

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080323\
 Data File : PL084491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Aug 2023 19:49
 Operator : AR\AJ
 Sample : 03805-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 X3H68

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/04/2023
 Supervised By : Ankita Jodhani 08/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 02:12:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.476	2.687	39558580	20566325	17.026	18.913
28)	SA Decachlor...	9.026	7.867	48999422	38089400	30.115	30.550
Target Compounds							
2)	A alpha-BHC	3.934	3.192	1581.9E6	728.1E6	479.160	471.520
3)	MA gamma-BHC...	4.268	3.522	961.6E6	480.5E6	301.433	316.222
4)	MA Heptachlor	4.860	3.864	2328.0E6	1036.7E6	692.261	727.979
5)	MB Aldrin	5.202	4.143	1388.4E6	644.6E6	420.033	443.532
6)	B beta-BHC	4.467	3.824	914.6E6	458.3E6	654.730	684.005
7)	B delta-BHC	4.714	4.053	1698.6E6	806.8E6	526.752	531.417
8)	B Heptachlo...	5.632	4.650	737.2E6	358.3E6	244.682	270.036
9)	A Endosulfan I	6.018	5.020	1105.8E6	563.7E6	420.106	454.816
10)	B gamma-Chl...	5.890	4.903	1239.3E6	614.4E6	432.770	453.020
11)	B alpha-Chl...	5.969	4.967	730.1E6	375.1E6	258.596	275.296
12)	B 4,4'-DDE	6.149	5.165	2828.4E6	1437.1E6	1232.291	1166.999
13)	MA Dieldrin	6.295	5.287	2373.4E6	1211.4E6	898.109	892.219
14)	MA Endrin	6.524	5.562	1087.1E6	624.3E6	498.454	510.375
15)	B Endosulfa...	6.746	5.860	1065.5E6	614.8E6	503.788	509.520
16)	A 4,4'-DDD	6.668	5.722	1608.6E6	896.6E6	959.456	867.805
17)	MA 4,4'-DDT	6.981	5.975	1705.7E6	1028.7E6	910.344m	886.374
18)	B Endrin al...	6.876	6.041	631.0E6	389.0E6	374.043	392.258
19)	B Endosulfa...	7.112	6.266	397.0E6	260.2E6	198.719	218.822
20)	A Methoxychlor	7.464	6.559	415.0E6	300.9E6	432.404	438.534
21)	B Endrin ke...	7.596	6.771	1023.9E6	719.3E6	511.825	498.563

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080323\
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 Acq On : 03 Aug 2023 19:49
 Operator : AR\AJ
 Sample : 03805-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

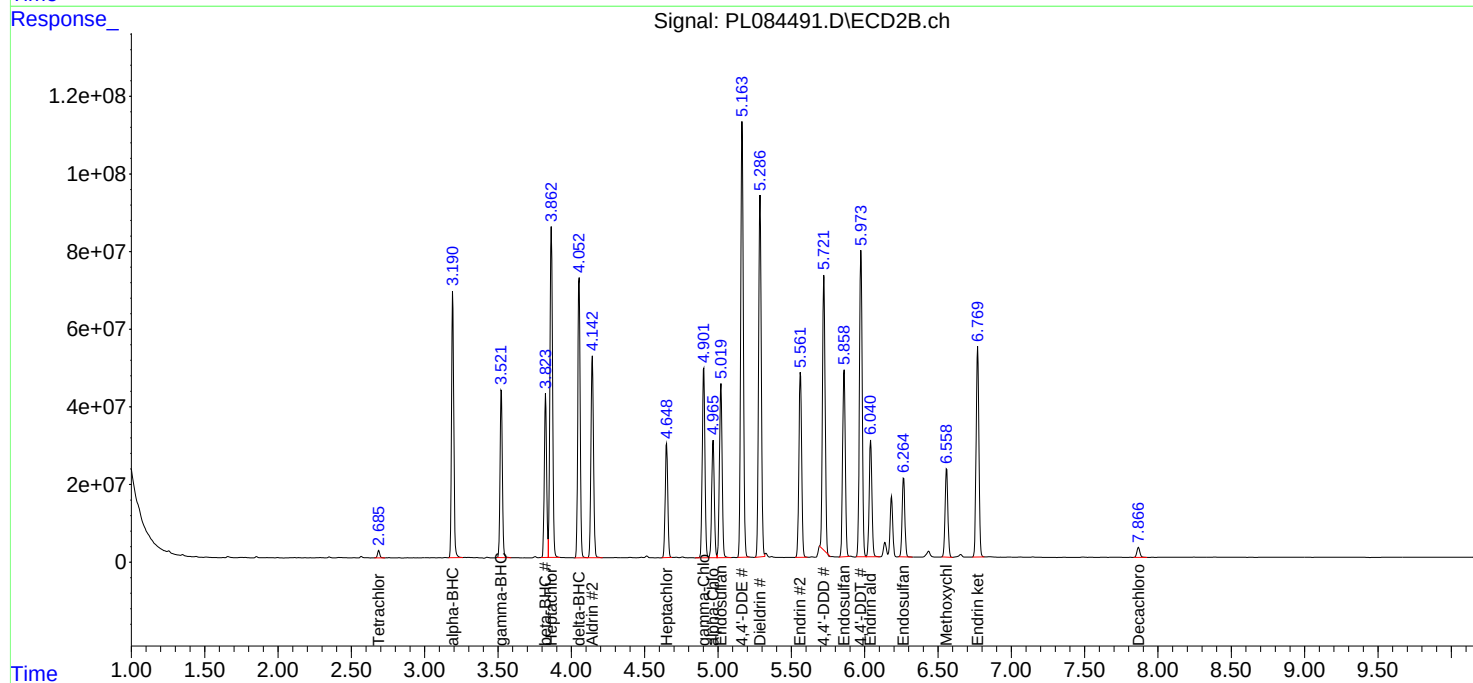
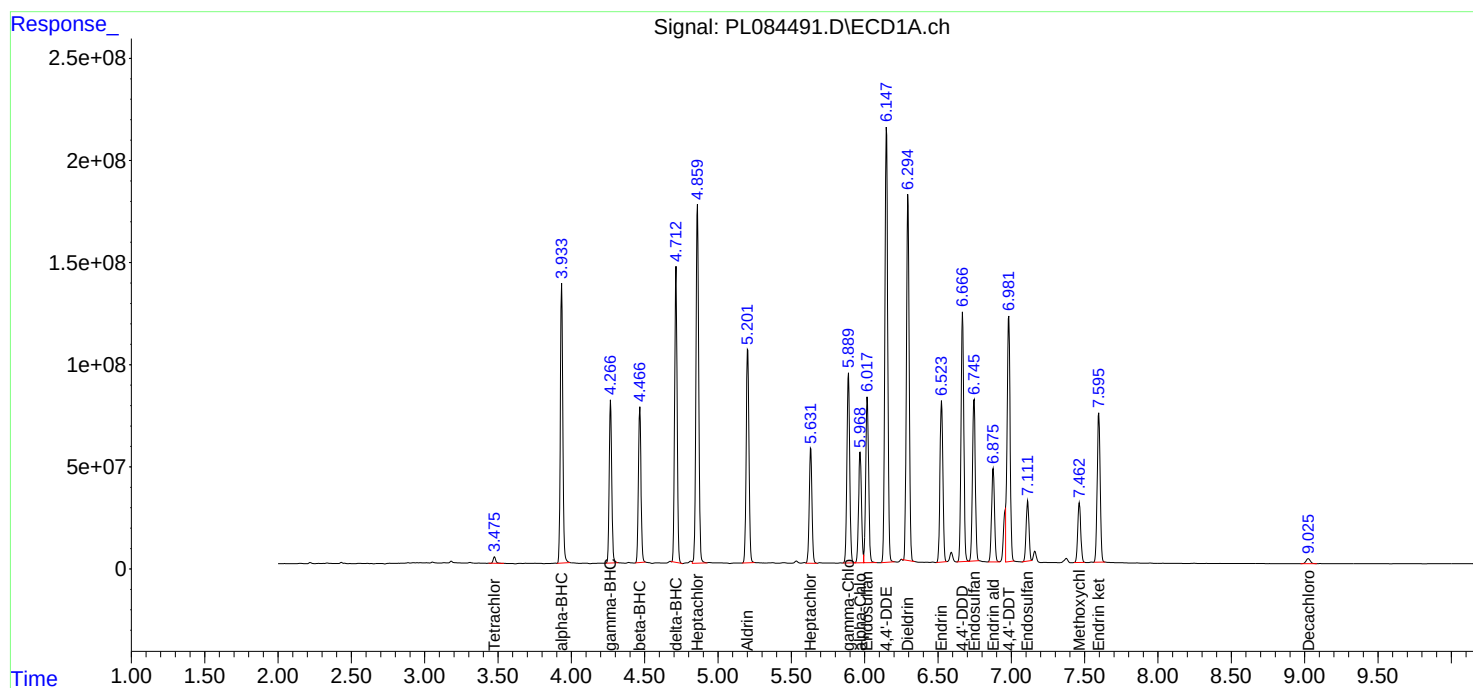
Instrument :
 ECD_L
 ClientSampleId :
 X3H68

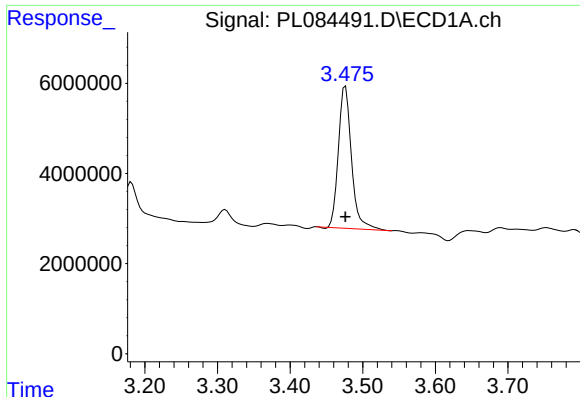
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 02:12:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
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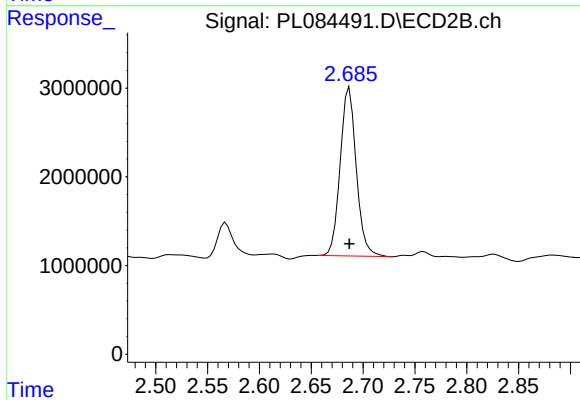
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 39558580
Conc: 17.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
X3H68

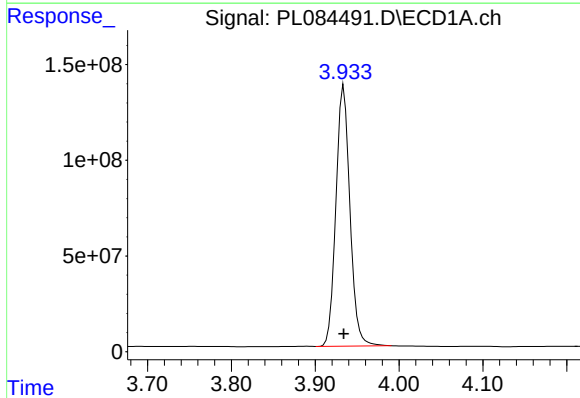
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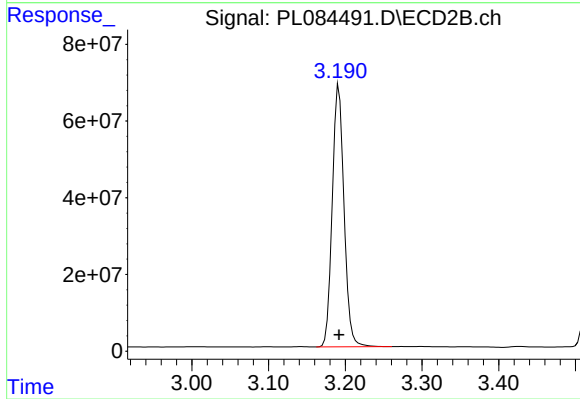
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 20566325
Conc: 18.91 ng/ml



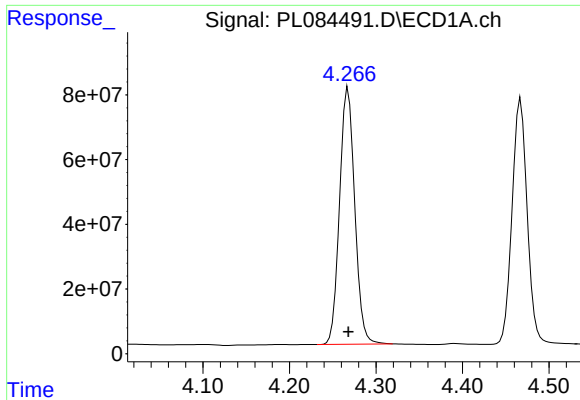
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 1581902297
Conc: 479.16 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 728062452
Conc: 471.52 ng/ml



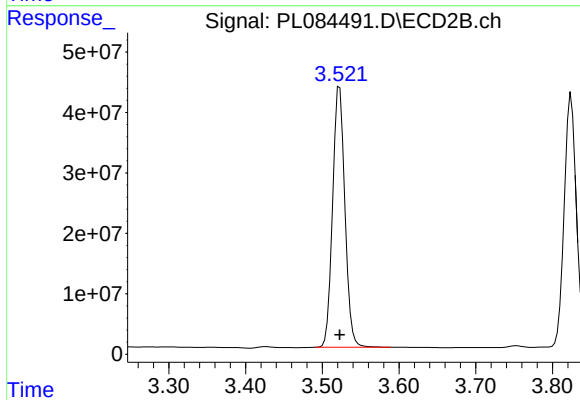
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 961572086
Conc: 301.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
X3H68

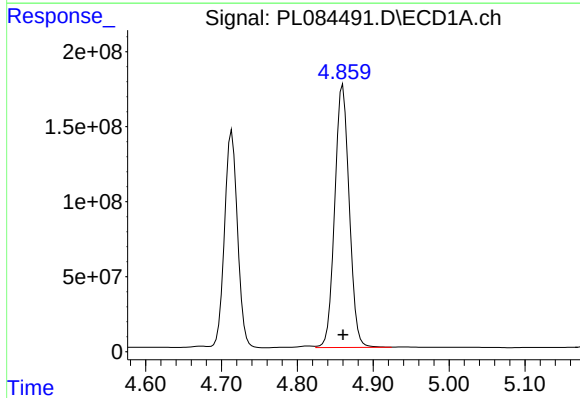
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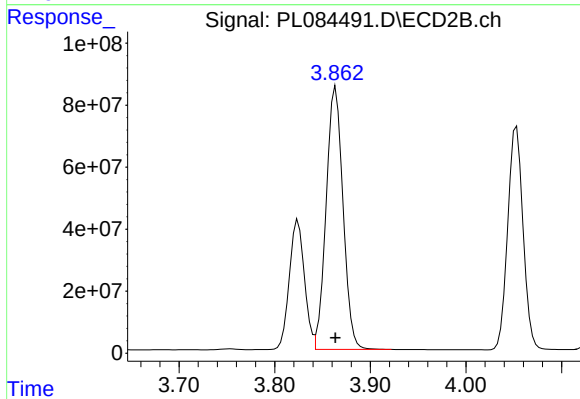
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 480510000
Conc: 316.22 ng/ml



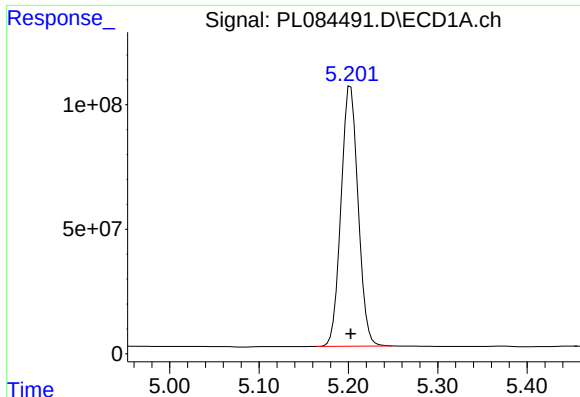
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 2327976441
Conc: 692.26 ng/ml



#4 Heptachlor

R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 1036745712
Conc: 727.98 ng/ml



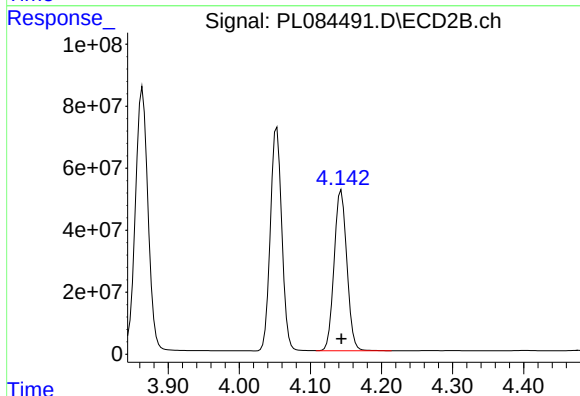
#5 Aldrin

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 1388360988
Conc: 420.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
X3H68

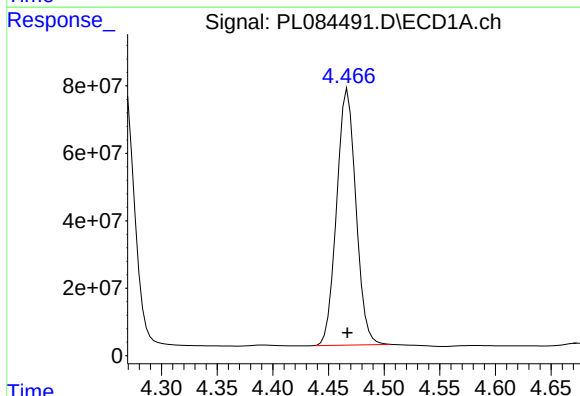
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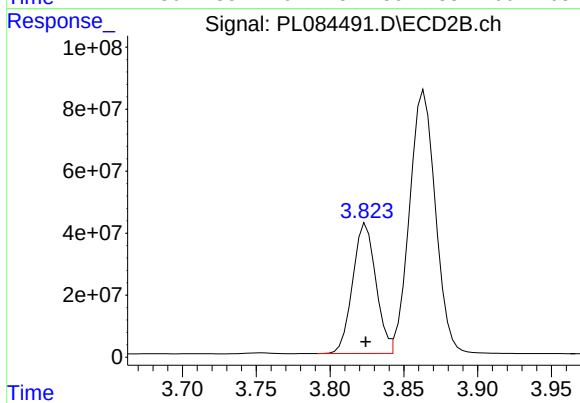
#5 Aldrin

R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 644629615
Conc: 443.53 ng/ml



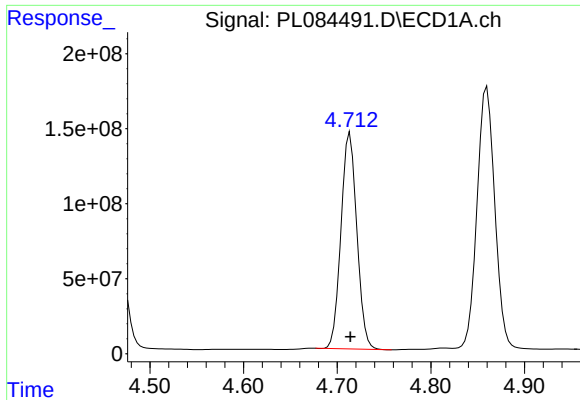
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 914606829
Conc: 654.73 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 458298155
Conc: 684.01 ng/ml



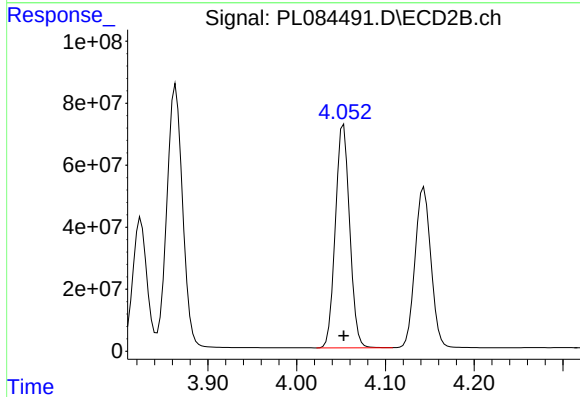
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 1698626788
Conc: 526.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
X3H68

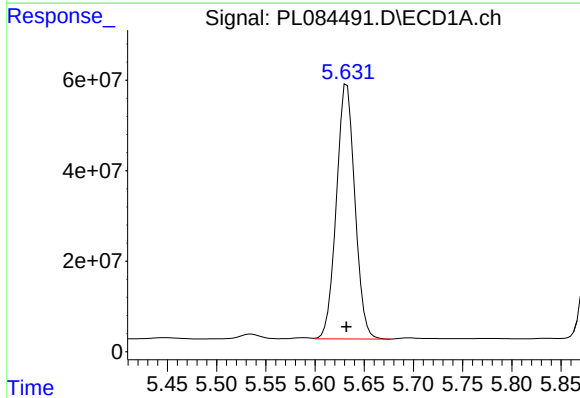
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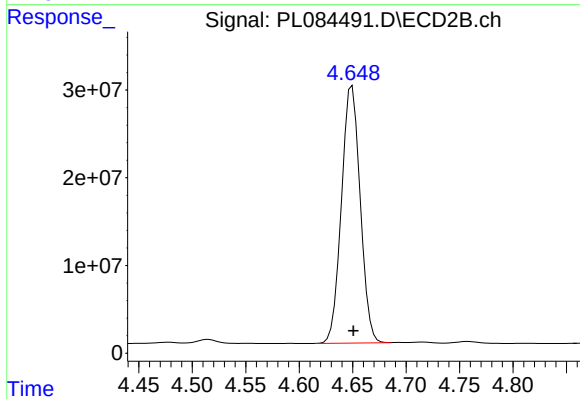
#7 delta-BHC

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 806804230
Conc: 531.42 ng/ml



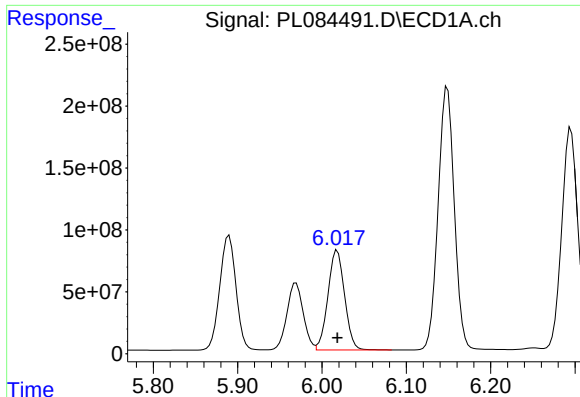
#8 Heptachlor epoxide

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 737153916
Conc: 244.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 358285545
Conc: 270.04 ng/ml



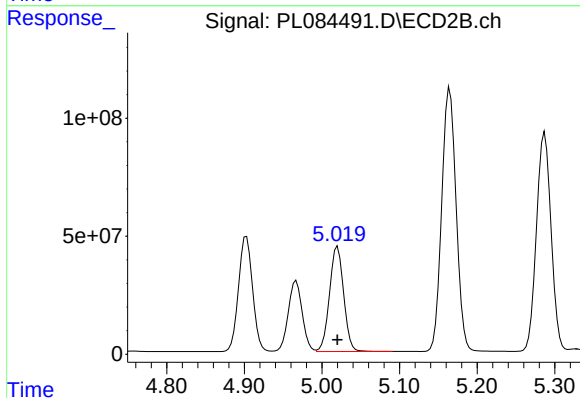
#9 Endosulfan I

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 1105828333
Conc: 420.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
X3H68

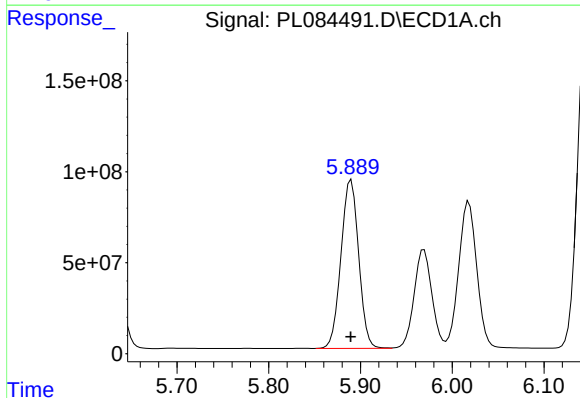
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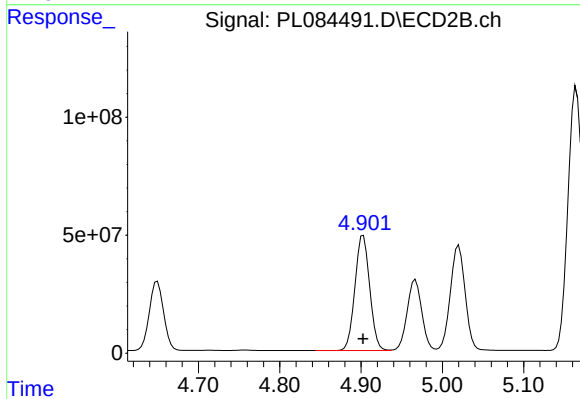
#9 Endosulfan I

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 563652765
Conc: 454.82 ng/ml



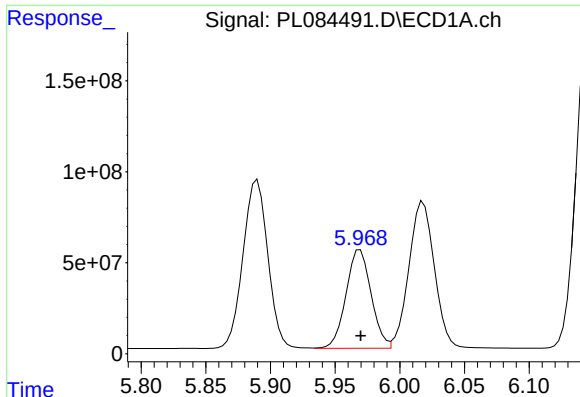
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 1239289939
Conc: 432.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 614413772
Conc: 453.02 ng/ml



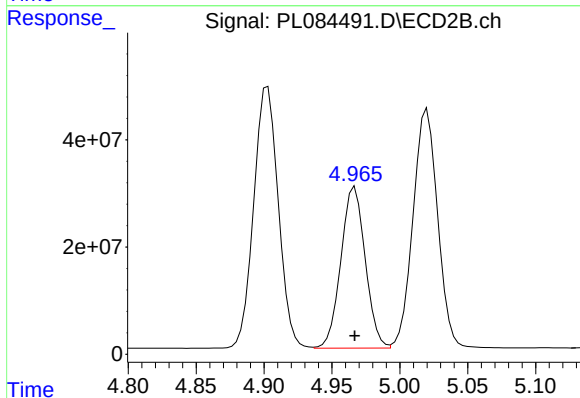
#11 alpha-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 730065504
Conc: 258.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
X3H68

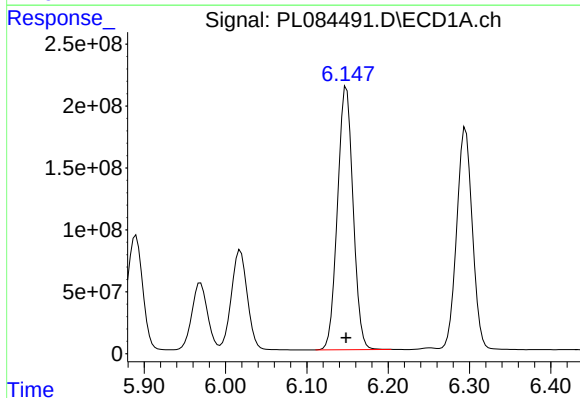
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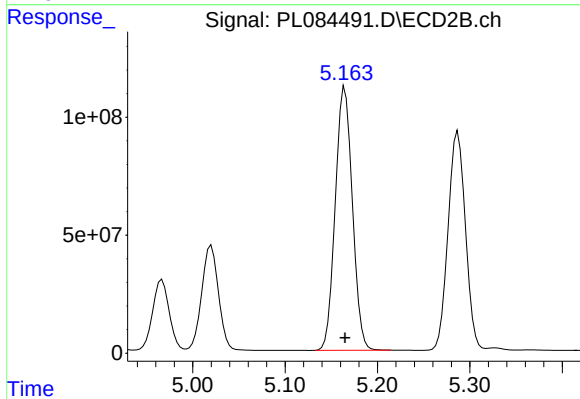
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 375090076
Conc: 275.30 ng/ml



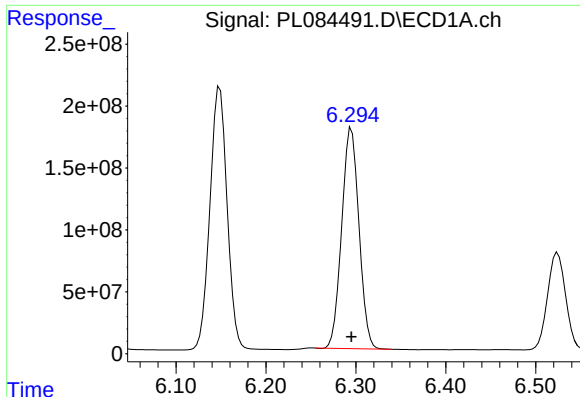
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 2828448948
Conc: 1232.29 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 1437117927
Conc: 1167.00 ng/ml



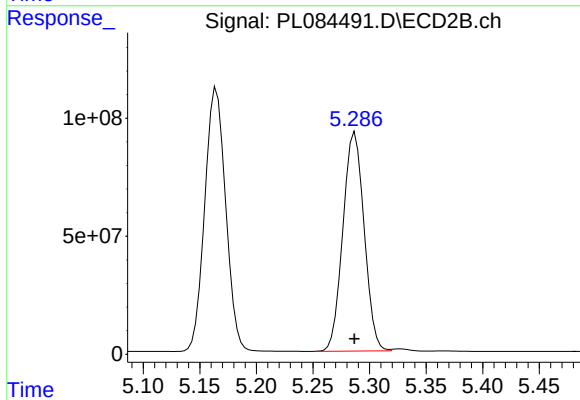
#13 Dieldrin

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 2373358220
Conc: 898.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
X3H68

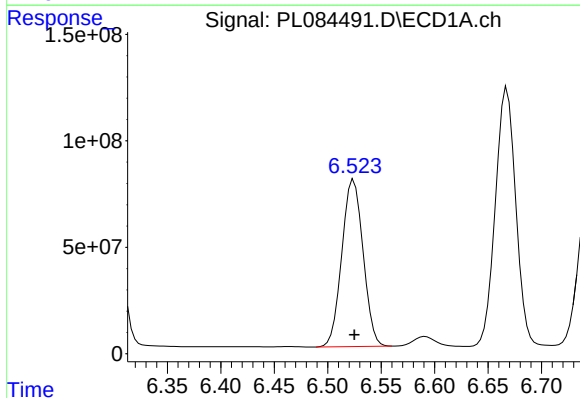
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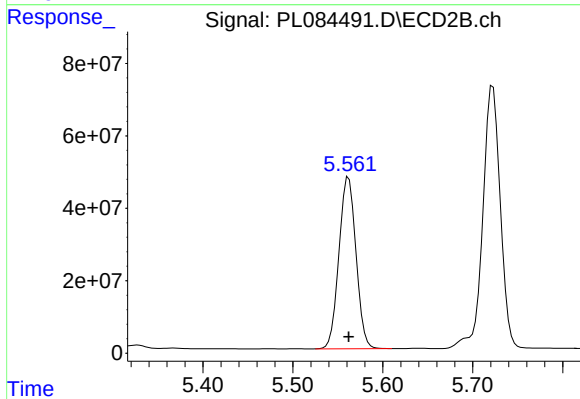
#13 Dieldrin

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 1211443722
Conc: 892.22 ng/ml



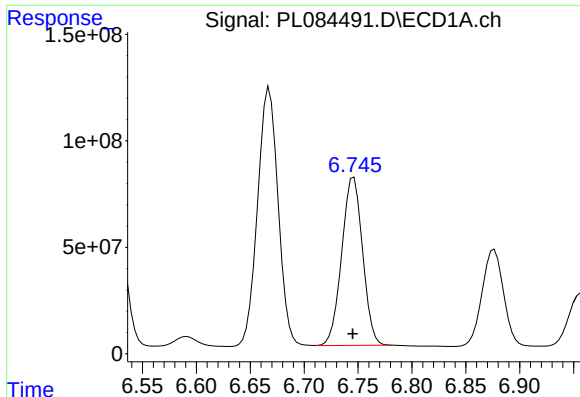
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 1087123456
Conc: 498.45 ng/ml



#14 Endrin

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 624295184
Conc: 510.37 ng/ml



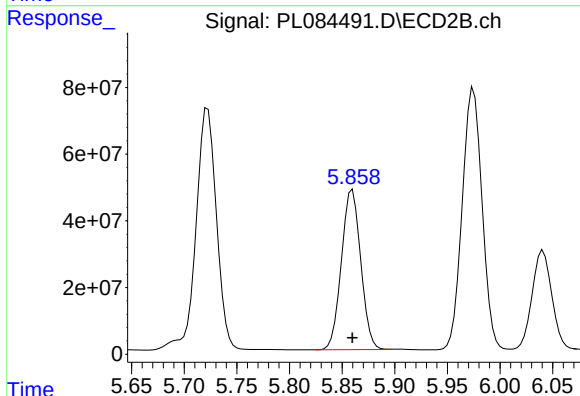
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 1065516365
Conc: 503.79 ng/ml

Instrument :
ECD_L
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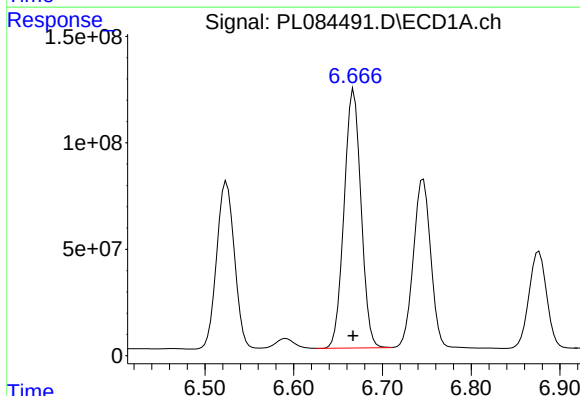
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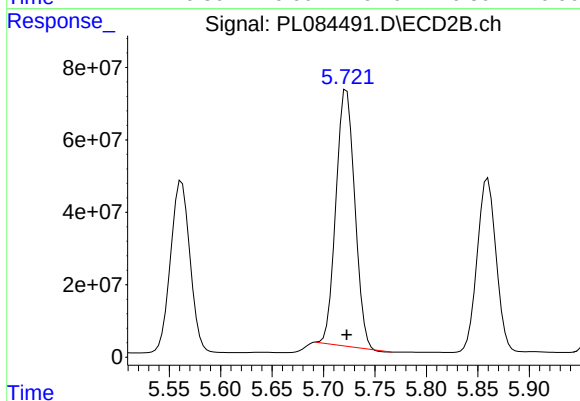
#15 Endosulfan II

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 614780650
Conc: 509.52 ng/ml



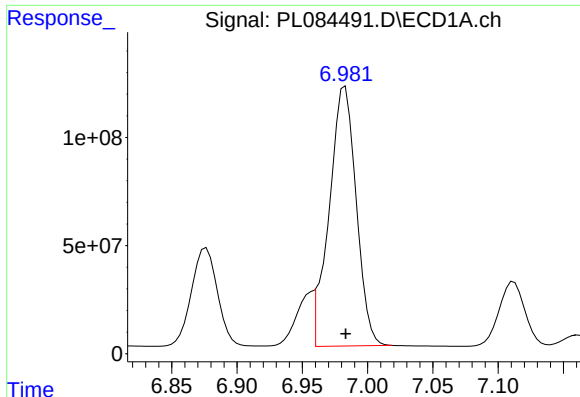
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 1608613482
Conc: 959.46 ng/ml



#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 896648301
Conc: 867.81 ng/ml



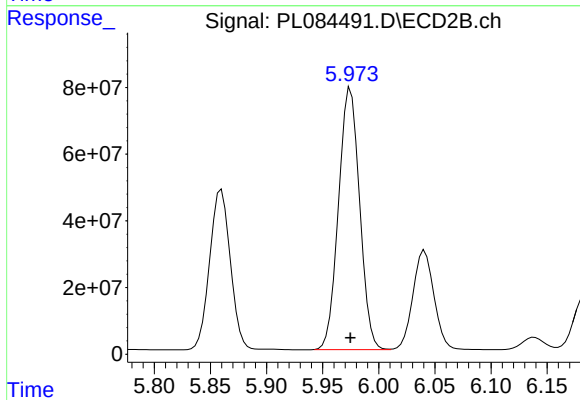
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 1705716674
Conc: 910.34 ng/ml

Instrument :
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#17 4,4'-DDT

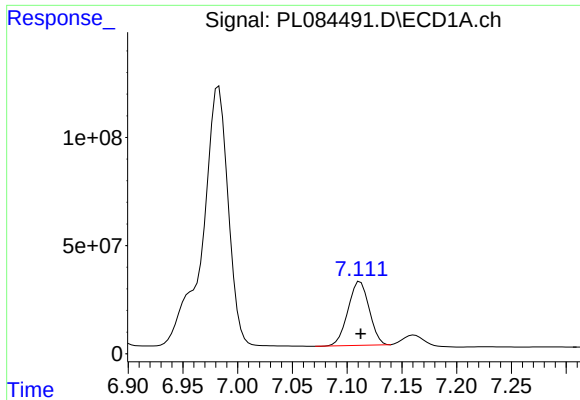
R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 1028687873
Conc: 886.37 ng/ml

#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 630991676
Conc: 374.04 ng/ml

#18 Endrin aldehyde

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 389020426
Conc: 392.26 ng/ml



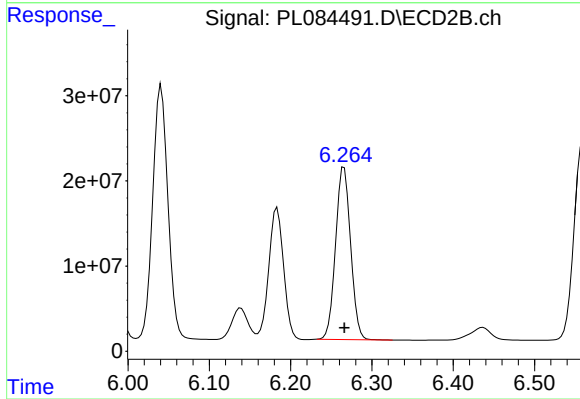
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 396978225
Conc: 198.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
X3H68

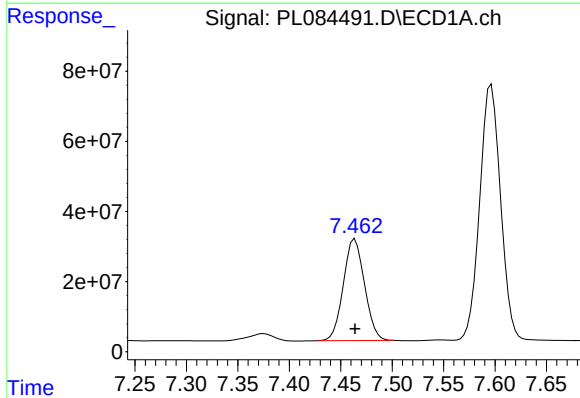
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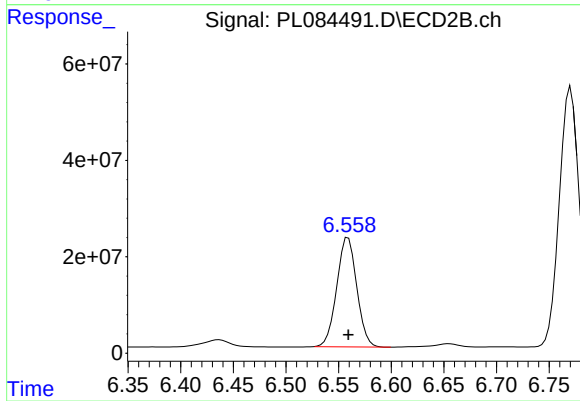
#19 Endosulfan Sulfate

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 260221119
Conc: 218.82 ng/ml



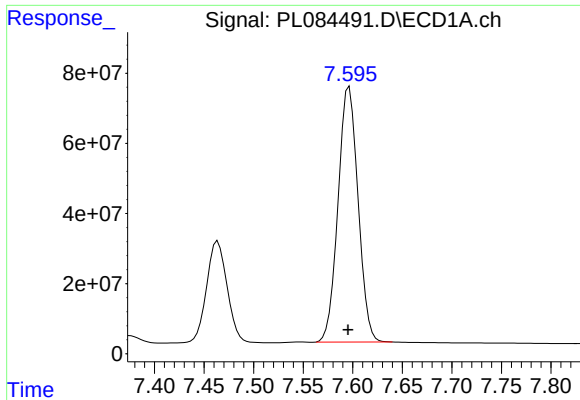
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 414973117
Conc: 432.40 ng/ml



#20 Methoxychlor

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 300878057
Conc: 438.53 ng/ml



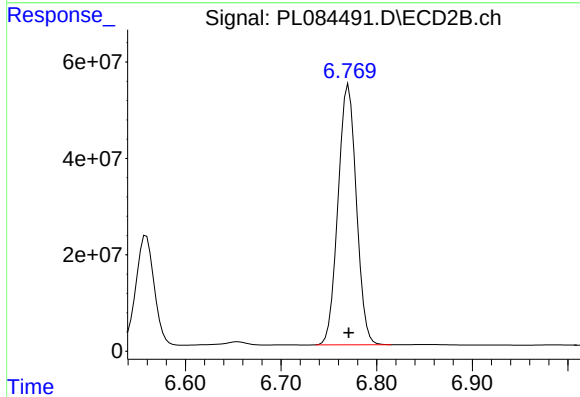
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.001 min
Response: 1023869305
Conc: 511.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
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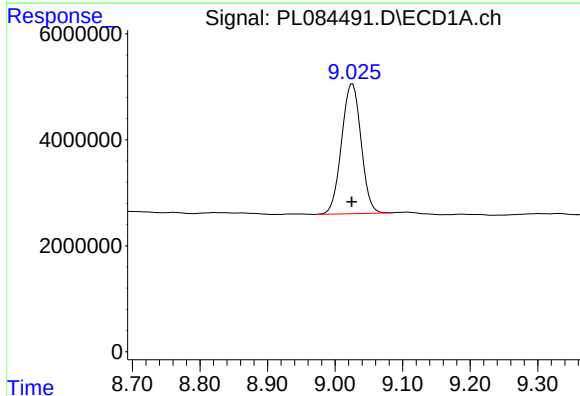
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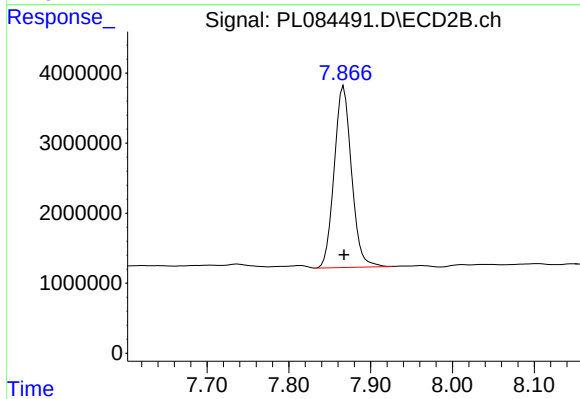
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 719337011
Conc: 498.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 48999422
Conc: 30.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 38089400
Conc: 30.55 ng/ml