

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
 Data File : PD077035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 12:13
 Operator : AR\AJ
 Sample : 03572-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:35:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.762	40672069	23003829	17.187	16.888
28)	SA Decachlor...	9.091	7.907	55095083	26556284	20.106	18.557
Target Compounds							
2)	A alpha-BHC	4.002	3.264	7720031	4171418	2.011	2.156
3)	MA gamma-BHC...	4.335	3.594	7561606	4514711	2.054	2.427
4)	MA Heptachlor	4.927	3.934	8715621	4151718	2.417	2.285
5)	MB Aldrin	5.270	4.214	8690086	4161529	2.351	2.248
6)	B beta-BHC	4.534	3.891	4119944	2173545	2.738	2.849
7)	B delta-BHC	4.780	4.121	11967632	3863060	3.430	2.171 #
8)	B Heptachlo...	5.698	4.716	9317924	3905994	2.814	2.336
9)	A Endosulfan I	6.085	5.086	8024032	3600803	2.640	2.308
10)	B gamma-Chl...	5.955	4.966	8008906	3948707	2.461	2.380
11)	B alpha-Chl...	6.035	5.031	8237900	4056547	2.512	2.429
12)	B 4,4'-DDE	6.207	5.219	6909897	3168636	2.329	2.185
13)	MA Dieldrin	6.361	5.351	8083804	3893603	2.469	2.311
14)	MA Endrin	6.592	5.628	6802844	3481328	2.448	2.379
15)	B Endosulfa...	6.811	5.922	7555631	3474478	2.375	2.357
16)	A 4,4'-DDD	6.726	5.775	5783347	2581082	2.458	2.321
17)	MA 4,4'-DDT	7.041	6.027	4880249	2013573	2.007	1.811
18)	B Endrin al...	6.942	6.102	6167224	2889907	2.823	2.539
19)	B Endosulfa...	7.177	6.325	7022510	3384508	2.695	2.538
20)	A Methoxychlor	7.517	6.602	3569514	1334577	2.519	2.232
21)	B Endrin ke...	7.664	6.831	7866292	3671923	2.612	2.316
22)	Mirex	8.139	7.013	6788305	3473281	2.976	2.682

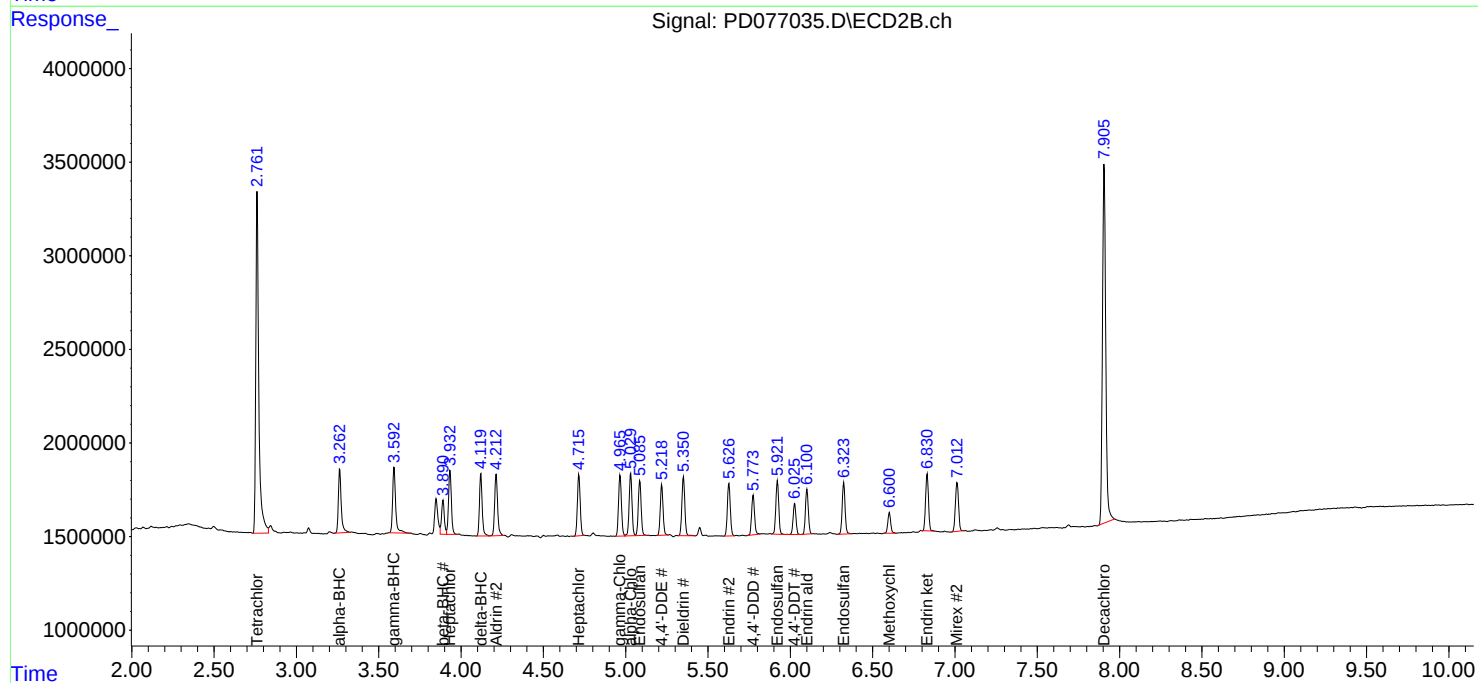
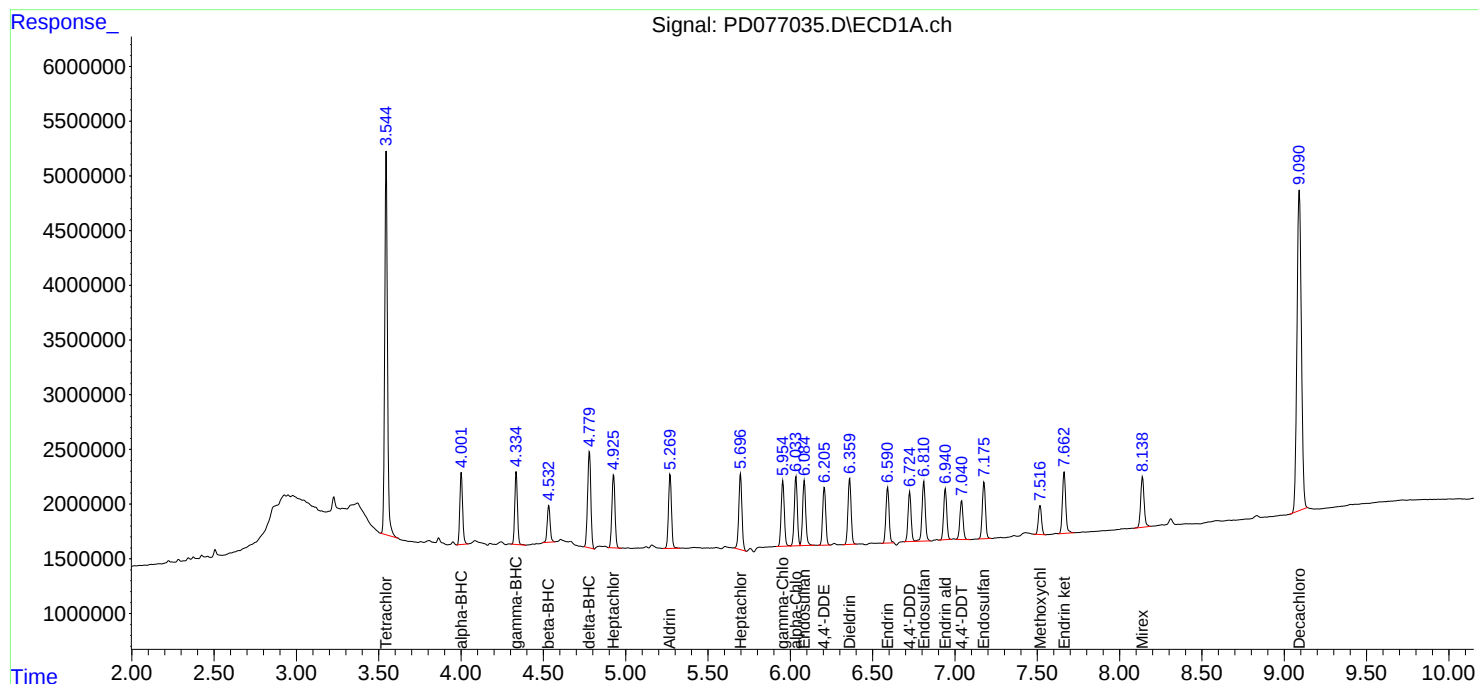
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

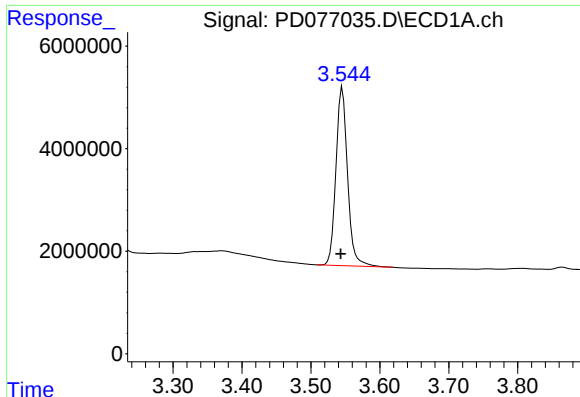
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
Data File : PD077035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 12:13
Operator : AR\AJ
Sample : 03572-07
Misc : PEST LOD 2.5PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 21:35:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

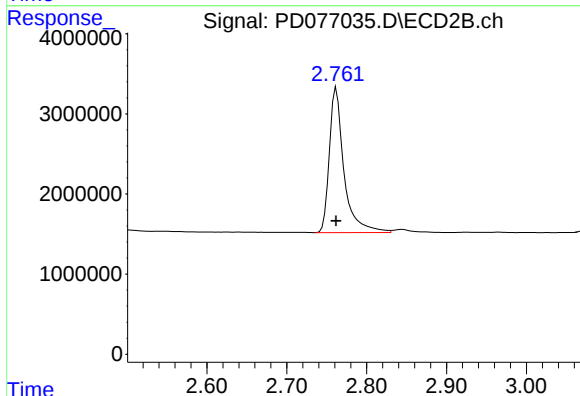




#1 Tetrachloro-m-xylene

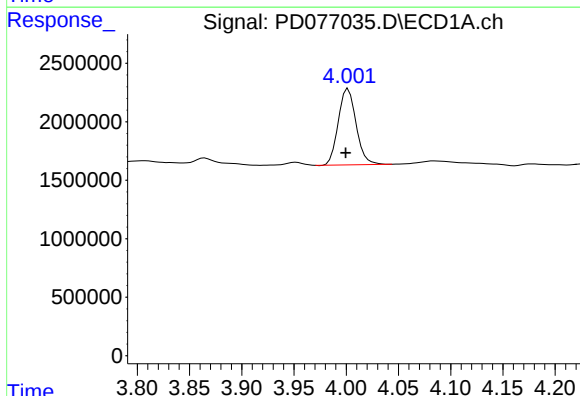
R.T.: 3.546 min
Delta R.T.: 0.003 min
Response: 40672069
Conc: 17.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



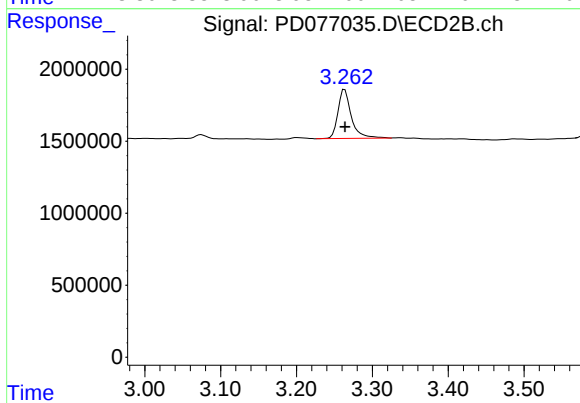
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 23003829
Conc: 16.89 ng/ml



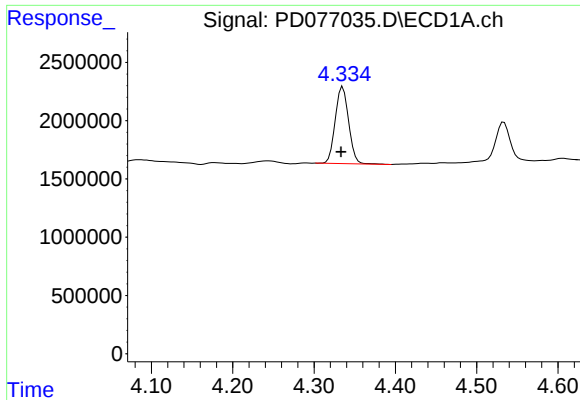
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 7720031
Conc: 2.01 ng/ml



#2 alpha-BHC

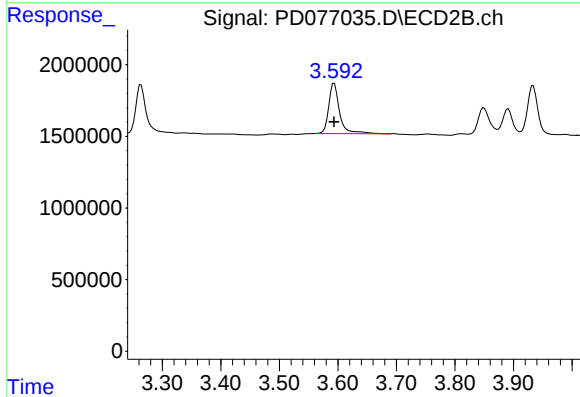
R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 4171418
Conc: 2.16 ng/ml



#3 gamma-BHC (Lindane)

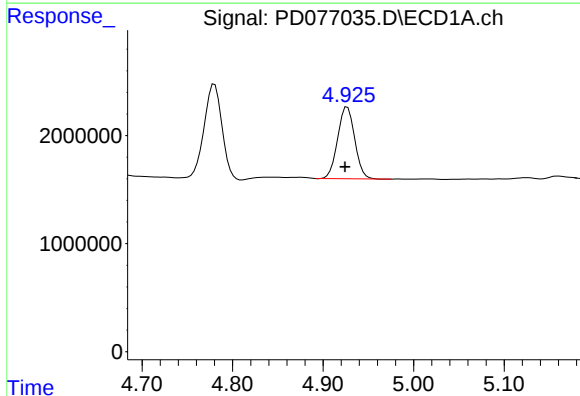
R.T.: 4.335 min
Delta R.T.: 0.002 min
Response: 7561606
Conc: 2.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



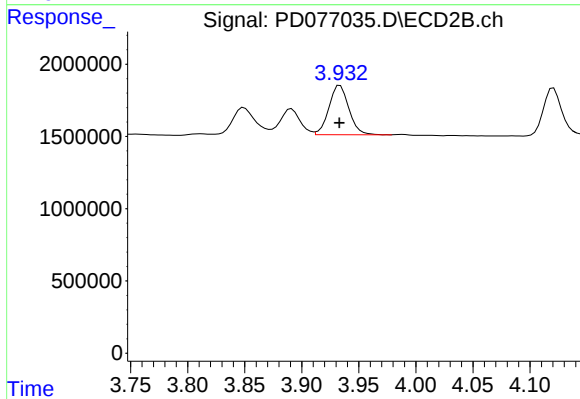
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 4514711
Conc: 2.43 ng/ml



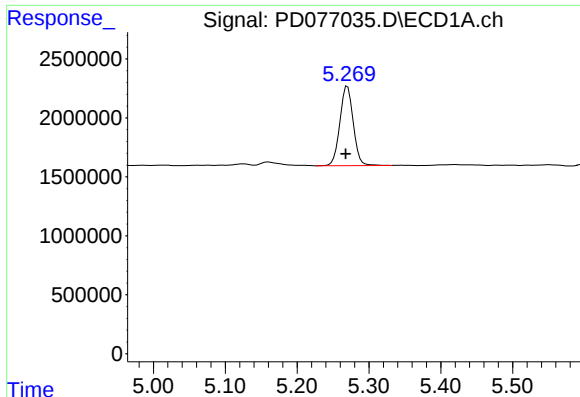
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.003 min
Response: 8715621
Conc: 2.42 ng/ml



#4 Heptachlor

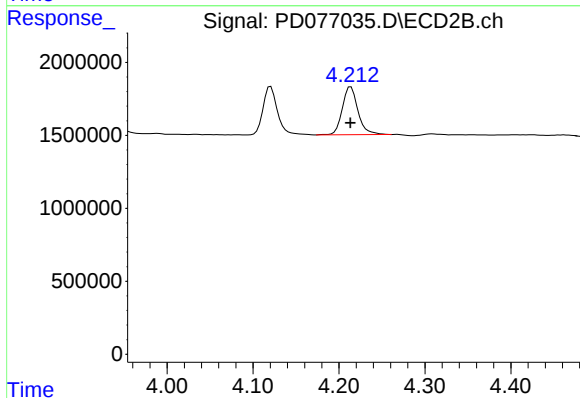
R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 4151718
Conc: 2.29 ng/ml



#5 Aldrin

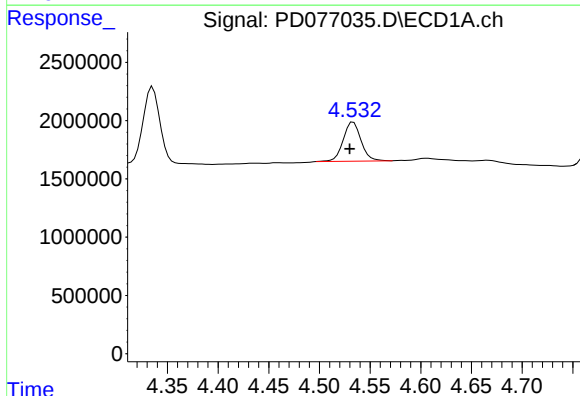
R.T.: 5.270 min
Delta R.T.: 0.002 min
Response: 8690086
Conc: 2.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



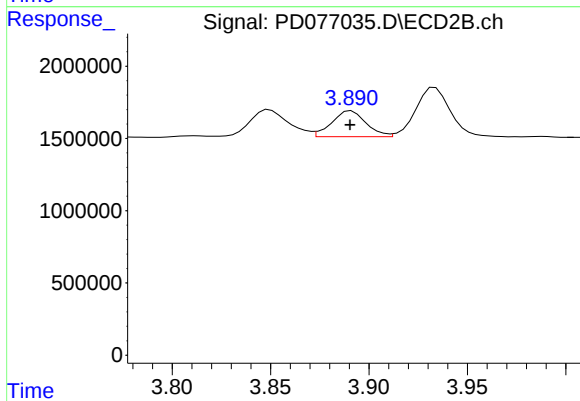
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 4161529
Conc: 2.25 ng/ml



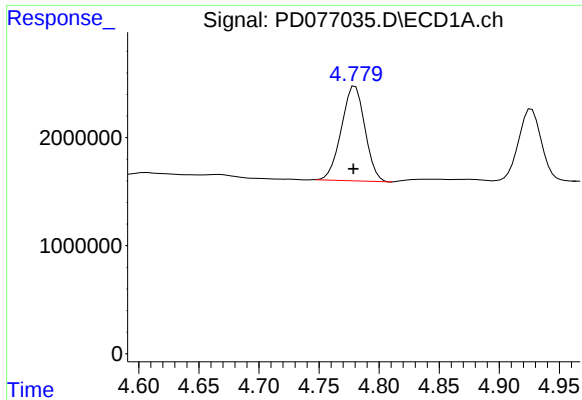
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.004 min
Response: 4119944
Conc: 2.74 ng/ml



#6 beta-BHC

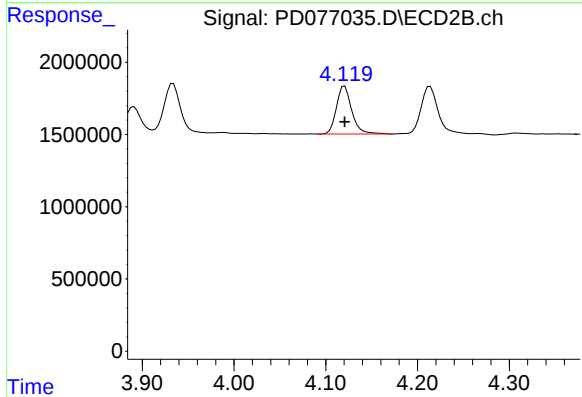
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 2173545
Conc: 2.85 ng/ml



#7 delta-BHC

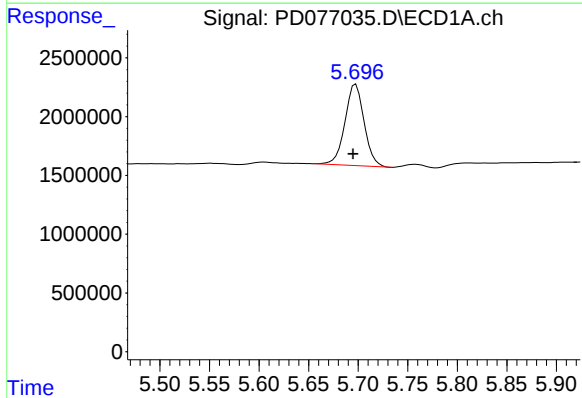
R.T.: 4.780 min
Delta R.T.: 0.001 min
Response: 11967632
Conc: 3.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



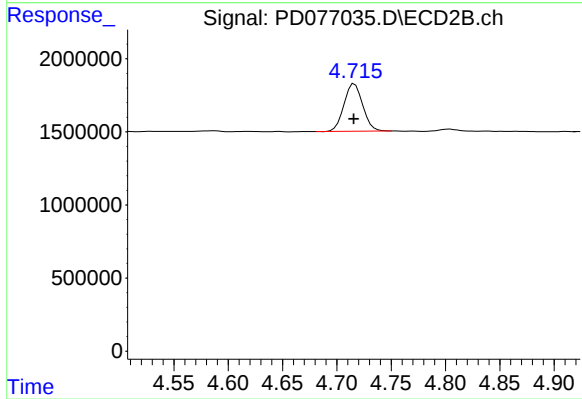
#7 delta-BHC

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 3863060
Conc: 2.17 ng/ml



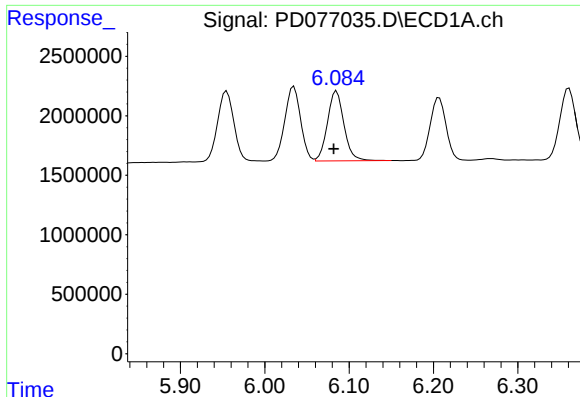
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.003 min
Response: 9317924
Conc: 2.81 ng/ml



#8 Heptachlor epoxide

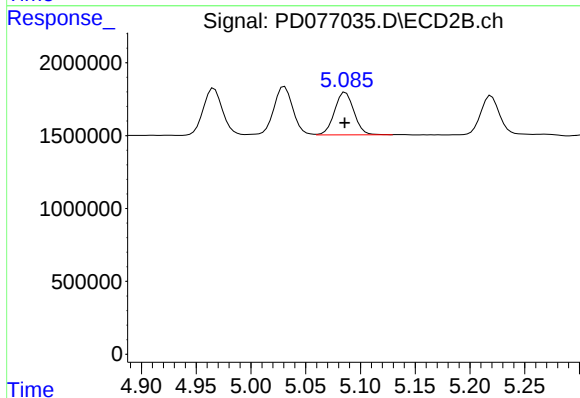
R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 3905994
Conc: 2.34 ng/ml



#9 Endosulfan I

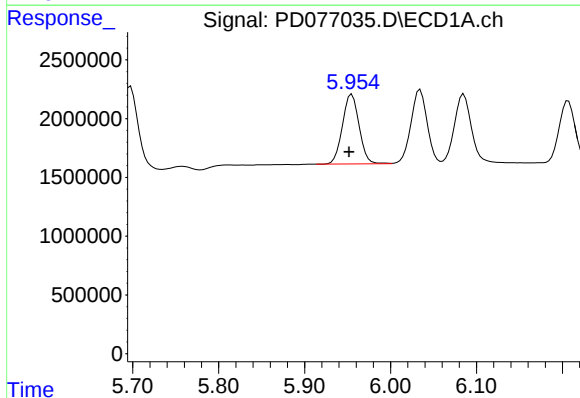
R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 8024032
Conc: 2.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



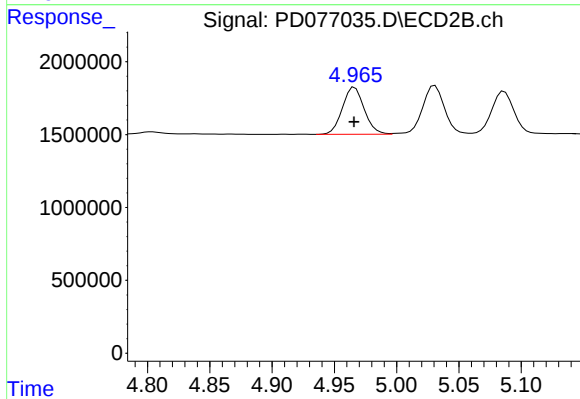
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 3600803
Conc: 2.31 ng/ml



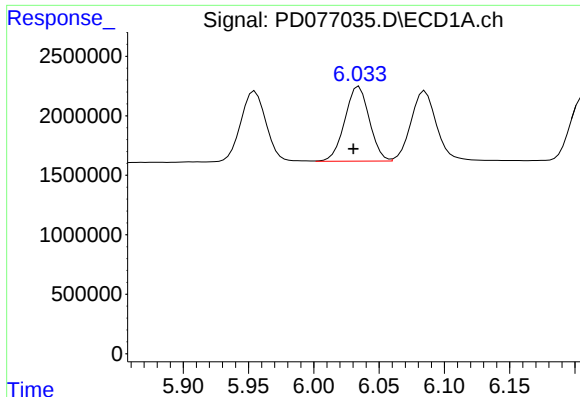
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 8008906
Conc: 2.46 ng/ml



#10 gamma-Chlordane

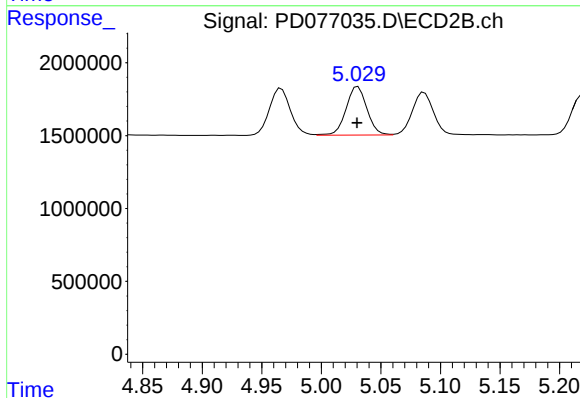
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 3948707
Conc: 2.38 ng/ml



#11 alpha-Chlordane

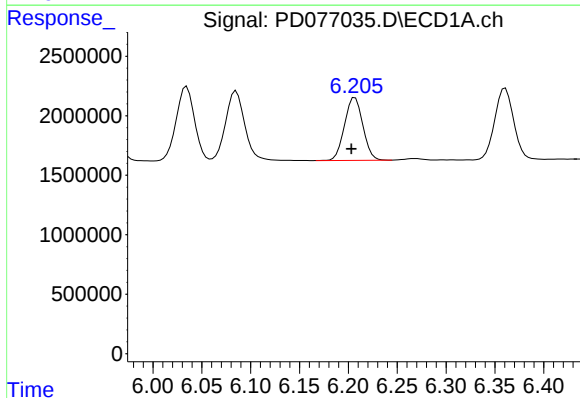
R.T.: 6.035 min
Delta R.T.: 0.004 min
Response: 8237900
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



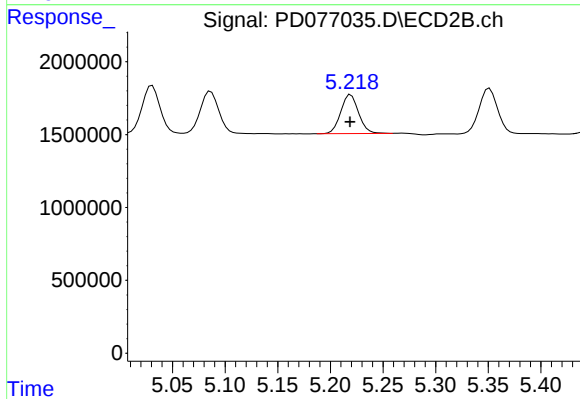
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 4056547
Conc: 2.43 ng/ml



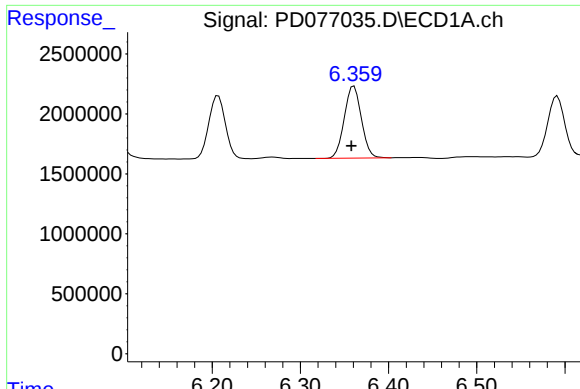
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.004 min
Response: 6909897
Conc: 2.33 ng/ml



#12 4,4'-DDE

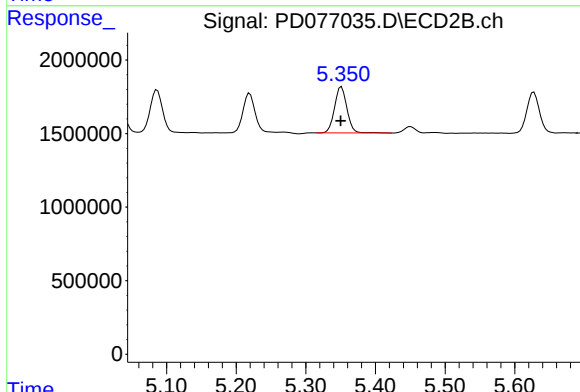
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 3168636
Conc: 2.19 ng/ml



#13 Dieldrin

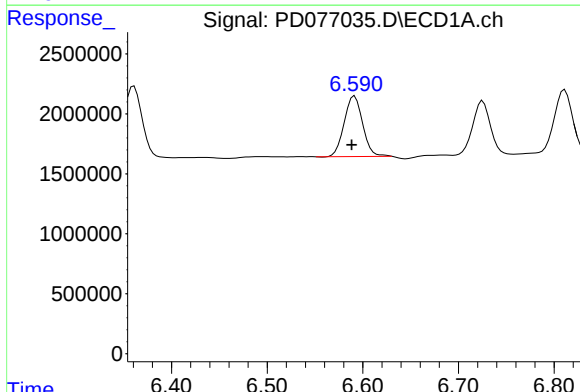
R.T.: 6.361 min
Delta R.T.: 0.003 min
Response: 8083804
Conc: 2.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



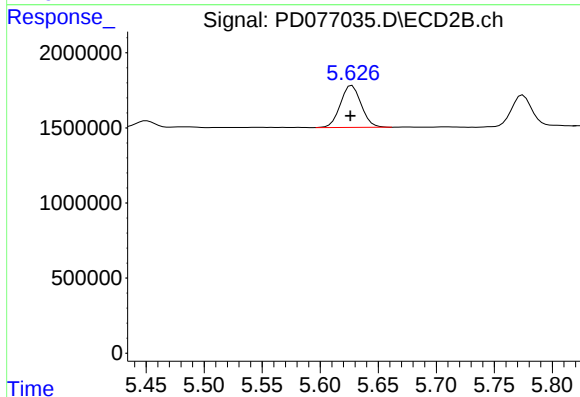
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 3893603
Conc: 2.31 ng/ml



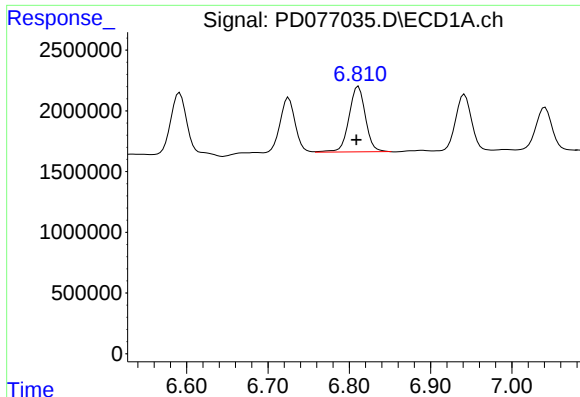
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.003 min
Response: 6802844
Conc: 2.45 ng/ml



#14 Endrin

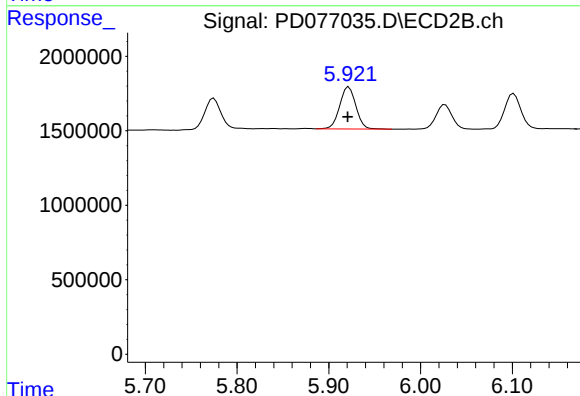
R.T.: 5.628 min
Delta R.T.: 0.001 min
Response: 3481328
Conc: 2.38 ng/ml



#15 Endosulfan II

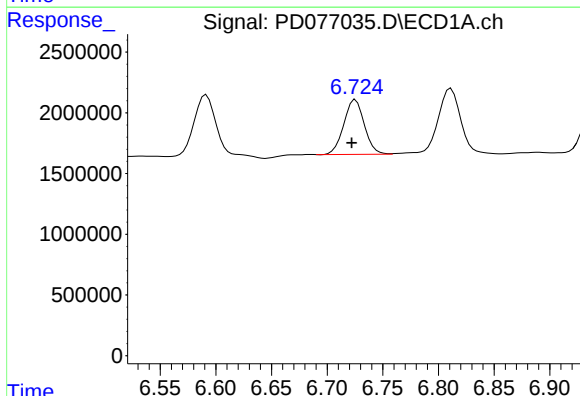
R.T.: 6.811 min
Delta R.T.: 0.003 min
Response: 7555631
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



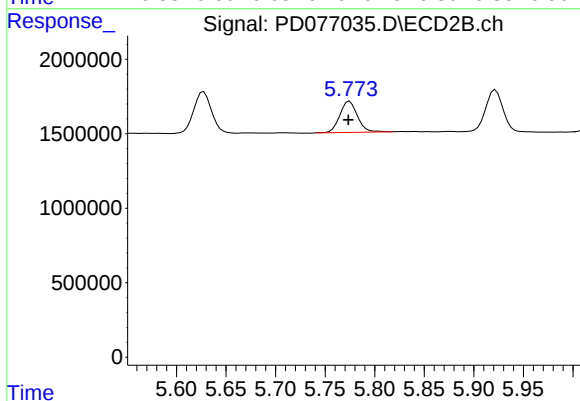
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.001 min
Response: 3474478
Conc: 2.36 ng/ml



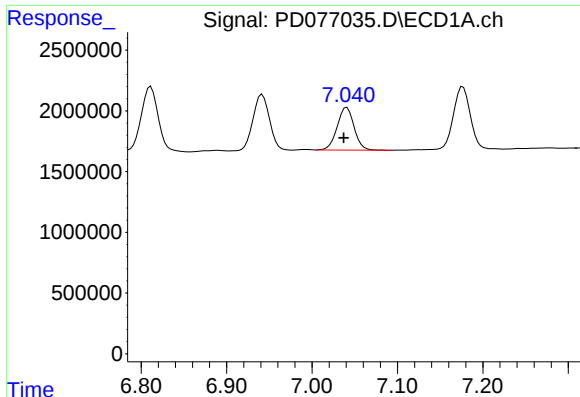
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.003 min
Response: 5783347
Conc: 2.46 ng/ml



#16 4,4'-DDD

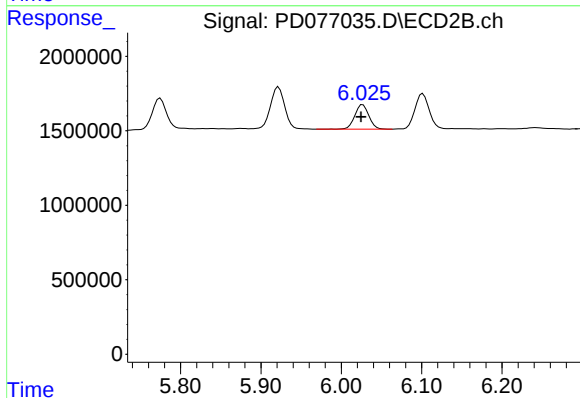
R.T.: 5.775 min
Delta R.T.: 0.001 min
Response: 2581082
Conc: 2.32 ng/ml



#17 4,4'-DDT

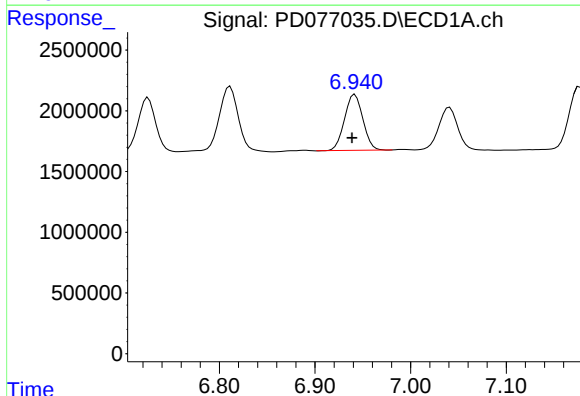
R.T.: 7.041 min
Delta R.T.: 0.004 min
Response: 4880249
Conc: 2.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



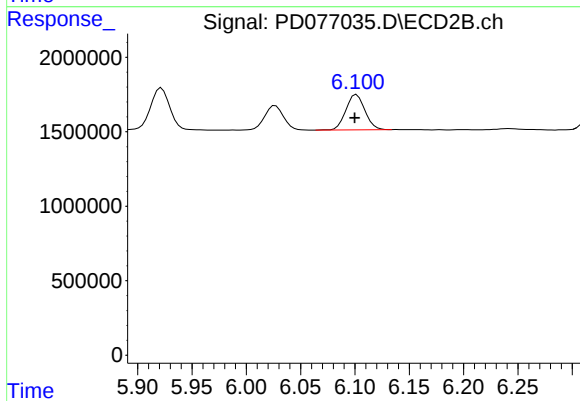
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 2013573
Conc: 1.81 ng/ml



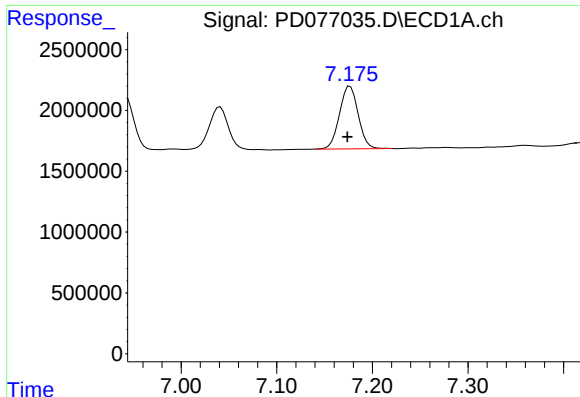
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.003 min
Response: 6167224
Conc: 2.82 ng/ml



#18 Endrin aldehyde

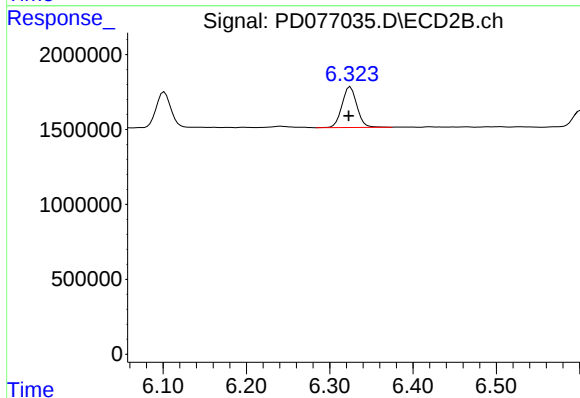
R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 2889907
Conc: 2.54 ng/ml



#19 Endosulfan Sulfate

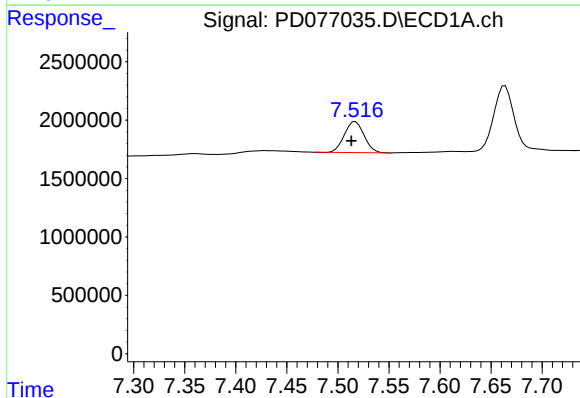
R.T.: 7.177 min
Delta R.T.: 0.003 min
Response: 7022510
Conc: 2.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



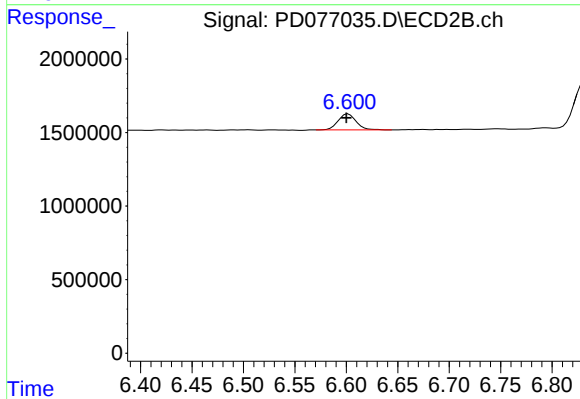
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 3384508
Conc: 2.54 ng/ml



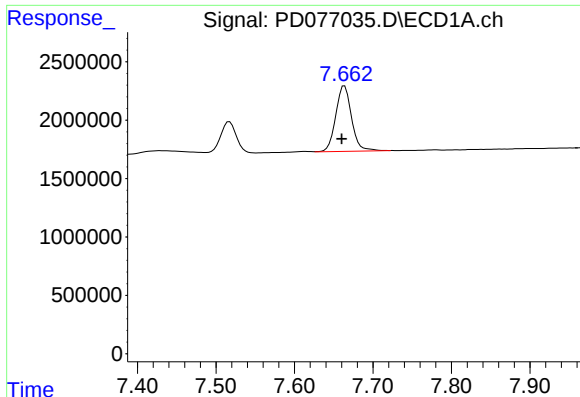
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.004 min
Response: 3569514
Conc: 2.52 ng/ml



#20 Methoxychlor

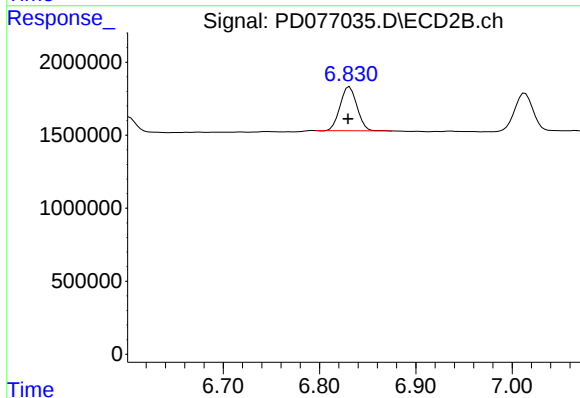
R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 1334577
Conc: 2.23 ng/ml



#21 Endrin ketone

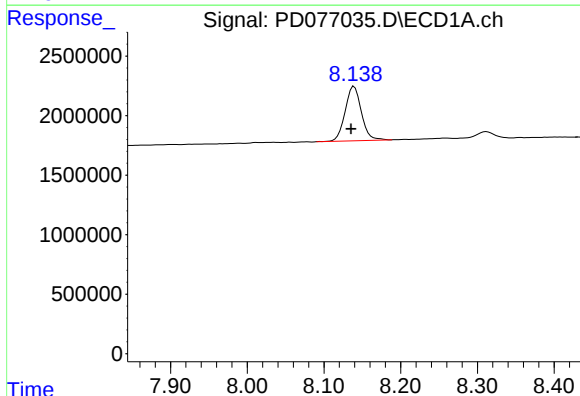
R.T.: 7.664 min
Delta R.T.: 0.003 min
Response: 7866292
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



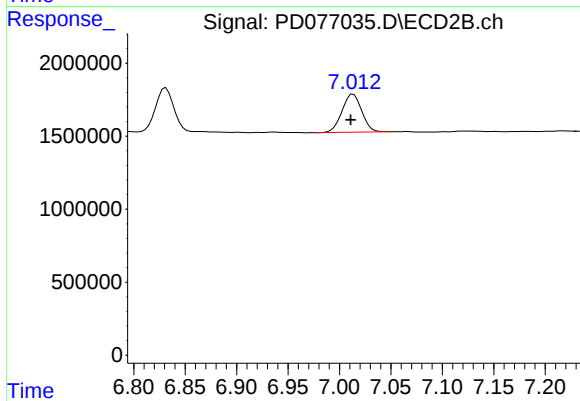
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 3671923
Conc: 2.32 ng/ml



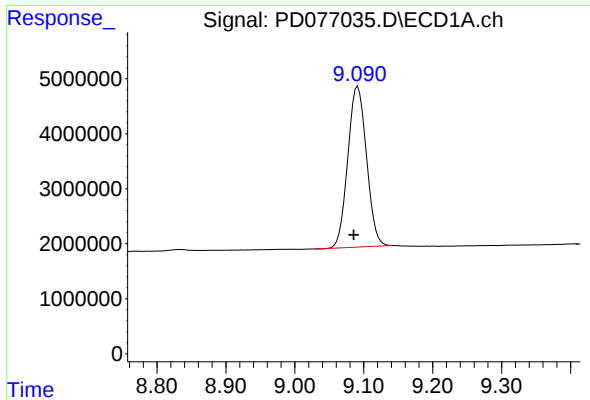
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.004 min
Response: 6788305
Conc: 2.98 ng/ml



#22 Mirex

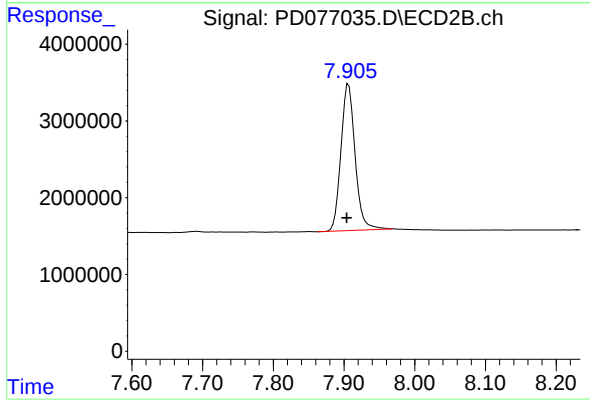
R.T.: 7.013 min
Delta R.T.: 0.003 min
Response: 3473281
Conc: 2.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.006 min
Response: 55095083
Conc: 20.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 26556284
Conc: 18.56 ng/ml