

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 13:24
 Operator : AR\AJ
 Sample : Q3544-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ONYX-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:25:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	71241372	419.6E6	22.877	14.092 #
28)	SA Decachlor...	9.063	8.058	58409993	400.3E6	12.486	13.214
Target Compounds							
2)	A alpha-BHC	3.993	3.385	347.1E6	2409.3E6	48.365	47.152
3)	MA gamma-BHC...	4.324	3.721	323.6E6	2165.0E6	47.591	45.821
4)	MA Heptachlor	4.921	4.073	328.8E6	2221.8E6	58.815	49.812
5)	MB Aldrin	5.262	4.358	310.0E6	2151.6E6	47.344	46.452
6)	B beta-BHC	4.511	4.017	129.0E6	932.8E6	49.251	47.041
7)	B delta-BHC	4.759	4.253	332.2E6	2222.0E6	49.134	46.567
8)	B Heptachlo...	5.683	4.862	278.8E6	2016.8E6	48.158	47.298
9)	A Endosulfan I	6.066	5.235	264.2E6	1839.2E6	47.721	46.691
10)	B gamma-Chl...	5.938	5.114	275.3E6	2075.2E6	46.413	46.169
11)	B alpha-Chl...	6.019	5.179	290.9E6	2015.4E6	47.073	46.721
12)	B 4,4'-DDE	6.188	5.363	251.1E6	2042.9E6	47.146	46.600
13)	MA Dieldrin	6.339	5.501	280.7E6	2032.1E6	48.141	45.991
14)	MA Endrin	6.566	5.777	238.8E6	1891.5E6	48.200	46.711
15)	B Endosulfa...	6.779	6.069	237.2E6	1793.1E6	47.450	47.746
16)	A 4,4'-DDD	6.698	5.917	199.7E6	1634.2E6	49.246	44.849
17)	MA 4,4'-DDT	7.014	6.171	213.2E6	1780.9E6	51.859	50.777
18)	B Endrin al...	6.908	6.247	177.1E6	1326.6E6	48.355	47.903
19)	B Endosulfa...	7.143	6.471	220.0E6	1703.6E6	47.438	47.528
20)	A Methoxychlor	7.487	6.742	112.2E6	900.8E6	52.785	51.688
21)	B Endrin ke...	7.624	6.980	240.7E6	1890.6E6	49.543	50.124
22)	Mirex	8.106	7.172	151.9E6	1219.1E6	47.466	47.453
23)	Chlordane-1	4.683f	3.896	5448019	18890464	28.830	15.158 #
24)	Chlordane-2	5.215f	4.496	616417	25489394	3.192	19.539 #
25)	Chlordane-3	5.938	5.114	275.3E6	2075.2E6	360.906	533.265 #
26)	Chlordane-4	6.019	5.179	290.9E6	2015.4E6	300.265	603.198 #
27)	Chlordane-5	6.854	6.069	153241	1793.1E6	1.020	1214.817 #

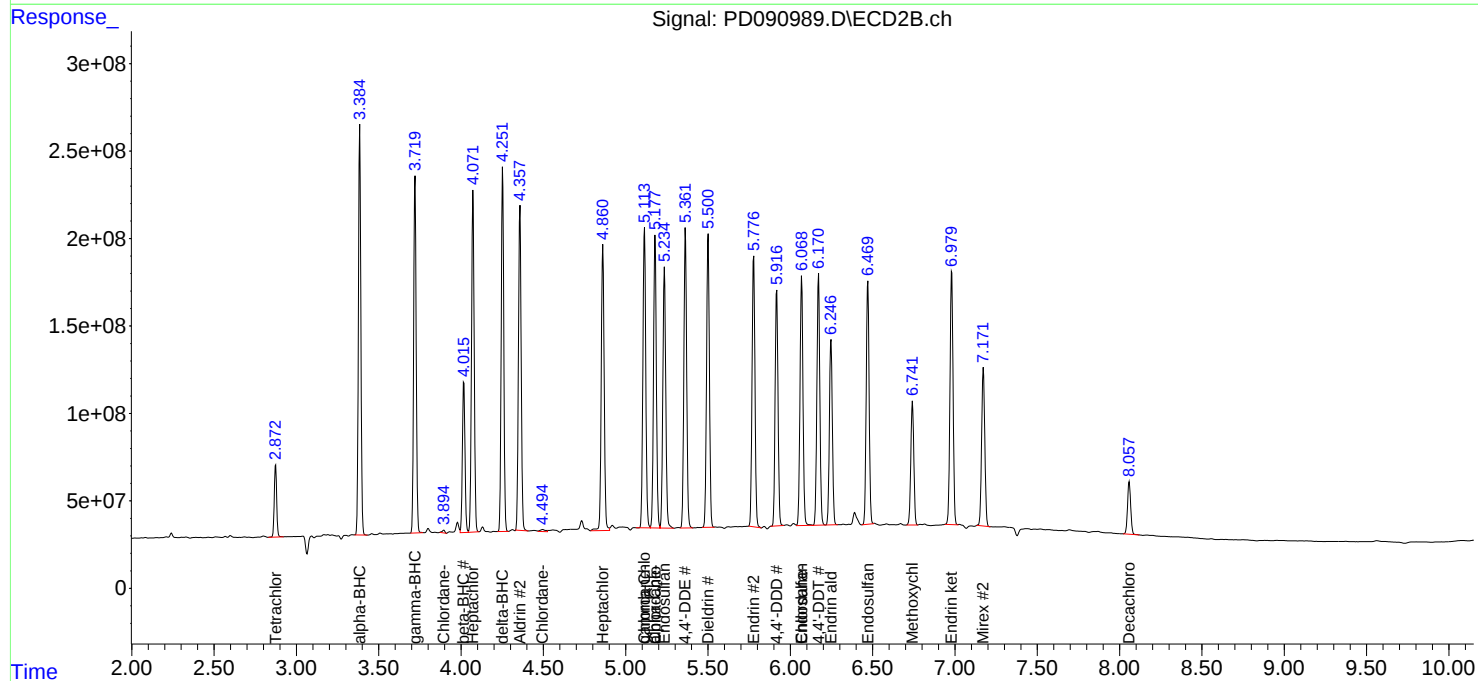
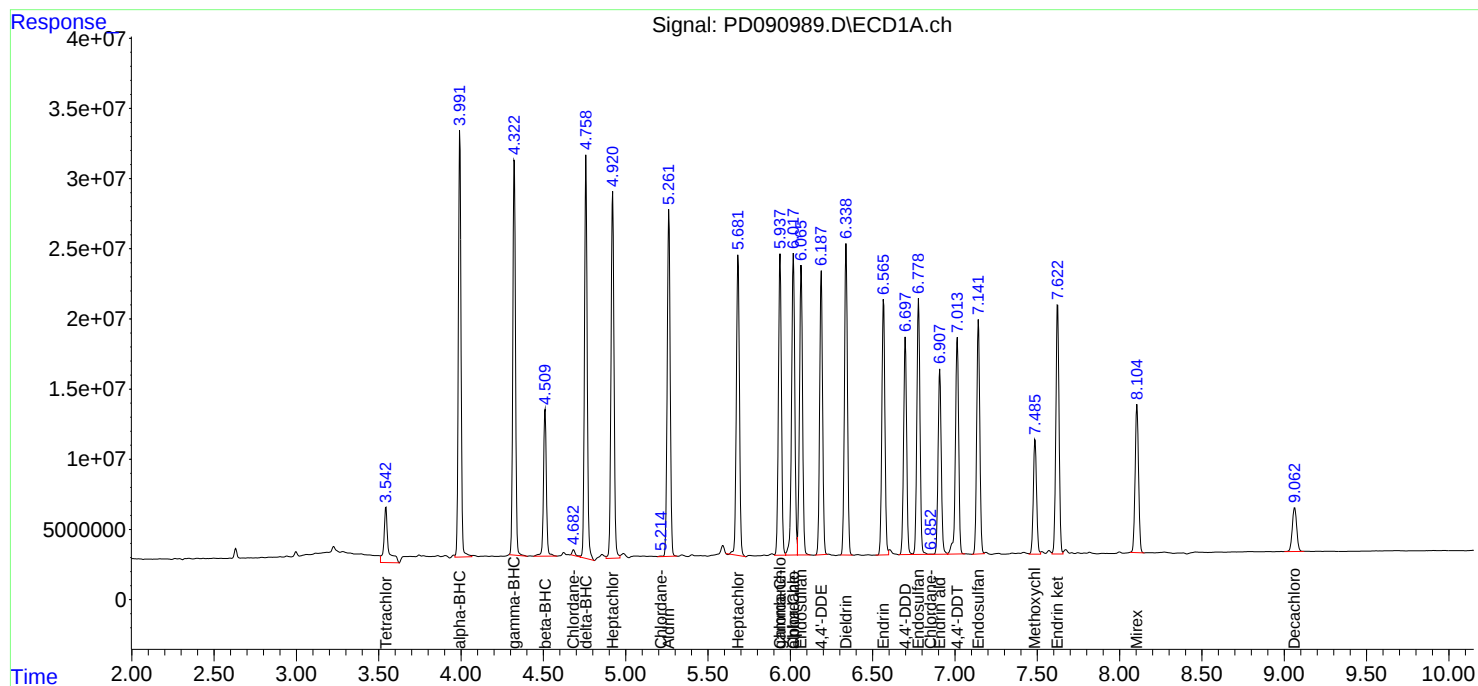
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

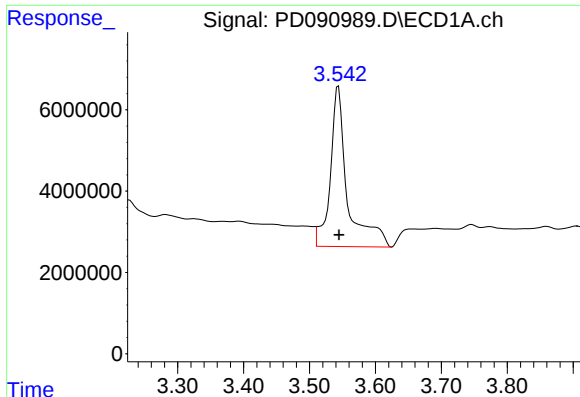
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 13:24
Operator : AR\AJ
Sample : Q3544-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
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Quant Time: Nov 07 00:25:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

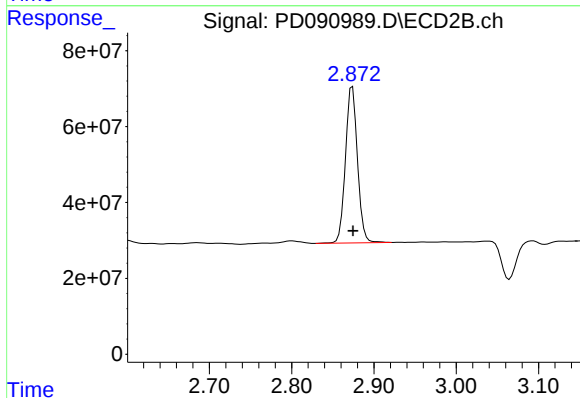




#1 Tetrachloro-m-xylene

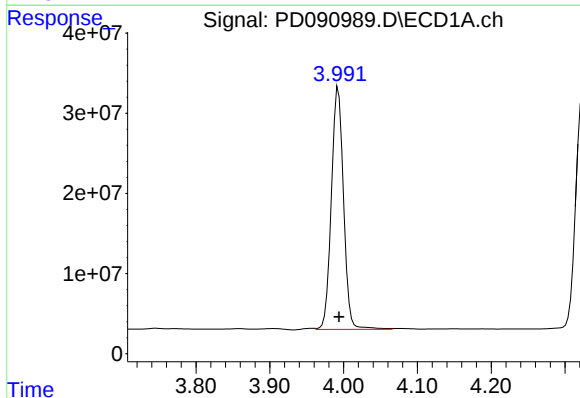
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 71241372
Conc: 22.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



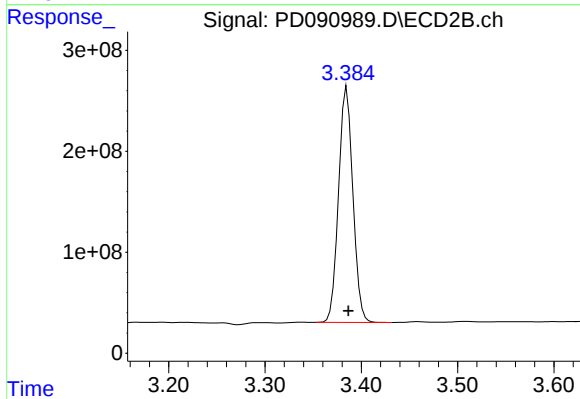
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 419621400
Conc: 14.09 ng/ml



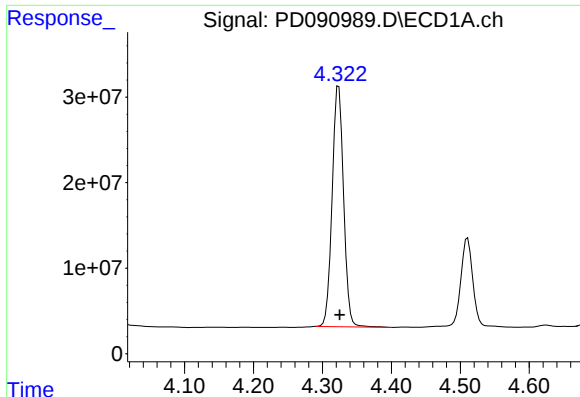
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 347121056
Conc: 48.36 ng/ml



#2 alpha-BHC

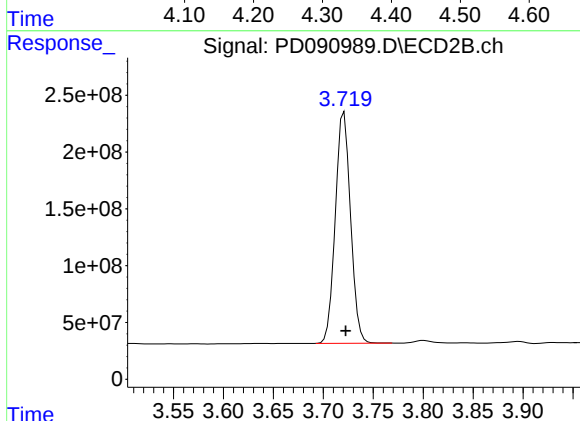
R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2409267822
Conc: 47.15 ng/ml



#3 gamma-BHC (Lindane)

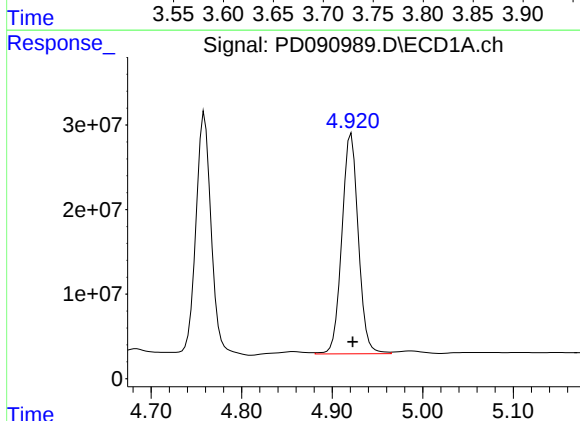
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 323562471
Conc: 47.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



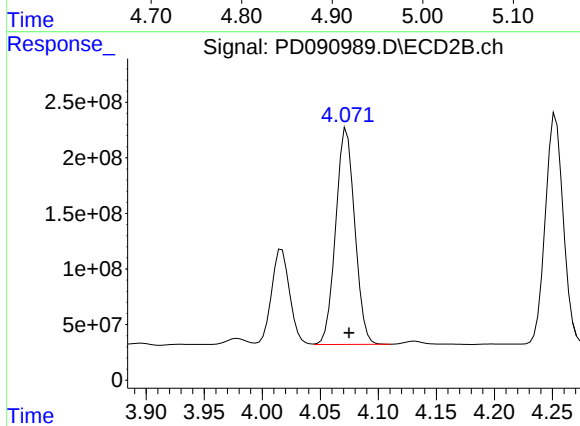
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2164980950
Conc: 45.82 ng/ml



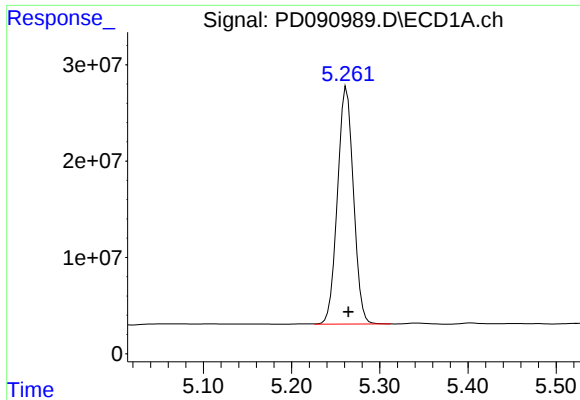
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 328750281
Conc: 58.82 ng/ml



#4 Heptachlor

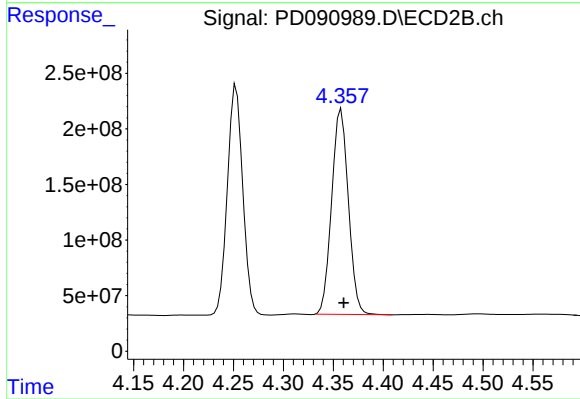
R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2221774744
Conc: 49.81 ng/ml



#5 Aldrin

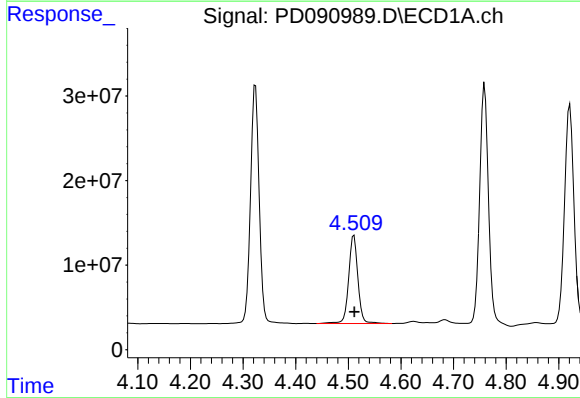
R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 309972845
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



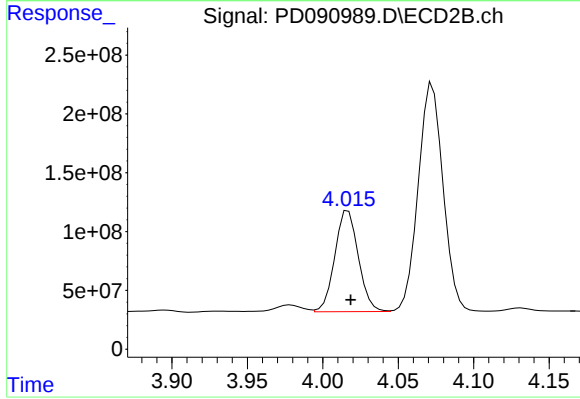
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 2151613115
Conc: 46.45 ng/ml



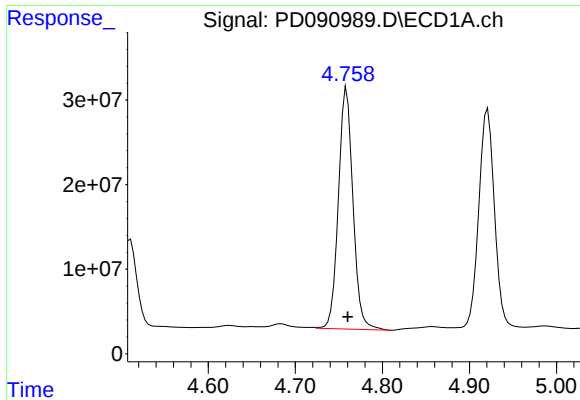
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 129018635
Conc: 49.25 ng/ml



#6 beta-BHC

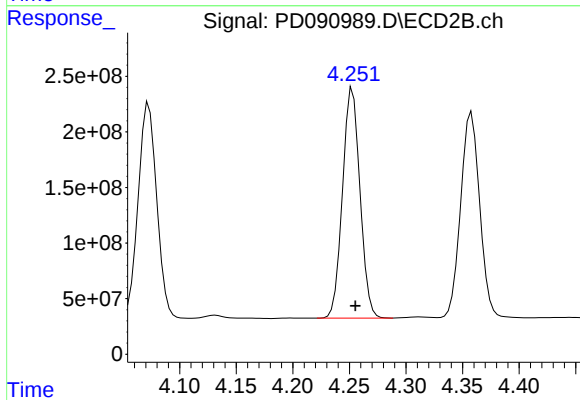
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 932800655
Conc: 47.04 ng/ml



#7 delta-BHC

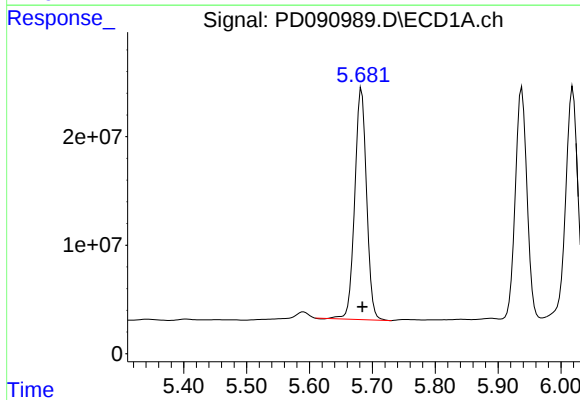
R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 332228883
Conc: 49.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



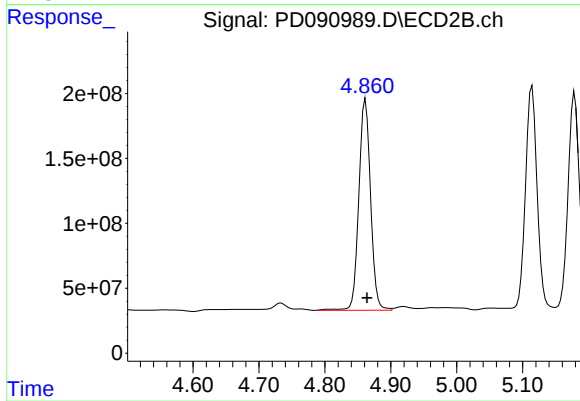
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 222200528
Conc: 46.57 ng/ml



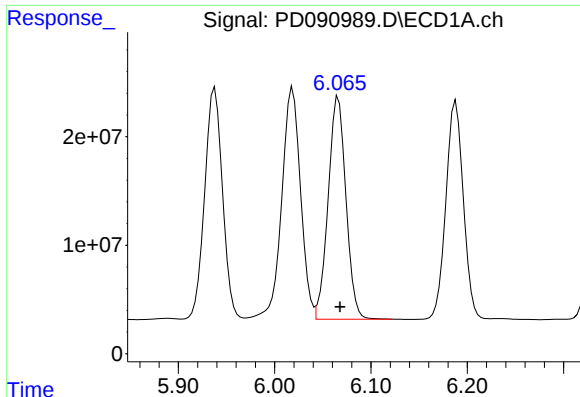
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 278788467
Conc: 48.16 ng/ml



#8 Heptachlor epoxide

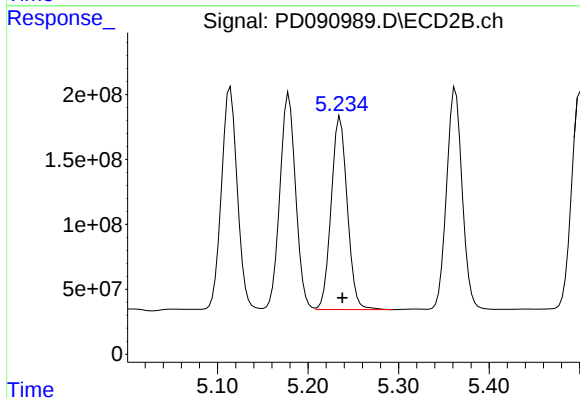
R.T.: 4.862 min
Delta R.T.: -0.003 min
Response: 2016758096
Conc: 47.30 ng/ml



#9 Endosulfan I

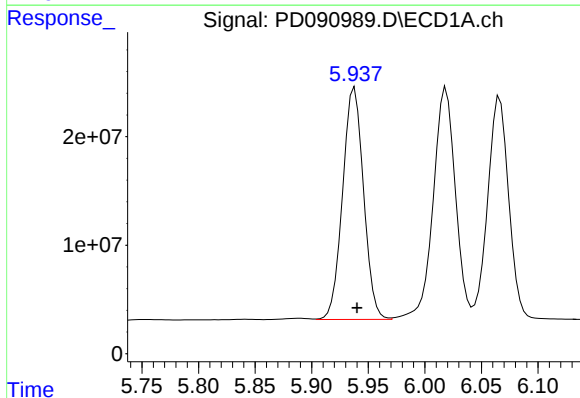
R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 264213946
Conc: 47.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



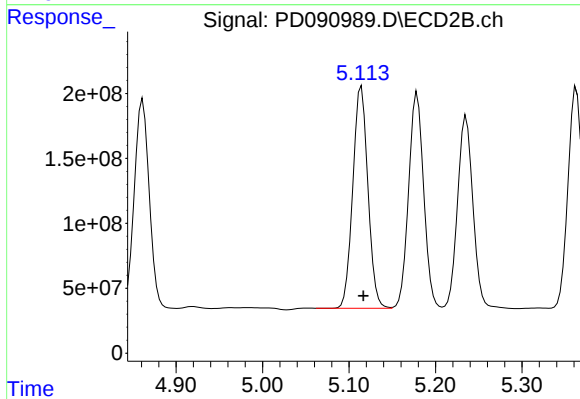
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 1839187131
Conc: 46.69 ng/ml



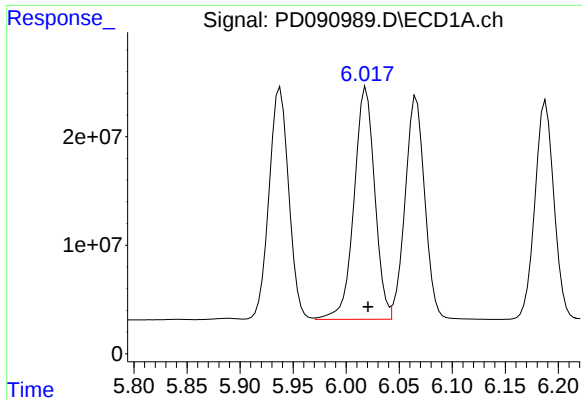
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 275285382
Conc: 46.41 ng/ml



#10 gamma-Chlordane

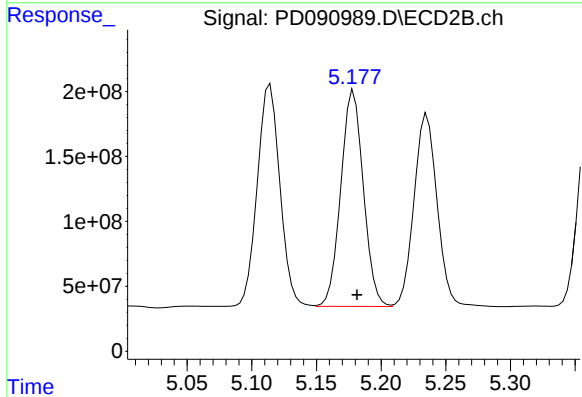
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 2075236270
Conc: 46.17 ng/ml



#11 alpha-Chlordane

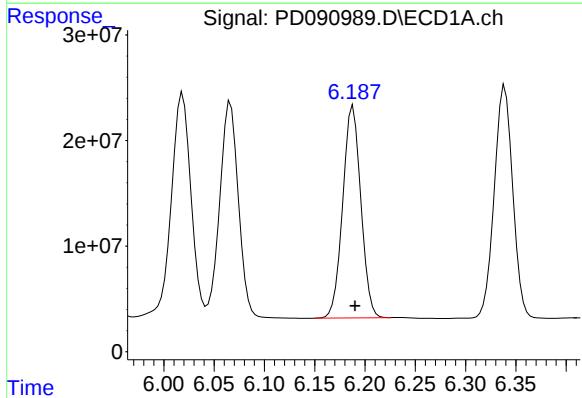
R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 290922538
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



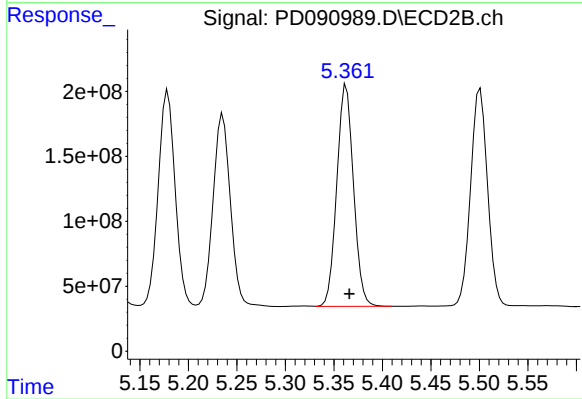
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 2015427655
Conc: 46.72 ng/ml



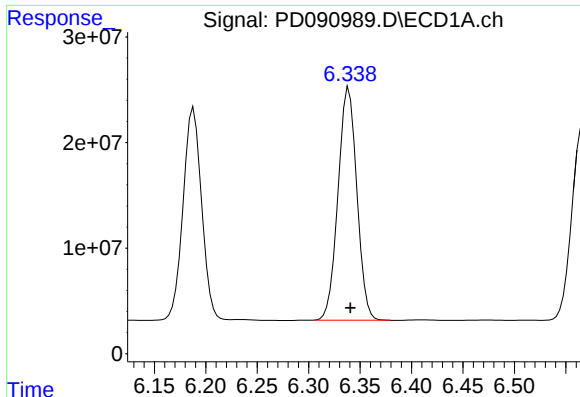
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 251130812
Conc: 47.15 ng/ml



#12 4,4'-DDE

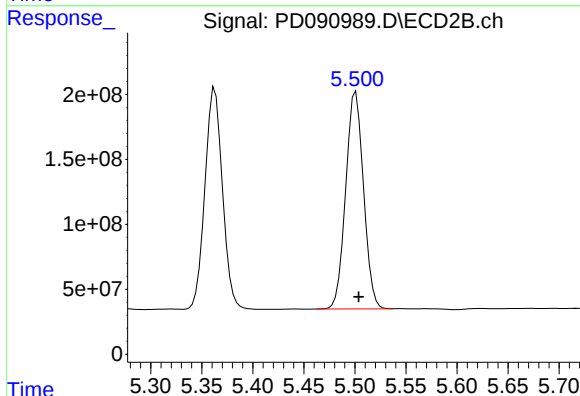
R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 2042852917
Conc: 46.60 ng/ml



#13 Dieldrin

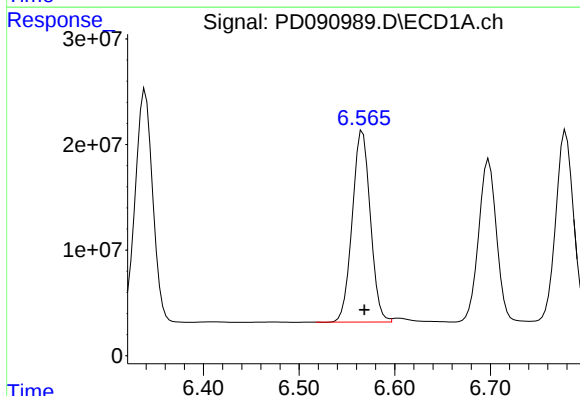
R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 280727906
Conc: 48.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



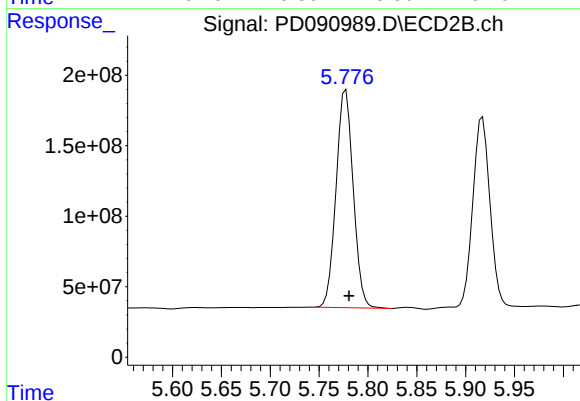
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2032070151
Conc: 45.99 ng/ml



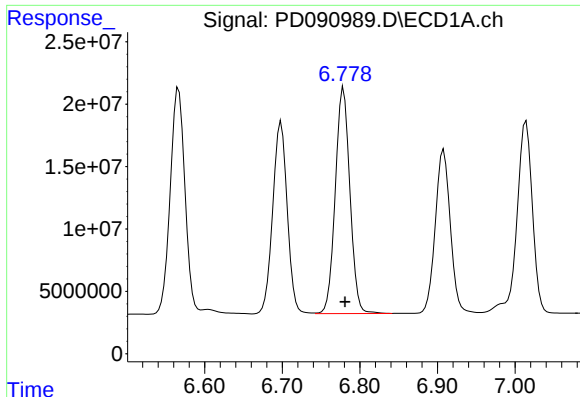
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 238768236
Conc: 48.20 ng/ml



#14 Endrin

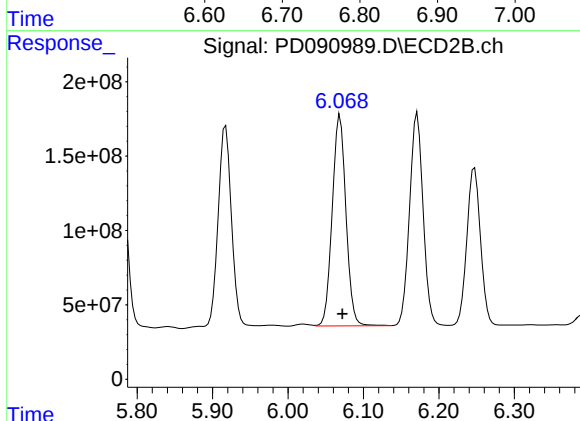
R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 1891504694
Conc: 46.71 ng/ml



#15 Endosulfan II

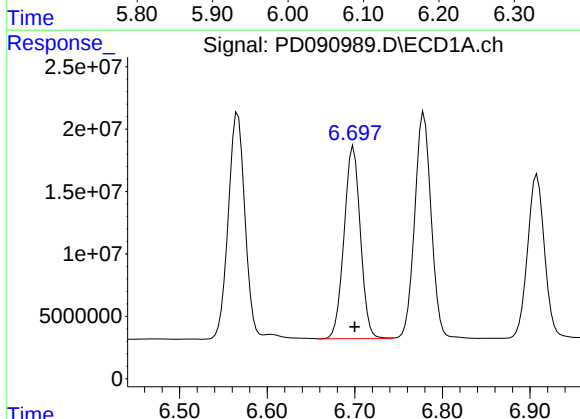
R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 237249728
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



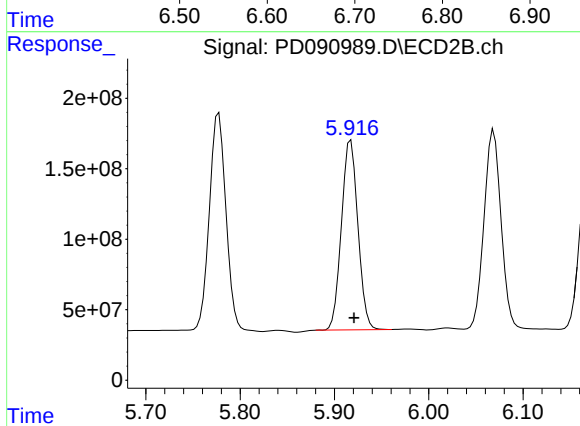
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1793111256
Conc: 47.75 ng/ml



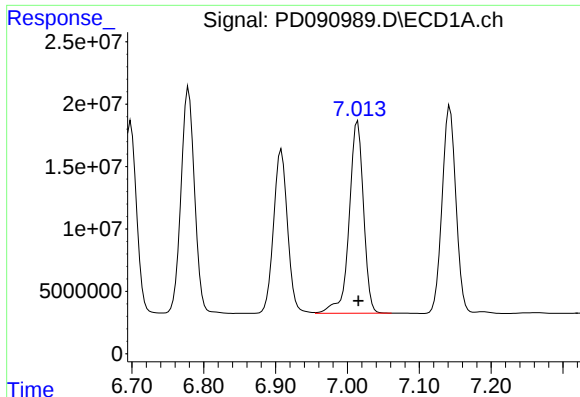
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 199655345
Conc: 49.25 ng/ml



#16 4,4'-DDD

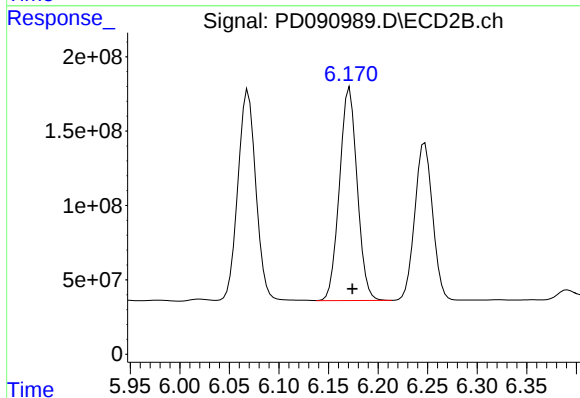
R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 1634210043
Conc: 44.85 ng/ml



#17 4,4'-DDT

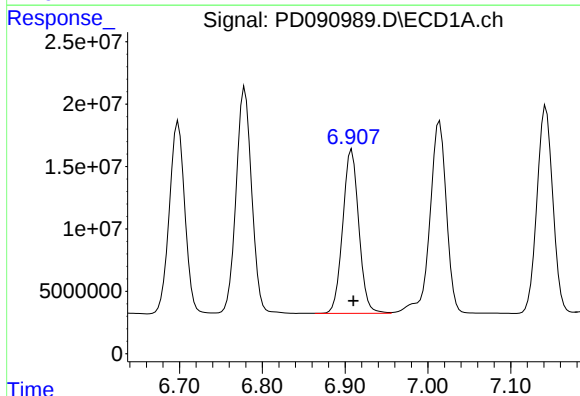
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 213166093
Conc: 51.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



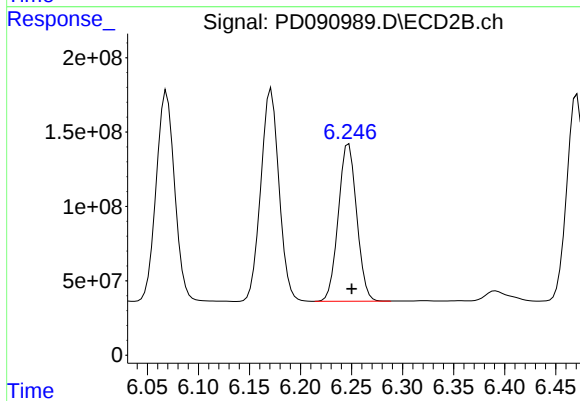
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1780892069
Conc: 50.78 ng/ml



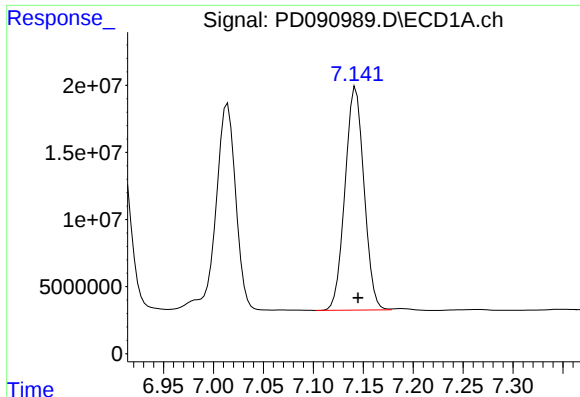
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 177109036
Conc: 48.35 ng/ml



#18 Endrin aldehyde

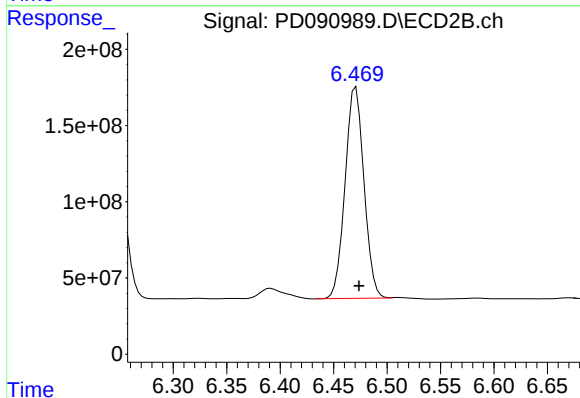
R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1326557116
Conc: 47.90 ng/ml



#19 Endosulfan Sulfate

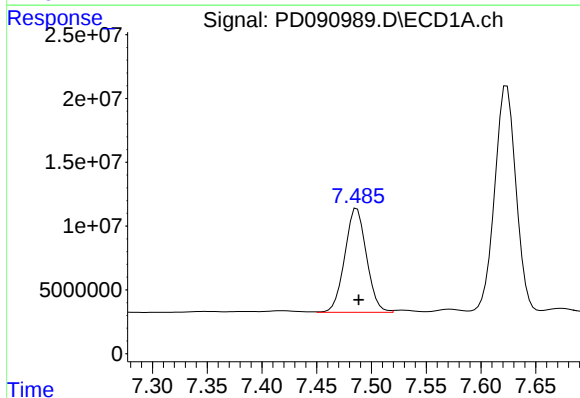
R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 220024741
Conc: 47.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



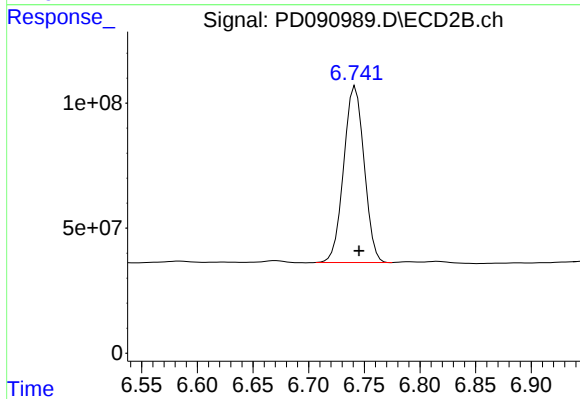
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1703625244
Conc: 47.53 ng/ml



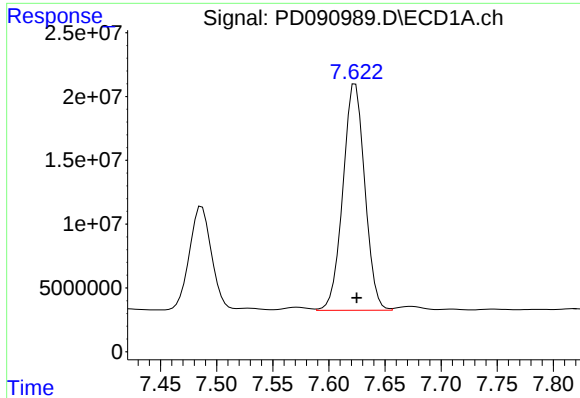
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 112199494
Conc: 52.79 ng/ml



#20 Methoxychlor

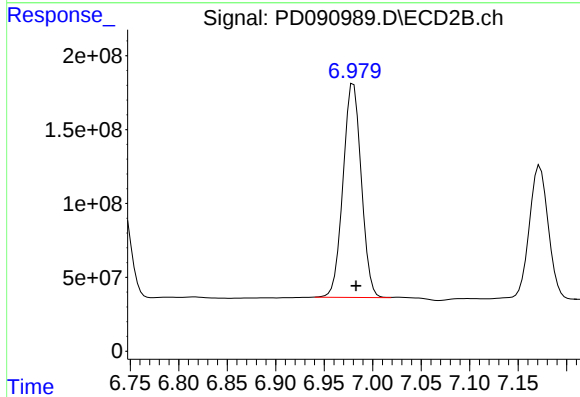
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 900811418
Conc: 51.69 ng/ml



#21 Endrin ketone

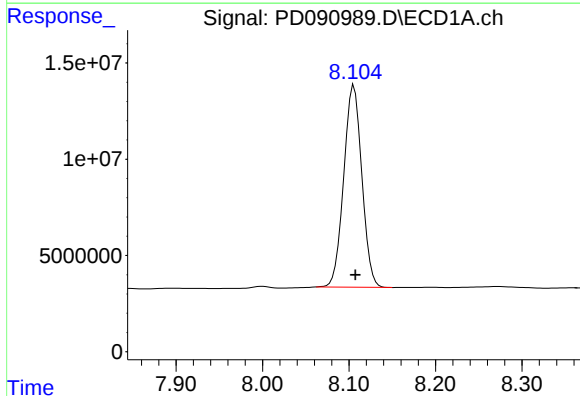
R.T.: 7.624 min
Delta R.T.: -0.001 min
Response: 240722019
Conc: 49.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



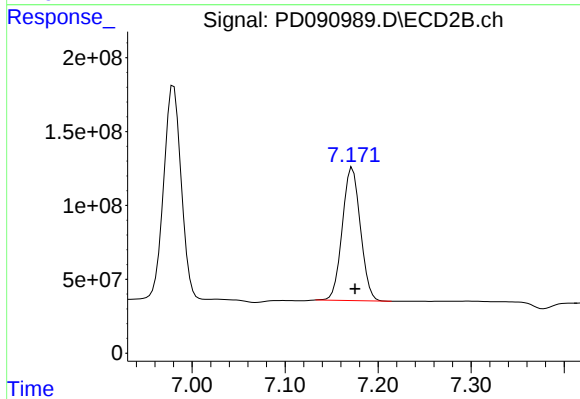
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1890568359
Conc: 50.12 ng/ml



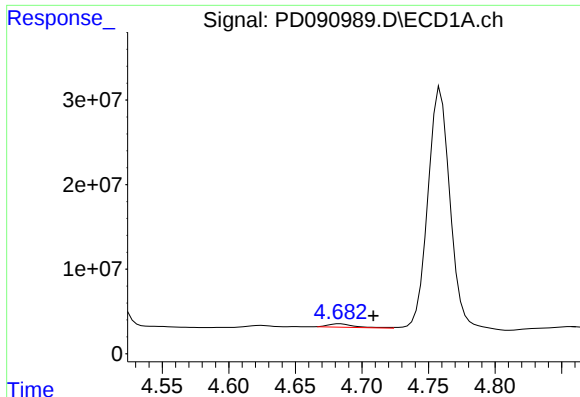
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.002 min
Response: 151931002
Conc: 47.47 ng/ml



#22 Mirex

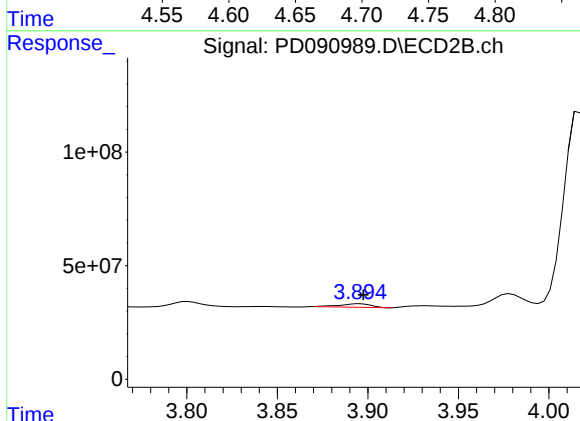
R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1219104494
Conc: 47.45 ng/ml



#23 Chlordane-1

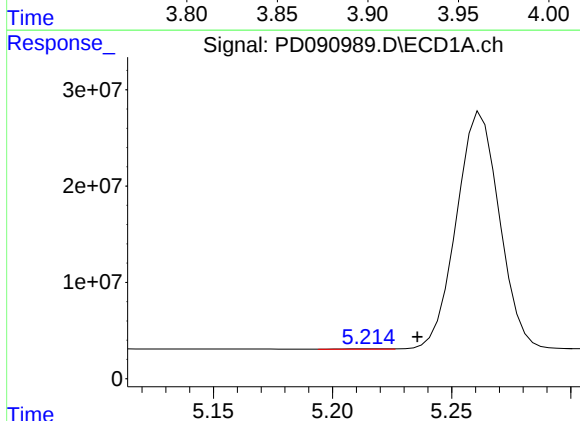
R.T.: 4.683 min
Delta R.T.: -0.025 min
Response: 5448019
Conc: 28.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



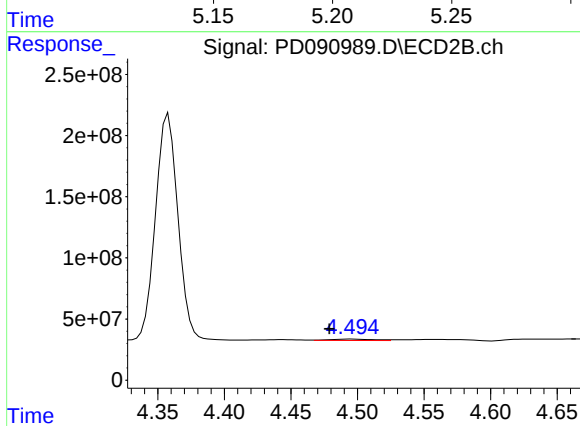
#23 Chlordane-1

R.T.: 3.896 min
Delta R.T.: -0.002 min
Response: 18890464
Conc: 15.16 ng/ml



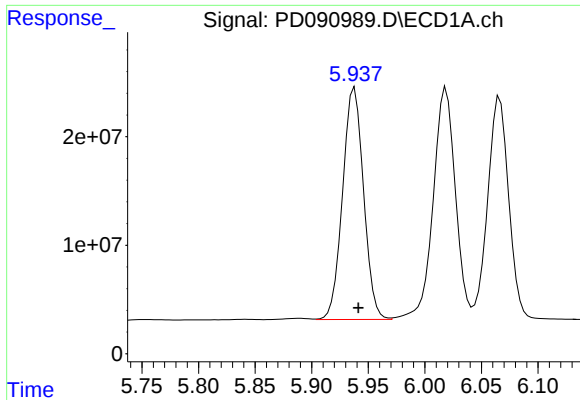
#24 Chlordane-2

R.T.: 5.215 min
Delta R.T.: -0.020 min
Response: 616417
Conc: 3.19 ng/ml



#24 Chlordane-2

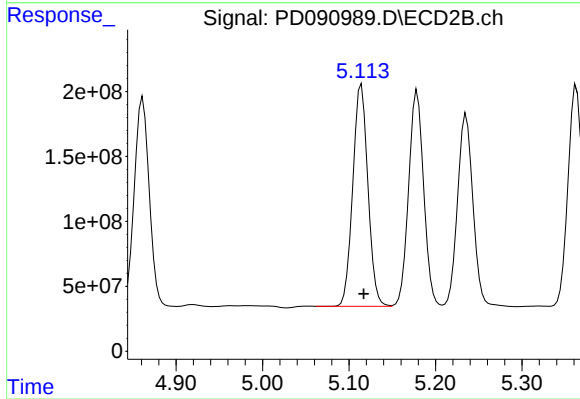
R.T.: 4.496 min
Delta R.T.: 0.017 min
Response: 25489394
Conc: 19.54 ng/ml



#25 Chlordane-3

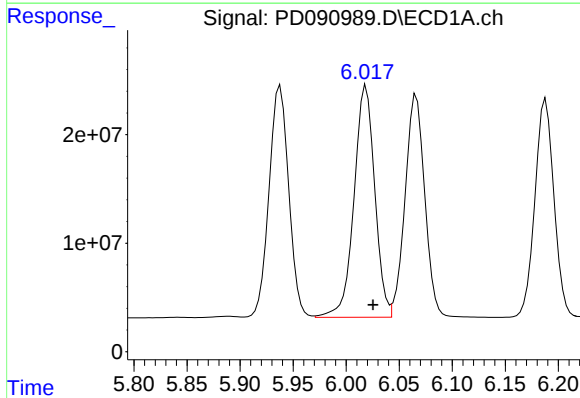
R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 275285382
Conc: 360.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



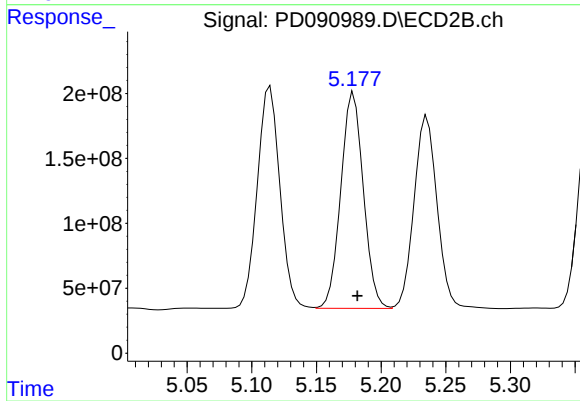
#25 Chlordane-3

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2075236270
Conc: 533.26 ng/ml



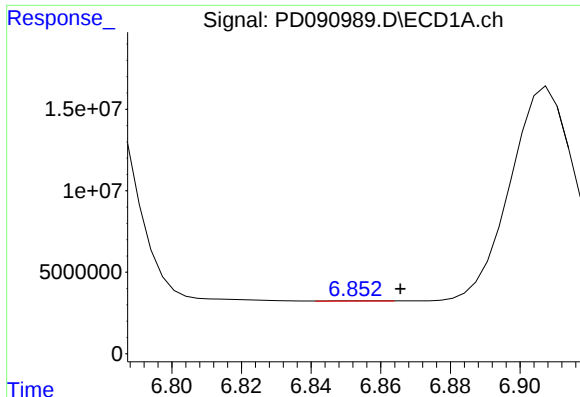
#26 Chlordane-4

R.T.: 6.019 min
Delta R.T.: -0.006 min
Response: 290922538
Conc: 300.27 ng/ml



#26 Chlordane-4

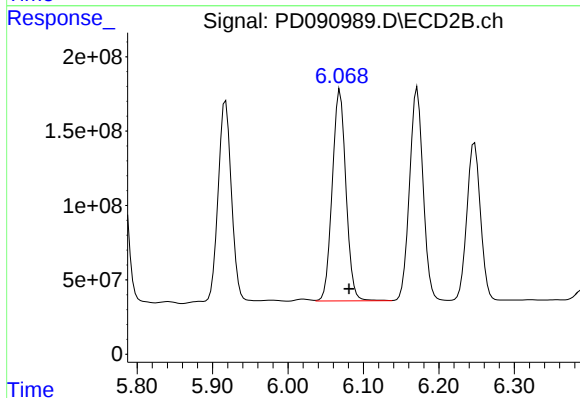
R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 2015427655
Conc: 603.20 ng/ml



#27 Chlordane-5

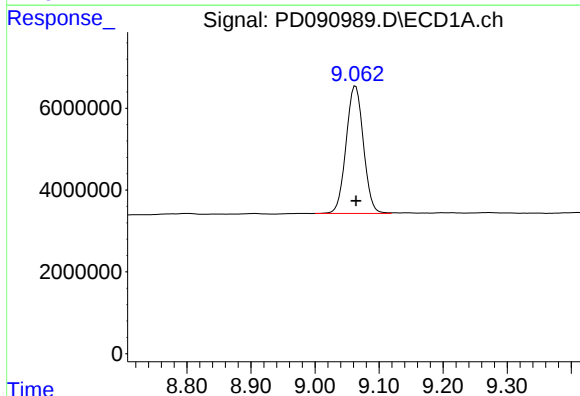
R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 153241
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
ONYX-1MSD



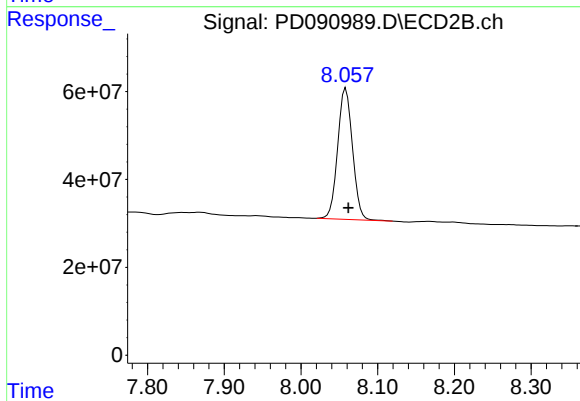
#27 Chlordane-5

R.T.: 6.069 min
Delta R.T.: -0.012 min
Response: 1793111256
Conc: 1214.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 58409993
Conc: 12.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 400279019
Conc: 13.21 ng/ml