

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043025\
 Data File : PD088359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2025 14:28
 Operator : AR\AJ
 Sample : Q1912-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-EMSD

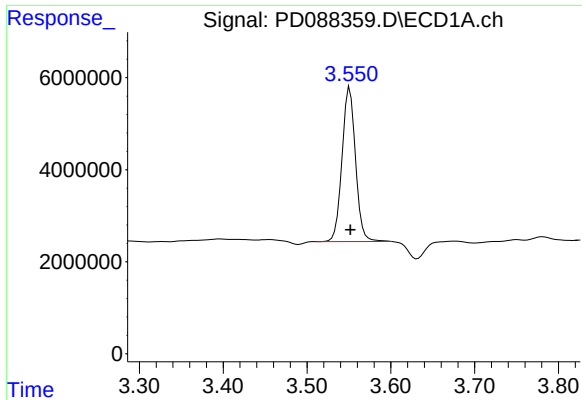
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 00:23:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.551	2.882	37478030	277.1E6	18.763	18.954
2)	SA Decachlor...	9.079	8.076	67210757	278.2E6	20.317	15.056 #
Target Compounds							
2)	A alpha-BHC	4.000	3.395	218.8E6	1052.9E6	50.748	46.057
3)	MA gamma-BHC...	4.331	3.732	220.0E6	940.1E6	52.537	43.645
4)	MA Heptachlor	4.931	4.085	195.5E6	941.6E6	48.406	44.005
5)	MB Aldrin	5.272	4.371	205.0E6	887.8E6	51.901	42.677
6)	B beta-BHC	4.516	4.027	68244246	478.0E6	42.038	51.656
7)	B delta-BHC	4.764	4.264	208.0E6	949.7E6	50.422	44.665
8)	B Heptachlo...	5.692	4.875	172.7E6	843.7E6	48.313	44.652
9)	A Endosulfan I	6.075	5.251	192.8E6	836.6E6	57.092	46.445
10)	B gamma-Chl...	5.947	5.128	182.8E6	915.6E6	50.472	45.110
11)	B alpha-Chl...	6.028	5.193	182.3E6	881.3E6	50.514	44.956
12)	B 4,4'-DDE	6.197	5.378	125.7E6	801.8E6	38.109	40.714
13)	MA Dieldrin	6.349	5.516	176.8E6	891.3E6	49.532	44.713
14)	MA Endrin	6.576	5.792	149.8E6	926.5E6	50.240	50.902
15)	B Endosulfa...	6.787	6.083	138.0E6	870.3E6	44.138	49.671
16)	A 4,4'-DDD	6.705	5.933	125.6E6	612.0E6	49.956	37.346 #
17)	MA 4,4'-DDT	7.022	6.186	119.9E6	591.8E6	43.182	34.779
18)	B Endrin al...	6.916	6.261	118.7E6	586.3E6	51.451	44.078
19)	B Endosulfa...	7.150	6.485	132.0E6	671.7E6	45.891	39.204
20)	A Methoxychlor	7.494	6.757	51744114	299.9E6	34.507	32.884
21)	B Endrin ke...	7.632	6.993	137.1E6	625.5E6	44.424	33.443
22)	Mirex	8.114	7.188	-49354184	491.3E6	N.D.	33.150
23)	Chlordane-1	4.688f	3.902	8392677	73184377	50.514	91.286 #
24)	Chlordane-2	5.272f	4.507	205.0E6	7216557	1230.942	8.744 #
25)	Chlordane-3	5.947	5.128	182.8E6	915.6E6	271.021	362.019 #
26)	Chlordane-4	6.028	5.193	182.3E6	881.3E6	223.631	412.156 #
27)	Chlordane-5	6.867	6.083	6409181	870.3E6	47.171	901.394 #

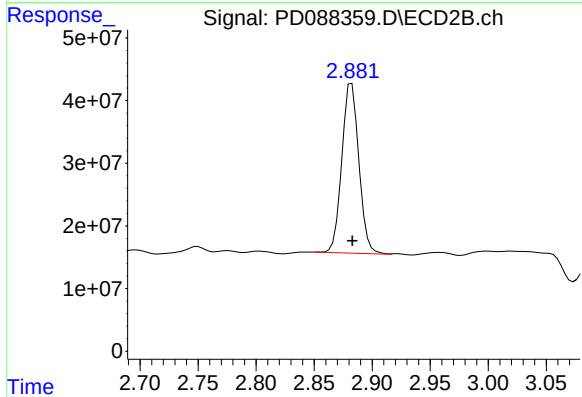
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

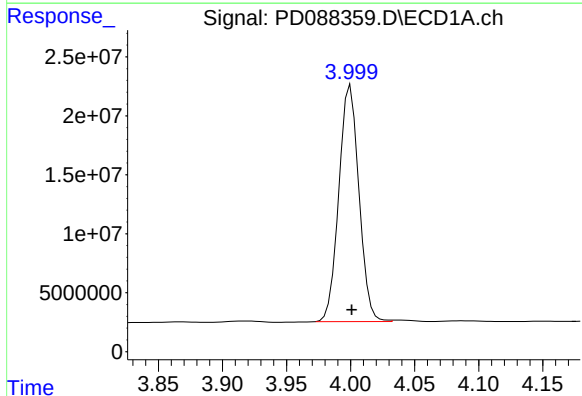
R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 37478030
Conc: 18.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



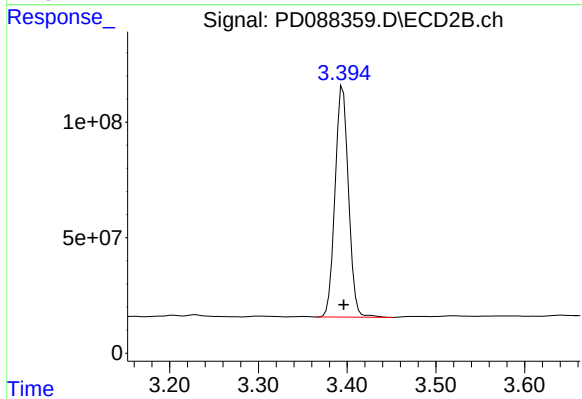
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 277142670
Conc: 18.95 ng/ml



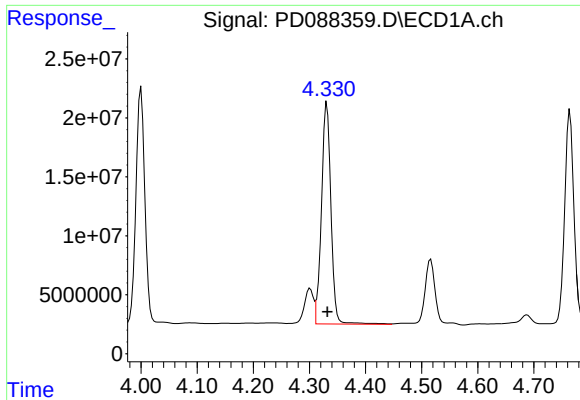
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 218826922
Conc: 50.75 ng/ml



#2 alpha-BHC

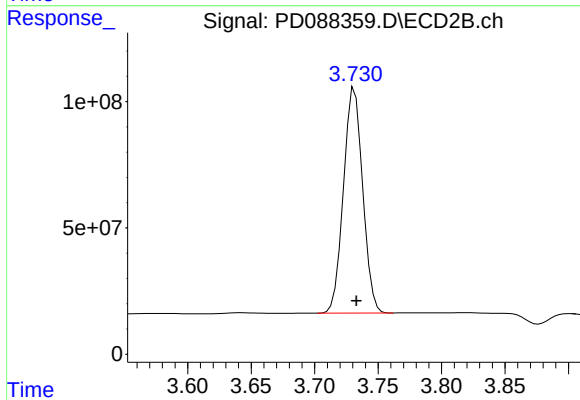
R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 1052940224
Conc: 46.06 ng/ml



#3 gamma-BHC (Lindane)

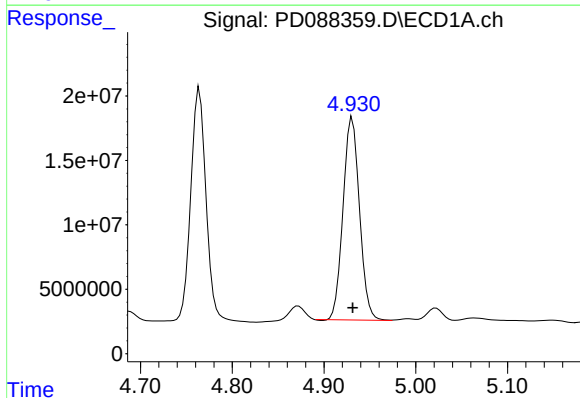
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 219999173
Conc: 52.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



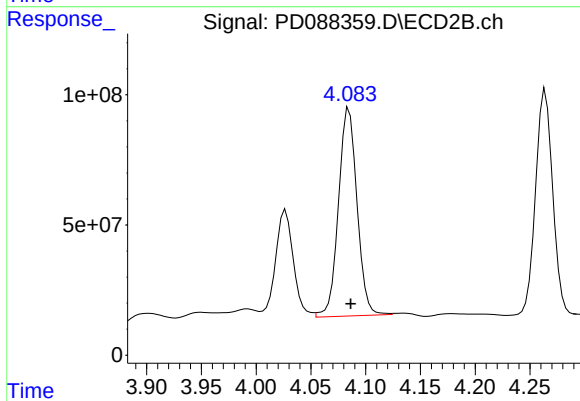
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 940059119
Conc: 43.65 ng/ml



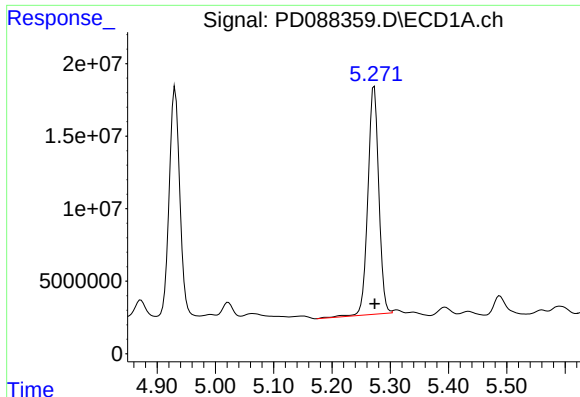
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 195509598
Conc: 48.41 ng/ml



#4 Heptachlor

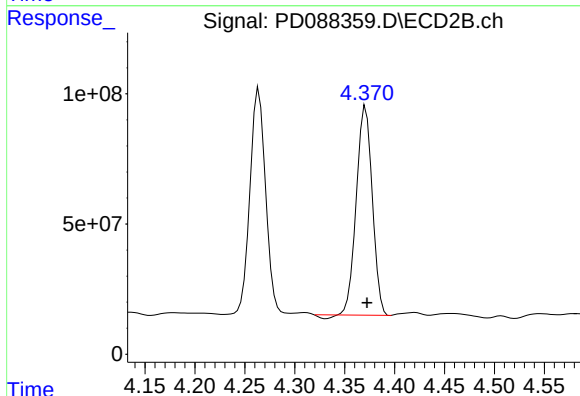
R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 941621157
Conc: 44.00 ng/ml



#5 Aldrin

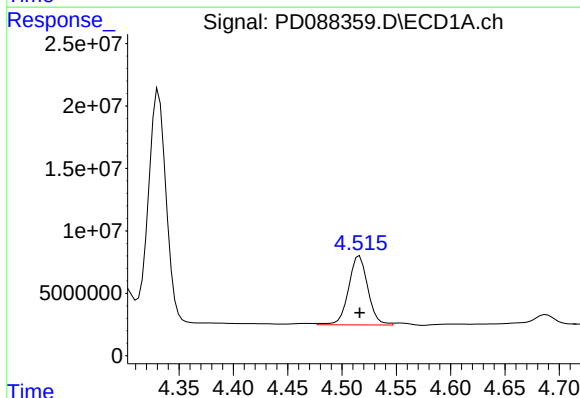
R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 204987317
Conc: 51.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



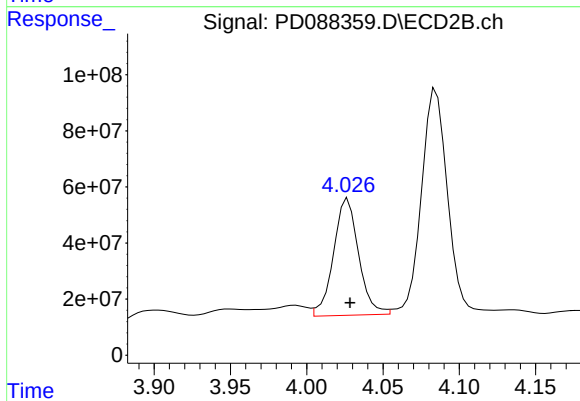
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 887806060
Conc: 42.68 ng/ml



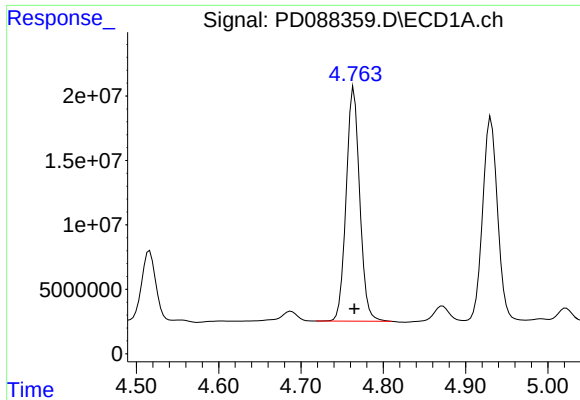
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 68244246
Conc: 42.04 ng/ml



#6 beta-BHC

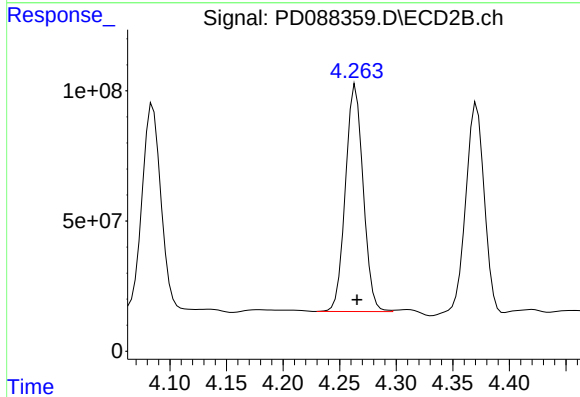
R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 478032629
Conc: 51.66 ng/ml



#7 delta-BHC

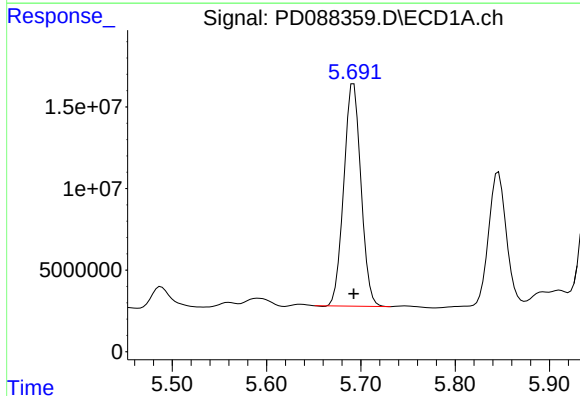
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 207991264
Conc: 50.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



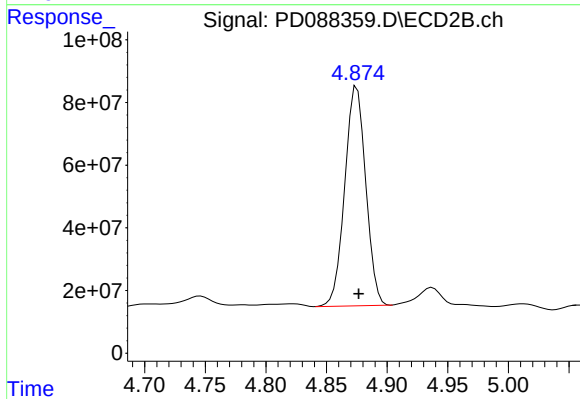
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 949653984
Conc: 44.67 ng/ml



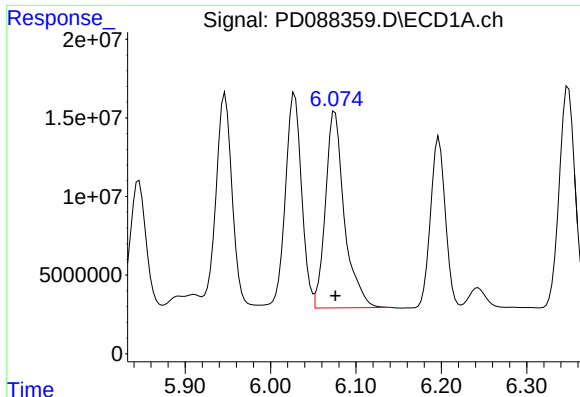
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 172669538
Conc: 48.31 ng/ml



#8 Heptachlor epoxide

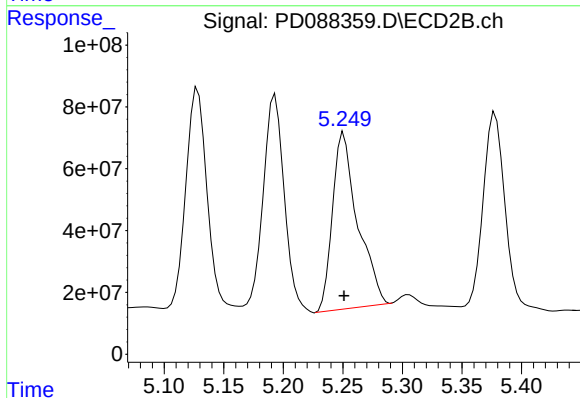
R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 843662499
Conc: 44.65 ng/ml



#9 Endosulfan I

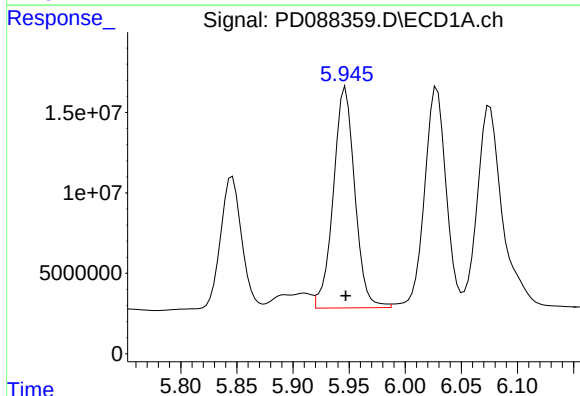
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 192806665
Conc: 57.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



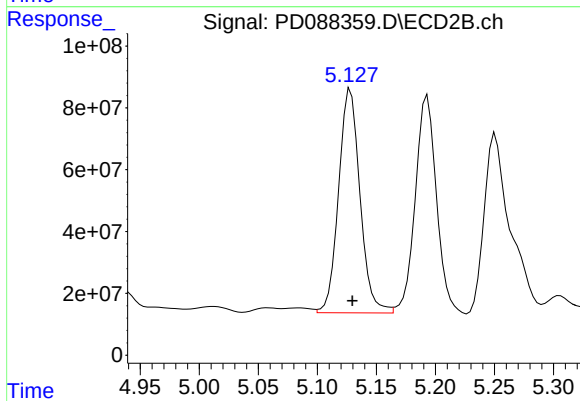
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 836582665
Conc: 46.44 ng/ml



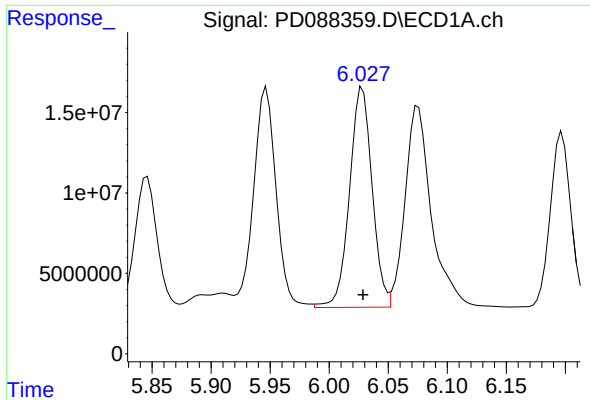
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 182811744
Conc: 50.47 ng/ml



#10 gamma-Chlordane

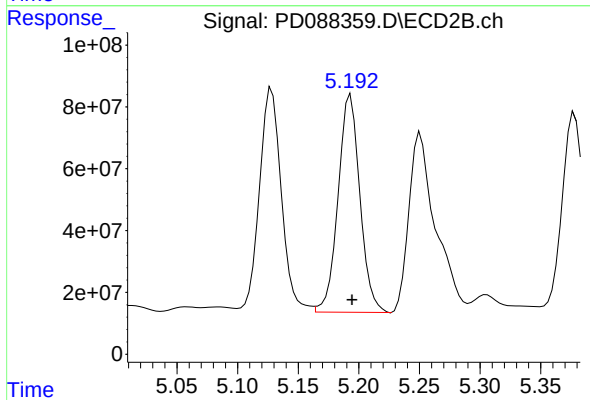
R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 915560270
Conc: 45.11 ng/ml



#11 alpha-Chlordane

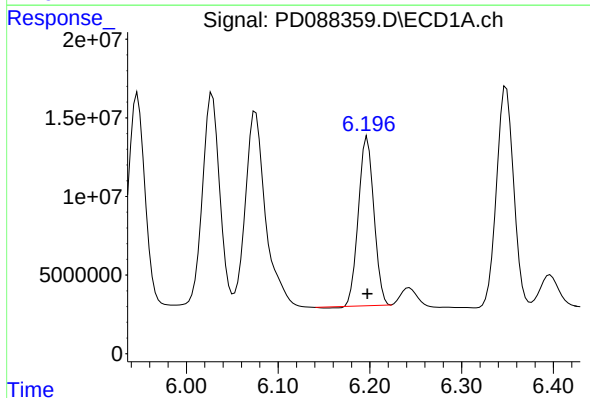
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 182332492
Conc: 50.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



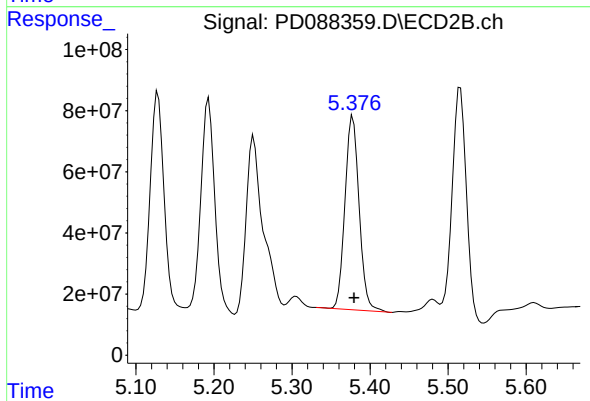
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 881253516
Conc: 44.96 ng/ml



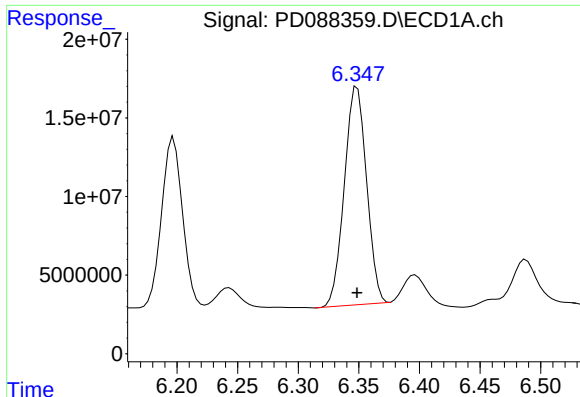
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 125693508
Conc: 38.11 ng/ml



#12 4,4'-DDE

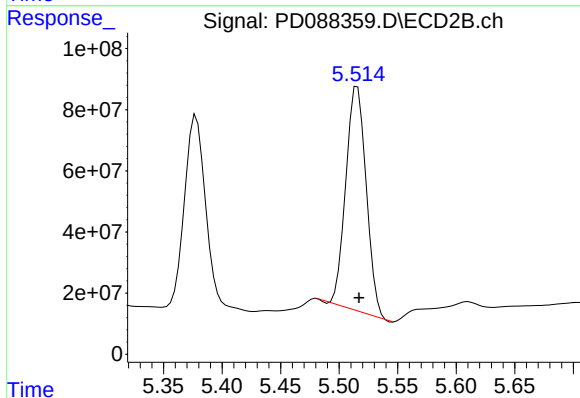
R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 801821425
Conc: 40.71 ng/ml



#13 Dieldrin

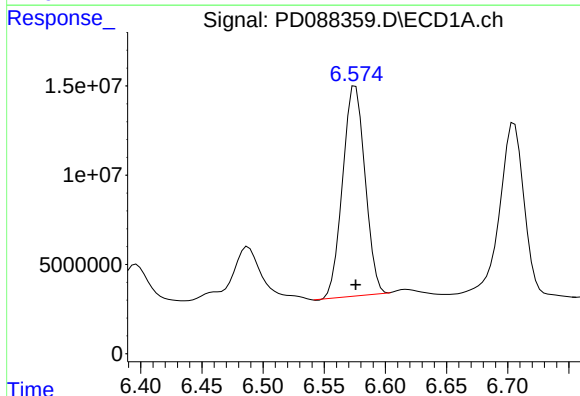
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 176753497
Conc: 49.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



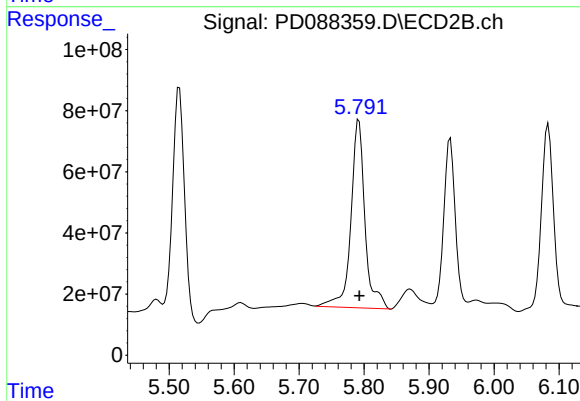
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 891252899
Conc: 44.71 ng/ml



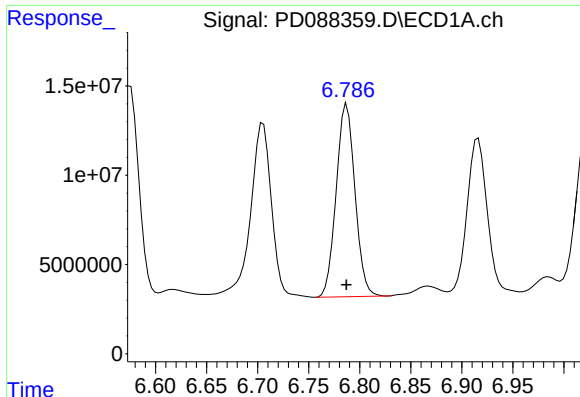
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 149843436
Conc: 50.24 ng/ml



#14 Endrin

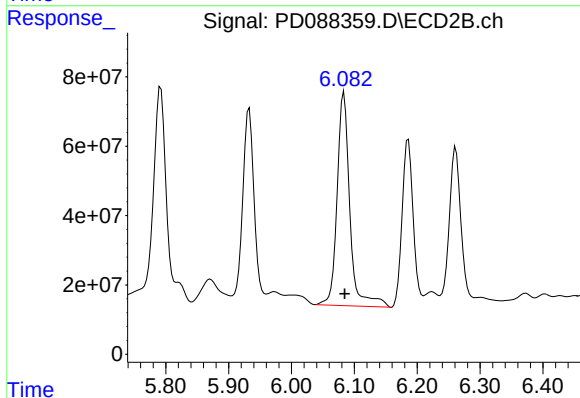
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 926530786
Conc: 50.90 ng/ml



#15 Endosulfan II

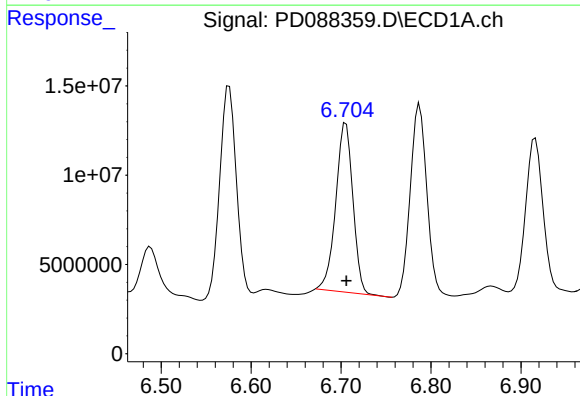
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 137985519
Conc: 44.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



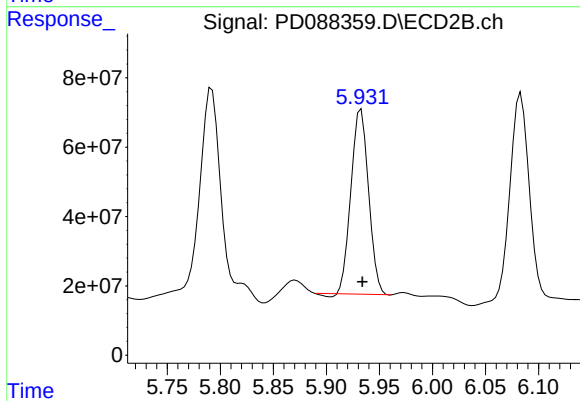
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 870318089
Conc: 49.67 ng/ml



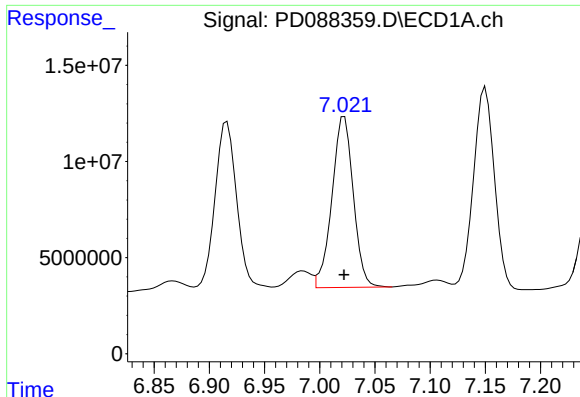
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 125637857
Conc: 49.96 ng/ml



#16 4,4'-DDD

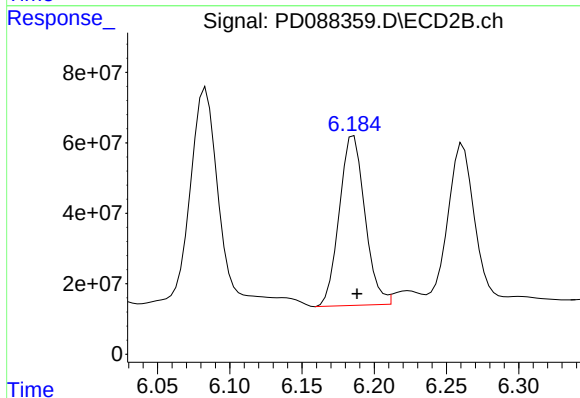
R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 611953663
Conc: 37.35 ng/ml



#17 4,4'-DDT

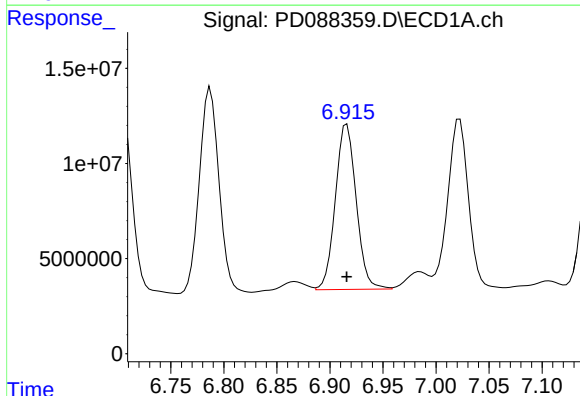
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 119939651
Conc: 43.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



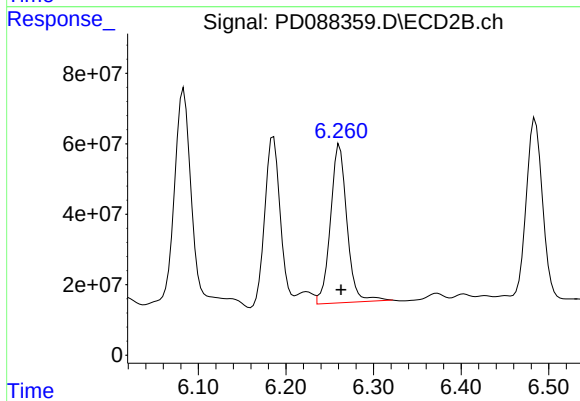
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 591824060
Conc: 34.78 ng/ml



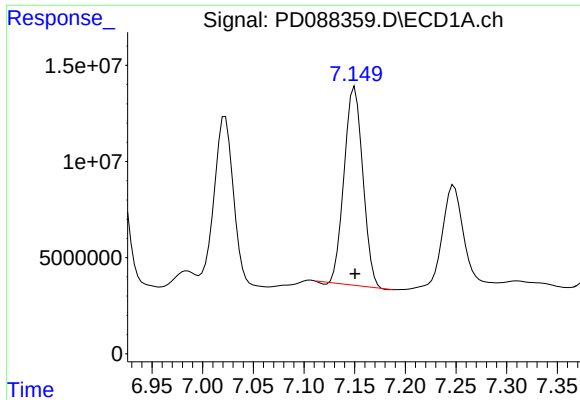
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 118748035
Conc: 51.45 ng/ml



#18 Endrin aldehyde

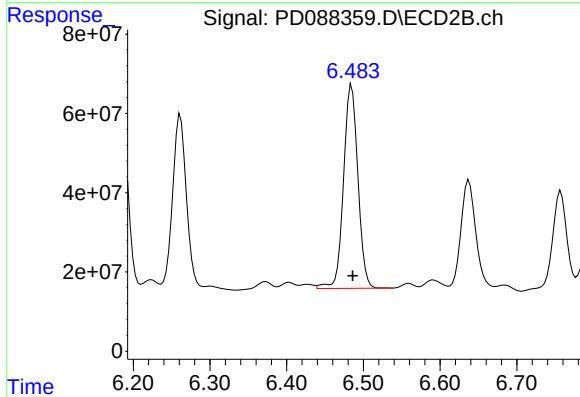
R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 586276344
Conc: 44.08 ng/ml



#19 Endosulfan Sulfate

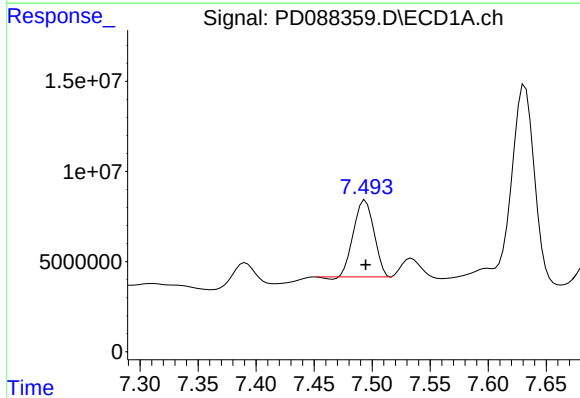
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 131974596
Conc: 45.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



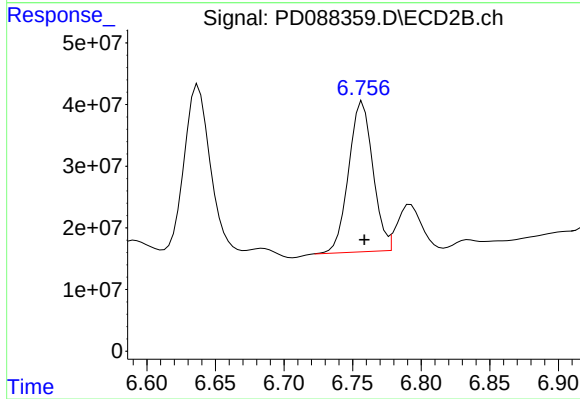
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 671698246
Conc: 39.20 ng/ml



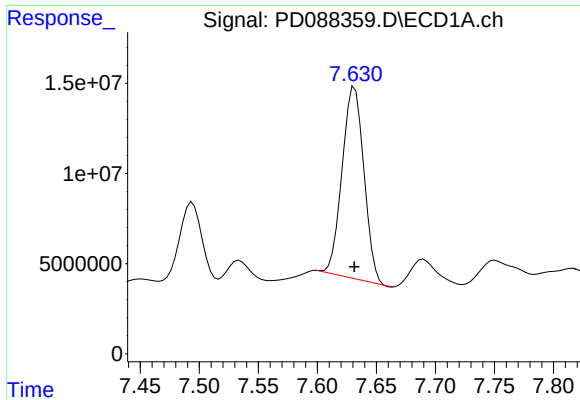
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 51744114
Conc: 34.51 ng/ml



#20 Methoxychlor

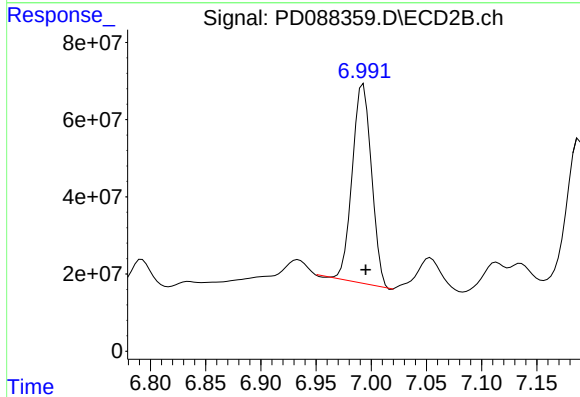
R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 299934075
Conc: 32.88 ng/ml



#21 Endrin ketone

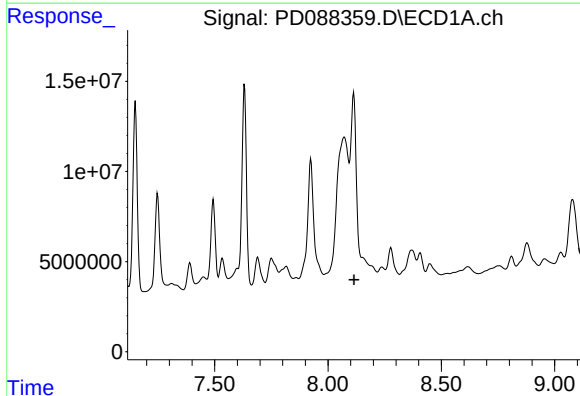
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 137118008
Conc: 44.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



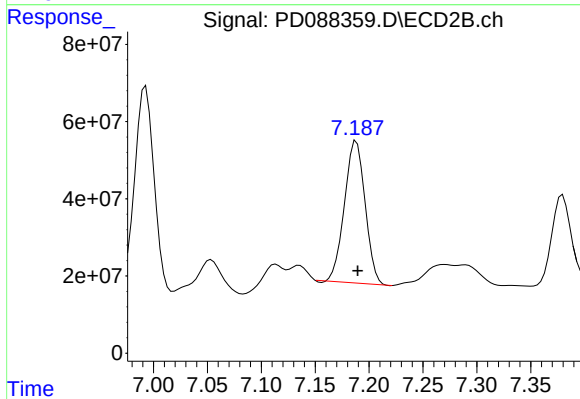
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 625523073
Conc: 33.44 ng/ml



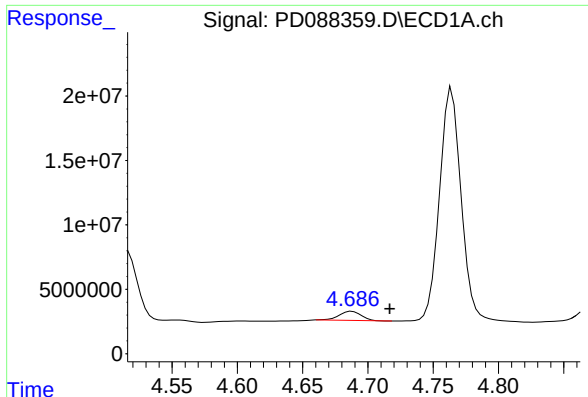
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: -49354184
Conc: N.D.



#22 Mirex

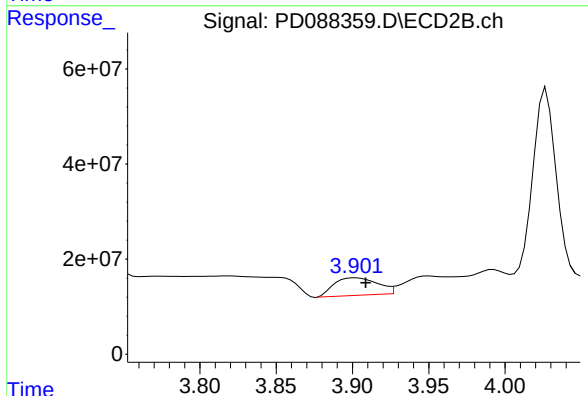
R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 491320644
Conc: 33.15 ng/ml



#23 Chlordane-1

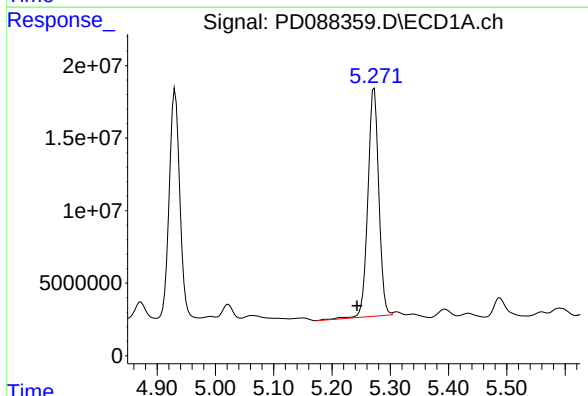
R.T.: 4.688 min
Delta R.T.: -0.029 min
Response: 8392677
Conc: 50.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



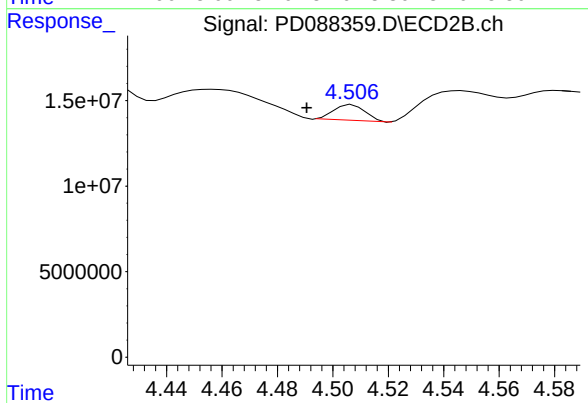
#23 Chlordane-1

R.T.: 3.902 min
Delta R.T.: -0.006 min
Response: 73184377
Conc: 91.29 ng/ml



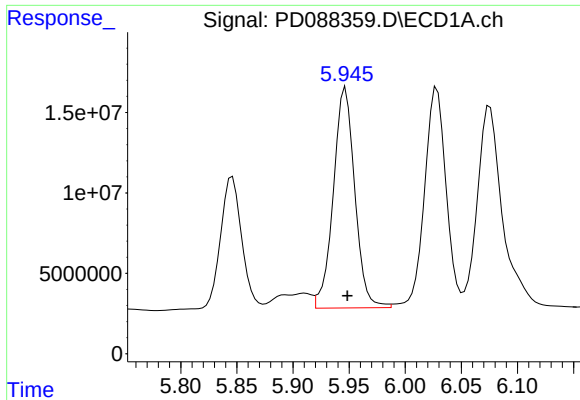
#24 Chlordane-2

R.T.: 5.272 min
Delta R.T.: 0.029 min
Response: 204987317
Conc: 1230.94 ng/ml



#24 Chlordane-2

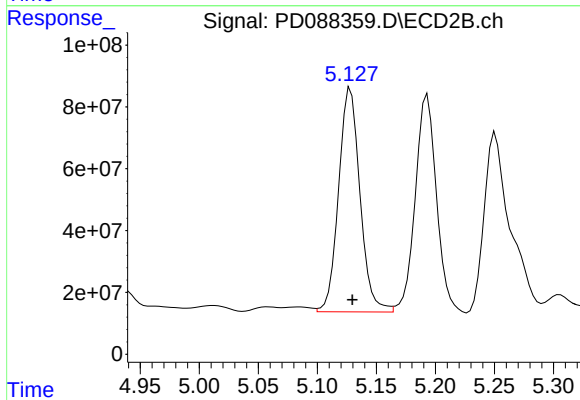
R.T.: 4.507 min
Delta R.T.: 0.016 min
Response: 7216557
Conc: 8.74 ng/ml



#25 Chlordane-3

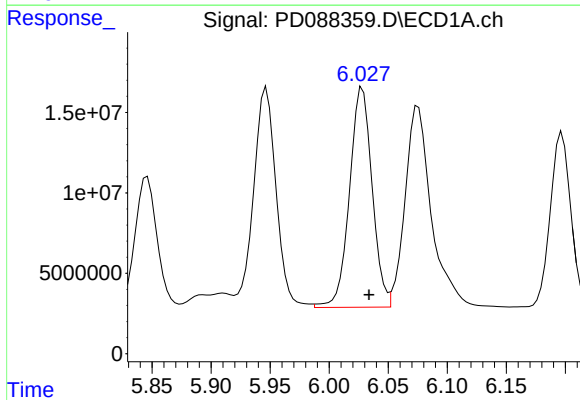
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 182811744
Conc: 271.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



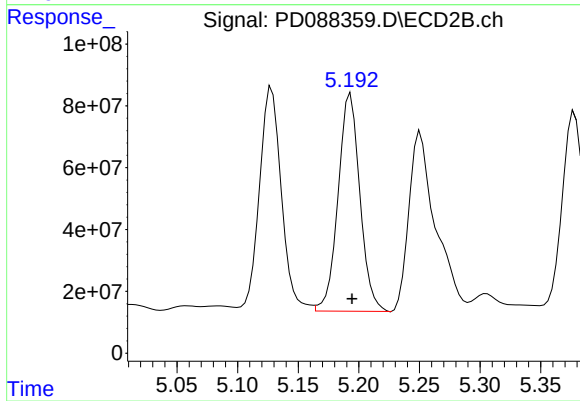
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 915560270
Conc: 362.02 ng/ml



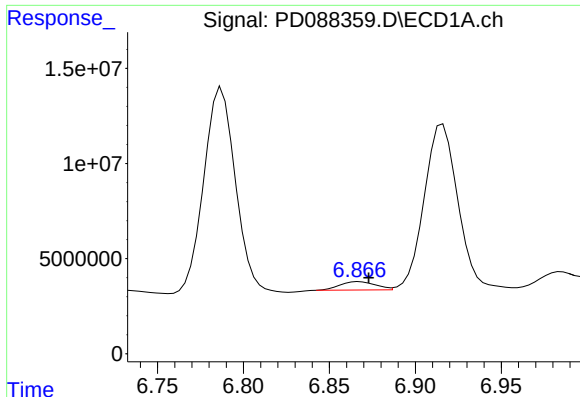
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: -0.006 min
Response: 182332492
Conc: 223.63 ng/ml



#26 Chlordane-4

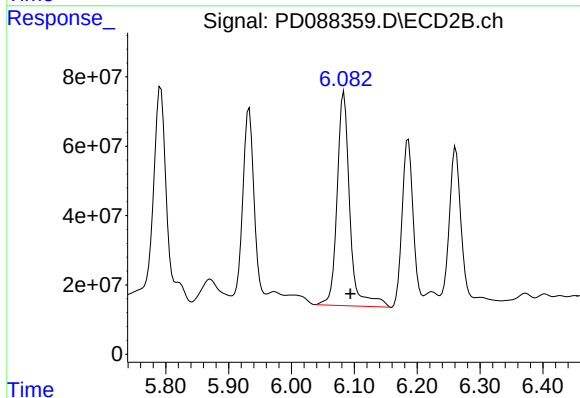
R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 881253516
Conc: 412.16 ng/ml



#27 Chlordane-5

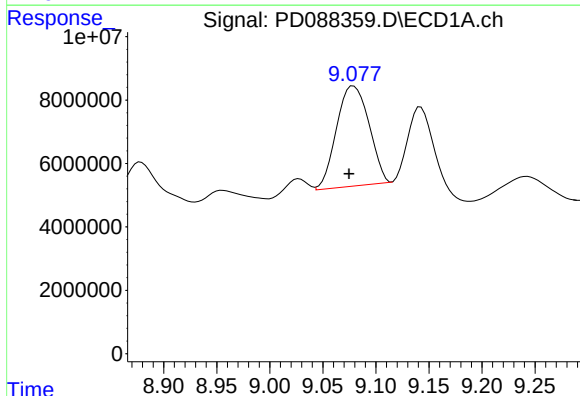
R.T.: 6.867 min
Delta R.T.: -0.006 min
Response: 6409181
Conc: 47.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-EMSD



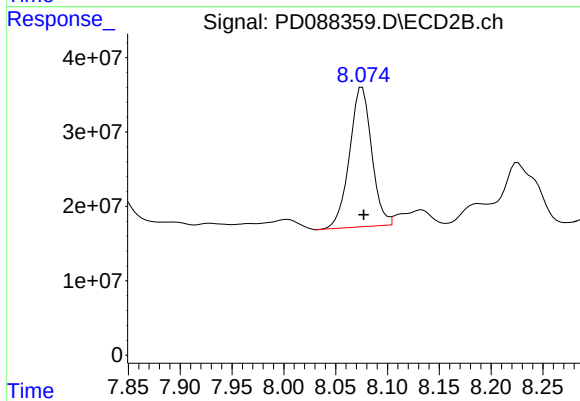
#27 Chlordane-5

R.T.: 6.083 min
Delta R.T.: -0.010 min
Response: 870318089
Conc: 901.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.004 min
Response: 67210757
Conc: 20.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 278231923
Conc: 15.06 ng/ml