

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101524\
 Data File : PL092374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 15:05
 Operator : AR\AJ
 Sample : P4368-09
 Misc : PEST MDL 1PPB WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:36:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.548	2.780	43142820	45847006	19.393	18.280
28)	SA Decachlor...	9.068	7.923	36138120	51225279	22.059	20.474
Target Compounds							
2)	A alpha-BHC	4.004	3.283	3337857	3234264	1.078	0.888
3)	MA gamma-BHC...	4.337	3.614	3925384	3221323	1.267	0.912 #
4)	MA Heptachlor	4.924	3.953	3429816	4027159	1.240m	1.167
5)	MB Aldrin	5.266	4.233	3116448	3209479	1.122m	0.944
6)	B beta-BHC	4.534	3.913	1531384	1478422	1.155	0.984m
7)	B delta-BHC	4.781	4.143	4689760	3177073	1.626	0.915 #
8)	B Heptachlo...	5.692	4.736	3950063	2692396	1.552m	0.891 #
9)	A Endosulfan I	6.078	5.106	2995839	2994507	1.295	1.091
10)	B gamma-Chl...	5.948	4.986	2938328	3359256	1.189m	1.117
11)	B alpha-Chl...	6.028	5.050	3701307	3207550	1.503	1.071 #
12)	B 4,4'-DDE	6.202	5.238	2589091	2995419	1.196	1.078m
13)	MA Dieldrin	6.354	5.371	3078257	2751857	1.262	0.939 #
14)	MA Endrin	6.583	5.647	2207055	3474843	1.071	1.325
15)	B Endosulfa...	6.803	5.940	4573576	2558460	2.079m	1.022m#
16)	A 4,4'-DDD	6.718	5.794	2508834	2152537	1.397m	1.008 #
17)	MA 4,4'-DDT	7.032	6.045	2474542	2204696	1.344m	0.953 #
18)	B Endrin al...	6.932	6.121	2241439	1902249	1.286m	0.932 #
19)	B Endosulfa...	7.167	6.344	2718117	2607127	1.371m	1.081
20)	A Methoxychlor	7.507	6.621	1144399	1296498	1.166m	1.037
21)	B Endrin ke...	7.652	6.850	2924149	2592980	1.331m	0.936 #
22)	Mirex	8.127	7.032	2403091	3411263	1.334	1.402

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101524\
Data File : PL092374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 15:05
Operator : AR\AJ
Sample : P4368-09
Misc : PEST MDL 1PPB WATER
ALS Vial : 9 Sample Multiplier: 1

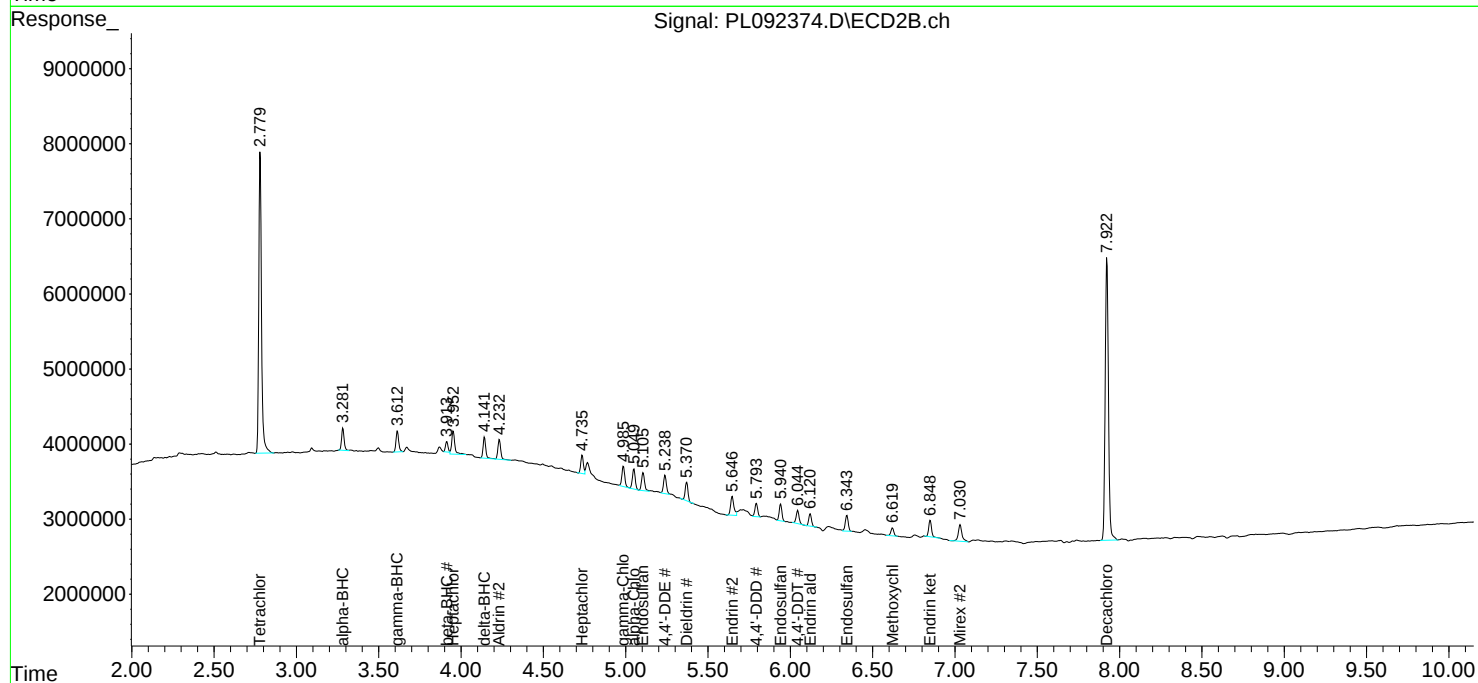
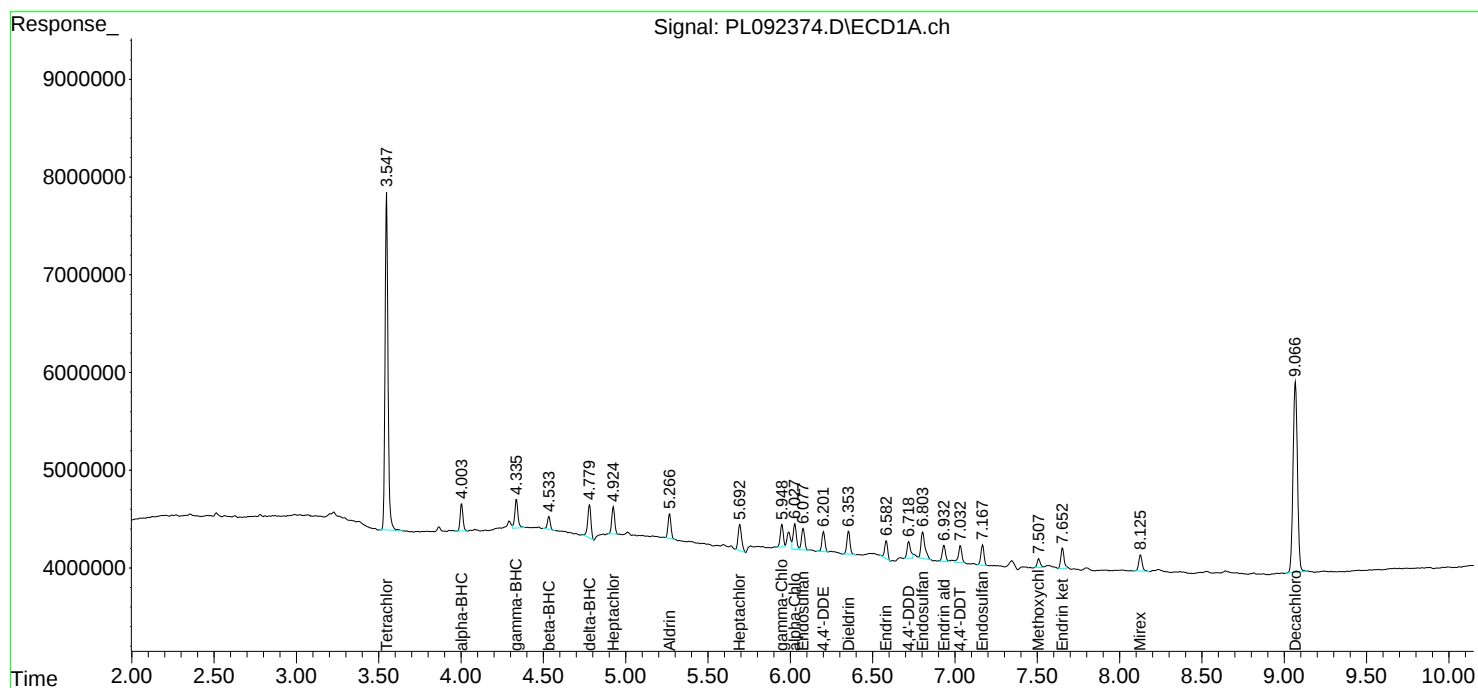
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

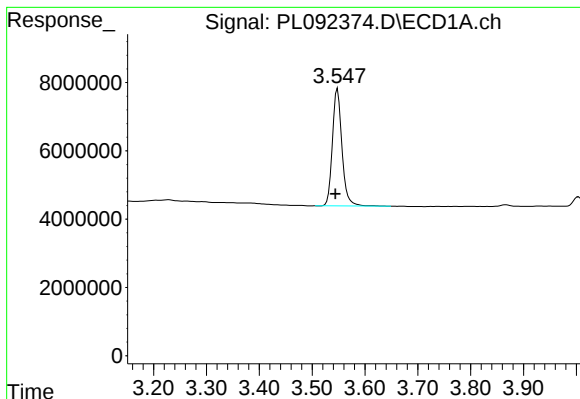
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 03:36:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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Volume Inj. : 1 µl
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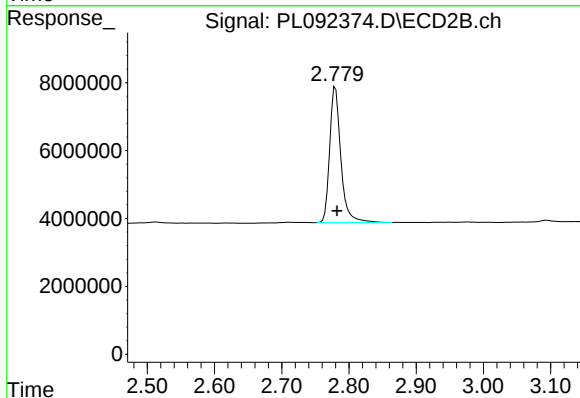
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.004 min
Response: 43142820
Conc: 19.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

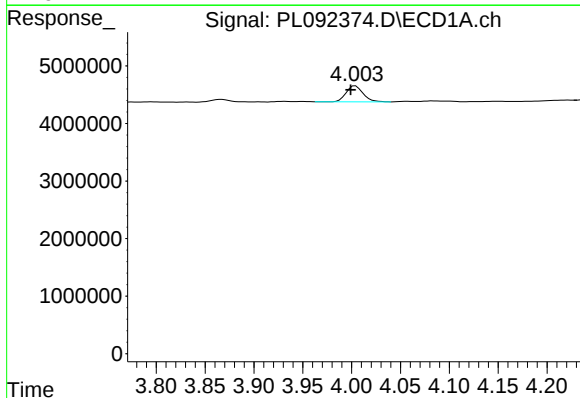
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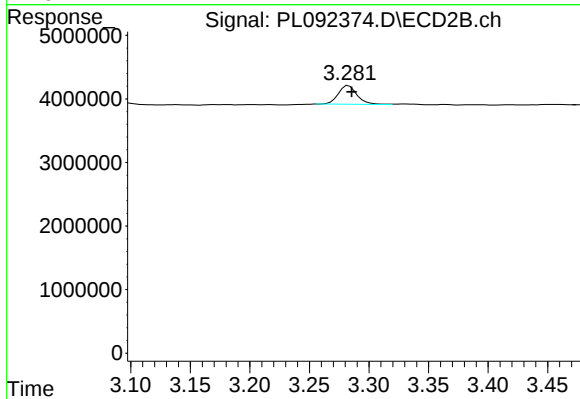
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 45847006
Conc: 18.28 ng/ml



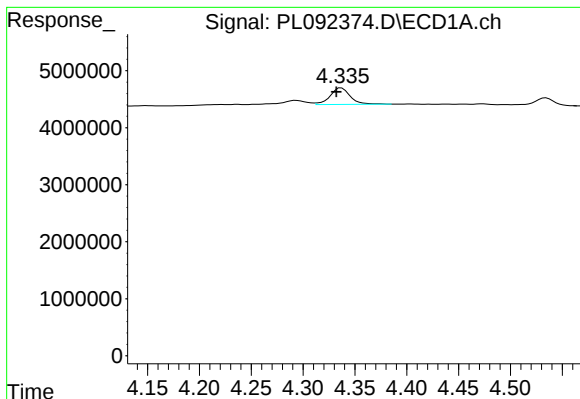
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.005 min
Response: 3337857
Conc: 1.08 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 3234264
Conc: 0.89 ng/ml



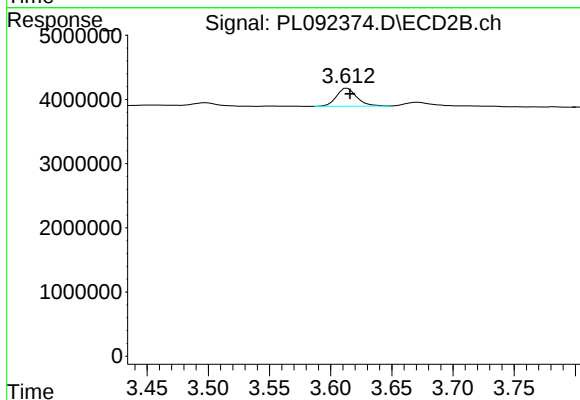
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.005 min
Response: 3925384
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

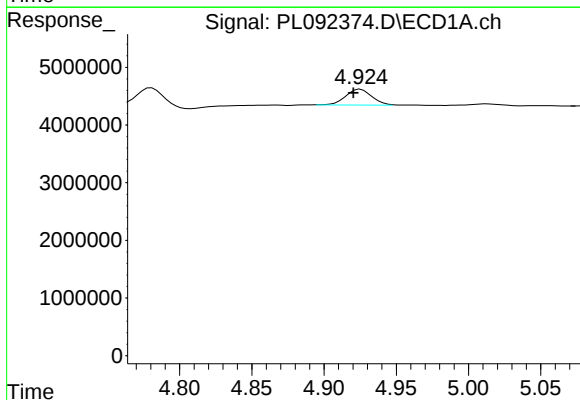
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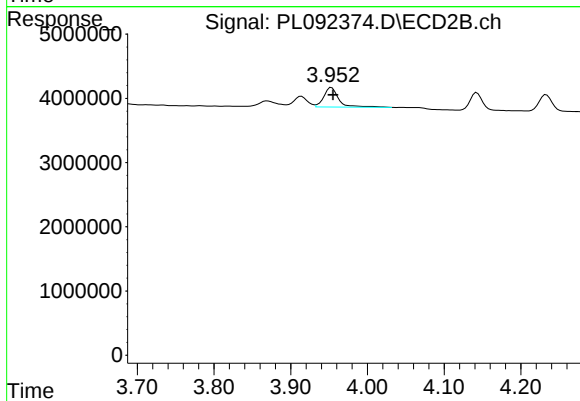
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 3221323
Conc: 0.91 ng/ml



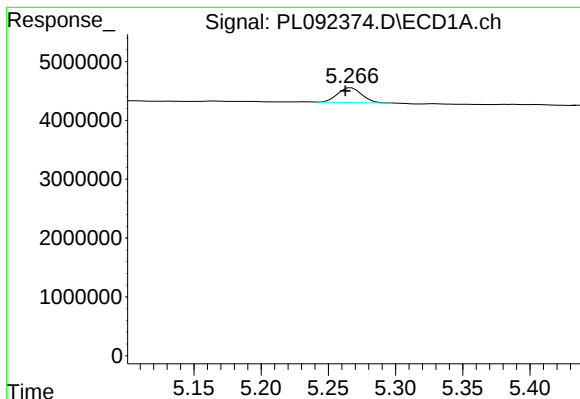
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 3429816
Conc: 1.24 ng/ml m



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 4027159
Conc: 1.17 ng/ml



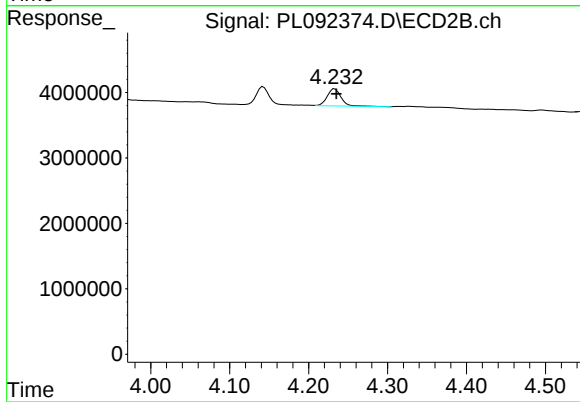
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.003 min
Response: 3116448
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

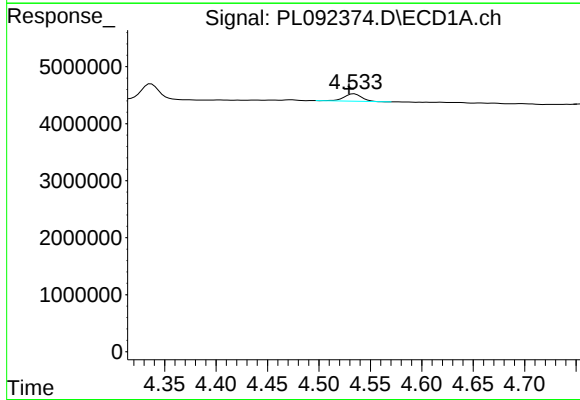
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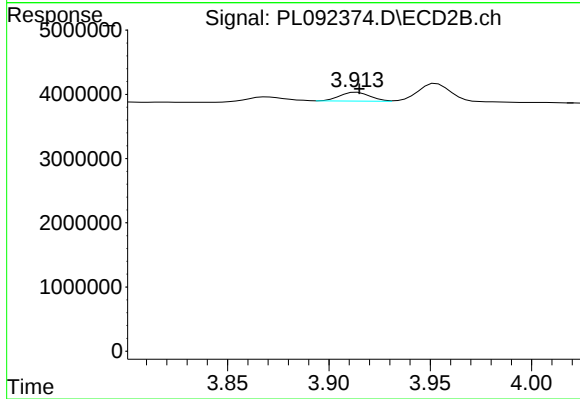
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.002 min
Response: 3209479
Conc: 0.94 ng/ml



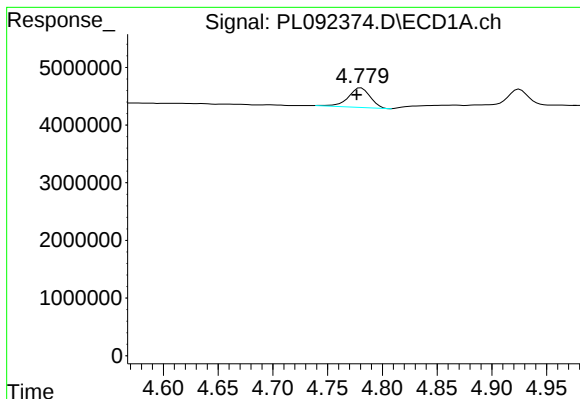
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.005 min
Response: 1531384
Conc: 1.15 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 1478422
Conc: 0.98 ng/ml m



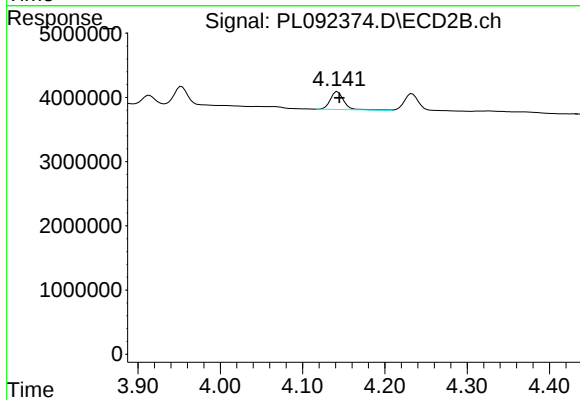
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.004 min
Response: 4689760
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

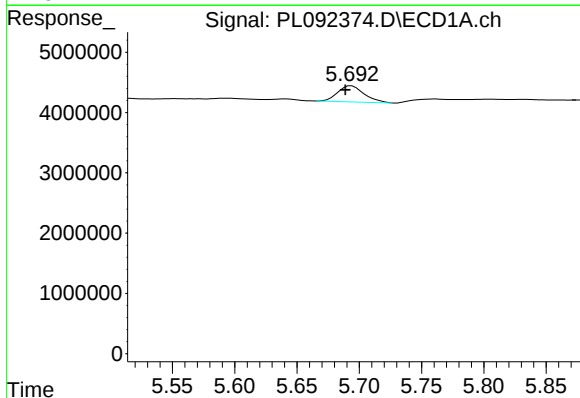
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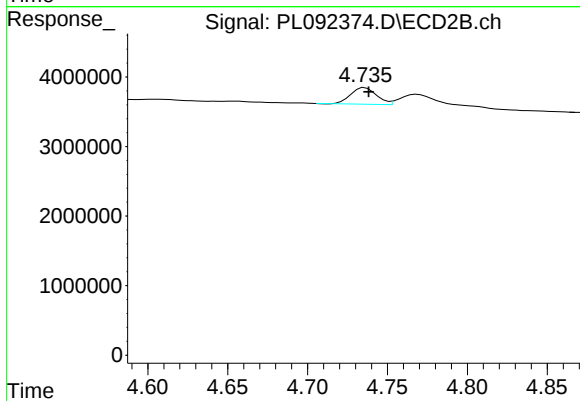
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 3177073
Conc: 0.92 ng/ml



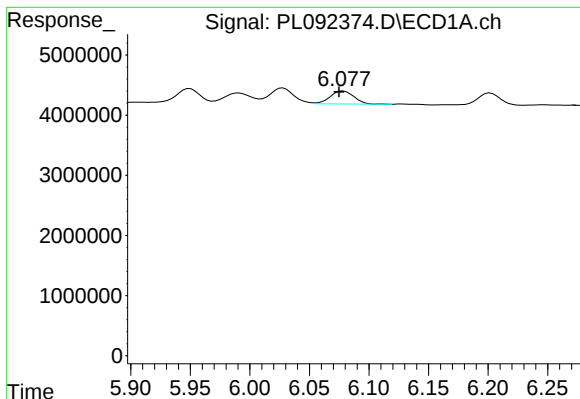
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.003 min
Response: 3950063
Conc: 1.55 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 2692396
Conc: 0.89 ng/ml



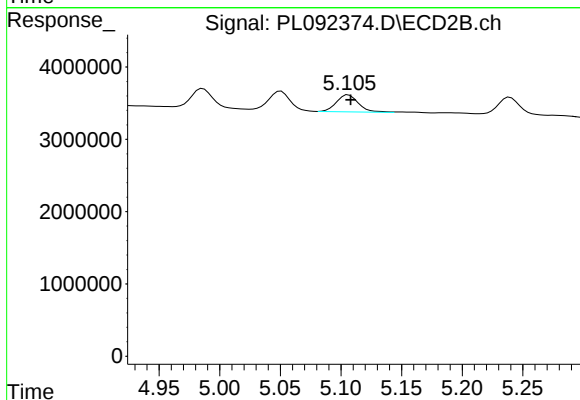
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.004 min
Response: 2995839
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

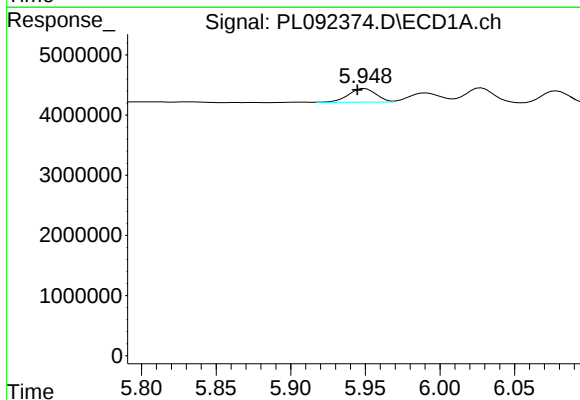
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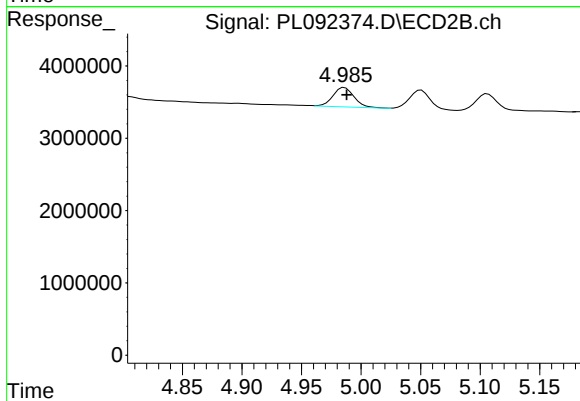
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 2994507
Conc: 1.09 ng/ml



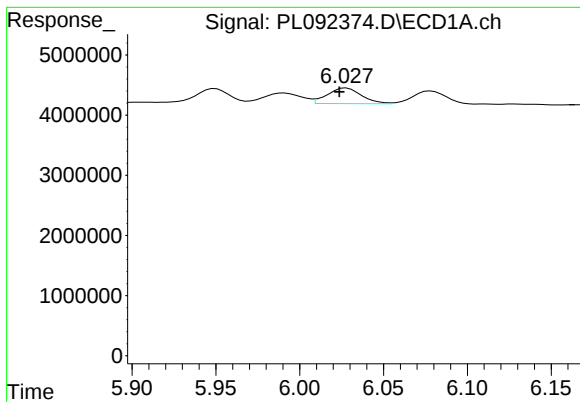
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.004 min
Response: 2938328
Conc: 1.19 ng/ml m



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 3359256
Conc: 1.12 ng/ml



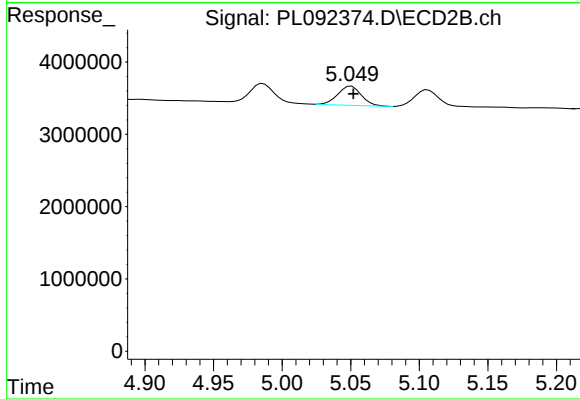
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.004 min
Response: 3701307
Conc: 1.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

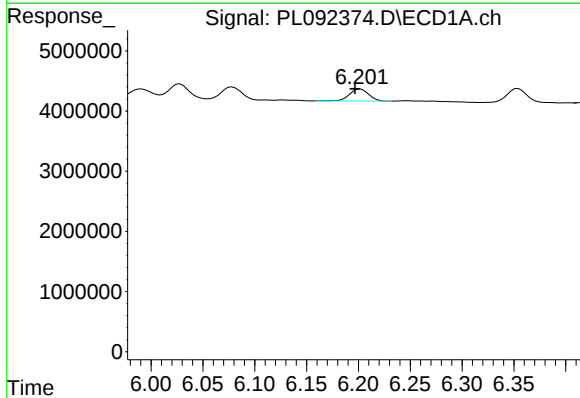
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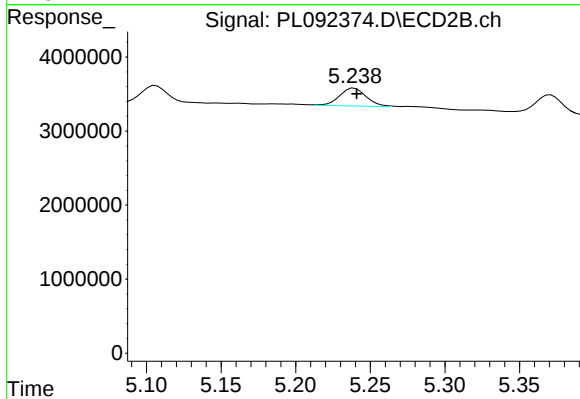
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 3207550
Conc: 1.07 ng/ml



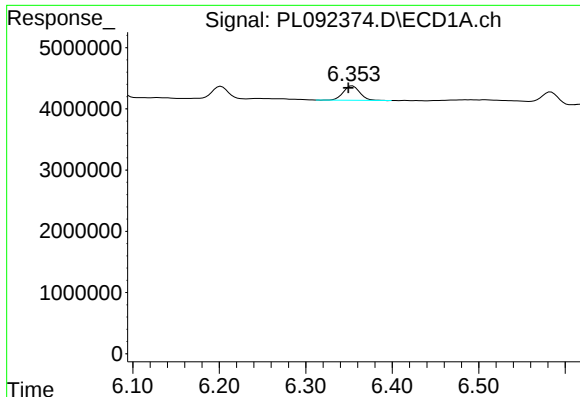
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.005 min
Response: 2589091
Conc: 1.20 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 2995419
Conc: 1.08 ng/ml m



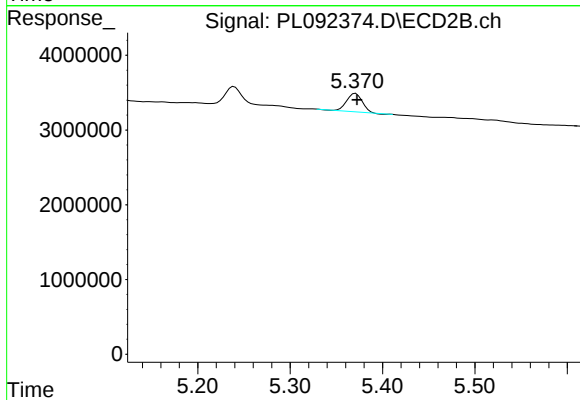
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.005 min
Response: 3078257
Conc: 1.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

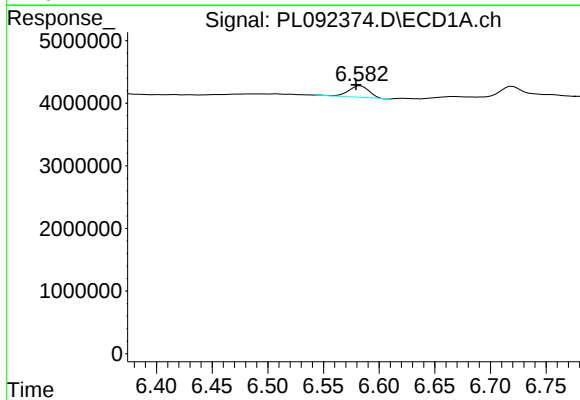
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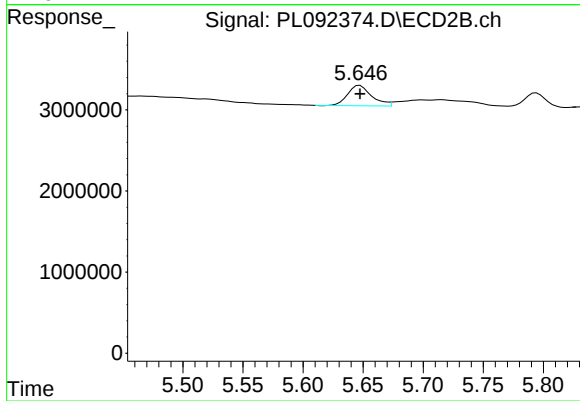
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.001 min
Response: 2751857
Conc: 0.94 ng/ml



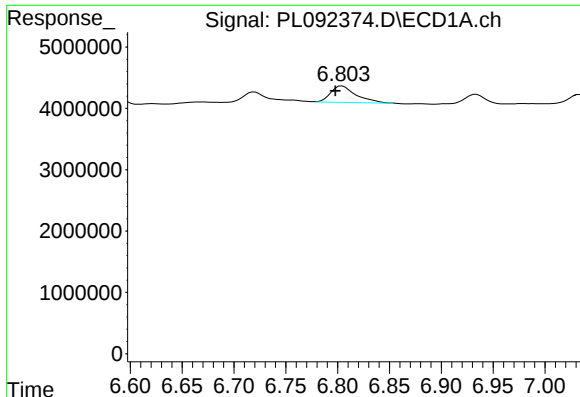
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 2207055
Conc: 1.07 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 3474843
Conc: 1.33 ng/ml



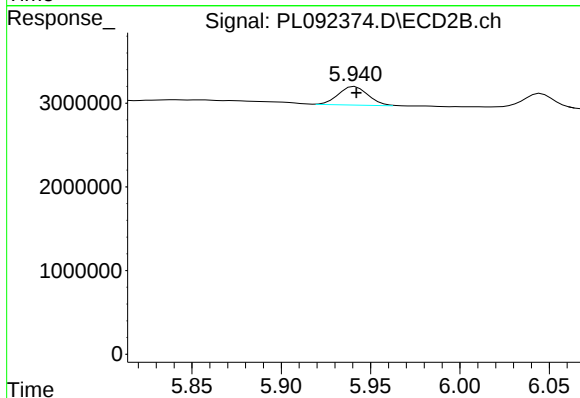
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.005 min
Response: 4573576
Conc: 2.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

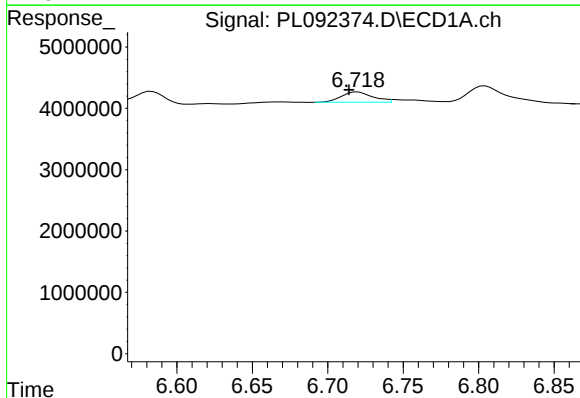
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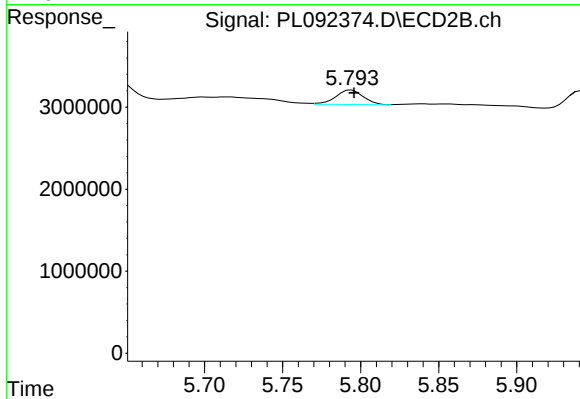
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 2558460
Conc: 1.02 ng/ml m



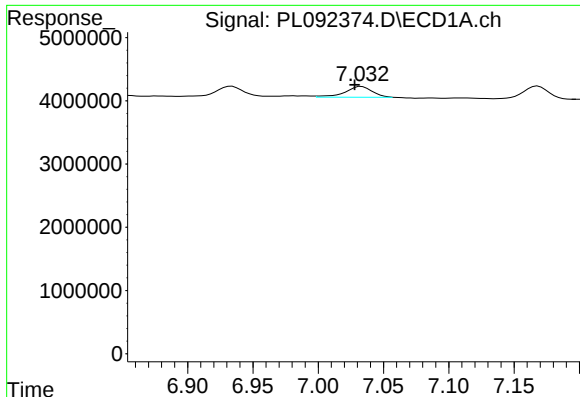
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.004 min
Response: 2508834
Conc: 1.40 ng/ml m



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 2152537
Conc: 1.01 ng/ml



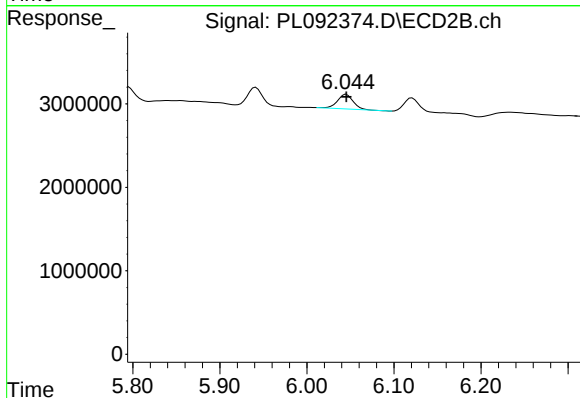
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.004 min
Response: 2474542
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

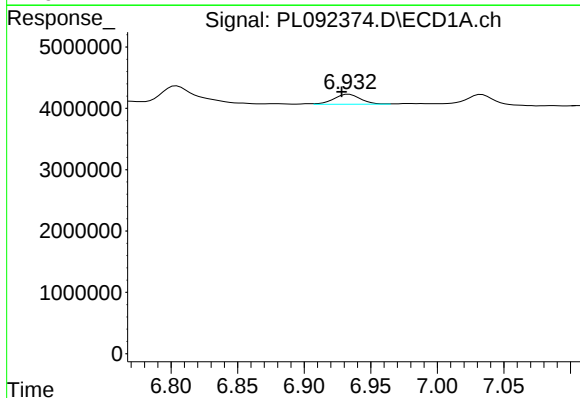
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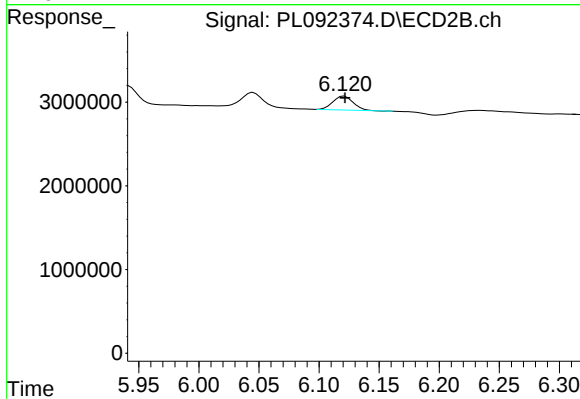
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 2204696
Conc: 0.95 ng/ml



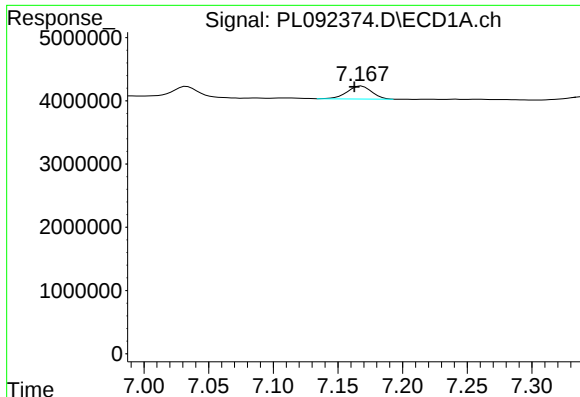
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.004 min
Response: 2241439
Conc: 1.29 ng/ml m



#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 1902249
Conc: 0.93 ng/ml



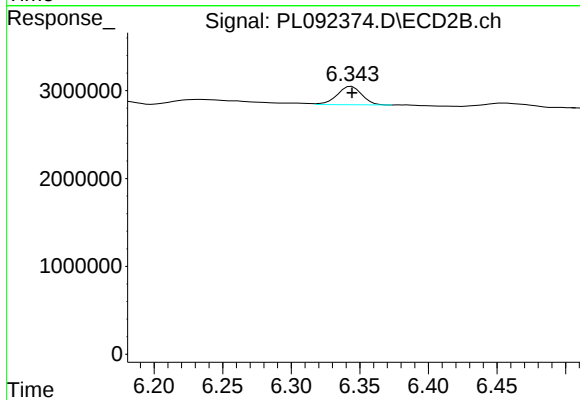
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.004 min
Response: 2718117
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

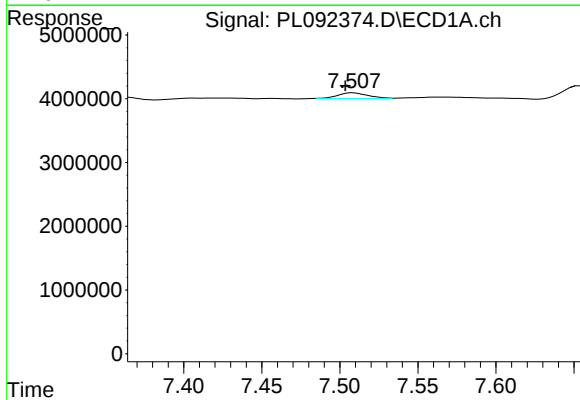
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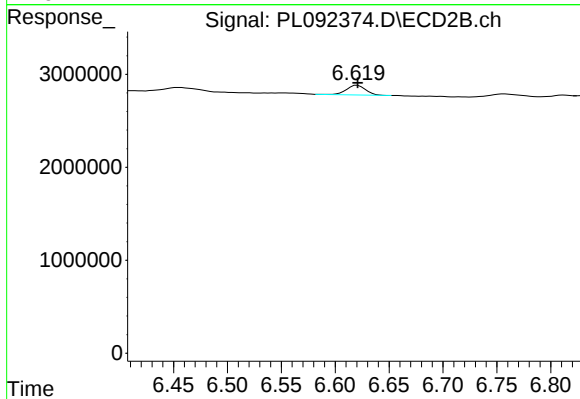
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 2607127
Conc: 1.08 ng/ml



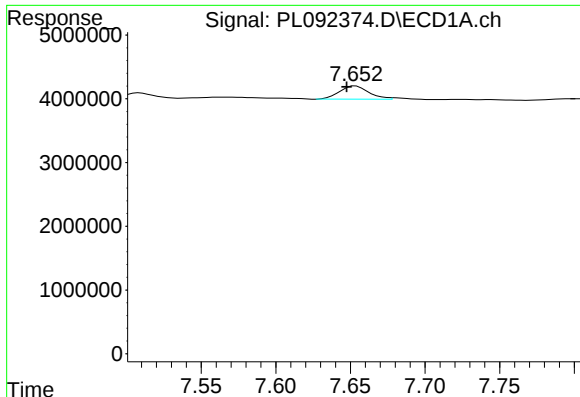
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.004 min
Response: 1144399
Conc: 1.17 ng/ml m



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 1296498
Conc: 1.04 ng/ml



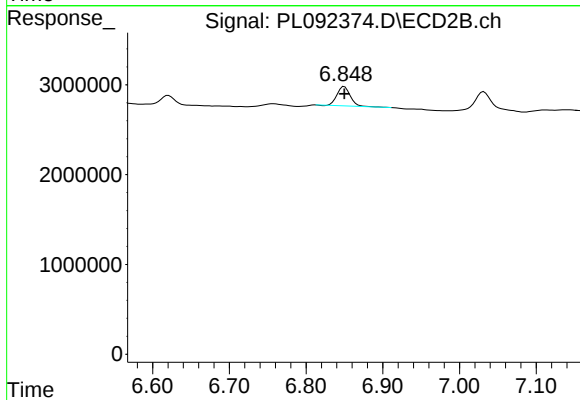
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.004 min
Response: 2924149
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

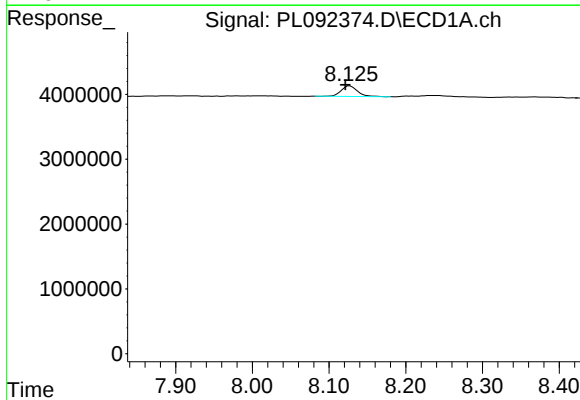
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



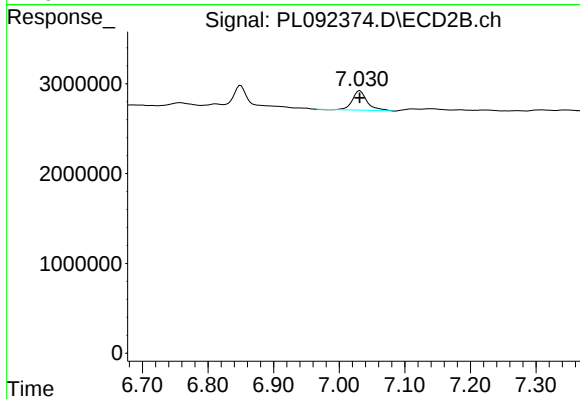
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 2592980
Conc: 0.94 ng/ml



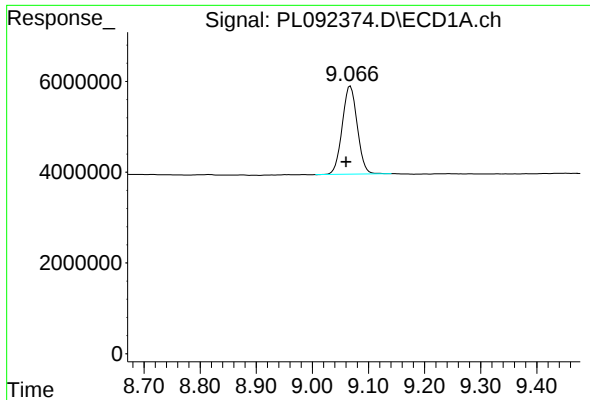
#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.006 min
Response: 2403091
Conc: 1.33 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 3411263
Conc: 1.40 ng/ml



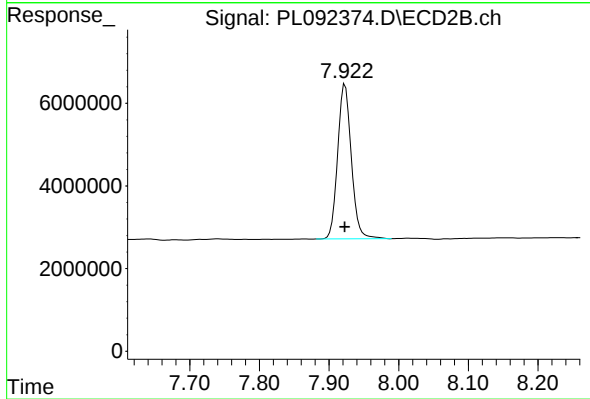
#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.008 min
Response: 36138120
Conc: 22.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2024

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#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 51225279
Conc: 20.47 ng/ml