

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 18:35
 Operator : AR\AJ
 Sample : Q3530-07
 Misc : PEST LOD 1PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 04:58:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 2025
 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...	3.540	2.870	72720935	928.6E6	20.937	23.566
28)	SA Decachlor...	9.059	8.055	116.2E6	1097.3E6	22.356	26.497
Target Compounds							
2)	A alpha-BHC	3.988	3.382	7309094	89805793	0.908	1.317 #
3)	MA gamma-BHC...	4.319	3.717	7666706	80770106	1.020	1.436 #
4)	MA Heptachlor	4.916	4.069	8376489	85102012	1.180	1.460
5)	MB Aldrin	5.258	4.354	8029509	84711561	1.154	1.461 #
6)	B beta-BHC	4.507	4.014	3474681	38292656	1.204	1.598 #
7)	B delta-BHC	4.757	4.250	12328192	82591513	2.061	1.379 #
8)	B Heptachlo...	5.678	4.858	9006814	74541974	1.455	1.473
9)	A Endosulfan I	6.061	5.232	7696294	79753907	1.260	1.628 #
10)	B gamma-Chl...	5.934	5.110	7668026	100.2E6	1.202	1.795 #
11)	B alpha-Chl...	6.014	5.175	9760690	89870427	1.453	1.678
12)	B 4,4'-DDE	6.184	5.359	6261165	79494643	1.078	1.450 #
13)	MA Dieldrin	6.335	5.497	7224605	76843659	1.110	1.385
14)	MA Endrin	6.562	5.774	5717418	81693229	1.019	1.563 #
15)	B Endosulfa...	6.775	6.065	5642264	67901439	0.928	1.441 #
16)	A 4,4'-DDD	6.694	5.913	3138957	34135863	0.682	0.750
17)	MA 4,4'-DDT	7.010	6.167	4813270	58280198	0.933	1.230 #
18)	B Endrin al...	6.904	6.244	5406486	54699729	1.294	1.533
19)	B Endosulfa...	7.138	6.468	6467458	67198674	1.225	1.458
20)	A Methoxychlor	7.484	6.738	3024191	30748581	1.125	1.303
21)	B Endrin ke...	7.620	6.976	6916123	70633737	1.228	1.452
22)	Mirex	8.102	7.168	5218883	48319040	1.405	1.474
23)	Chlordane-1	0.000	3.870f	0	2402532	N.D.	1.608 #
24)	Chlordane-2	5.258f	4.482	8029509	4601896	39.253	2.915 #
25)	Chlordane-3	5.934	5.110	7668026	100.2E6	9.357	19.671 #
26)	Chlordane-4	6.014	5.175	9760690	89870427	9.611	21.054 #
27)	Chlordane-5	0.000	6.065	0	67901439	N.D.	35.811 #

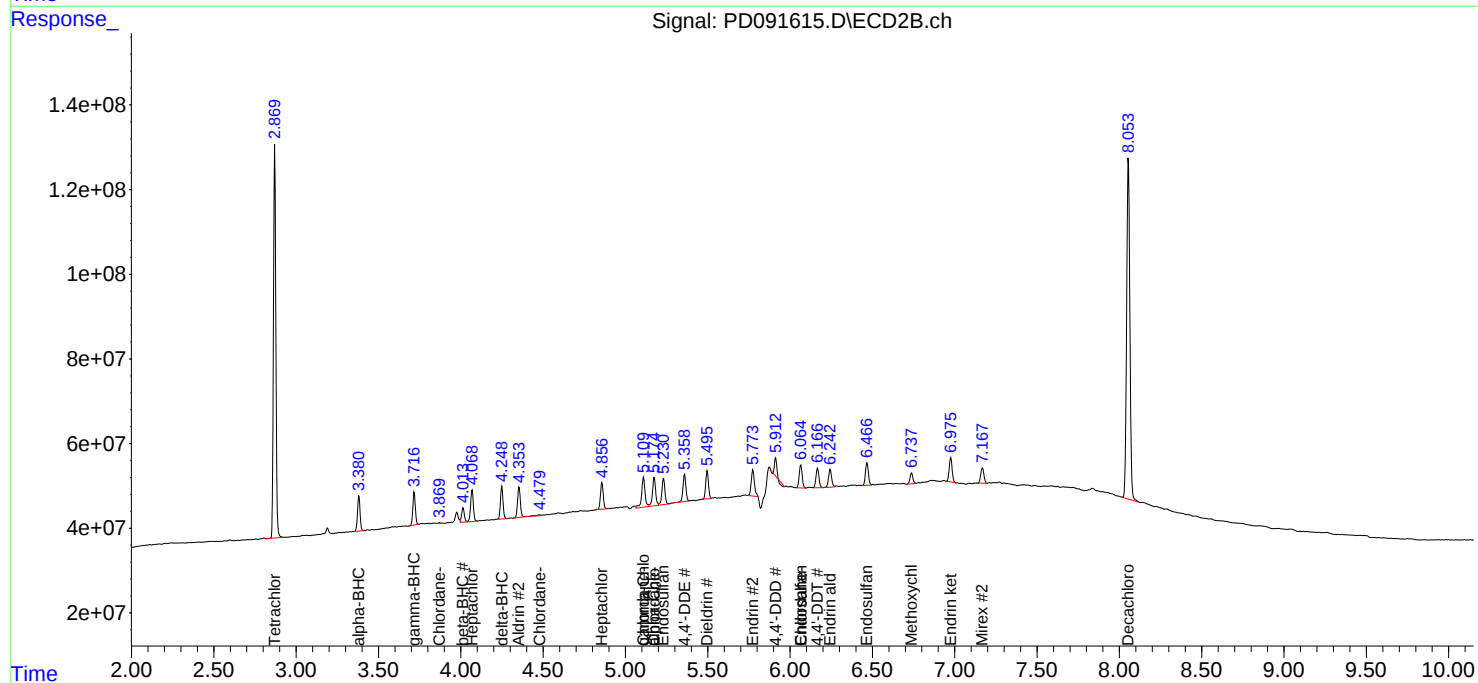
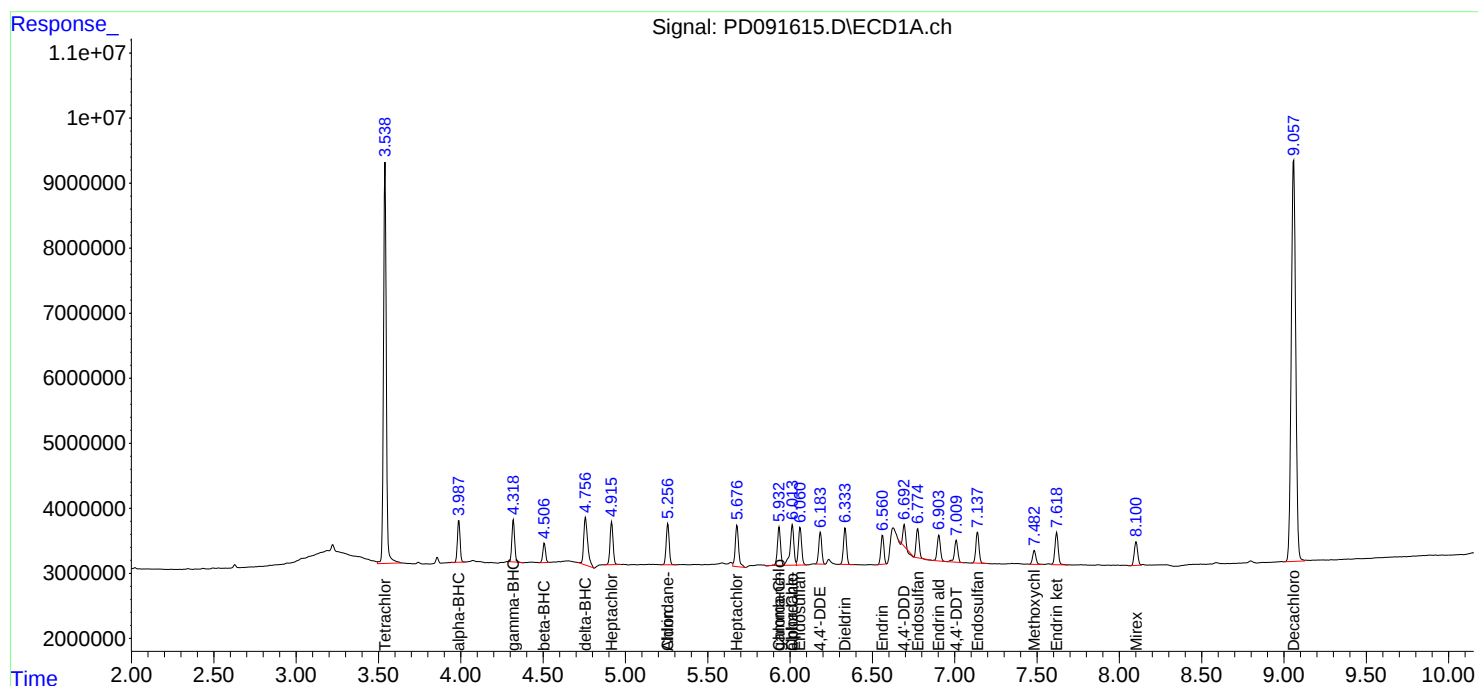
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

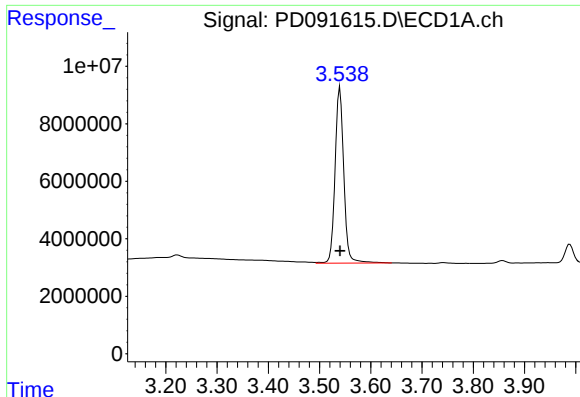
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 18:35
Operator : AR\AJ
Sample : Q3530-07
Misc : PEST LOD 1PPB
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 2025
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

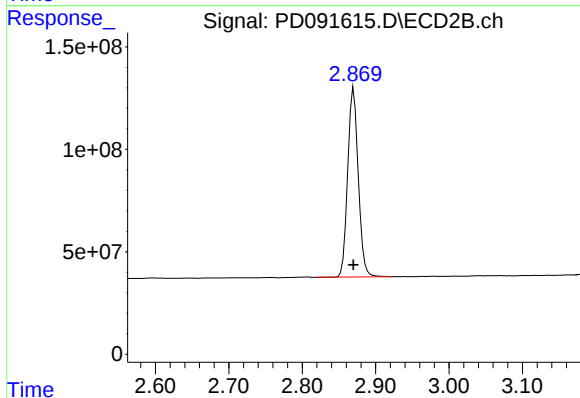




#1 Tetrachloro-m-xylene

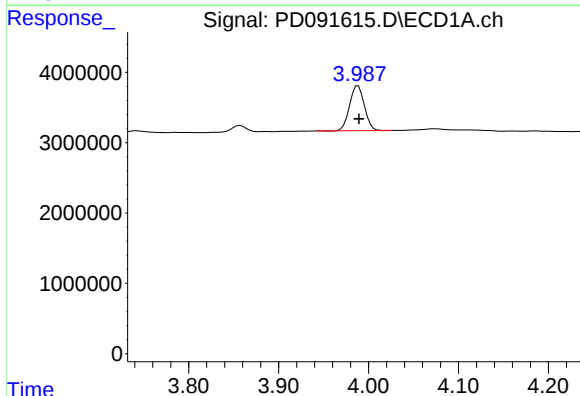
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 72720935
Conc: 20.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



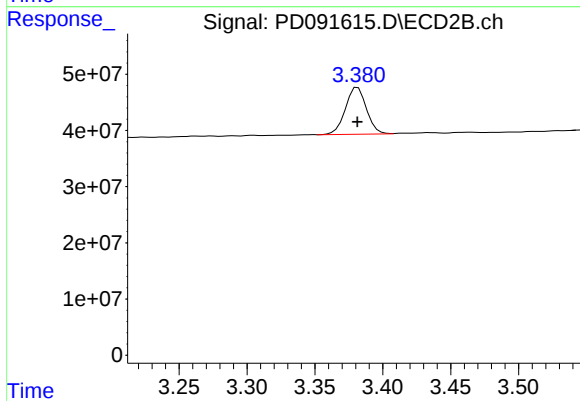
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 928557586
Conc: 23.57 ng/ml



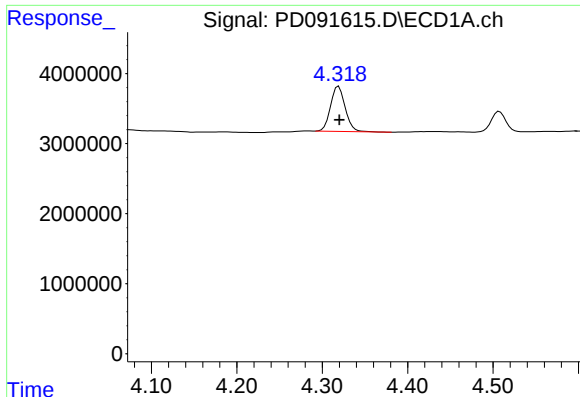
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 7309094
Conc: 0.91 ng/ml



#2 alpha-BHC

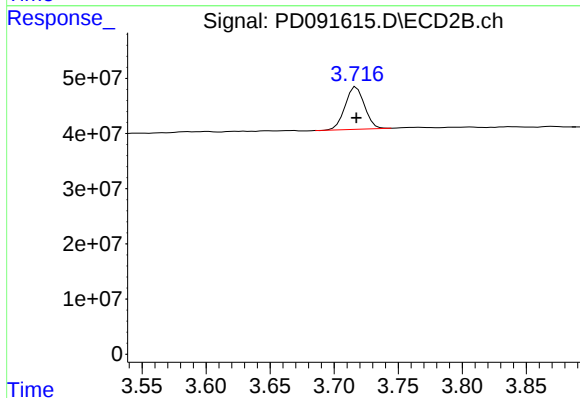
R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 89805793
Conc: 1.32 ng/ml



#3 gamma-BHC (Lindane)

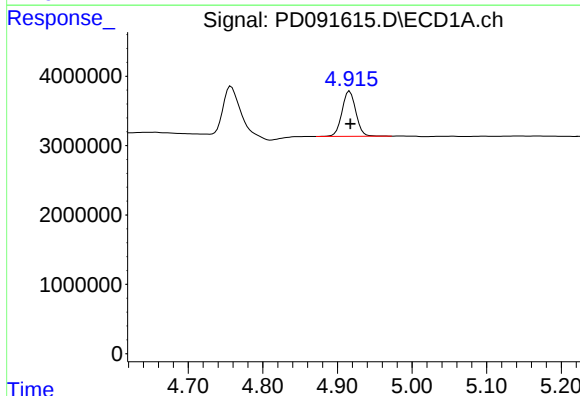
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 7666706
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



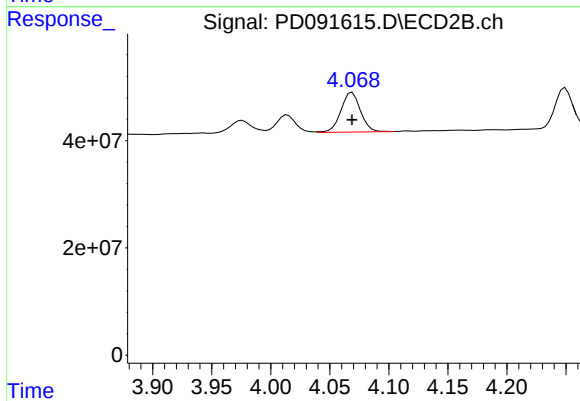
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 80770106
Conc: 1.44 ng/ml



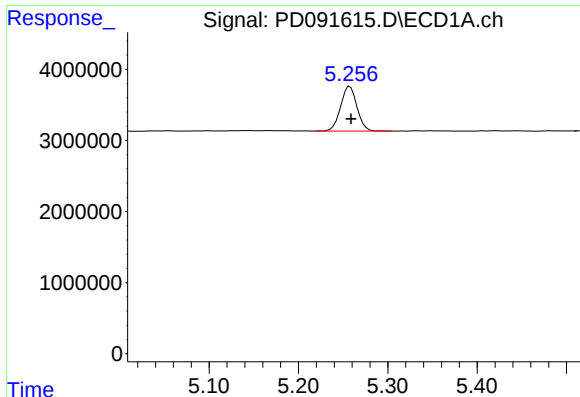
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 8376489
Conc: 1.18 ng/ml



#4 Heptachlor

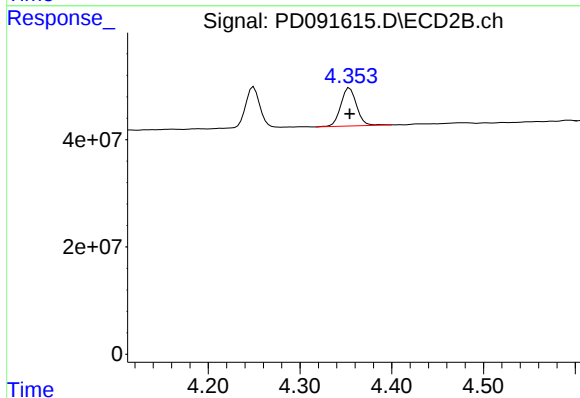
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 85102012
Conc: 1.46 ng/ml



#5 Aldrin

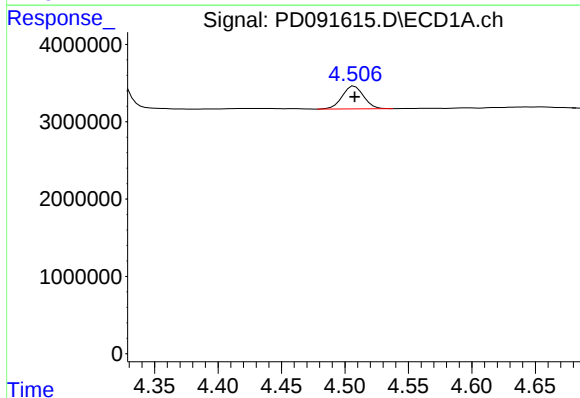
R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 8029509
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



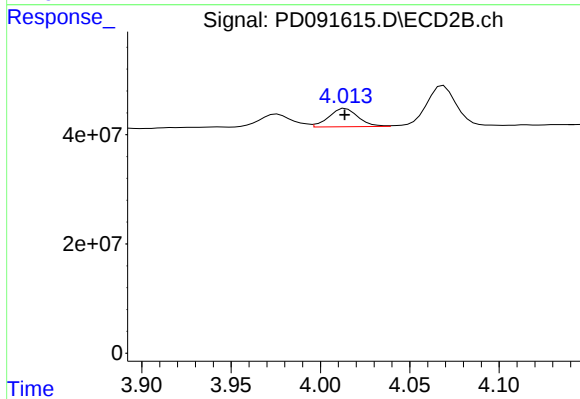
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 84711561
Conc: 1.46 ng/ml



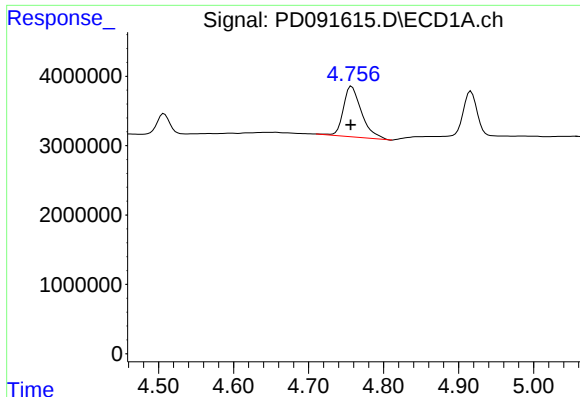
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 3474681
Conc: 1.20 ng/ml



#6 beta-BHC

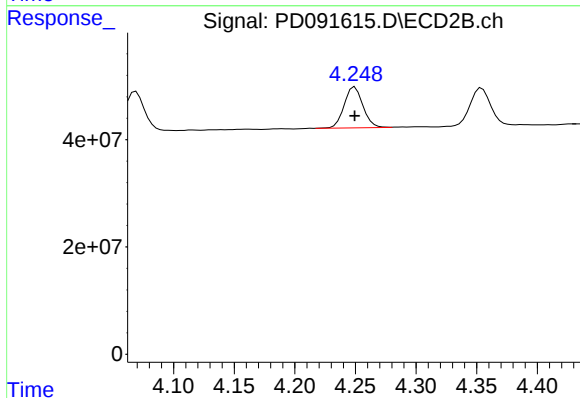
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 38292656
Conc: 1.60 ng/ml



#7 delta-BHC

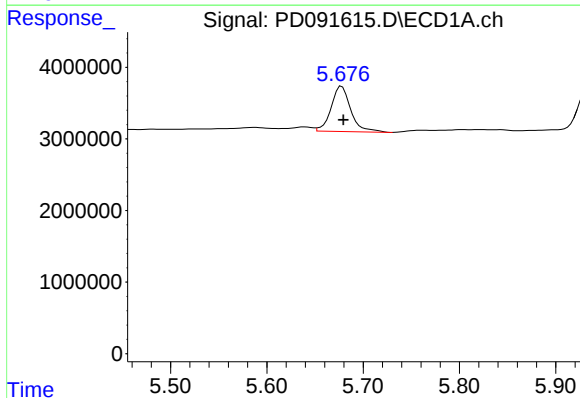
R.T.: 4.757 min
Delta R.T.: 0.001 min
Response: 12328192
Conc: 2.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



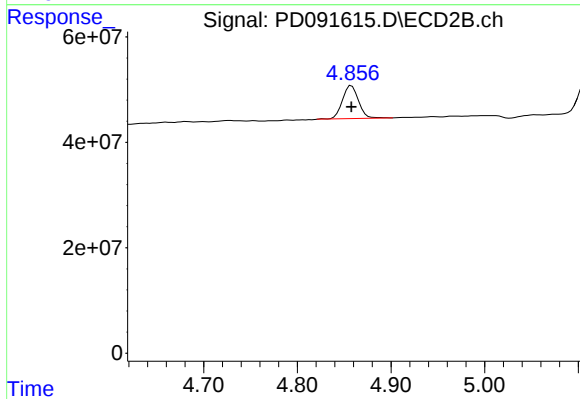
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 82591513
Conc: 1.38 ng/ml



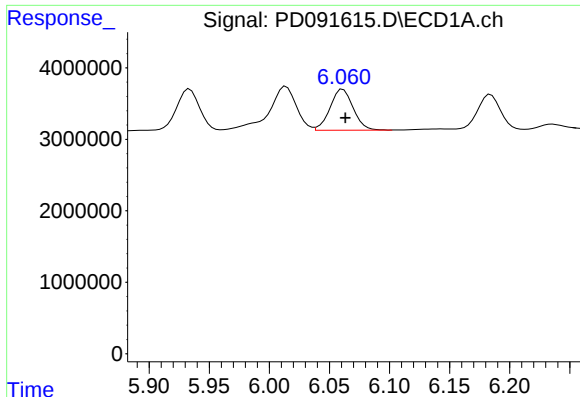
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 9006814
Conc: 1.45 ng/ml



#8 Heptachlor epoxide

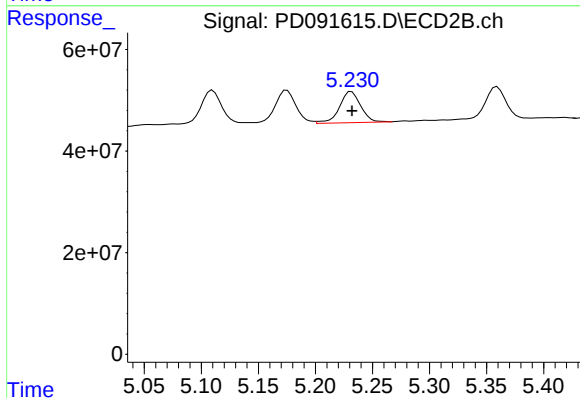
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 74541974
Conc: 1.47 ng/ml



#9 Endosulfan I

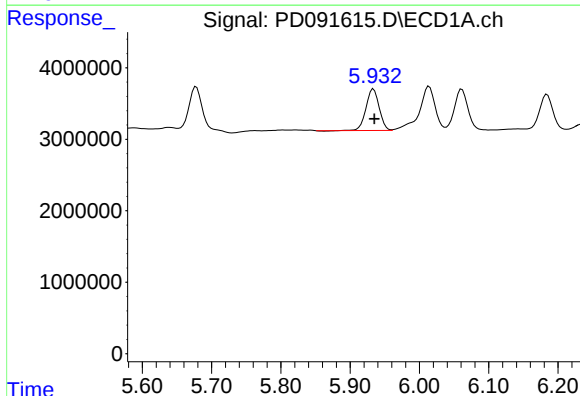
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 7696294
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



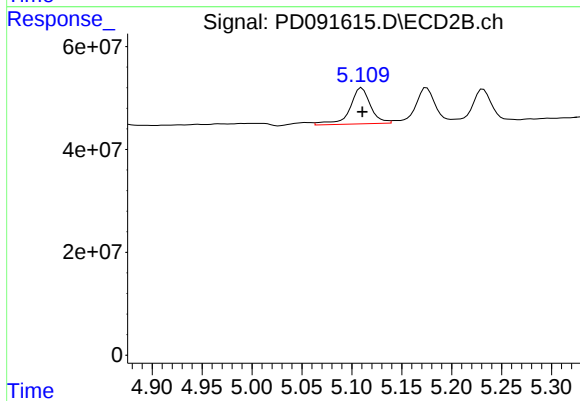
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 79753907
Conc: 1.63 ng/ml



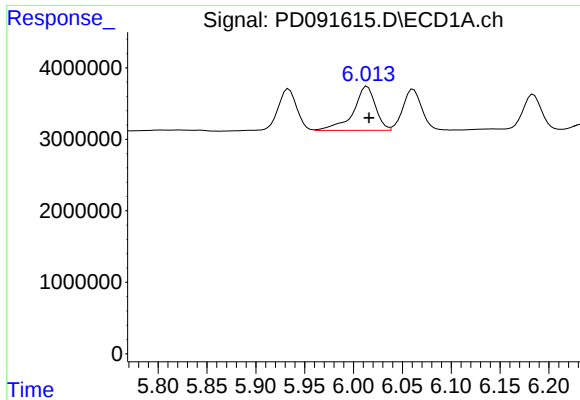
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 7668026
Conc: 1.20 ng/ml



#10 gamma-Chlordane

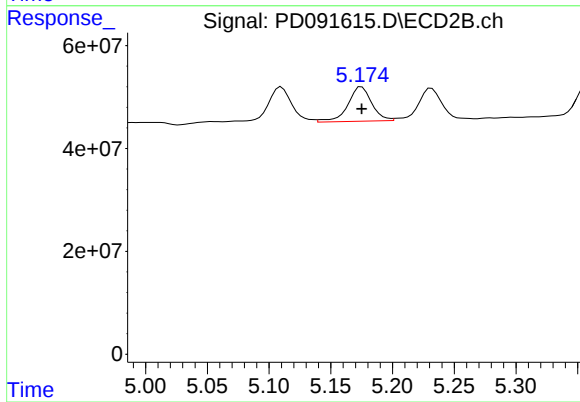
R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 100184390
Conc: 1.79 ng/ml



#11 alpha-Chlordane

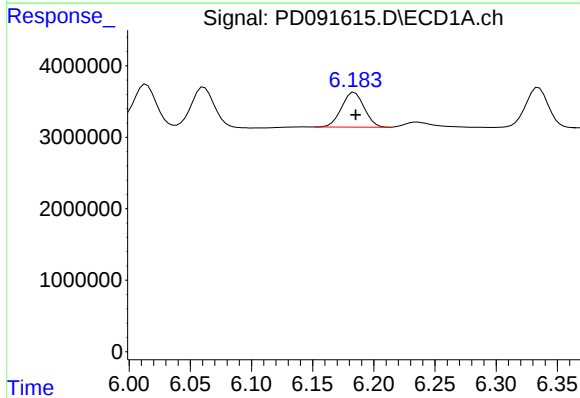
R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 9760690
Conc: 1.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



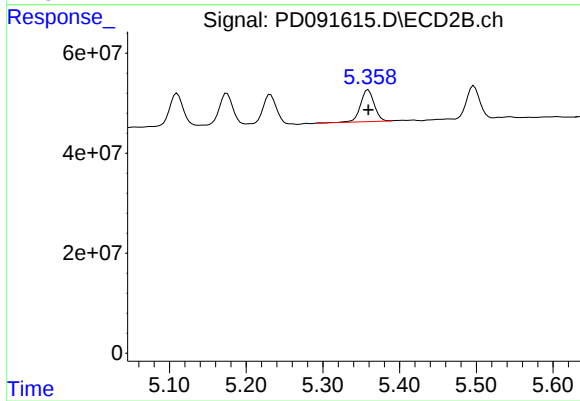
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 89870427
Conc: 1.68 ng/ml



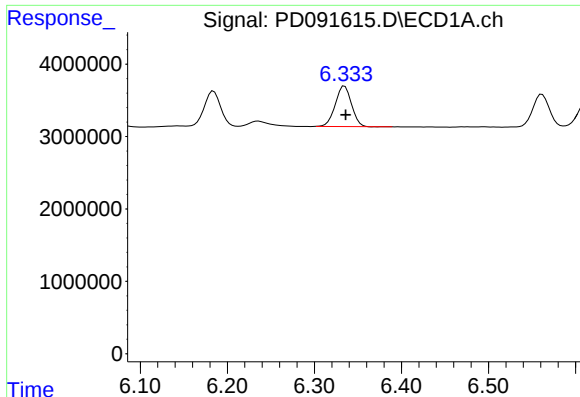
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 6261165
Conc: 1.08 ng/ml



#12 4,4'-DDE

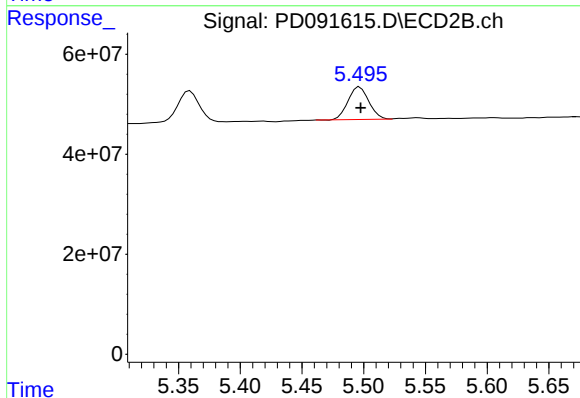
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 79494643
Conc: 1.45 ng/ml



#13 Dieldrin

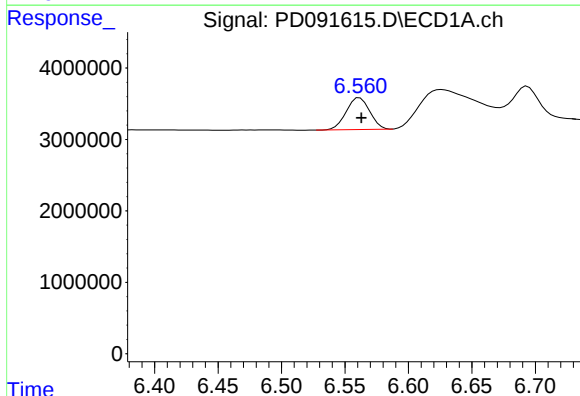
R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 7224605
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



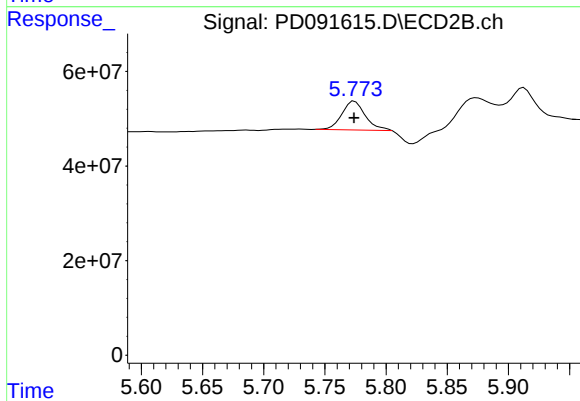
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 76843659
Conc: 1.39 ng/ml



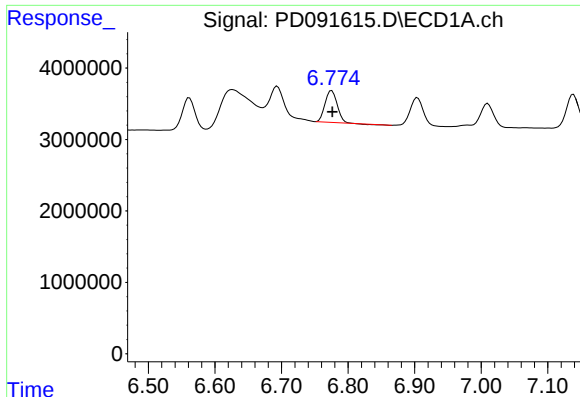
#14 Endrin

R.T.: 6.562 min
Delta R.T.: -0.001 min
Response: 5717418
Conc: 1.02 ng/ml



#14 Endrin

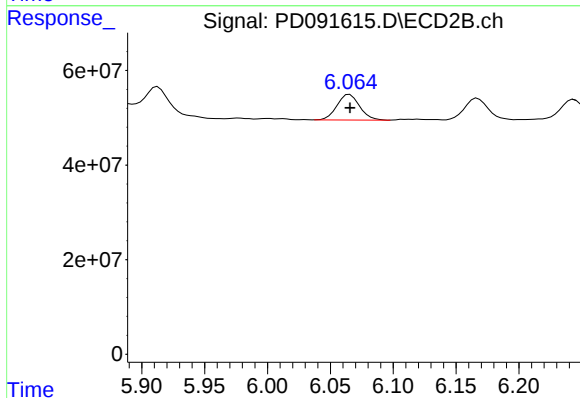
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 81693229
Conc: 1.56 ng/ml



#15 Endosulfan II

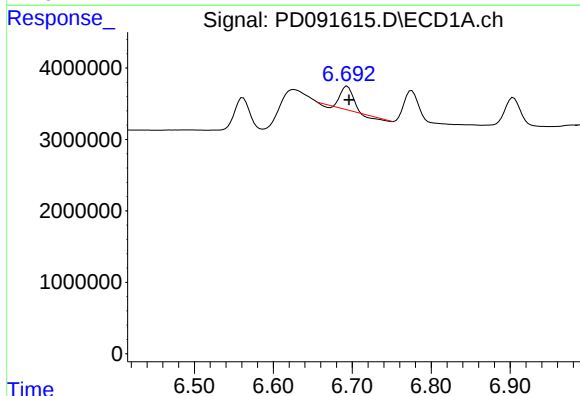
R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 5642264
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



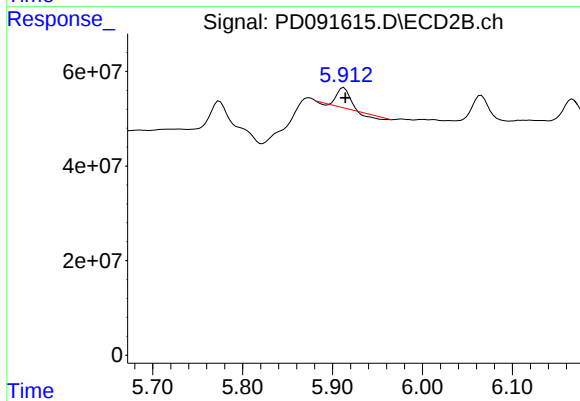
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 67901439
Conc: 1.44 ng/ml



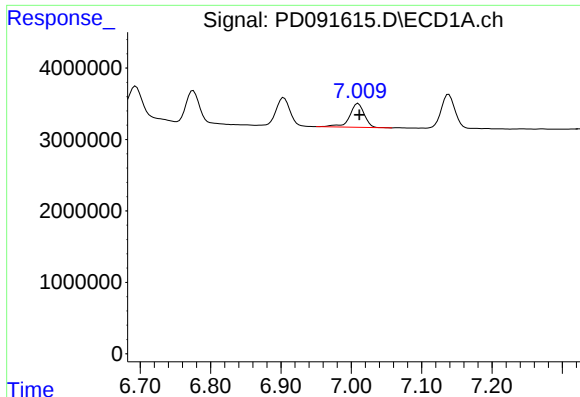
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.002 min
Response: 3138957
Conc: 0.68 ng/ml



#16 4,4'-DDD

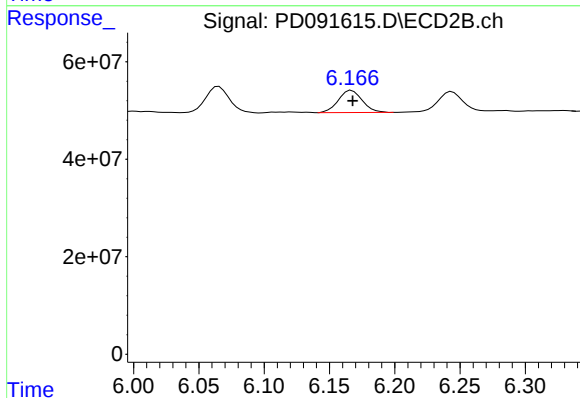
R.T.: 5.913 min
Delta R.T.: -0.002 min
Response: 34135863
Conc: 0.75 ng/ml



#17 4,4'-DDT

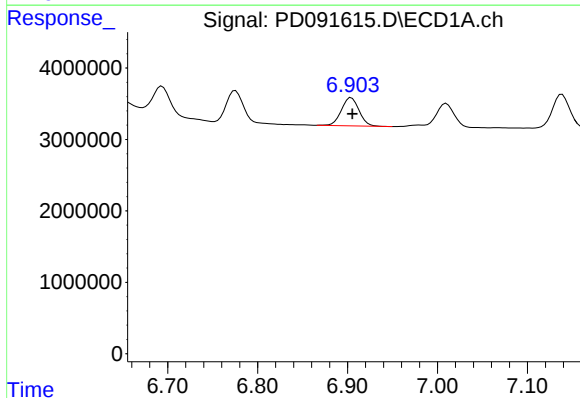
R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 4813270
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



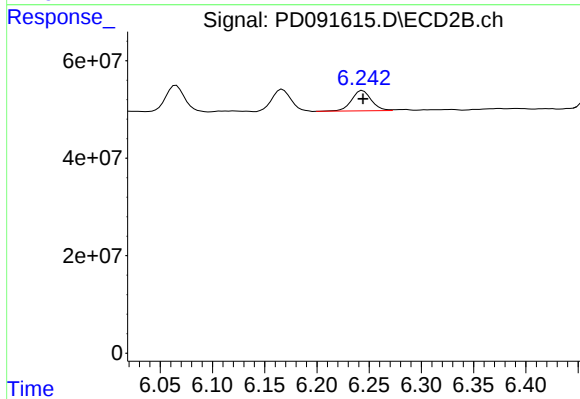
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 58280198
Conc: 1.23 ng/ml



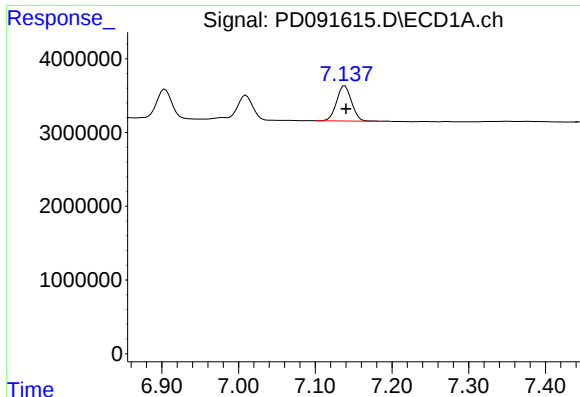
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 5406486
Conc: 1.29 ng/ml



#18 Endrin aldehyde

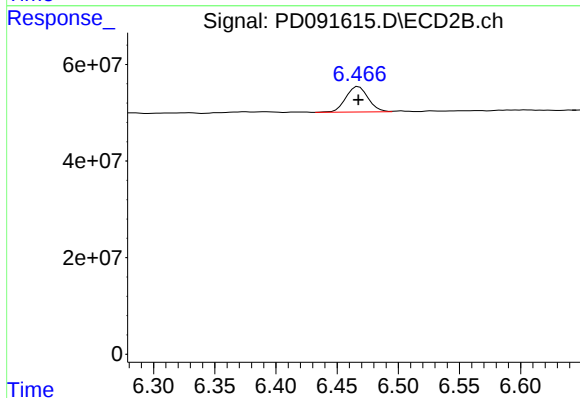
R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 54699729
Conc: 1.53 ng/ml



#19 Endosulfan Sulfate

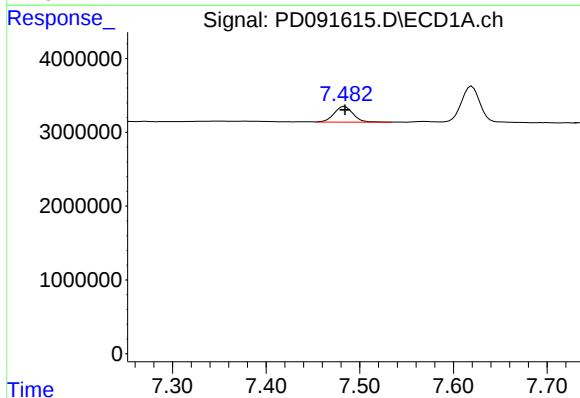
R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 6467458
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



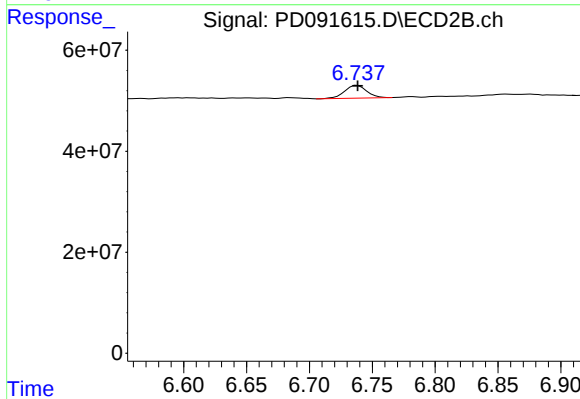
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 67198674
Conc: 1.46 ng/ml



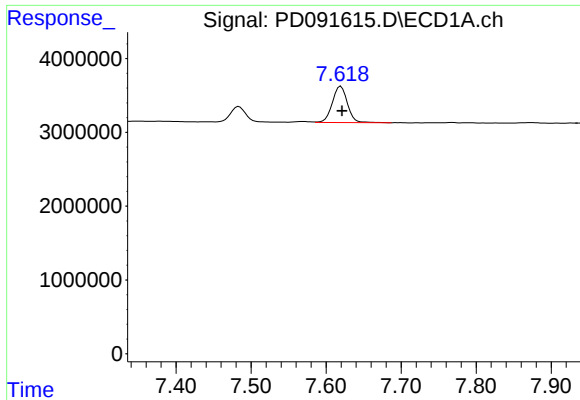
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 3024191
Conc: 1.13 ng/ml



#20 Methoxychlor

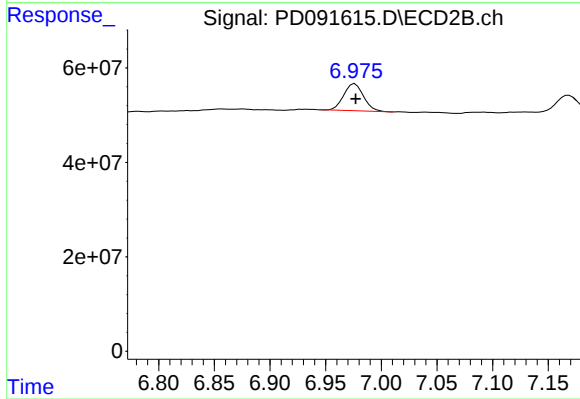
R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 30748581
Conc: 1.30 ng/ml



#21 Endrin ketone

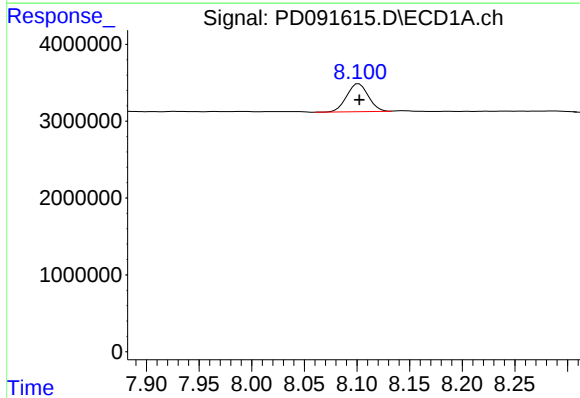
R.T.: 7.620 min
Delta R.T.: -0.001 min
Response: 6916123
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



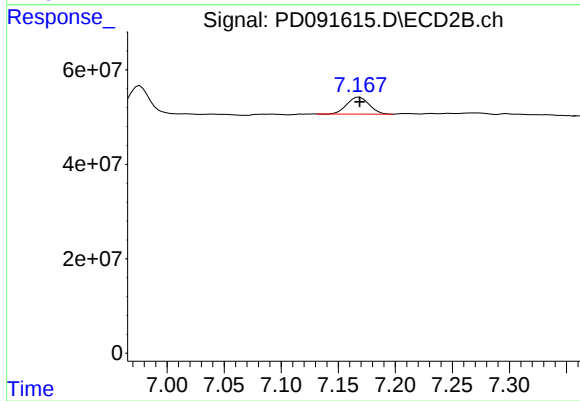
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 70633737
Conc: 1.45 ng/ml



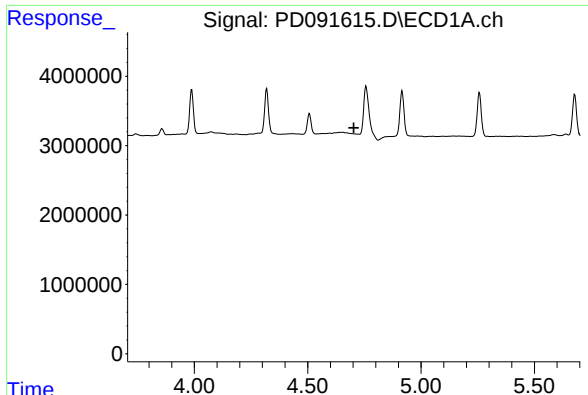
#22 Mirex

R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 5218883
Conc: 1.40 ng/ml



#22 Mirex

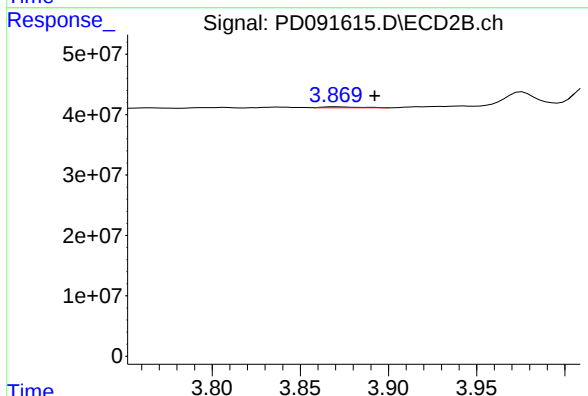
R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 48319040
Conc: 1.47 ng/ml



#23 Chlordane-1

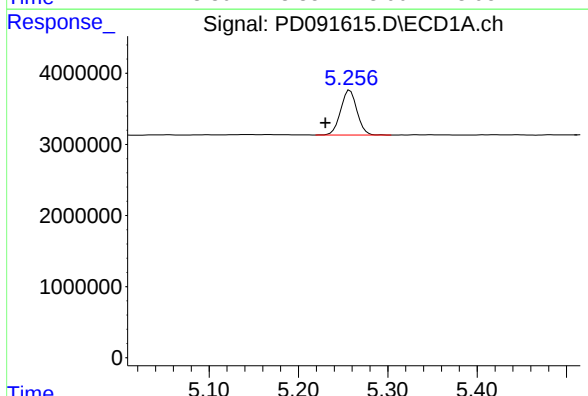
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



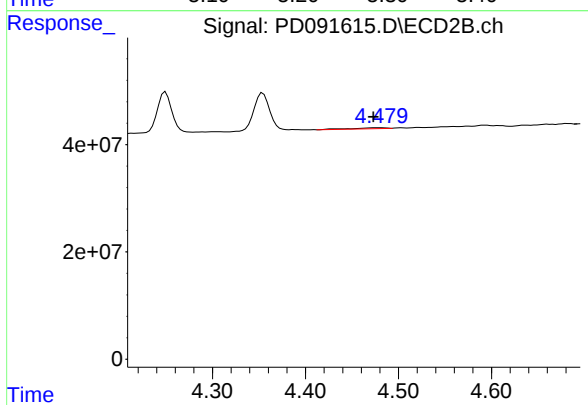
#23 Chlordane-1

R.T.: 3.870 min
Delta R.T.: -0.022 min
Response: 2402532
Conc: 1.61 ng/ml



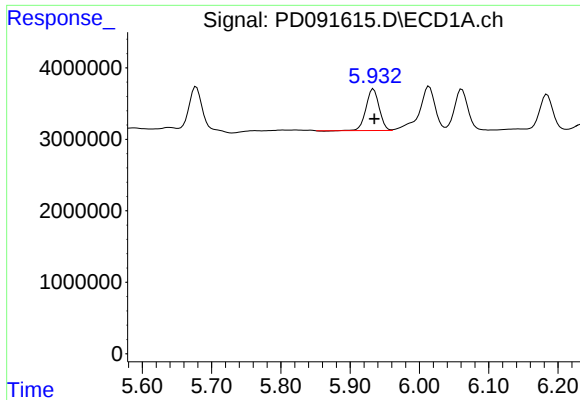
#24 Chlordane-2

R.T.: 5.258 min
Delta R.T.: 0.027 min
Response: 8029509
Conc: 39.25 ng/ml



#24 Chlordane-2

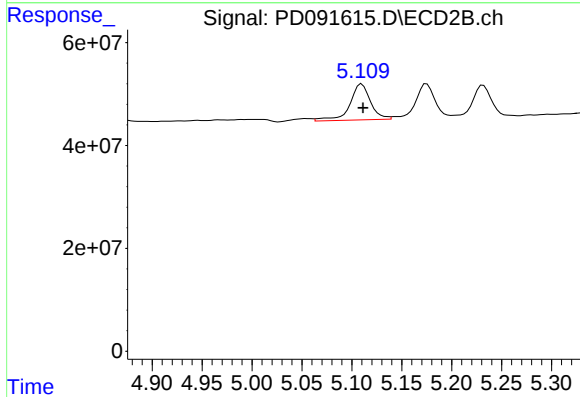
R.T.: 4.482 min
Delta R.T.: 0.008 min
Response: 4601896
Conc: 2.91 ng/ml



#25 Chlordane-3

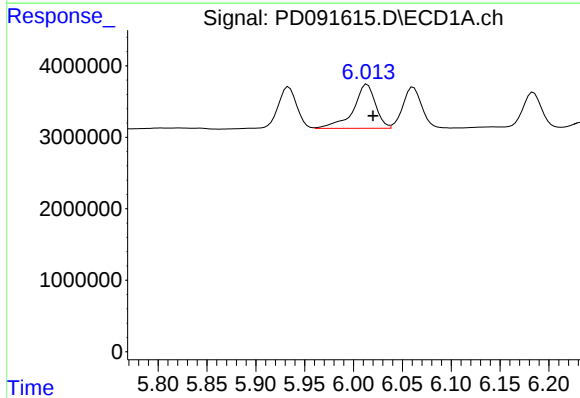
R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 7668026
Conc: 9.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



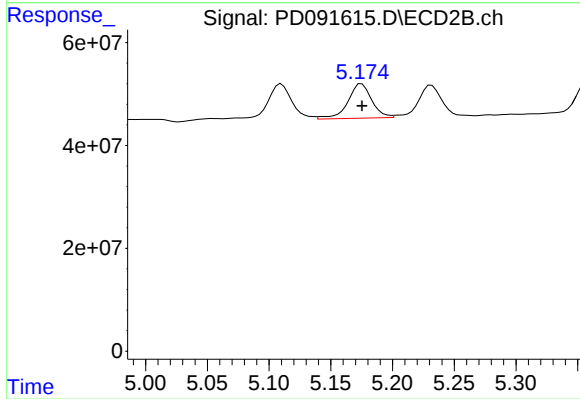
#25 Chlordane-3

R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 100184390
Conc: 19.67 ng/ml



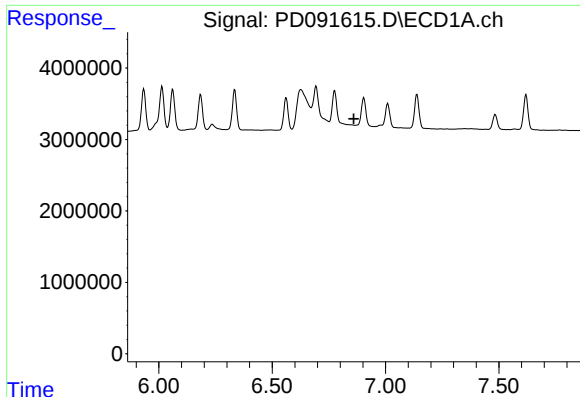
#26 Chlordane-4

R.T.: 6.014 min
Delta R.T.: -0.006 min
Response: 9760690
Conc: 9.61 ng/ml



#26 Chlordane-4

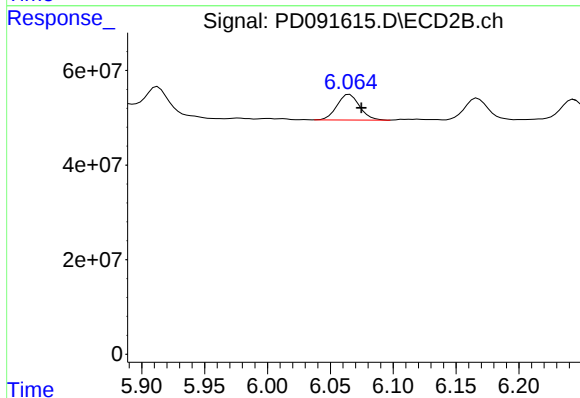
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 89870427
Conc: 21.05 ng/ml



#27 Chlordane-5

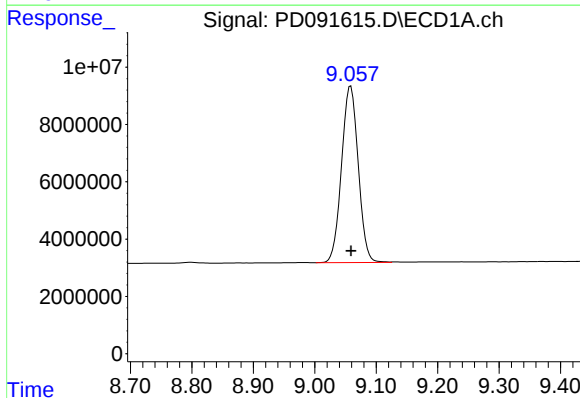
R.T.: 0.000 min
Exp R.T.: 6.860 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



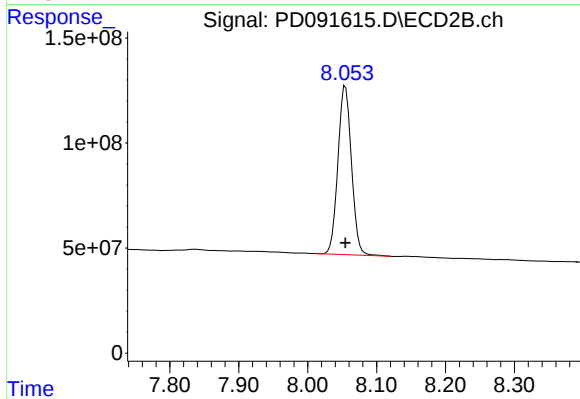
#27 Chlordane-5

R.T.: 6.065 min
Delta R.T.: -0.009 min
Response: 67901439
Conc: 35.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 116204570
Conc: 22.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 1097279659
Conc: 26.50 ng/ml