

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071323\
 Data File : PL083889.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 17:49
 Operator : AR\AJ
 Sample : PB154159BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB154159BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/14/2023
 Supervised By : Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 00:13:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 2023
 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...	3.475	2.687	32633638	18032790	16.318	16.237
28)	SA Decachlor...	9.023	7.871	25819290	21710301	19.836	19.539
Target Compounds							
2)	A alpha-BHC	3.931	3.191	141.9E6	108.1E6	48.420m	67.256m#
3)	MA gamma-BHC...	4.264	3.523	131.2E6	97049301	46.439m	63.819 #
4)	MA Heptachlor	4.858	3.865	154.5E6	67652944	56.843	57.407
5)	MB Aldrin	5.199	4.145	141.7E6	72144195	49.480m	47.846
6)	B beta-BHC	4.465	3.825	59865600	33037881	49.894	50.053
7)	B delta-BHC	4.711	4.053	138.6E6	78529262	51.995	51.915
8)	B Heptachlo...	5.630	4.652	132.1E6	65883883	49.472	51.304
9)	A Endosulfan I	6.016	5.022	114.9E6	62751211	48.513	51.162
10)	B gamma-Chl...	5.888	4.905	125.2E6	68984485	48.499	51.784
11)	B alpha-Chl...	5.967	4.969	122.4E6	68429460	48.157	50.796
12)	B 4,4'-DDE	6.146	5.167	104.4E6	64672193	51.896	52.650
13)	MA Dieldrin	6.292	5.289	115.1E6	65856777	48.149m	50.568
14)	MA Endrin	6.522	5.564	93974956	59261877	49.346	53.912
15)	B Endosulfa...	6.742	5.862	86743055	55987744	46.280m	48.713
16)	A 4,4'-DDD	6.665	5.725	78340068	53885155	53.346	56.169
17)	MA 4,4'-DDT	6.981	5.976	82106190	52857975	51.484	58.035
18)	B Endrin al...	6.874	6.043	69630556	46000478	47.526	51.172
19)	B Endosulfa...	7.109	6.268	83628383	57771780	48.377	52.567
20)	A Methoxychlor	7.462	6.562	39723203	28493462	50.783	59.455
21)	B Endrin ke...	7.594	6.773	83054966	67507951	47.393	52.247
22)	Mirex	8.069	6.954	67404801	52483866	47.105	51.421

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071323\
Data File : PL083889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2023 17:49
Operator : AR\AJ
Sample : PB154159BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

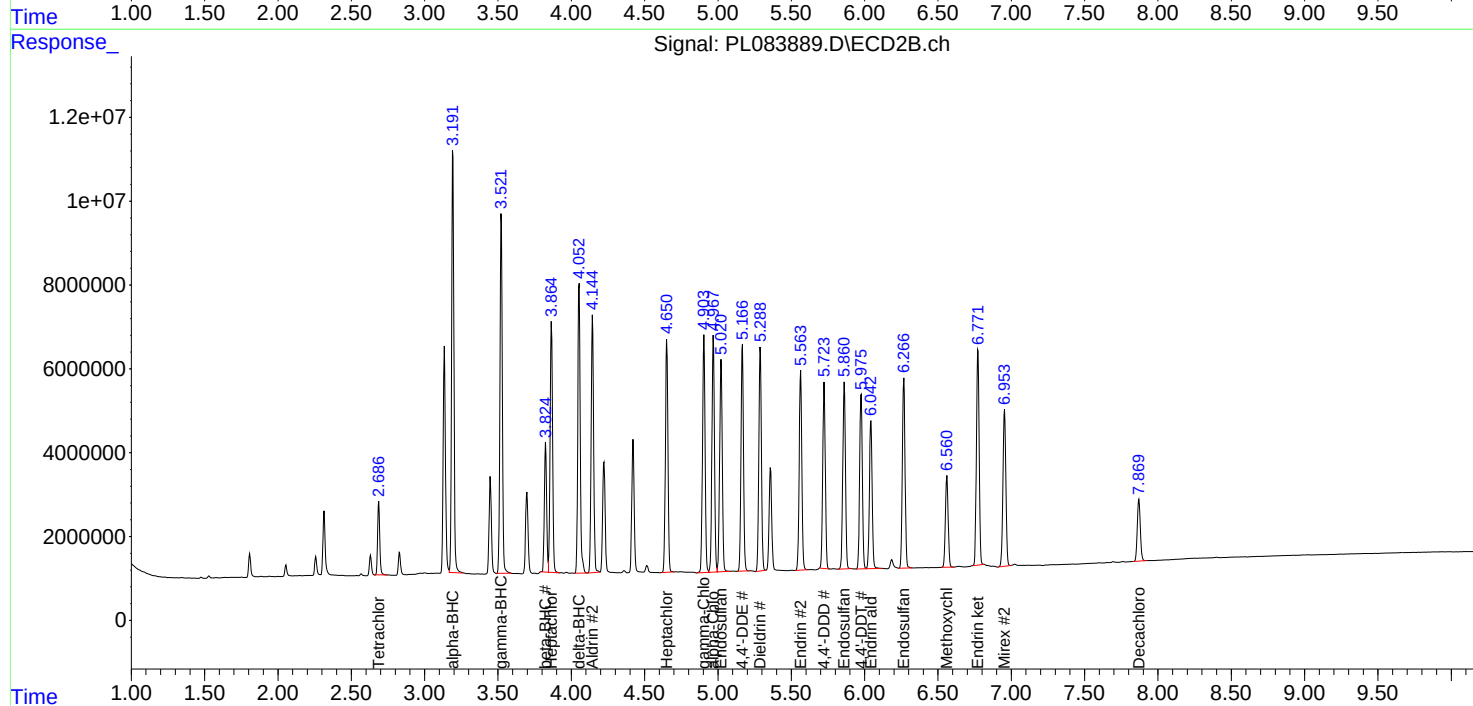
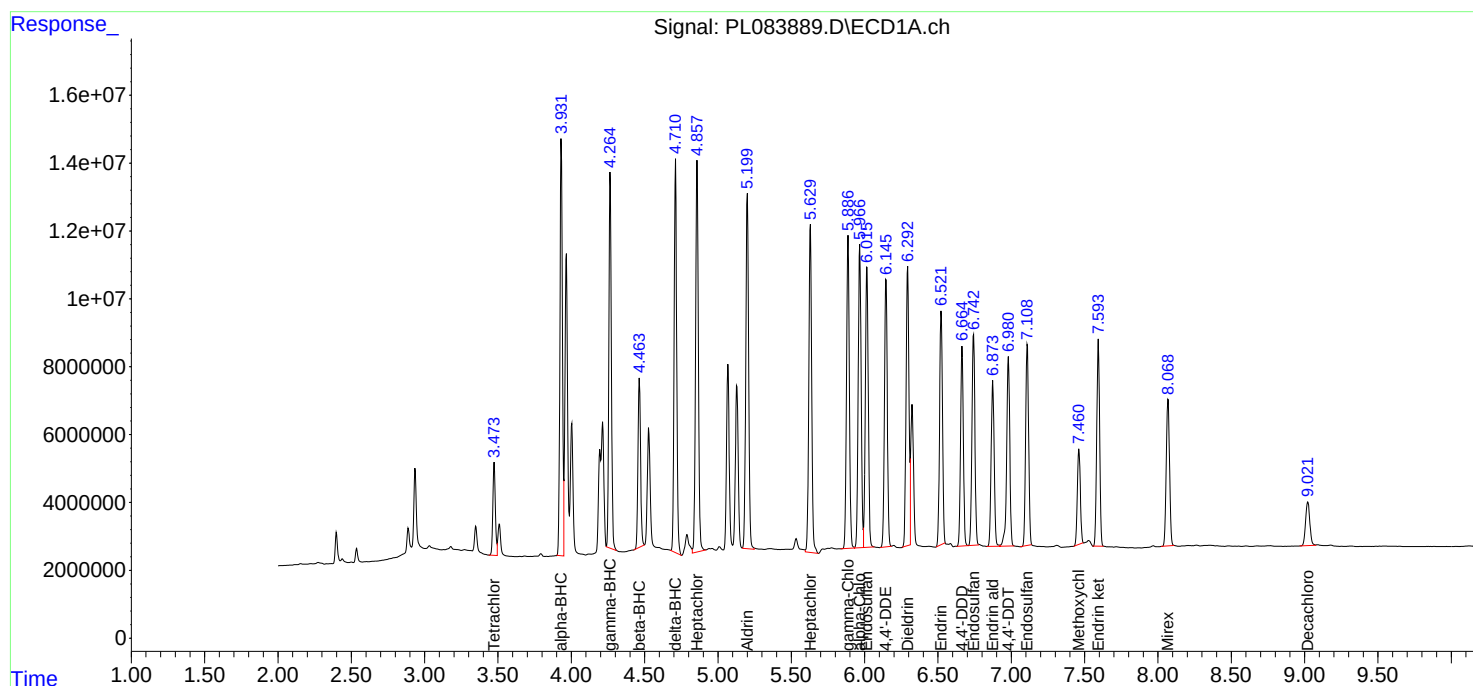
Instrument :
ECD_L
ClientSampleId :
PB154159BS

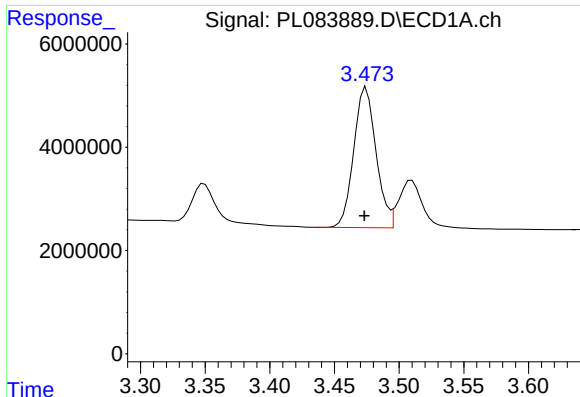
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 00:13:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 2023
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





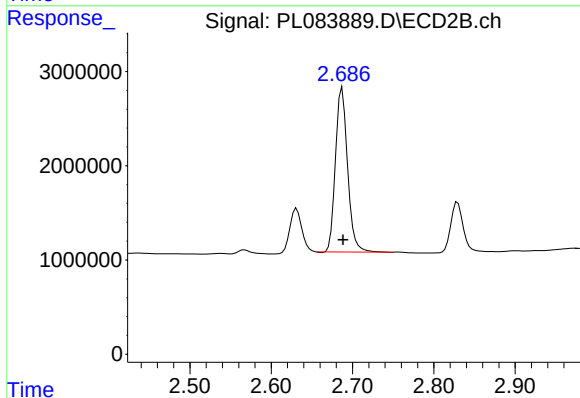
#1 Tetrachloro-m-xylene

R.T.: 3.475 min
Delta R.T.: 0.002 min
Response: 32633638
Conc: 16.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

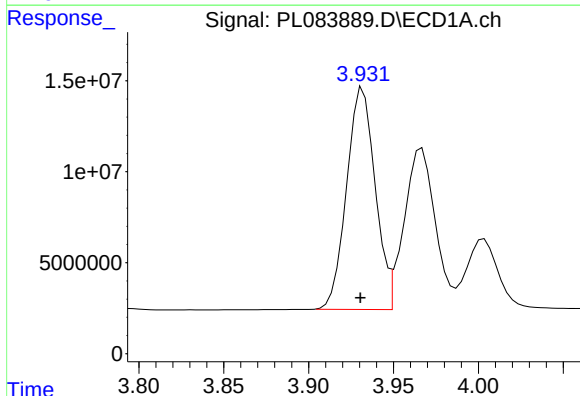
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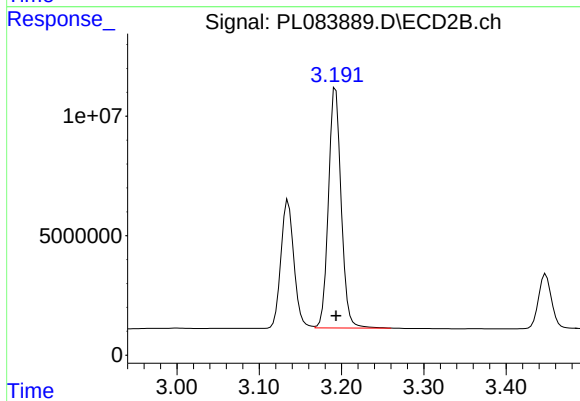
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.001 min
Response: 18032790
Conc: 16.24 ng/ml



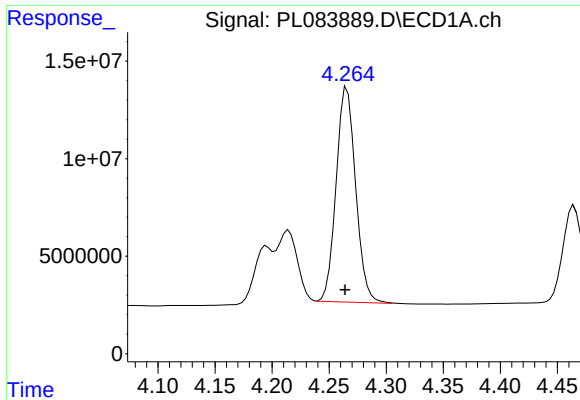
#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 141860529
Conc: 48.42 ng/ml m



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.002 min
Response: 108138807
Conc: 67.26 ng/ml m



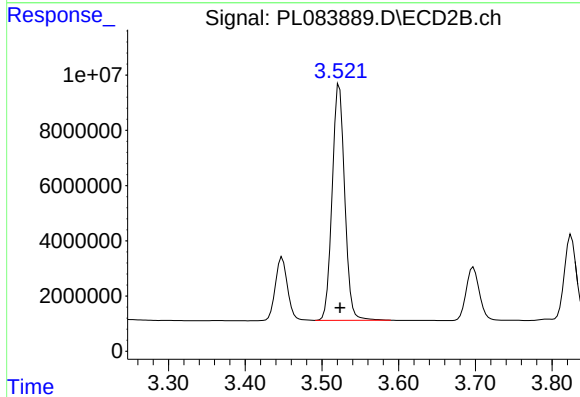
#3 gamma-BHC (Lindane)

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 131207159
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

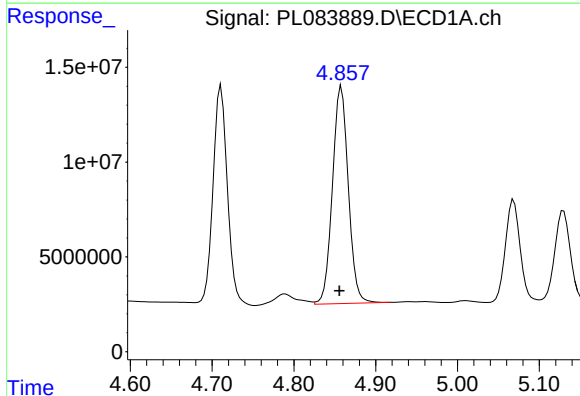
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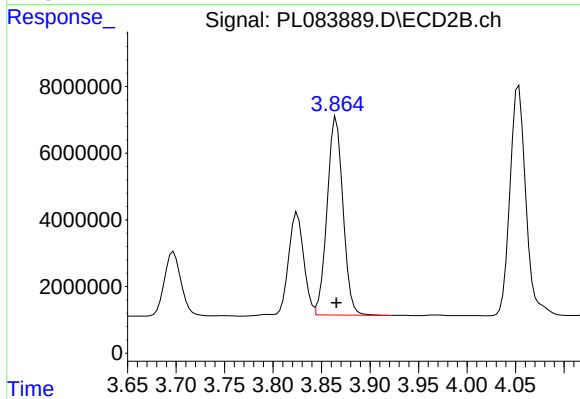
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 97049301
Conc: 63.82 ng/ml



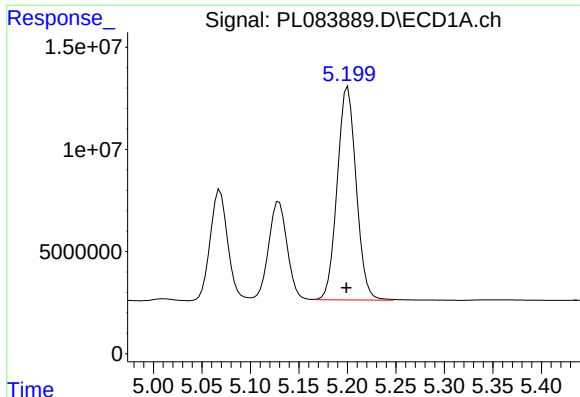
#4 Heptachlor

R.T.: 4.858 min
Delta R.T.: 0.002 min
Response: 154475667
Conc: 56.84 ng/ml



#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 67652944
Conc: 57.41 ng/ml



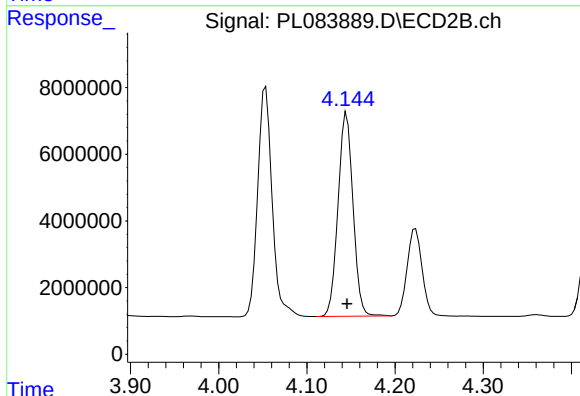
#5 Aldrin

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 141721326
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

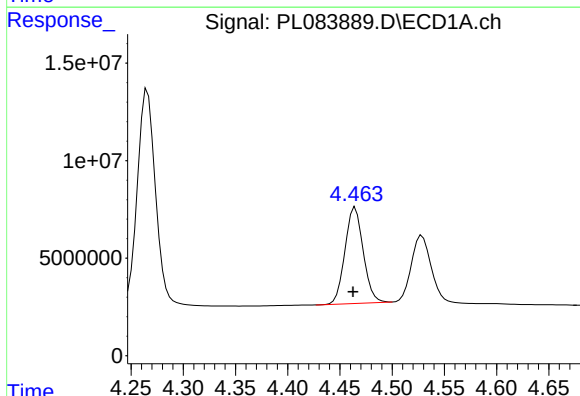
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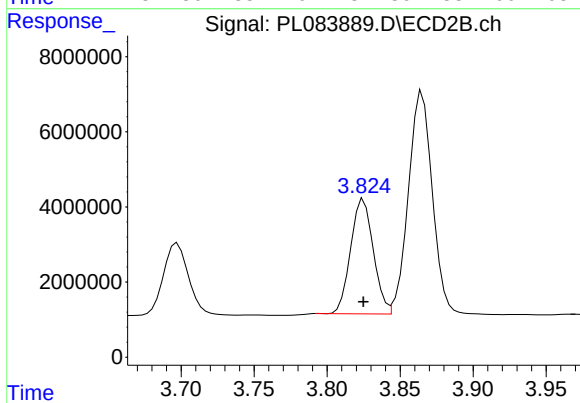
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 72144195
Conc: 47.85 ng/ml



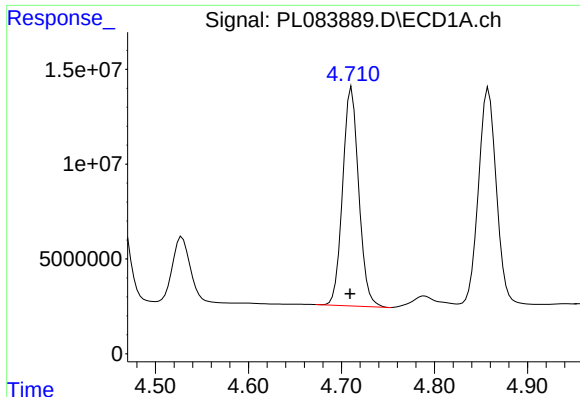
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.002 min
Response: 59865600
Conc: 49.89 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 33037881
Conc: 50.05 ng/ml



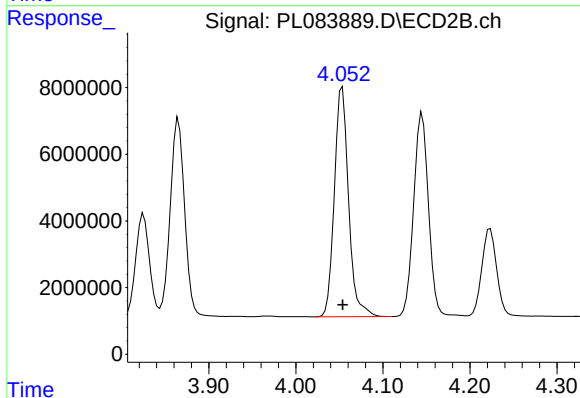
#7 delta-BHC

R.T.: 4.711 min
Delta R.T.: 0.002 min
Response: 138608331
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

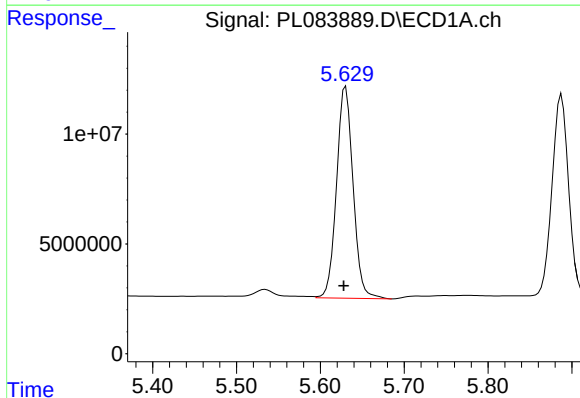
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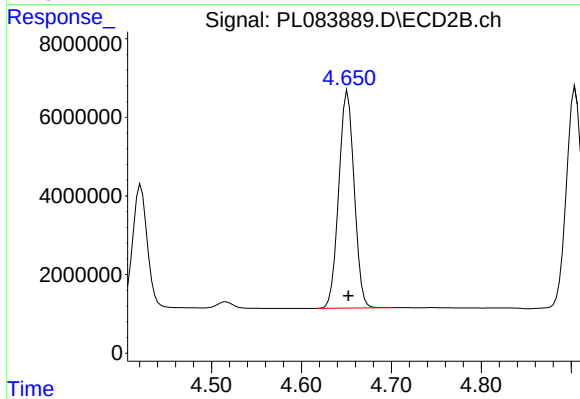
#7 delta-BHC

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 78529262
Conc: 51.92 ng/ml



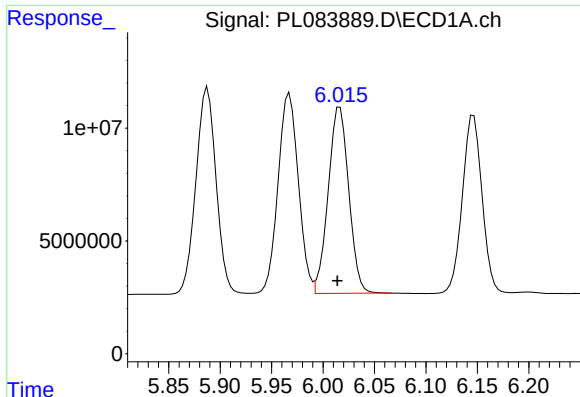
#8 Heptachlor epoxide

R.T.: 5.630 min
Delta R.T.: 0.002 min
Response: 132069149
Conc: 49.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 65883883
Conc: 51.30 ng/ml



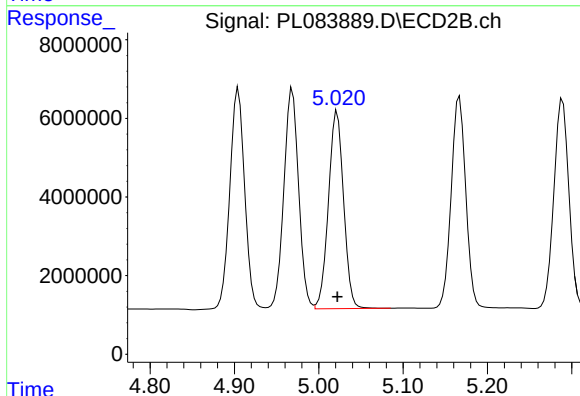
#9 Endosulfan I

R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 114888965
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

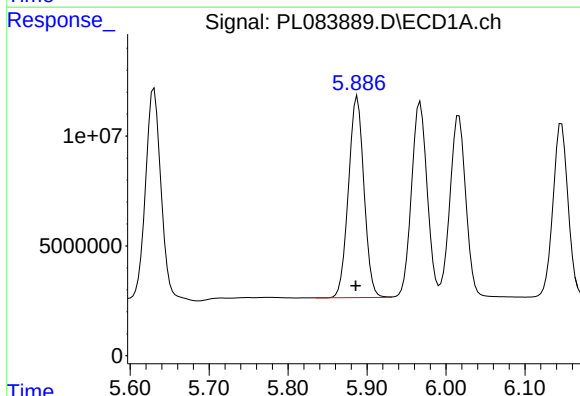
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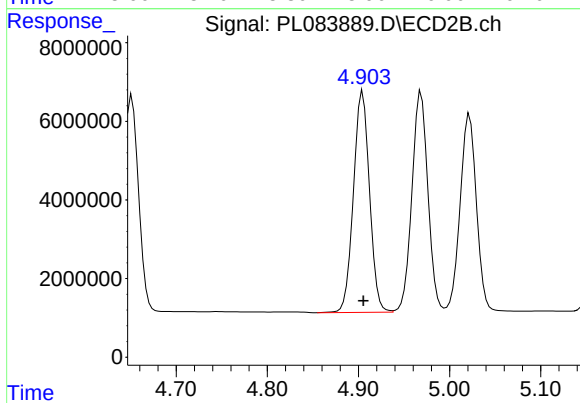
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 62751211
Conc: 51.16 ng/ml



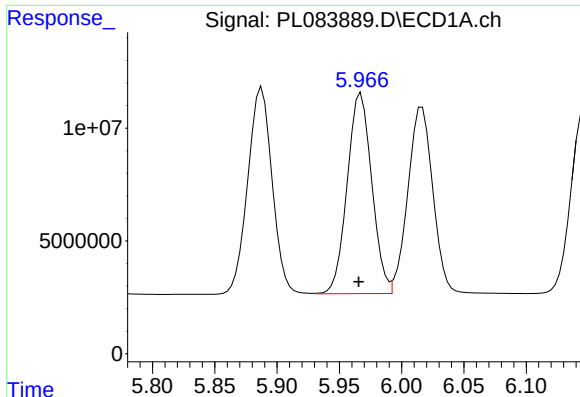
#10 gamma-Chlordane

R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 125221983
Conc: 48.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 68984485
Conc: 51.78 ng/ml



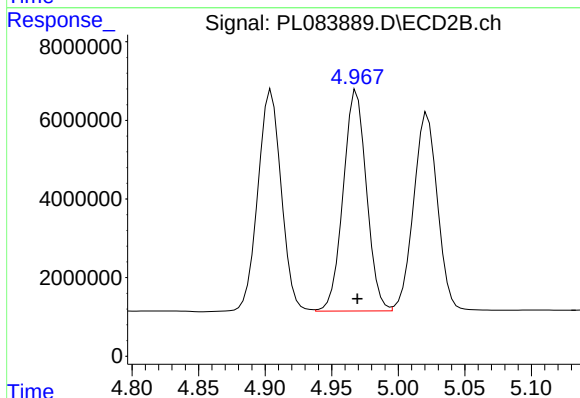
#11 alpha-Chlordane

R.T.: 5.967 min
Delta R.T.: 0.002 min
Response: 122416946
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

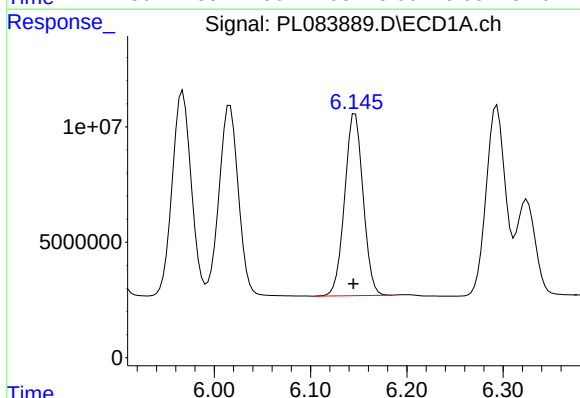
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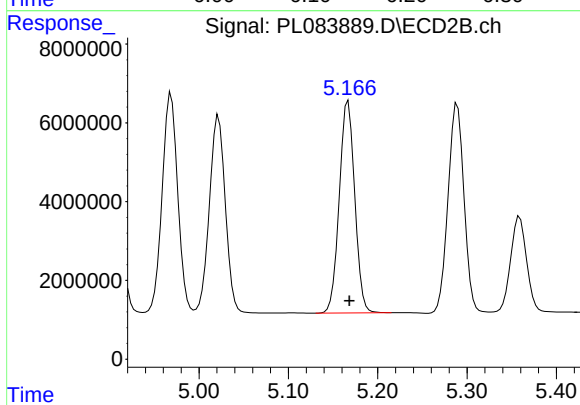
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 68429460
Conc: 50.80 ng/ml



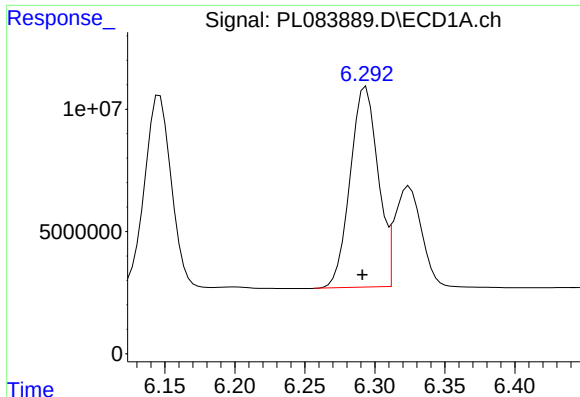
#12 4,4'-DDE

R.T.: 6.146 min
Delta R.T.: 0.002 min
Response: 104415222
Conc: 51.90 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 64672193
Conc: 52.65 ng/ml



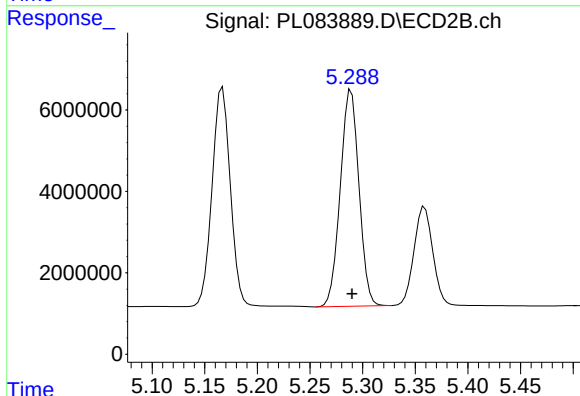
#13 Dieldrin

R.T.: 6.292 min
Delta R.T.: 0.001 min
Response: 115054841
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

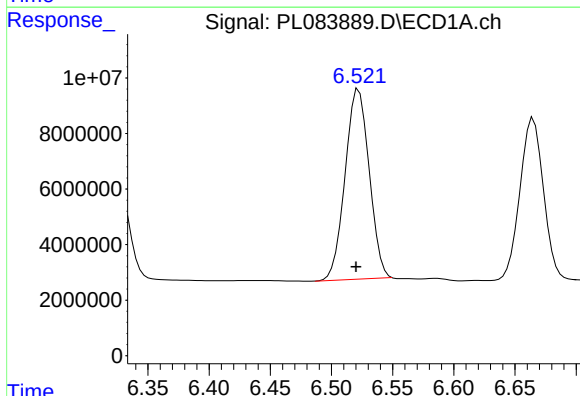
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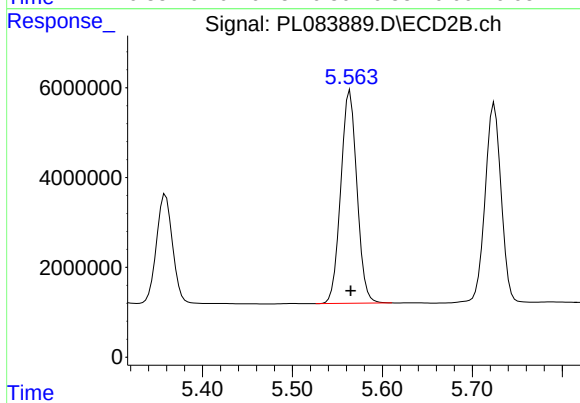
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 65856777
Conc: 50.57 ng/ml



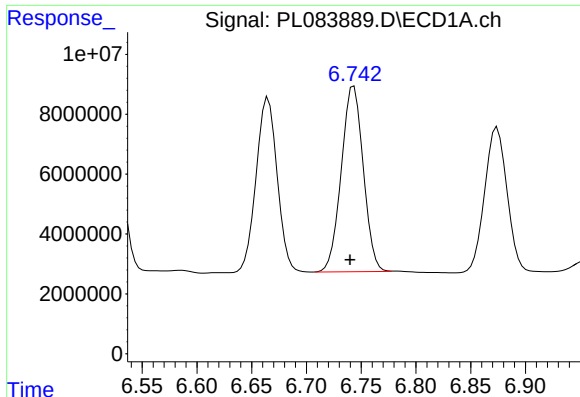
#14 Endrin

R.T.: 6.522 min
Delta R.T.: 0.002 min
Response: 93974956
Conc: 49.35 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 59261877
Conc: 53.91 ng/ml



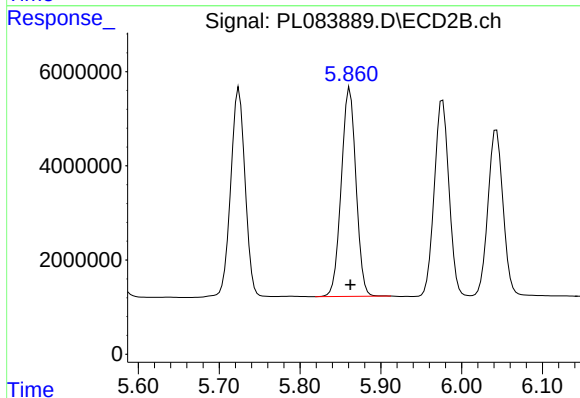
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.002 min
Response: 86743055
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

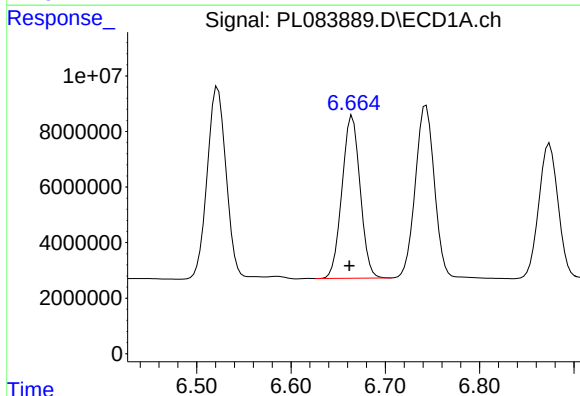
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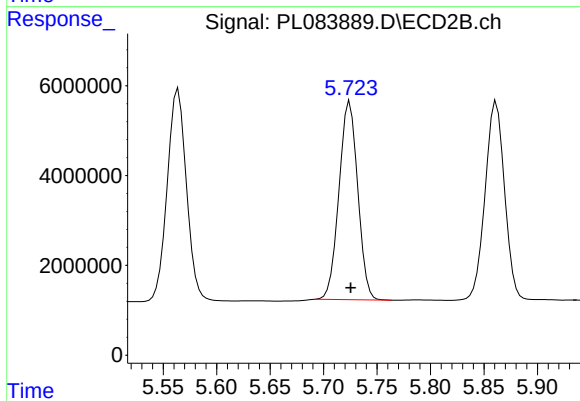
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 55987744
Conc: 48.71 ng/ml



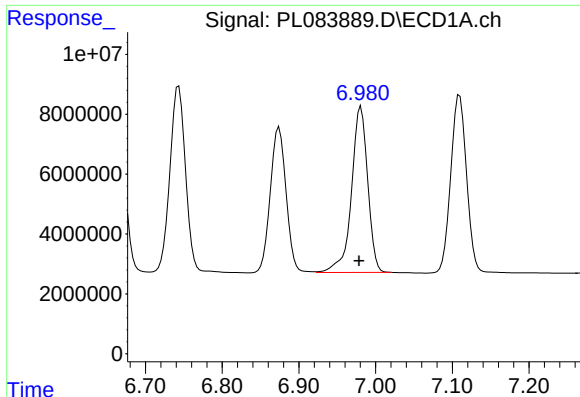
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.003 min
Response: 78340068
Conc: 53.35 ng/ml



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 53885155
Conc: 56.17 ng/ml



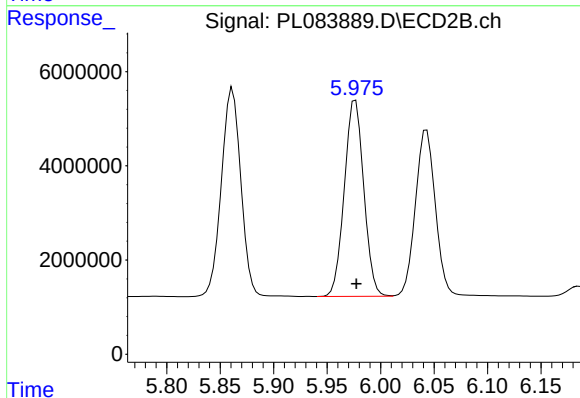
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.003 min
Response: 82106190
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

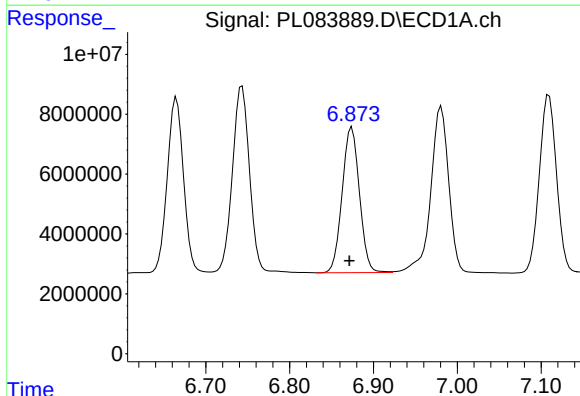
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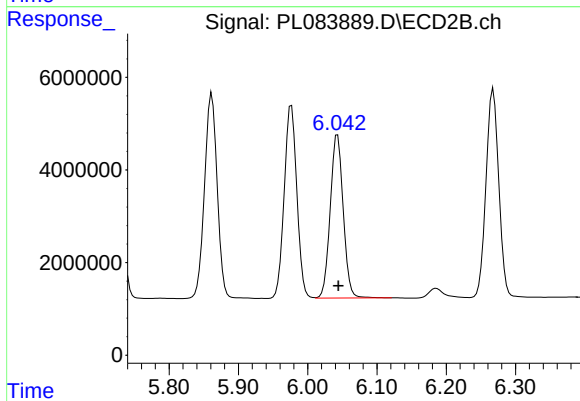
#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 52857975
Conc: 58.04 ng/ml



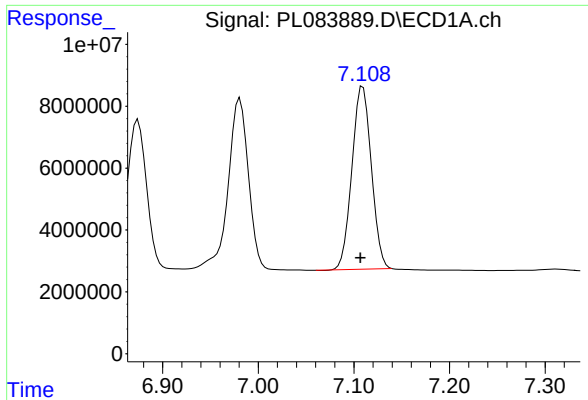
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.003 min
Response: 69630556
Conc: 47.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.001 min
Response: 46000478
Conc: 51.17 ng/ml



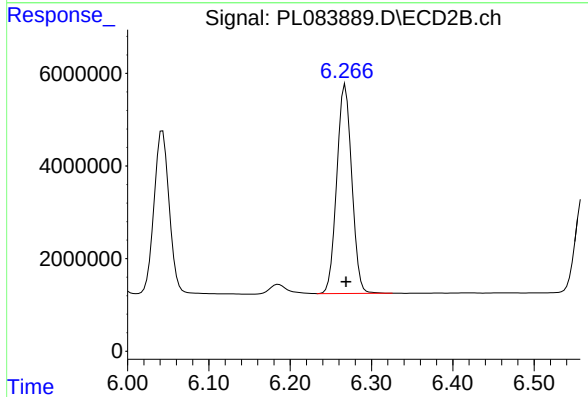
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.003 min
Response: 83628383
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

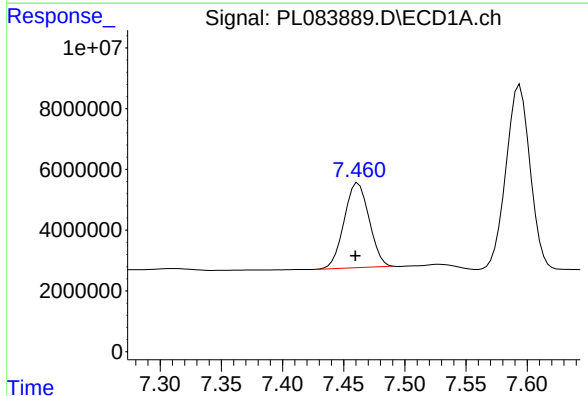
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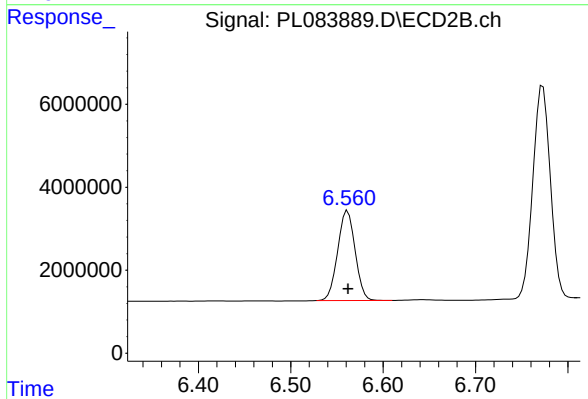
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 57771780
Conc: 52.57 ng/ml



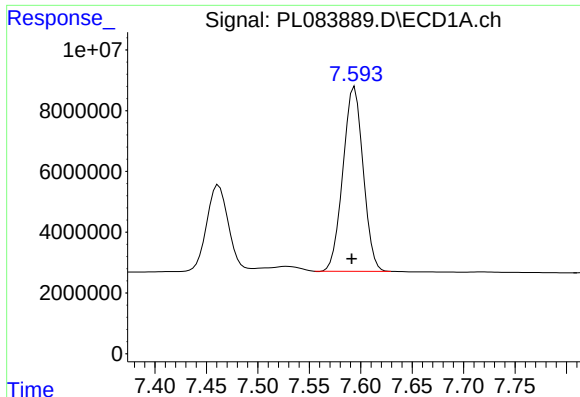
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.002 min
Response: 39723203
Conc: 50.78 ng/ml



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 28493462
Conc: 59.46 ng/ml



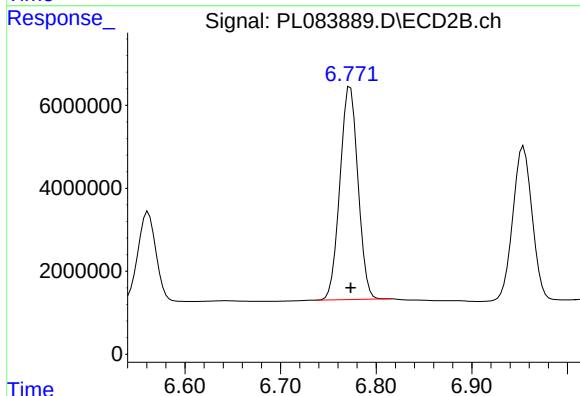
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 83054966
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

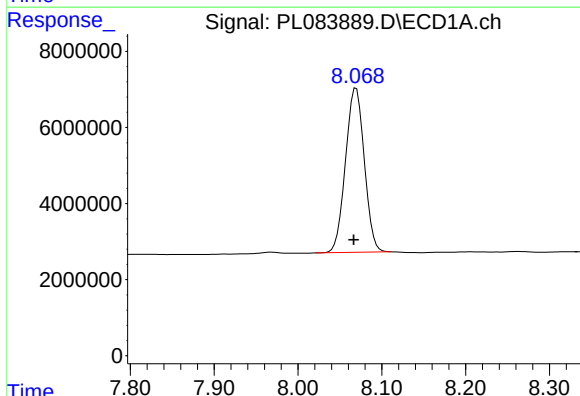
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Reviewed By :Abdul Mirza 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



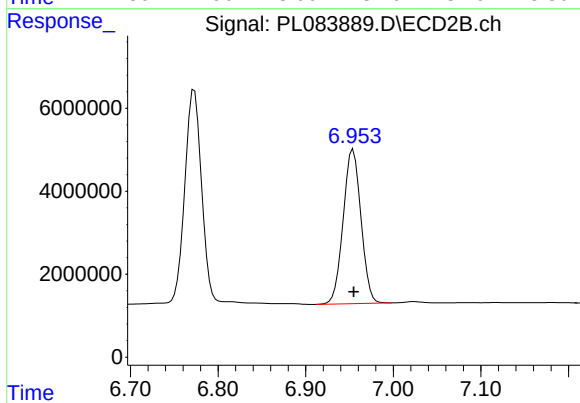
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 67507951
Conc: 52.25 ng/ml



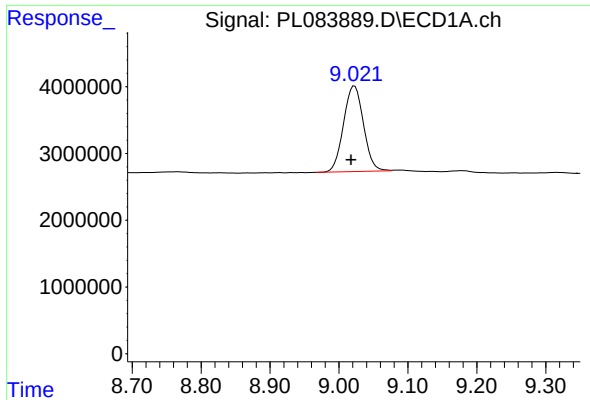
#22 Mirex

R.T.: 8.069 min
Delta R.T.: 0.003 min
Response: 67404801
Conc: 47.10 ng/ml



#22 Mirex

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 52483866
Conc: 51.42 ng/ml



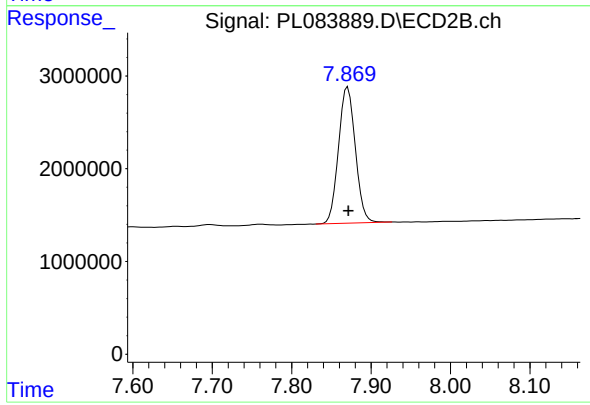
#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.005 min
Response: 25819290
Conc: 19.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154159BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



#28 Decachlorobiphenyl

R.T.: 7.871 min
Delta R.T.: 0.000 min
Response: 21710301
Conc: 19.54 ng/ml