

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092622\
 Data File : PL077922.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2022 15:34
 Operator : AR\AJ
 Sample : N4809-07MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP3-0923MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/27/2022
 Supervised By : Ankita Jodhani 09/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 00:15:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.415	2.624	30025827	53381693	18.731	17.981
28)	SA Decachlor...	8.908	7.723	56377910	111.5E6	43.622	44.423
Target Compounds							
2)	A alpha-BHC	3.880	3.117	139.1E6	234.1E6	58.604	51.624
3)	MA gamma-BHC...	4.216	3.441	125.6E6	205.3E6	56.785	50.847
4)	MA Heptachlor	4.792	3.772	128.6E6	209.0E6	58.083	52.763
5)	MB Aldrin	5.132	4.046	124.8E6	214.0E6	62.791	56.403
6)	B beta-BHC	4.429	3.741	60652826	84796892	62.408	50.935
7)	B delta-BHC	4.673	3.964	90180921	178.3E6	43.922	43.932
8)	B Heptachlo...	5.566	4.546	102.1E6	177.7E6	58.541	52.552
9)	A Endosulfan I	5.952	4.912	92274248	143.3E6	57.253	45.431
10)	B gamma-Chl...	5.822	4.795	110.5E6	198.0E6	63.094	58.096
11)	B alpha-Chl...	5.898	4.857	110.0E6	178.1E6	63.707	53.774
12)	B 4,4'-DDE	6.076	5.052	83902783	185.2E6	52.708	56.912
13)	MA Dieldrin	6.230	5.175	99691523	197.6E6	61.765	59.610
14)	MA Endrin	6.461	5.447	85202027	177.8E6	61.607	62.365
15)	B Endosulfa...	6.690	5.743	87067772	153.9E6	63.030	58.395
16)	A 4,4'-DDD	6.602	5.605	83609293	133.3E6	71.408	51.458 #
17)	MA 4,4'-DDT	6.914	5.852	86271576	184.9E6	68.084	70.169
18)	B Endrin al...	6.821	5.923	74034194	126.5E6	70.010	61.287
19)	B Endosulfa...	7.054	6.145	67834939	146.7E6	52.971	54.541
20)	A Methoxychlor	7.396	6.429	36120421	91871680	54.691	67.088m
21)	B Endrin ke...	7.542	6.645	72203797	139.8E6	52.254m	46.177
22)	Mirex	8.002	6.821	55005021	105.6E6	52.386m	49.124

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092622\
Data File : PL077922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2022 15:34
Operator : AR\AJ
Sample : N4809-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

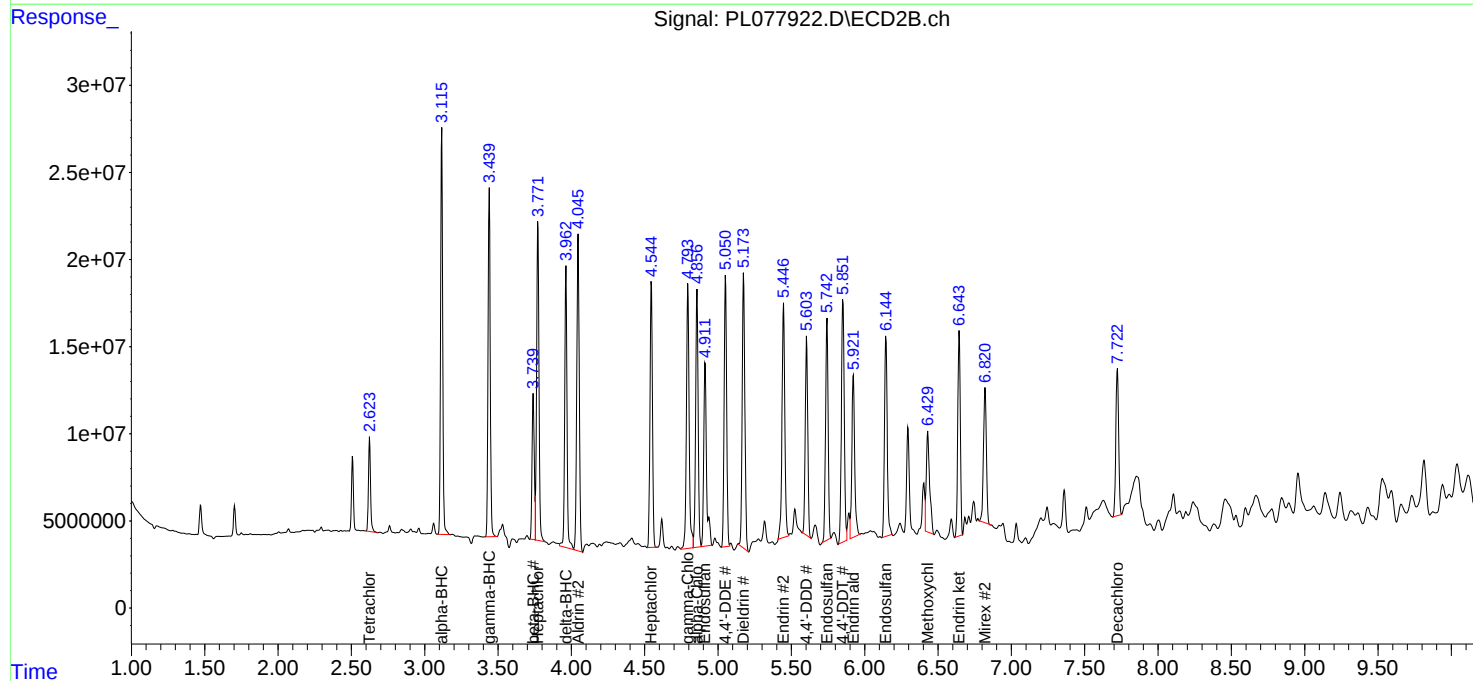
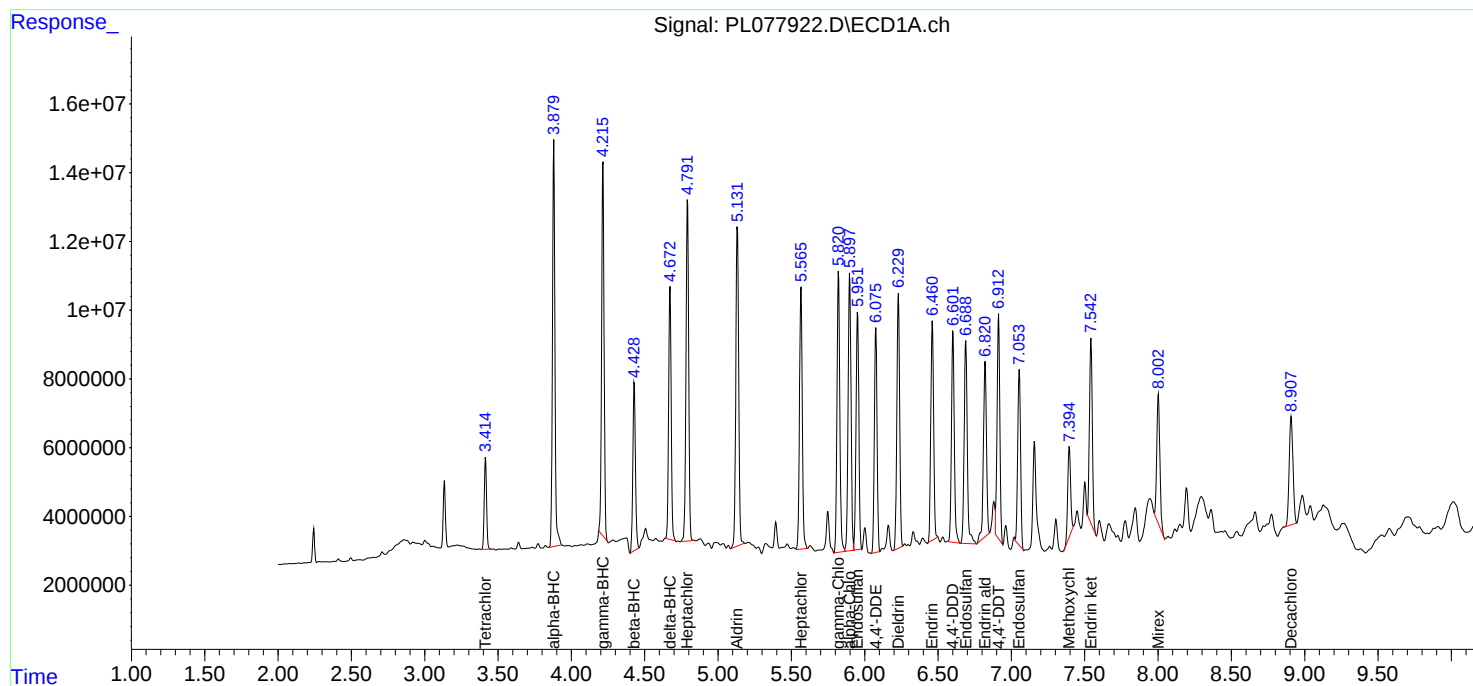
Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

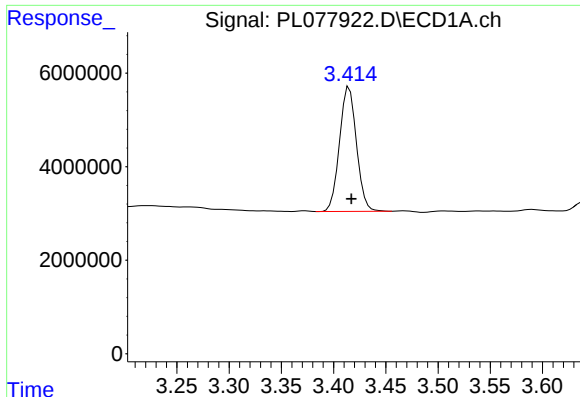
Manual Integrations
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Reviewed By :Abdul Mirza 09/27/2022
Supervised By :Ankita Jodhani 09/27/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 00:15:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
Quant Title : GC Extractables
QLast Update : Tue Sep 13 13:26:11 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





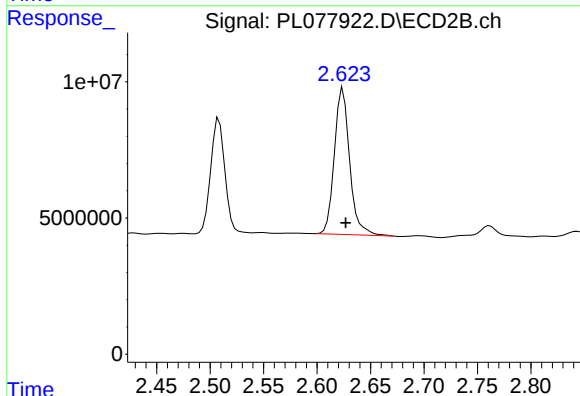
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 30025827
Conc: 18.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

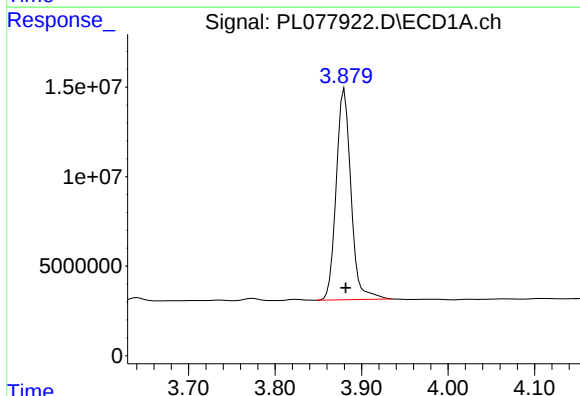
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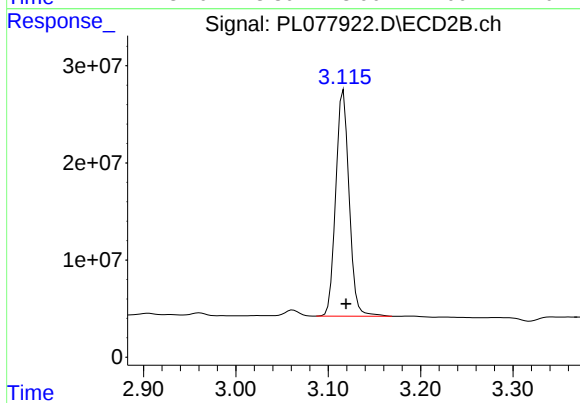
#1 Tetrachloro-m-xylene

R.T.: 2.624 min
Delta R.T.: -0.003 min
Response: 53381693
Conc: 17.98 ng/ml



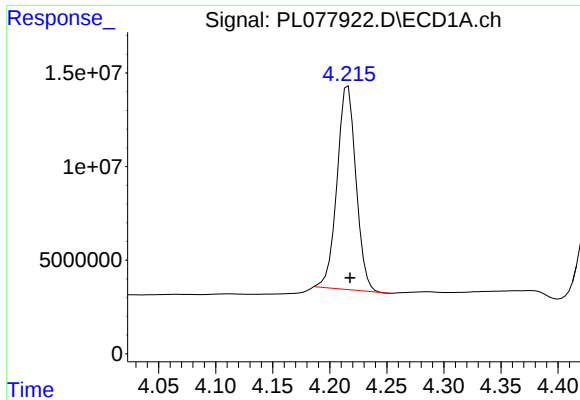
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 139072628
Conc: 58.60 ng/ml



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: -0.003 min
Response: 234123692
Conc: 51.62 ng/ml



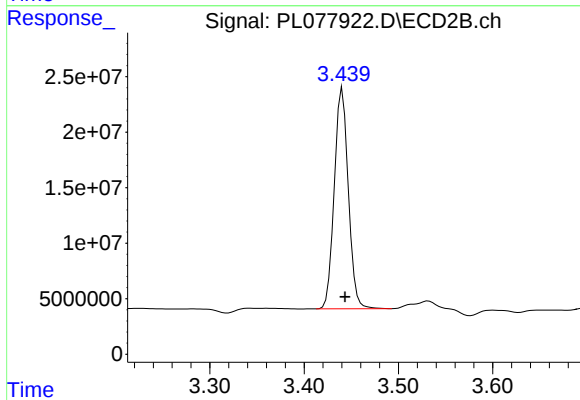
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 125632665
Conc: 56.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

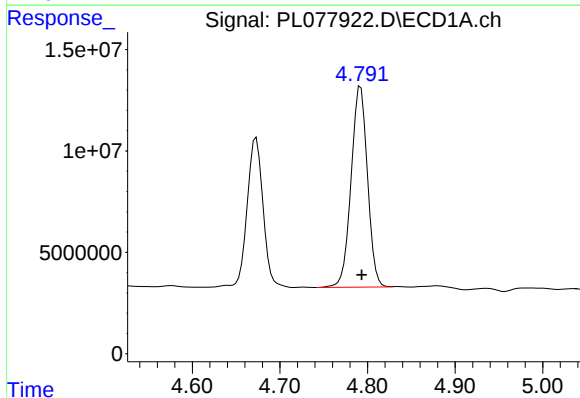
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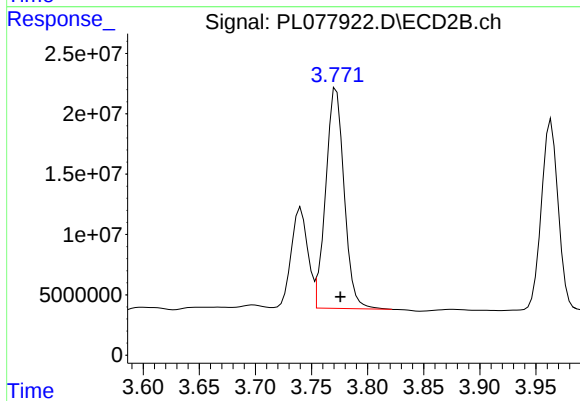
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.003 min
Response: 205332281
Conc: 50.85 ng/ml



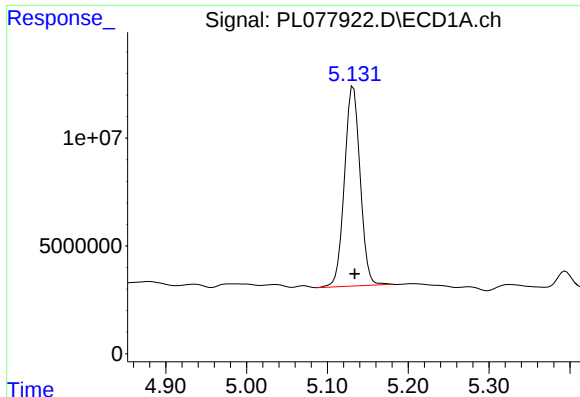
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: -0.001 min
Response: 128599291
Conc: 58.08 ng/ml



#4 Heptachlor

R.T.: 3.772 min
Delta R.T.: -0.003 min
Response: 208973435
Conc: 52.76 ng/ml



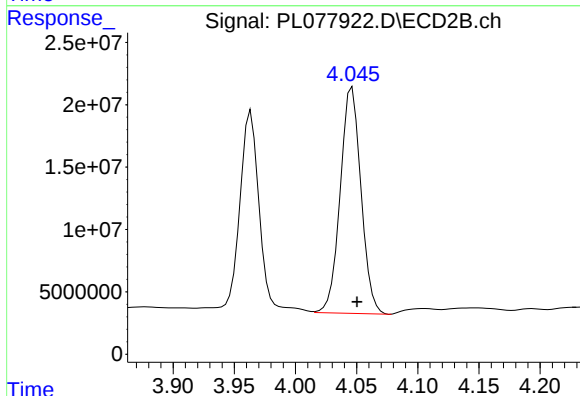
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 124792826
Conc: 62.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

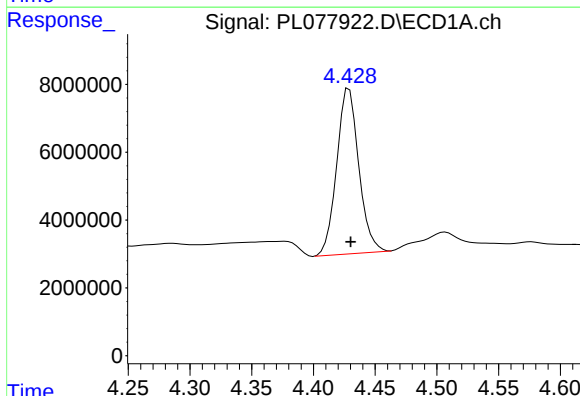
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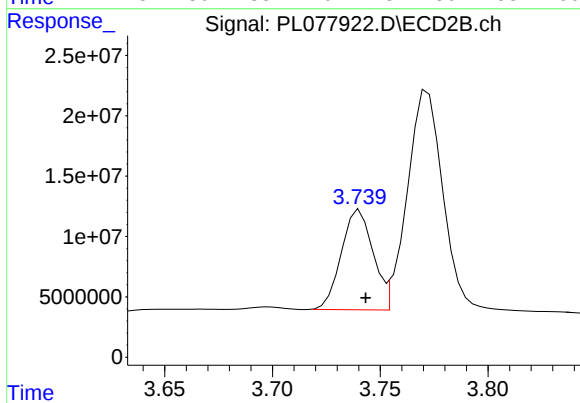
#5 Aldrin

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 214043576
Conc: 56.40 ng/ml



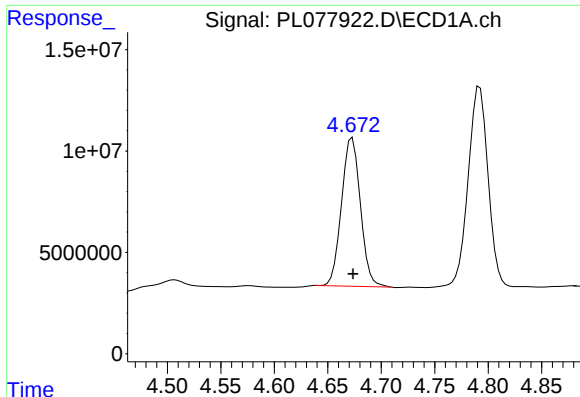
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.001 min
Response: 60652826
Conc: 62.41 ng/ml



#6 beta-BHC

R.T.: 3.741 min
Delta R.T.: -0.003 min
Response: 84796892
Conc: 50.93 ng/ml



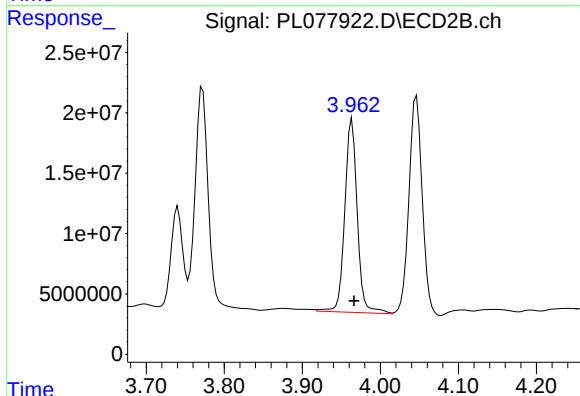
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 90180921
Conc: 43.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

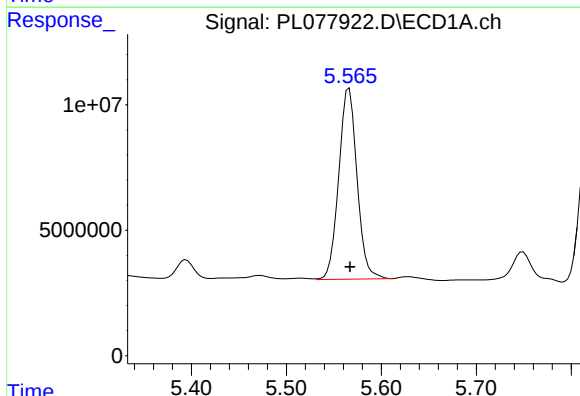
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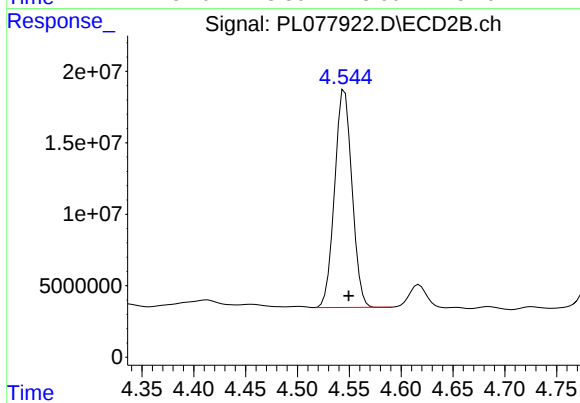
#7 delta-BHC

R.T.: 3.964 min
Delta R.T.: -0.003 min
Response: 178266557
Conc: 43.93 ng/ml



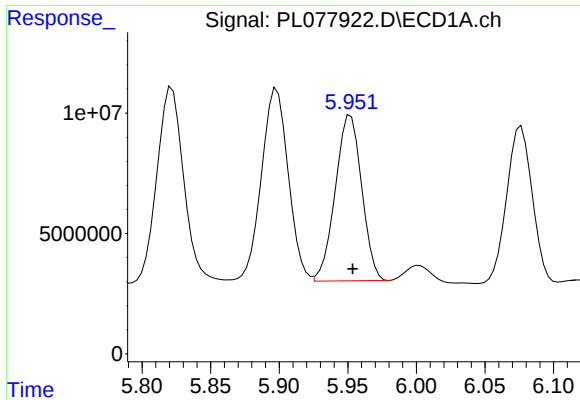
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 102054907
Conc: 58.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.546 min
Delta R.T.: -0.004 min
Response: 177699715
Conc: 52.55 ng/ml



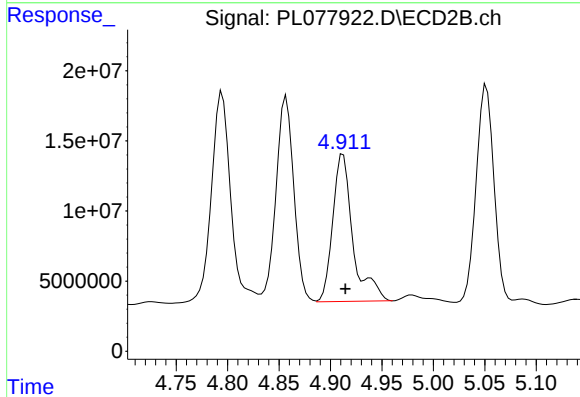
#9 Endosulfan I

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 92274248
Conc: 57.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

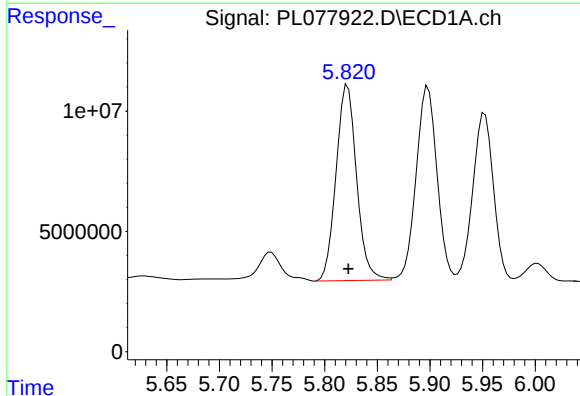
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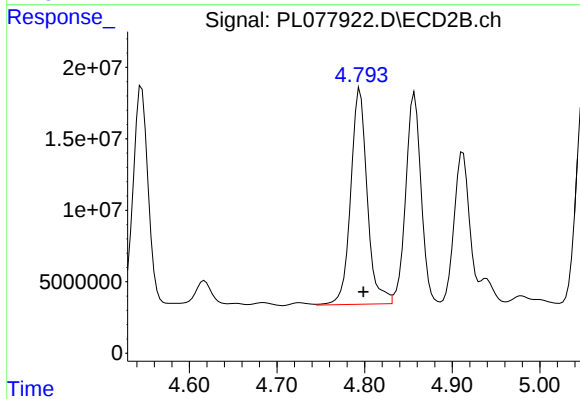
#9 Endosulfan I

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 143344409
Conc: 45.43 ng/ml



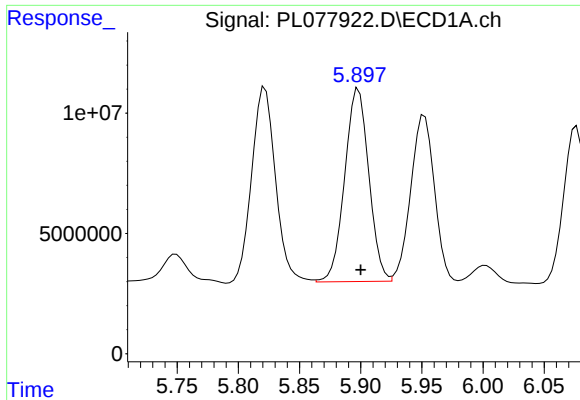
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 110470148
Conc: 63.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 198008075
Conc: 58.10 ng/ml



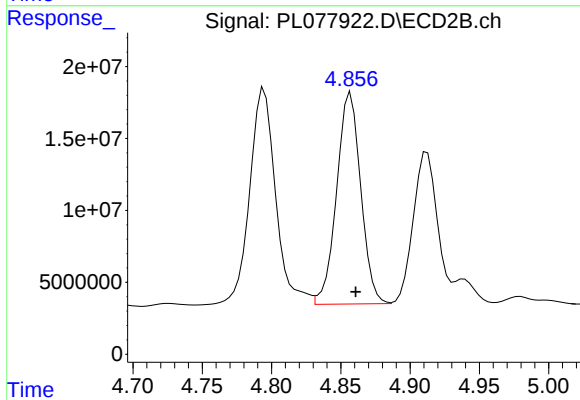
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 110043170
Conc: 63.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

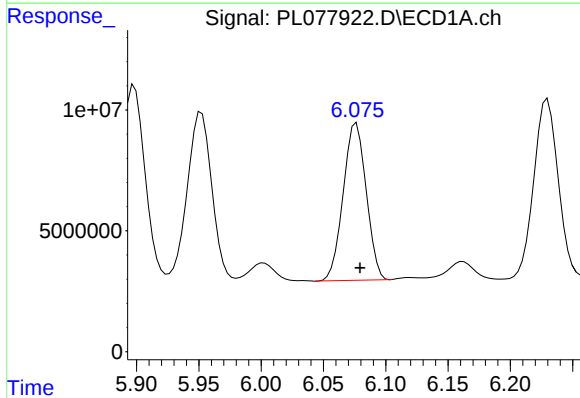
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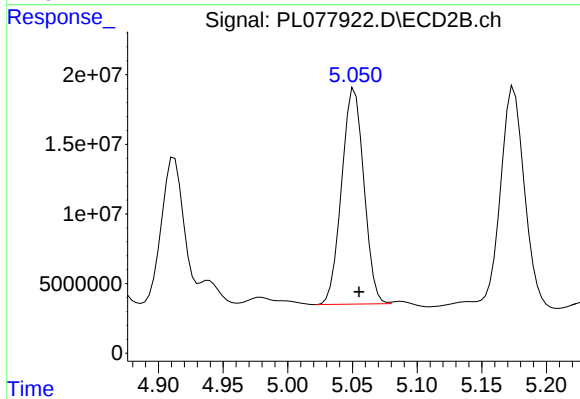
#11 alpha-Chlordane

R.T.: 4.857 min
Delta R.T.: -0.004 min
Response: 178082065
Conc: 53.77 ng/ml



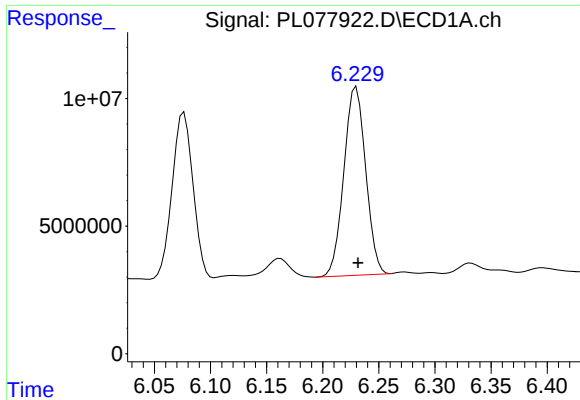
#12 4,4'-DDE

R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 83902783
Conc: 52.71 ng/ml



#12 4,4'-DDE

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 185182052
Conc: 56.91 ng/ml



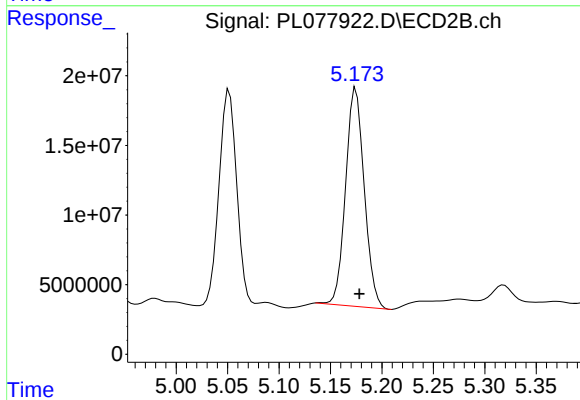
#13 Dieldrin

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 99691523
Conc: 61.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

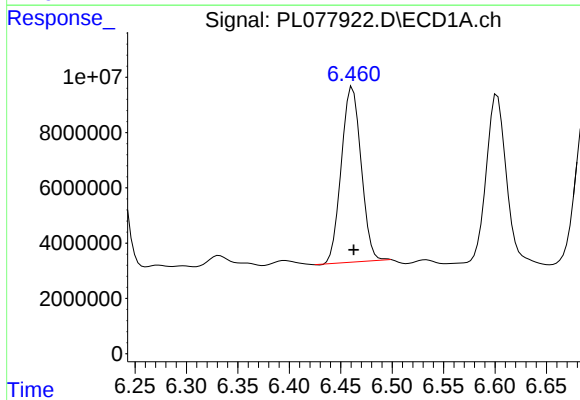
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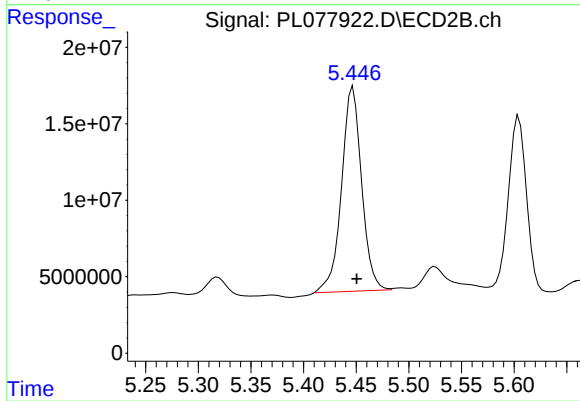
#13 Dieldrin

R.T.: 5.175 min
Delta R.T.: -0.003 min
Response: 197649689
Conc: 59.61 ng/ml



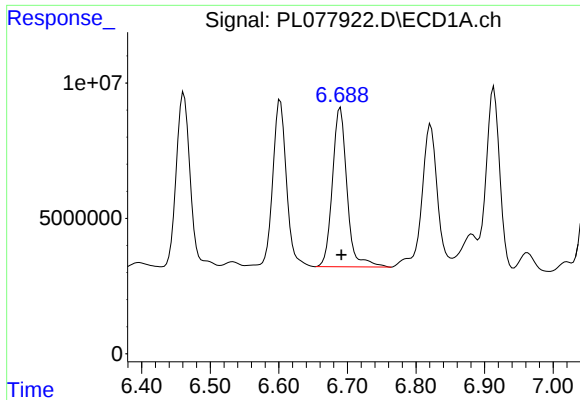
#14 Endrin

R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 85202027
Conc: 61.61 ng/ml



#14 Endrin

R.T.: 5.447 min
Delta R.T.: -0.004 min
Response: 177832031
Conc: 62.36 ng/ml



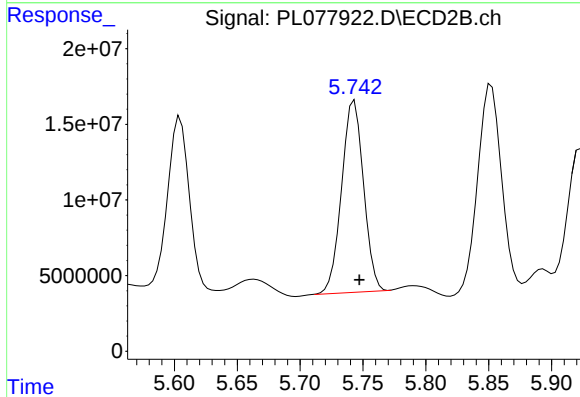
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: -0.001 min
Response: 87067772
Conc: 63.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

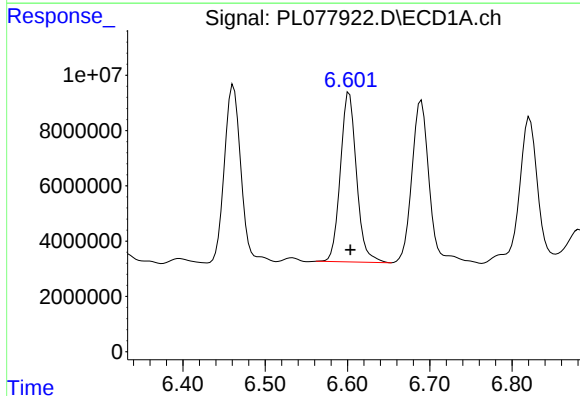
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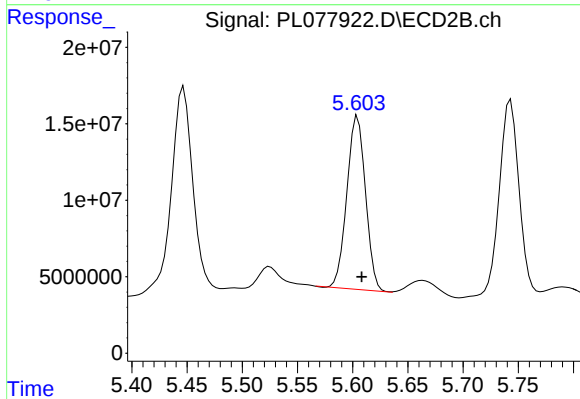
#15 Endosulfan II

R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 153881530
Conc: 58.40 ng/ml



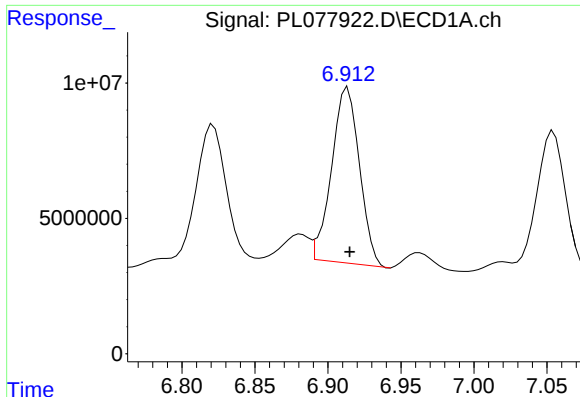
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 83609293
Conc: 71.41 ng/ml



#16 4,4'-DDD

R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 133306983
Conc: 51.46 ng/ml



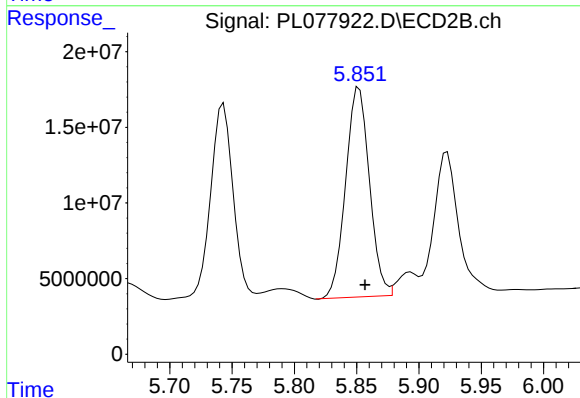
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 86271576
Conc: 68.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

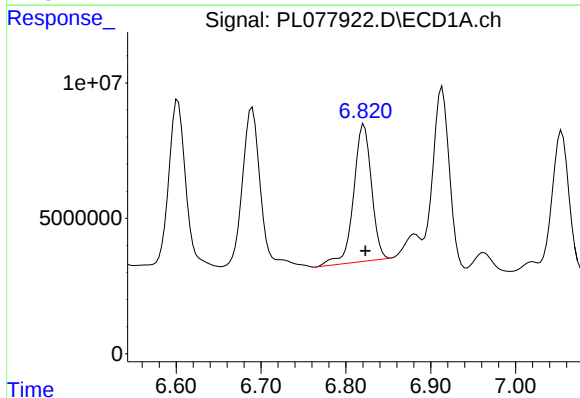
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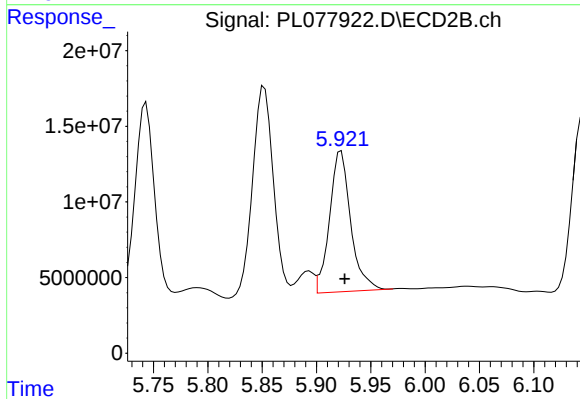
#17 4,4'-DDT

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 184880424
Conc: 70.17 ng/ml



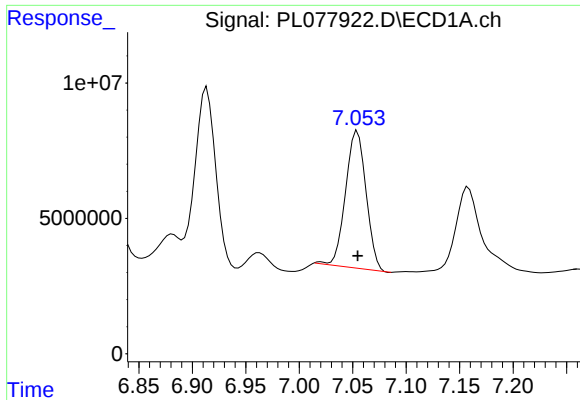
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: -0.002 min
Response: 74034194
Conc: 70.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 126468881
Conc: 61.29 ng/ml



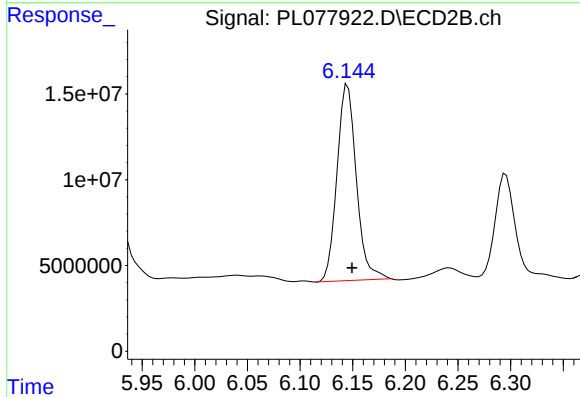
#19 Endosulfan Sulfate

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 67834939
Conc: 52.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

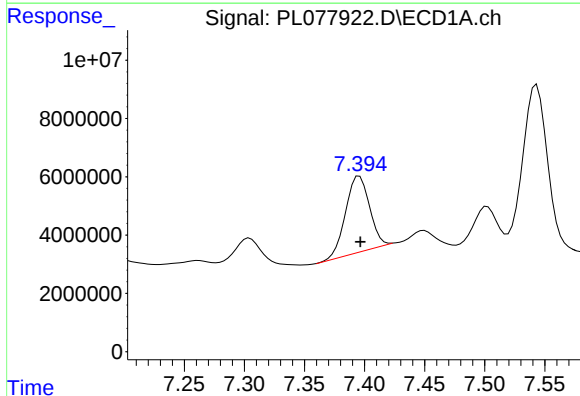
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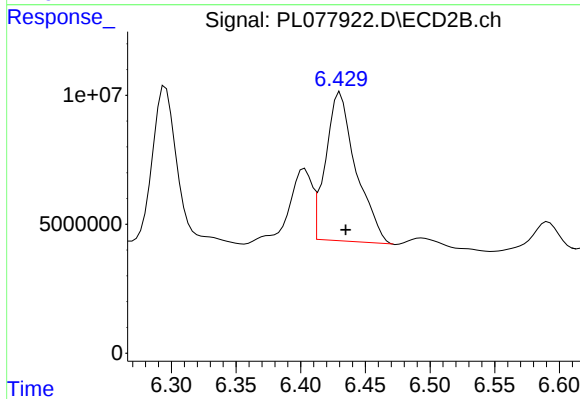
#19 Endosulfan Sulfate

R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 146670431
Conc: 54.54 ng/ml



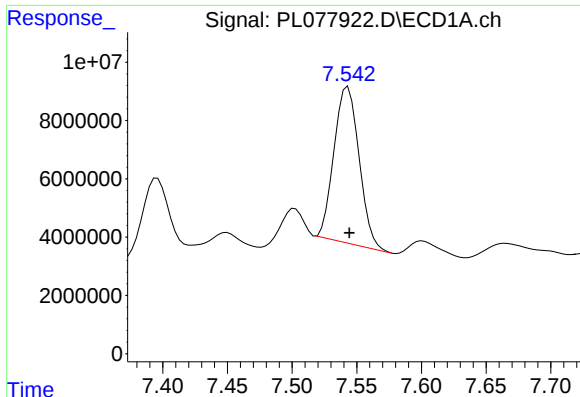
#20 Methoxychlor

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 36120421
Conc: 54.69 ng/ml



#20 Methoxychlor

R.T.: 6.429 min
Delta R.T.: -0.006 min
Response: 91871680
Conc: 67.09 ng/ml m



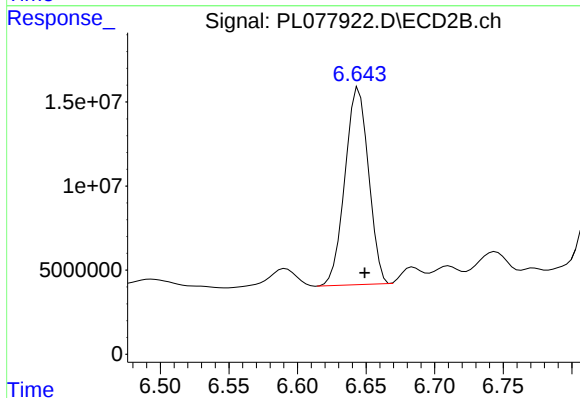
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.003 min
Response: 72203797
Conc: 52.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP3-0923MSD

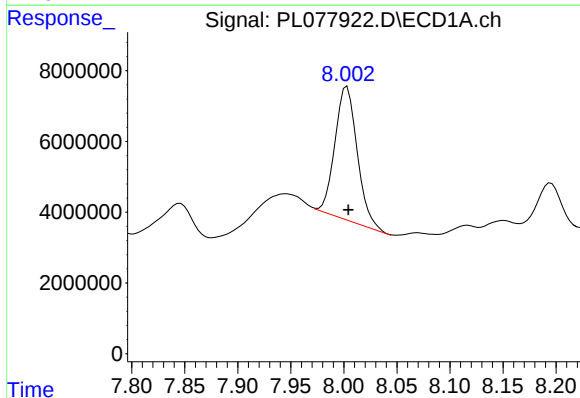
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/27/2022
Supervised By :Ankita Jodhani 09/27/2022



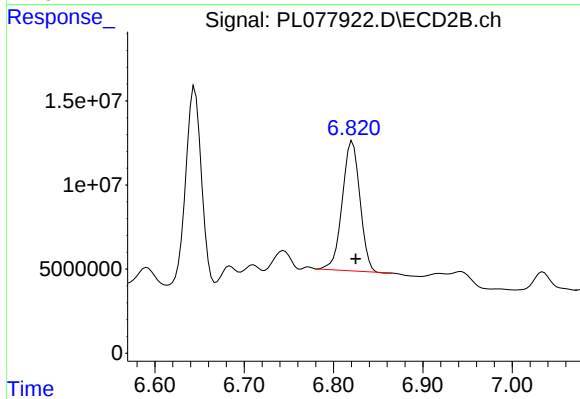
#21 Endrin ketone

R.T.: 6.645 min
Delta R.T.: -0.004 min
Response: 139840130
Conc: 46.18 ng/ml



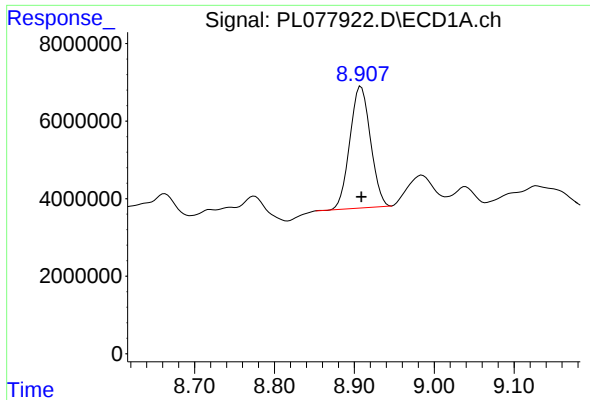
#22 Mirex

R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 55005021
Conc: 52.39 ng/ml m



#22 Mirex

R.T.: 6.821 min
Delta R.T.: -0.004 min
Response: 105609716
Conc: 49.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 56377910
Conc: 43.62 ng/ml

Instrument :

ECD_L

ClientSampleId :

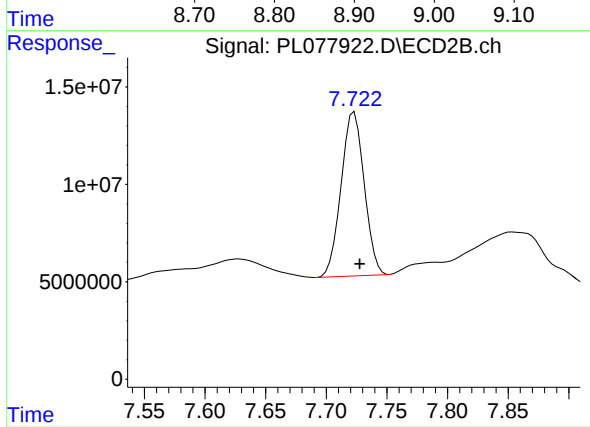
TP3-0923MSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.723 min
Delta R.T.: -0.004 min
Response: 111511354
Conc: 44.42 ng/ml