

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2024 07:09
 Operator : AR\AJ
 Sample : P3726-01MSD 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MOO-SOIL-PILE

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 09:06:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.543	2.783	4085078	4037944	1.903m	2.069m
2) SA Decachlor...	9.036f	7.906f	37496888	25944009	24.595m	13.697 #
Target Compounds						
2) A alpha-BHC	3.999	3.286	16256625	12814609	5.423	4.620m
3) MA gamma-BHC...	4.329	3.617	19783456	18500340	6.896m	7.024m
4) MA Heptachlor	4.918	3.957	15689754	14694711	5.892m	5.690
5) MB Aldrin	5.261	4.237	15730000	14648671	6.095	5.957
6) B beta-BHC	4.527	3.918	8384097	11376661	6.200m	9.665 #
7) B delta-BHC	4.774	4.145	21462554	13885641	7.883	5.479 #
8) B Heptachlo...	5.686	4.739	22630928	12520303	9.250	5.553 #
9) A Endosulfan I	6.072	5.112	16384084	5176350	7.297	2.453 #
10) B gamma-Chl...	5.939	4.989	15117401	17991991	6.256m	7.611
11) B alpha-Chl...	6.020	5.053	16579287	18247556	6.886m	7.756
12) B 4,4'-DDE	6.193	5.240	4926081	14013131	2.355	6.707m#
13) MA Dieldrin	6.345	5.376	18944911	32068699	8.044m	14.080 #
14) MA Endrin	6.575	5.647	13181411	22834895	6.797m	11.209m#
15) B Endosulfa...	6.795	5.944	12623825	19295586	6.238	9.974m#
16) A 4,4'-DDD	6.707	5.796	28501752	12667162	18.858m	7.673 #
17) MA 4,4'-DDT	7.023	6.045	28690721	30042886	16.163m	16.912
18) B Endrin al...	6.925	6.120	9647861	12703861	6.043	8.156m#
19) B Endosulfa...	7.157	6.343	7714219	14041875	4.021m	7.283m#
20) A Methoxychlor	7.498	6.621	4014824	1970967	4.270m	1.985m#
21) B Endrin ke...	7.639	6.848	35133613	10419659	16.733m	4.784 #
22) Mirex	8.121	7.030	14243459	12857439	8.373	6.889

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2024 07:09
Operator : AR\AJ
Sample : P3726-01MSD 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

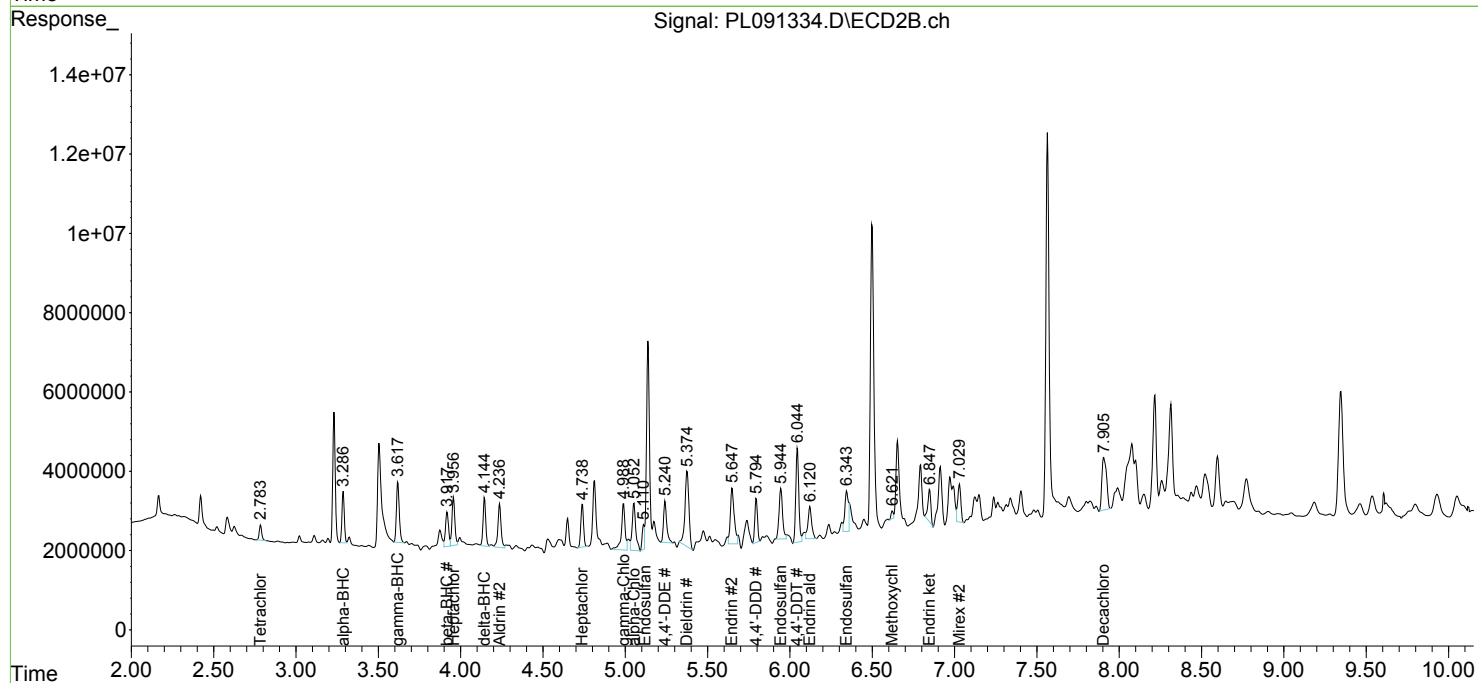
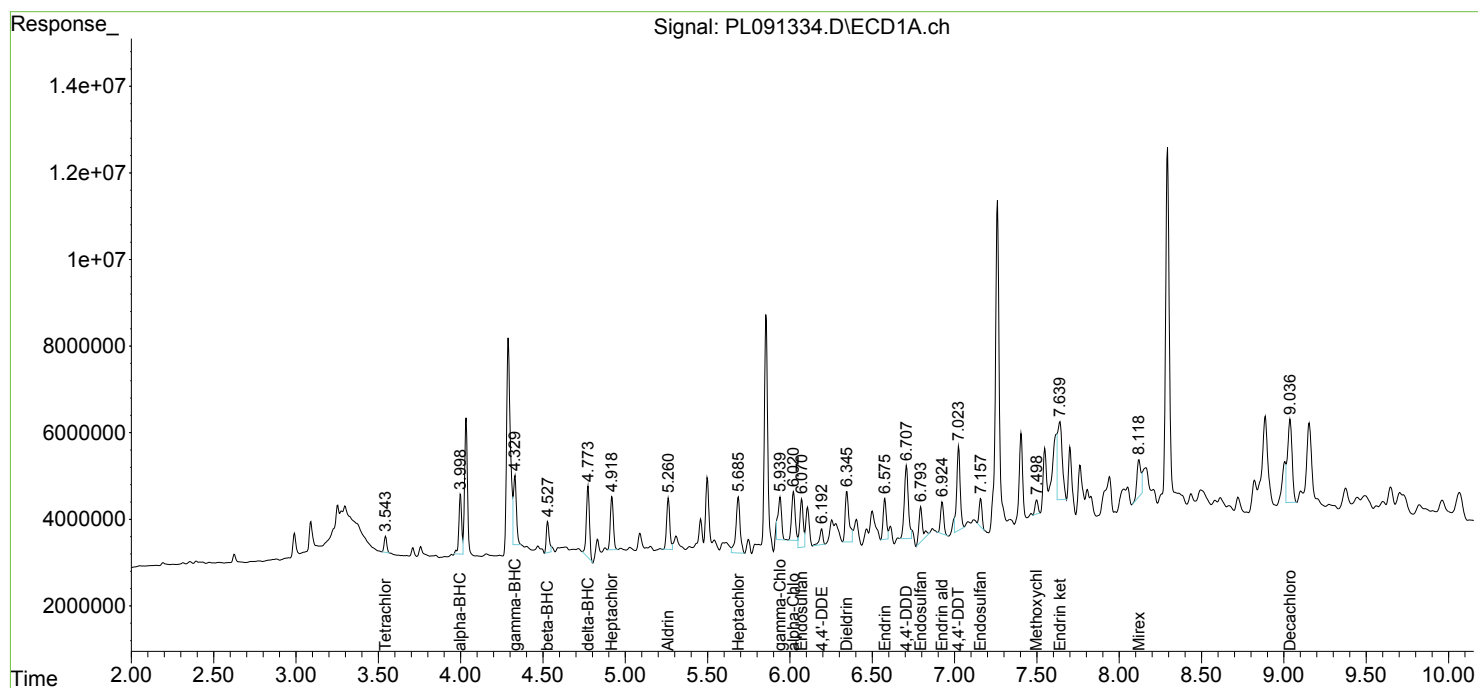
Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

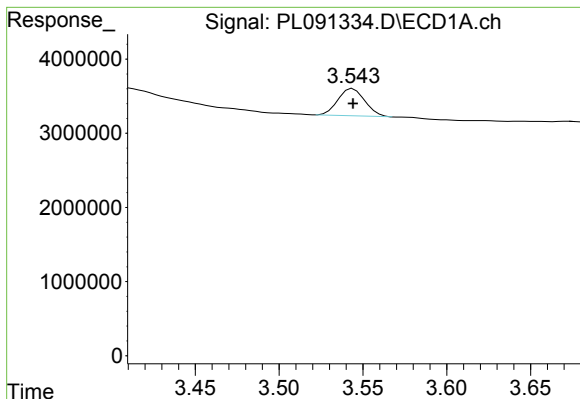
Manual Integrations
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Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 09:06:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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





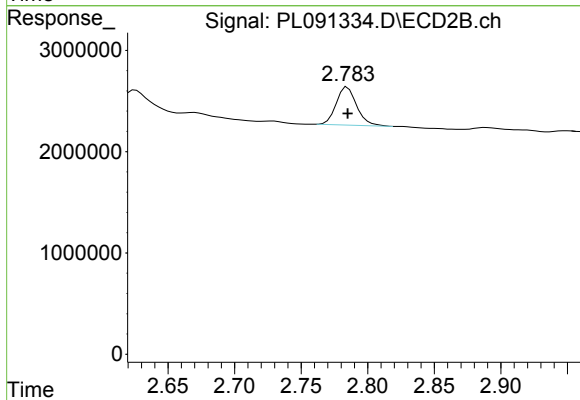
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 4085078
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

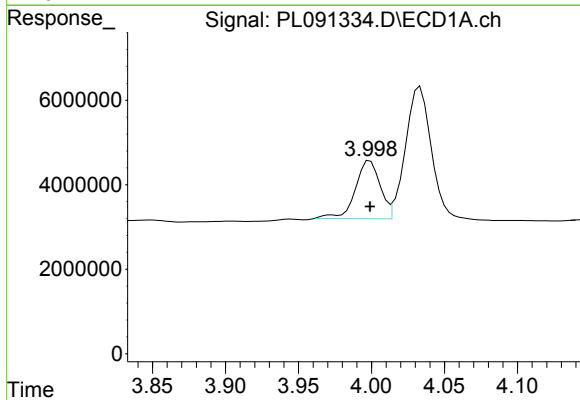
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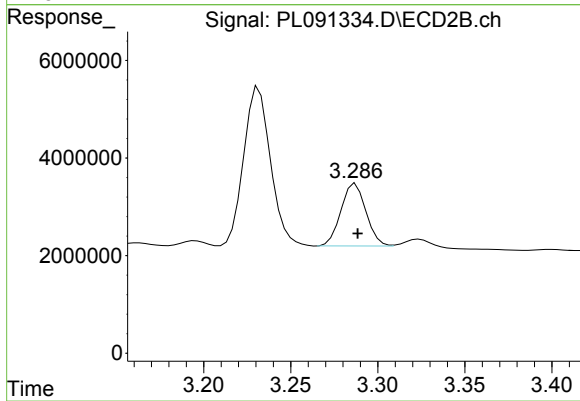
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.001 min
Response: 4037944
Conc: 2.07 ng/ml m



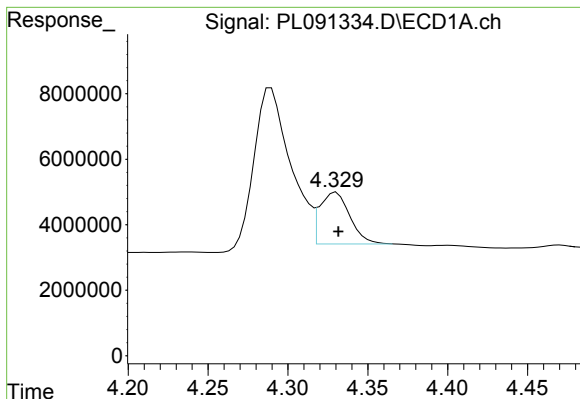
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 16256625
Conc: 5.42 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: -0.003 min
Response: 12814609
Conc: 4.62 ng/ml m



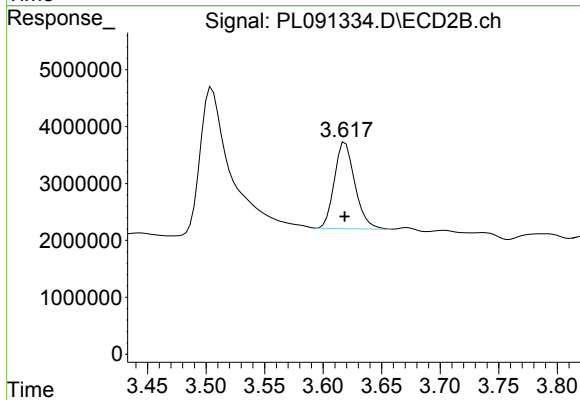
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 19783456
Conc: 6.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

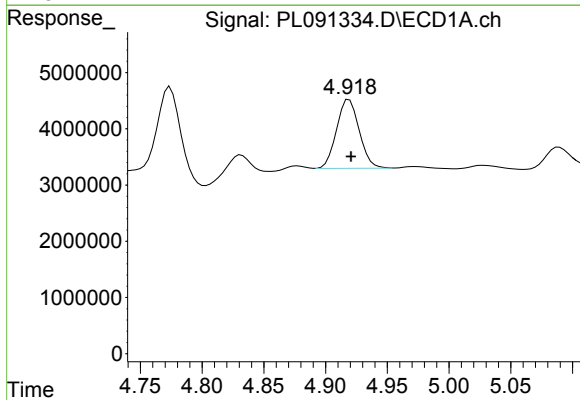
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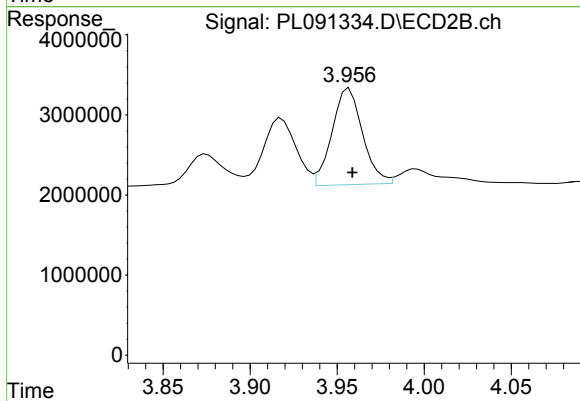
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: 0.000 min
Response: 18500340
Conc: 7.02 ng/ml m



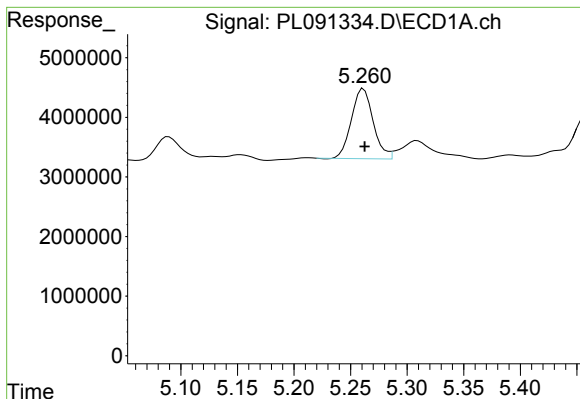
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.003 min
Response: 15689754
Conc: 5.89 ng/ml m



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 14694711
Conc: 5.69 ng/ml



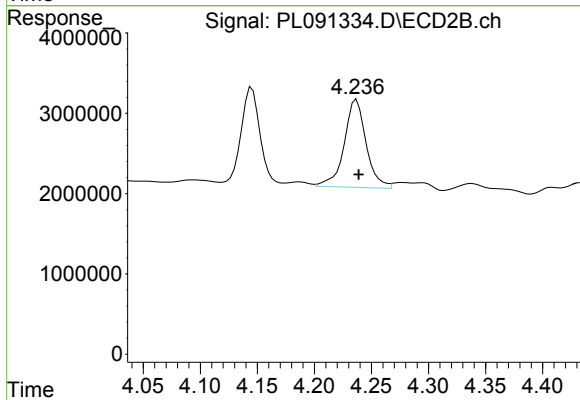
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 15730000
Conc: 6.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

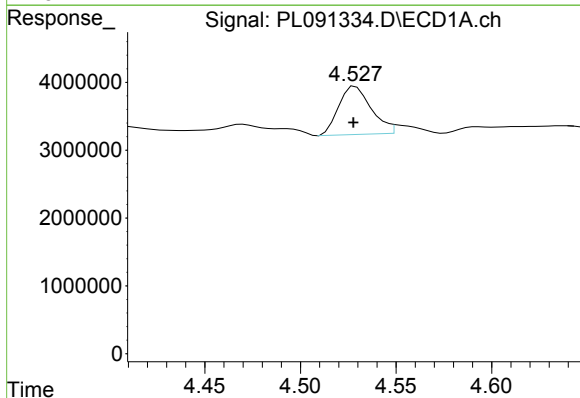
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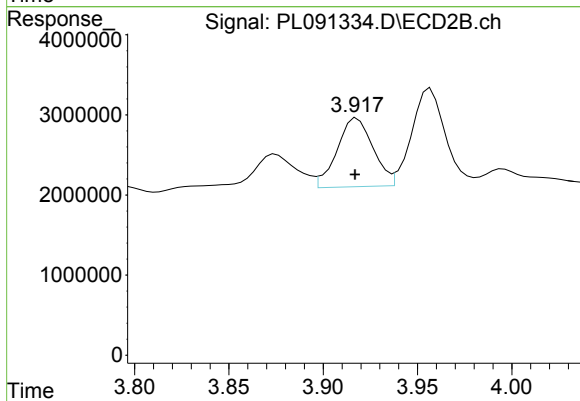
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 14648671
Conc: 5.96 ng/ml



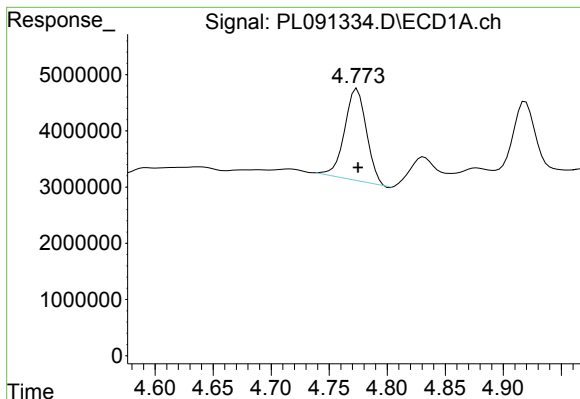
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 8384097
Conc: 6.20 ng/ml m



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 11376661
Conc: 9.67 ng/ml



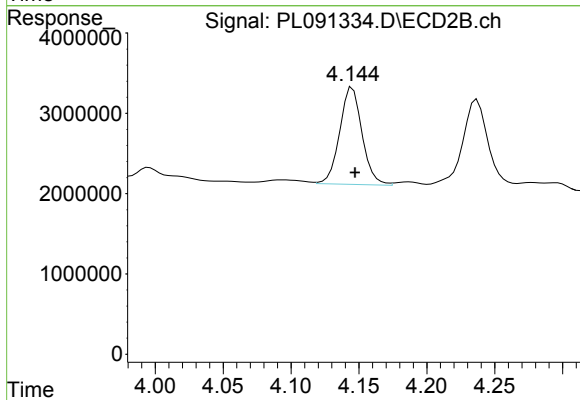
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 21462554
Conc: 7.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

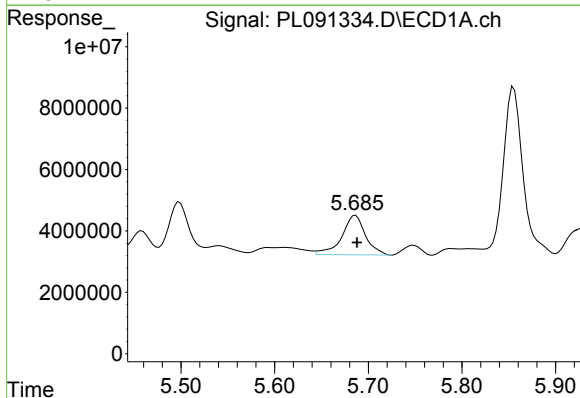
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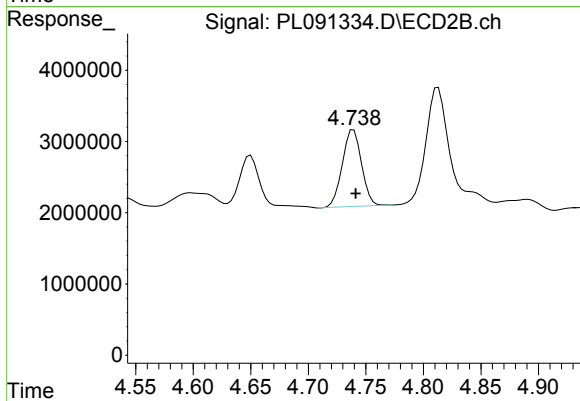
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: -0.002 min
Response: 13885641
Conc: 5.48 ng/ml



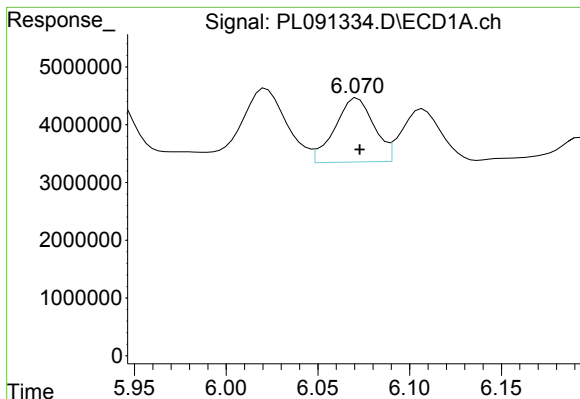
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 22630928
Conc: 9.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.739 min
Delta R.T.: -0.002 min
Response: 12520303
Conc: 5.55 ng/ml



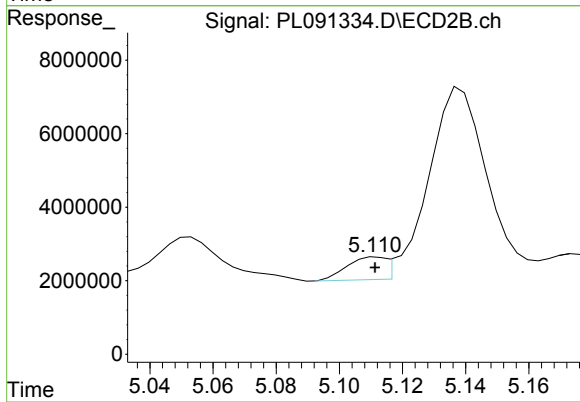
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 16384084
Conc: 7.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

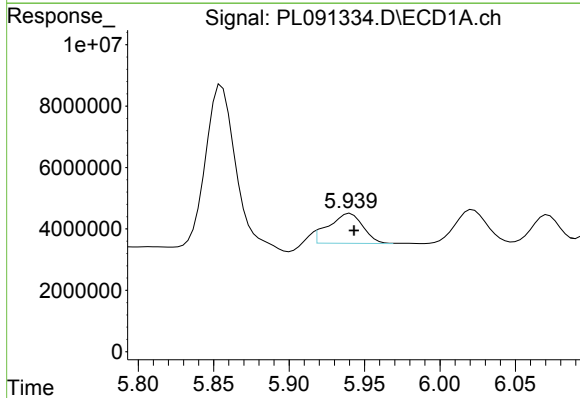
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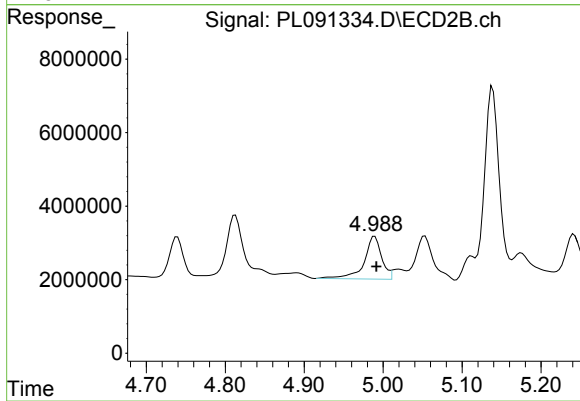
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 5176350
Conc: 2.45 ng/ml



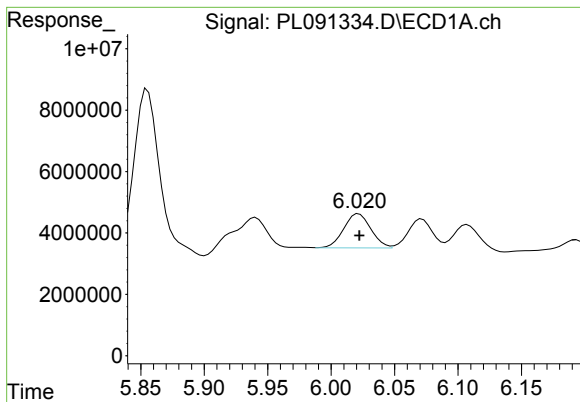
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.004 min
Response: 15117401
Conc: 6.26 ng/ml m



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 17991991
Conc: 7.61 ng/ml



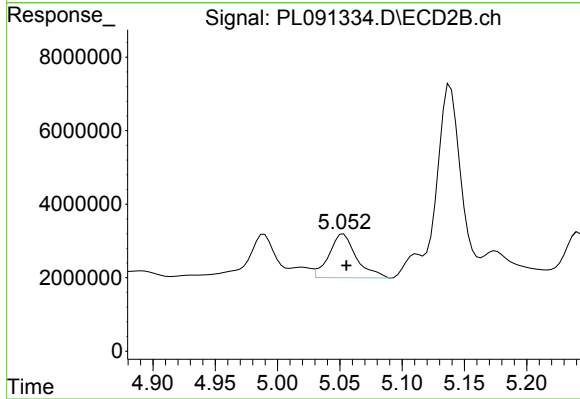
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 16579287
Conc: 6.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

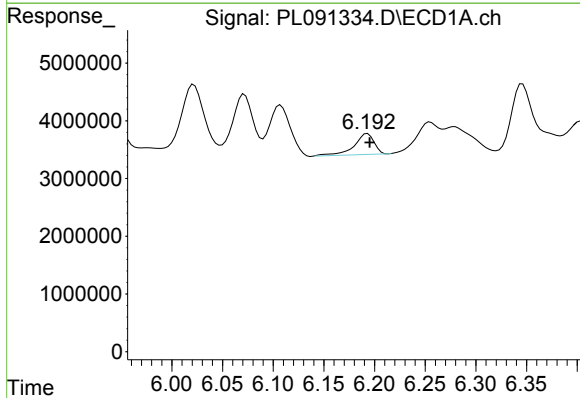
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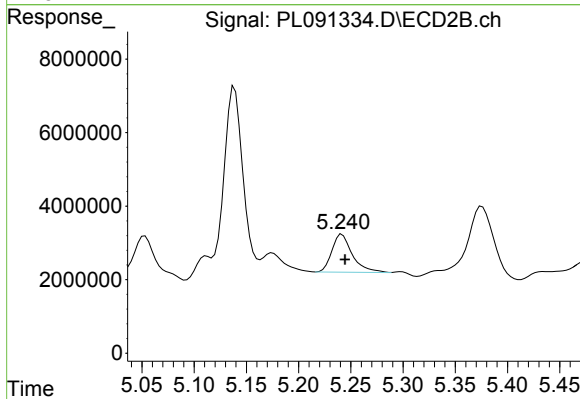
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 18247556
Conc: 7.76 ng/ml



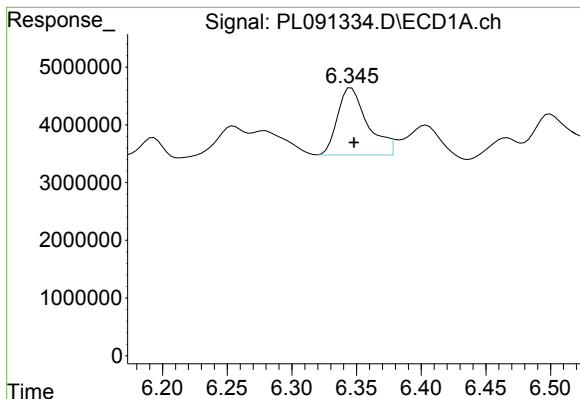
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 4926081
Conc: 2.35 ng/ml



#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: -0.004 min
Response: 14013131
Conc: 6.71 ng/ml m



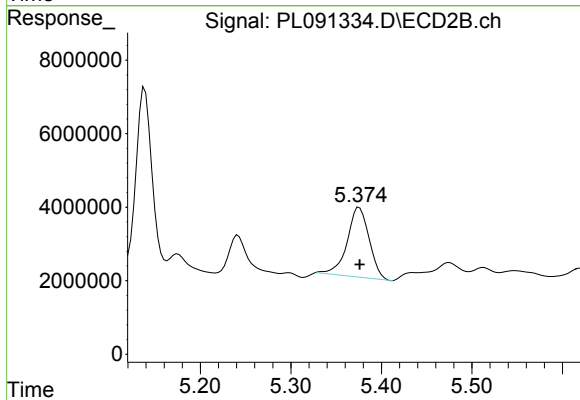
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.004 min
Response: 18944911
Conc: 8.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

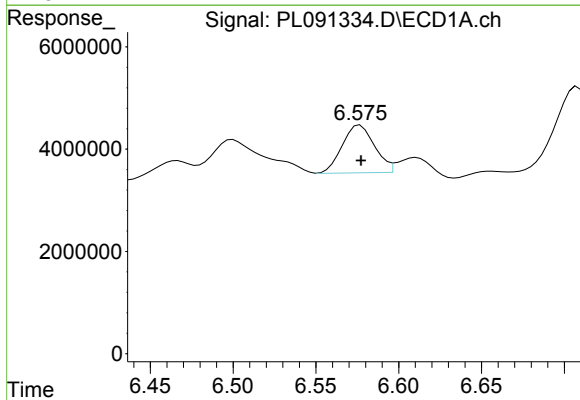
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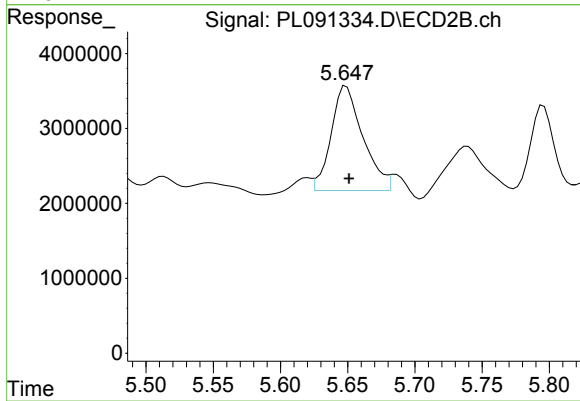
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 32068699
Conc: 14.08 ng/ml



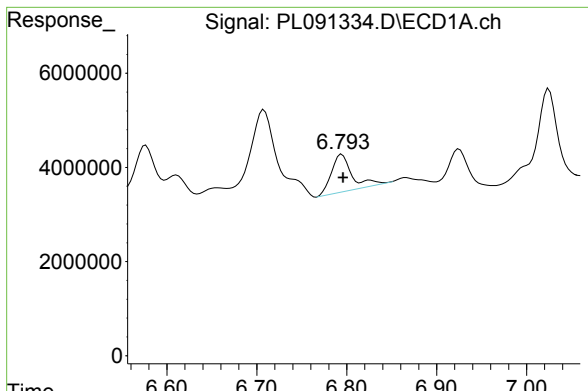
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.002 min
Response: 13181411
Conc: 6.80 ng/ml m



#14 Endrin

R.T.: 5.647 min
Delta R.T.: -0.004 min
Response: 22834895
Conc: 11.21 ng/ml m



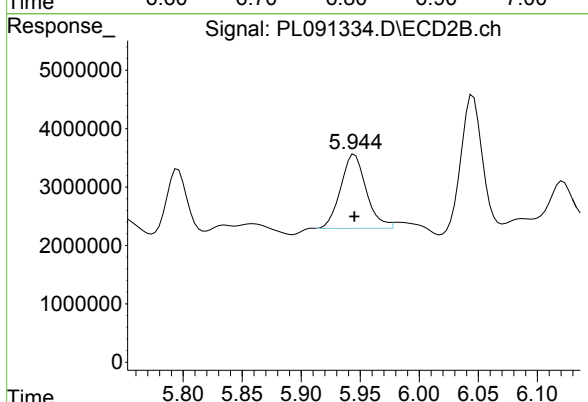
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 12623825
Conc: 6.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
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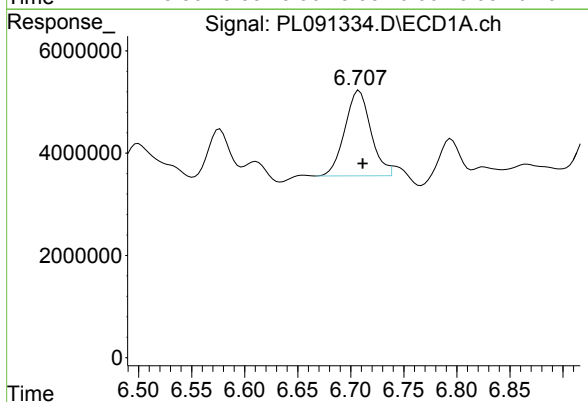
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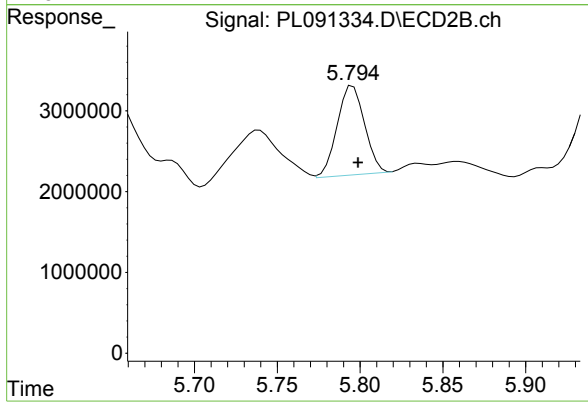
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 19295586
Conc: 9.97 ng/ml m



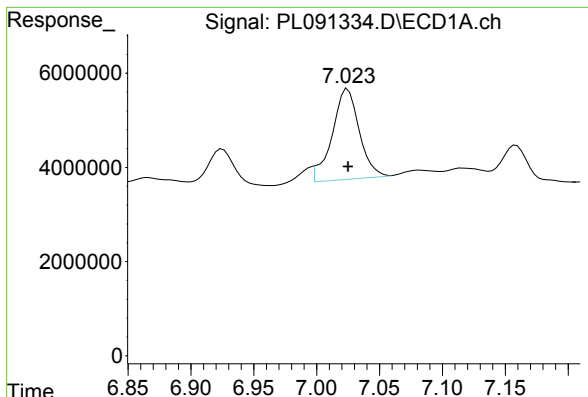
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.005 min
Response: 28501752
Conc: 18.86 ng/ml m



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 12667162
Conc: 7.67 ng/ml



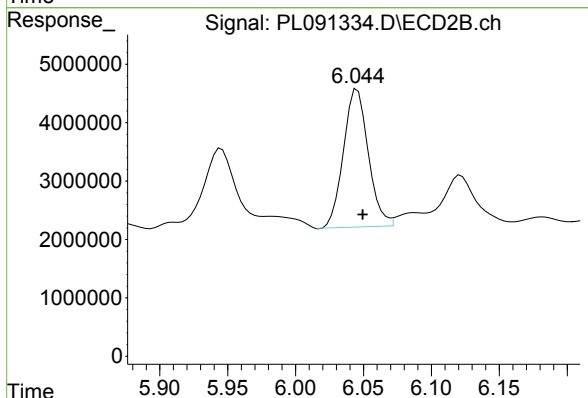
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 28690721
Conc: 16.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

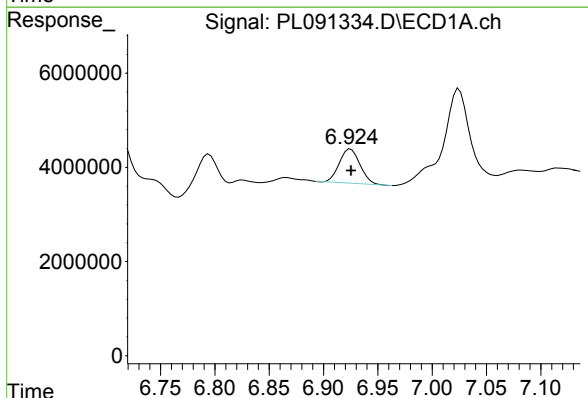
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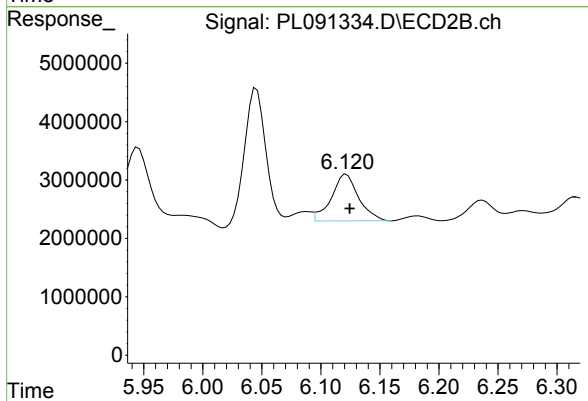
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.004 min
Response: 30042886
Conc: 16.91 ng/ml



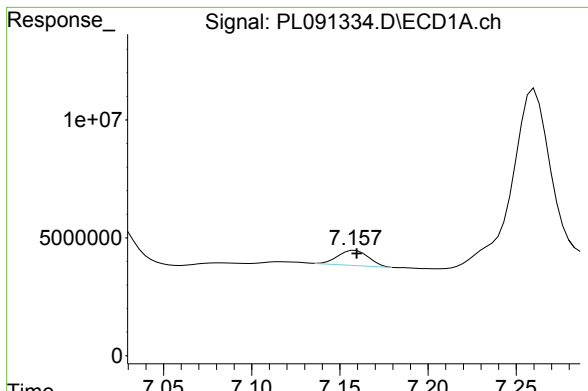
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 9647861
Conc: 6.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 12703861
Conc: 8.16 ng/ml m



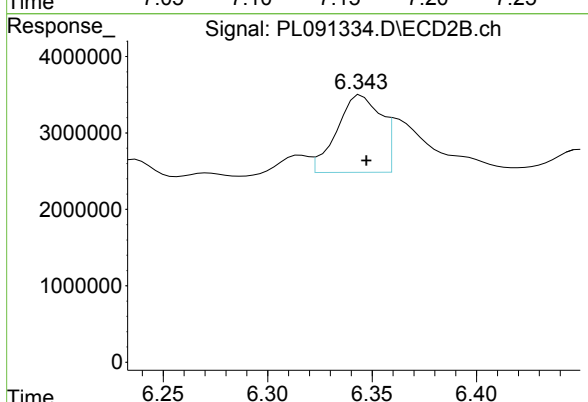
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 7714219
Conc: 4.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

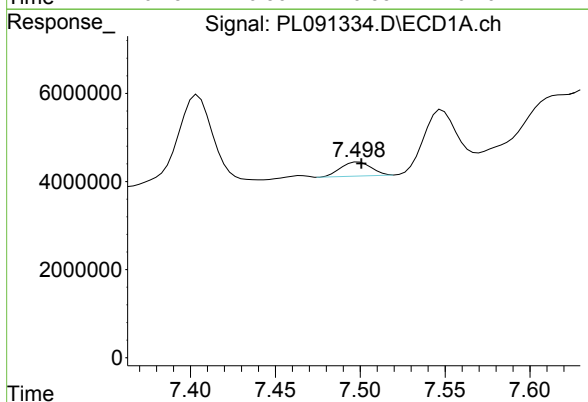
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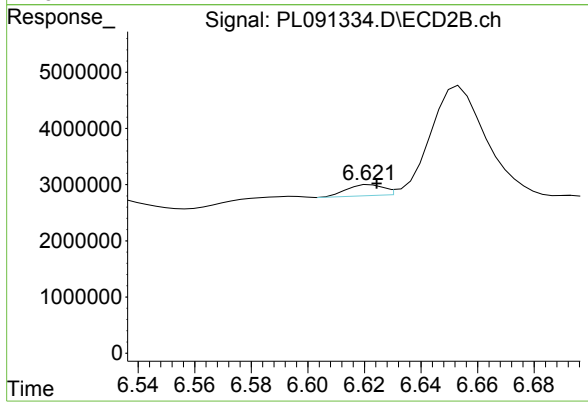
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.004 min
Response: 14041875
Conc: 7.28 ng/ml m



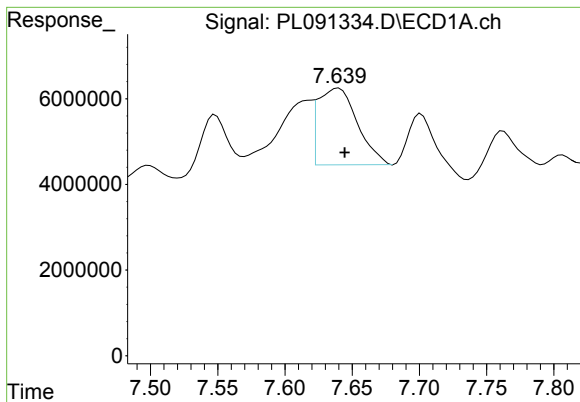
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 4014824
Conc: 4.27 ng/ml m



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 1970967
Conc: 1.98 ng/ml m



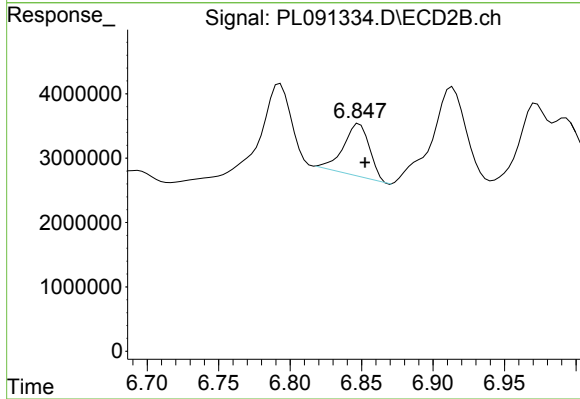
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 35133613
Conc: 16.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

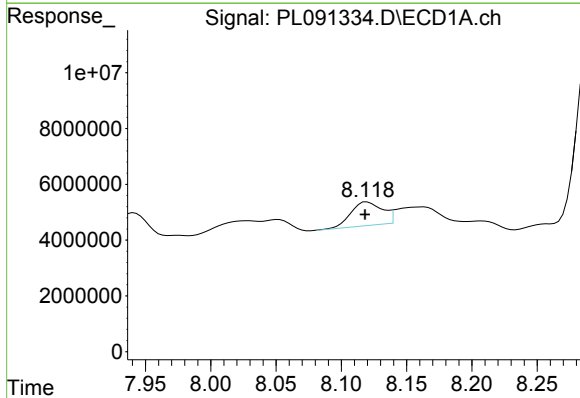
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



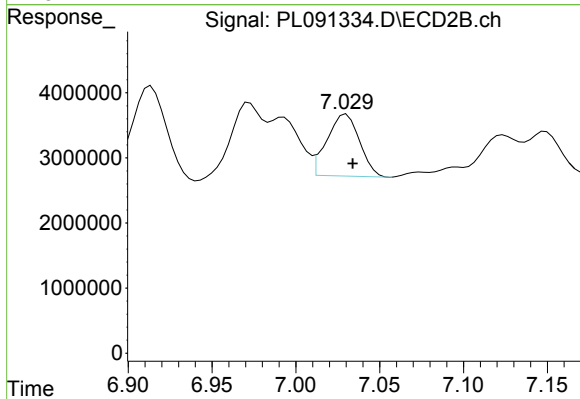
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.004 min
Response: 10419659
Conc: 4.78 ng/ml



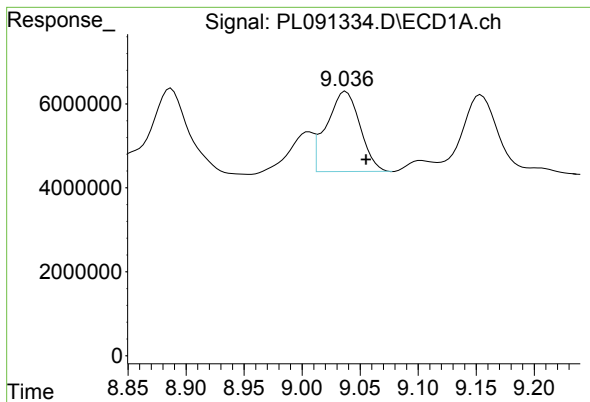
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.002 min
Response: 14243459
Conc: 8.37 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.004 min
Response: 12857439
Conc: 6.89 ng/ml



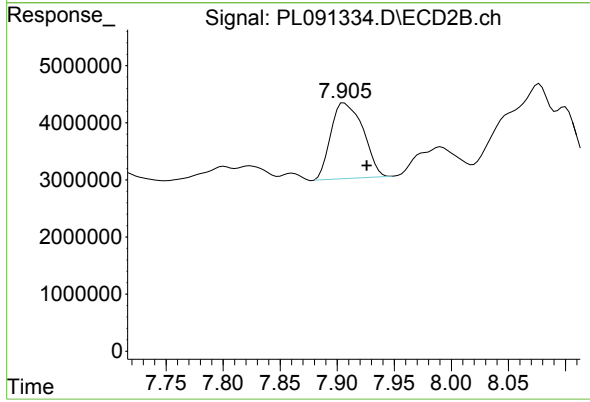
#28 Decachlorobiphenyl

R.T.: 9.036 min
Delta R.T.: -0.019 min
Response: 37496888
Conc: 24.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-SOIL-PILE

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.020 min
Response: 25944009
Conc: 13.70 ng/ml