

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 19:14
 Operator : AR\AJ
 Sample : Q3466-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B8-0.0-1.0-20251023MSD

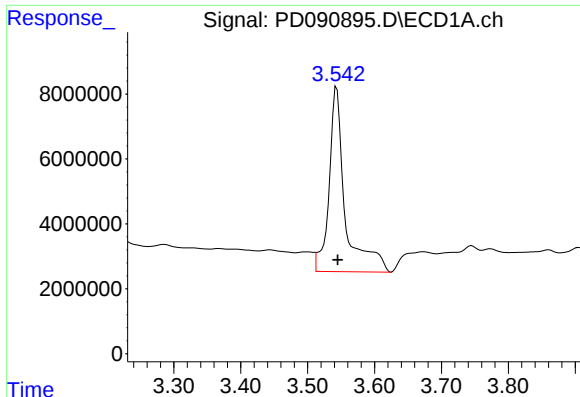
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:46:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.543	2.873	95502262	605.0E6	30.667	20.317 #
28)	SA Decachlor...	9.062	8.058	69061444	461.5E6	14.763	15.236
Target Compounds							
2)	A alpha-BHC	3.993	3.385	380.8E6	2570.5E6	53.053	50.307
3)	MA gamma-BHC...	4.324	3.721	253.1E6	2298.7E6	37.230	48.652 #
4)	MA Heptachlor	4.921	4.073	346.3E6	2326.5E6	61.956	52.160
5)	MB Aldrin	5.262	4.358	339.4E6	2238.2E6	51.840	48.323
6)	B beta-BHC	4.511	4.017	122.2E6	1027.0E6	46.640	51.791
7)	B delta-BHC	4.759	4.253	358.6E6	2352.0E6	53.028	49.291
8)	B Heptachlo...	5.683	4.862	304.2E6	2068.0E6	52.540	48.501
9)	A Endosulfan I	6.067	5.237	287.6E6	1771.9E6	51.937	44.983
10)	B gamma-Chl...	5.938	5.115	286.1E6	2347.7E6	48.237	52.230
11)	B alpha-Chl...	6.019	5.179	313.4E6	2169.5E6	50.707	50.293
12)	B 4,4'-DDE	6.189	5.364	264.0E6	2177.9E6	49.571	49.679
13)	MA Dieldrin	6.339	5.501	298.2E6	2336.0E6	51.134	52.870
14)	MA Endrin	6.566	5.779	258.5E6	1800.1E6	52.181	44.453
15)	B Endosulfa...	6.779	6.070	249.1E6	1995.6E6	49.822	53.137
16)	A 4,4'-DDD	6.698	5.919	226.5E6	1676.2E6	55.871	46.001
17)	MA 4,4'-DDT	7.013	6.171	238.7E6	1955.6E6	58.082	55.758
18)	B Endrin al...	6.908	6.248	187.6E6	1396.9E6	51.225	50.443
19)	B Endosulfa...	7.143	6.471	227.7E6	1766.6E6	49.102	49.284
20)	A Methoxychlor	7.486	6.742	108.1E6	805.8E6	50.852	46.235
21)	B Endrin ke...	7.622	6.980	255.1E6	1733.1E6	52.508	45.949
22)	Mirex	8.104	7.172	140.0E6	1147.9E6	43.729	44.682
23)	Chlordane-1	4.682f	3.901	8037096	117.0E6	42.530	93.881 #
24)	Chlordane-2	5.212f	4.496	2034368	10464705	10.534	8.022
25)	Chlordane-3	5.938	5.115	286.1E6	2347.7E6	375.089	603.277 #
26)	Chlordane-4	6.019	5.179	313.4E6	2169.5E6	323.448	649.318 #
27)	Chlordane-5	0.000	6.070	0	1995.6E6	N.D.	1351.994 #

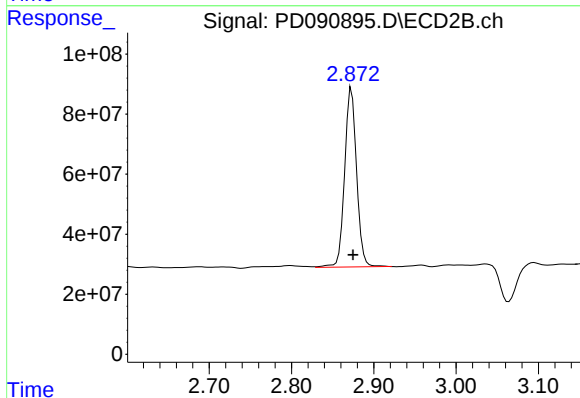
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

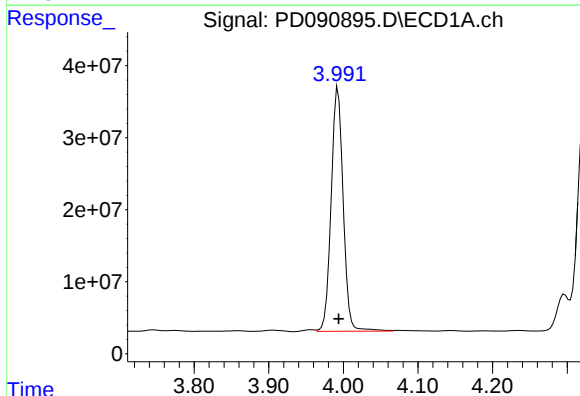
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 95502262
Conc: 30.67 ng/ml

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ECD_D
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B8-0.0-1.0-20251023MSD



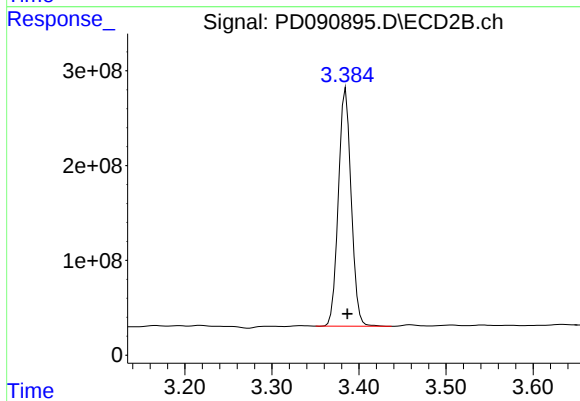
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 604985819
Conc: 20.32 ng/ml



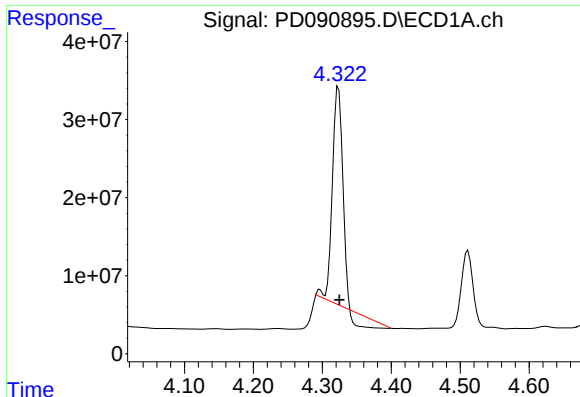
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 380765622
Conc: 53.05 ng/ml



#2 alpha-BHC

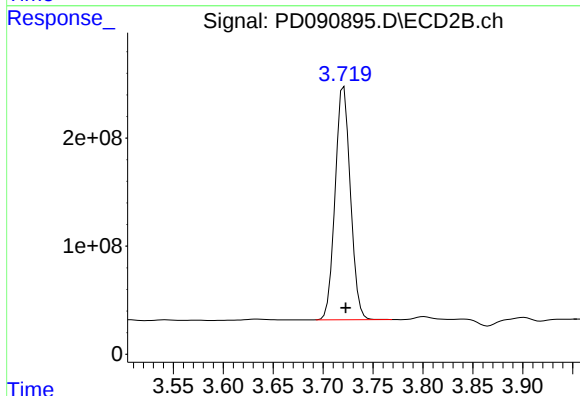
R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2570456516
Conc: 50.31 ng/ml



#3 gamma-BHC (Lindane)

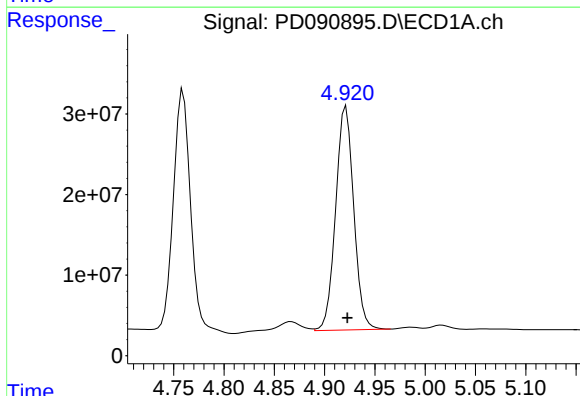
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 253123373
Conc: 37.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



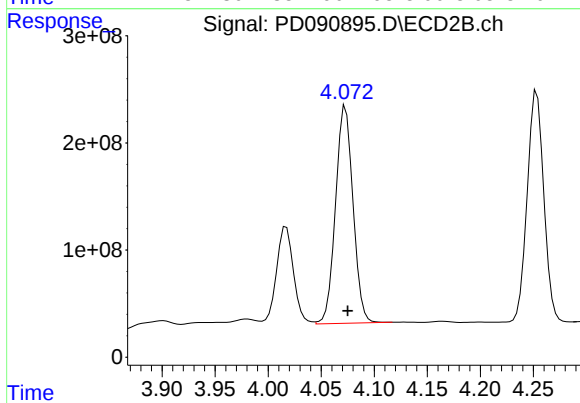
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2298737415
Conc: 48.65 ng/ml



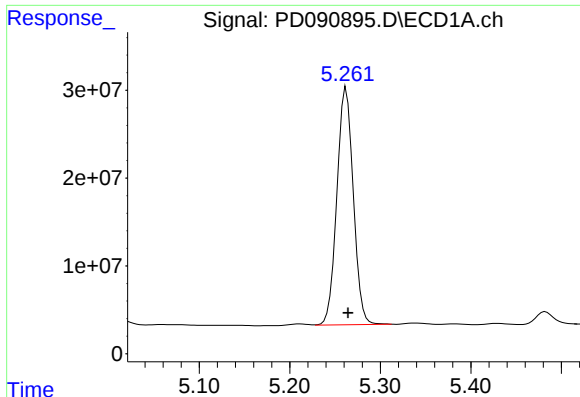
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 346308401
Conc: 61.96 ng/ml



#4 Heptachlor

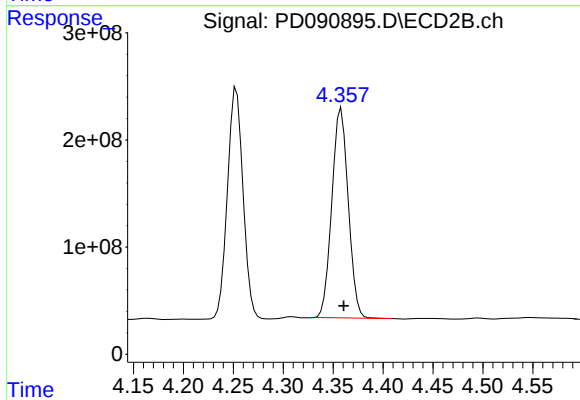
R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2326475387
Conc: 52.16 ng/ml



#5 Aldrin

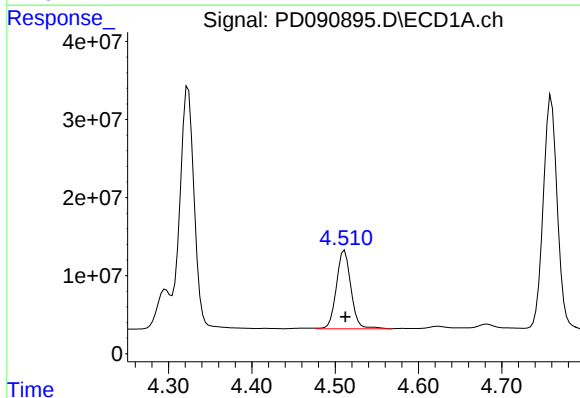
R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 339408384
Conc: 51.84 ng/ml

Instrument :
ECD_D
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B8-0.0-1.0-20251023MSD



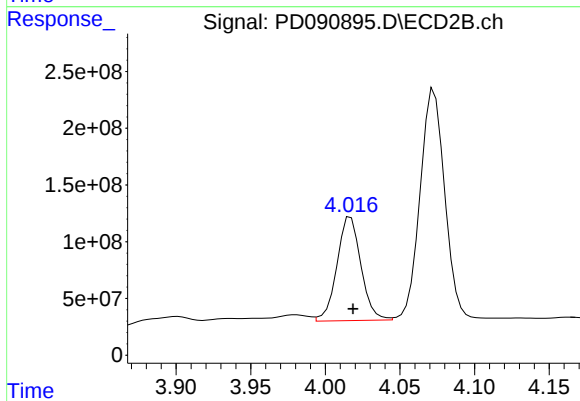
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2238248011
Conc: 48.32 ng/ml



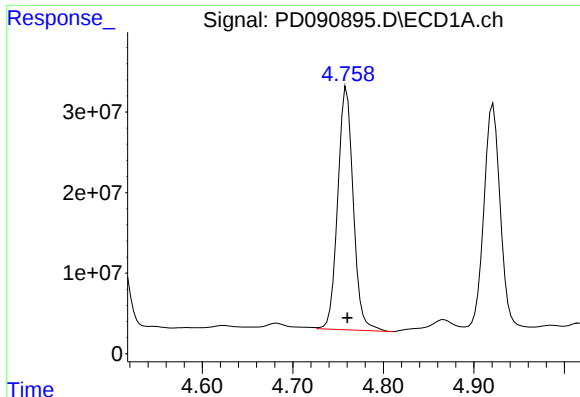
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 122179310
Conc: 46.64 ng/ml



#6 beta-BHC

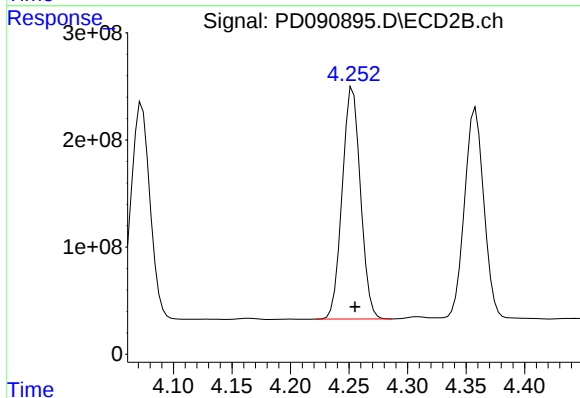
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 1026993318
Conc: 51.79 ng/ml



#7 delta-BHC

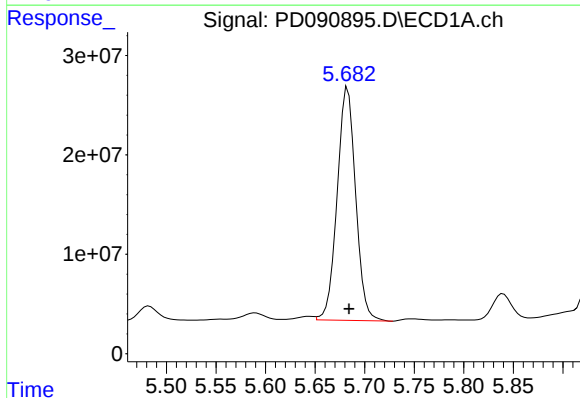
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 358559451
Conc: 53.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



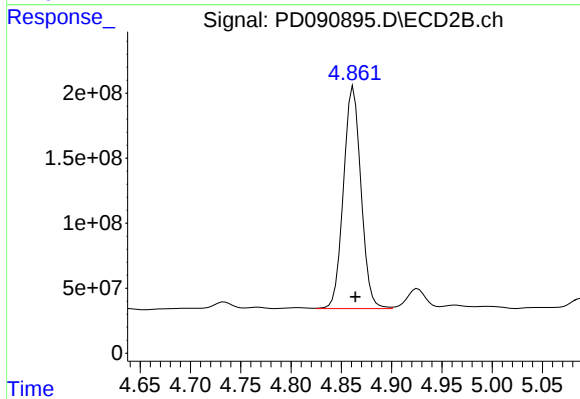
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2352013486
Conc: 49.29 ng/ml



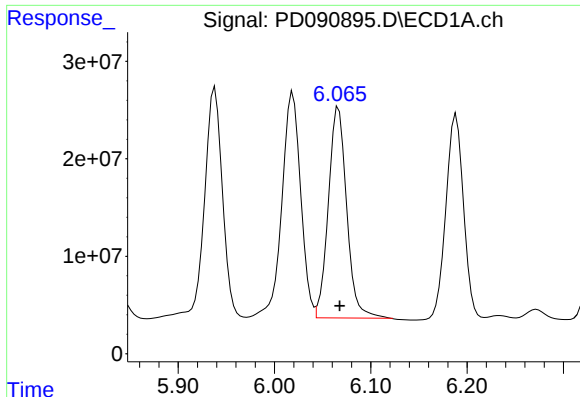
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 304155855
Conc: 52.54 ng/ml



#8 Heptachlor epoxide

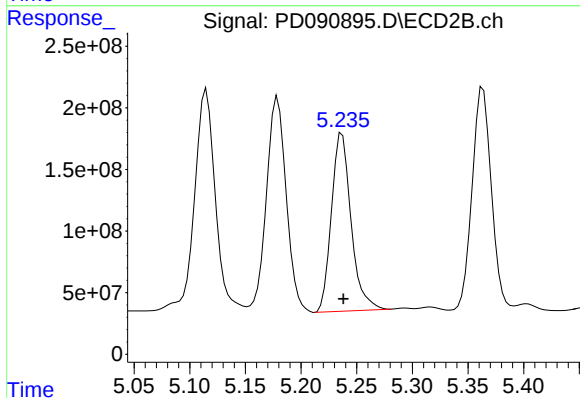
R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2068033256
Conc: 48.50 ng/ml



#9 Endosulfan I

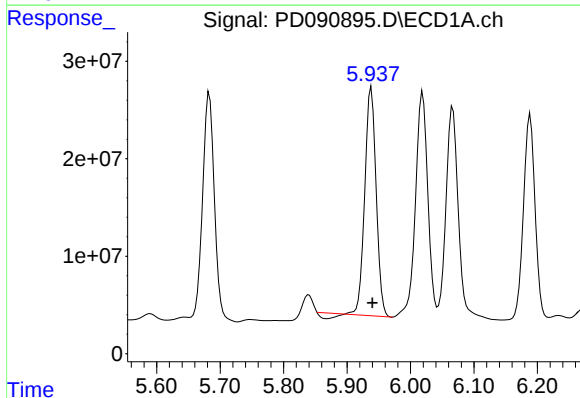
R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 287559518
Conc: 51.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



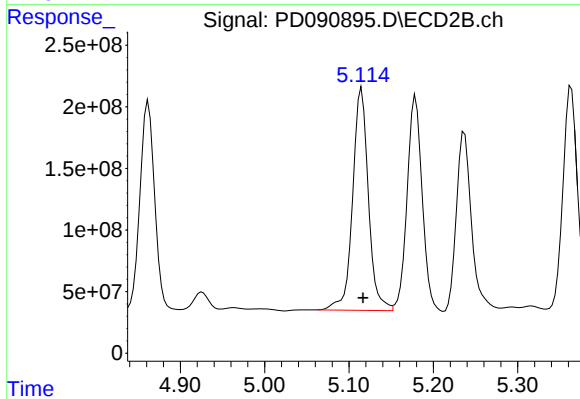
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1771887363
Conc: 44.98 ng/ml



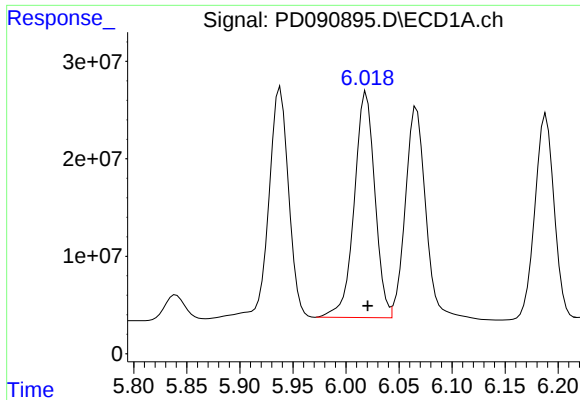
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 286103150
Conc: 48.24 ng/ml



#10 gamma-Chlordane

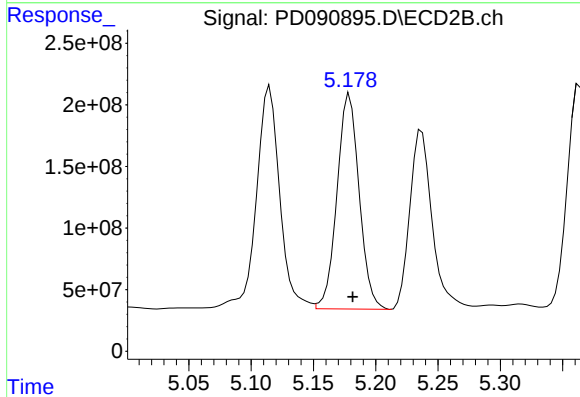
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2347692952
Conc: 52.23 ng/ml



#11 alpha-Chlordane

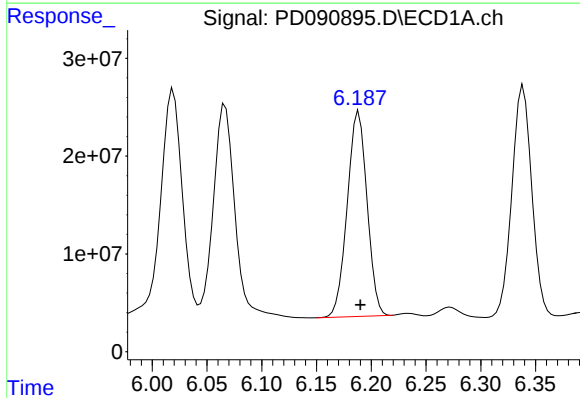
R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 313383984
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



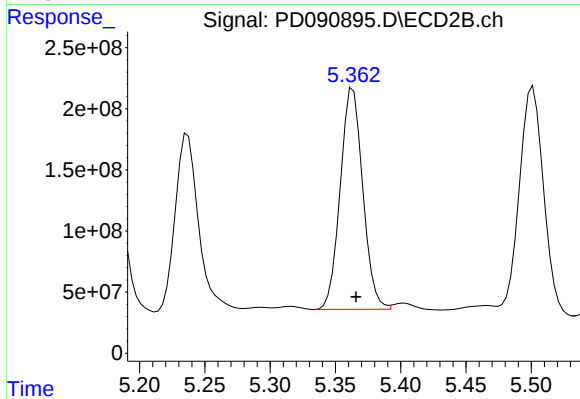
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 2169527291
Conc: 50.29 ng/ml



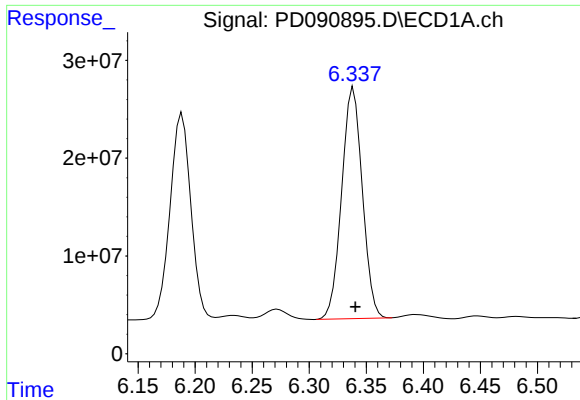
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 264044230
Conc: 49.57 ng/ml



#12 4,4'-DDE

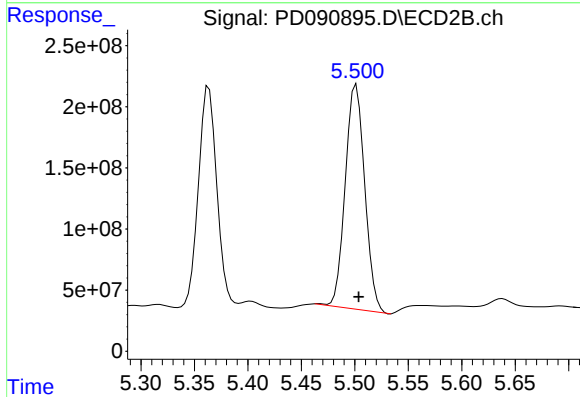
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2177858356
Conc: 49.68 ng/ml



#13 Dieldrin

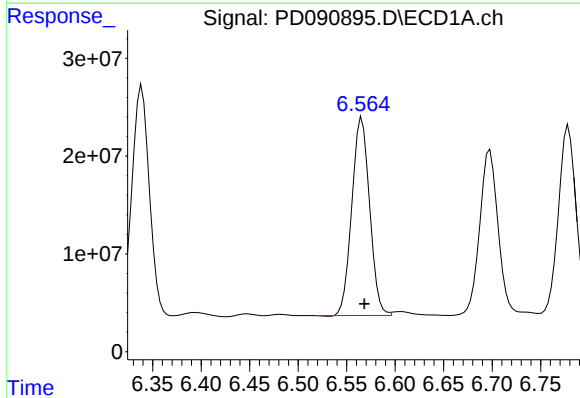
R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 298181188
Conc: 51.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



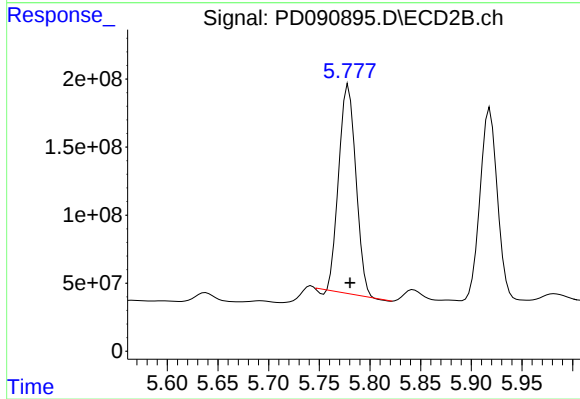
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2336003033
Conc: 52.87 ng/ml



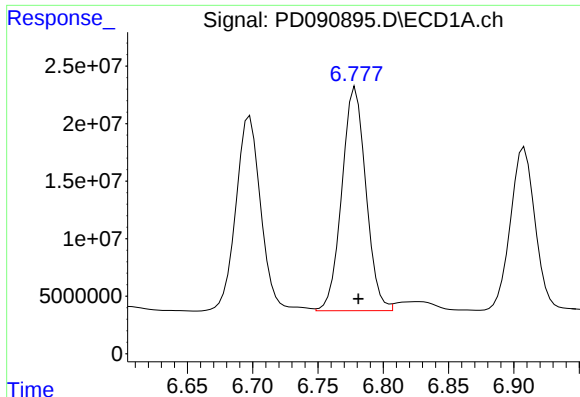
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.003 min
Response: 258490545
Conc: 52.18 ng/ml



#14 Endrin

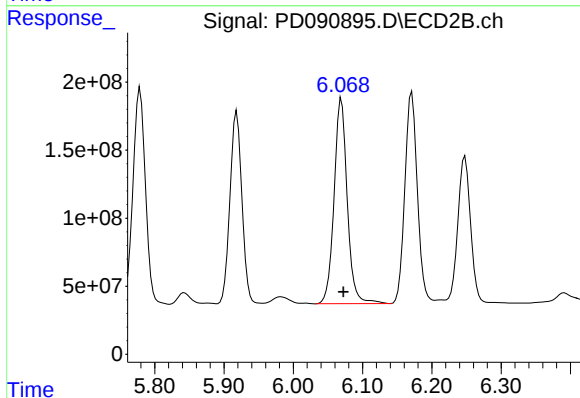
R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1800086367
Conc: 44.45 ng/ml



#15 Endosulfan II

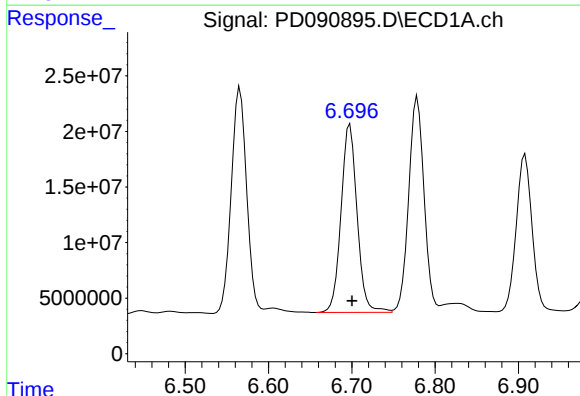
R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 249110241
Conc: 49.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



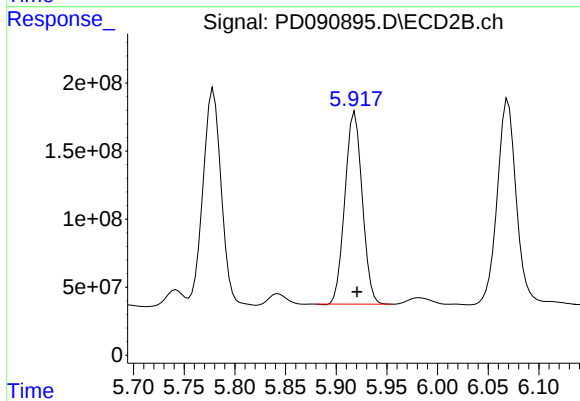
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1995589316
Conc: 53.14 ng/ml



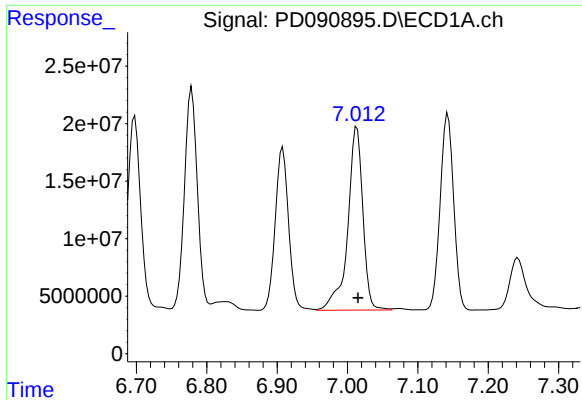
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 226512993
Conc: 55.87 ng/ml



#16 4,4'-DDD

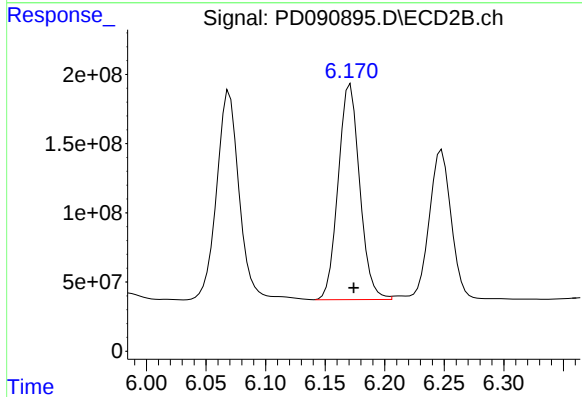
R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1676202845
Conc: 46.00 ng/ml



#17 4,4'-DDT

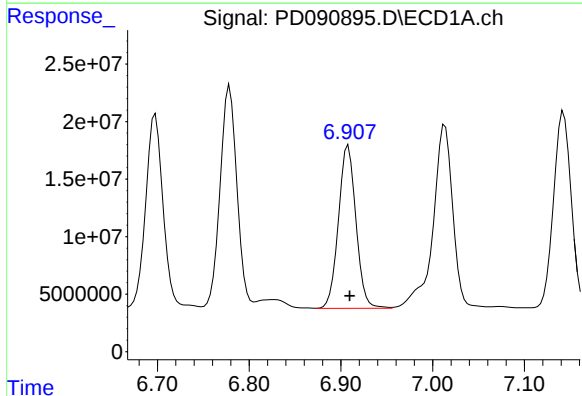
R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 238746476
Conc: 58.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



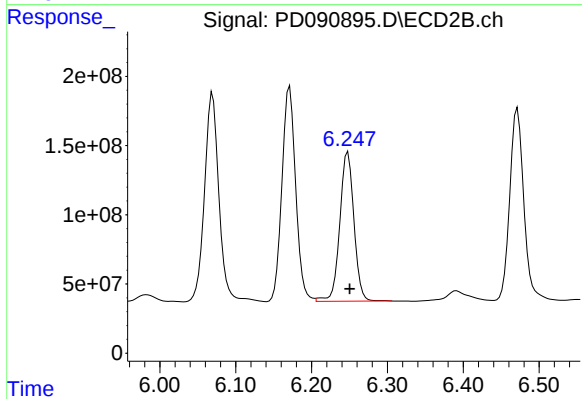
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1955596957
Conc: 55.76 ng/ml



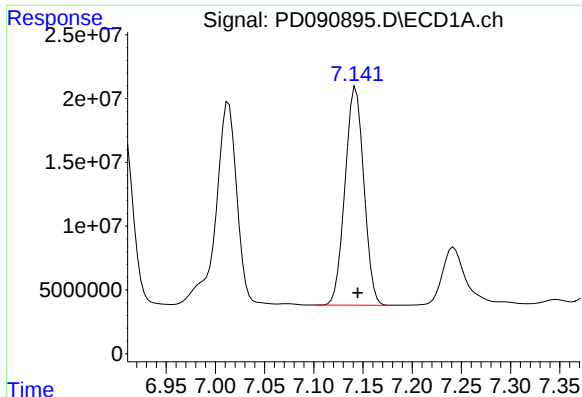
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 187621473
Conc: 51.22 ng/ml



#18 Endrin aldehyde

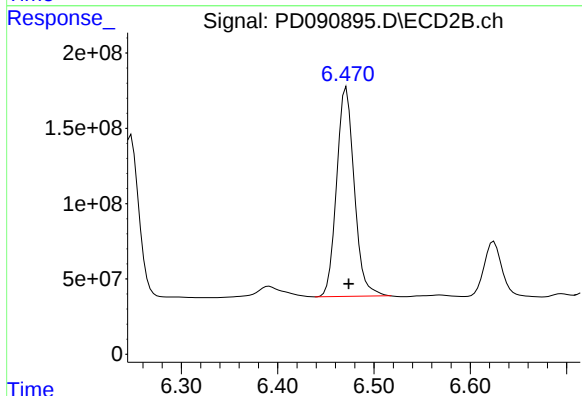
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1396919917
Conc: 50.44 ng/ml



#19 Endosulfan Sulfate

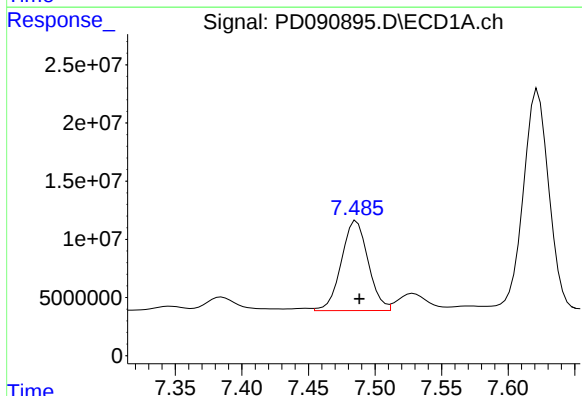
R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 227745710
Conc: 49.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



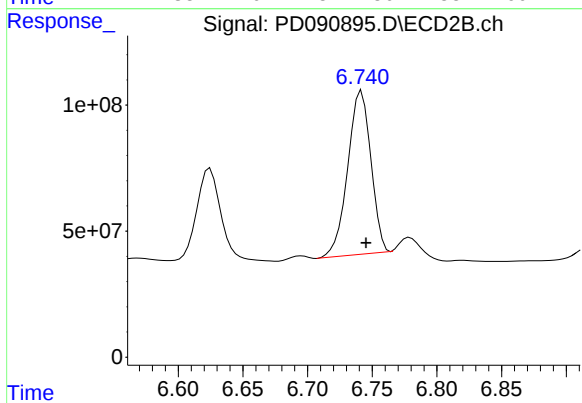
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 1766593969
Conc: 49.28 ng/ml



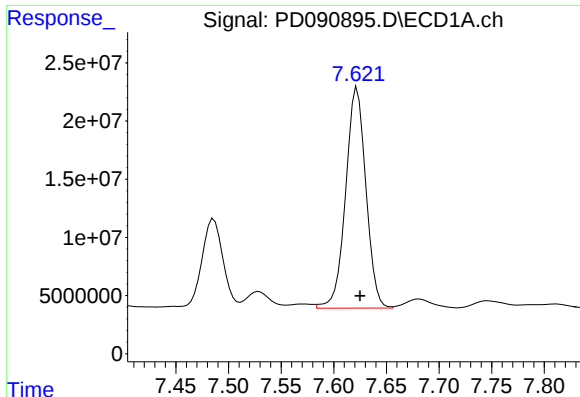
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 108090555
Conc: 50.85 ng/ml



#20 Methoxychlor

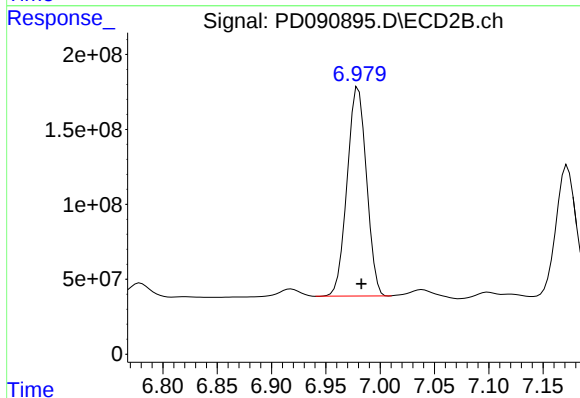
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 805773767
Conc: 46.23 ng/ml



#21 Endrin ketone

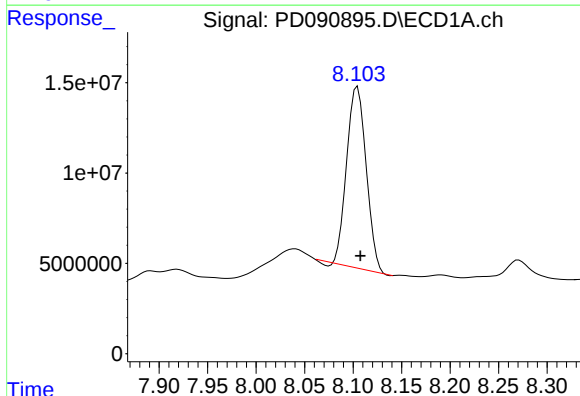
R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 255127323
Conc: 52.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



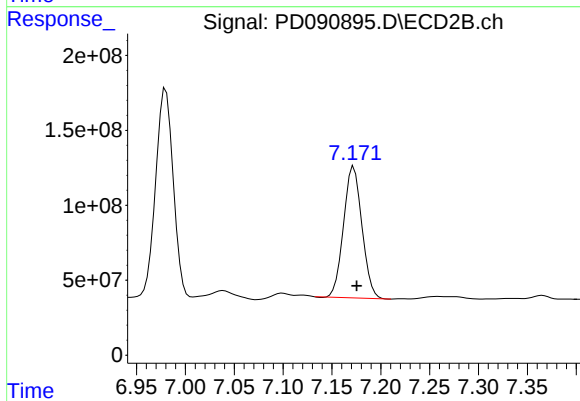
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1733086202
Conc: 45.95 ng/ml



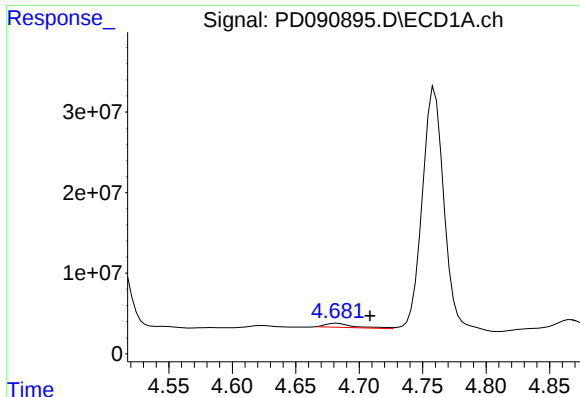
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.003 min
Response: 139970137
Conc: 43.73 ng/ml



#22 Mirex

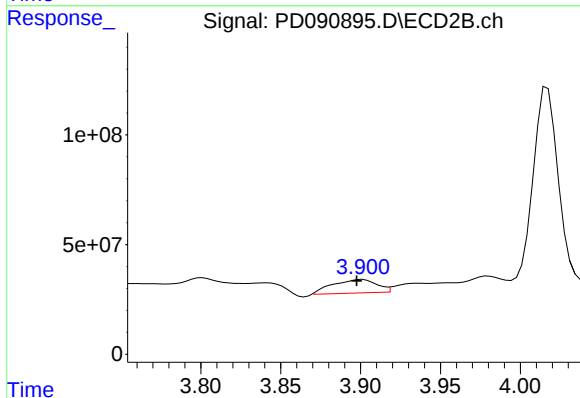
R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1147933191
Conc: 44.68 ng/ml



#23 Chlordane-1

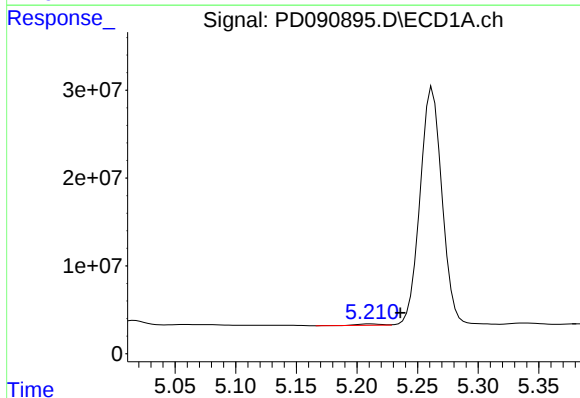
R.T.: 4.682 min
Delta R.T.: -0.026 min
Response: 8037096
Conc: 42.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



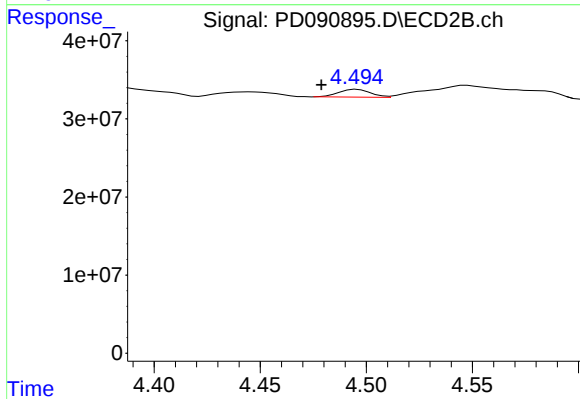
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: 0.003 min
Response: 117001047
Conc: 93.88 ng/ml



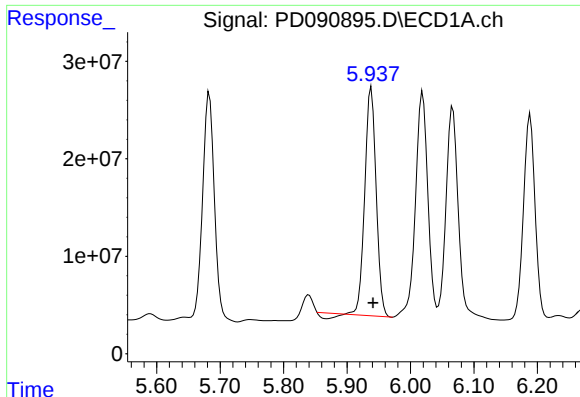
#24 Chlordane-2

R.T.: 5.212 min
Delta R.T.: -0.024 min
Response: 2034368
Conc: 10.53 ng/ml



#24 Chlordane-2

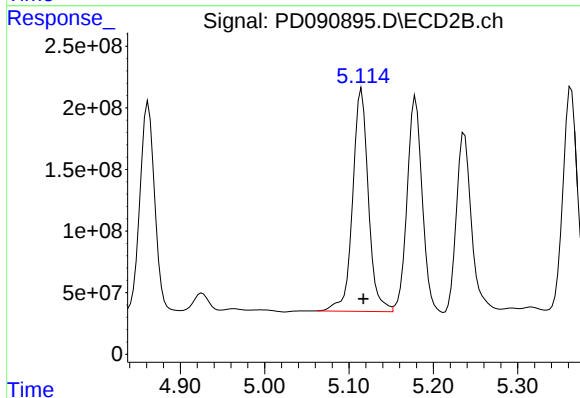
R.T.: 4.496 min
Delta R.T.: 0.017 min
Response: 10464705
Conc: 8.02 ng/ml



#25 Chlordane-3

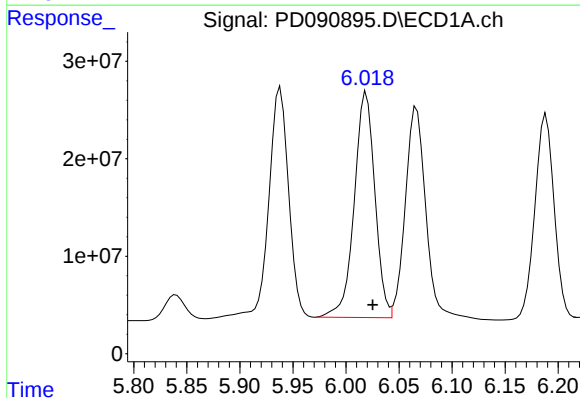
R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 286103150
Conc: 375.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



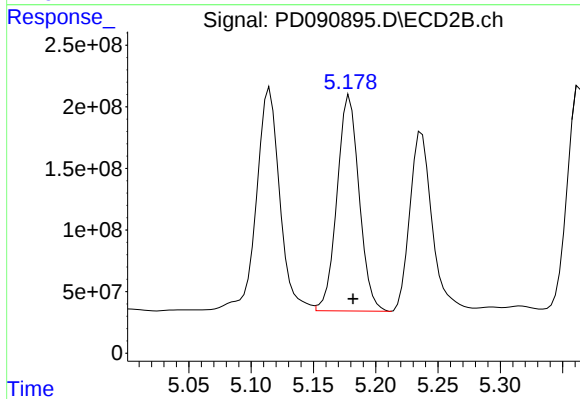
#25 Chlordane-3

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2347692952
Conc: 603.28 ng/ml



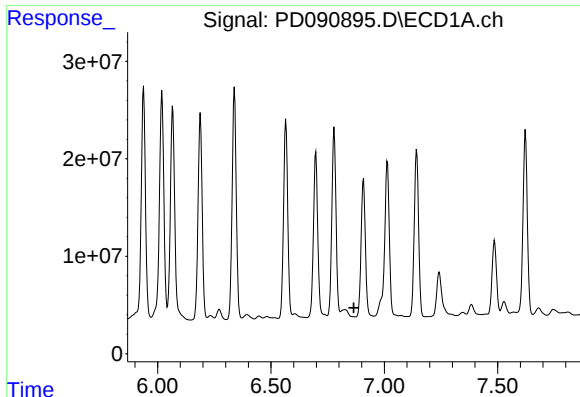
#26 Chlordane-4

R.T.: 6.019 min
Delta R.T.: -0.006 min
Response: 313383984
Conc: 323.45 ng/ml



#26 Chlordane-4

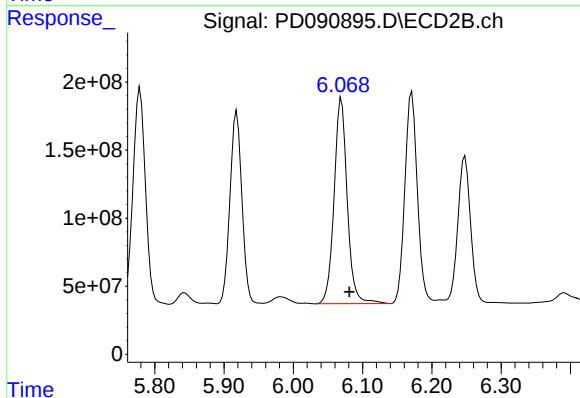
R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 2169527291
Conc: 649.32 ng/ml



#27 Chlordane-5

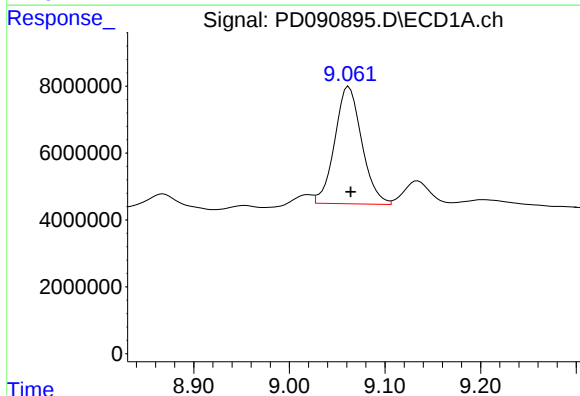
R.T.: 0.000 min
Exp R.T.: 6.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD



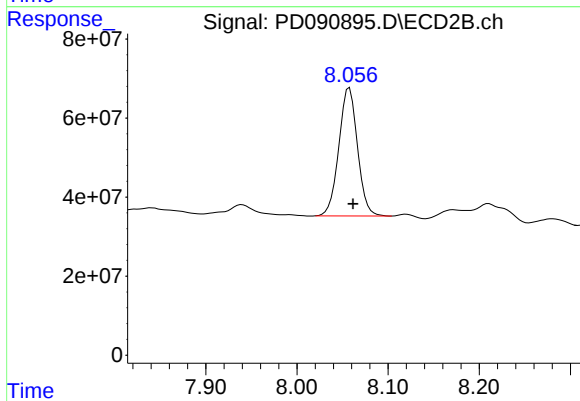
#27 Chlordane-5

R.T.: 6.070 min
Delta R.T.: -0.011 min
Response: 1995589316
Conc: 1351.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 69061444
Conc: 14.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 461511960
Conc: 15.24 ng/ml