

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070722\
 Data File : PL076297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 13:27
 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 07/08/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 01:03:26 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...	5.644	4.628	11691651	29574154	15.459	15.593
28)	SA Decachlor...	11.634	10.368	11408052	26856551	18.129	17.486
Target Compounds							
2)	A alpha-BHC	6.227	5.327	703073	1846264	0.712	0.755m
3)	MA gamma-BHC...	6.627	5.749	730994	2081962	0.790	0.901
4)	MA Heptachlor	7.280	6.156	1027245	2095762	1.120	0.924
5)	MB Aldrin	7.654	6.480	900612	1683101	1.085	0.815
6)	B beta-BHC	6.880	6.129	1424776	1048165	3.253m	1.005m#
7)	B delta-BHC	7.147	6.389	607646	1978867	0.778	0.876
8)	B Heptachlo...	8.122	7.054	1124264	1857624	1.412	0.968 #
9)	A Endosulfan I	8.529	7.455	704250	2096706	0.974	1.194
10)	B gamma-Chl...	8.391	7.330	723726	2045213	0.931	1.064
11)	B alpha-Chl...	8.473	7.397	712341	1960406	0.917	1.024m
12)	B 4,4'-DDE	8.657	7.611	509656	1485775	0.754m	0.875
13)	MA Dieldrin	8.820	7.739	623296	1757989	0.849	0.977m
14)	MA Endrin	9.060	8.029	551389	1260732	0.884	0.830m
15)	B Endosulfa...	9.297	8.339	978535	1475523	1.542	0.976m#
16)	A 4,4'-DDD	9.200	8.193	535433	1546764	0.944	1.115m
17)	MA 4,4'-DDT	9.520	8.454	656470	1269573	1.075	0.858
18)	B Endrin al...	9.429	8.528	587635	1321193	1.138	1.107
19)	B Endosulfa...	9.667	8.758	651502	1679116	1.016	1.094
20)	A Methoxychlor	10.004	9.047	313237	624820	0.913	0.734
21)	B Endrin ke...	10.179	9.276	1527793	1903761	2.120	1.152 #
22)	Mirex	10.642	9.462	645154	1544300	1.200	1.154

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070722\
Data File : PL076297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2022 13:27
Operator : AR\AJ
Sample : N3214-09
Misc : PEST MDL 1PPB
ALS Vial : 10 Sample Multiplier: 1

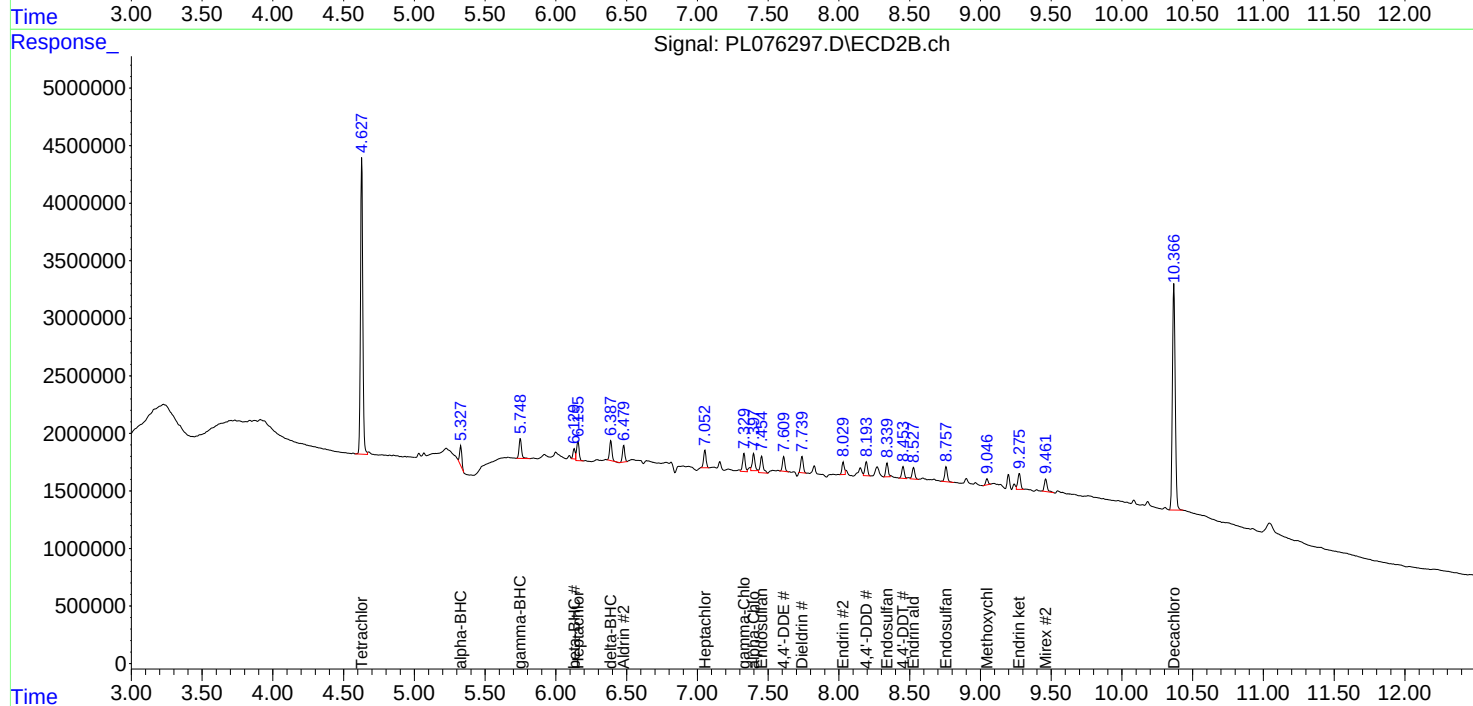
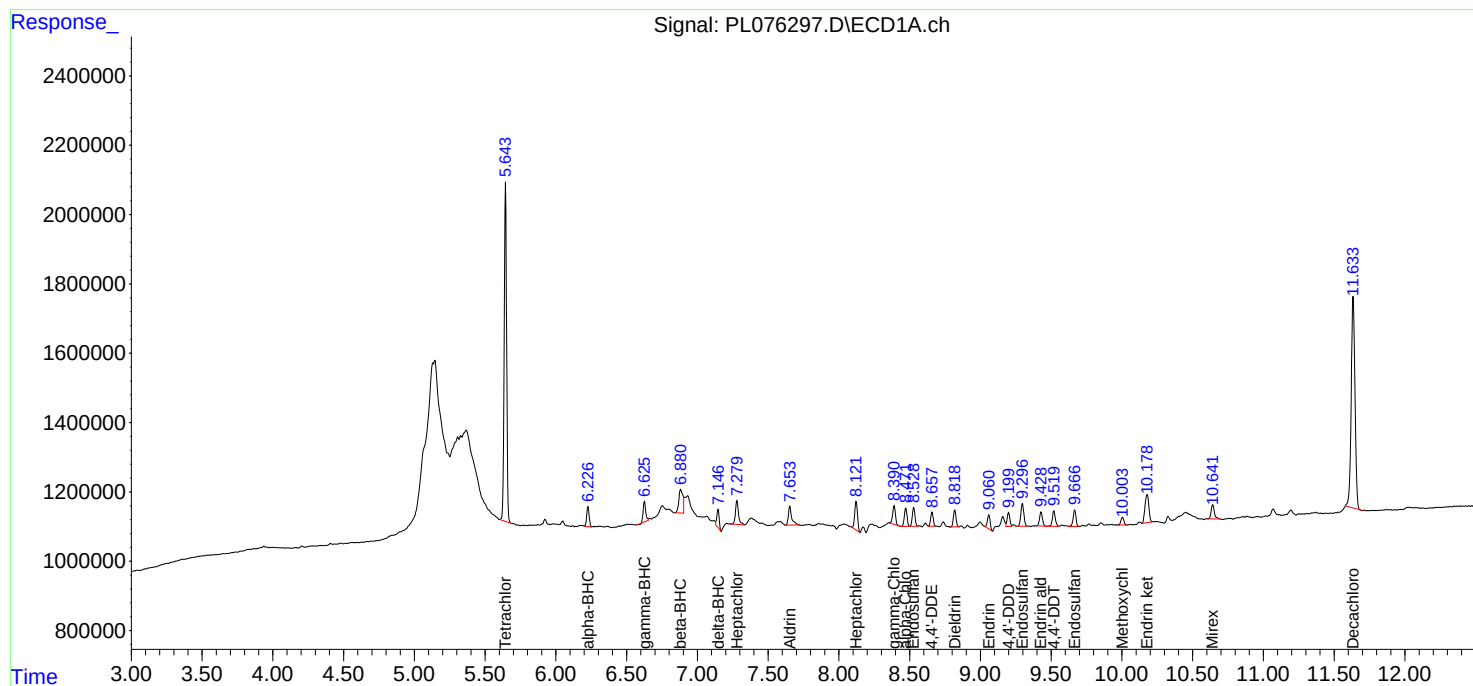
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2022

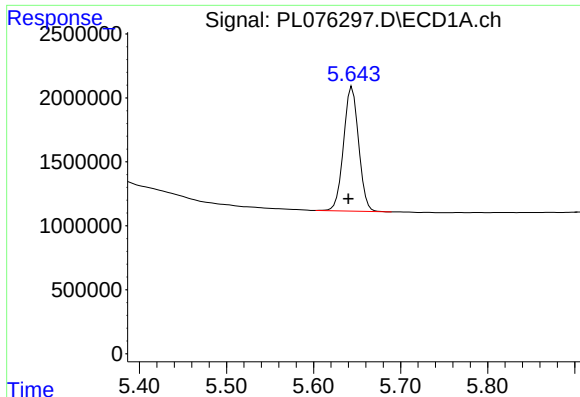
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:03:26 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
Quant Title : GC Extractables
QLast Update : Fri Jun 24 02:17:51 2022
Response via : Initial Calibration
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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





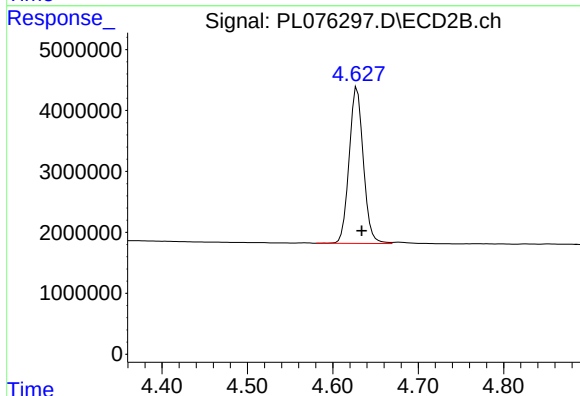
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: 0.004 min
Response: 11691651
Conc: 15.46 ng/ml

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

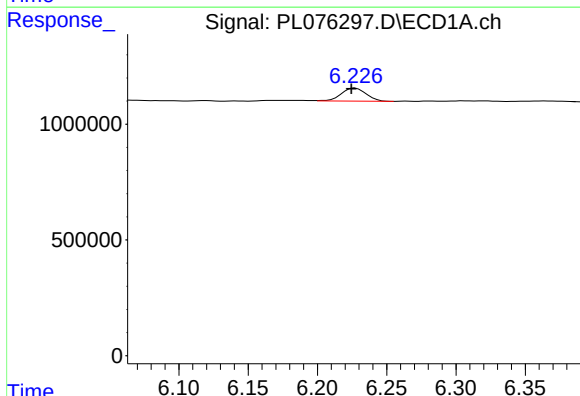
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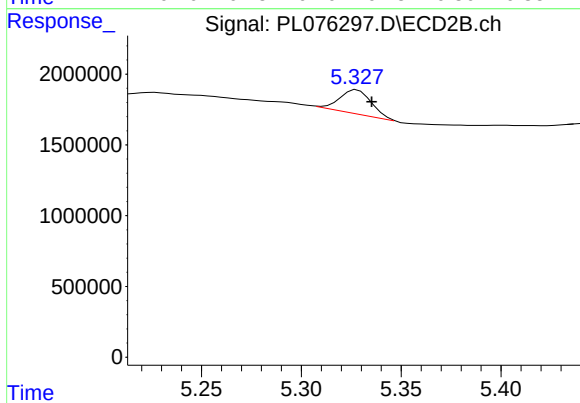
#1 Tetrachloro-m-xylene

R.T.: 4.628 min
Delta R.T.: -0.005 min
Response: 29574154
Conc: 15.59 ng/ml



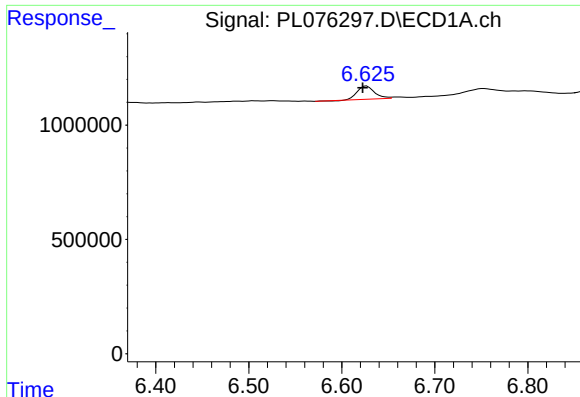
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 703073
Conc: 0.71 ng/ml



#2 alpha-BHC

R.T.: 5.327 min
Delta R.T.: -0.009 min
Response: 1846264
Conc: 0.76 ng/ml m



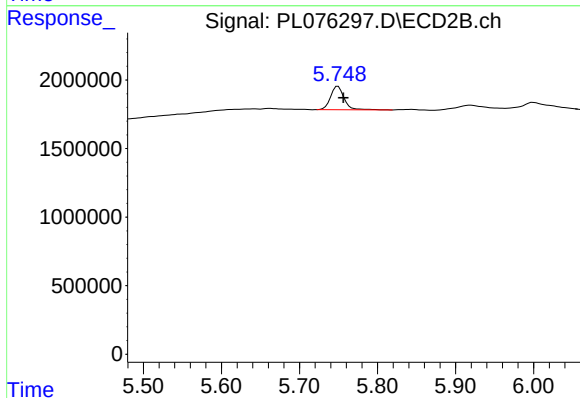
#3 gamma-BHC (Lindane)

R.T.: 6.627 min
Delta R.T.: 0.004 min
Response: 730994
Conc: 0.79 ng/ml

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

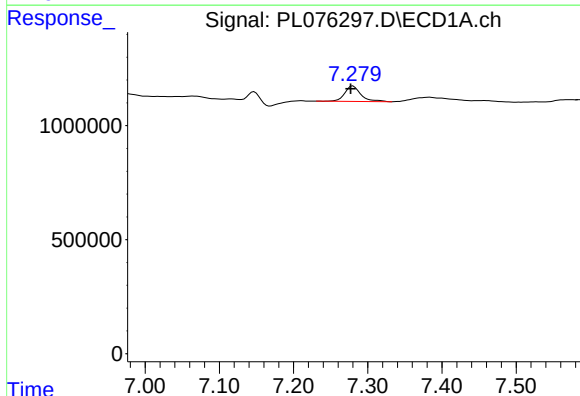
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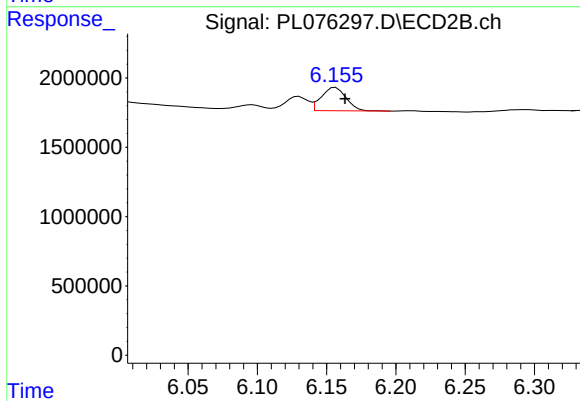
#3 gamma-BHC (Lindane)

R.T.: 5.749 min
Delta R.T.: -0.007 min
Response: 2081962
Conc: 0.90 ng/ml



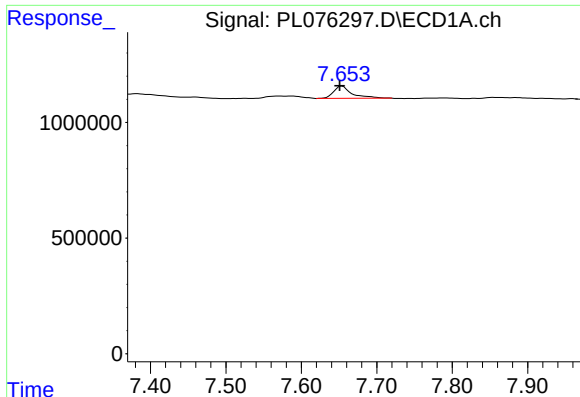
#4 Heptachlor

R.T.: 7.280 min
Delta R.T.: 0.003 min
Response: 1027245
Conc: 1.12 ng/ml



#4 Heptachlor

R.T.: 6.156 min
Delta R.T.: -0.007 min
Response: 2095762
Conc: 0.92 ng/ml



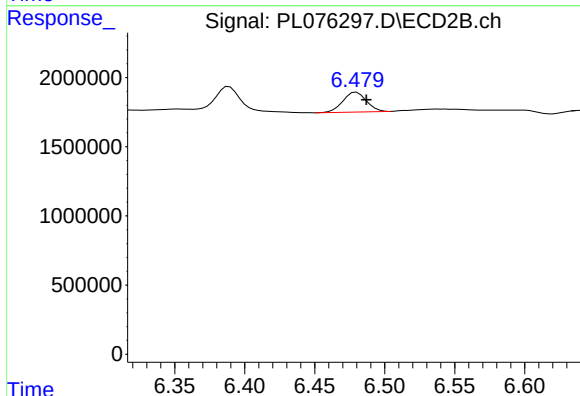
#5 Aldrin

R.T.: 7.654 min
Delta R.T.: 0.003 min
Response: 900612
Conc: 1.08 ng/ml

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

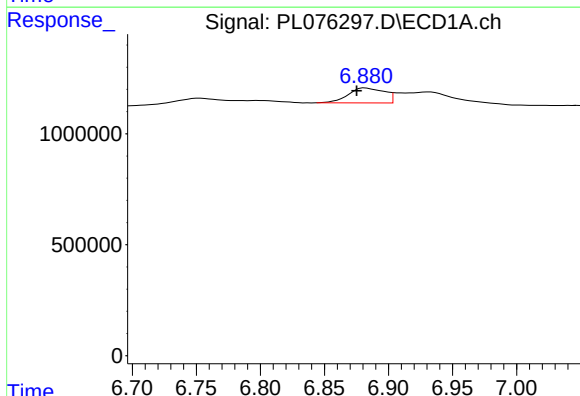
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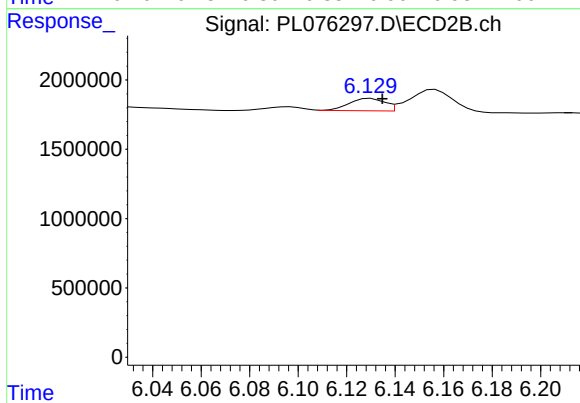
#5 Aldrin

R.T.: 6.480 min
Delta R.T.: -0.007 min
Response: 1683101
Conc: 0.82 ng/ml



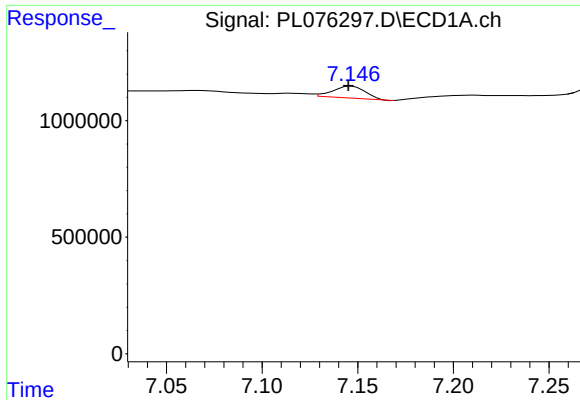
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: 0.005 min
Response: 1424776
Conc: 3.25 ng/ml m



#6 beta-BHC

R.T.: 6.129 min
Delta R.T.: -0.006 min
Response: 1048165
Conc: 1.00 ng/ml m



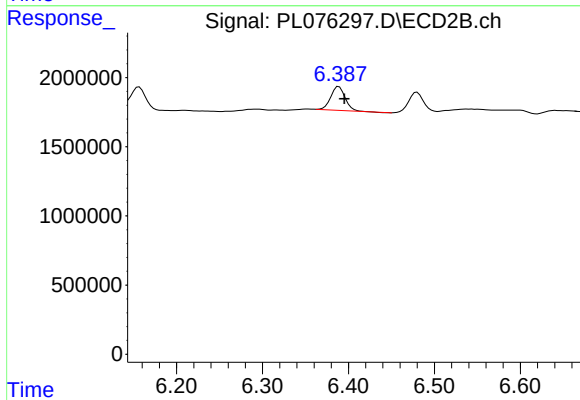
#7 delta-BHC

R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 607646
Conc: 0.78 ng/ml

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

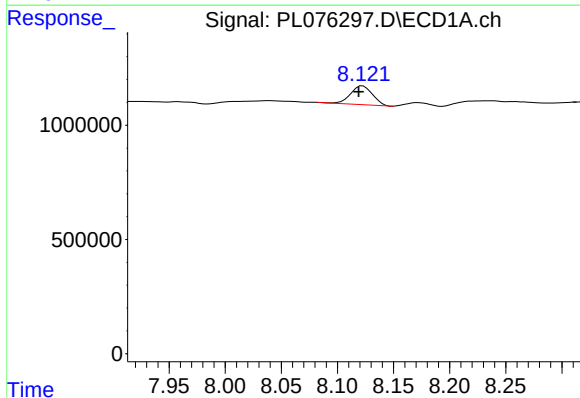
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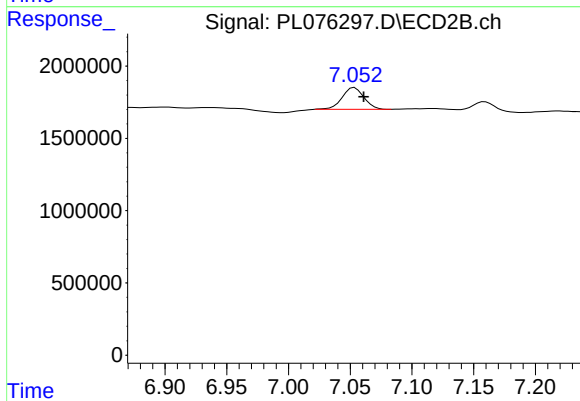
#7 delta-BHC

R.T.: 6.389 min
Delta R.T.: -0.006 min
Response: 1978867
Conc: 0.88 ng/ml



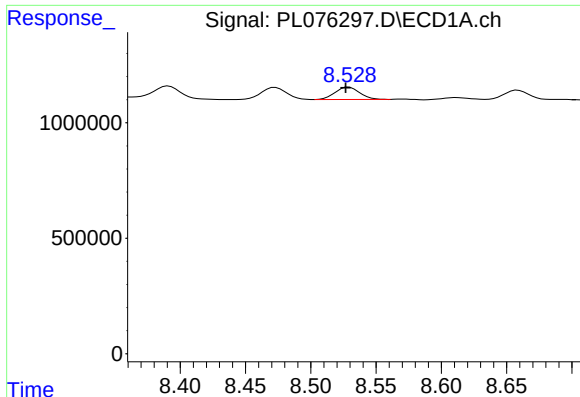
#8 Heptachlor epoxide

R.T.: 8.122 min
Delta R.T.: 0.003 min
Response: 1124264
Conc: 1.41 ng/ml



#8 Heptachlor epoxide

R.T.: 7.054 min
Delta R.T.: -0.007 min
Response: 1857624
Conc: 0.97 ng/ml



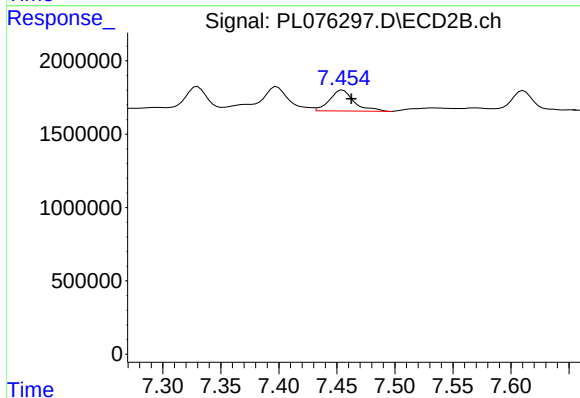
#9 Endosulfan I

R.T.: 8.529 min
Delta R.T.: 0.002 min
Response: 704250
Conc: 0.97 ng/ml

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

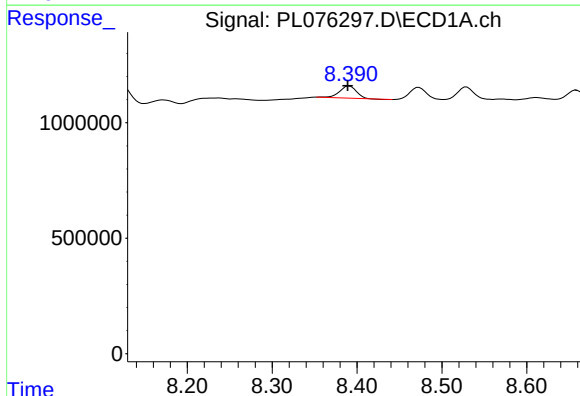
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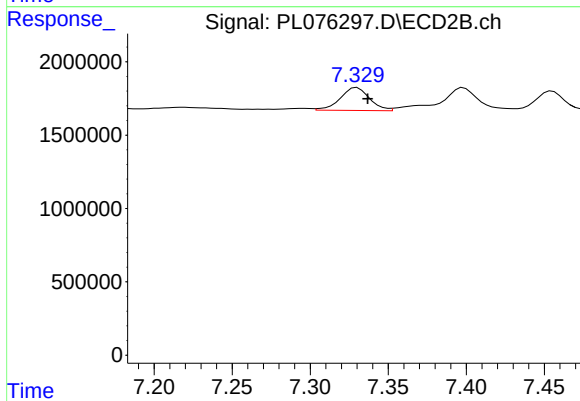
#9 Endosulfan I

R.T.: 7.455 min
Delta R.T.: -0.007 min
Response: 2096706
Conc: 1.19 ng/ml



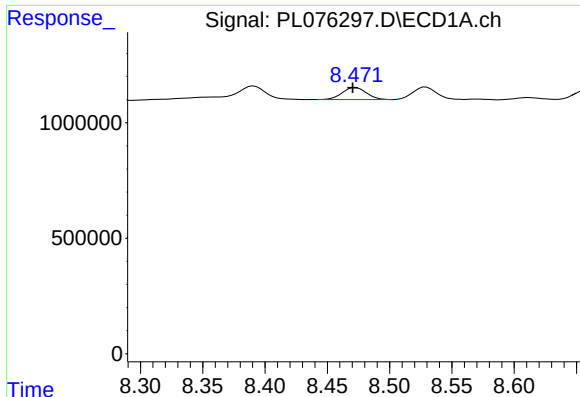
#10 gamma-Chlordane

R.T.: 8.391 min
Delta R.T.: 0.002 min
Response: 723726
Conc: 0.93 ng/ml



#10 gamma-Chlordane

R.T.: 7.330 min
Delta R.T.: -0.007 min
Response: 2045213
Conc: 1.06 ng/ml



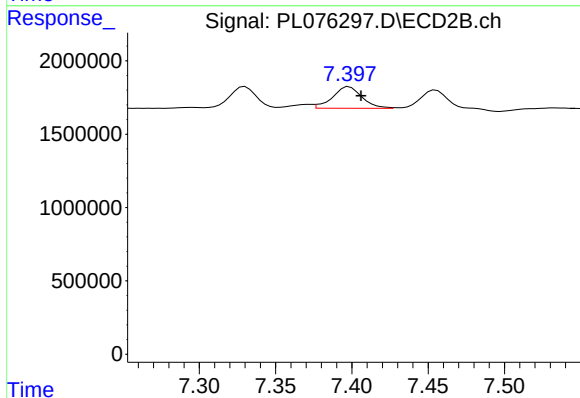
#11 alpha-Chlordane

R.T.: 8.473 min
Delta R.T.: 0.002 min
Response: 712341
Conc: 0.92 ng/ml

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

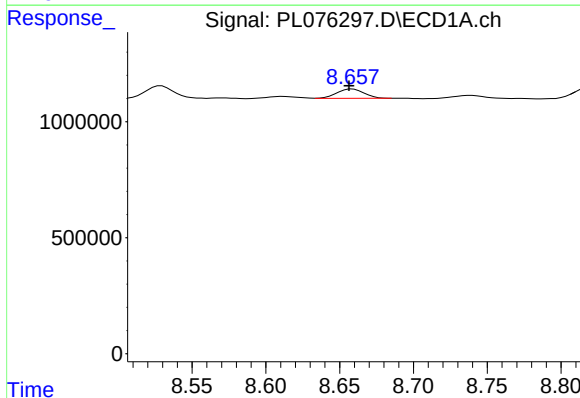
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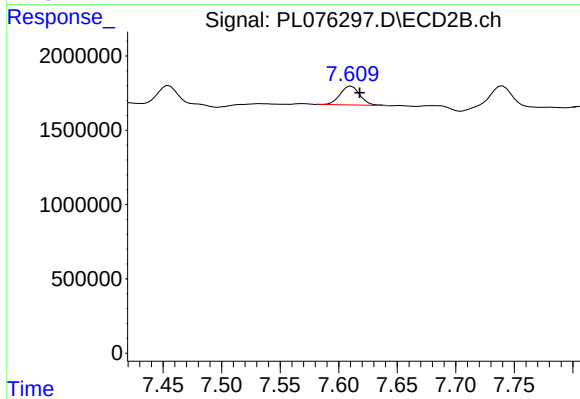
#11 alpha-Chlordane

R.T.: 7.397 min
Delta R.T.: -0.009 min
Response: 1960406
Conc: 1.02 ng/ml m



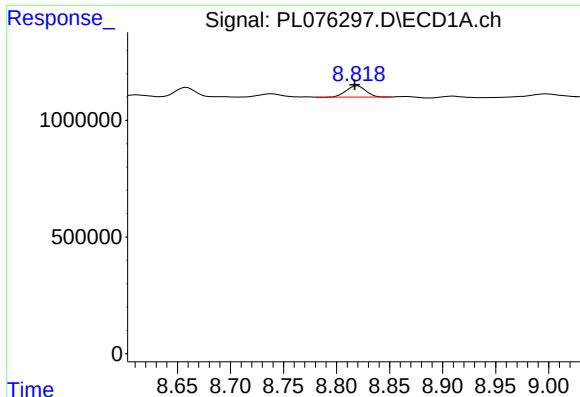
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 509656
Conc: 0.75 ng/ml m



#12 4,4'-DDE

R.T.: 7.611 min
Delta R.T.: -0.007 min
Response: 1485775
Conc: 0.88 ng/ml



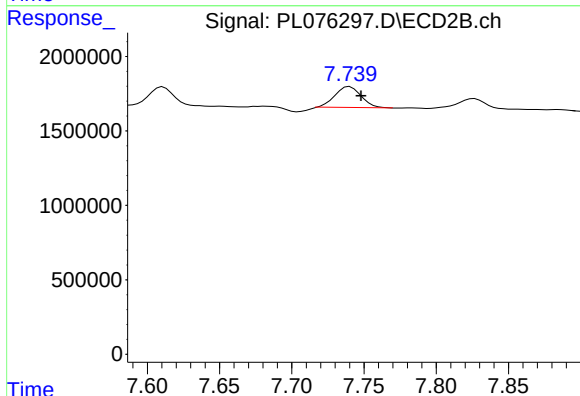
#13 Dieldrin

R.T.: 8.820 min
Delta R.T.: 0.002 min
Response: 623296
Conc: 0.85 ng/ml

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

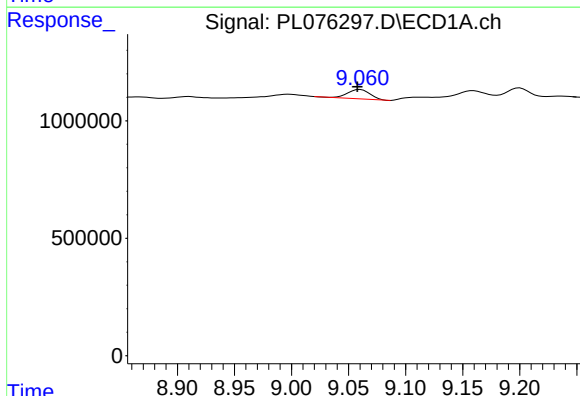
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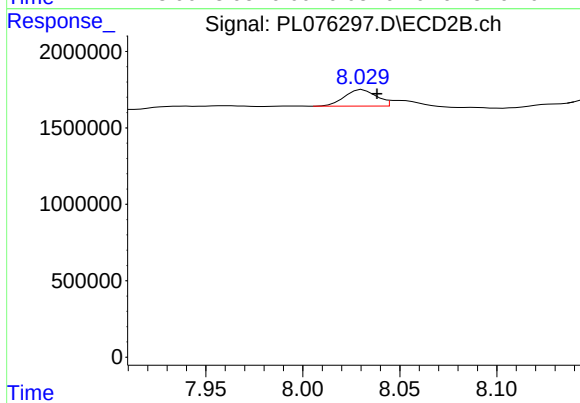
#13 Dieldrin

R.T.: 7.739 min
Delta R.T.: -0.009 min
Response: 1757989
Conc: 0.98 ng/ml m



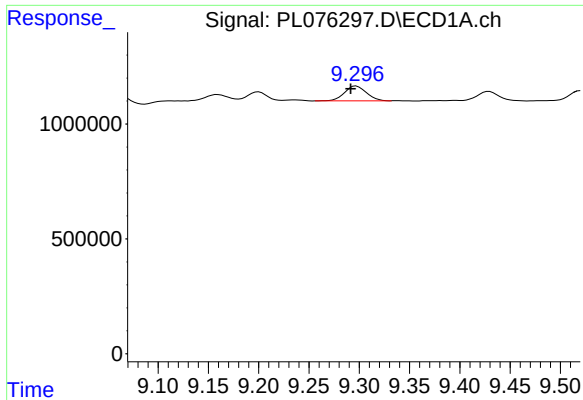
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.002 min
Response: 551389
Conc: 0.88 ng/ml



#14 Endrin

R.T.: 8.029 min
Delta R.T.: -0.009 min
Response: 1260732
Conc: 0.83 ng/ml m



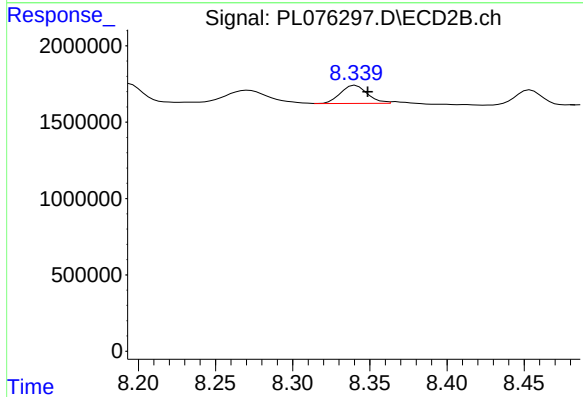
#15 Endosulfan II

R.T.: 9.297 min
Delta R.T.: 0.005 min
Response: 978535
Conc: 1.54 ng/ml

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

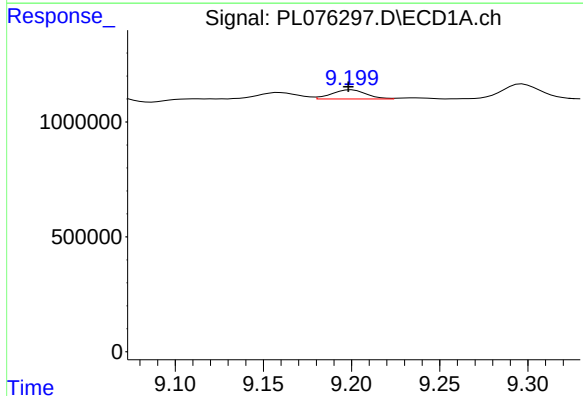
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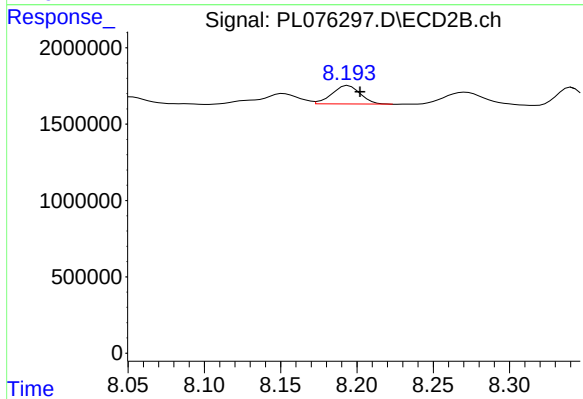
#15 Endosulfan II

R.T.: 8.339 min
Delta R.T.: -0.009 min
Response: 1475523
Conc: 0.98 ng/ml m



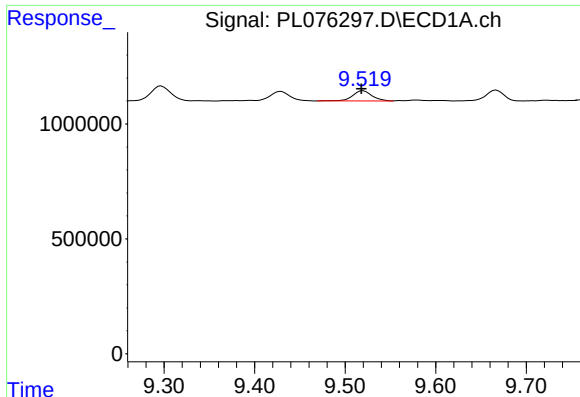
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: 0.002 min
Response: 535433
Conc: 0.94 ng/ml



#16 4,4'-DDD

R.T.: 8.193 min
Delta R.T.: -0.009 min
Response: 1546764
Conc: 1.12 ng/ml m



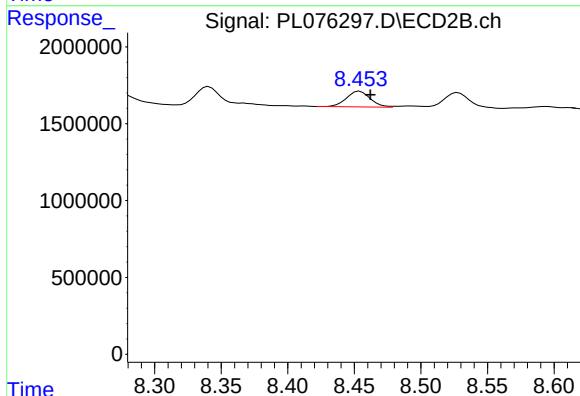
#17 4,4'-DDT

R.T.: 9.520 min
Delta R.T.: 0.002 min
Response: 656470
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
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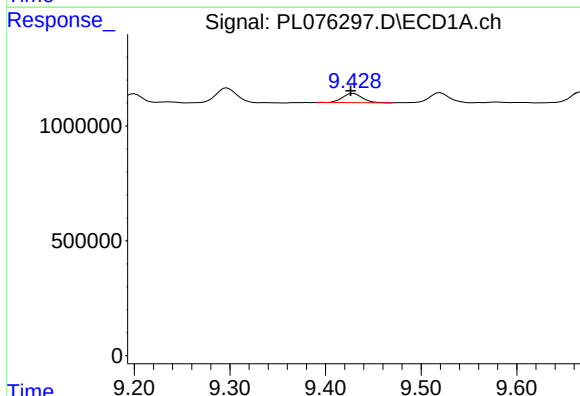
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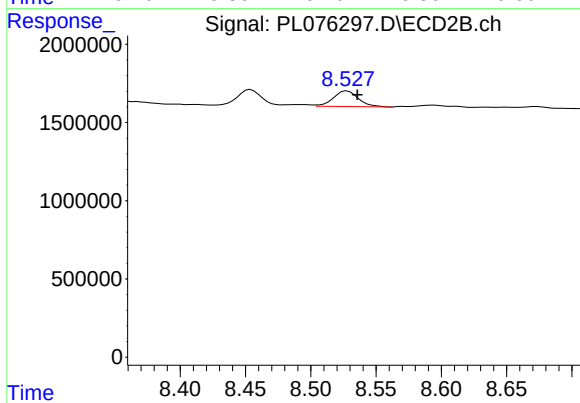
#17 4,4'-DDT

R.T.: 8.454 min
Delta R.T.: -0.008 min
Response: 1269573
Conc: 0.86 ng/ml



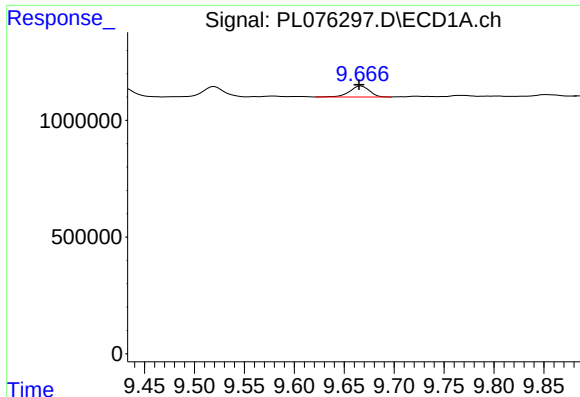
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: 0.003 min
Response: 587635
Conc: 1.14 ng/ml



#18 Endrin aldehyde

R.T.: 8.528 min
Delta R.T.: -0.008 min
Response: 1321193
Conc: 1.11 ng/ml



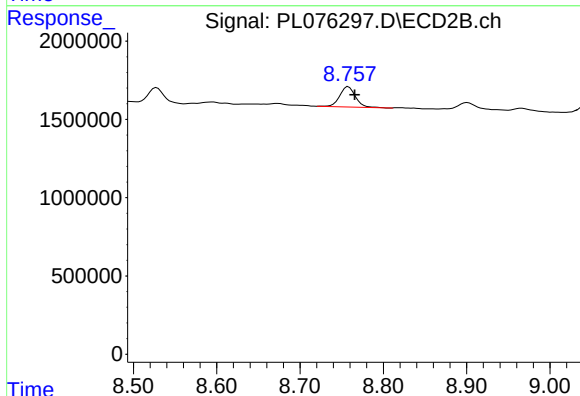
#19 Endosulfan Sulfate

R.T.: 9.667 min
Delta R.T.: 0.002 min
Response: 651502
Conc: 1.02 ng/ml

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

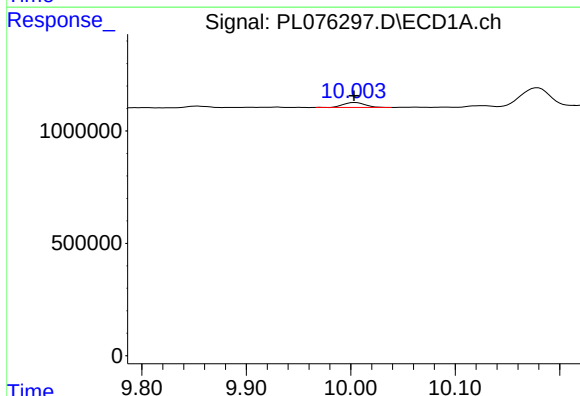
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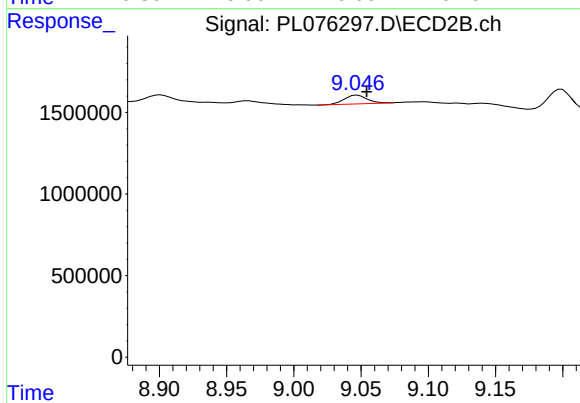
#19 Endosulfan Sulfate

R.T.: 8.758 min
Delta R.T.: -0.008 min
Response: 1679116
Conc: 1.09 ng/ml



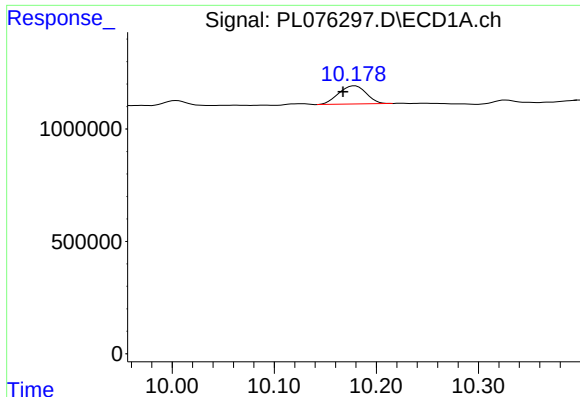
#20 Methoxychlor

R.T.: 10.004 min
Delta R.T.: 0.001 min
Response: 313237
Conc: 0.91 ng/ml



#20 Methoxychlor

R.T.: 9.047 min
Delta R.T.: -0.007 min
Response: 624820
Conc: 0.73 ng/ml



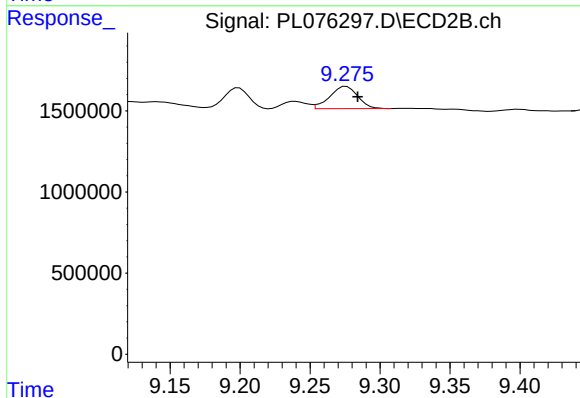
#21 Endrin ketone

R.T.: 10.179 min
Delta R.T.: 0.012 min
Response: 1527793
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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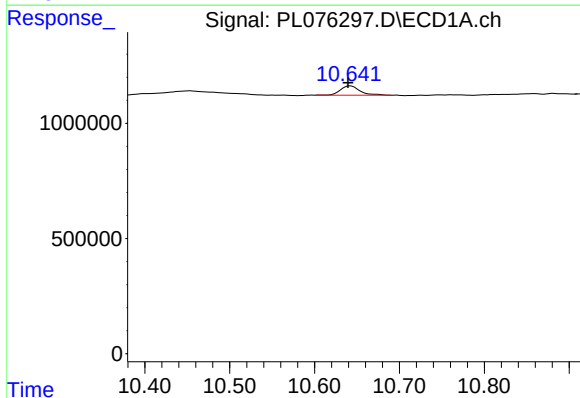
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APPROVED

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Supervised By :Ankita Jodhani 07/08/2022



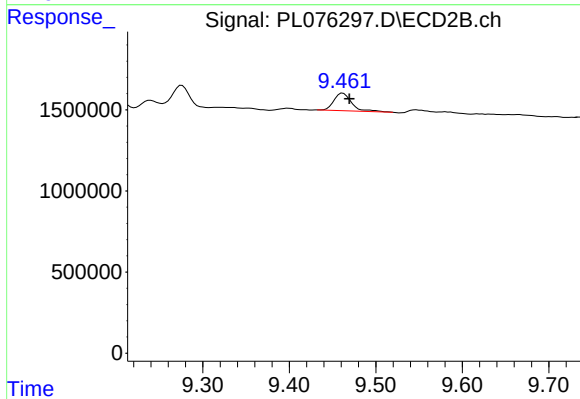
#21 Endrin ketone

R.T.: 9.276 min
Delta R.T.: -0.008 min
Response: 1903761
Conc: 1.15 ng/ml



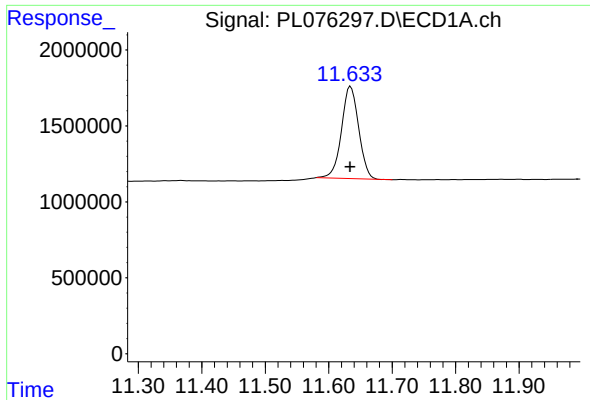
#22 Mirex

R.T.: 10.642 min
Delta R.T.: 0.003 min
Response: 645154
Conc: 1.20 ng/ml



#22 Mirex

R.T.: 9.462 min
Delta R.T.: -0.008 min
Response: 1544300
Conc: 1.15 ng/ml



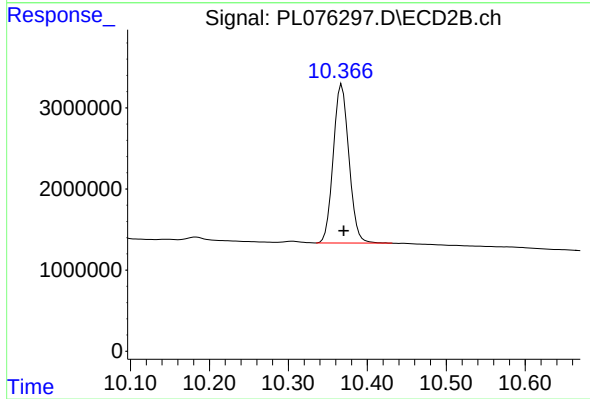
#28 Decachlorobiphenyl

R.T.: 11.634 min
Delta R.T.: 0.000 min
Response: 11408052
Conc: 18.13 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 10.368 min
Delta R.T.: -0.002 min
Response: 26856551
Conc: 17.49 ng/ml