

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
 Data File : PD091378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2025 15:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

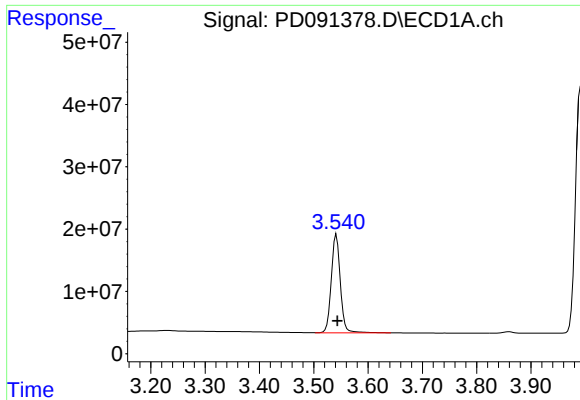
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 03:35:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.542	2.872	183.2E6	2093.0E6	53.119	57.139
28)	SA Decachlor...	9.063	8.058	232.2E6	1717.5E6	46.606	43.398
Target Compounds							
2)	A alpha-BHC	3.991	3.383	445.4E6	3685.7E6	55.704	58.315
3)	MA gamma-BHC...	4.322	3.719	413.4E6	3378.7E6	55.322	58.434
4)	MA Heptachlor	4.920	4.071	380.1E6	3245.3E6	53.077	58.781
5)	MB Aldrin	5.261	4.357	380.4E6	3317.5E6	52.425	58.759
6)	B beta-BHC	4.510	4.016	151.7E6	1366.0E6	52.221	56.854
7)	B delta-BHC	4.758	4.252	403.4E6	3409.5E6	54.281	58.304
8)	B Heptachlo...	5.682	4.860	333.8E6	2871.5E6	51.385	56.349
9)	A Endosulfan I	6.065	5.234	302.4E6	2561.9E6	49.223	53.539
10)	B gamma-Chl...	5.937	5.113	325.4E6	3124.6E6	50.062	57.198
11)	B alpha-Chl...	6.018	5.177	326.7E6	2965.1E6	47.466	56.659
12)	B 4,4'-DDE	6.188	5.362	285.5E6	3044.0E6	49.228	56.959
13)	MA Dieldrin	6.338	5.500	321.1E6	3030.3E6	49.665	55.796
14)	MA Endrin	6.565	5.777	255.7E6	2654.5E6	51.506	58.737
15)	B Endosulfa...	6.779	6.069	266.6E6	2466.3E6	47.948	52.834
16)	A 4,4'-DDD	6.698	5.917	232.7E6	2515.6E6	47.375	51.478
17)	MA 4,4'-DDT	7.014	6.171	217.5E6	2269.5E6	52.592	57.996
18)	B Endrin al...	6.908	6.247	197.5E6	1809.6E6	47.403	51.281
19)	B Endosulfa...	7.143	6.470	240.9E6	2283.1E6	46.833	50.923
20)	A Methoxychlor	7.487	6.741	104.5E6	1060.7E6	48.083	52.899
21)	B Endrin ke...	7.624	6.979	266.8E6	2369.1E6	47.351	46.493
22)	Mirex	8.106	7.172	162.9E6	1506.5E6	45.798	45.458
23)	Chlordane-1	0.000	3.885	0	885059	N.D.	0.514 #
24)	Chlordane-2	5.261f	4.494	380.4E6	85655458	1540.589	48.917 #
25)	Chlordane-3	5.937	5.113	325.4E6	3124.6E6	337.297	543.066 #
26)	Chlordane-4	6.018	5.177	326.7E6	2965.1E6	271.977	619.841 #
27)	Chlordane-5	0.000	6.069	0	2466.3E6	N.D.	1215.404 #

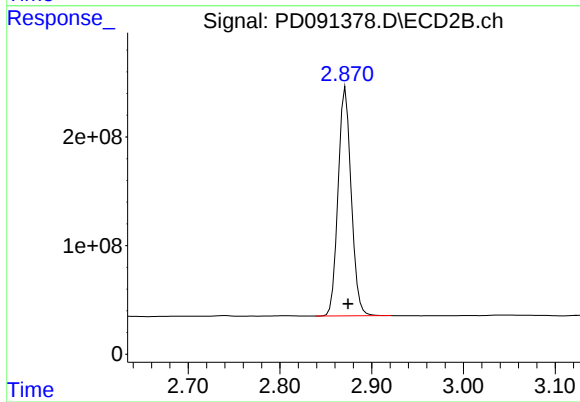
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

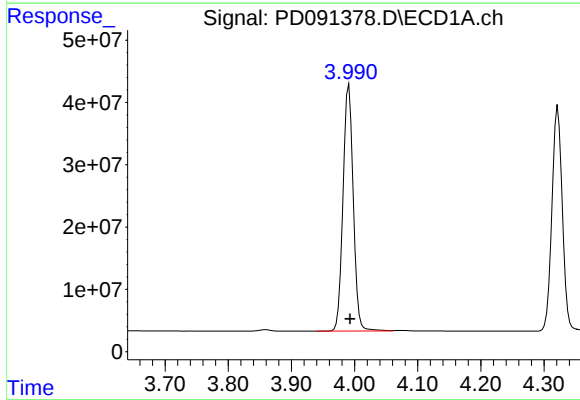
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 183187452
Conc: 53.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



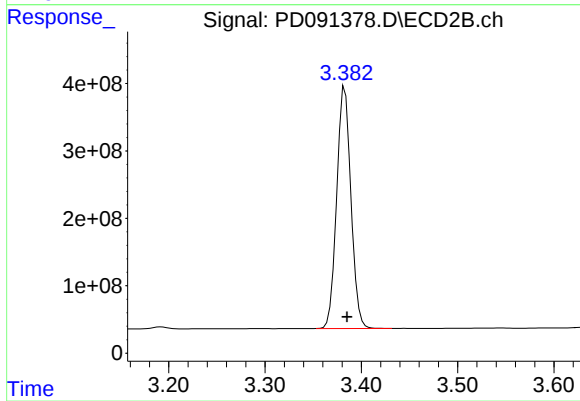
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.003 min
Response: 2093013159
Conc: 57.14 ng/ml



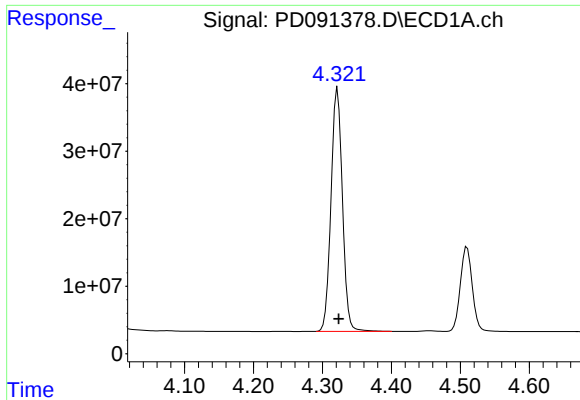
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 445379706
Conc: 55.70 ng/ml



#2 alpha-BHC

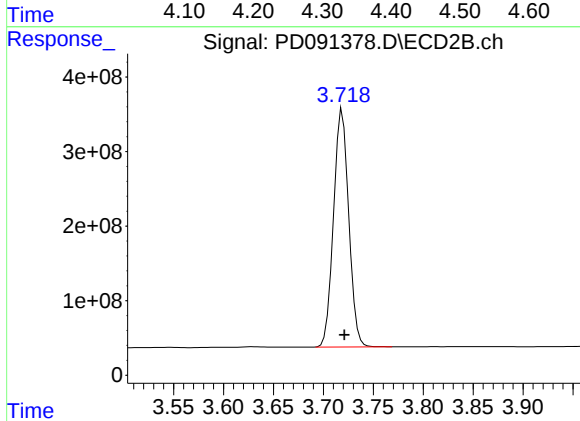
R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3685691284
Conc: 58.32 ng/ml



#3 gamma-BHC (Lindane)

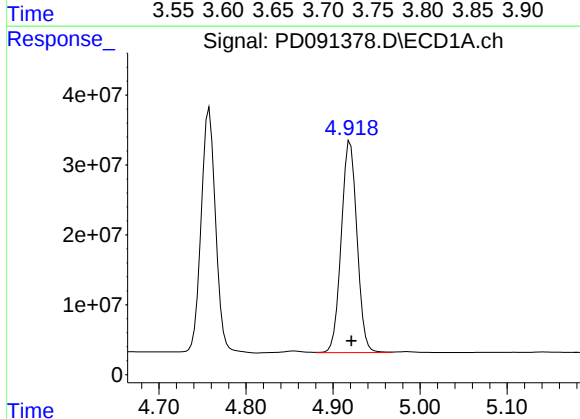
R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 413410785
Conc: 55.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



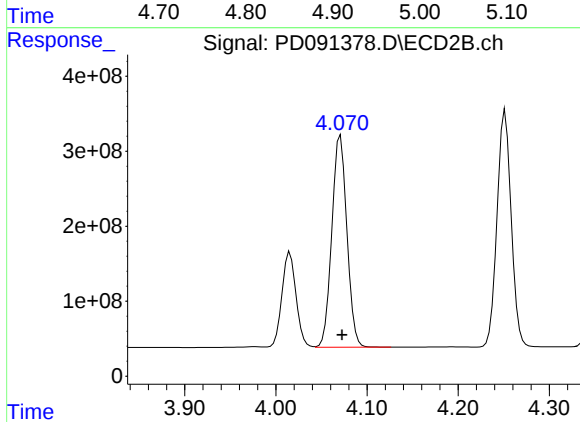
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 3378718574
Conc: 58.43 ng/ml



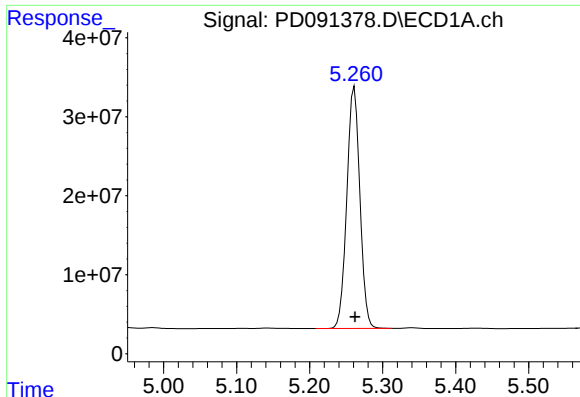
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 380123325
Conc: 53.08 ng/ml



#4 Heptachlor

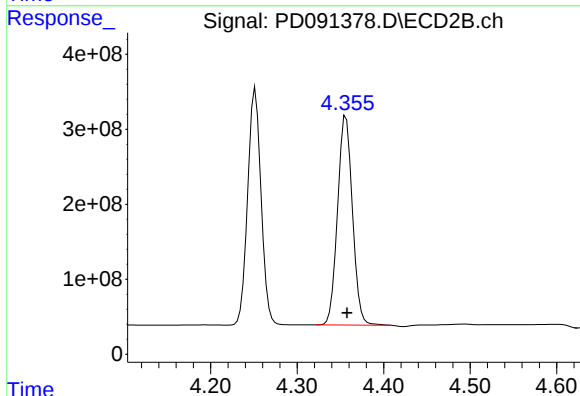
R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 3245251080
Conc: 58.78 ng/ml



#5 Aldrin

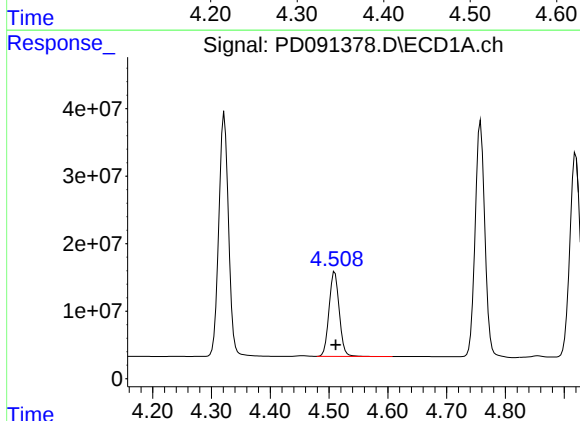
R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 380417802
Conc: 52.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



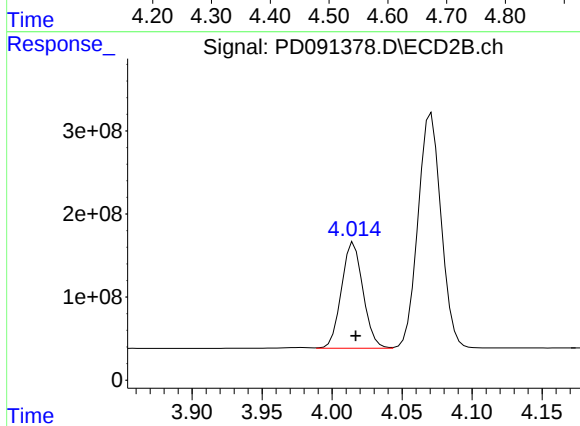
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 3317461592
Conc: 58.76 ng/ml



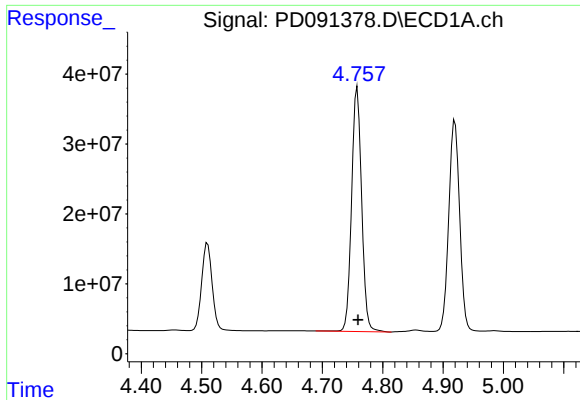
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 151729346
Conc: 52.22 ng/ml



#6 beta-BHC

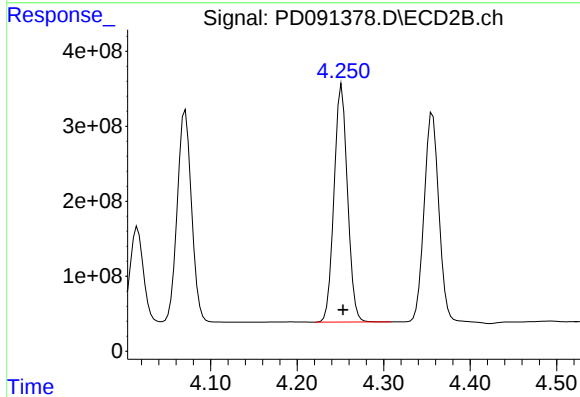
R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 1366043464
Conc: 56.85 ng/ml



#7 delta-BHC

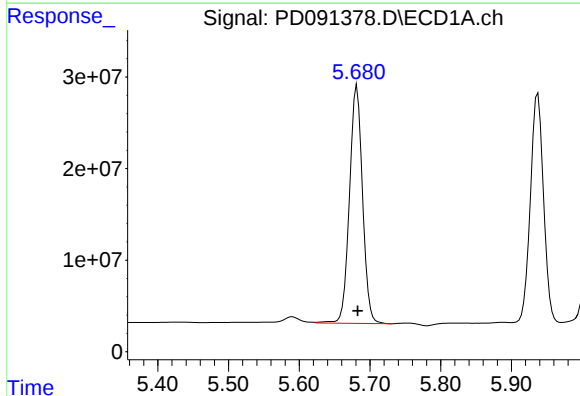
R.T.: 4.758 min
Delta R.T.: -0.001 min
Response: 403423162
Conc: 54.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



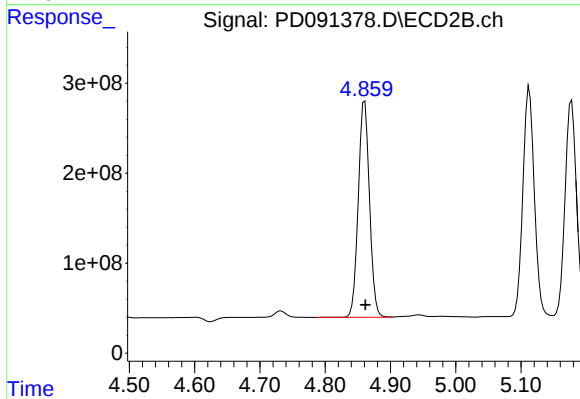
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 3409452631
Conc: 58.30 ng/ml



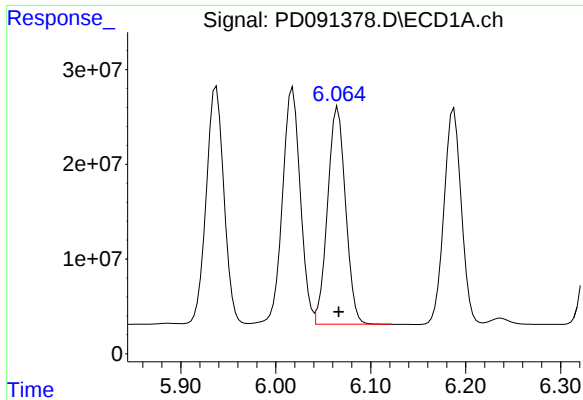
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 333833101
Conc: 51.38 ng/ml



#8 Heptachlor epoxide

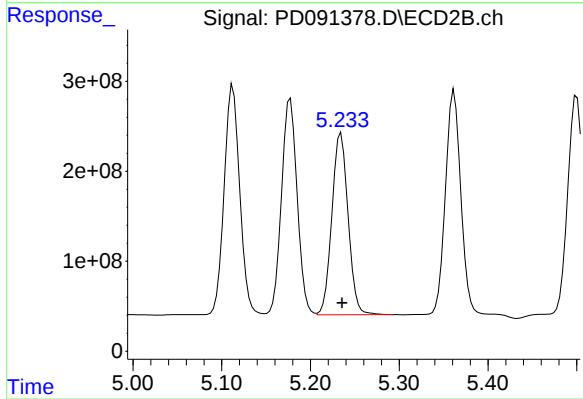
R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 2871472731
Conc: 56.35 ng/ml



#9 Endosulfan I

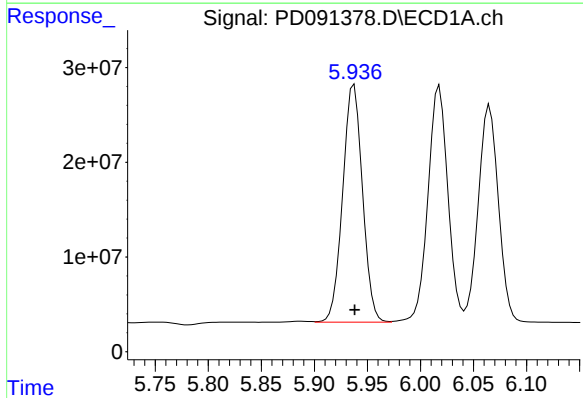
R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 302376022
Conc: 49.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



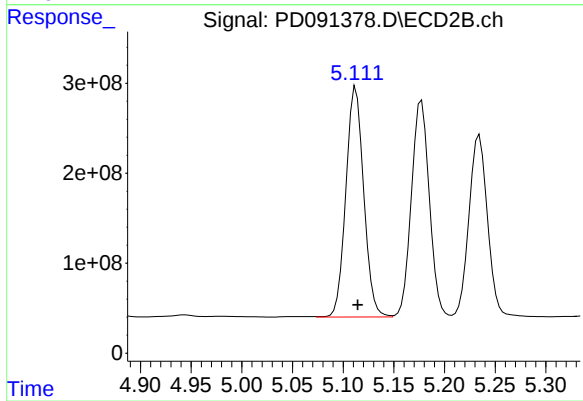
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 2561939046
Conc: 53.54 ng/ml



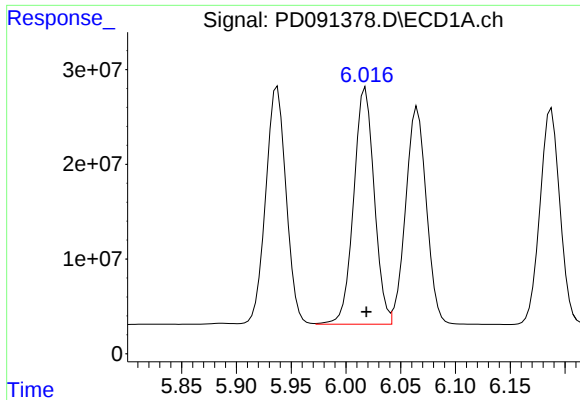
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 325439027
Conc: 50.06 ng/ml



#10 gamma-Chlordane

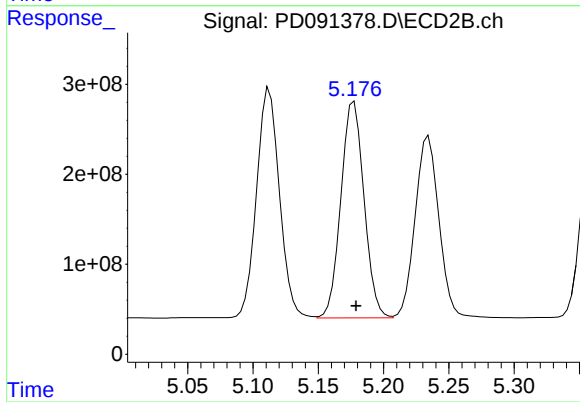
R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 3124572931
Conc: 57.20 ng/ml



#11 alpha-Chlordane

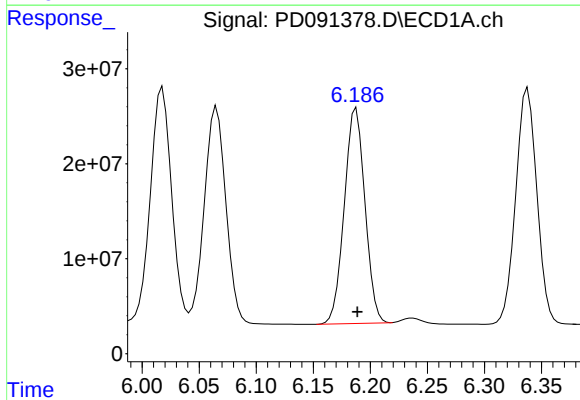
R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 326700280
Conc: 47.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



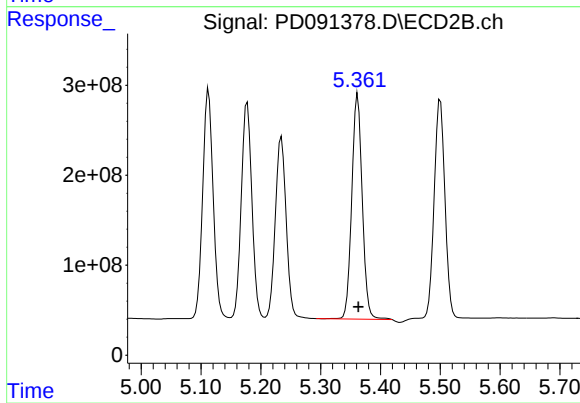
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2965050382
Conc: 56.66 ng/ml



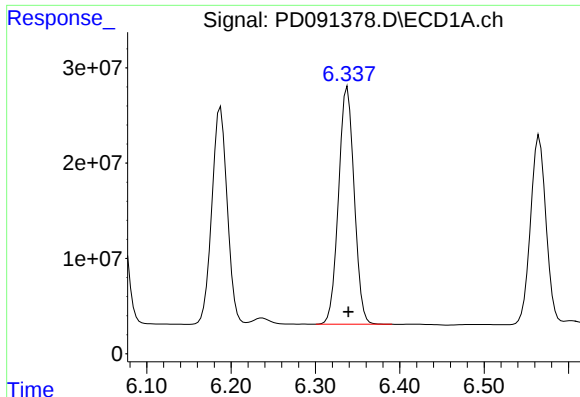
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 285493121
Conc: 49.23 ng/ml



#12 4,4'-DDE

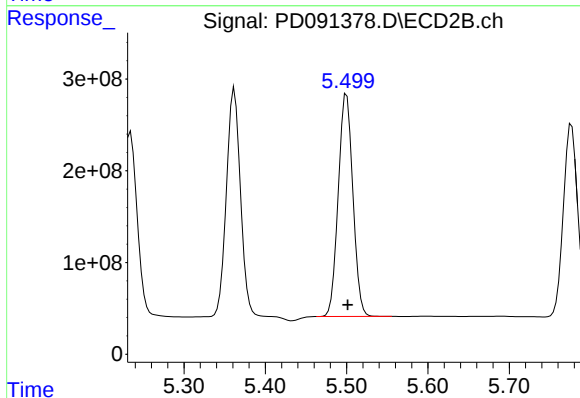
R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 3044017271
Conc: 56.96 ng/ml



#13 Dieldrin

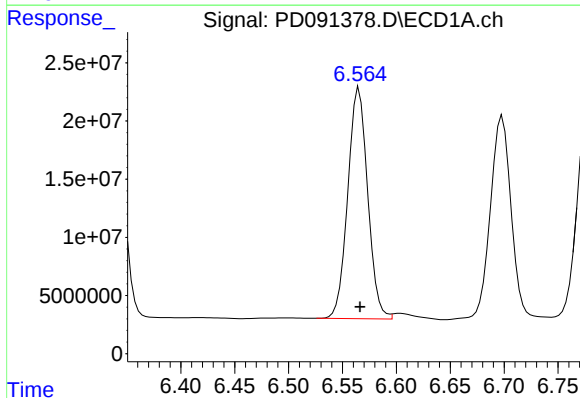
R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 321078570
Conc: 49.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



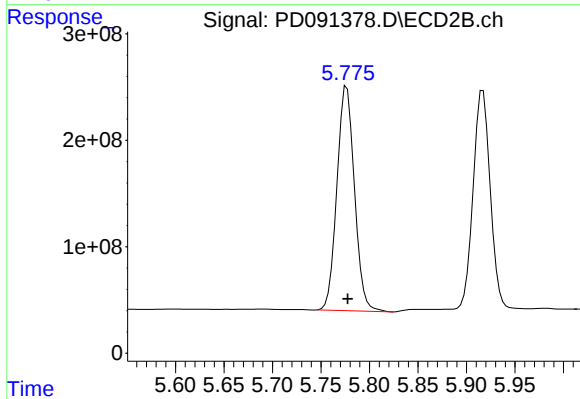
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 3030349234
Conc: 55.80 ng/ml



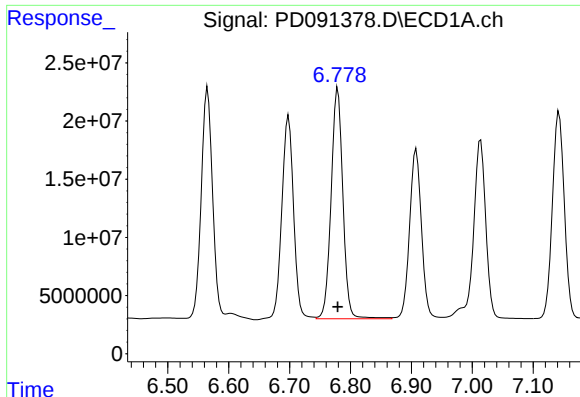
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 255650587
Conc: 51.51 ng/ml



#14 Endrin

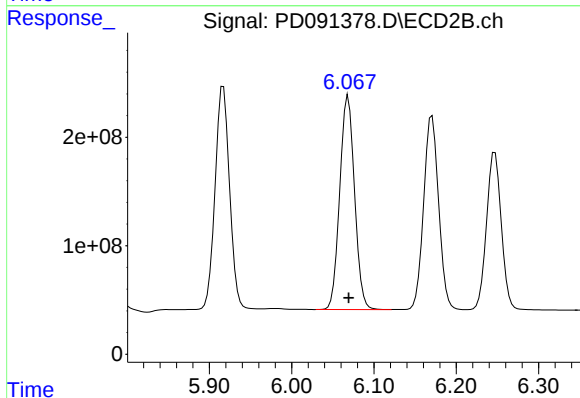
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2654485807
Conc: 58.74 ng/ml



#15 Endosulfan II

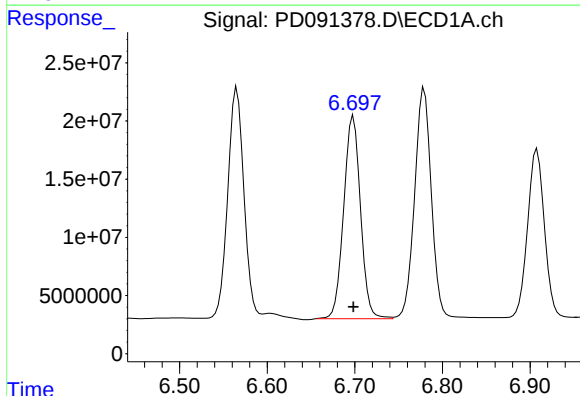
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 266556395
Conc: 47.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



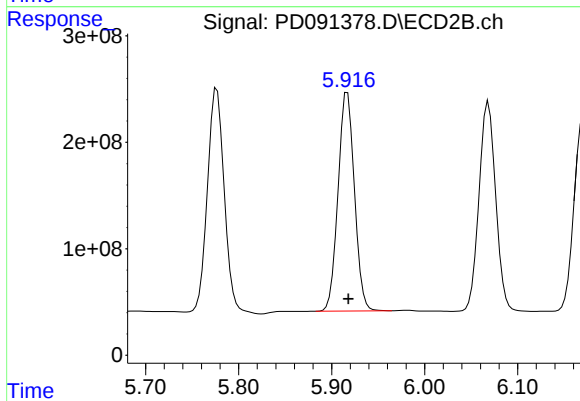
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2466301762
Conc: 52.83 ng/ml



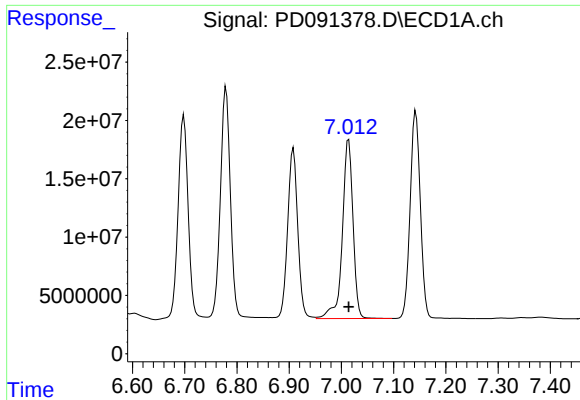
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 232682684
Conc: 47.38 ng/ml



#16 4,4'-DDD

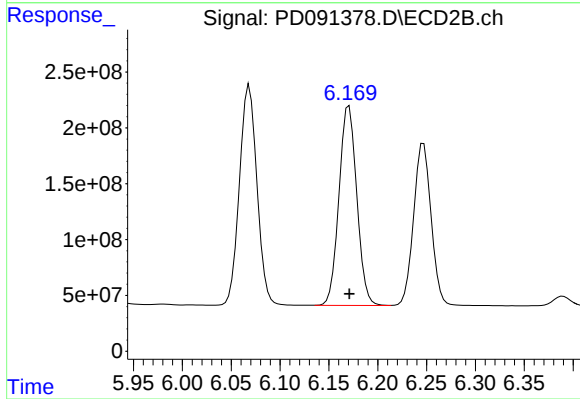
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 2515629990
Conc: 51.48 ng/ml



#17 4,4'-DDT

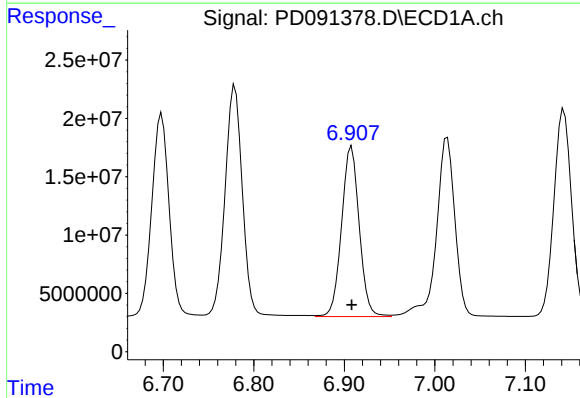
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 217495695
Conc: 52.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



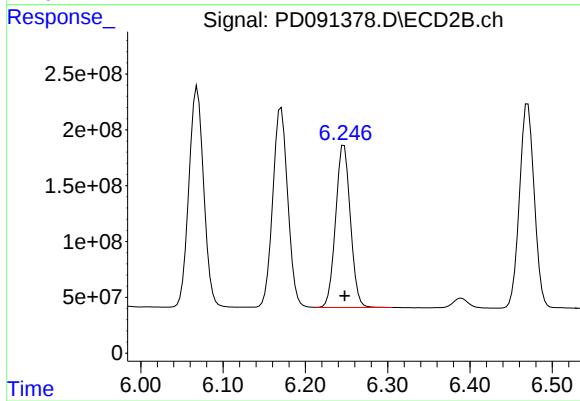
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 2269516774
Conc: 58.00 ng/ml



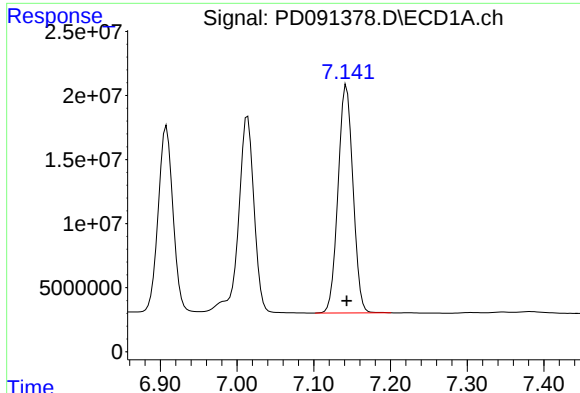
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 197481290
Conc: 47.40 ng/ml



#18 Endrin aldehyde

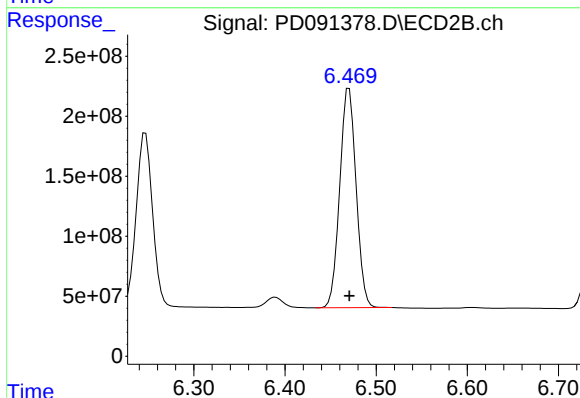
R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 1809642105
Conc: 51.28 ng/ml



#19 Endosulfan Sulfate

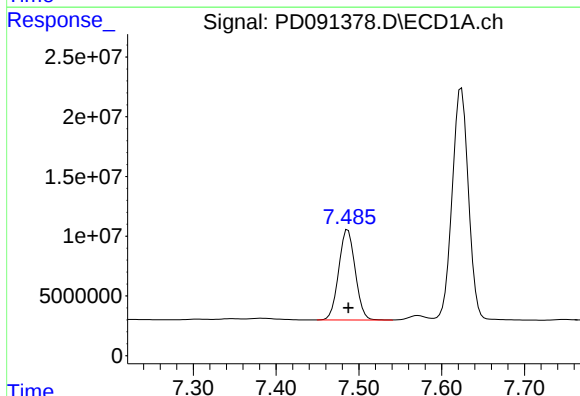
R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 240946291
Conc: 46.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



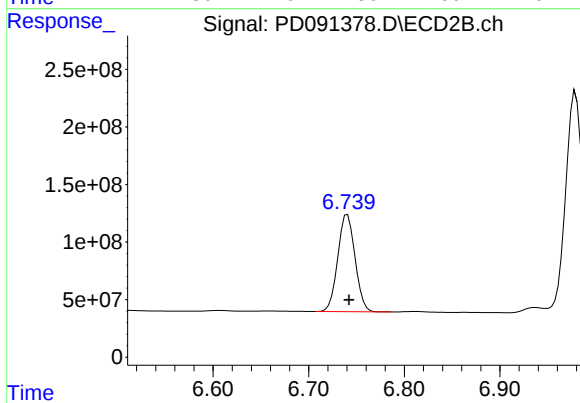
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2283120013
Conc: 50.92 ng/ml



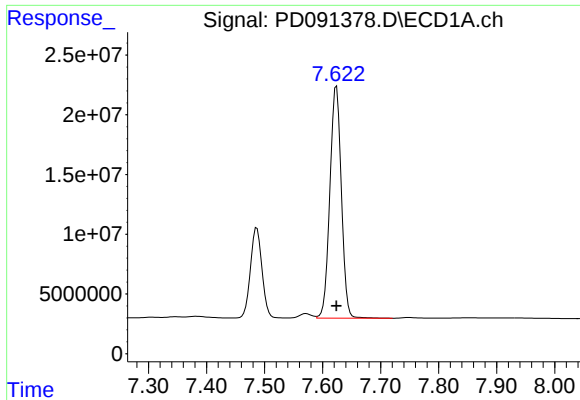
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 104548994
Conc: 48.08 ng/ml



#20 Methoxychlor

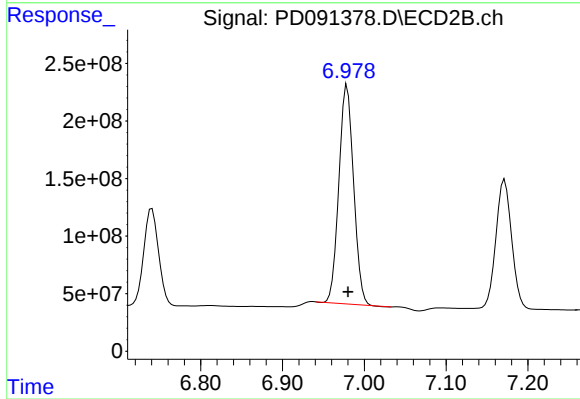
R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 1060705355
Conc: 52.90 ng/ml



#21 Endrin ketone

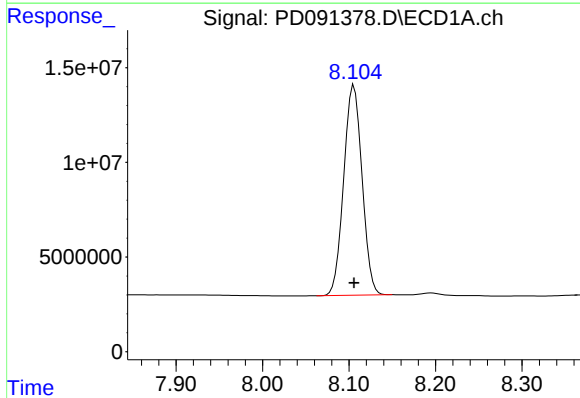
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 266754497
Conc: 47.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



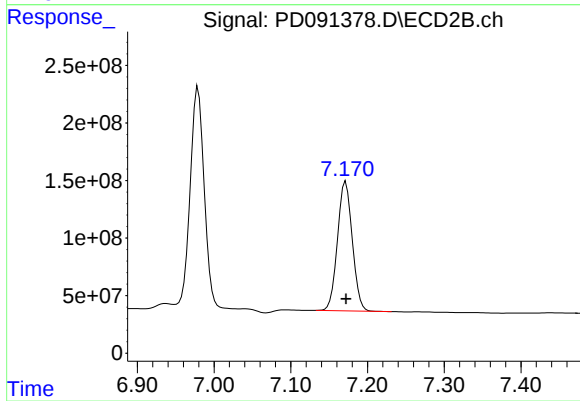
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 2369072231
Conc: 46.49 ng/ml



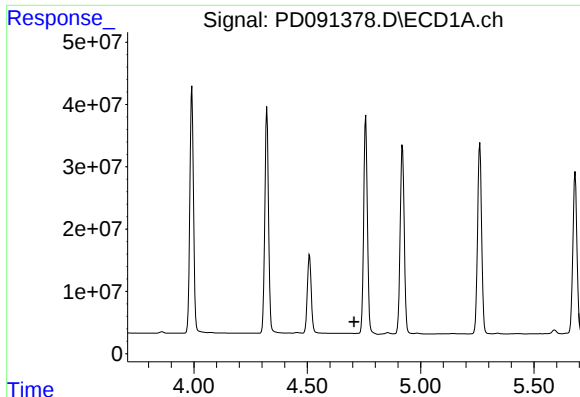
#22 Mirex

R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 162905701
Conc: 45.80 ng/ml



#22 Mirex

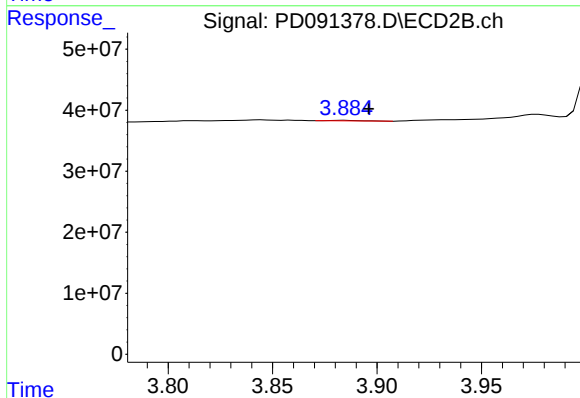
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 1506472421
Conc: 45.46 ng/ml



#23 Chlordane-1

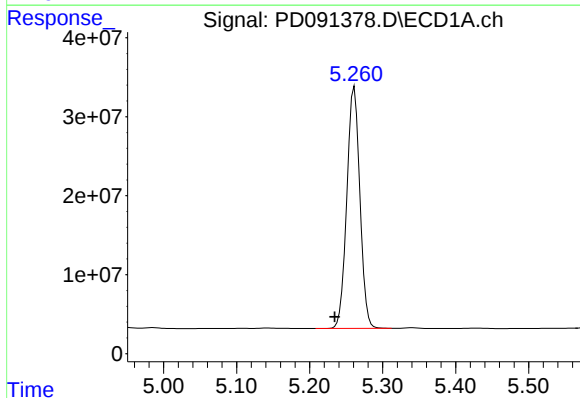
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



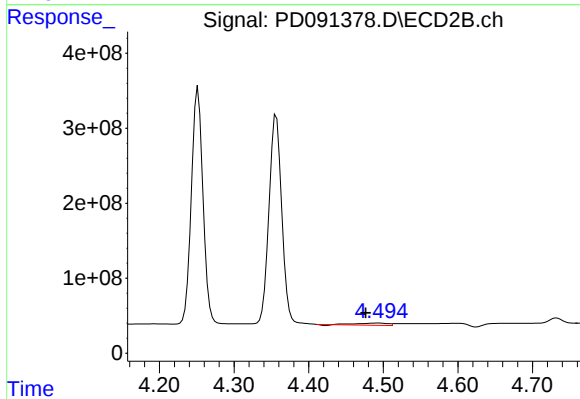
#23 Chlordane-1

R.T.: 3.885 min
Delta R.T.: -0.011 min
Response: 885059
Conc: 0.51 ng/ml



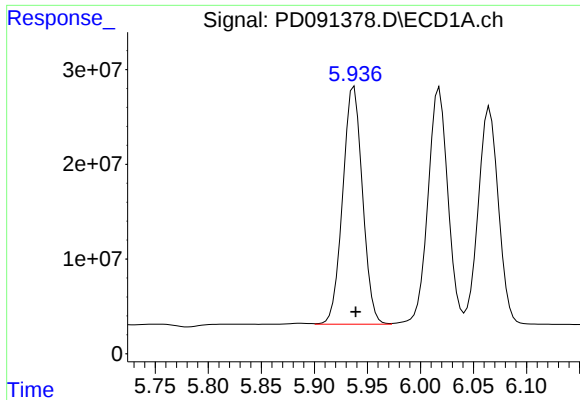
#24 Chlordane-2

R.T.: 5.261 min
Delta R.T.: 0.027 min
Response: 380417802
Conc: 1540.59 ng/ml



#24 Chlordane-2

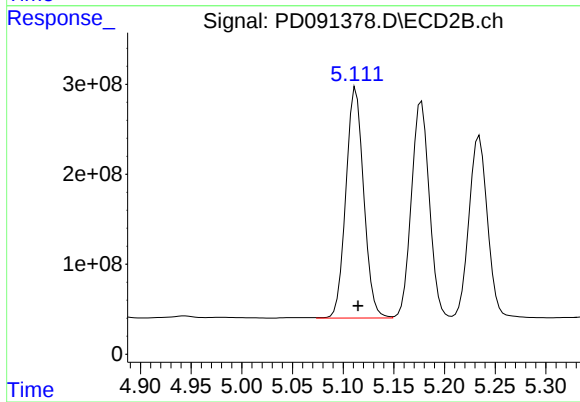
R.T.: 4.494 min
Delta R.T.: 0.017 min
Response: 85655458
Conc: 48.92 ng/ml



#25 Chlordane-3

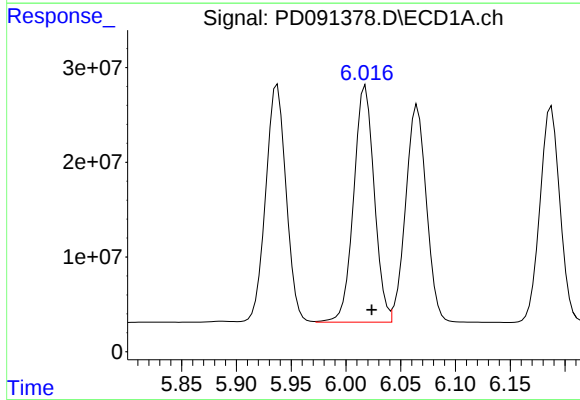
R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 325439027
Conc: 337.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



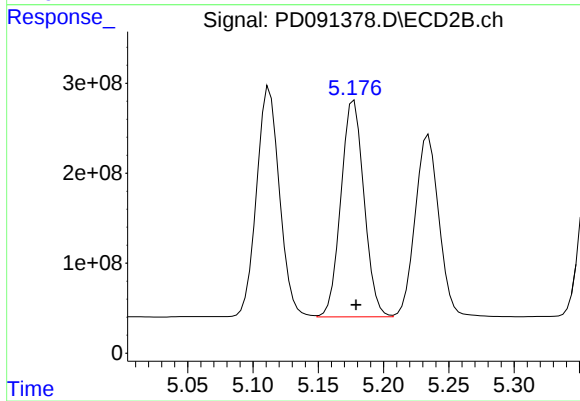
#25 Chlordane-3

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 3124572931
Conc: 543.07 ng/ml



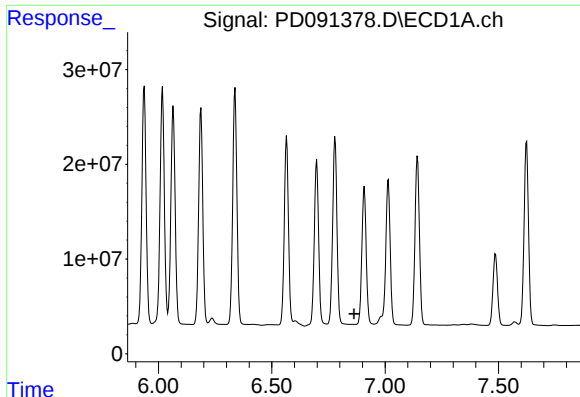
#26 Chlordane-4

R.T.: 6.018 min
Delta R.T.: -0.006 min
Response: 326700280
Conc: 271.98 ng/ml



#26 Chlordane-4

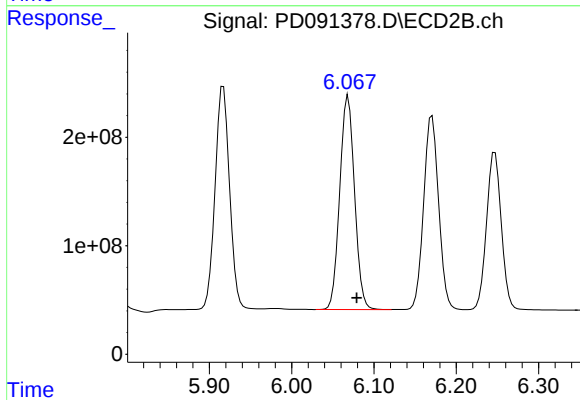
R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2965050382
Conc: 619.84 ng/ml



#27 Chlordane-5

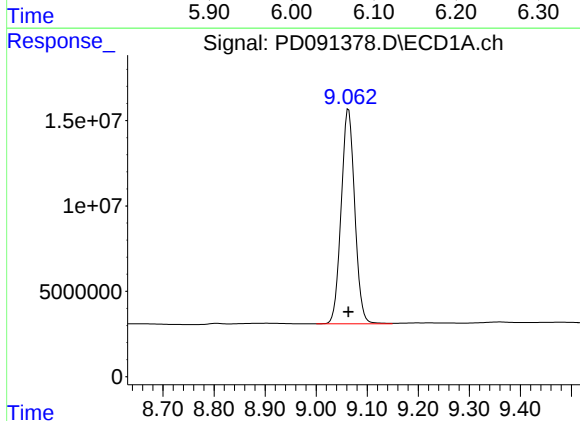
R.T.: 0.000 min
Exp R.T.: 6.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



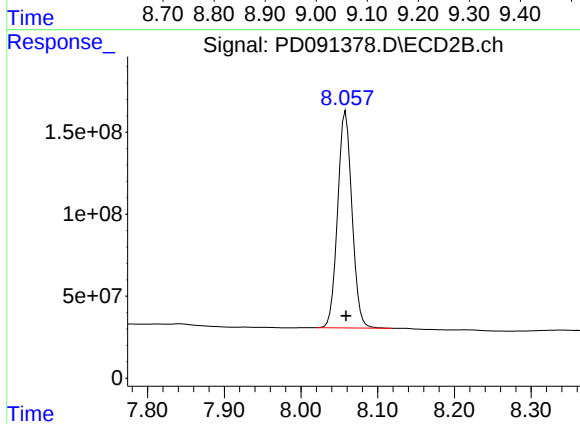
#27 Chlordane-5

R.T.: 6.069 min
Delta R.T.: -0.010 min
Response: 2466301762
Conc: 1215.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 232186720
Conc: 46.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1717475238
Conc: 43.40 ng/ml