

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
 Data File : PL085533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 12:52
 Operator : AR\AJ
 Sample : PESTSPIKE 500PPB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PESTSPIKE 500PPB

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/28/2023
 Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 21:31:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 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							
Target Compounds							
2)	A alpha-BHC	3.883f	3.158	1912.3E6	809.0E6	523.497	489.203
3)	MA gamma-BHC...	4.216f	3.487	1831.4E6	768.5E6	516.410	479.266
4)	MA Heptachlor	4.804f	3.827	1679.8E6	743.4E6	497.680m	486.358
5)	MB Aldrin	5.146f	4.106	1669.7E6	760.3E6	497.782	498.223
6)	B beta-BHC	4.417f	3.791	610.0E6	284.6E6	390.648	421.944
7)	B delta-BHC	4.661f	4.018	1759.2E6	765.5E6	511.687m	494.390
8)	B Heptachlo...	5.576f	4.613	1413.1E6	648.0E6	492.231m	480.774
9)	A Endosulfan I	5.962f	4.983	1305.0E6	625.0E6	477.744	489.203
10)	B gamma-Chl...	5.836f	4.866	1428.8E6	672.7E6	492.326	501.511
11)	B alpha-Chl...	5.914f	4.930	1390.6E6	661.5E6	481.722	481.156
12)	B 4,4'-DDE	6.095f	5.130	1318.7E6	623.4E6	530.908m	517.856
13)	MA Dieldrin	6.239f	5.250	1445.5E6	685.6E6	509.616m	501.706
14)	MA Endrin	6.468f	5.525	1247.2E6	612.6E6	523.425m	507.260
15)	B Endosulfa...	6.691f	5.824	1189.7E6	580.5E6	455.403	481.796
16)	A 4,4'-DDD	6.617f	5.687	1054.3E6	513.3E6	525.695	511.839m
17)	MA 4,4'-DDT	6.933f	5.940	1123.3E6	571.1E6	535.031	531.831
18)	B Endrin al...	6.822f	6.006	831.3E6	443.1E6	461.034	450.759
19)	B Endosulfa...	7.057f	6.231	1113.4E6	556.9E6	480.801m	491.500
20)	A Methoxychlor	7.417f	6.526	554.8E6	266.5E6	416.476	420.291
21)	B Endrin ke...	7.542f	6.735	1204.8E6	660.5E6	483.512	421.988
22)	Mirex	8.015f	6.914	1084.1E6	604.0E6	548.527m	534.602

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
Data File : PL085533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Sep 2023 12:52
Operator : AR\AJ
Sample : PESTSPIKE 500PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

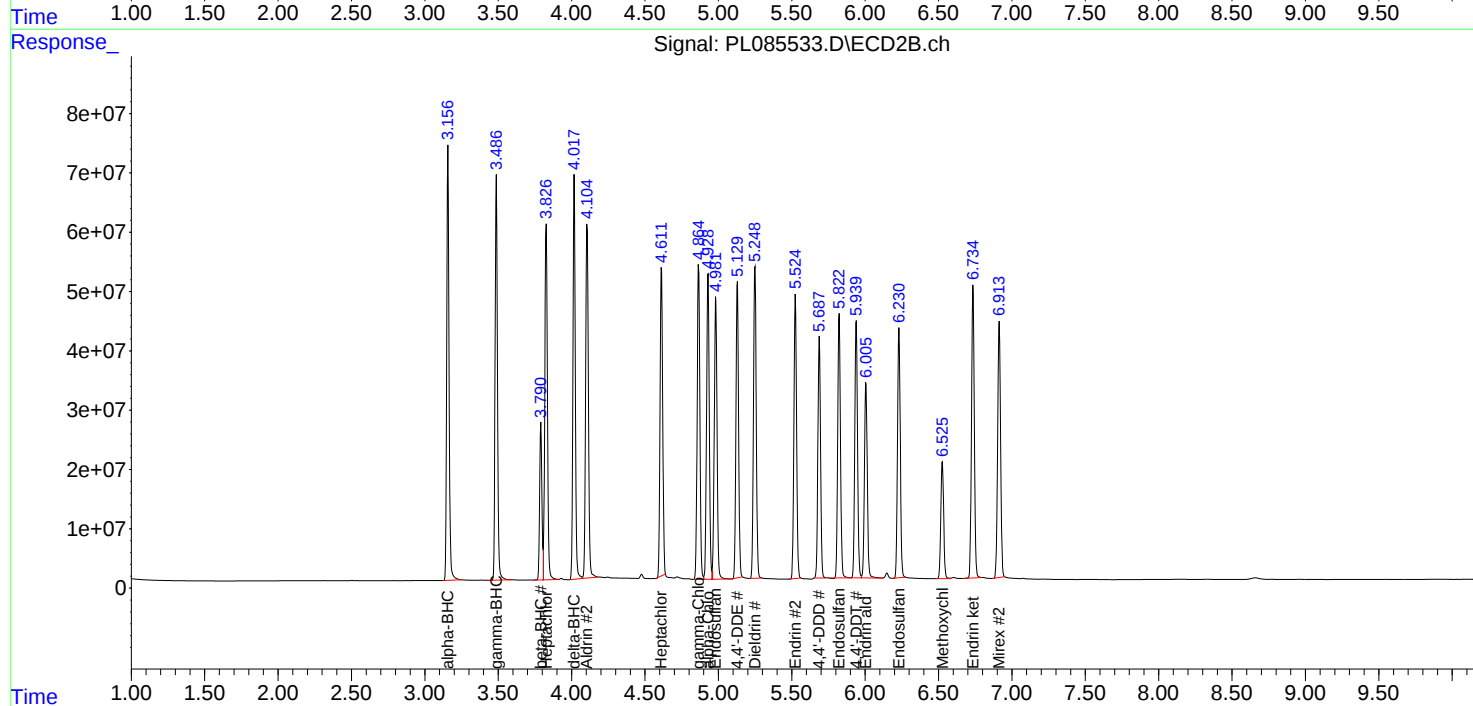
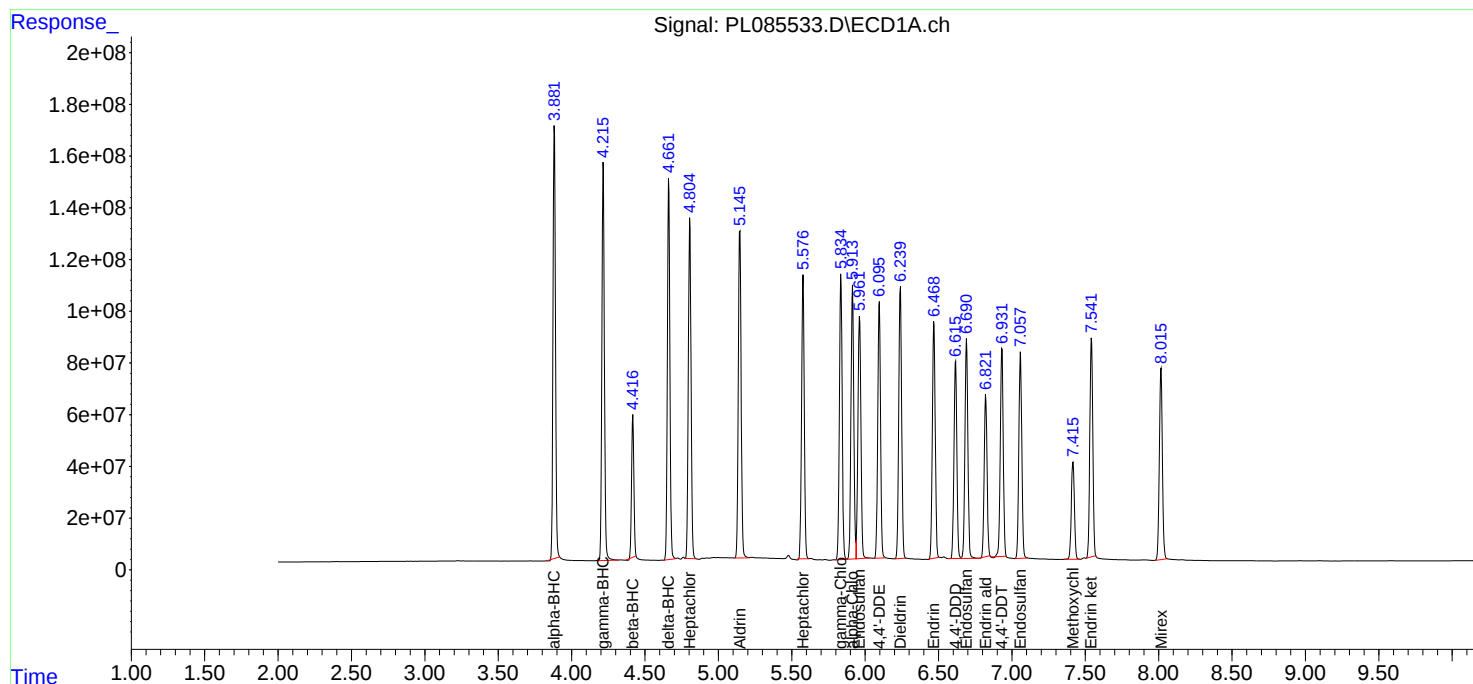
Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

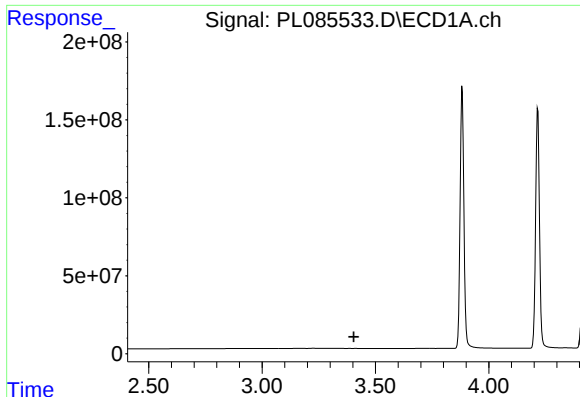
Manual Integrations
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Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 21:31:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 26 01:26:21 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





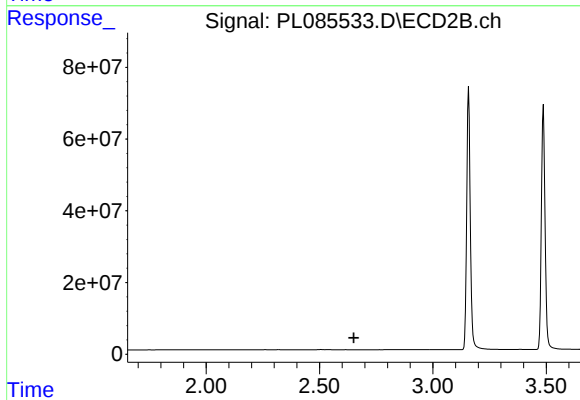
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 3.405 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

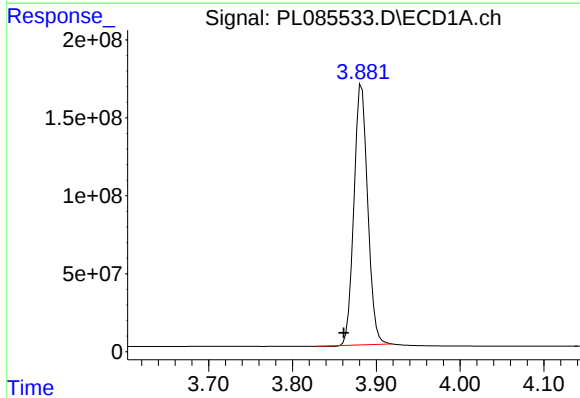
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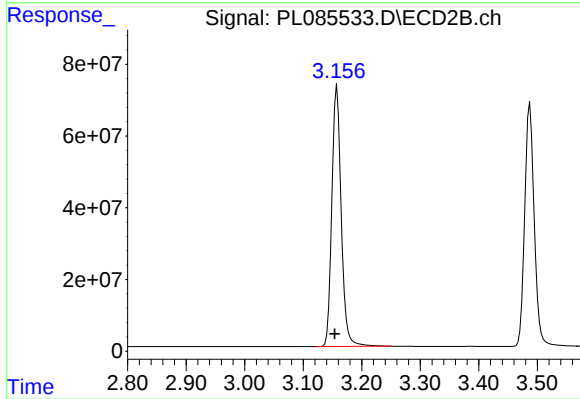
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 2.651 min
Response: 0
Conc: N.D.



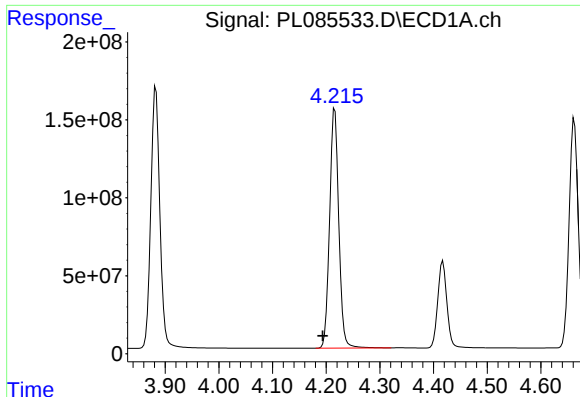
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.022 min
Response: 1912288426
Conc: 523.50 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.004 min
Response: 808994073
Conc: 489.20 ng/ml



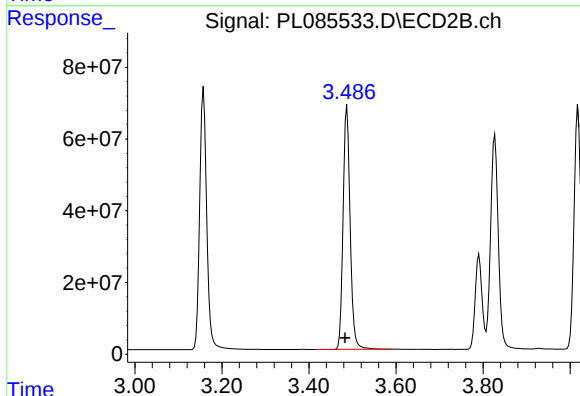
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.022 min
Response: 1831400305
Conc: 516.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

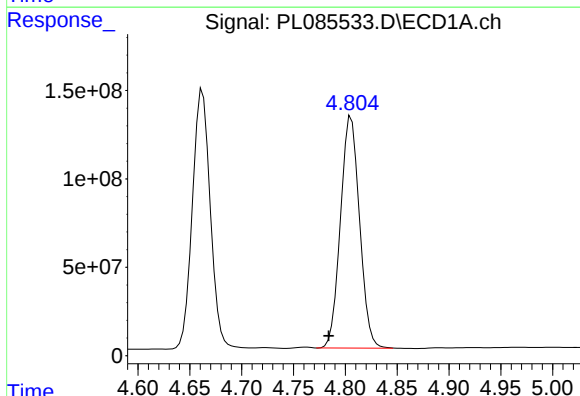
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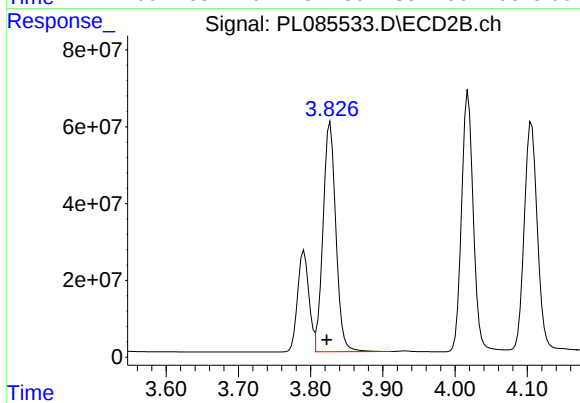
#3 gamma-BHC (Lindane)

R.T.: 3.487 min
Delta R.T.: 0.004 min
Response: 768461496
Conc: 479.27 ng/ml



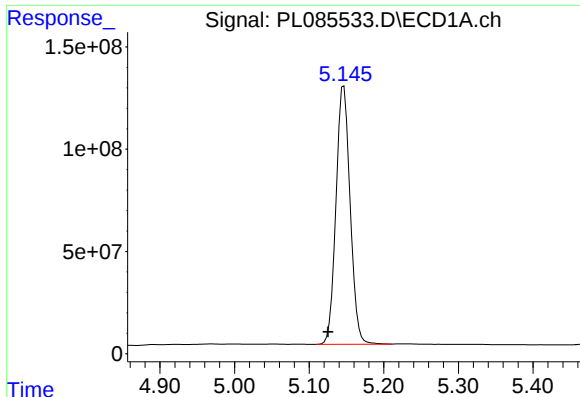
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: 0.020 min
Response: 1679839027
Conc: 497.68 ng/ml m



#4 Heptachlor

R.T.: 3.827 min
Delta R.T.: 0.005 min
Response: 743377230
Conc: 486.36 ng/ml



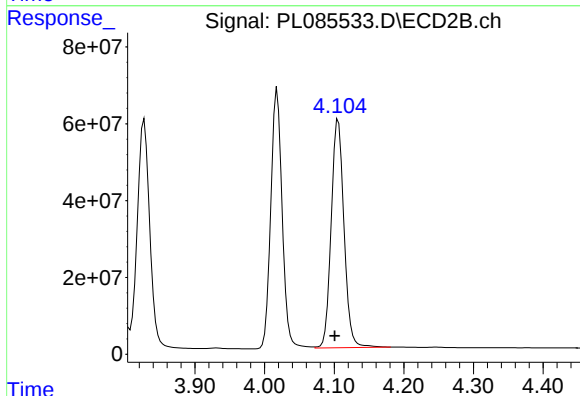
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: 0.021 min
Response: 1669730234
Conc: 497.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

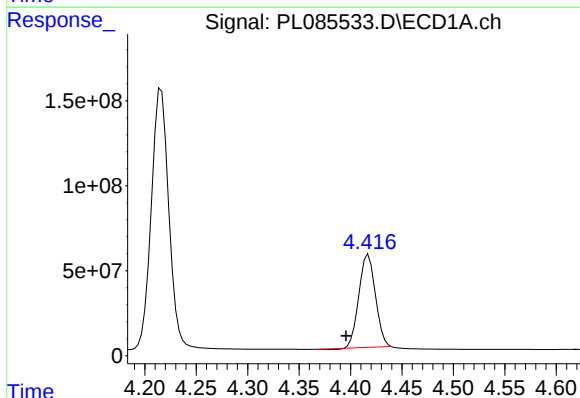
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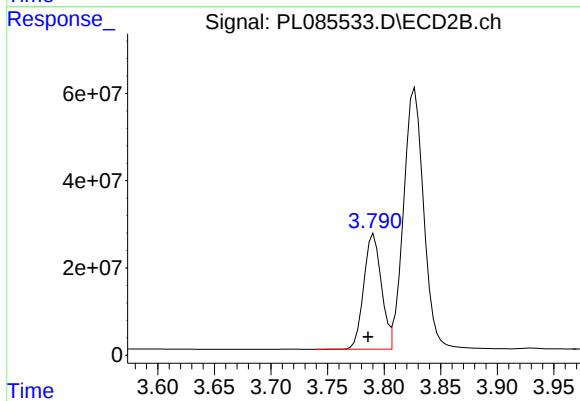
#5 Aldrin

R.T.: 4.106 min
Delta R.T.: 0.005 min
Response: 760279491
Conc: 498.22 ng/ml



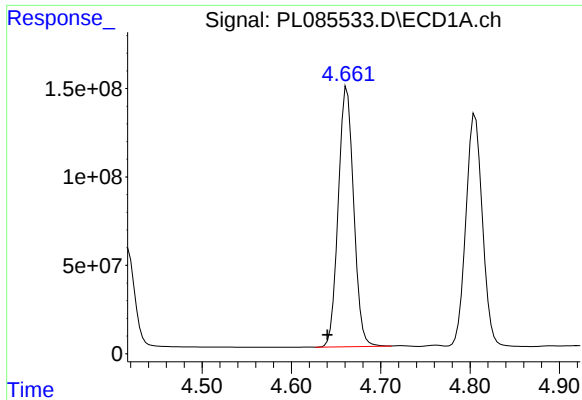
#6 beta-BHC

R.T.: 4.417 min
Delta R.T.: 0.022 min
Response: 610041131
Conc: 390.65 ng/ml



#6 beta-BHC

R.T.: 3.791 min
Delta R.T.: 0.005 min
Response: 284584788
Conc: 421.94 ng/ml



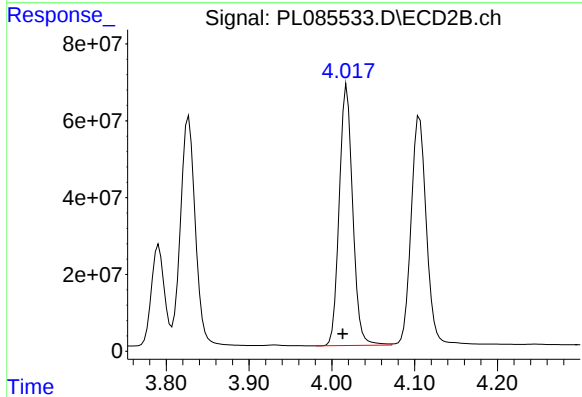
#7 delta-BHC

R.T.: 4.661 min
Delta R.T.: 0.021 min
Response: 1759173793
Conc: 511.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

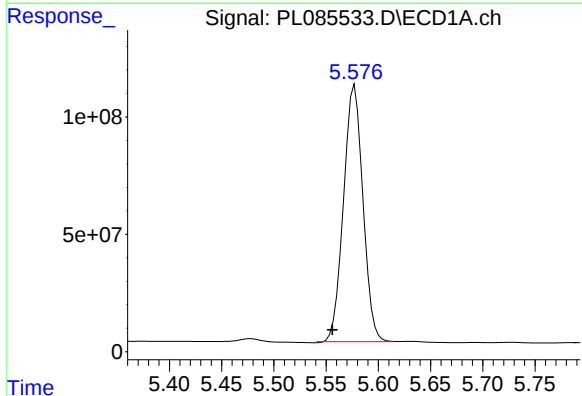
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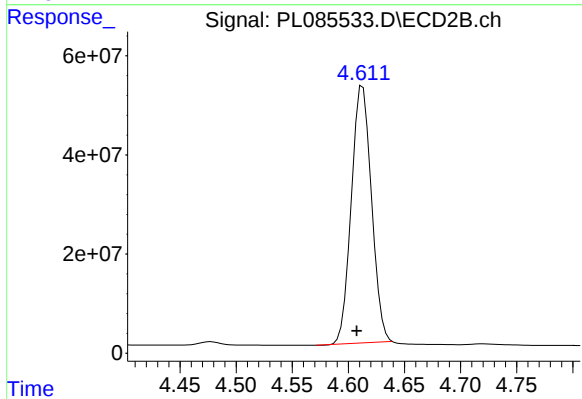
#7 delta-BHC

R.T.: 4.018 min
Delta R.T.: 0.005 min
Response: 765491994
Conc: 494.39 ng/ml



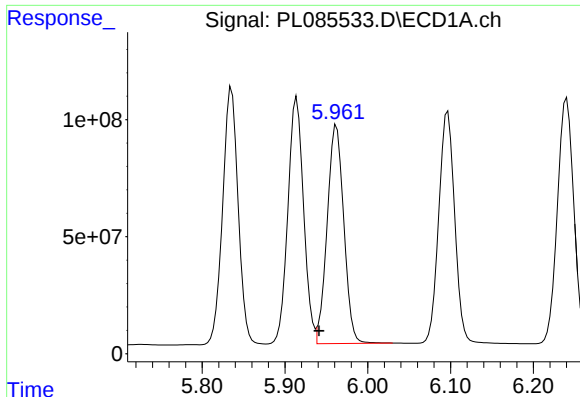
#8 Heptachlor epoxide

R.T.: 5.576 min
Delta R.T.: 0.020 min
Response: 1413102007
Conc: 492.23 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.613 min
Delta R.T.: 0.005 min
Response: 648036682
Conc: 480.77 ng/ml



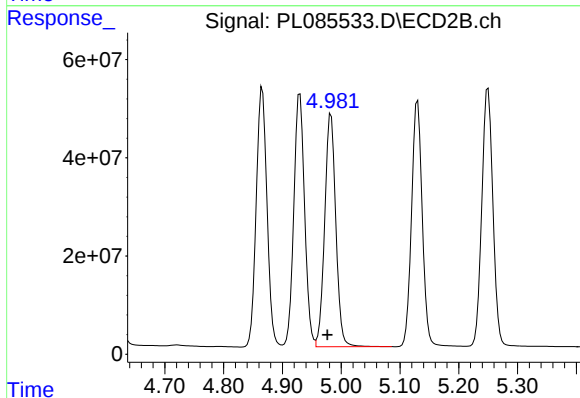
#9 Endosulfan I

R.T.: 5.962 min
Delta R.T.: 0.021 min
Response: 1305018359
Conc: 477.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

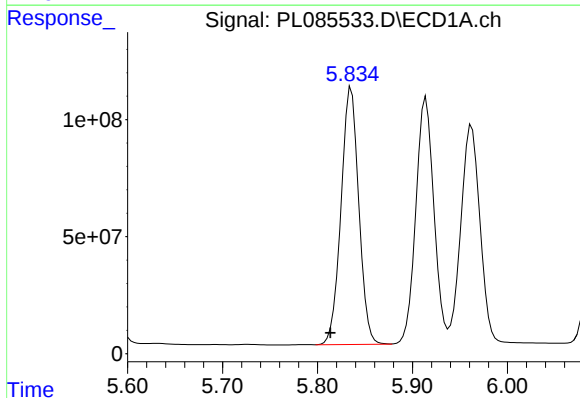
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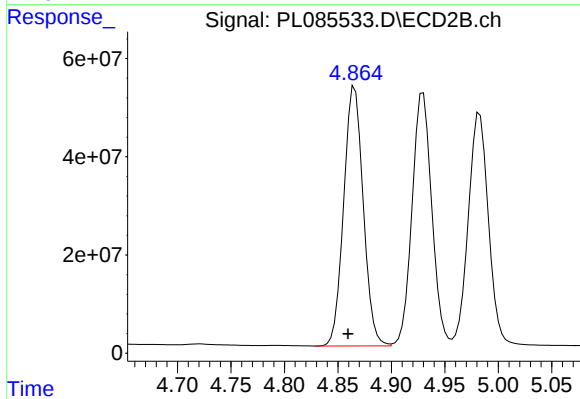
#9 Endosulfan I

R.T.: 4.983 min
Delta R.T.: 0.006 min
Response: 624972345
Conc: 489.20 ng/ml



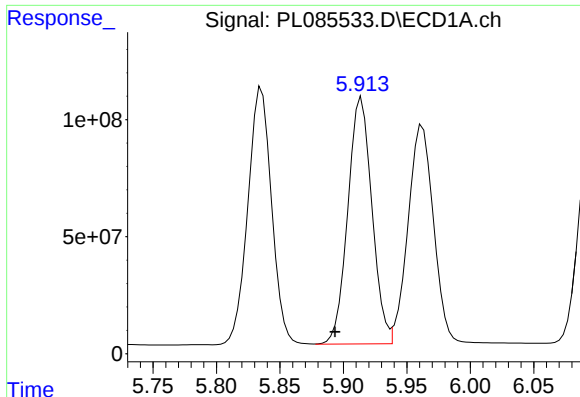
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: 0.022 min
Response: 1428765660
Conc: 492.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.866 min
Delta R.T.: 0.006 min
Response: 672715396
Conc: 501.51 ng/ml



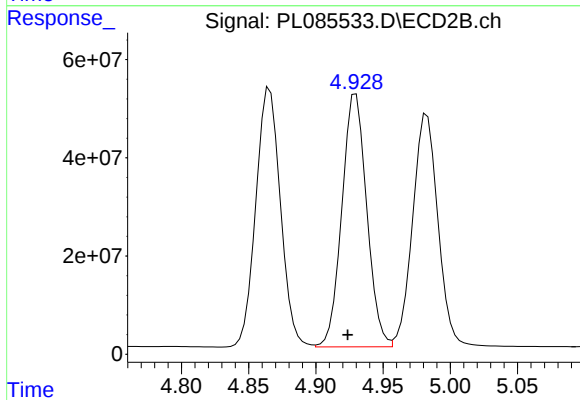
#11 alpha-Chlordane

R.T.: 5.914 min
Delta R.T.: 0.021 min
Response: 1390569835
Conc: 481.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

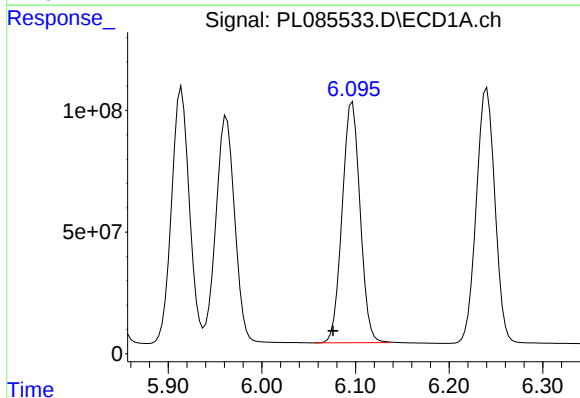
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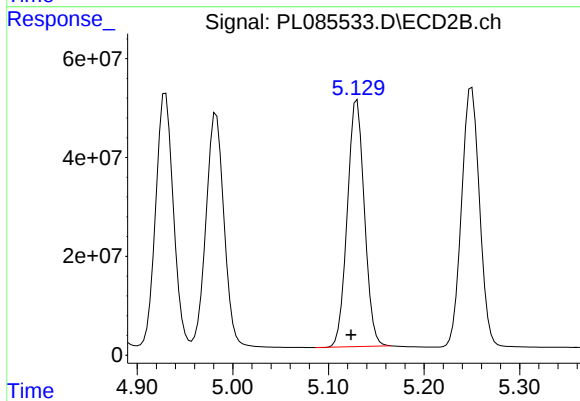
#11 alpha-Chlordane

R.T.: 4.930 min
Delta R.T.: 0.006 min
Response: 661519679
Conc: 481.16 ng/ml



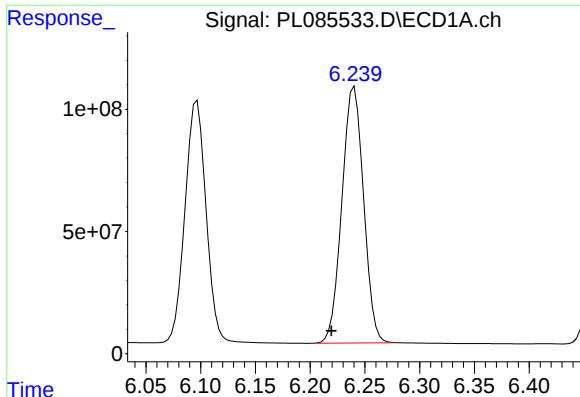
#12 4,4'-DDE

R.T.: 6.095 min
Delta R.T.: 0.019 min
Response: 1318690497
Conc: 530.91 ng/ml m



#12 4,4'-DDE

R.T.: 5.130 min
Delta R.T.: 0.006 min
Response: 623424308
Conc: 517.86 ng/ml



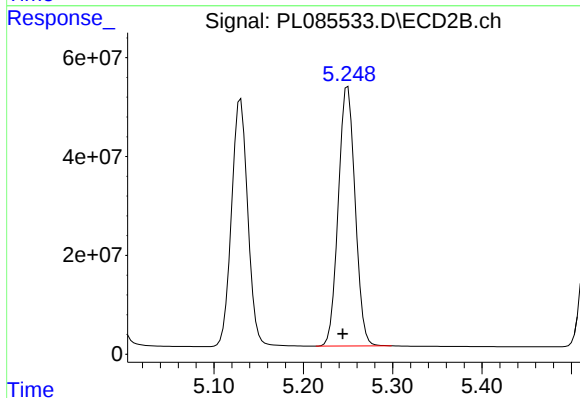
#13 Dieldrin

R.T.: 6.239 min
Delta R.T.: 0.019 min
Response: 1445451418
Conc: 509.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

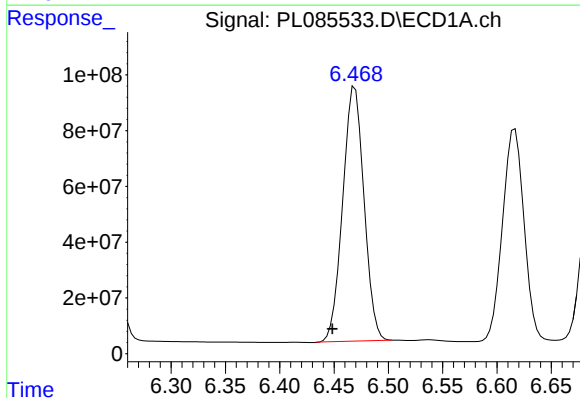
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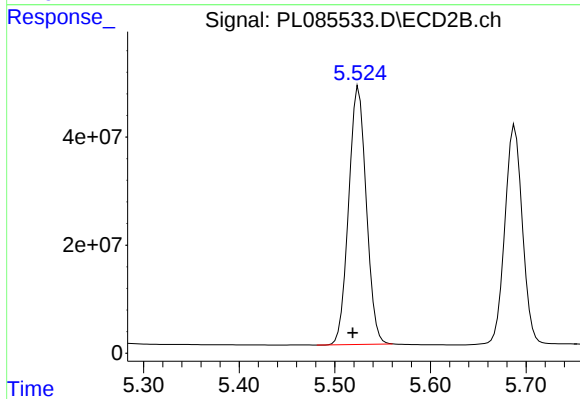
#13 Dieldrin

R.T.: 5.250 min
Delta R.T.: 0.006 min
Response: 685597267
Conc: 501.71 ng/ml



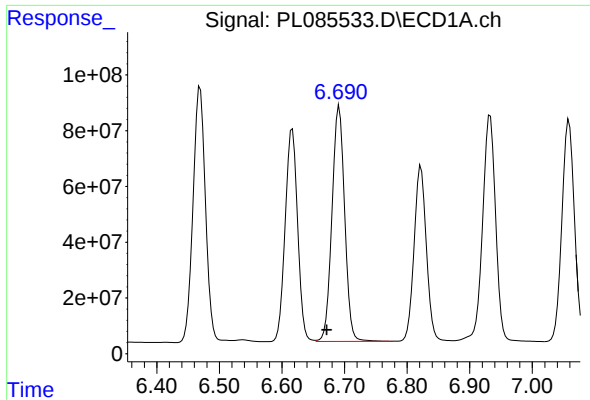
#14 Endrin

R.T.: 6.468 min
Delta R.T.: 0.019 min
Response: 1247201722
Conc: 523.43 ng/ml m



#14 Endrin

R.T.: 5.525 min
Delta R.T.: 0.006 min
Response: 612582564
Conc: 507.26 ng/ml



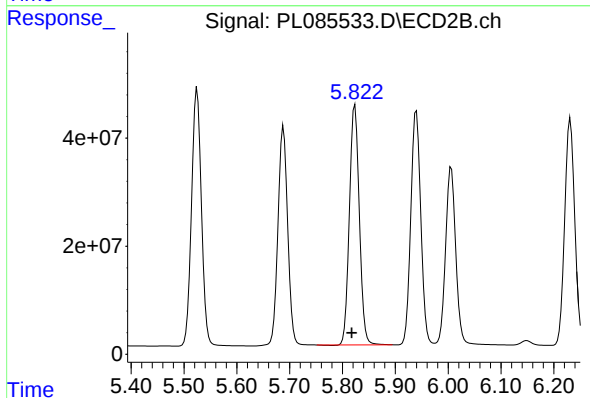
#15 Endosulfan II

R.T.: 6.691 min
Delta R.T.: 0.020 min
Response: 1189736999
Conc: 455.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

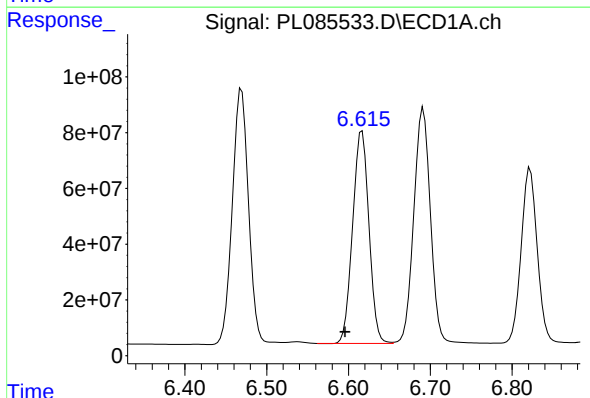
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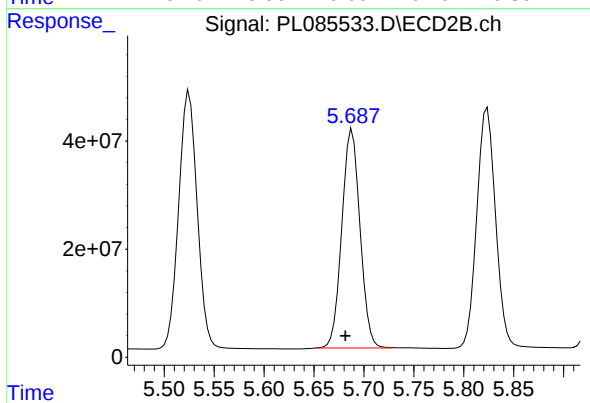
#15 Endosulfan II

R.T.: 5.824 min
Delta R.T.: 0.006 min
Response: 580476884
Conc: 481.80 ng/ml



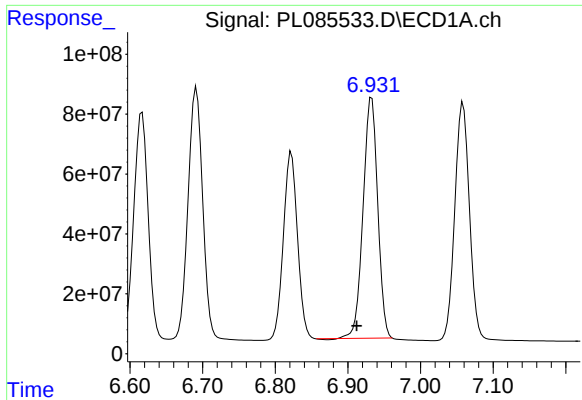
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: 0.021 min
Response: 1054330584
Conc: 525.69 ng/ml



#16 4,4'-DDD

R.T.: 5.687 min
Delta R.T.: 0.005 min
Response: 513336533
Conc: 511.84 ng/ml m



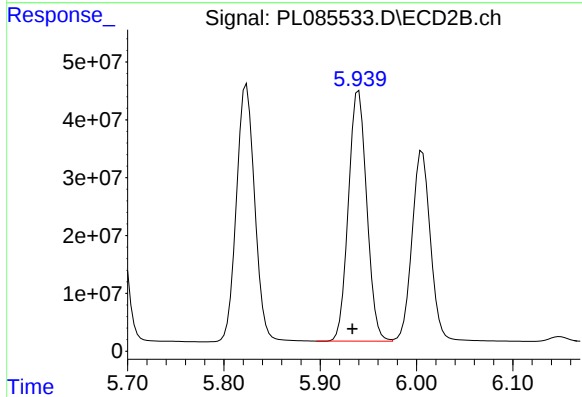
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: 0.021 min
Response: 1123266974
Conc: 535.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

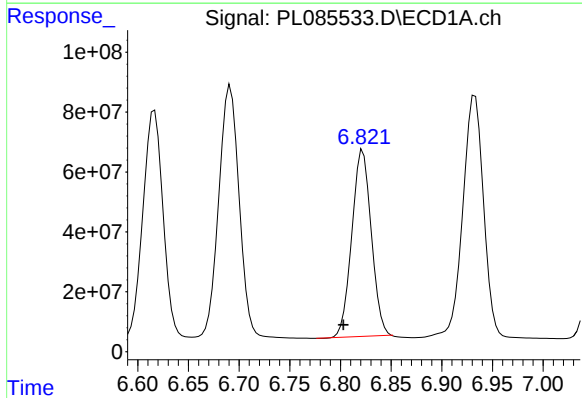
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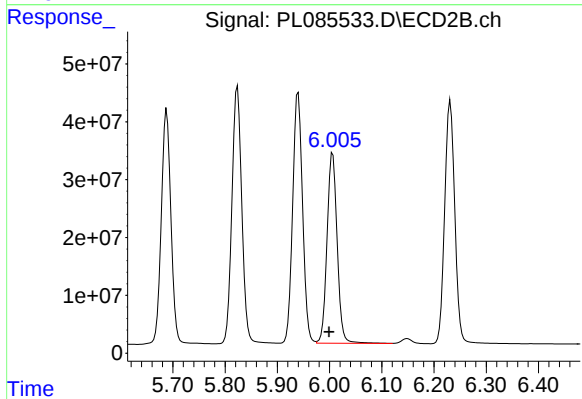
#17 4,4'-DDT

R.T.: 5.940 min
Delta R.T.: 0.006 min
Response: 571064087
Conc: 531.83 ng/ml



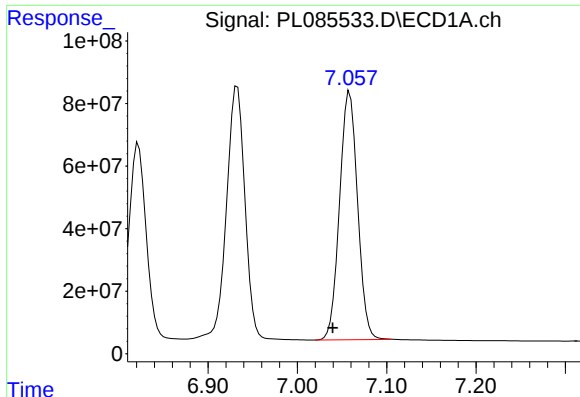
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.019 min
Response: 831306275
Conc: 461.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.006 min
Delta R.T.: 0.007 min
Response: 443111961
Conc: 450.76 ng/ml



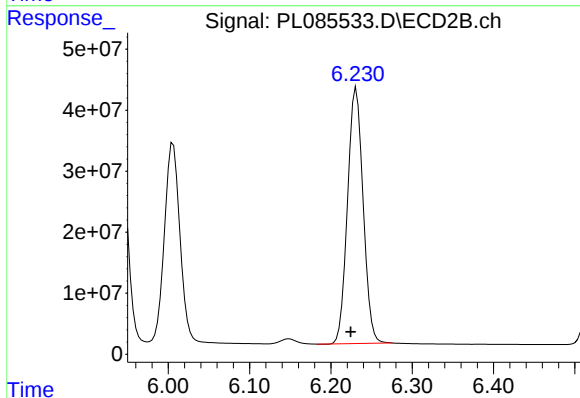
#19 Endosulfan Sulfate

R.T.: 7.057 min
Delta R.T.: 0.018 min
Response: 1113371982
Conc: 480.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

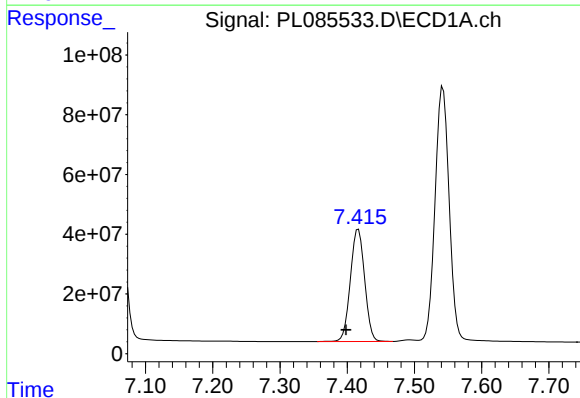
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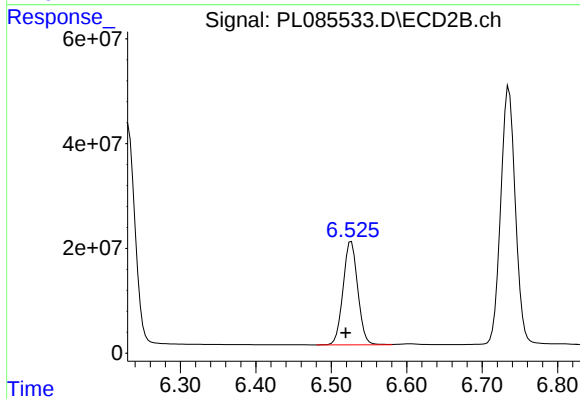
#19 Endosulfan Sulfate

R.T.: 6.231 min
Delta R.T.: 0.007 min
Response: 556900614
Conc: 491.50 ng/ml



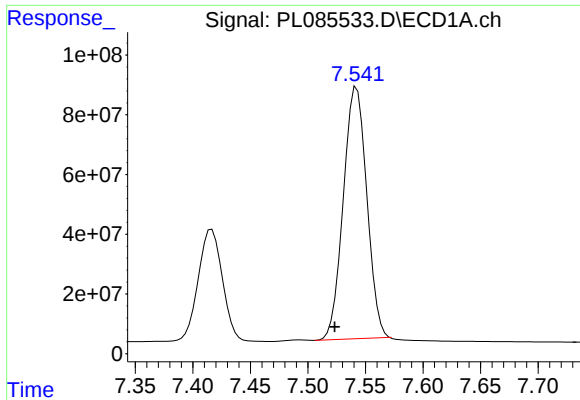
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: 0.018 min
Response: 554750597
Conc: 416.48 ng/ml



#20 Methoxychlor

R.T.: 6.526 min
Delta R.T.: 0.007 min
Response: 266478738
Conc: 420.29 ng/ml



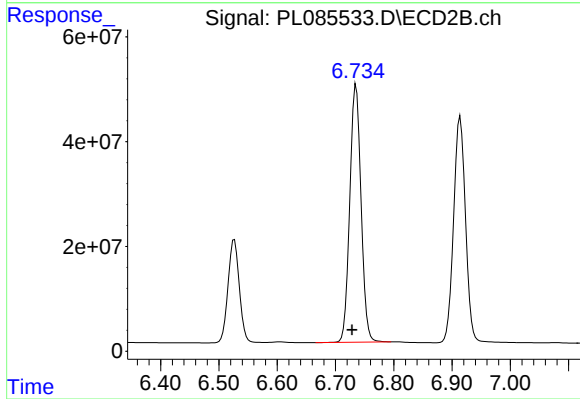
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: 0.019 min
Response: 1204780125
Conc: 483.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

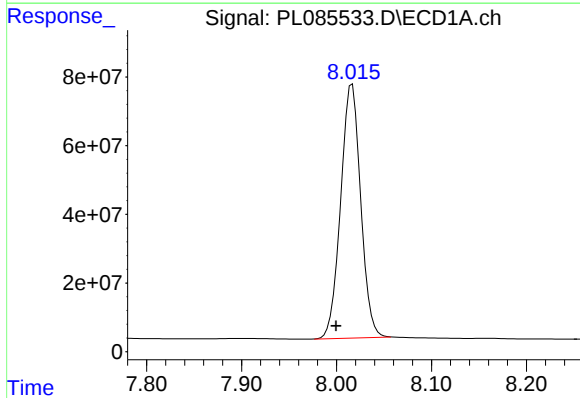
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/28/2023
Supervised By :Ankita Jodhani 09/28/2023



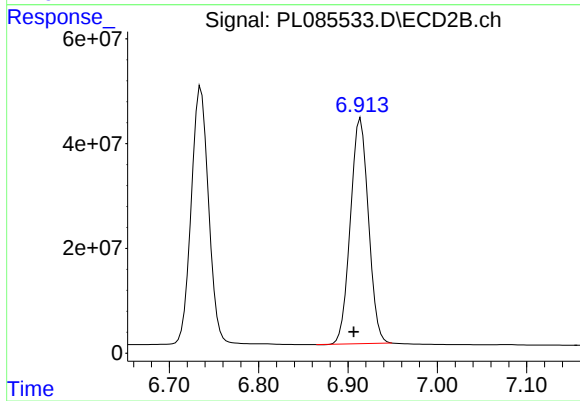
#21 Endrin ketone

R.T.: 6.735 min
Delta R.T.: 0.007 min
Response: 660535097
Conc: 421.99 ng/ml



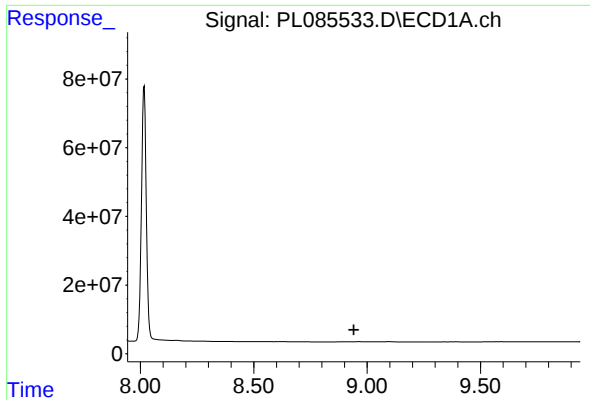
#22 Mirex

R.T.: 8.015 min
Delta R.T.: 0.016 min
Response: 1084132392
Conc: 548.53 ng/ml m



#22 Mirex

R.T.: 6.914 min
Delta R.T.: 0.008 min
Response: 603997046
Conc: 534.60 ng/ml



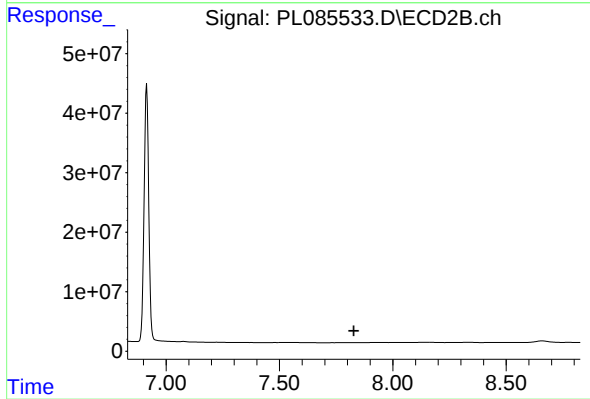
#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.941 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PESTSPIKE 500PPB

Manual Integrations
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Supervised By :Ankita Jodhani 09/28/2023



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 7.827 min
Response: 0
Conc: N.D.