

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091024\
 Data File : PL091613.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2024 13:25
 Operator : AR\AJ
 Sample : P3845-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WP

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 05:33:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 2024
 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...	3.539	2.782	52606164	40440266	33.752m	21.622 #
28)	SA Decachlor...	9.060	7.924	27412252	41743058	22.556	22.606
Target Compounds							
2)	A alpha-BHC	4.000	3.286	3469.8E6	4045.2E6	1606.445	1521.004
3)	MA gamma-BHC...	4.332	3.616	1583.6E6	1919.7E6	770.321	780.554
4)	MA Heptachlor	4.922	3.956	889.7E6	1251.1E6	474.998	519.475
5)	MB Aldrin	5.264	4.236	1521.3E6	2027.2E6	816.775	888.555
6)	B beta-BHC	4.529	3.915	1110.1E6	1407.8E6	1219.847	1288.665
7)	B delta-BHC	4.775	4.145	3235.4E6	3937.2E6	1684.096m	1711.274
8)	B Heptachlo...	5.690	4.739	1290.0E6	1721.3E6	773.075	816.652
9)	A Endosulfan I	6.076	5.110	1775.8E6	2303.3E6	1139.691	1193.840
10)	B gamma-Chl...	5.945	4.990	555.7E6	788.8E6	332.629	357.626
11)	B alpha-Chl...	6.025	5.053	1136.0E6	1543.1E6	704.789	745.800
12)	B 4,4'-DDE	6.198	5.243	790.2E6	1127.1E6	541.756	594.259
13)	MA Dieldrin	6.351	5.374	2195.8E6	2824.1E6	1345.680	1373.962
14)	MA Endrin	6.580	5.650	316.4E6	484.7E6	237.986	256.849
15)	B Endosulfa...	6.799	5.944	937.0E6	1245.3E6	604.499	704.019
16)	A 4,4'-DDD	6.715	5.796	811.0E6	1376.4E6	639.850	821.384m#
17)	MA 4,4'-DDT	7.029	6.048	640.4E6	925.0E6	488.225	575.681
18)	B Endrin al...	6.930	6.123	1936.9E6	2479.2E6	1630.202	1813.578
19)	B Endosulfa...	7.164	6.346	669.9E6	943.0E6	479.724	549.494
20)	A Methoxychlor	7.505	6.623	543.8E6	773.5E6	803.931	873.293
21)	B Endrin ke...	7.648	6.851	2482.9E6	3175.8E6	1605.660	1578.906

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091024\
Data File : PL091613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 13:25
Operator : AR\AJ
Sample : P3845-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

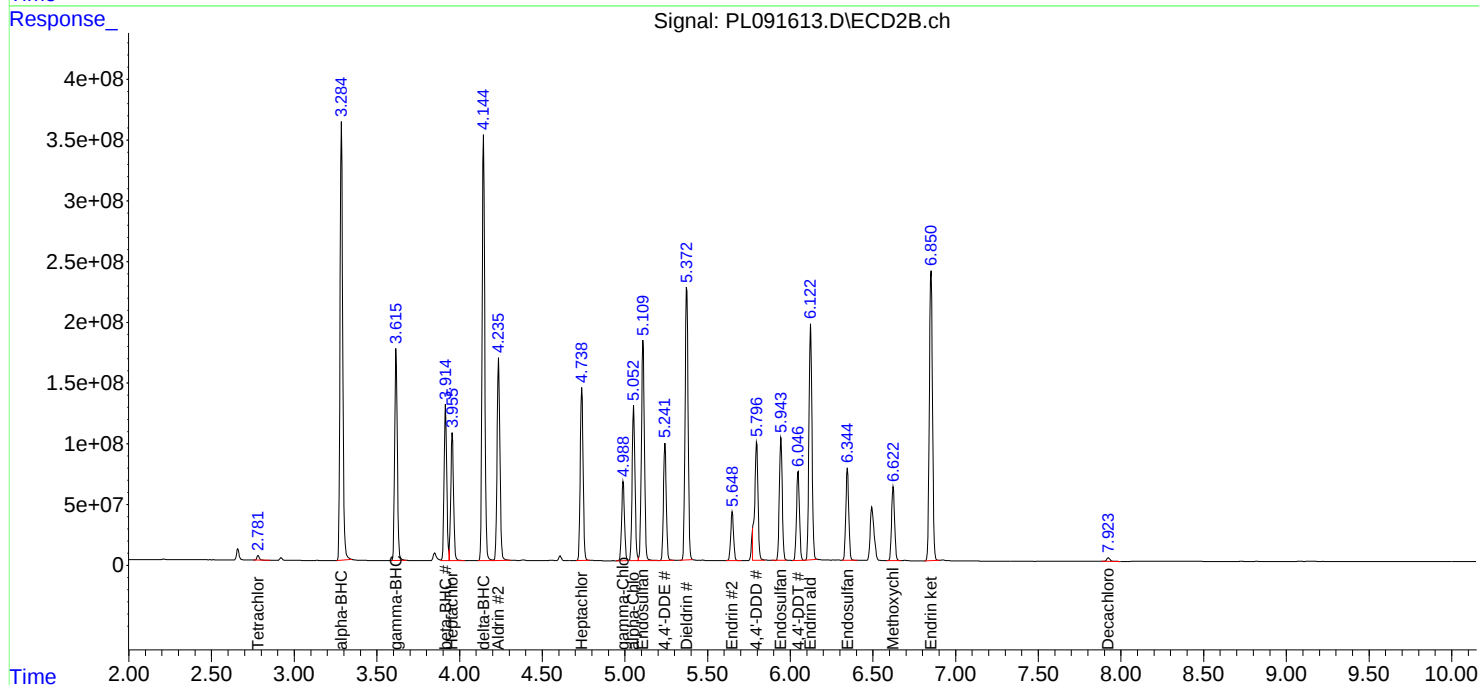
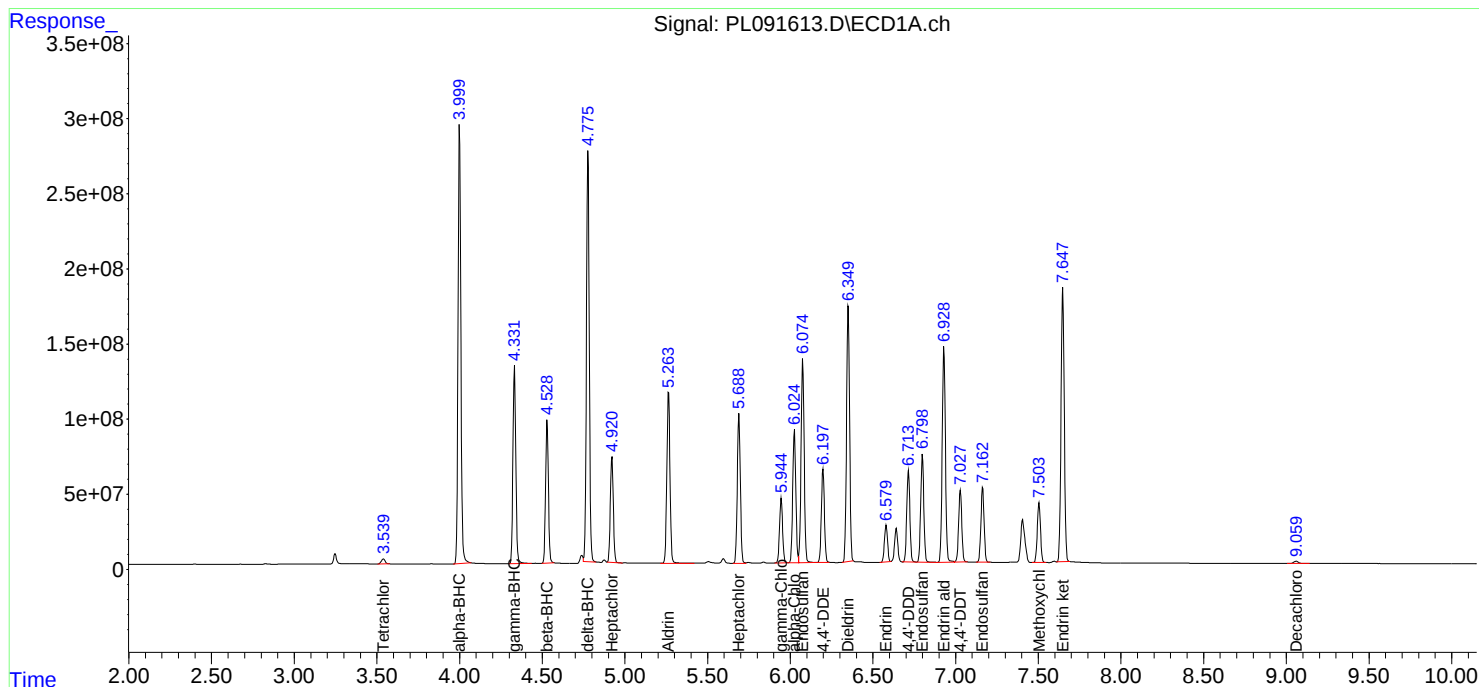
Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

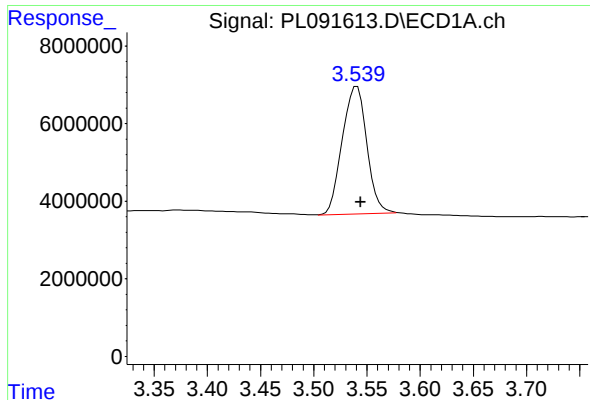
Manual Integrations
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Supervised By : Ankita Jodhani 09/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 05:33:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 19:26:36 2024
Response via : Initial Calibration
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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





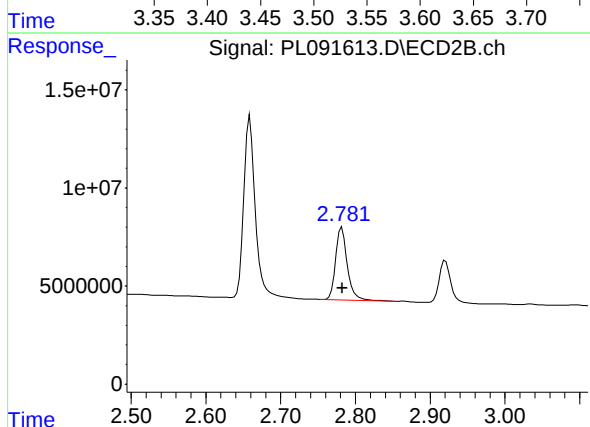
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 52606164
Conc: 33.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

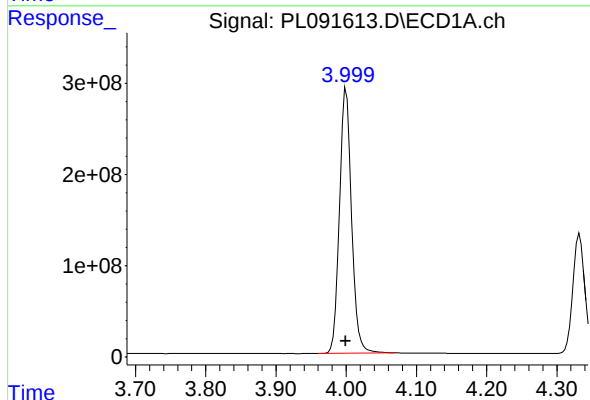
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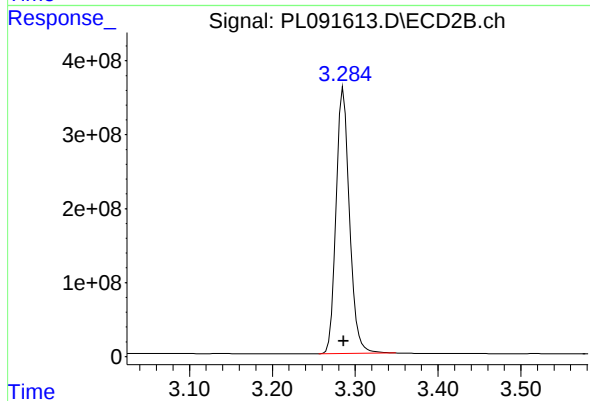
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 40440266
Conc: 21.62 ng/ml



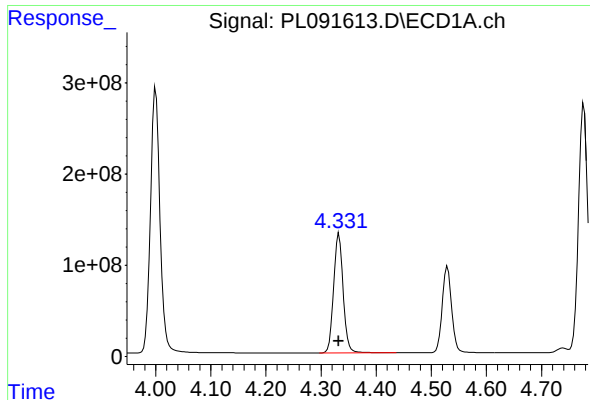
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 3469796637
Conc: 1606.45 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 4045207241
Conc: 1521.00 ng/ml



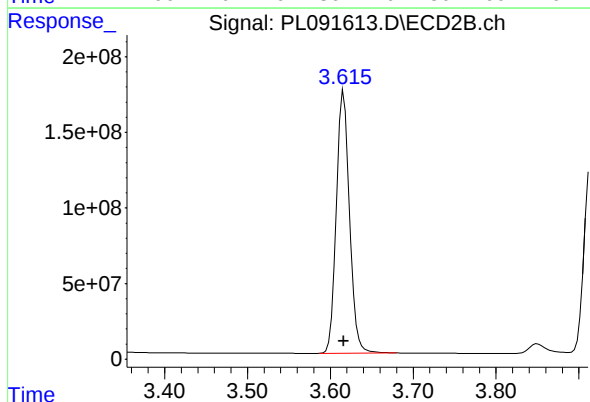
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 1583550520
Conc: 770.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

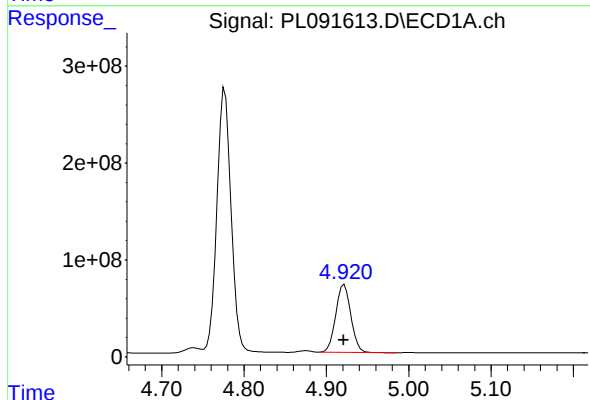
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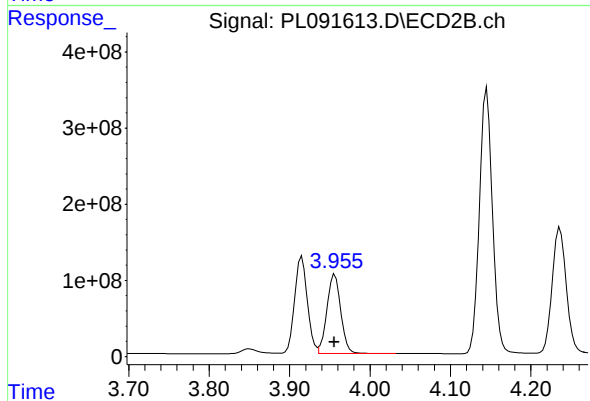
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 1919742128
Conc: 780.55 ng/ml



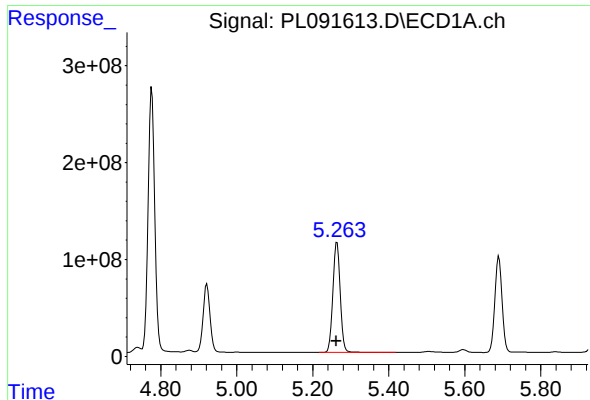
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 889683220
Conc: 475.00 ng/ml



#4 Heptachlor

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 1251061278
Conc: 519.47 ng/ml



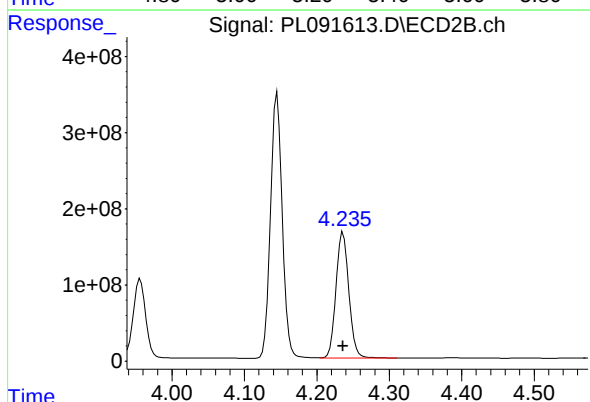
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 1521307367
Conc: 816.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

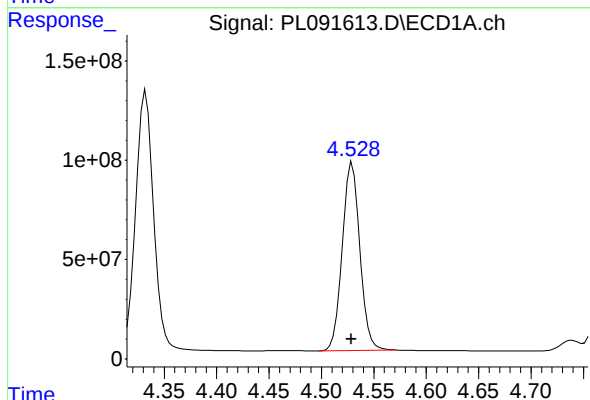
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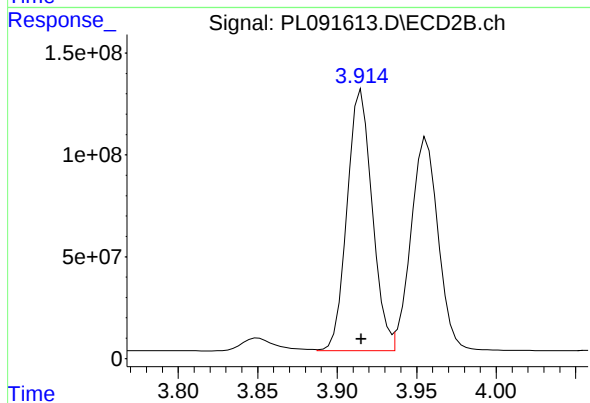
#5 Aldrin

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 2027240122
Conc: 888.55 ng/ml



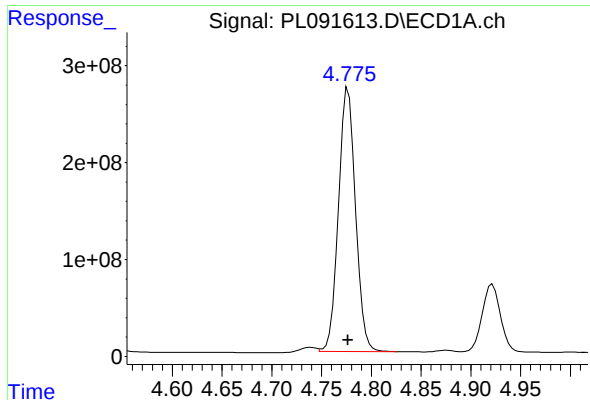
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 1110085684
Conc: 1219.85 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 1407822248
Conc: 1288.67 ng/ml



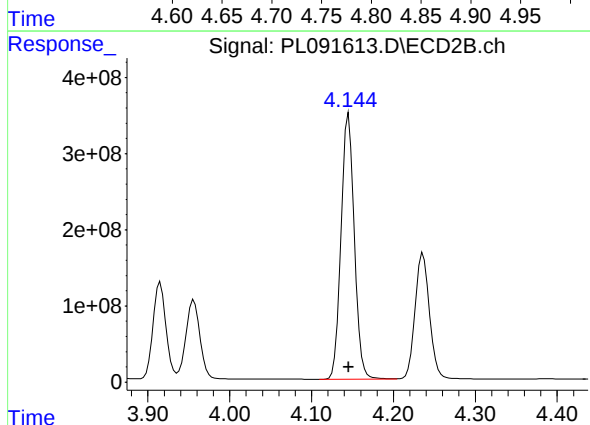
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 3235434022
Conc: 1684.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

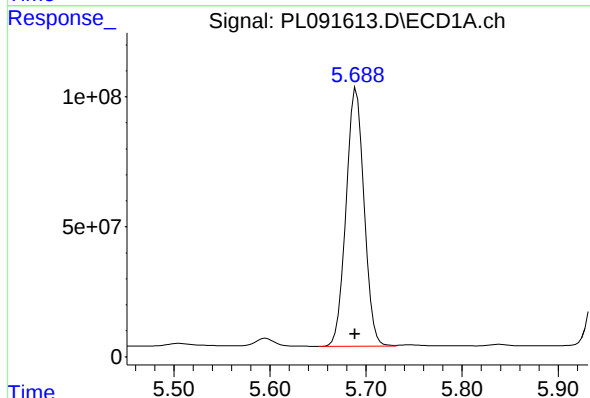
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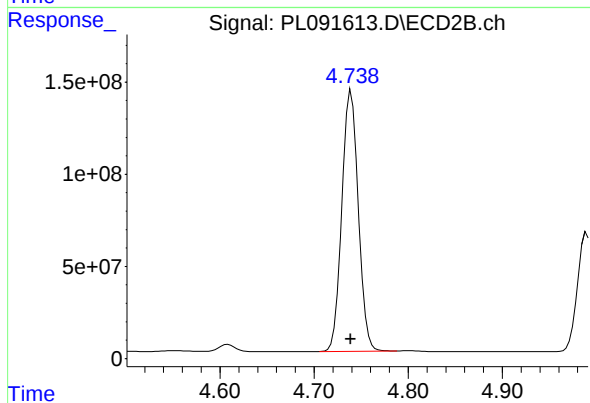
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 3937180181
Conc: 1711.27 ng/ml



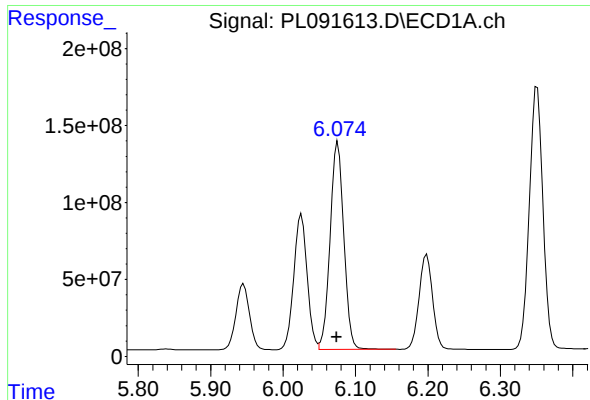
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.001 min
Response: 1290045157
Conc: 773.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 1721271847
Conc: 816.65 ng/ml



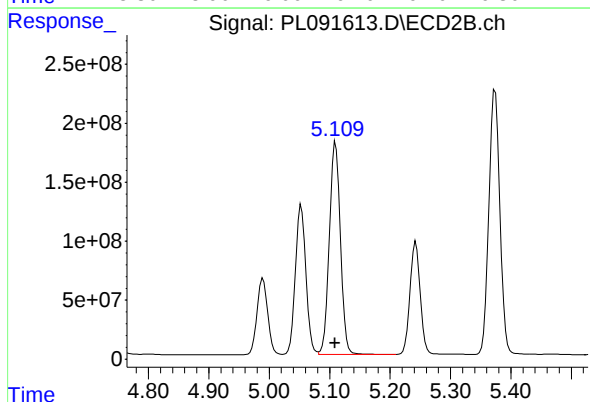
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 1775759392
Conc: 1139.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

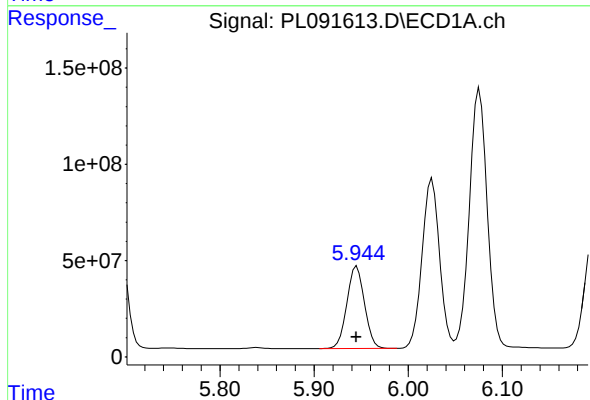
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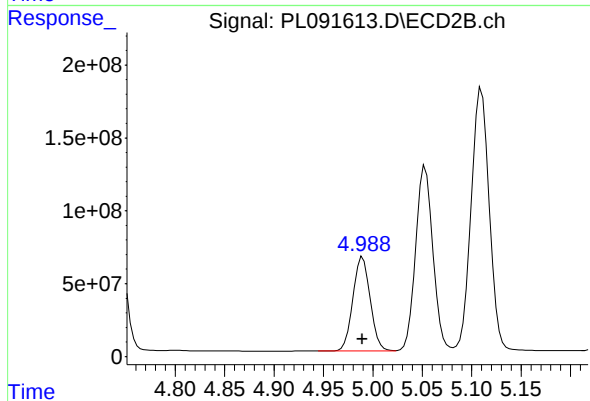
#9 Endosulfan I

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 2303323837
Conc: 1193.84 ng/ml



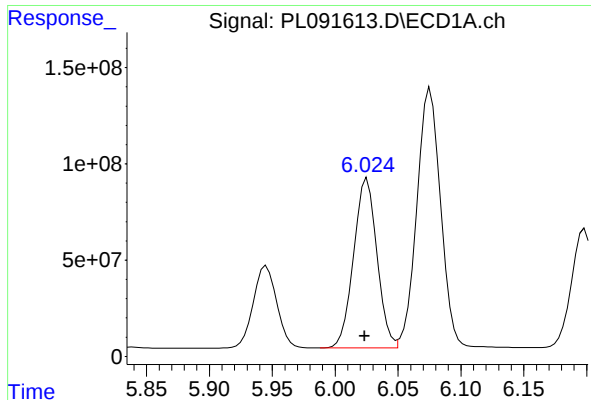
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 555748692
Conc: 332.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 788807154
Conc: 357.63 ng/ml



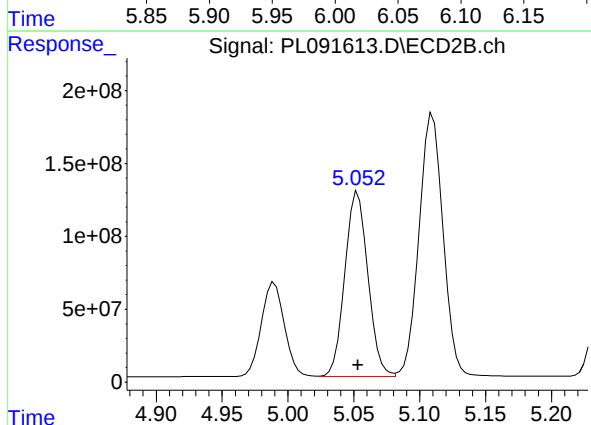
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.002 min
Response: 1135999356
Conc: 704.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

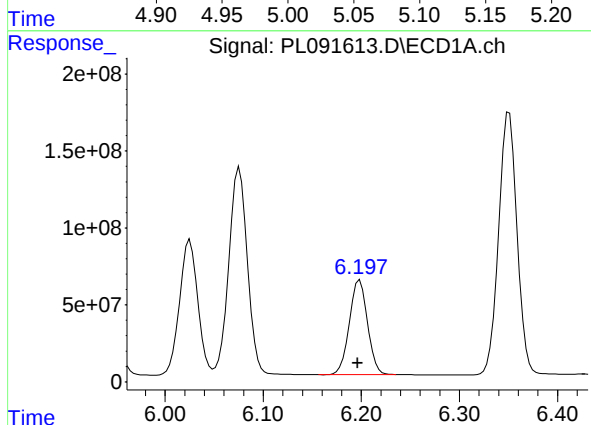
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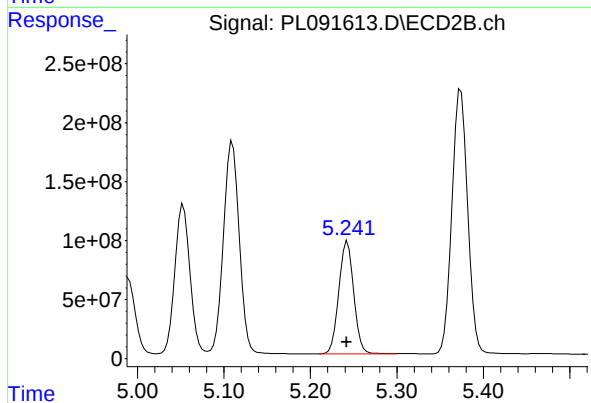
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 1543065337
Conc: 745.80 ng/ml



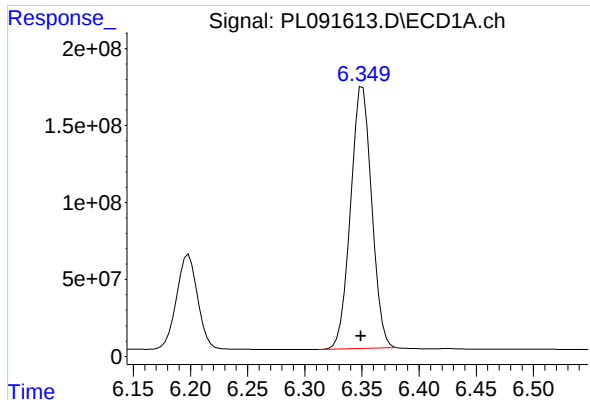
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 790236303
Conc: 541.76 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 1127136055
Conc: 594.26 ng/ml



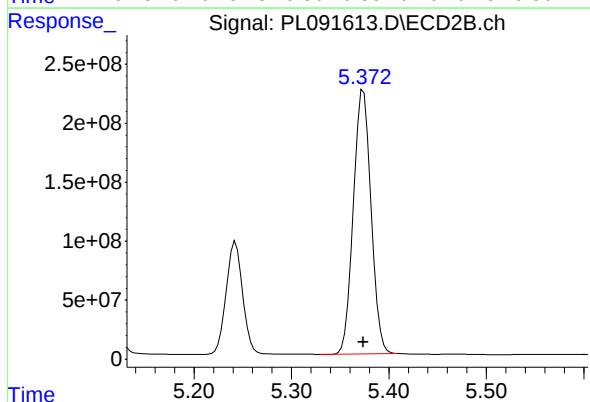
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 2195802043
Conc: 1345.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

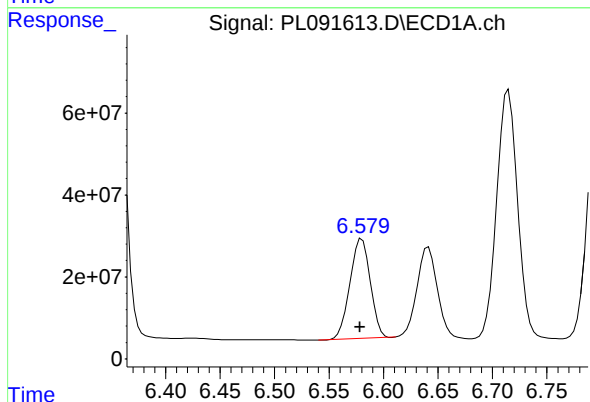
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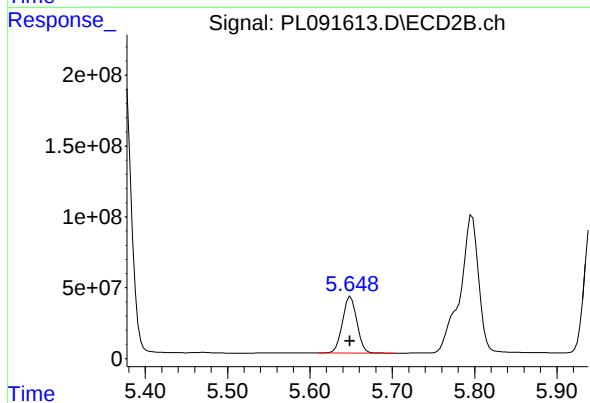
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 2824095833
Conc: 1373.96 ng/ml



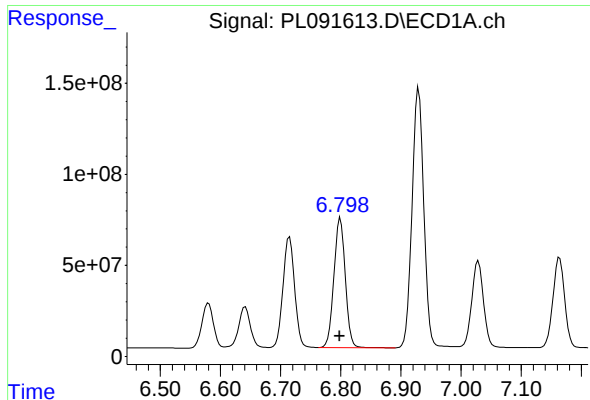
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 316447557
Conc: 237.99 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 484723765
Conc: 256.85 ng/ml



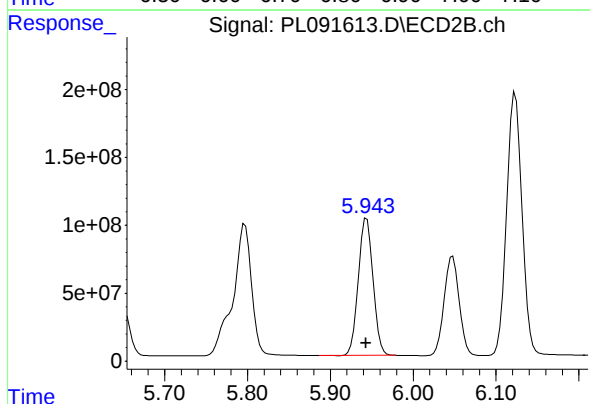
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 936977019
Conc: 604.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

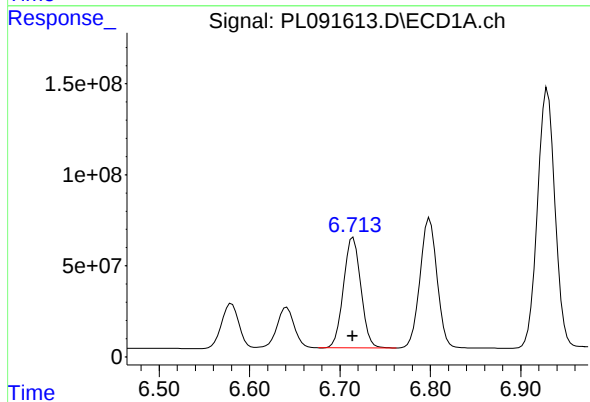
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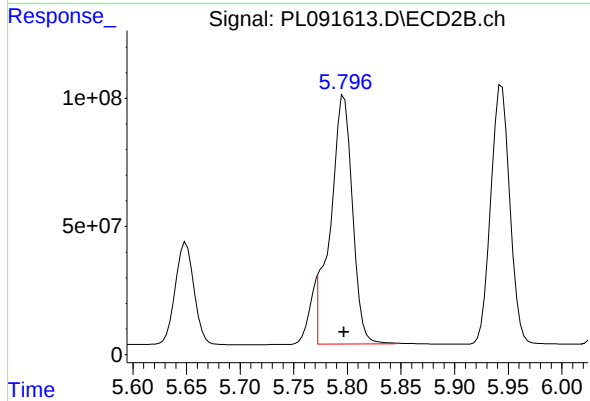
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 1245349856
Conc: 704.02 ng/ml



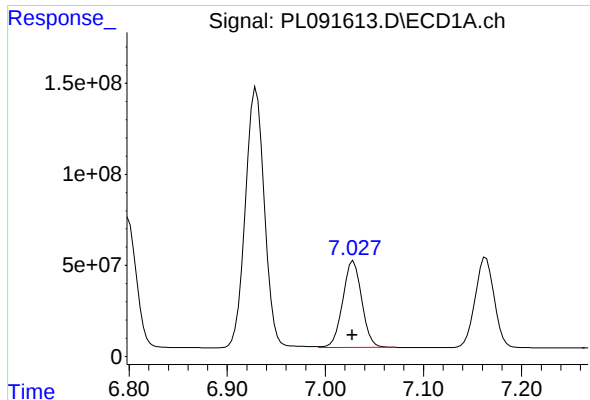
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 811040377
Conc: 639.85 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 1376434487
Conc: 821.38 ng/ml m



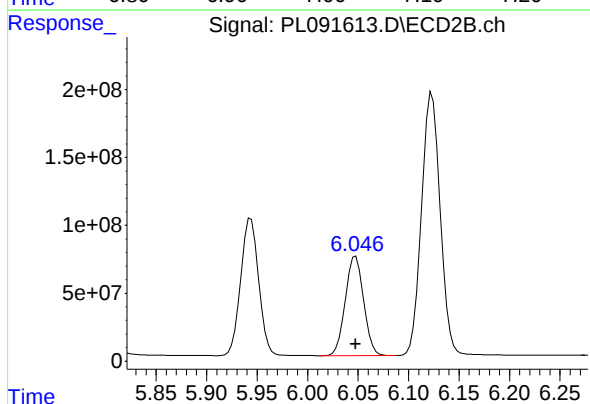
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.001 min
Response: 640428318
Conc: 488.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

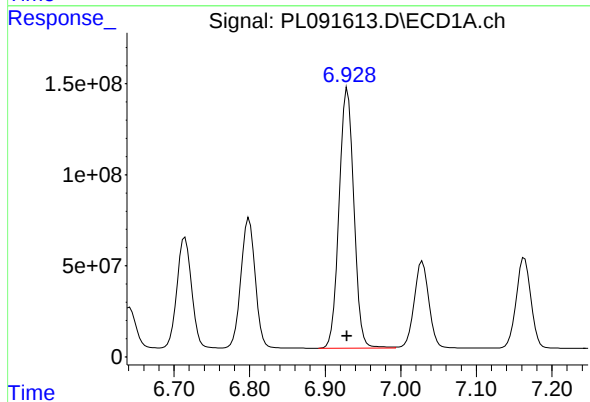
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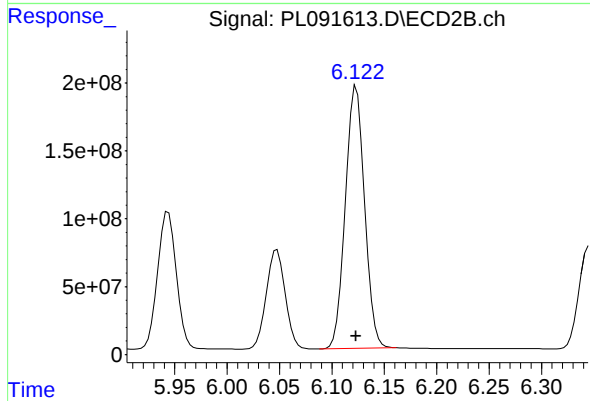
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 924994287
Conc: 575.68 ng/ml



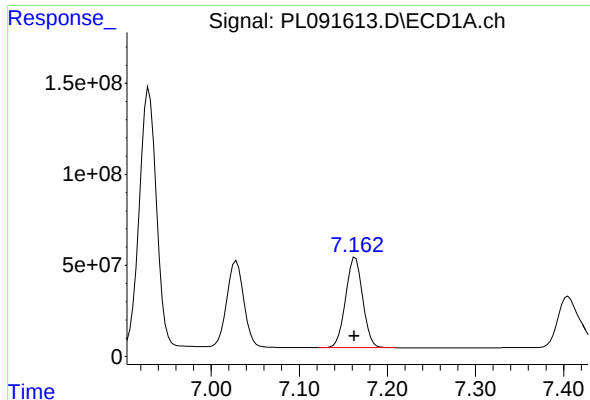
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 1936893975
Conc: 1630.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 2479231989
Conc: 1813.58 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.001 min
Response: 669883674
Conc: 479.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

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#19 Endosulfan Sulfate

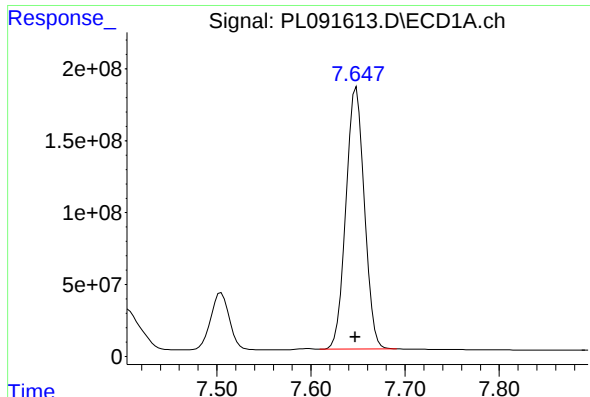
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 942993563
Conc: 549.49 ng/ml

#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 543833001
Conc: 803.93 ng/ml

#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 773530550
Conc: 873.29 ng/ml



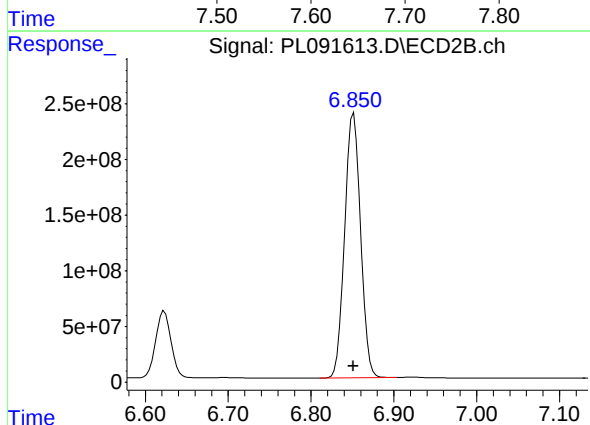
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.001 min
Response: 2482867188
Conc: 1605.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

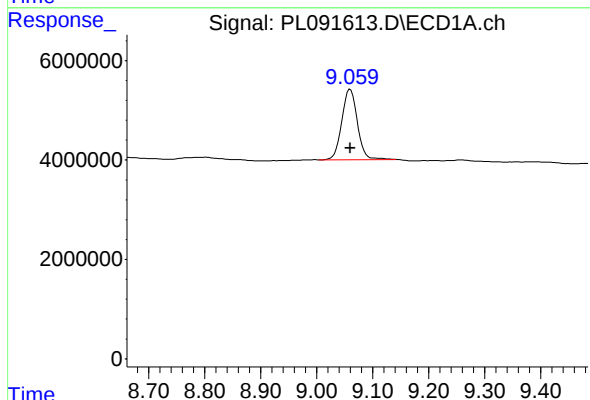
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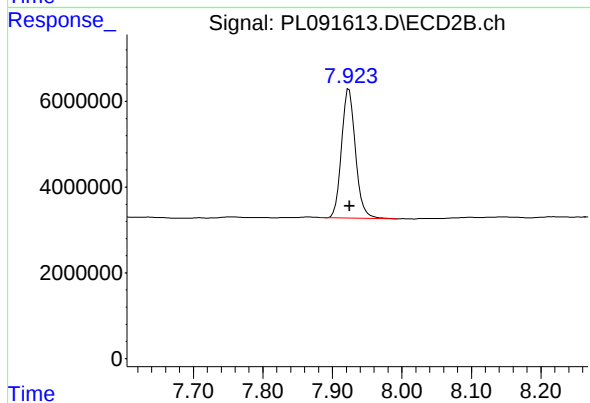
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 3175815515
Conc: 1578.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 27412252
Conc: 22.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 41743058
Conc: 22.61 ng/ml