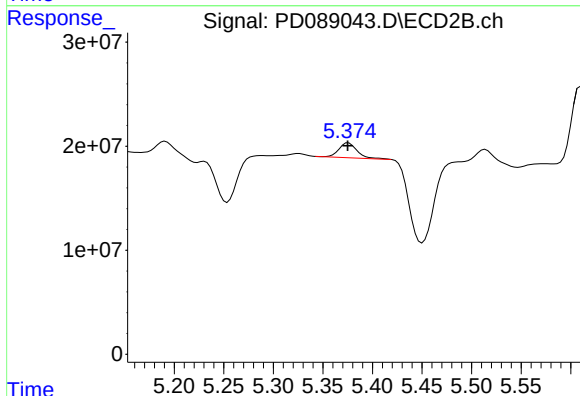
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.009 min
Response: 2709826
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

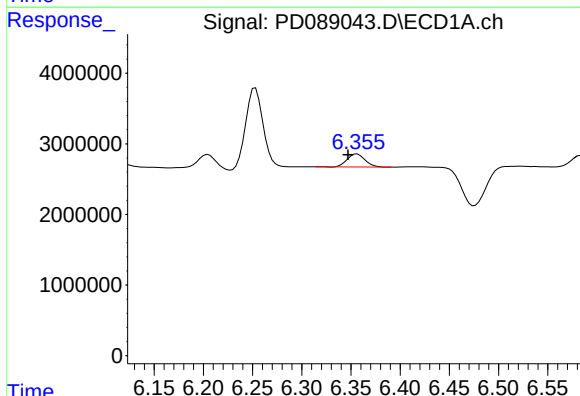
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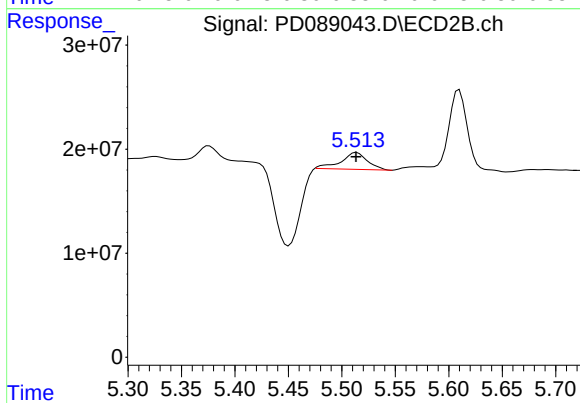
#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 18100184
Conc: 0.79 ng/ml



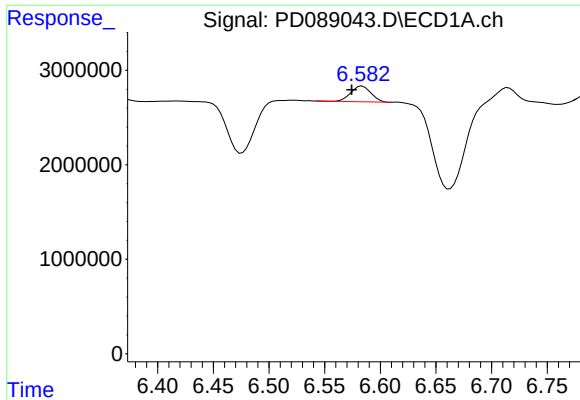
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.009 min
Response: 2347585
Conc: 0.49 ng/ml



#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 28000802
Conc: 1.21 ng/ml



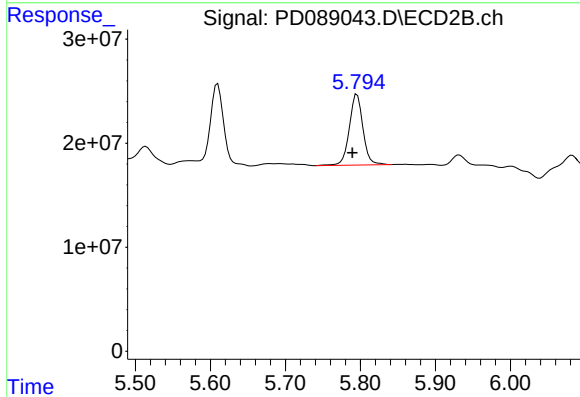
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.009 min
Response: 2086592
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

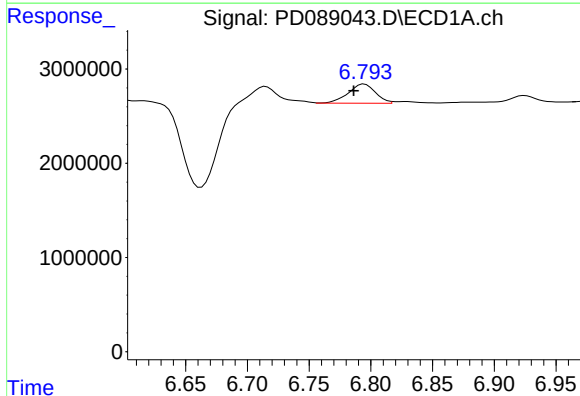
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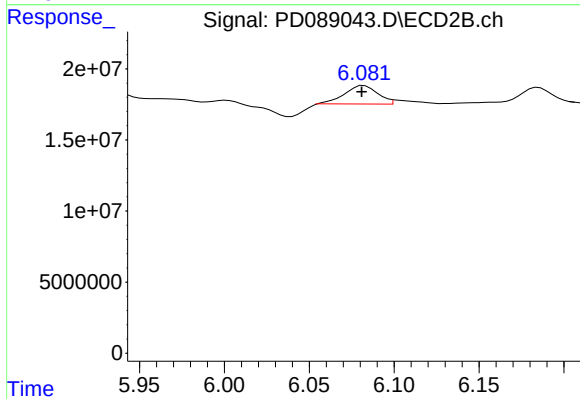
#14 Endrin

R.T.: 5.796 min
Delta R.T.: 0.006 min
Response: 85894810
Conc: 3.96 ng/ml



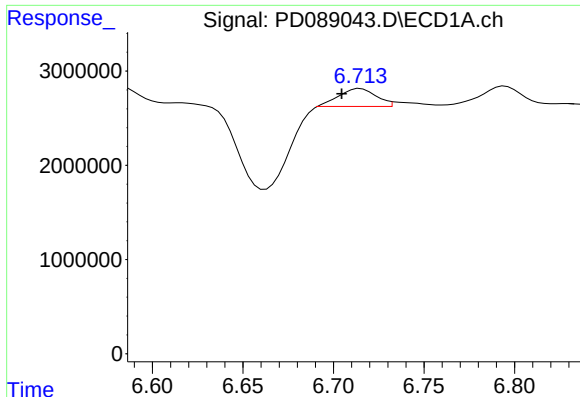
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.007 min
Response: 3165643
Conc: 0.78 ng/ml m



#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 17357750
Conc: 0.86 ng/ml m



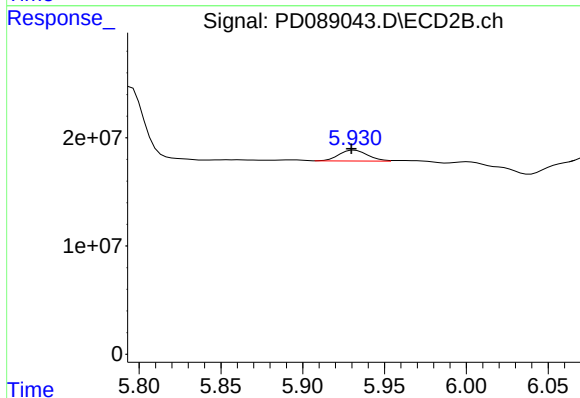
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.009 min
Response: 2682217
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

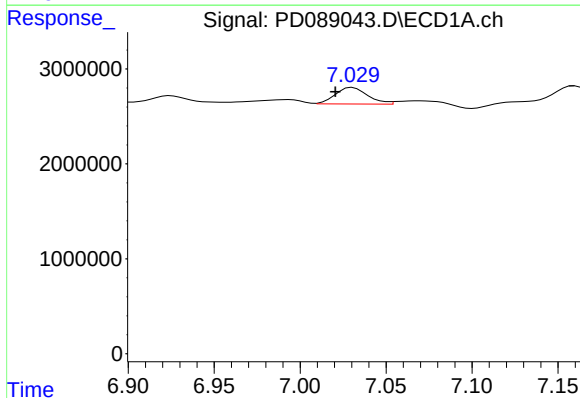
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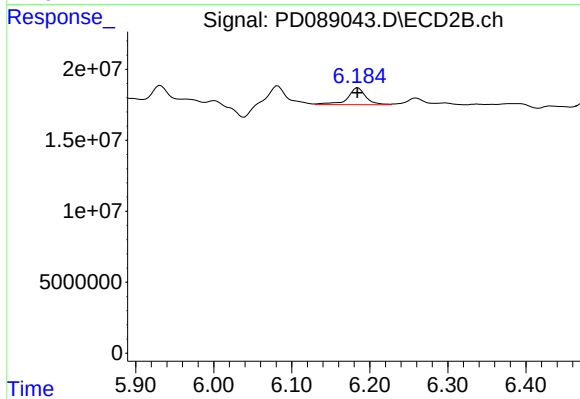
#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 12374223
Conc: 0.65 ng/ml m



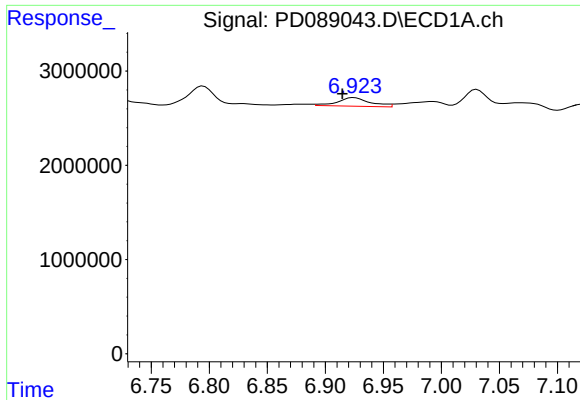
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.009 min
Response: 2311933
Conc: 0.61 ng/ml m



#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 19356420
Conc: 0.95 ng/ml



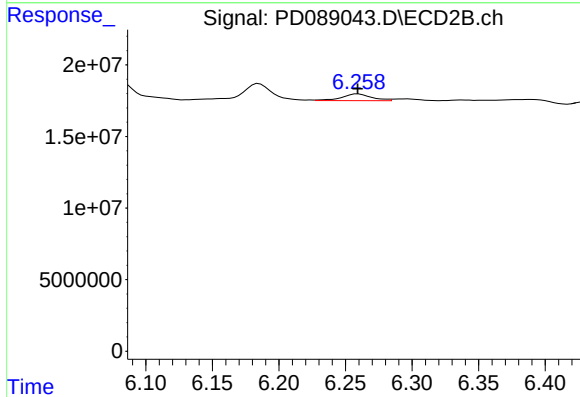
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.010 min
Response: 1789500
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

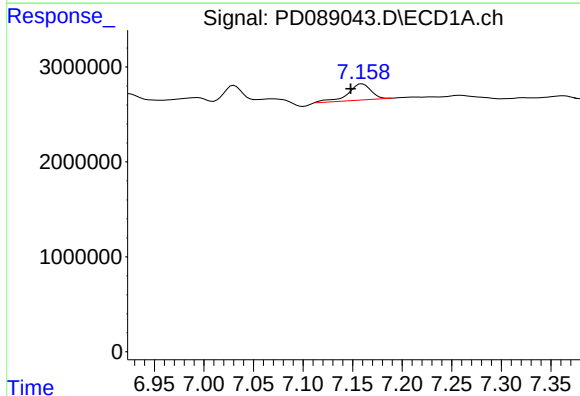
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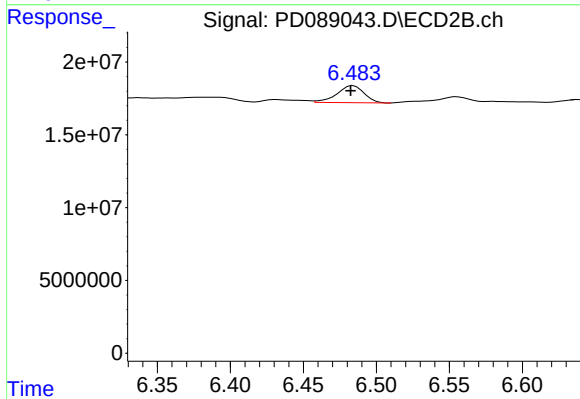
#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 7246555
Conc: 0.47 ng/ml



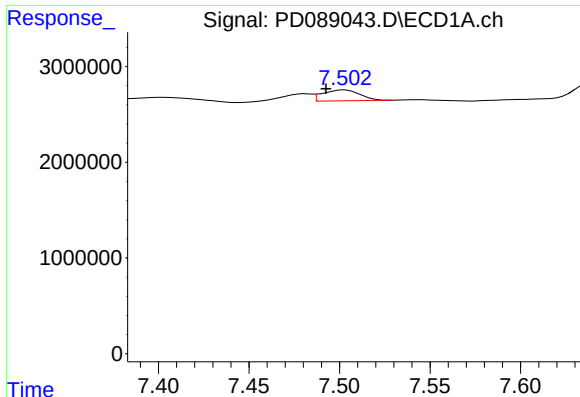
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.011 min
Response: 2840843
Conc: 0.74 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: 0.002 min
Response: 15131021
Conc: 0.77 ng/ml



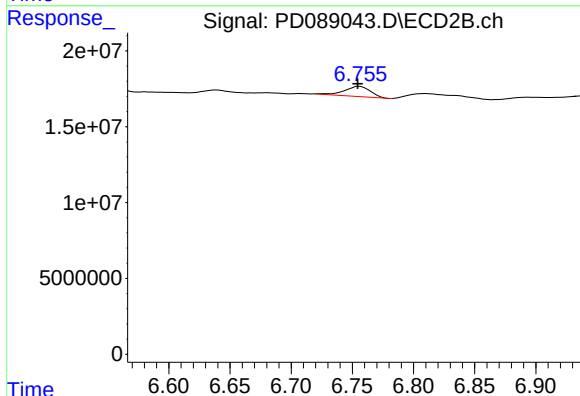
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 1623619
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

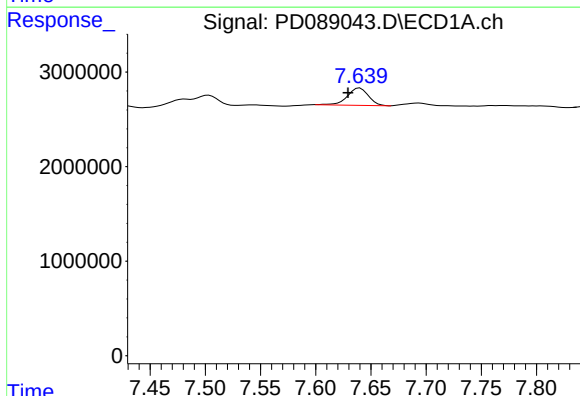
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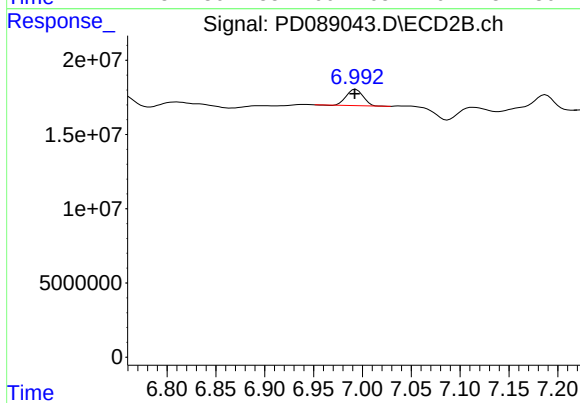
#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 9866349
Conc: 0.92 ng/ml



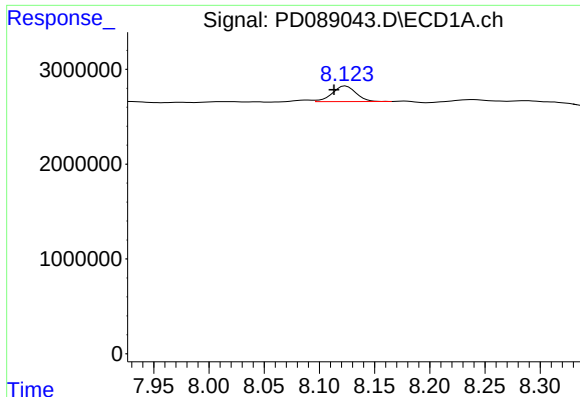
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.011 min
Response: 2430422
Conc: 0.60 ng/ml



#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: 0.001 min
Response: 13040164
Conc: 0.60 ng/ml



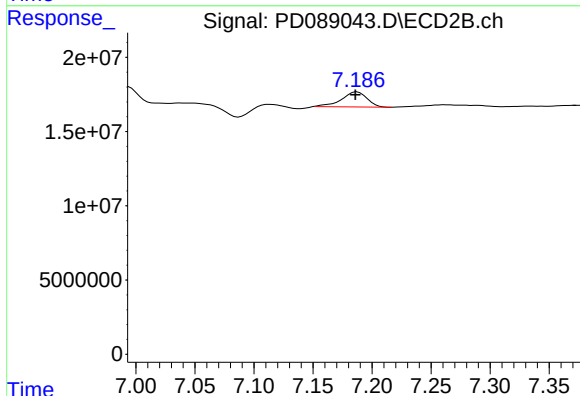
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.011 min
Response: 2452145
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025

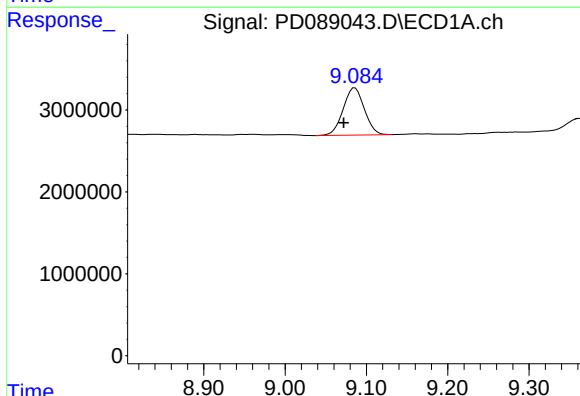
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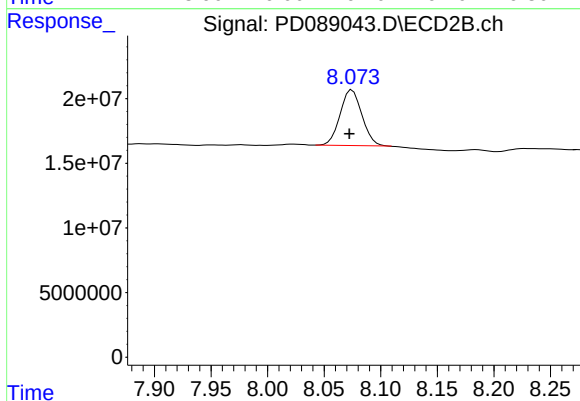
#22 Mirex

R.T.: 7.187 min
Delta R.T.: 0.002 min
Response: 15222234
Conc: 0.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.013 min
Response: 10408310
Conc: 2.65 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: 0.001 min
Response: 57950060
Conc: 2.93 ng/ml m