

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070222\
 Data File : PL076207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2022 08:52
 Operator : AR\AJ
 Sample : N3214-09
 Misc : PEST MDL 1PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/05/2022
 Supervised By :Ankita Jodhani 07/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 00:23:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 2022
 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...	5.660f	4.630	12964521	32308429	17.142	17.035
28)	SA Decachlor...	11.653f	10.369	12911797	29583334	20.519	19.261
Target Compounds							
2)	A alpha-BHC	6.243f	5.330	794721	2071414	0.805	0.847
3)	MA gamma-BHC...	6.641f	5.751	840721	2334425	0.908	1.010
4)	MA Heptachlor	7.296f	6.158	808462	2325894	0.881	1.025
5)	MB Aldrin	7.669f	6.481	697012	1977758	0.840	0.958
6)	B beta-BHC	6.894f	6.130	553907	1340680	1.265m	1.285
7)	B delta-BHC	7.161f	6.390	978078	2520147	1.253	1.116
8)	B Heptachlo...	8.139f	7.055	2028710	2170473	2.548m	1.131 #
9)	A Endosulfan I	8.546f	7.455	769035	2049193	1.064	1.167m
10)	B gamma-Chl...	8.408f	7.330	1007294	2080134	1.296	1.082m
11)	B alpha-Chl...	8.490f	7.398	837868	2033232	1.079	1.062m
12)	B 4,4'-DDE	8.675f	7.611	525601	1695120	0.778	0.999m#
13)	MA Dieldrin	8.835f	7.740	709789	2358693	0.967m	1.311m#
14)	MA Endrin	9.075f	8.033	391629	1182519	0.628m	0.778
15)	B Endosulfa...	9.312f	8.341	947470	1811130	1.493m	1.198m
16)	A 4,4'-DDD	9.215f	8.196	485164	1186945	0.856m	0.856
17)	MA 4,4'-DDT	9.537f	8.456	729471	1470646	1.195	0.994
18)	B Endrin al...	9.446f	8.530	588280	1322194	1.139	1.108
19)	B Endosulfa...	9.683f	8.760	768706	1868604	1.199m	1.218
20)	A Methoxychlor	10.021f	9.048	412504	870722	1.203m	1.022
21)	B Endrin ke...	10.201f	9.274	3186094	5041151	4.420m	3.051m#
22)	Mirex	10.657f	9.463	657412	1470323	1.222m	1.099

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070222\
Data File : PL076207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2022 08:52
Operator : AR\AJ
Sample : N3214-09
Misc : PEST MDL 1PPB
ALS Vial : 10 Sample Multiplier: 1

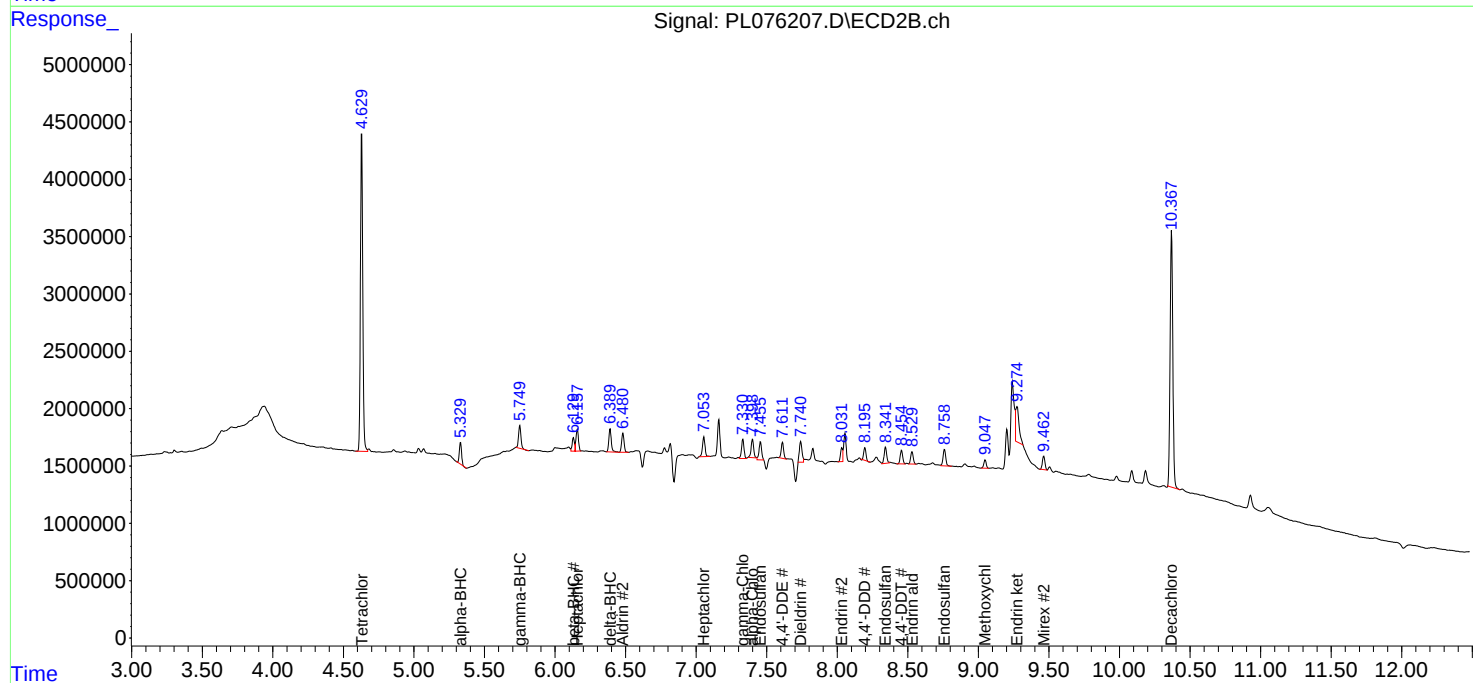
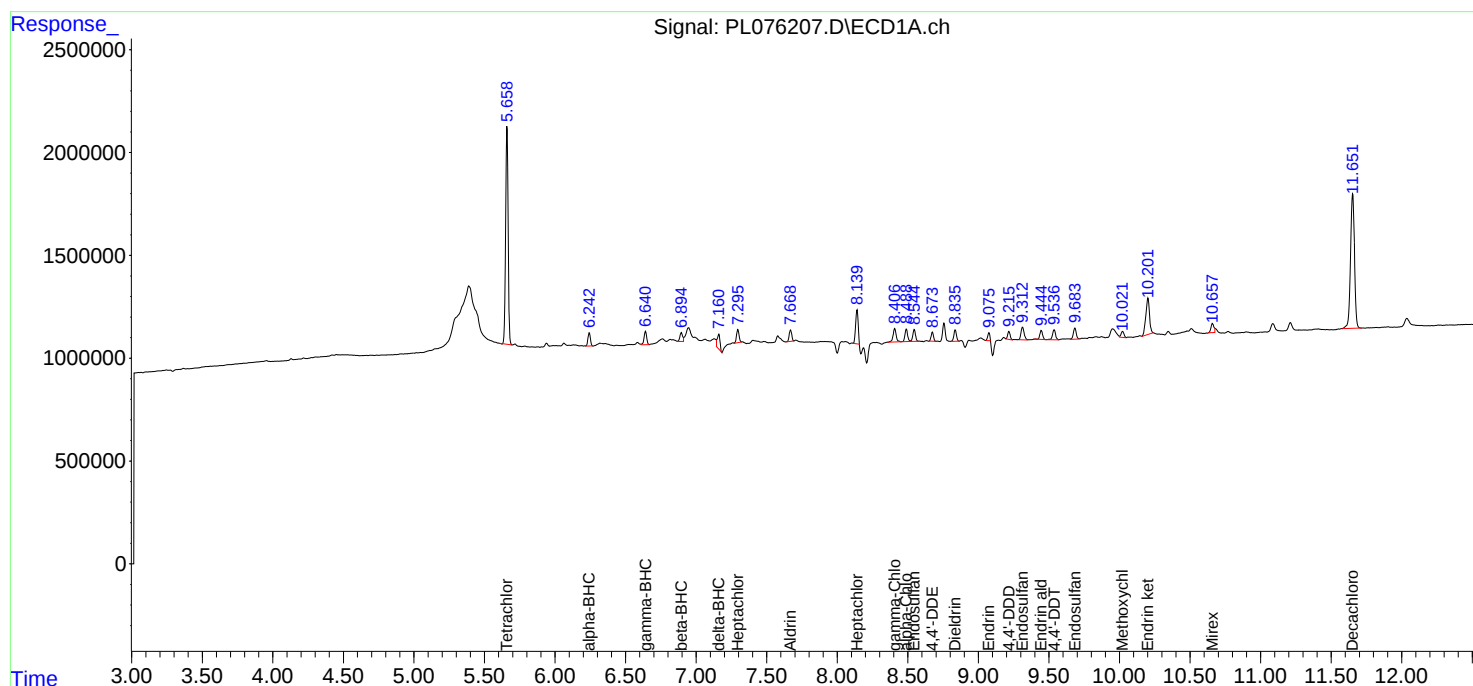
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

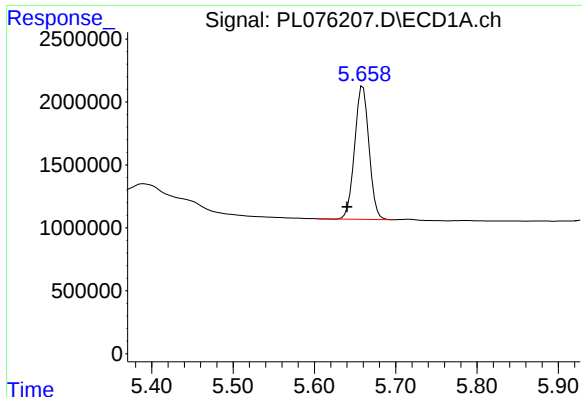
Manual Integrations
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Supervised By : Ankita Jodhani 07/05/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 00:23:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
Quant Title : GC Extractables
QLast Update : Fri Jun 24 02:17:51 2022
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





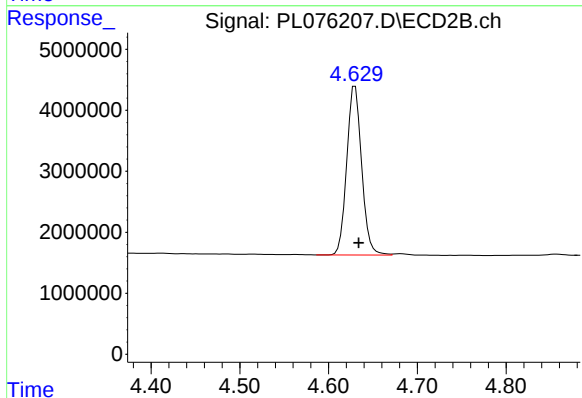
#1 Tetrachloro-m-xylene

R.T.: 5.660 min
Delta R.T.: 0.020 min
Response: 12964521
Conc: 17.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

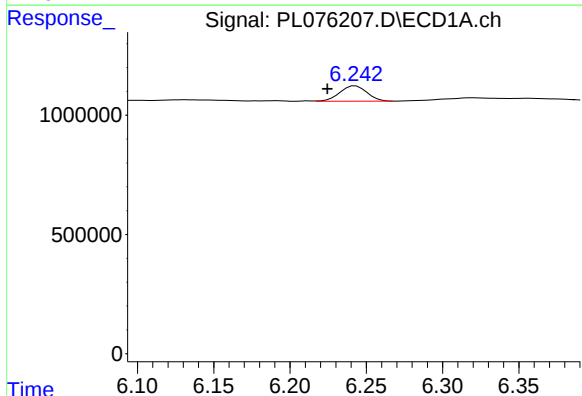
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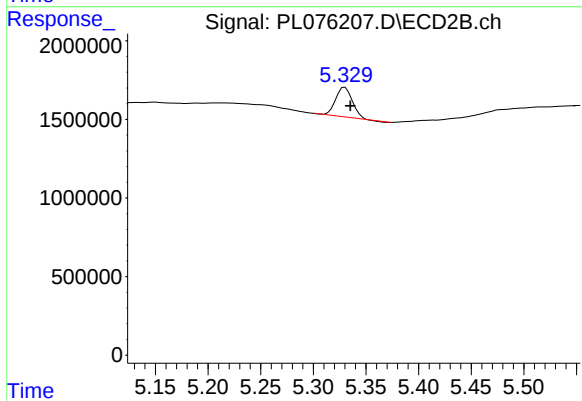
#1 Tetrachloro-m-xylene

R.T.: 4.630 min
Delta R.T.: -0.004 min
Response: 32308429
Conc: 17.03 ng/ml



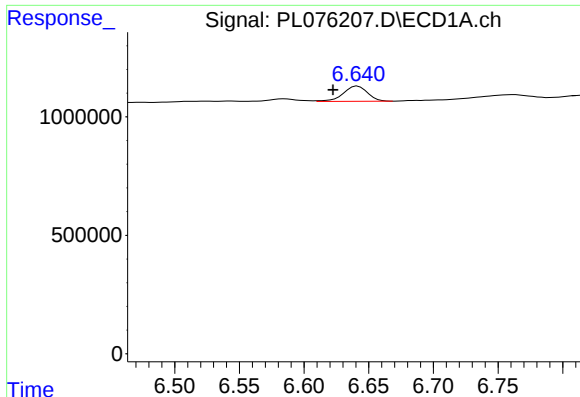
#2 alpha-BHC

R.T.: 6.243 min
Delta R.T.: 0.018 min
Response: 794721
Conc: 0.80 ng/ml



#2 alpha-BHC

R.T.: 5.330 min
Delta R.T.: -0.005 min
Response: 2071414
Conc: 0.85 ng/ml



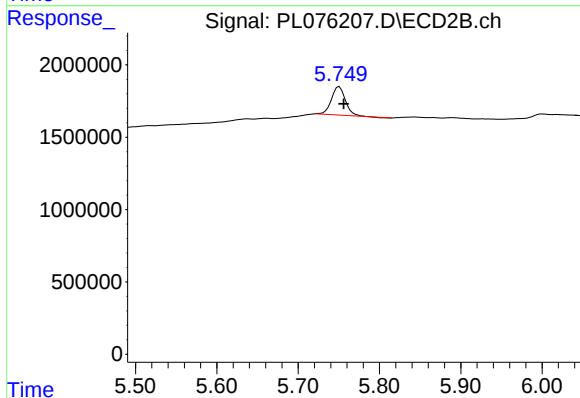
#3 gamma-BHC (Lindane)

R.T.: 6.641 min
Delta R.T.: 0.019 min
Response: 840721
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

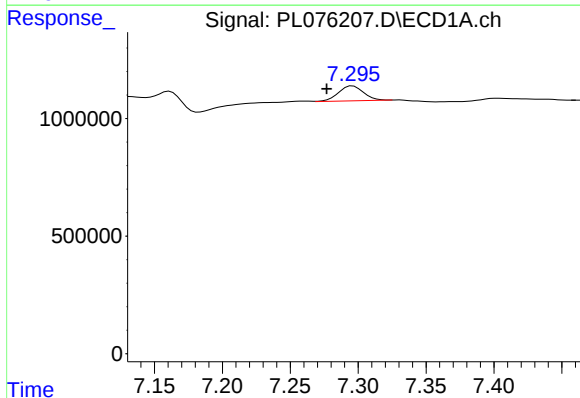
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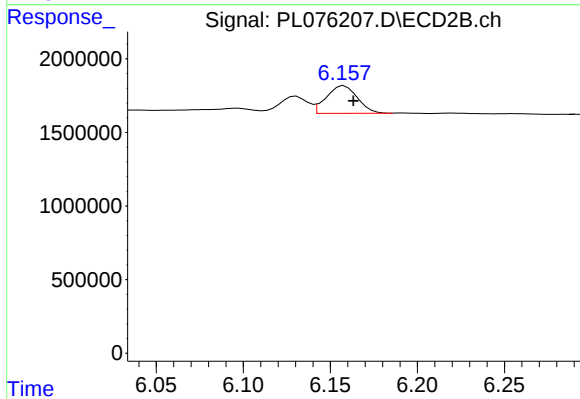
#3 gamma-BHC (Lindane)

R.T.: 5.751 min
Delta R.T.: -0.005 min
Response: 2334425
Conc: 1.01 ng/ml



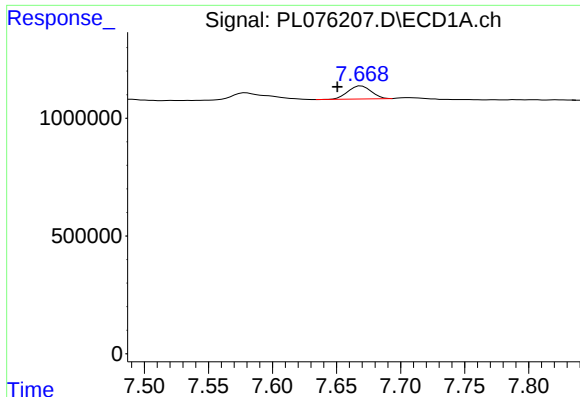
#4 Heptachlor

R.T.: 7.296 min
Delta R.T.: 0.019 min
Response: 808462
Conc: 0.88 ng/ml



#4 Heptachlor

R.T.: 6.158 min
Delta R.T.: -0.005 min
Response: 2325894
Conc: 1.03 ng/ml



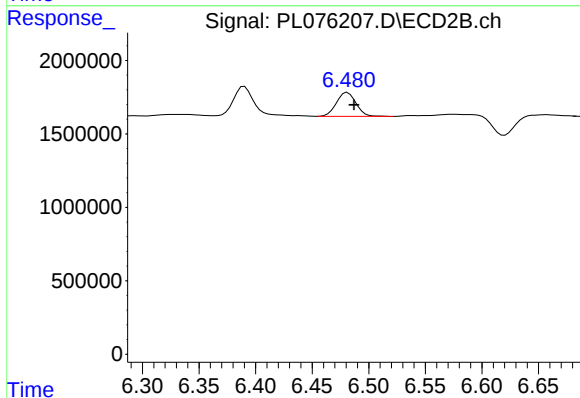
#5 Aldrin

R.T.: 7.669 min
Delta R.T.: 0.018 min
Response: 697012
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

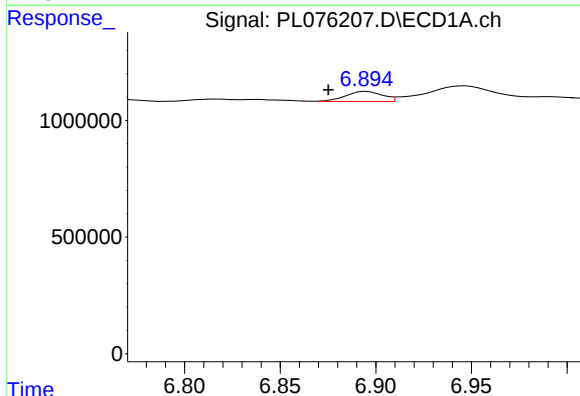
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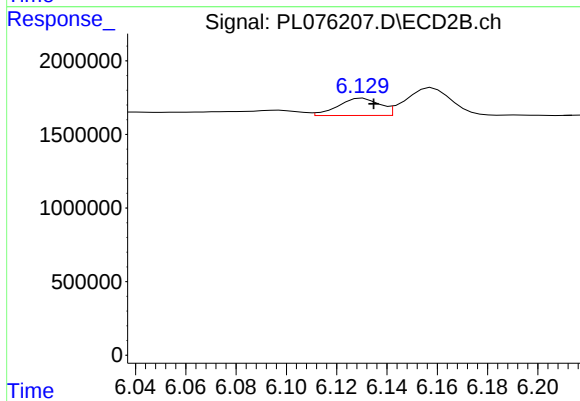
#5 Aldrin

R.T.: 6.481 min
Delta R.T.: -0.006 min
Response: 1977758
Conc: 0.96 ng/ml



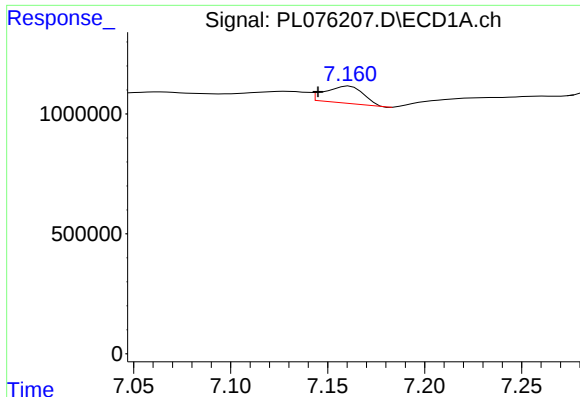
#6 beta-BHC

R.T.: 6.894 min
Delta R.T.: 0.019 min
Response: 553907
Conc: 1.26 ng/ml m



#6 beta-BHC

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 1340680
Conc: 1.29 ng/ml



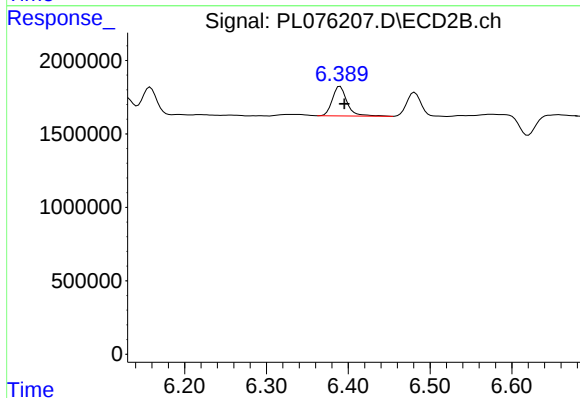
#7 delta-BHC

R.T.: 7.161 min
Delta R.T.: 0.016 min
Response: 978078
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

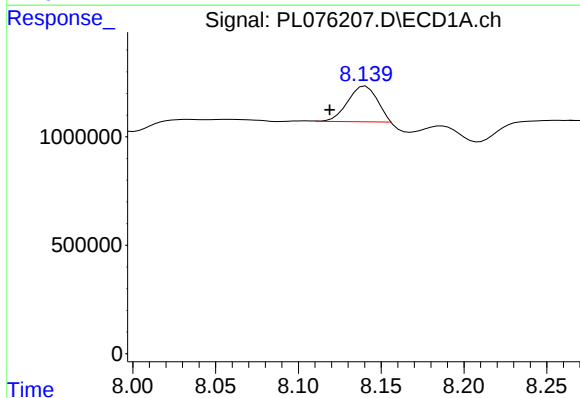
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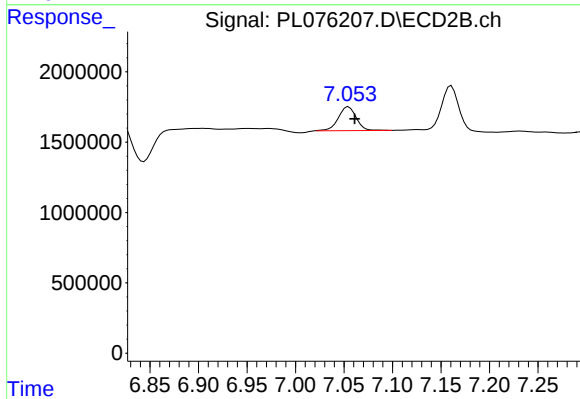
#7 delta-BHC

R.T.: 6.390 min
Delta R.T.: -0.005 min
Response: 2520147
Conc: 1.12 ng/ml



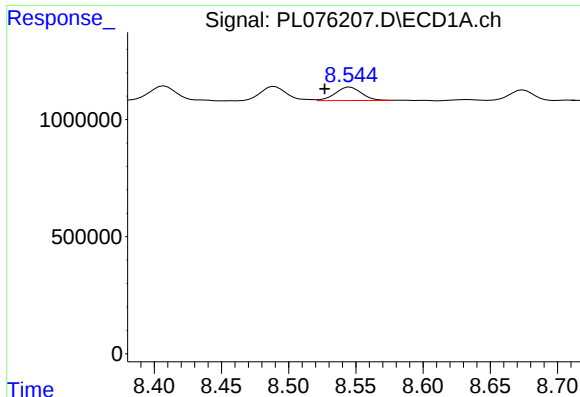
#8 Heptachlor epoxide

R.T.: 8.139 min
Delta R.T.: 0.020 min
Response: 2028710
Conc: 2.55 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.055 min
Delta R.T.: -0.006 min
Response: 2170473
Conc: 1.13 ng/ml



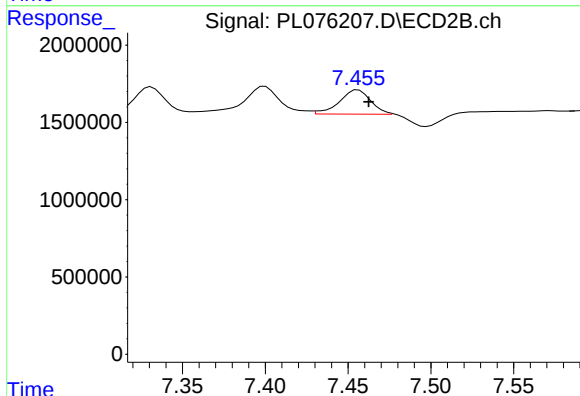
#9 Endosulfan I

R.T.: 8.546 min
Delta R.T.: 0.019 min
Response: 769035
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

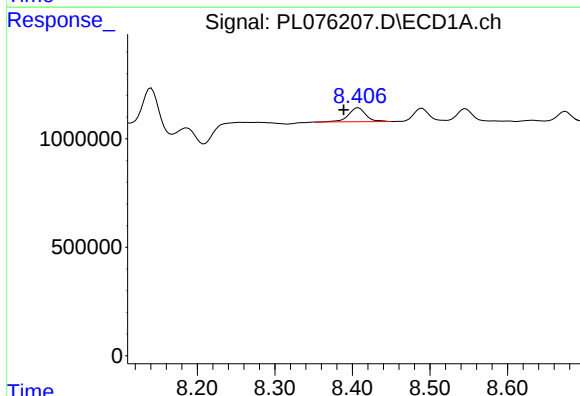
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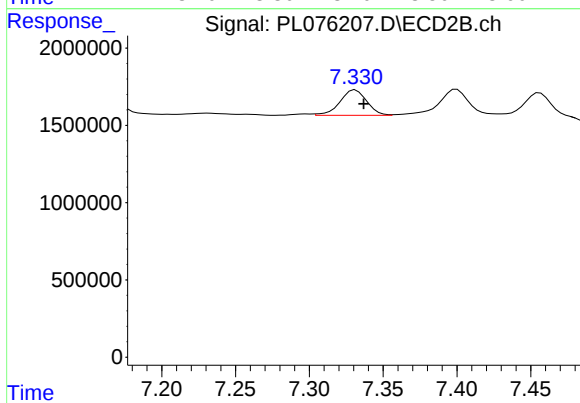
#9 Endosulfan I

R.T.: 7.455 min
Delta R.T.: -0.008 min
Response: 2049193
Conc: 1.17 ng/ml m



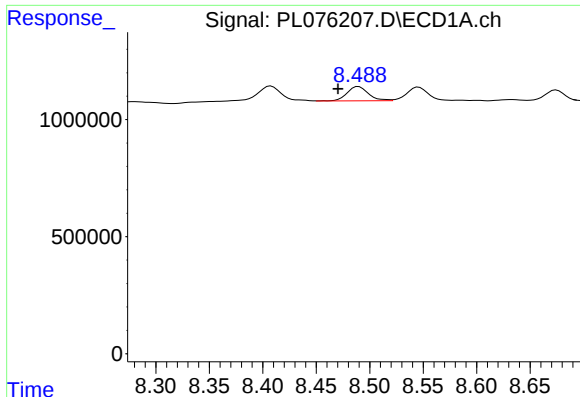
#10 gamma-Chlordane

R.T.: 8.408 min
Delta R.T.: 0.019 min
Response: 1007294
Conc: 1.30 ng/ml



#10 gamma-Chlordane

R.T.: 7.330 min
Delta R.T.: -0.007 min
Response: 2080134
Conc: 1.08 ng/ml m



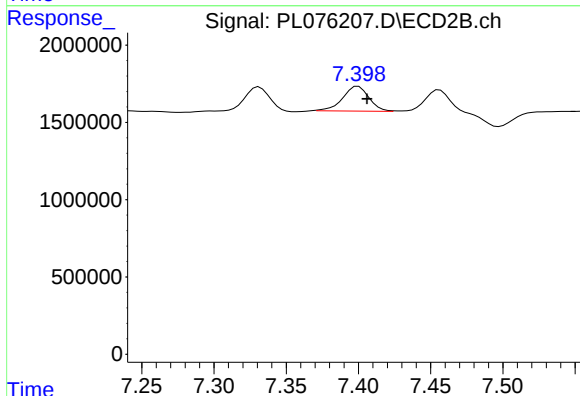
#11 alpha-Chlordane

R.T.: 8.490 min
Delta R.T.: 0.019 min
Response: 837868
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

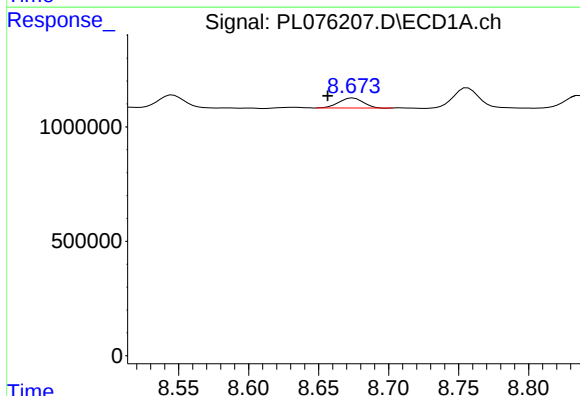
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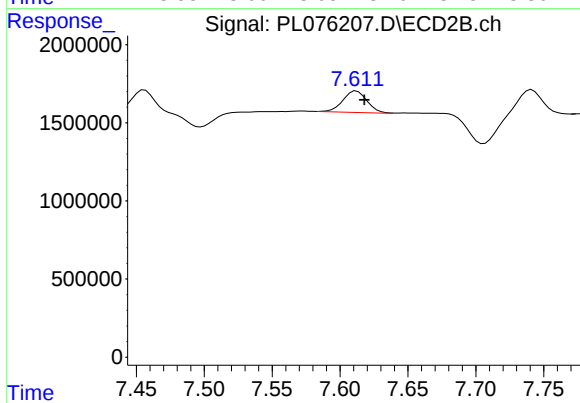
#11 alpha-Chlordane

R.T.: 7.398 min
Delta R.T.: -0.008 min
Response: 2033232
Conc: 1.06 ng/ml m



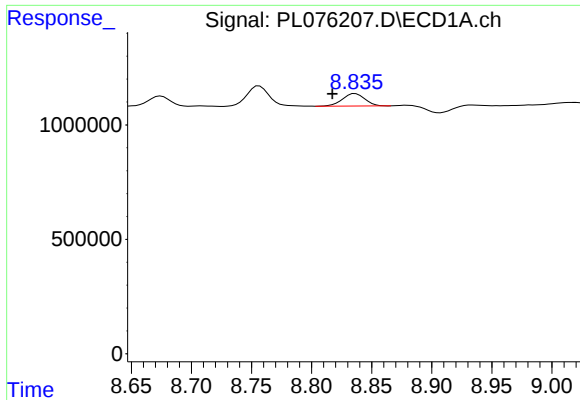
#12 4,4'-DDE

R.T.: 8.675 min
Delta R.T.: 0.018 min
Response: 525601
Conc: 0.78 ng/ml



#12 4,4'-DDE

R.T.: 7.611 min
Delta R.T.: -0.007 min
Response: 1695120
Conc: 1.00 ng/ml m



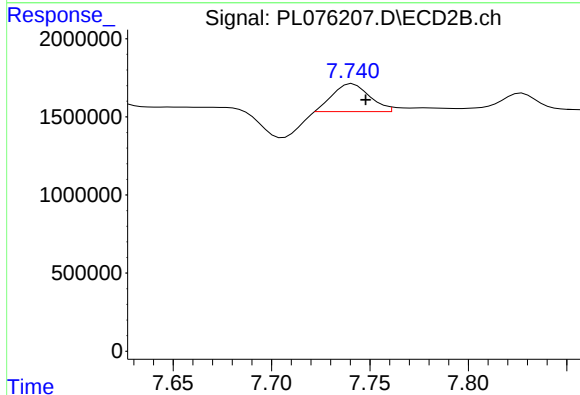
#13 Dieldrin

R.T.: 8.835 min
Delta R.T.: 0.018 min
Response: 709789
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

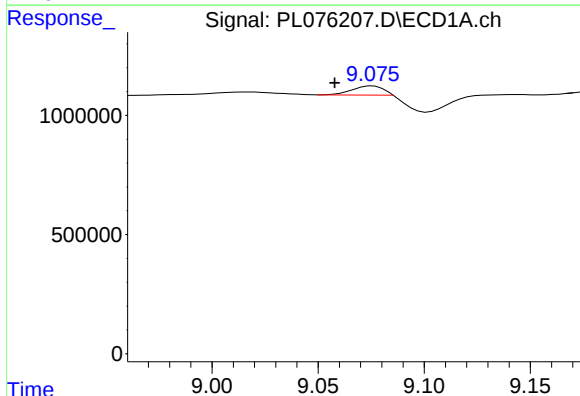
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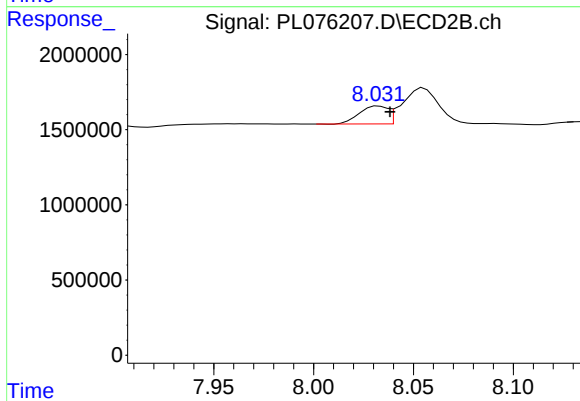
#13 Dieldrin

R.T.: 7.740 min
Delta R.T.: -0.008 min
Response: 2358693
Conc: 1.31 ng/ml m



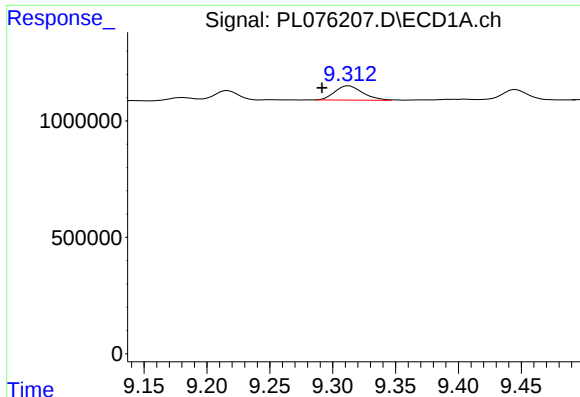
#14 Endrin

R.T.: 9.075 min
Delta R.T.: 0.017 min
Response: 391629
Conc: 0.63 ng/ml m



#14 Endrin

R.T.: 8.033 min
Delta R.T.: -0.006 min
Response: 1182519
Conc: 0.78 ng/ml



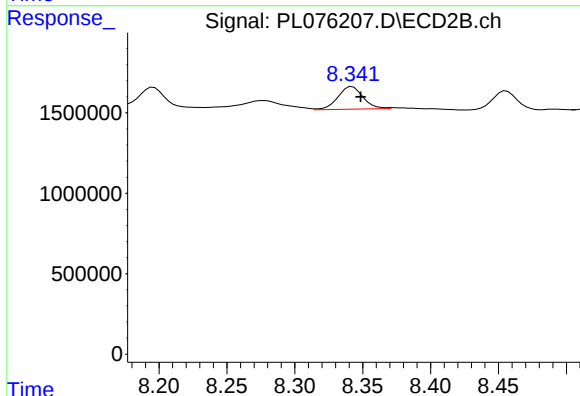
#15 Endosulfan II

R.T.: 9.312 min
Delta R.T.: 0.020 min
Response: 947470
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

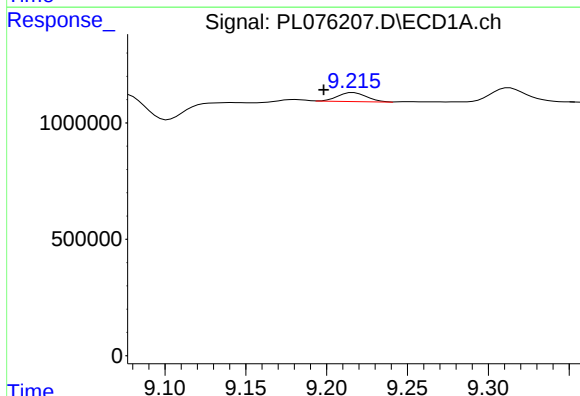
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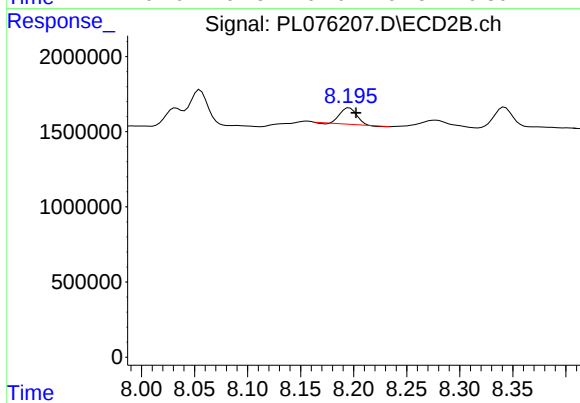
#15 Endosulfan II

R.T.: 8.341 min
Delta R.T.: -0.008 min
Response: 1811130
Conc: 1.20 ng/ml m



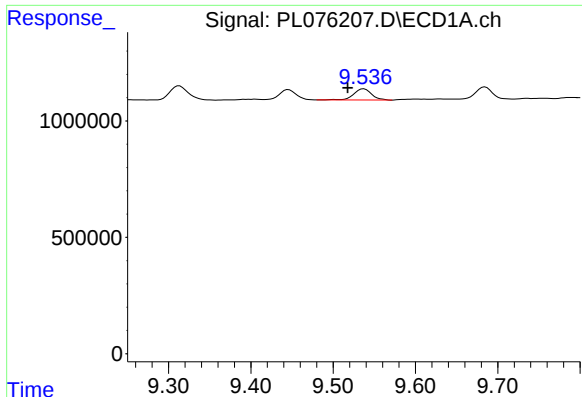
#16 4,4'-DDD

R.T.: 9.215 min
Delta R.T.: 0.017 min
Response: 485164
Conc: 0.86 ng/ml m



#16 4,4'-DDD

R.T.: 8.196 min
Delta R.T.: -0.006 min
Response: 1186945
Conc: 0.86 ng/ml



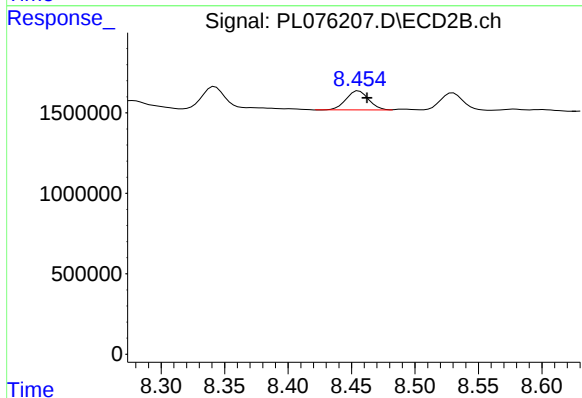
#17 4,4'-DDT

R.T.: 9.537 min
Delta R.T.: 0.019 min
Response: 729471
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

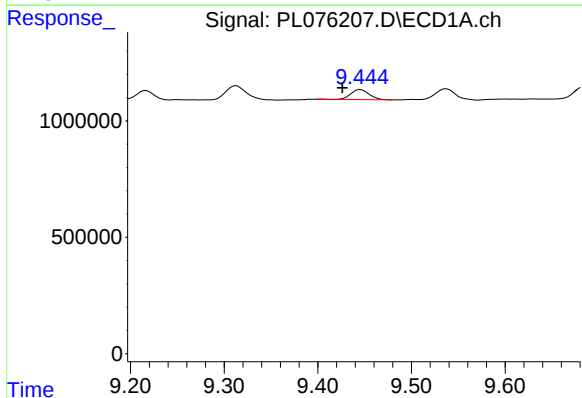
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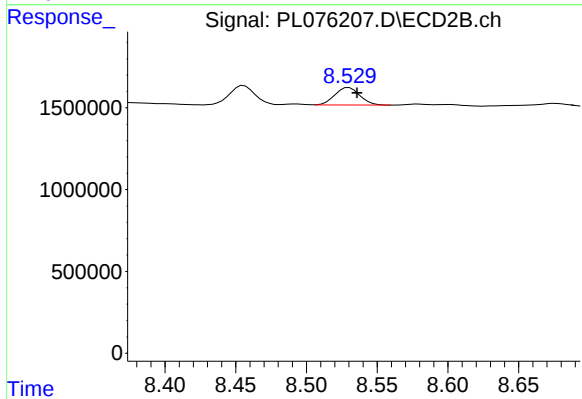
#17 4,4'-DDT

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 1470646
Conc: 0.99 ng/ml



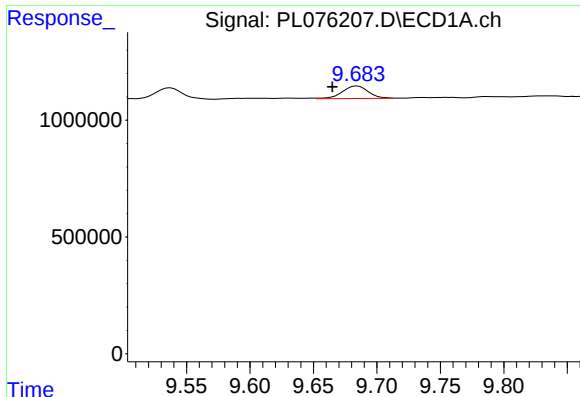
#18 Endrin aldehyde

R.T.: 9.446 min
Delta R.T.: 0.019 min
Response: 588280
Conc: 1.14 ng/ml



#18 Endrin aldehyde

R.T.: 8.530 min
Delta R.T.: -0.006 min
Response: 1322194
Conc: 1.11 ng/ml



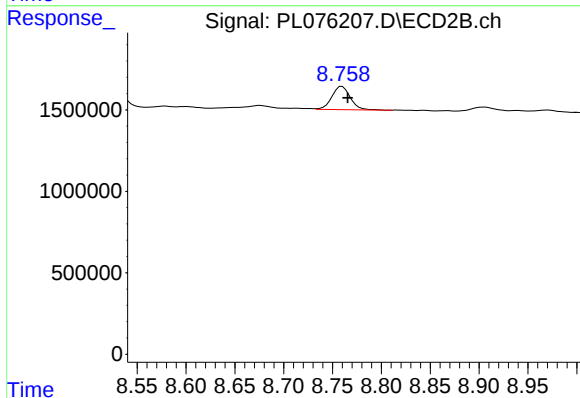
#19 Endosulfan Sulfate

R.T.: 9.683 min
Delta R.T.: 0.018 min
Response: 768706
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

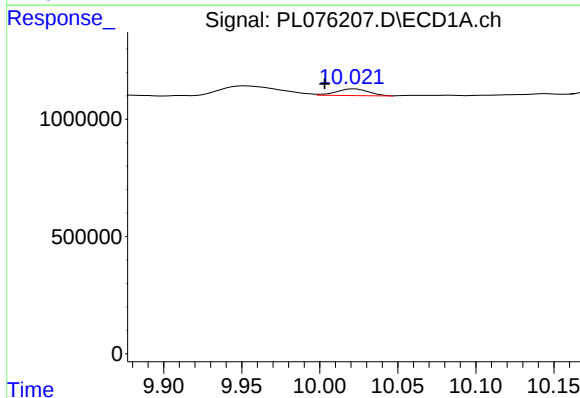
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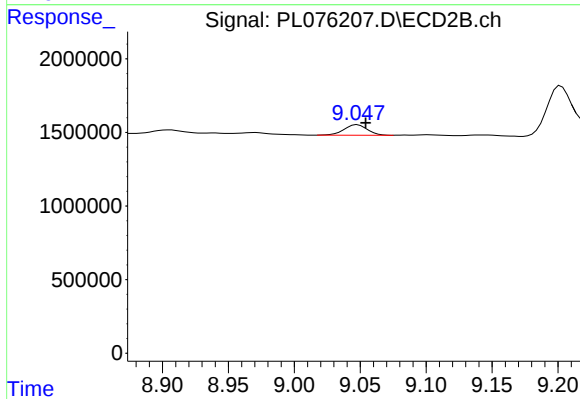
#19 Endosulfan Sulfate

R.T.: 8.760 min
Delta R.T.: -0.006 min
Response: 1868604
Conc: 1.22 ng/ml



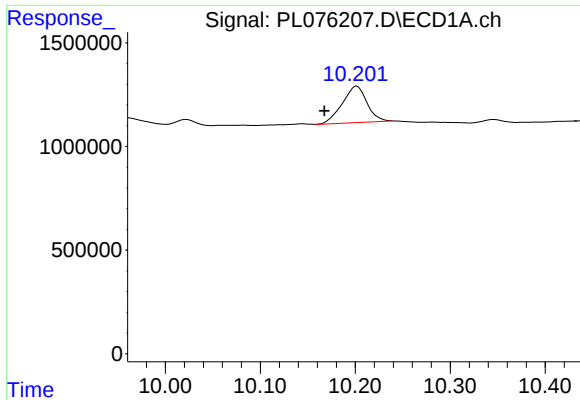
#20 Methoxychlor

R.T.: 10.021 min
Delta R.T.: 0.018 min
Response: 412504
Conc: 1.20 ng/ml m



#20 Methoxychlor

R.T.: 9.048 min
Delta R.T.: -0.006 min
Response: 870722
Conc: 1.02 ng/ml



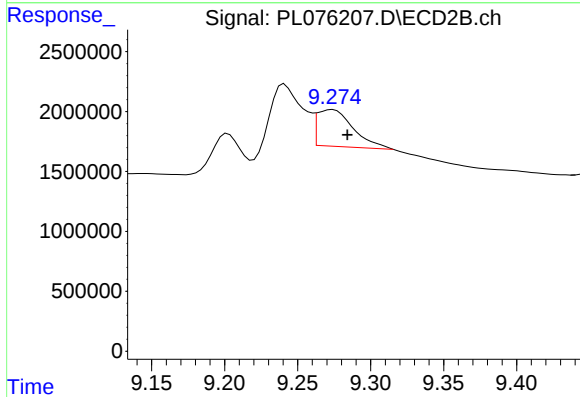
#21 Endrin ketone

R.T.: 10.201 min
Delta R.T.: 0.033 min
Response: 3186094
Conc: 4.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

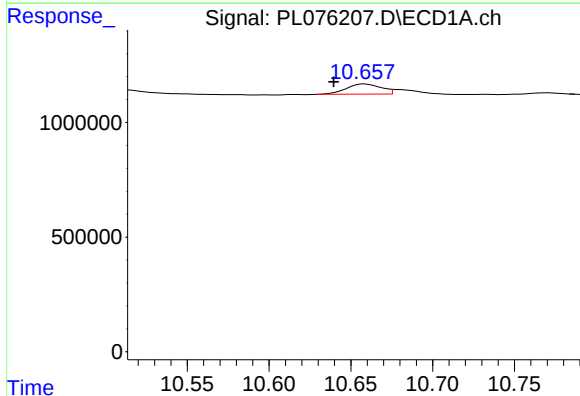
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/05/2022
Supervised By :Ankita Jodhani 07/05/2022



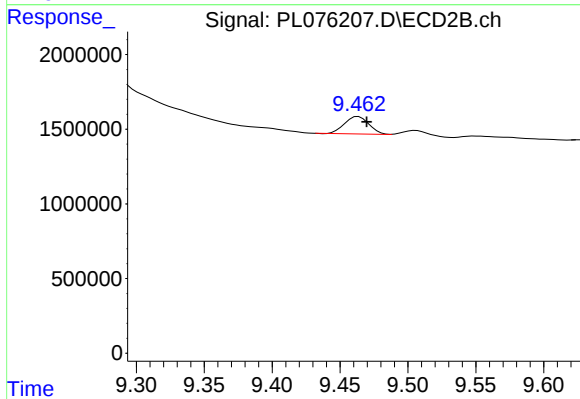
#21 Endrin ketone

R.T.: 9.274 min
Delta R.T.: -0.010 min
Response: 5041151
Conc: 3.05 ng/ml m



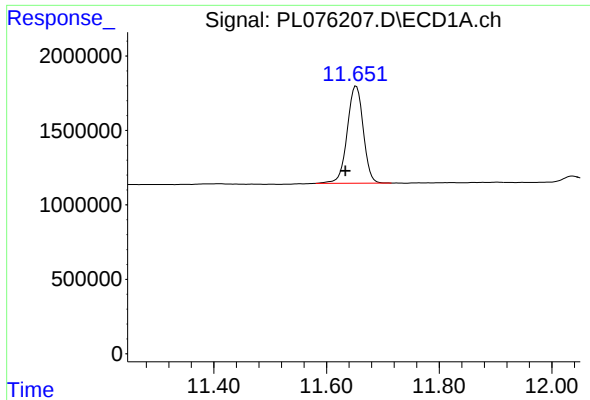
#22 Mirex

R.T.: 10.657 min
Delta R.T.: 0.018 min
Response: 657412
Conc: 1.22 ng/ml m



#22 Mirex

R.T.: 9.463 min
Delta R.T.: -0.006 min
Response: 1470323
Conc: 1.10 ng/ml



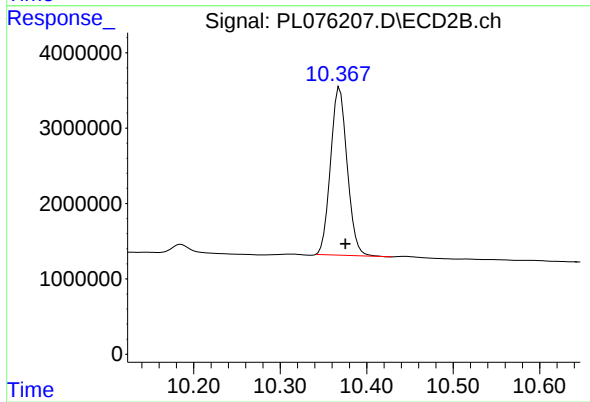
#28 Decachlorobiphenyl

R.T.: 11.653 min
Delta R.T.: 0.019 min
Response: 12911797
Conc: 20.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

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#28 Decachlorobiphenyl

R.T.: 10.369 min
Delta R.T.: -0.007 min
Response: 29583334
Conc: 19.26 ng/ml