

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103021\
 Data File : PD066630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 11:01
 Operator : AR\AJ
 Sample : M4068-07
 Misc : LOD 2.5 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:52:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.440	3.969	38679142	176.8E6	20.730	21.843
28)	SA Decachlor...	8.165	9.025	24763755	117.0E6	21.433	21.723
Target Compounds							
2)	A alpha-BHC	3.876	4.362	8003672	35649507	2.618	3.231
3)	MA gamma-BHC...	4.158	4.647	10169114	30604811	3.367	3.071
4)	MA Heptachlor	4.452	5.147	7366192	32049775	2.483	3.270 #
5)	MB Aldrin	4.697	5.450	7256188	28377474	2.518	3.126
6)	B beta-BHC	4.406	4.824	3606072	16969284	2.887	3.644 #
7)	B delta-BHC	4.608	5.039	6484280	31521632	2.412	3.449 #
8)	B Heptachlo...	5.137	5.839	6886302	23923236	2.662	3.301
9)	A Endosulfan I	5.474	6.196	6356581	25697993	2.677	3.259
10)	B gamma-Chl...	5.361	6.073	6896425	26064056	2.647	3.124
11)	B alpha-Chl...	5.419	6.144	6924603	26980998	2.698	3.253
12)	B 4,4'-DDE	5.583	6.304	5740904	24700303	2.464	3.134 #
13)	MA Dieldrin	5.716	6.454	6674195	26192318	2.667	3.157
14)	MA Endrin	5.972	6.673	5545083	21279494	2.650	3.092
15)	B Endosulfa...	6.244	6.886	5768790	23516402	2.901m	3.331m
16)	A 4,4'-DDD	6.098	6.799	4491401	22975314	2.396	3.381 #
17)	MA 4,4'-DDT	6.337	7.096	4584419	20894727	2.383	2.881
18)	B Endrin al...	6.414	7.012	5027834	21035514	3.253	3.698
19)	B Endosulfa...	6.626	7.235	5406666	24683055	2.905	3.403
20)	A Methoxychlor	6.883	7.558	3068308	13200610	2.971	3.240
21)	B Endrin ke...	7.117	7.707	6809514	29695594	3.121	3.531
22)	Mirex	7.298	8.155	5061546	21492990	3.254	3.634

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103021\
 Data File : PD066630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 11:01
 Operator : AR\AJ
 Sample : M4068-07
 Misc : LOD 2.5 PPB
 ALS Vial : 11 Sample Multiplier: 1

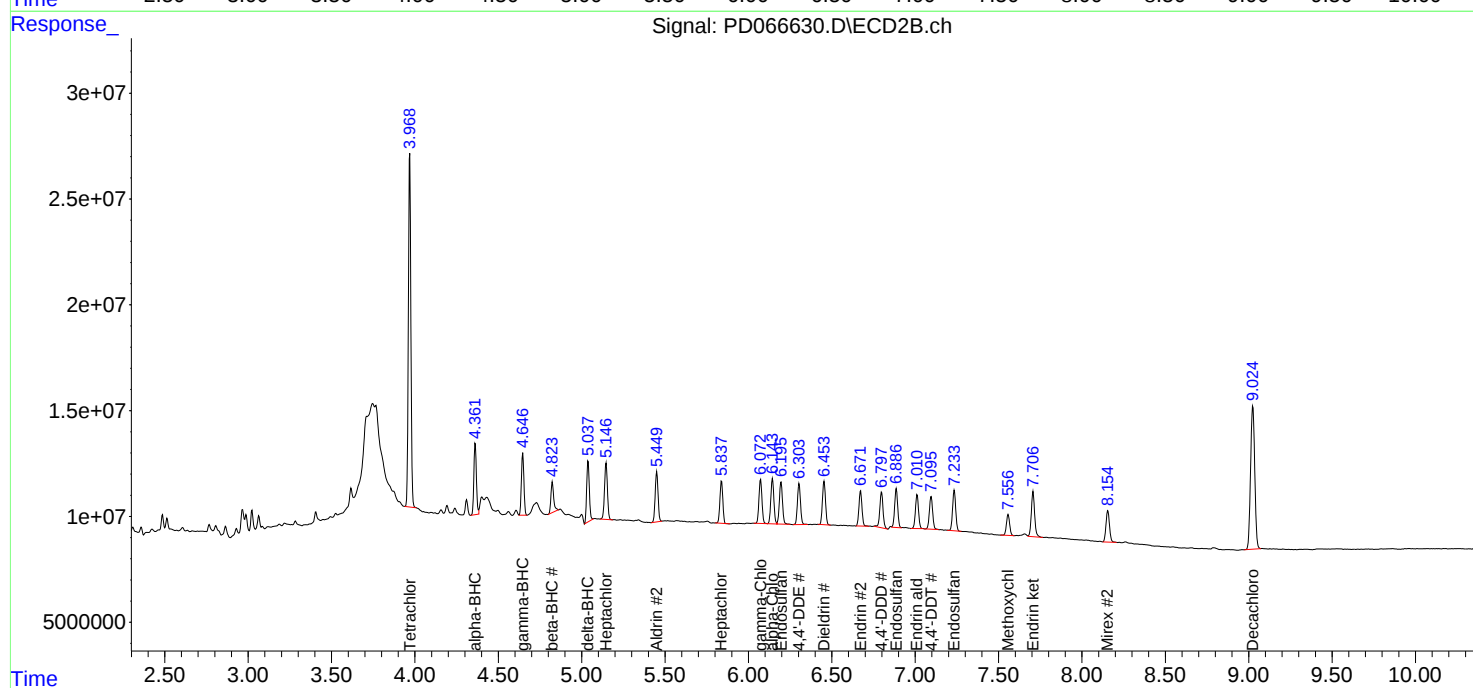
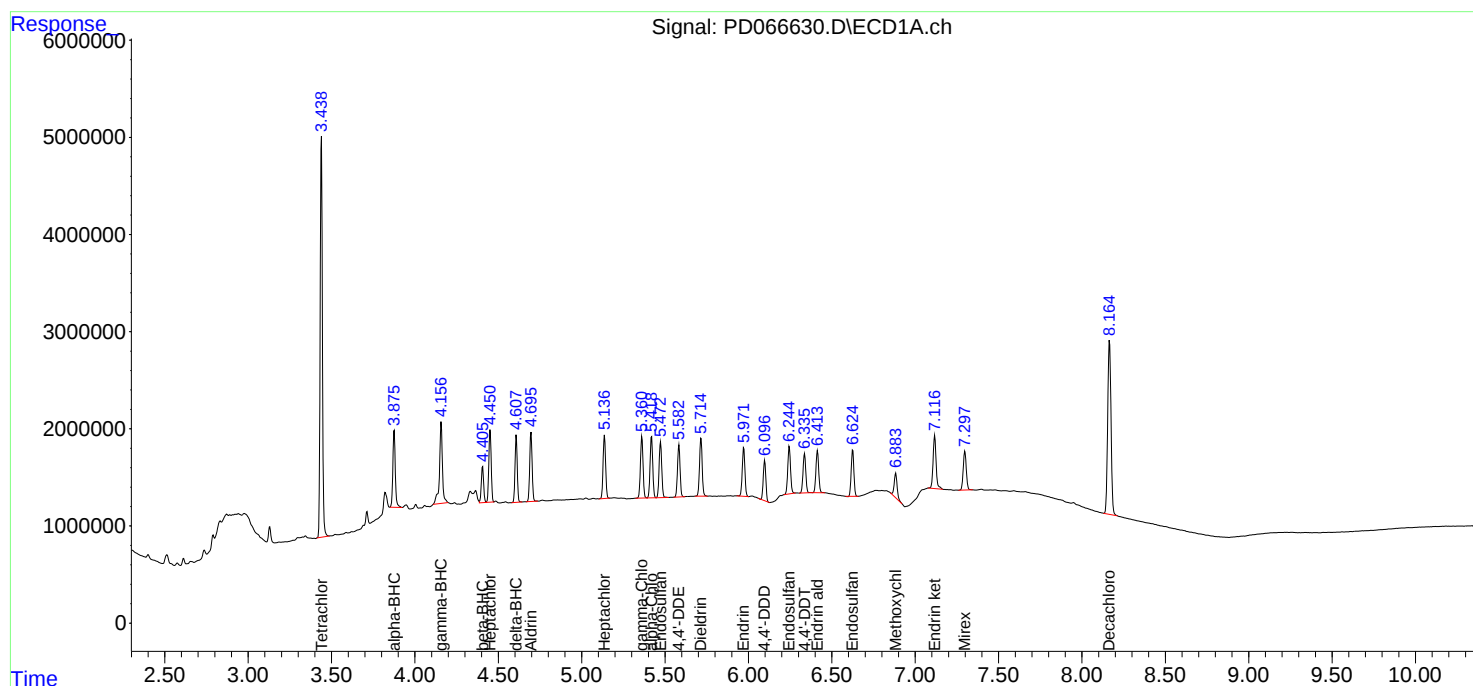
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

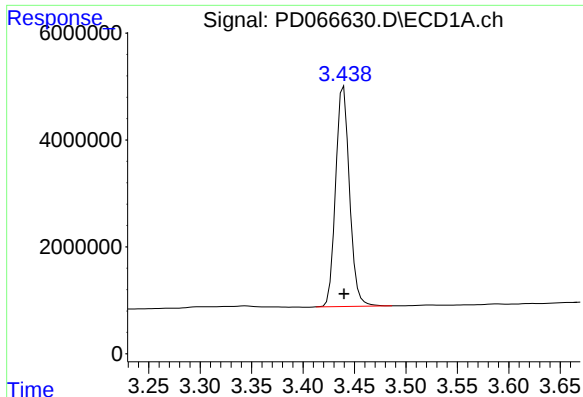
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 11/01/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:52:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
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 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





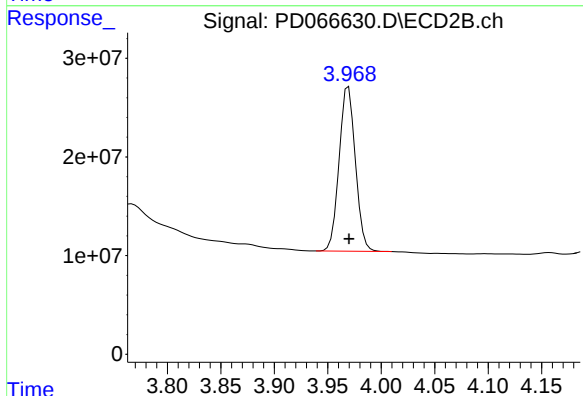
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 38679142
Conc: 20.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

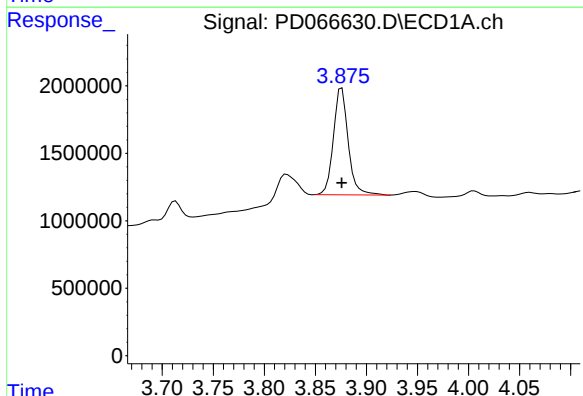
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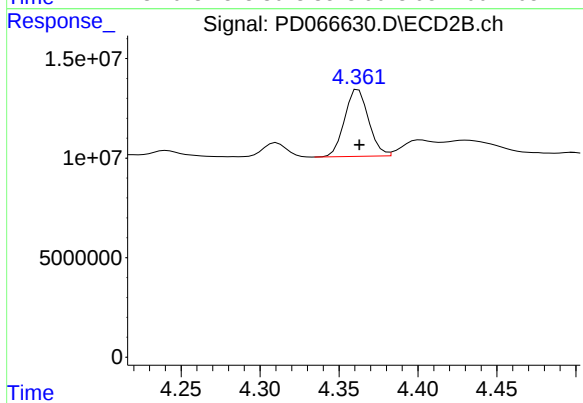
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 176757150
Conc: 21.84 ng/ml



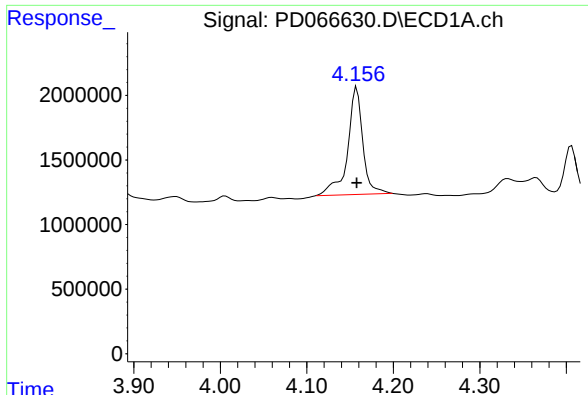
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 8003672
Conc: 2.62 ng/ml



#2 alpha-BHC

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 35649507
Conc: 3.23 ng/ml



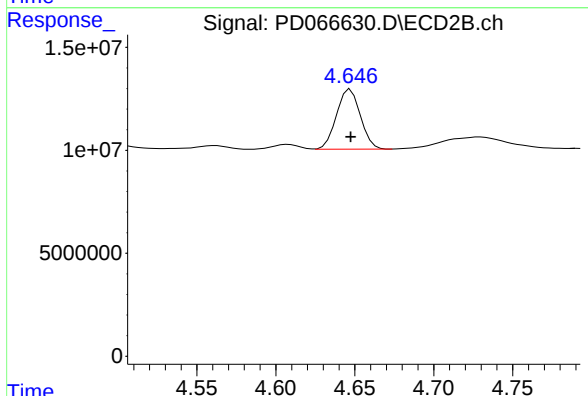
#3 gamma-BHC (Lindane)

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 10169114
Conc: 3.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
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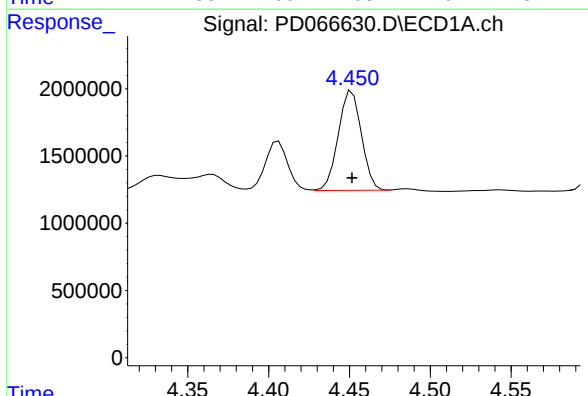
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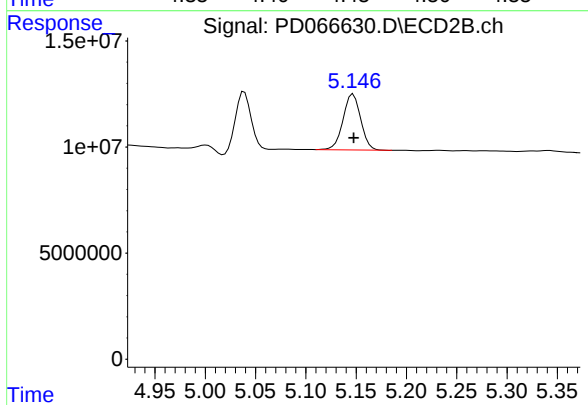
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 30604811
Conc: 3.07 ng/ml



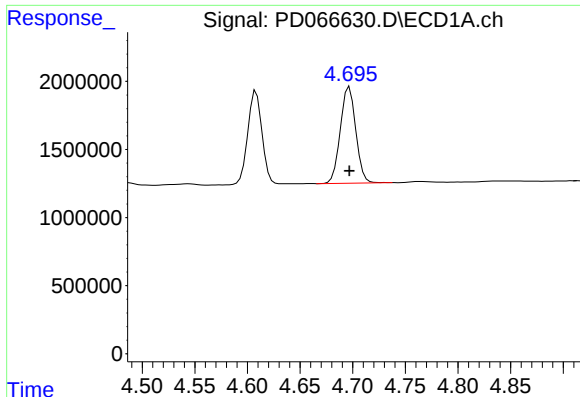
#4 Heptachlor

R.T.: 4.452 min
Delta R.T.: 0.000 min
Response: 7366192
Conc: 2.48 ng/ml



#4 Heptachlor

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 32049775
Conc: 3.27 ng/ml



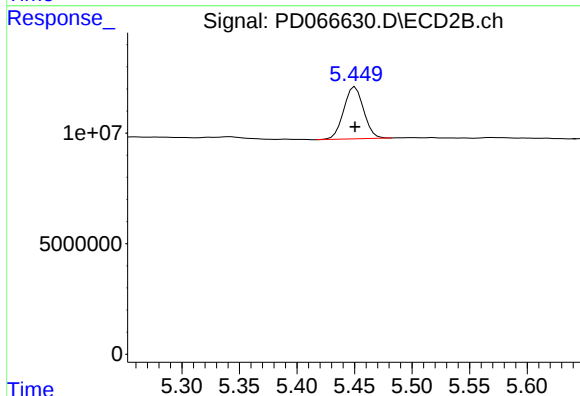
#5 Aldrin

R.T.: 4.697 min
Delta R.T.: 0.000 min
Response: 7256188
Conc: 2.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
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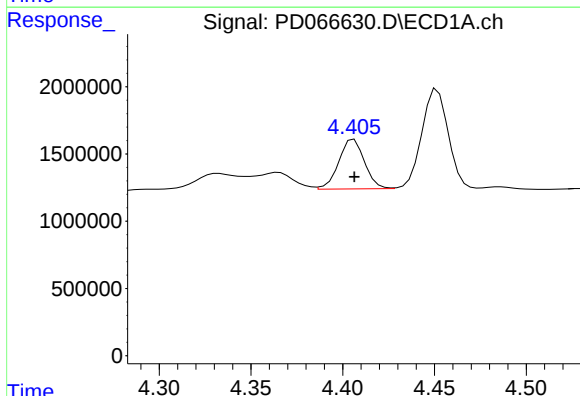
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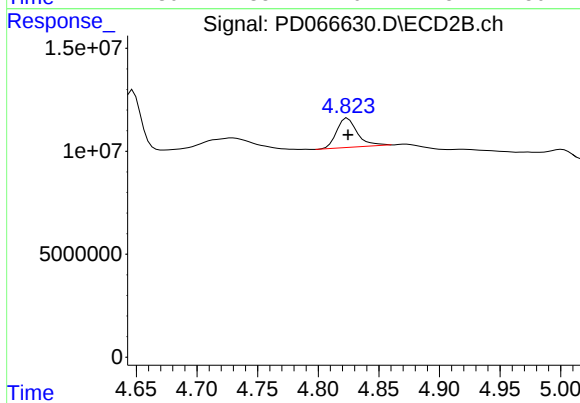
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 28377474
Conc: 3.13 ng/ml



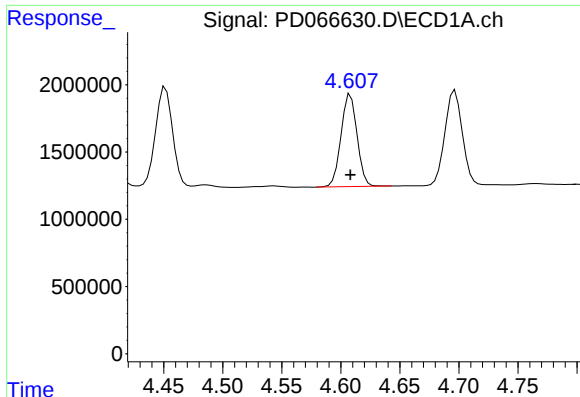
#6 beta-BHC

R.T.: 4.406 min
Delta R.T.: 0.000 min
Response: 3606072
Conc: 2.89 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 16969284
Conc: 3.64 ng/ml



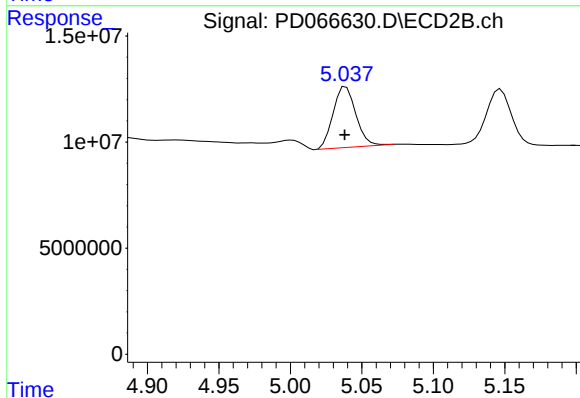
#7 delta-BHC

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 6484280
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

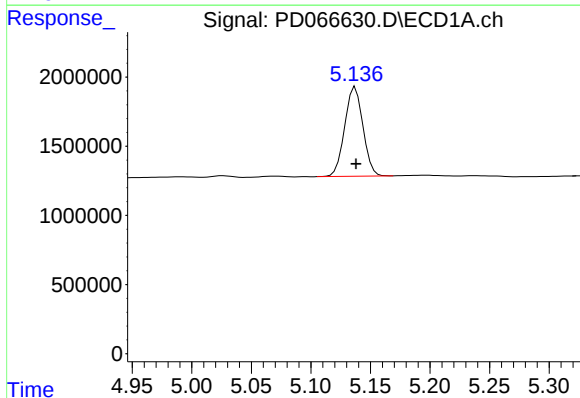
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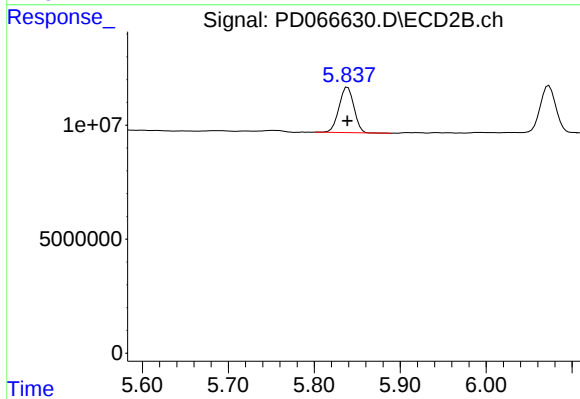
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: 0.001 min
Response: 31521632
Conc: 3.45 ng/ml



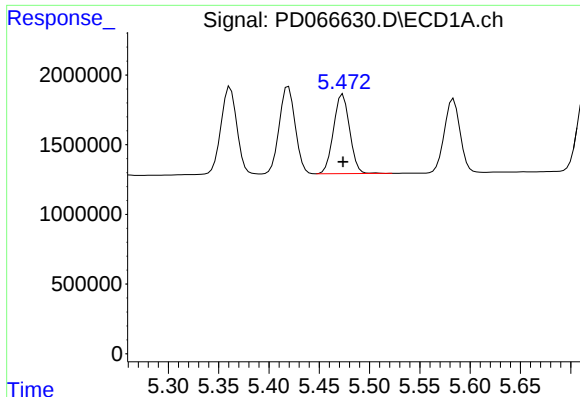
#8 Heptachlor epoxide

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 6886302
Conc: 2.66 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 23923236
Conc: 3.30 ng/ml



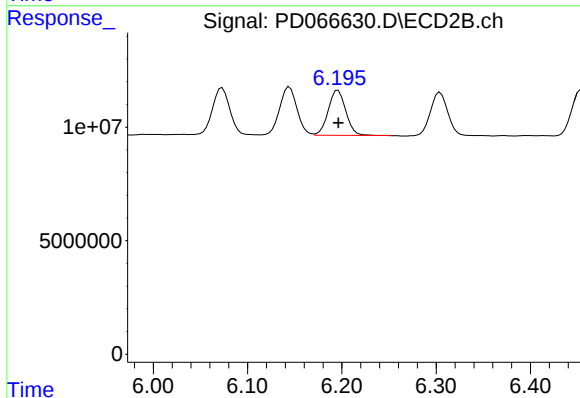
#9 Endosulfan I

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 6356581
Conc: 2.68 ng/ml

Instrument :
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LOD-MDL-WATER-01-QT4-2021

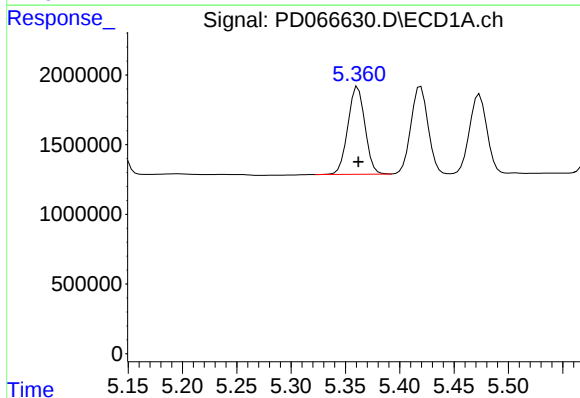
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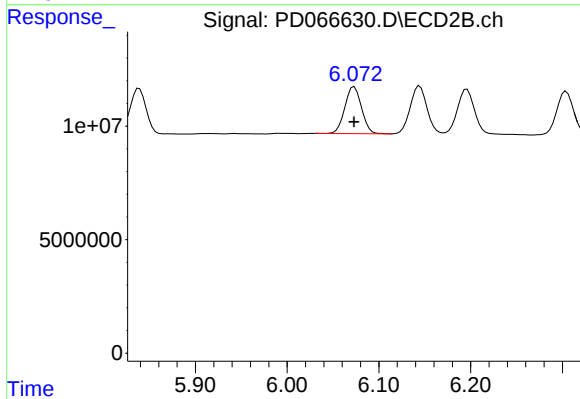
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 25697993
Conc: 3.26 ng/ml



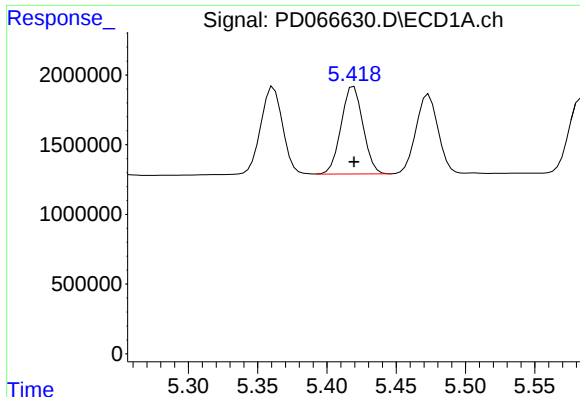
#10 gamma-Chlordane

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 6896425
Conc: 2.65 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 26064056
Conc: 3.12 ng/ml



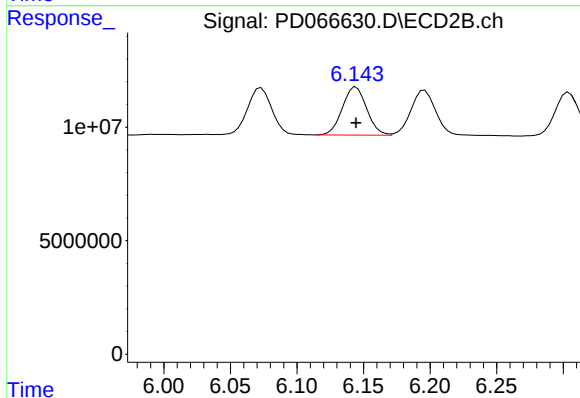
#11 alpha-Chlordane

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 6924603
Conc: 2.70 ng/ml

Instrument :
ECD_D
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LOD-MDL-WATER-01-QT4-2021

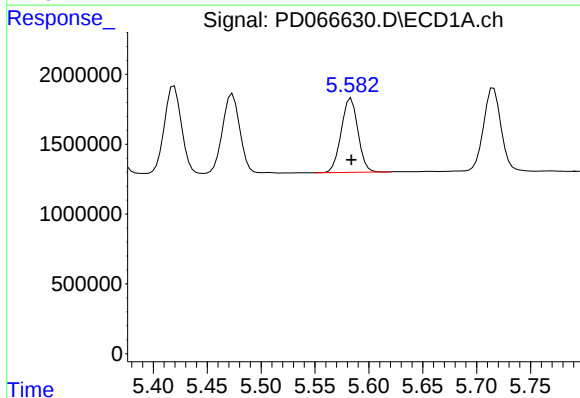
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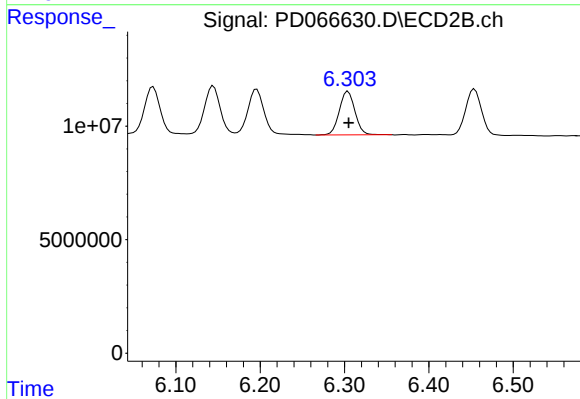
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 26980998
Conc: 3.25 ng/ml



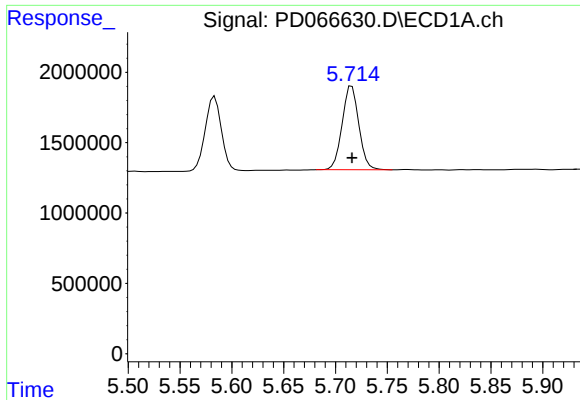
#12 4,4'-DDE

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 5740904
Conc: 2.46 ng/ml



#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 24700303
Conc: 3.13 ng/ml



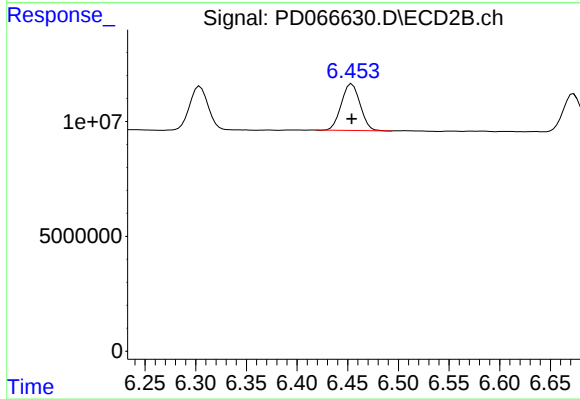
#13 Dieldrin

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 6674195
Conc: 2.67 ng/ml

Instrument :
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ClientSampleId :
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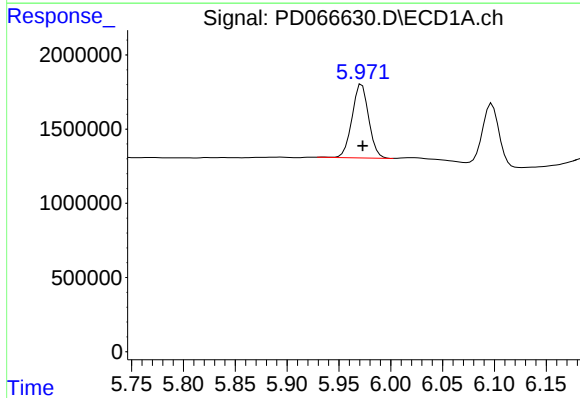
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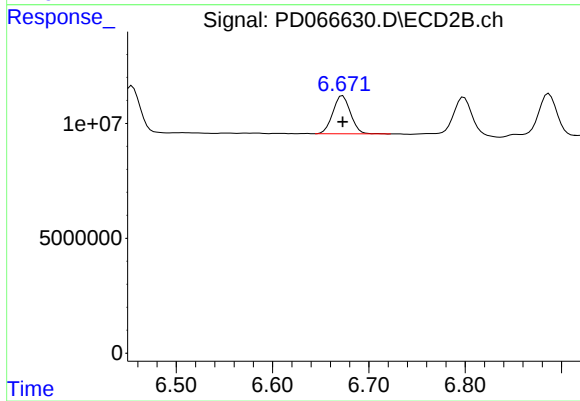
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 26192318
Conc: 3.16 ng/ml



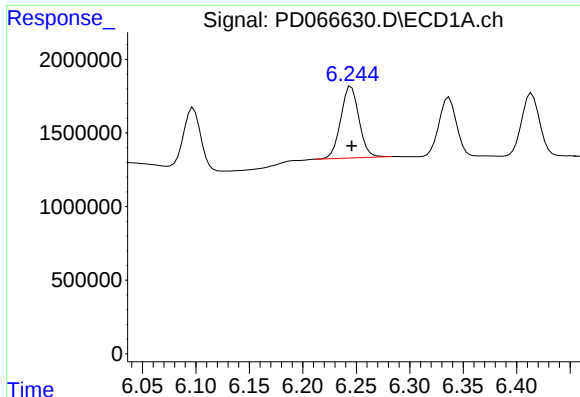
#14 Endrin

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 5545083
Conc: 2.65 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 21279494
Conc: 3.09 ng/ml



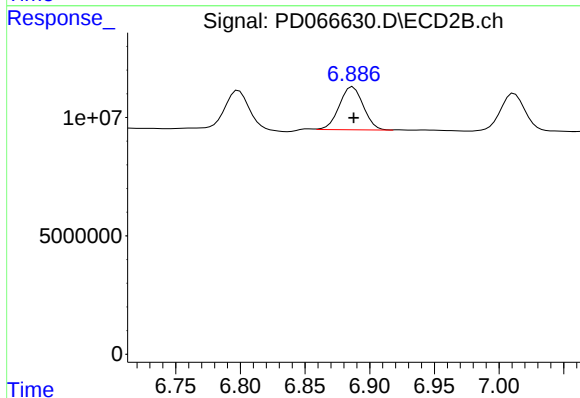
#15 Endosulfan II

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 5768790
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

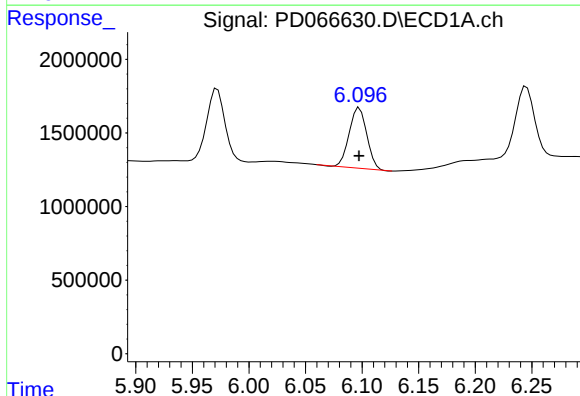
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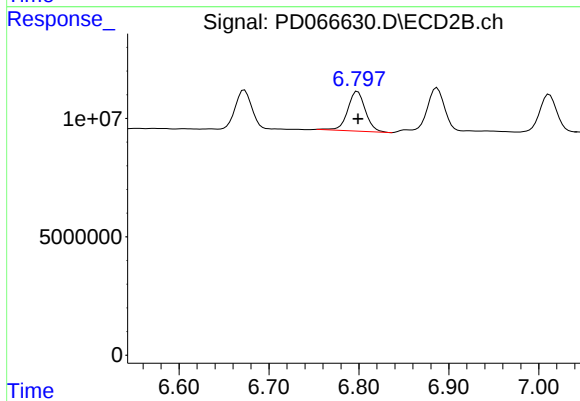
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 23516402
Conc: 3.33 ng/ml m



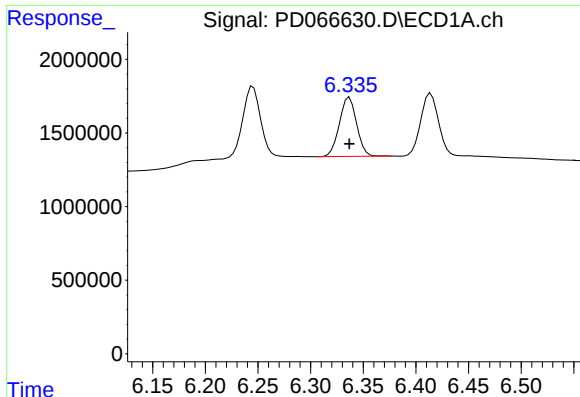
#16 4,4'-DDD

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 4491401
Conc: 2.40 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 22975314
Conc: 3.38 ng/ml



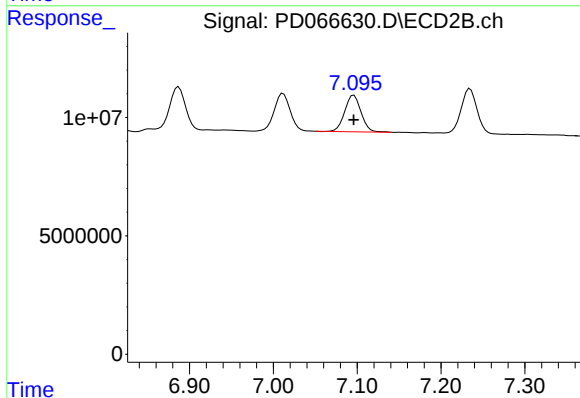
#17 4,4'-DDT

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 4584419
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

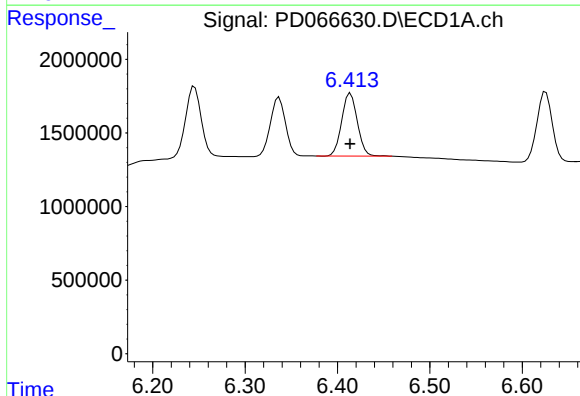
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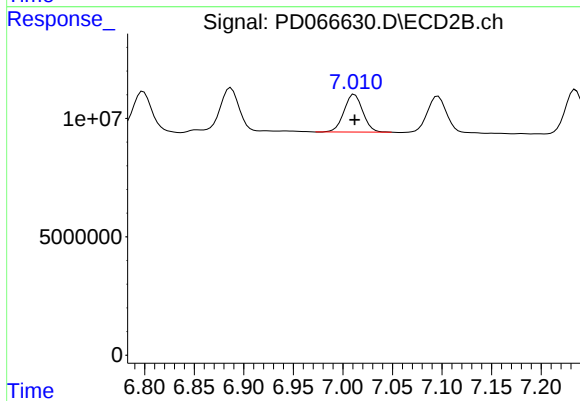
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 20894727
Conc: 2.88 ng/ml



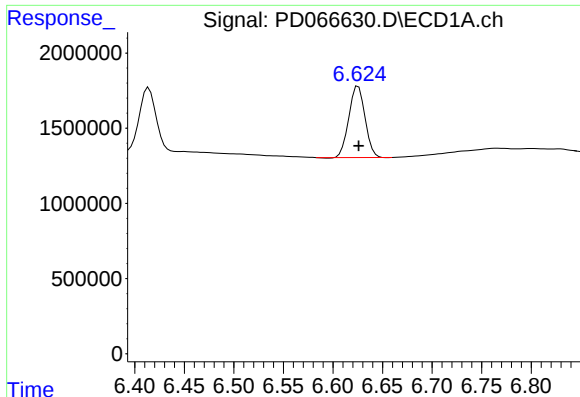
#18 Endrin aldehyde

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 5027834
Conc: 3.25 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 21035514
Conc: 3.70 ng/ml



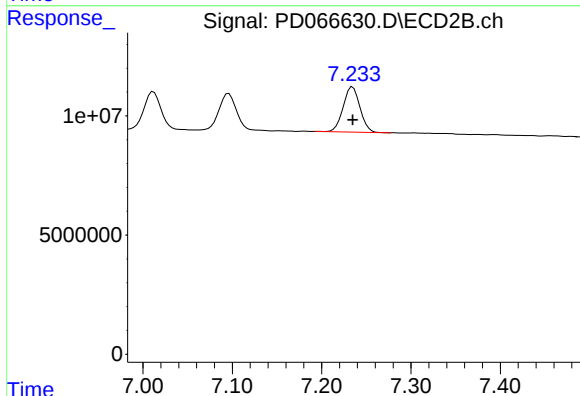
#19 Endosulfan Sulfate

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 5406666
Conc: 2.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

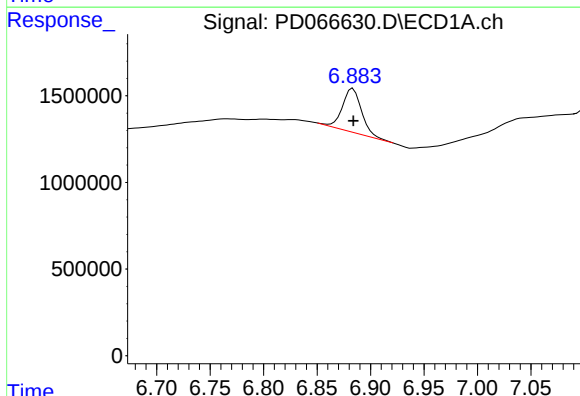
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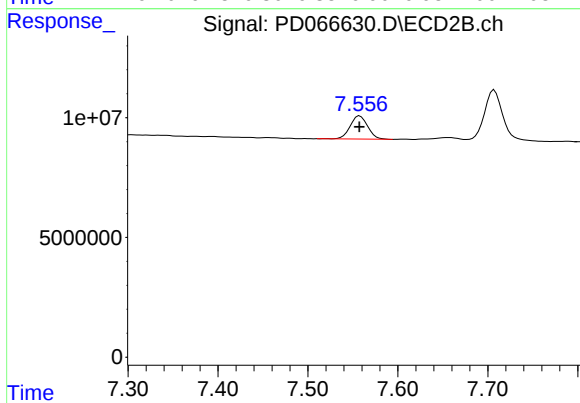
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 24683055
Conc: 3.40 ng/ml



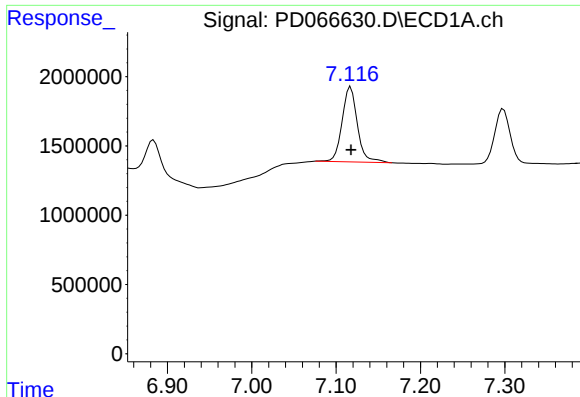
#20 Methoxychlor

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 3068308
Conc: 2.97 ng/ml



#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 13200610
Conc: 3.24 ng/ml



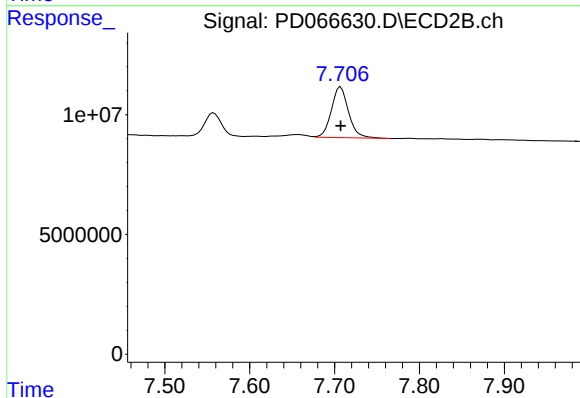
#21 Endrin ketone

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 6809514
Conc: 3.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

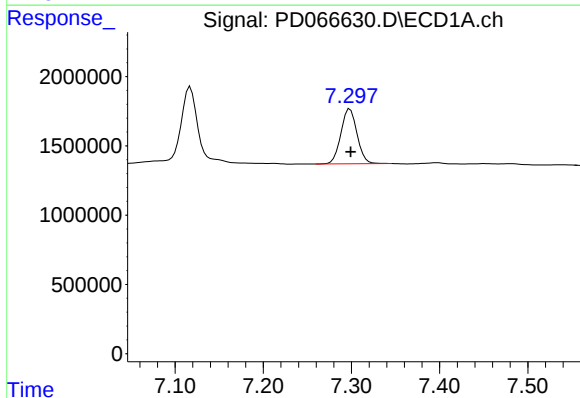
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



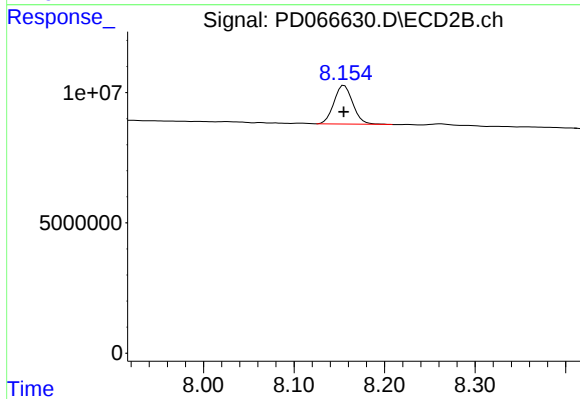
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 29695594
Conc: 3.53 ng/ml



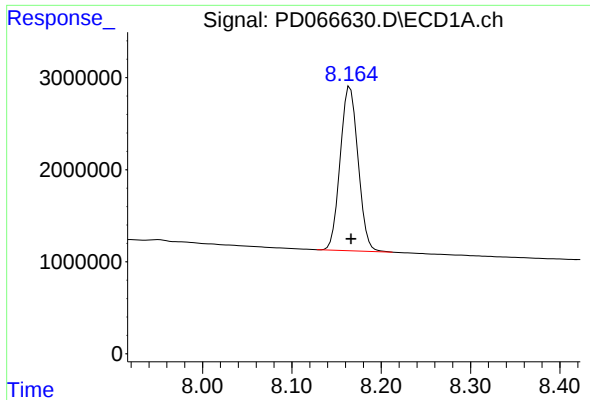
#22 Mirex

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 5061546
Conc: 3.25 ng/ml



#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 21492990
Conc: 3.63 ng/ml



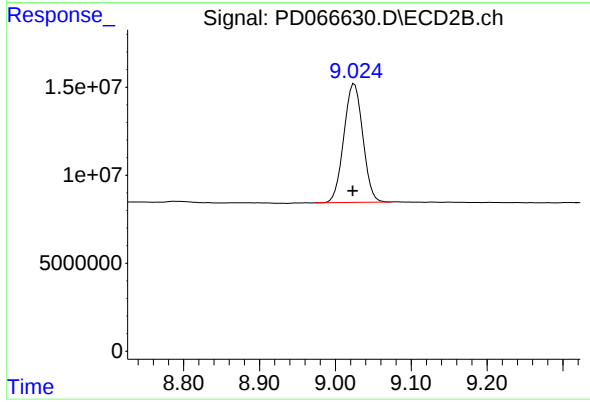
#28 Decachlorobiphenyl

R.T.: 8.165 min
Delta R.T.: -0.001 min
Response: 24763755
Conc: 21.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.002 min
Response: 117009169
Conc: 21.72 ng/ml