

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
 Data File : PD089058-1.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 18:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

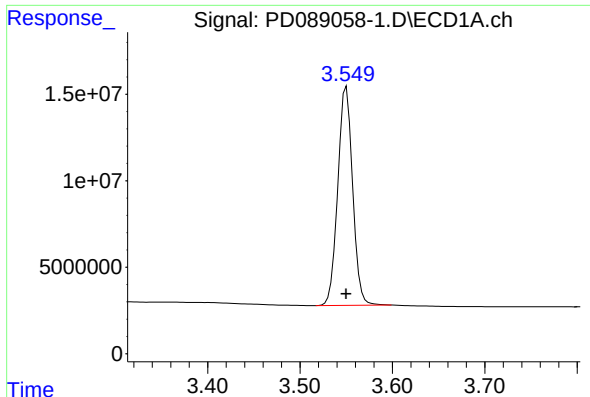
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:04:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.550	2.868	141.4E6	60455	49.556	0.004 #
28)	SA Decachlor...	9.073	8.093f	186.4E6	931.7E6	47.454	47.130
Target Compounds							
2)	A alpha-BHC	3.999	3.413f	300.1E6	1345.4E6	51.477	50.205
3)	MA gamma-BHC...	4.330	3.749f	284.6E6	852.6E6	50.986	34.441 #
4)	MA Heptachlor	4.930	4.103f	277.7E6	1231.5E6	50.943	49.185
5)	MB Aldrin	5.271	4.389f	267.4E6	1119.9E6	50.333	46.246
6)	B beta-BHC	4.516	4.010f	109.0E6	6511158	49.374	0.606 #
7)	B delta-BHC	4.764	4.282f	271.4E6	1235.8E6	52.877	49.683
8)	B Heptachlo...	5.691	4.893f	236.5E6	1061.7E6	49.026	48.484
9)	A Endosulfan I	6.075	5.267f	222.3E6	1009.5E6	49.326	48.434
10)	B gamma-Chl...	5.946	5.146f	234.8E6	1180.9E6	49.048	49.365
11)	B alpha-Chl...	6.027	5.211f	238.9E6	1118.7E6	49.383	48.859
12)	B 4,4'-DDE	6.196	5.396f	214.5E6	1084.3E6	49.194	47.317
13)	MA Dieldrin	6.347	5.533f	237.6E6	1110.4E6	49.536	47.844
14)	MA Endrin	6.574	5.809f	200.6E6	1098.2E6	48.621	50.576
15)	B Endosulfa...	6.786	6.100f	184.9E6	975.7E6	45.816	48.311
16)	A 4,4'-DDD	6.705	5.949f	168.1E6	912.2E6	48.993	47.684
17)	MA 4,4'-DDT	7.021	6.203f	184.4E6	978.5E6	48.665	48.250
18)	B Endrin al...	6.915	6.279f	144.8E6	718.0E6	47.259	46.896
19)	B Endosulfa...	7.149	6.503f	182.8E6	900.0E6	47.649	45.870
20)	A Methoxychlor	7.493	6.774f	94406507	501.1E6	46.721	46.536
21)	B Endrin ke...	7.630	7.011f	196.1E6	1031.6E6	48.141	47.757
22)	Mirex	8.114	7.205f	142.9E6	775.7E6	47.020	46.508
24)	Chlordane-2	0.000	4.483	0	1271828	N.D.	1.336 #
25)	Chlordane-3	5.946	5.146	234.8E6	1180.9E6	272.293	397.598 #
26)	Chlordane-4	6.027	5.211	238.9E6	1118.7E6	227.412	446.290 #
27)	Chlordane-5	6.869	6.100	154097	975.7E6	0.843	862.208 #

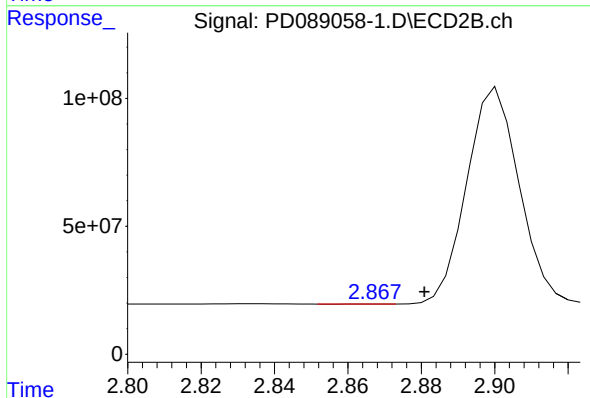
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

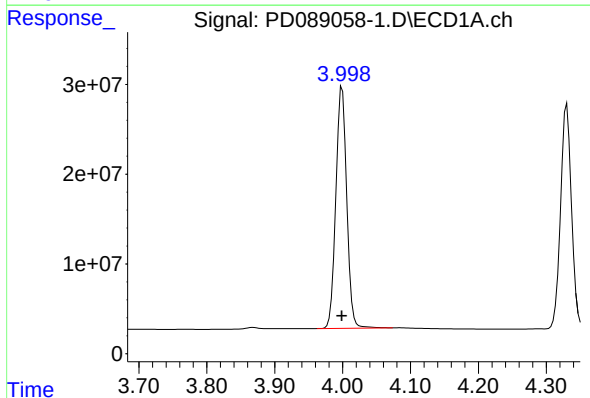
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 141388465
Conc: 49.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



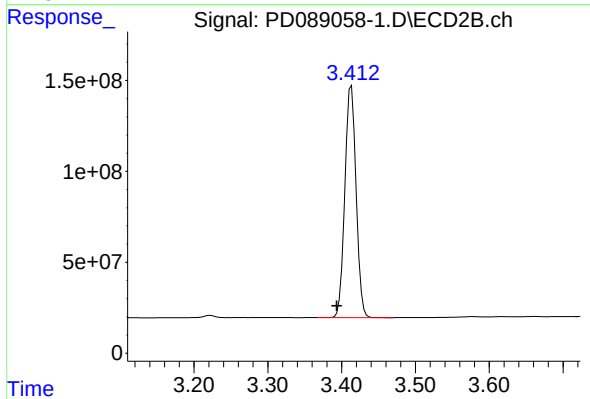
#1 Tetrachloro-m-xylene

R.T.: 2.868 min
Delta R.T.: -0.013 min
Response: 60455
Conc: 0.00 ng/ml



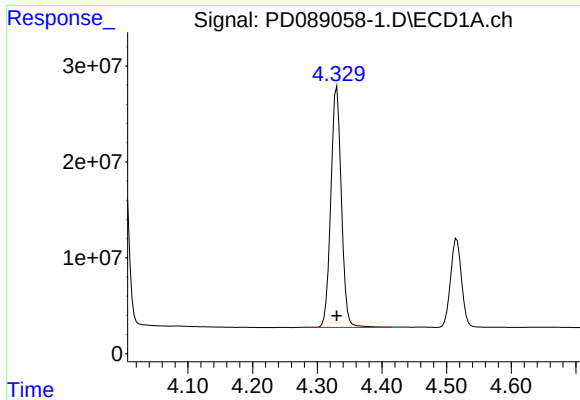
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 300061031
Conc: 51.48 ng/ml



#2 alpha-BHC

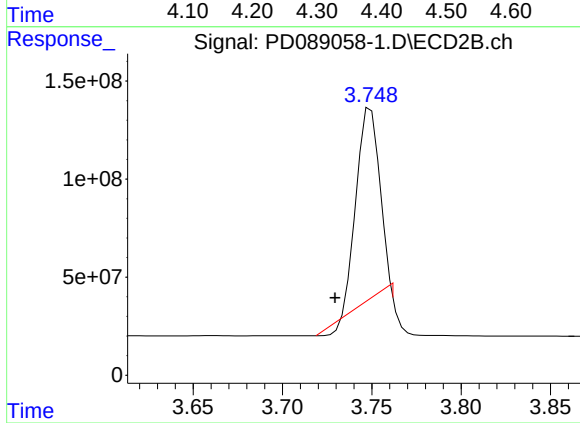
R.T.: 3.413 min
Delta R.T.: 0.020 min
Response: 1345354115
Conc: 50.21 ng/ml



#3 gamma-BHC (Lindane)

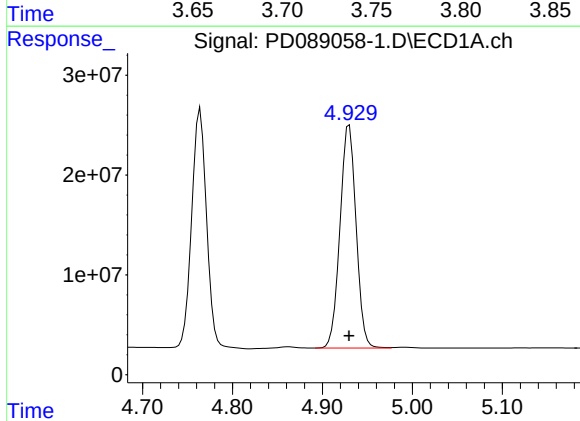
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 284586849
Conc: 50.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



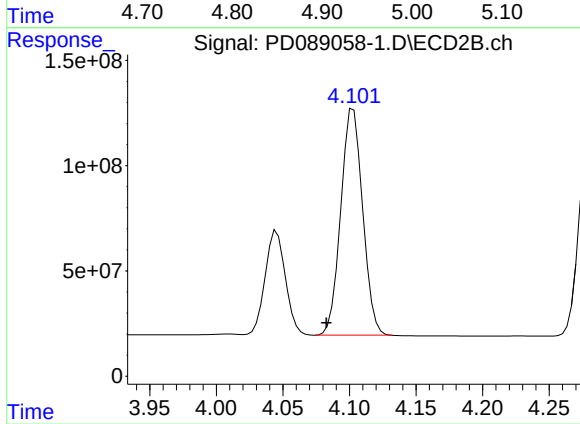
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: 0.020 min
Response: 852647963
Conc: 34.44 ng/ml



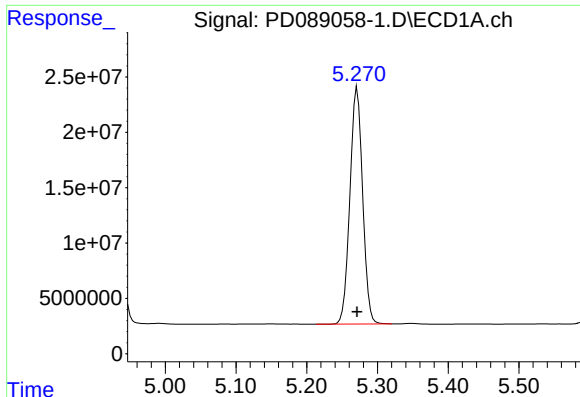
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 277740480
Conc: 50.94 ng/ml



#4 Heptachlor

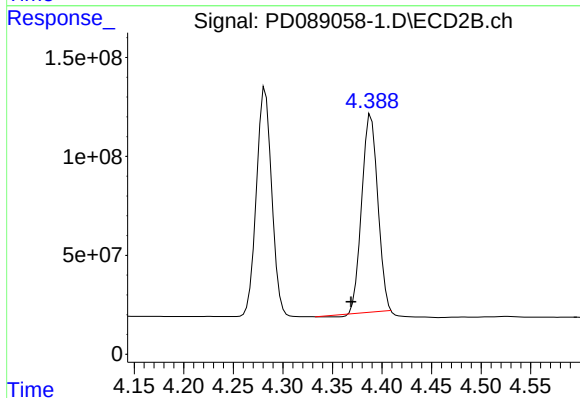
R.T.: 4.103 min
Delta R.T.: 0.020 min
Response: 1231520602
Conc: 49.19 ng/ml



#5 Aldrin

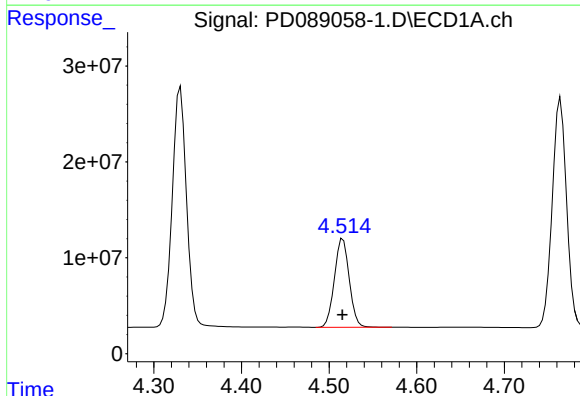
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 267419514
Conc: 50.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



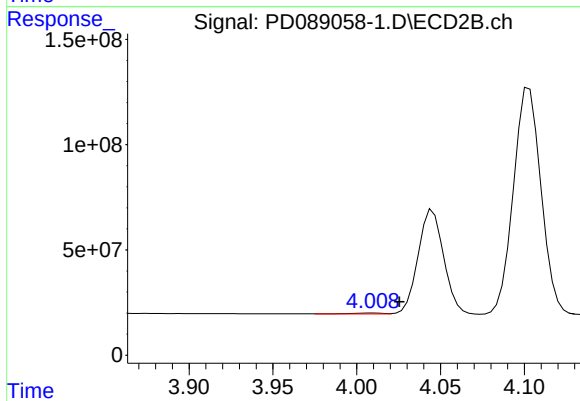
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: 0.020 min
Response: 1119942723
Conc: 46.25 ng/ml



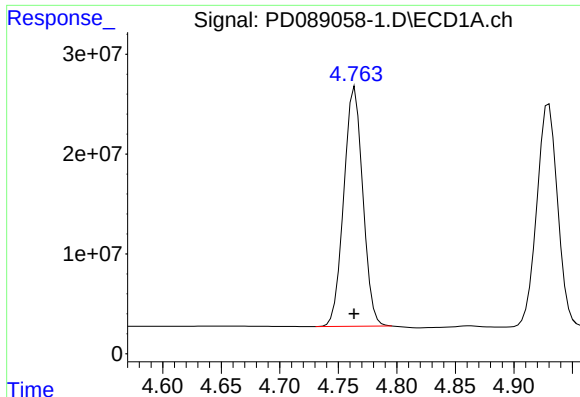
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 108974845
Conc: 49.37 ng/ml



#6 beta-BHC

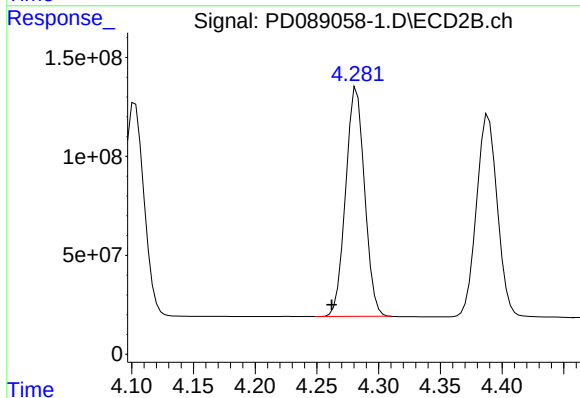
R.T.: 4.010 min
Delta R.T.: -0.016 min
Response: 6511158
Conc: 0.61 ng/ml



#7 delta-BHC

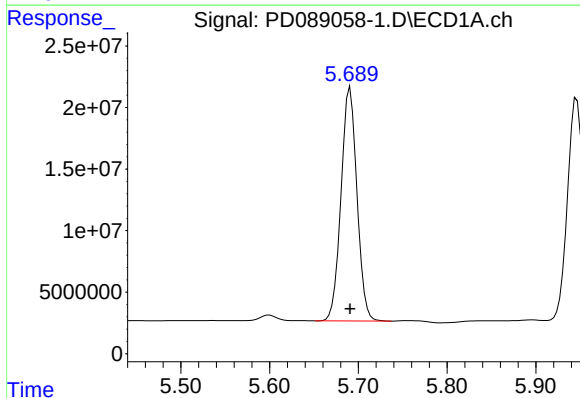
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 271413543
Conc: 52.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



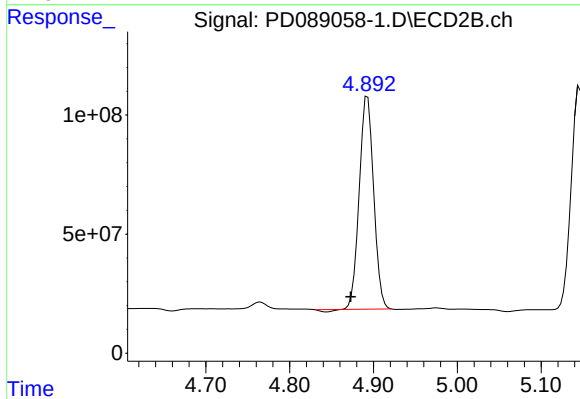
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.020 min
Response: 1235805085
Conc: 49.68 ng/ml



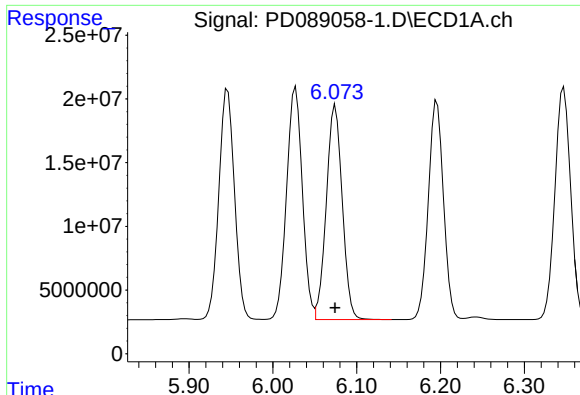
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 236499924
Conc: 49.03 ng/ml



#8 Heptachlor epoxide

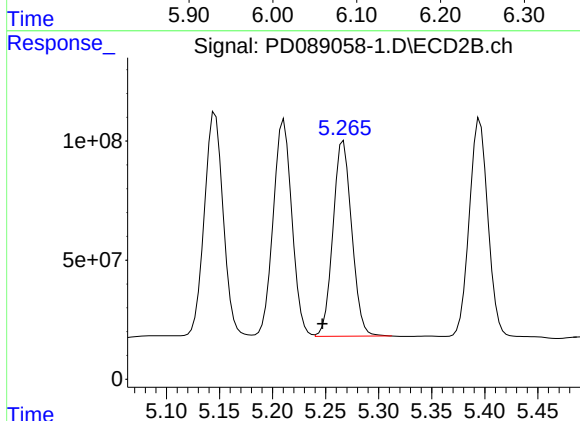
R.T.: 4.893 min
Delta R.T.: 0.020 min
Response: 1061712214
Conc: 48.48 ng/ml



#9 Endosulfan I

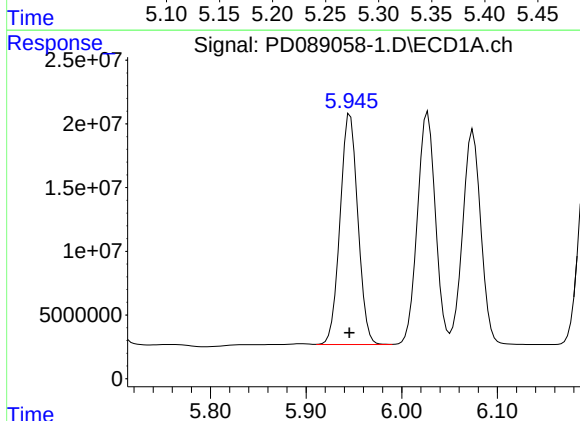
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 222335133
Conc: 49.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



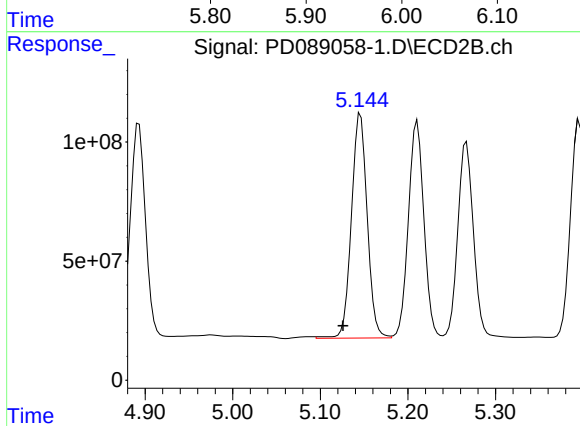
#9 Endosulfan I

R.T.: 5.267 min
Delta R.T.: 0.020 min
Response: 1009491032
Conc: 48.43 ng/ml



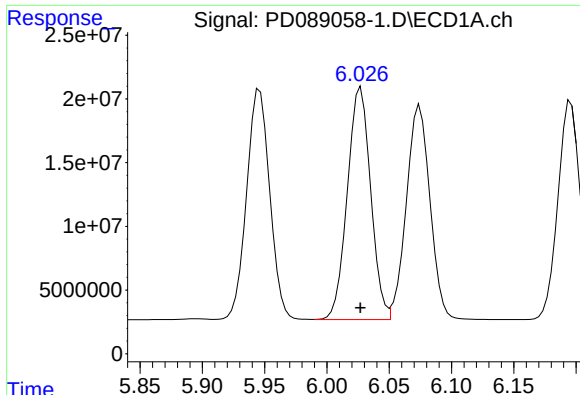
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 234847919
Conc: 49.05 ng/ml



#10 gamma-Chlordane

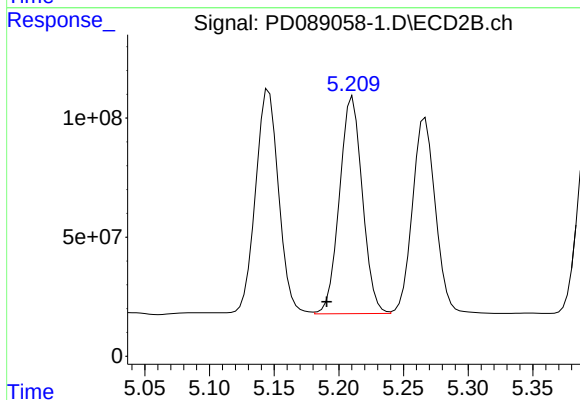
R.T.: 5.146 min
Delta R.T.: 0.020 min
Response: 1180946057
Conc: 49.37 ng/ml



#11 alpha-Chlordane

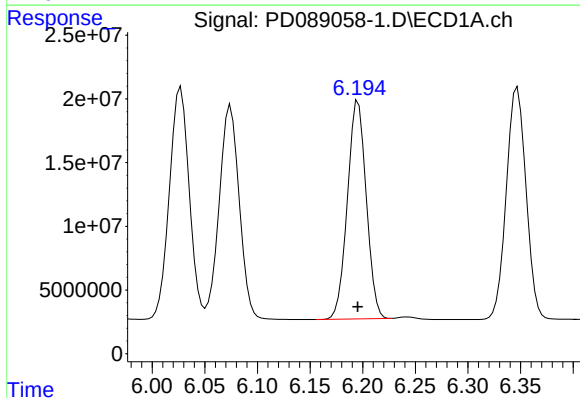
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 238943811
Conc: 49.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



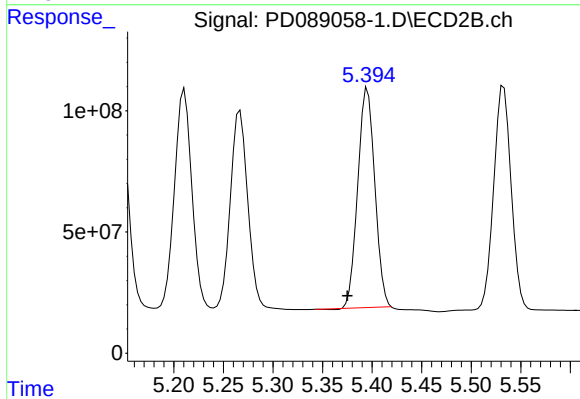
#11 alpha-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.020 min
Response: 1118724068
Conc: 48.86 ng/ml



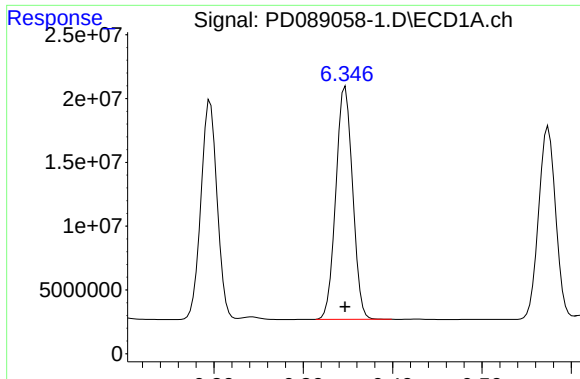
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 214534987
Conc: 49.19 ng/ml



#12 4,4'-DDE

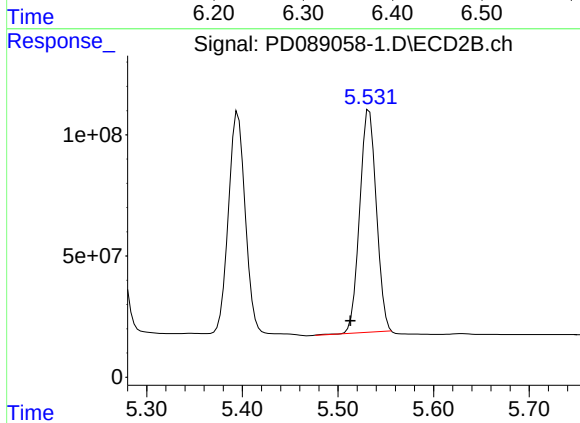
R.T.: 5.396 min
Delta R.T.: 0.020 min
Response: 1084314656
Conc: 47.32 ng/ml



#13 Dieldrin

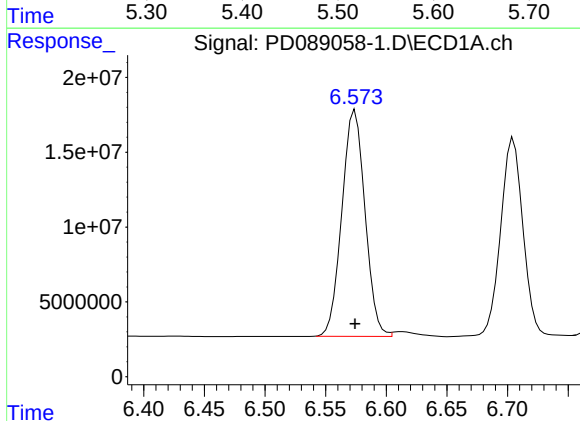
R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 237645969
Conc: 49.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



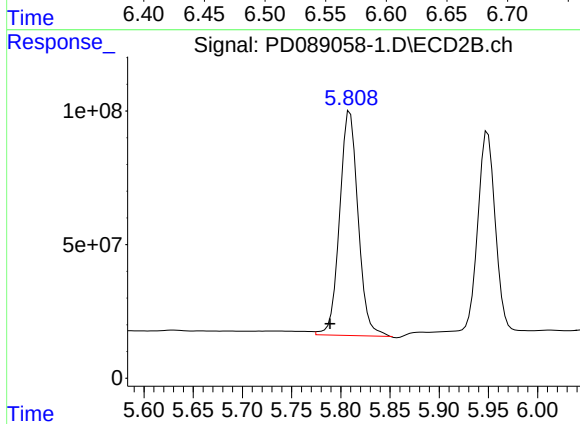
#13 Dieldrin

R.T.: 5.533 min
Delta R.T.: 0.020 min
Response: 1110390259
Conc: 47.84 ng/ml



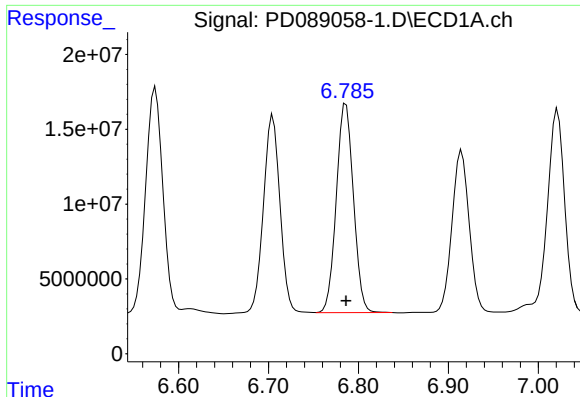
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 200589572
Conc: 48.62 ng/ml



#14 Endrin

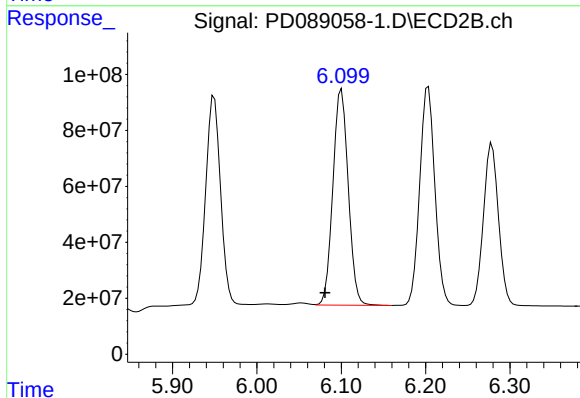
R.T.: 5.809 min
Delta R.T.: 0.020 min
Response: 1098204005
Conc: 50.58 ng/ml



#15 Endosulfan II

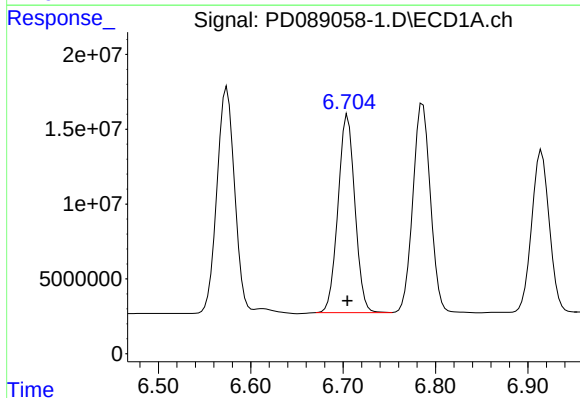
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 184942713
Conc: 45.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



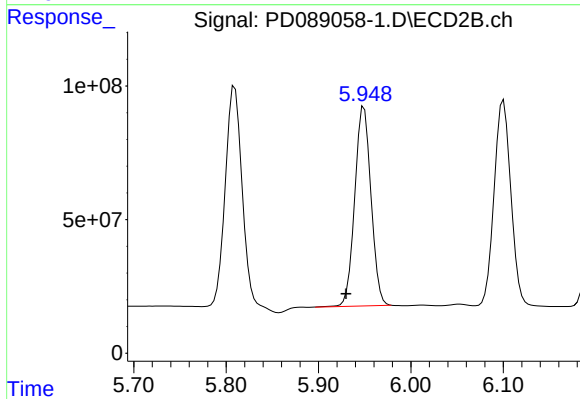
#15 Endosulfan II

R.T.: 6.100 min
Delta R.T.: 0.019 min
Response: 975726803
Conc: 48.31 ng/ml



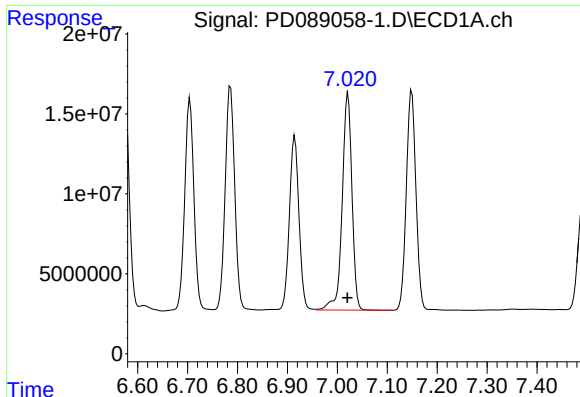
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 168146839
Conc: 48.99 ng/ml



#16 4,4'-DDD

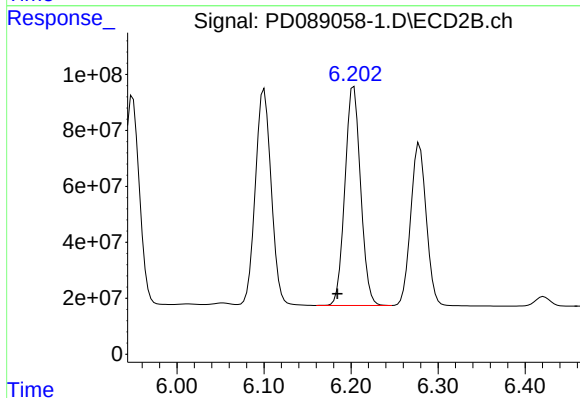
R.T.: 5.949 min
Delta R.T.: 0.020 min
Response: 912165509
Conc: 47.68 ng/ml



#17 4,4'-DDT

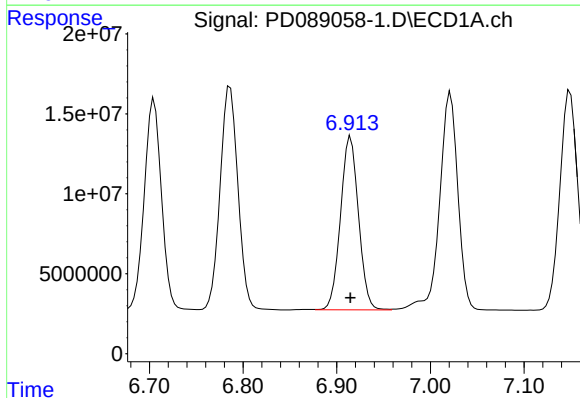
R.T.: 7.021 min
Delta R.T.: 0.001 min
Response: 184352358
Conc: 48.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



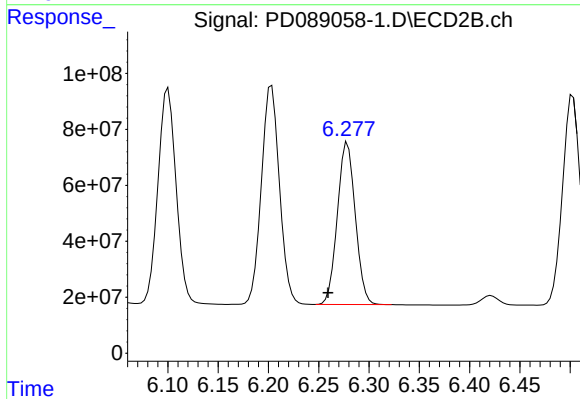
#17 4,4'-DDT

R.T.: 6.203 min
Delta R.T.: 0.019 min
Response: 978474408
Conc: 48.25 ng/ml



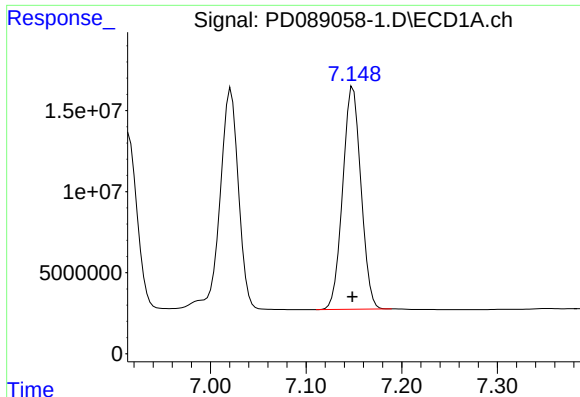
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 144800144
Conc: 47.26 ng/ml



#18 Endrin aldehyde

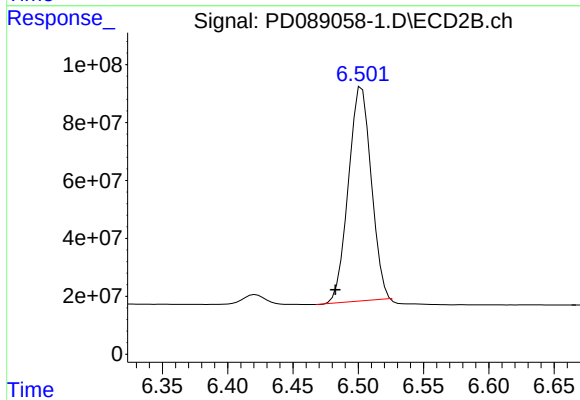
R.T.: 6.279 min
Delta R.T.: 0.019 min
Response: 718042657
Conc: 46.90 ng/ml



#19 Endosulfan Sulfate

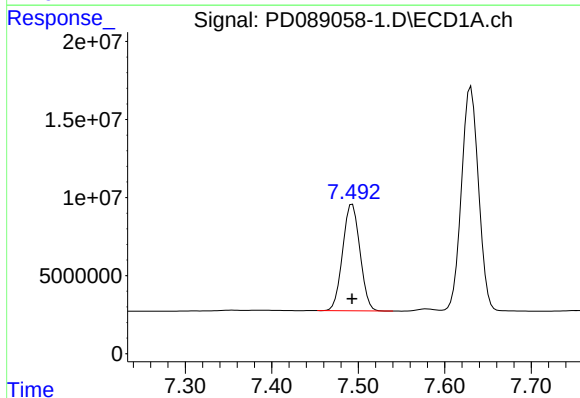
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 182841180
Conc: 47.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



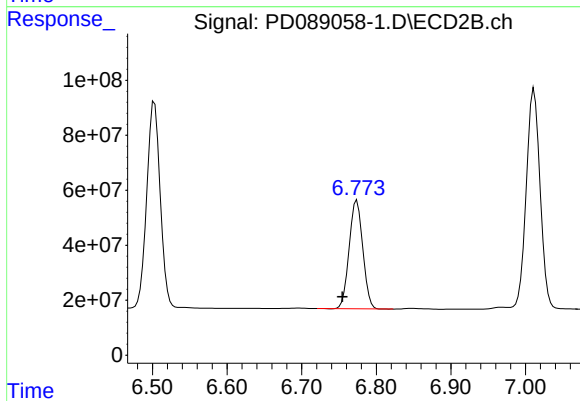
#19 Endosulfan Sulfate

R.T.: 6.503 min
Delta R.T.: 0.020 min
Response: 900022615
Conc: 45.87 ng/ml



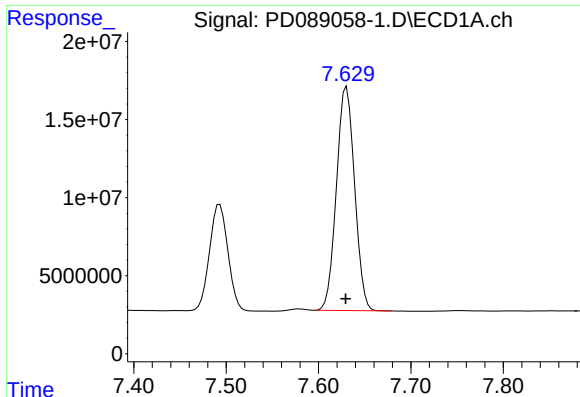
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 94406507
Conc: 46.72 ng/ml



#20 Methoxychlor

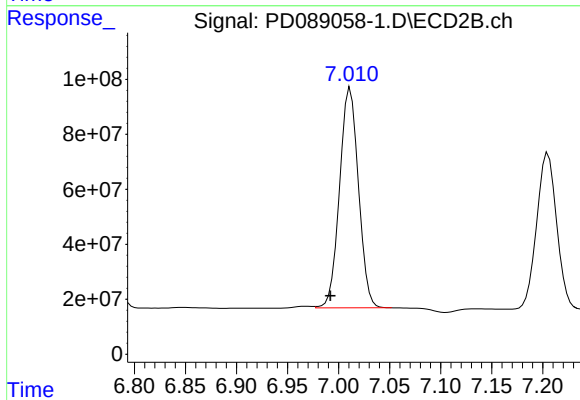
R.T.: 6.774 min
Delta R.T.: 0.019 min
Response: 501105841
Conc: 46.54 ng/ml



#21 Endrin ketone

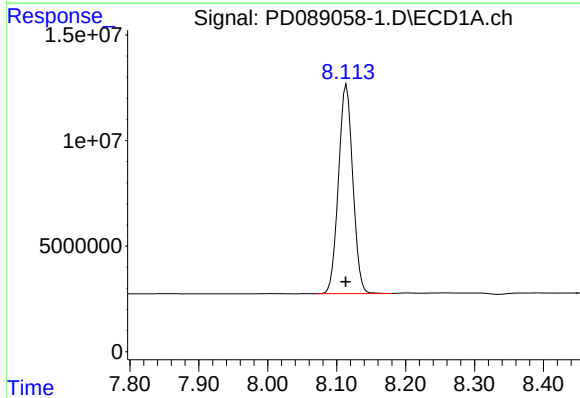
R.T.: 7.630 min
Delta R.T.: 0.001 min
Response: 196081007
Conc: 48.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



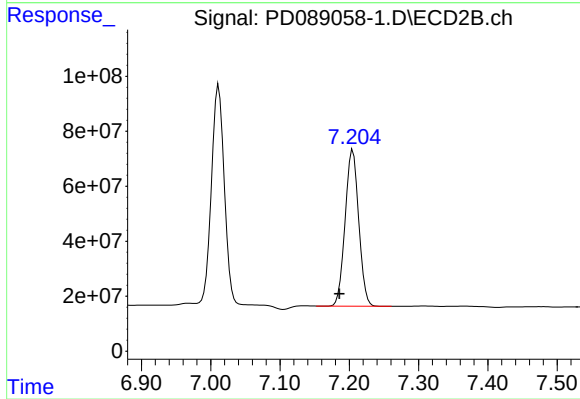
#21 Endrin ketone

R.T.: 7.011 min
Delta R.T.: 0.019 min
Response: 1031632000
Conc: 47.76 ng/ml



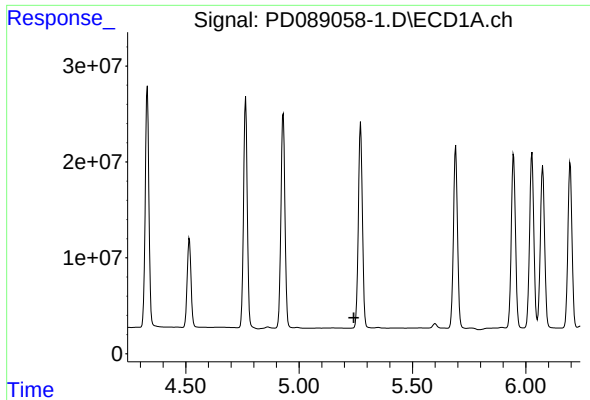
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 142948740
Conc: 47.02 ng/ml



#22 Mirex

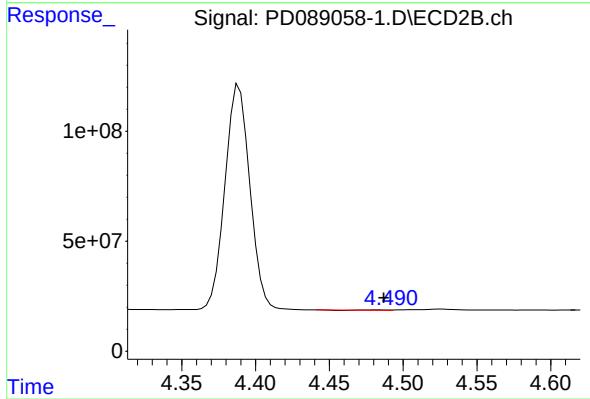
R.T.: 7.205 min
Delta R.T.: 0.019 min
Response: 775662905
Conc: 46.51 ng/ml



#24 Chlordane-2

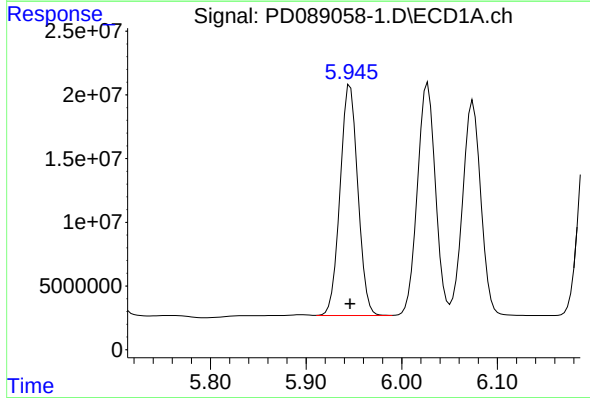
R.T.: 0.000 min
Exp R.T.: 5.241 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



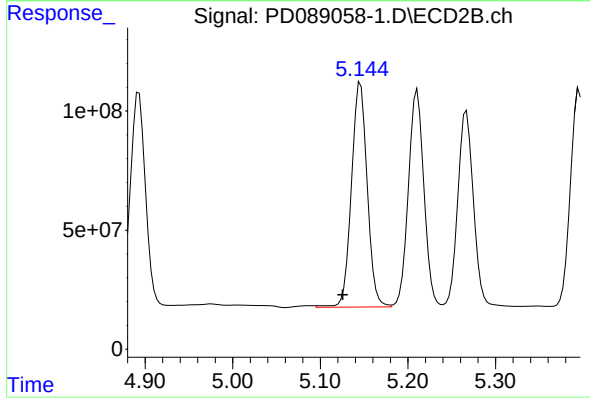
#24 Chlordane-2

R.T.: 4.483 min
Delta R.T.: -0.004 min
Response: 1271828
Conc: 1.34 ng/ml



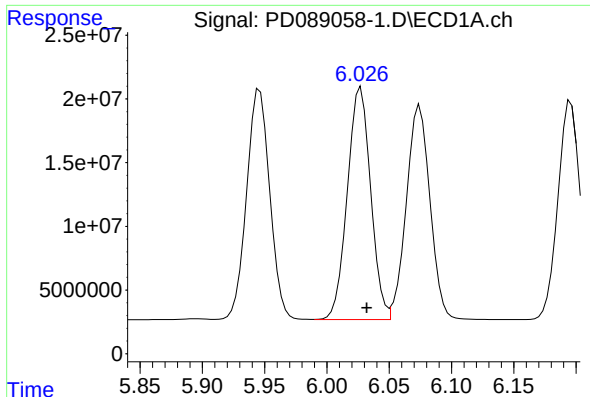
#25 Chlordane-3

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 234847919
Conc: 272.29 ng/ml



#25 Chlordane-3

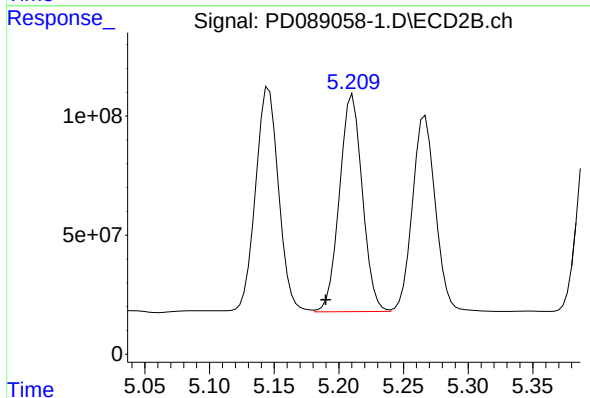
R.T.: 5.146 min
Delta R.T.: 0.020 min
Response: 1180946057
Conc: 397.60 ng/ml



#26 Chlordane-4

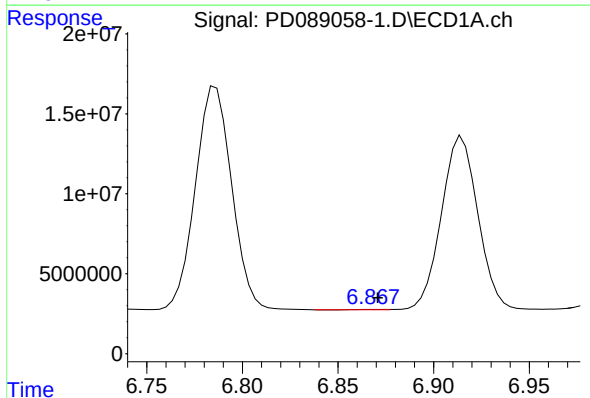
R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 238943811
Conc: 227.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



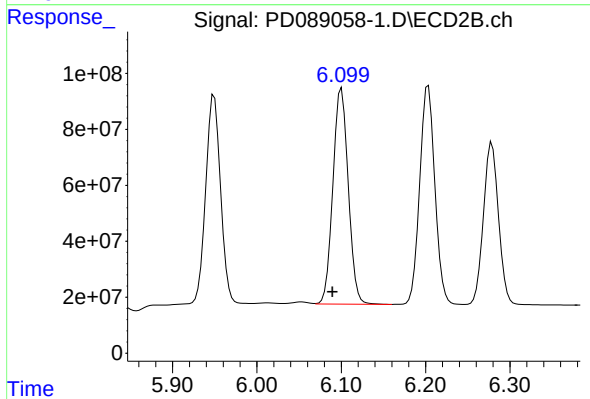
#26 Chlordane-4

R.T.: 5.211 min
Delta R.T.: 0.021 min
Response: 1118724068
Conc: 446.29 ng/ml



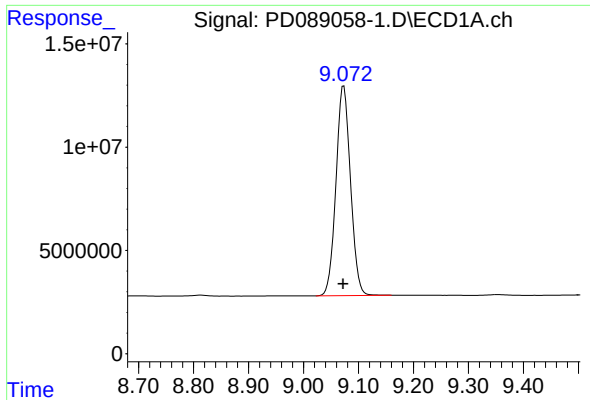
#27 Chlordane-5

R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 154097
Conc: 0.84 ng/ml



#27 Chlordane-5

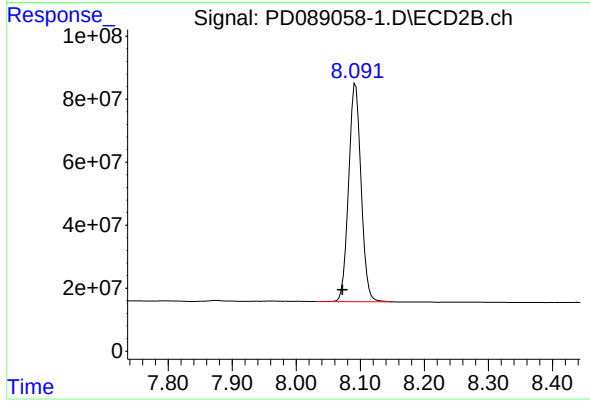
R.T.: 6.100 min
Delta R.T.: 0.011 min
Response: 975726803
Conc: 862.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.001 min
Response: 186382377
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.093 min
Delta R.T.: 0.021 min
Response: 931748725
Conc: 47.13 ng/ml