

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081525\
 Data File : PD089898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 15:09
 Operator : AR\AJ
 Sample : Q2820-24
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 22M-S

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 17:28:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.549	2.879	28543195	180.9E6	11.572	11.421
28)	SA Decachlor...	9.069	8.067	62932627	398.0E6	16.934	19.825
Target Compounds							
2)	A alpha-BHC	4.013f	3.410f	307881	52232212	0.062	2.149 #
3)	MA gamma-BHC...	4.337	3.726	1586821	-599118	0.334	N.D. #
4)	MA Heptachlor	4.943f	4.092	2357376	29929633	0.490	1.290 #
5)	MB Aldrin	5.255	4.369	1067376	9468186	0.234	0.426 #
6)	B beta-BHC	4.492f	4.008	1518669	74826777	0.823	7.755 #
7)	B delta-BHC	4.777	0.000	1427643	0	0.311	N.D. #
8)	B Heptachlo...	5.687	4.867	2523352	58130677	0.604	2.829 #
9)	A Endosulfan I	6.098f	5.254	10890389	28212255	2.748	1.443 #
10)	B gamma-Chl...	5.944	5.122	15328341	82858215	3.668	3.827
11)	B alpha-Chl...	6.029	5.187	33192127	107.2E6	7.895	5.150 #
12)	B 4,4'-DDE	6.193	5.361	1429958	1495884	0.383	0.071 #
13)	MA Dieldrin	6.351	5.510	1124016	68095163	0.266	3.147 #
14)	MA Endrin	0.000	5.790	0	3328256	N.D.	0.167 #
15)	B Endosulfa...	6.787	6.079	1282207	29656336	0.349	1.578 #
16)	A 4,4'-DDD	6.686f	5.931	13004405	5012524	4.342	0.284 #
17)	MA 4,4'-DDT	7.028	6.176	10314364	23548573	3.070	1.282 #
18)	B Endrin al...	6.921	6.273f	4020406	10004442	1.611	0.774 #
19)	B Endosulfa...	0.000	6.492	0	11352250	N.D.	0.611 #
20)	A Methoxychlor	7.505	6.730f	580206	29350411	0.325	2.996 #
21)	B Endrin ke...	7.614	6.974	1708039	7554335	0.460	0.376
22)	Mirex	8.087f	7.179	1617428	6051135	0.580	0.398 #
23)	Chlordane-1	4.722	3.896	-1166552	28286503	N.D.	38.675
24)	Chlordane-2	5.255	4.476	1067376	28509385	6.282	37.298 #
25)	Chlordane-3	5.944	5.122	15328341	82858215	22.350	35.803 #
26)	Chlordane-4	6.029	5.187	33192127	107.2E6	39.651	53.899 #
27)	Chlordane-5	6.867	6.079	2731936	29656336	18.938	32.780 #

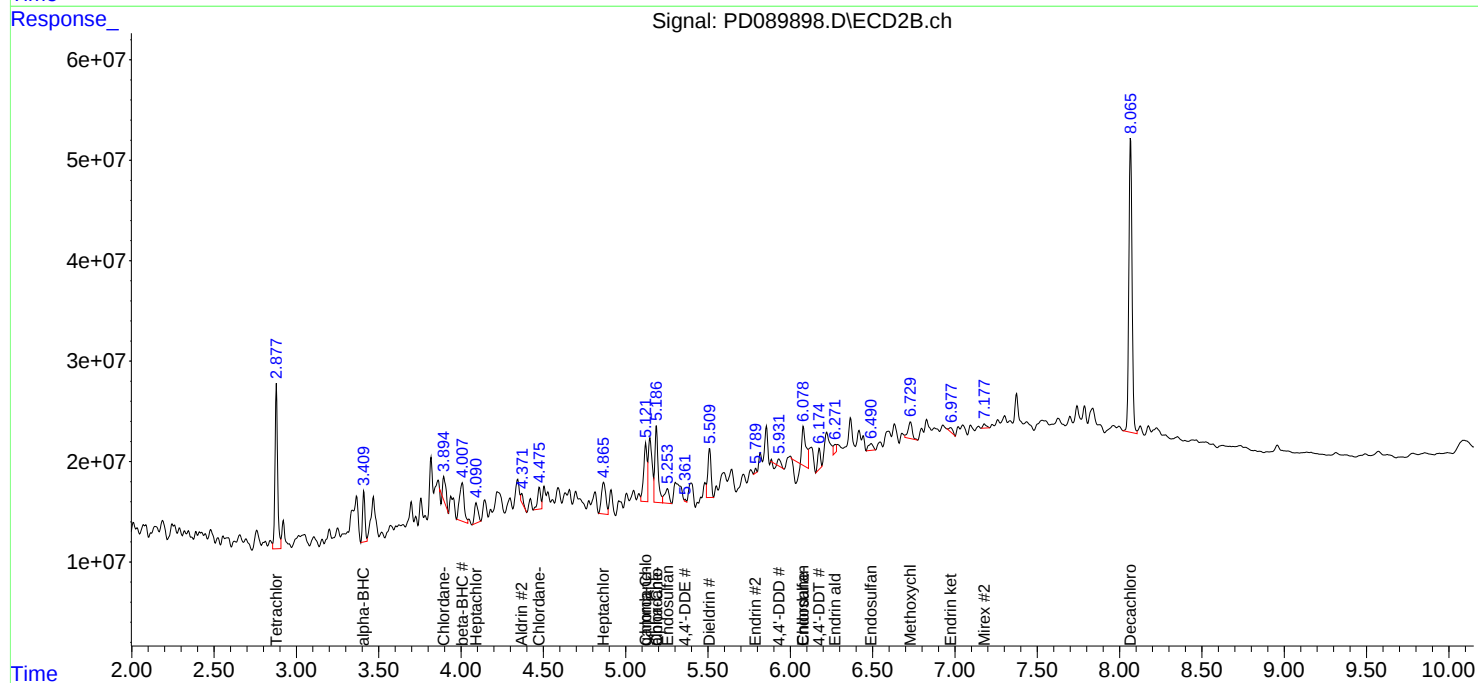
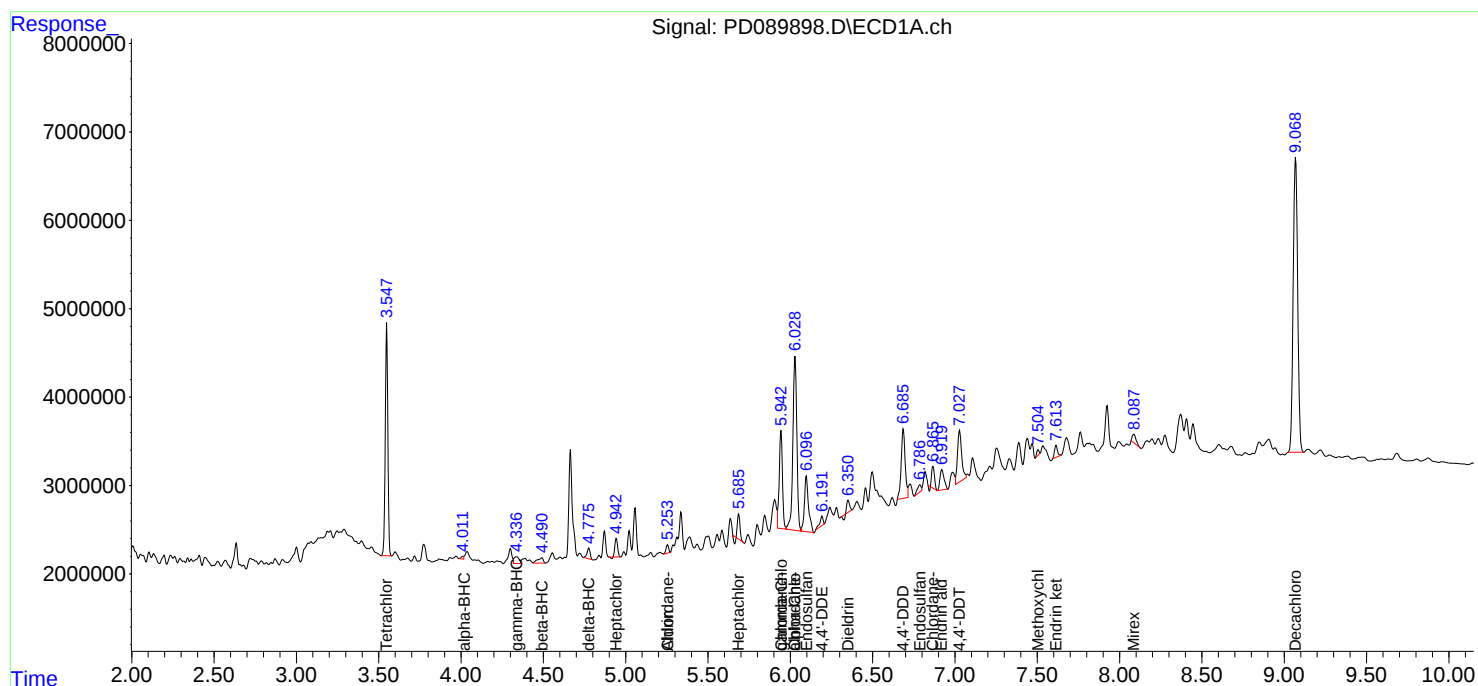
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

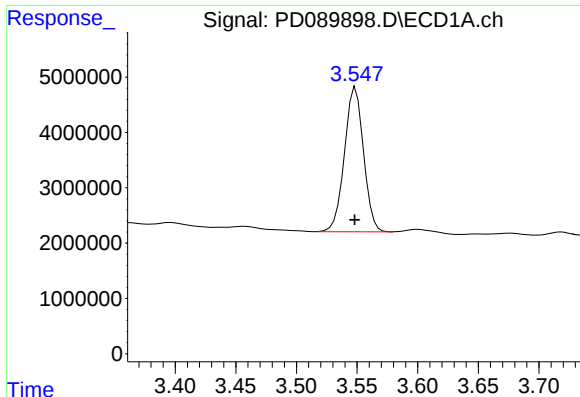
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081525\
Data File : PD089898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 15:09
Operator : AR\AJ
Sample : Q2820-24
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
22M-S

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 17:28:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

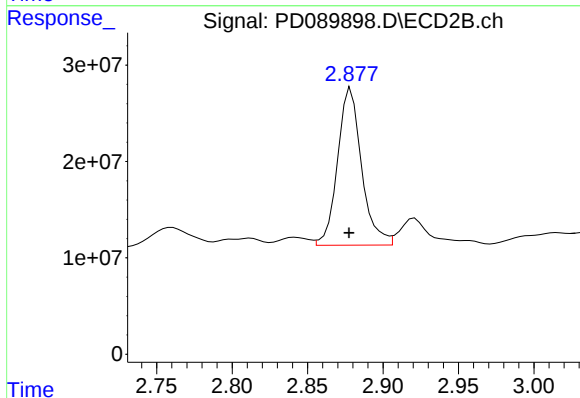




#1 Tetrachloro-m-xylene

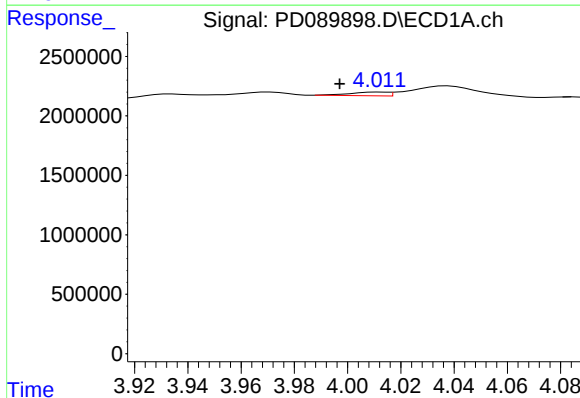
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 28543195
Conc: 11.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



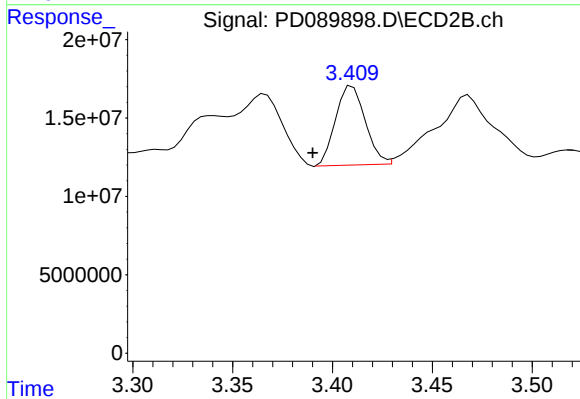
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.001 min
Response: 180884408
Conc: 11.42 ng/ml



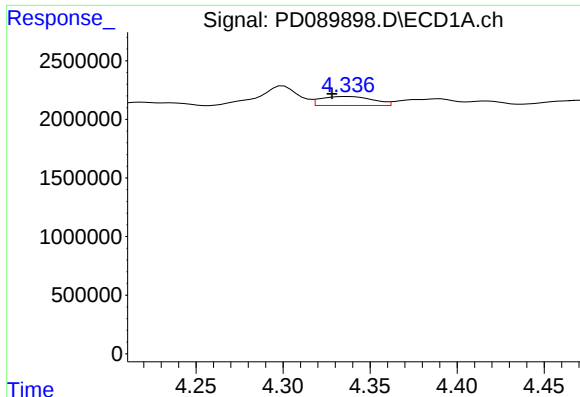
#2 alpha-BHC

R.T.: 4.013 min
Delta R.T.: 0.016 min
Response: 307881
Conc: 0.06 ng/ml



#2 alpha-BHC

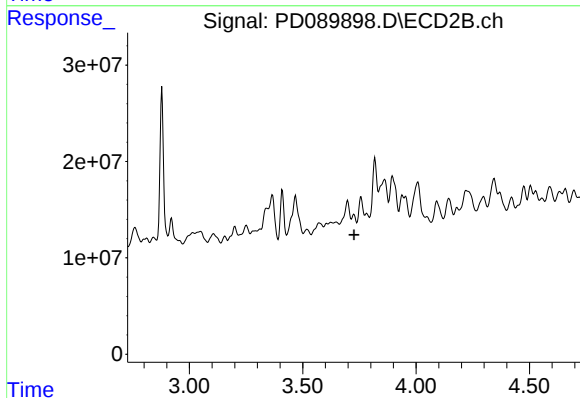
R.T.: 3.410 min
Delta R.T.: 0.020 min
Response: 52232212
Conc: 2.15 ng/ml



#3 gamma-BHC (Lindane)

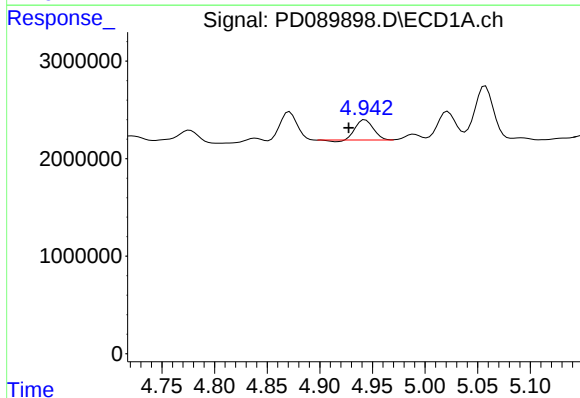
R.T.: 4.337 min
Delta R.T.: 0.009 min
Response: 1586821
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



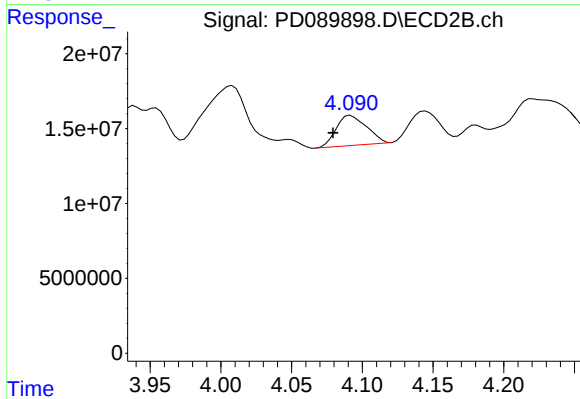
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: -599118
Conc: N.D.



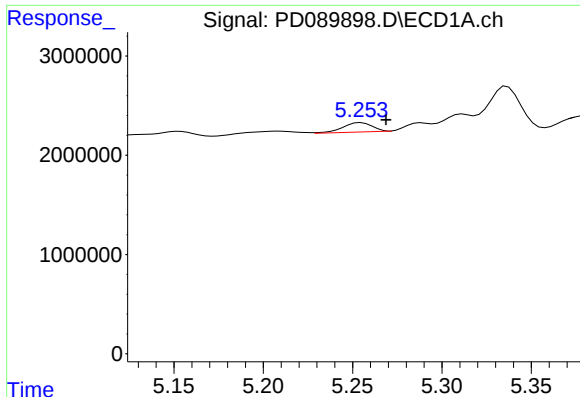
#4 Heptachlor

R.T.: 4.943 min
Delta R.T.: 0.016 min
Response: 2357376
Conc: 0.49 ng/ml



#4 Heptachlor

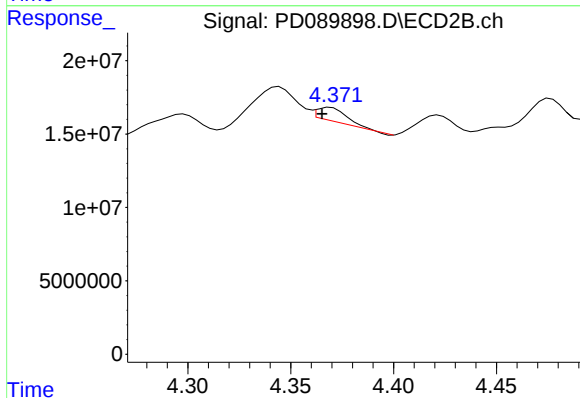
R.T.: 4.092 min
Delta R.T.: 0.012 min
Response: 29929633
Conc: 1.29 ng/ml



#5 Aldrin

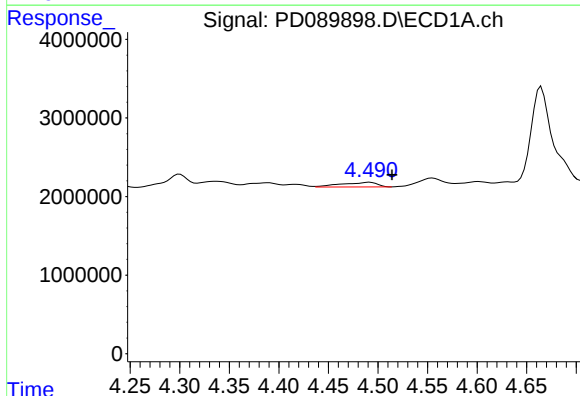
R.T.: 5.255 min
Delta R.T.: -0.014 min
Response: 1067376
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



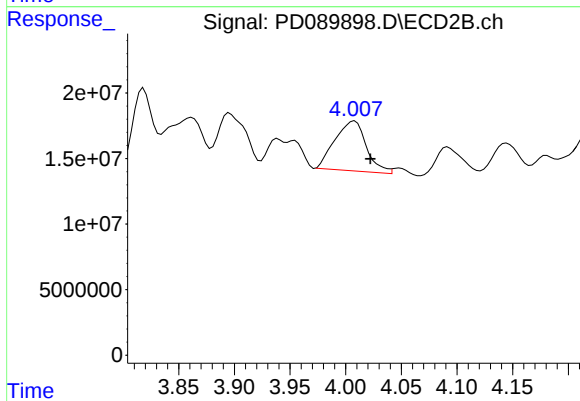
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.004 min
Response: 9468186
Conc: 0.43 ng/ml



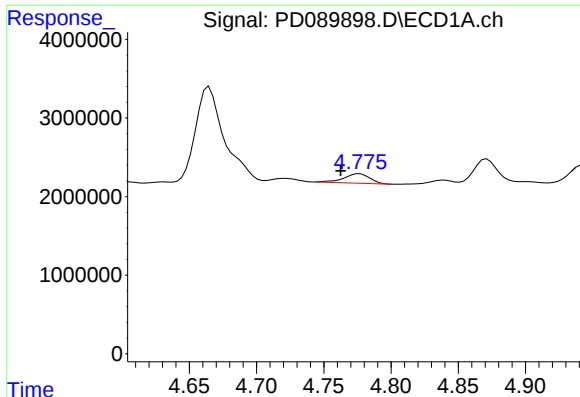
#6 beta-BHC

R.T.: 4.492 min
Delta R.T.: -0.023 min
Response: 1518669
Conc: 0.82 ng/ml



#6 beta-BHC

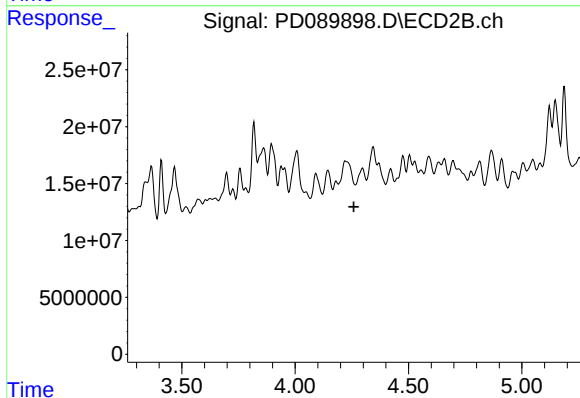
R.T.: 4.008 min
Delta R.T.: -0.014 min
Response: 74826777
Conc: 7.75 ng/ml



#7 delta-BHC

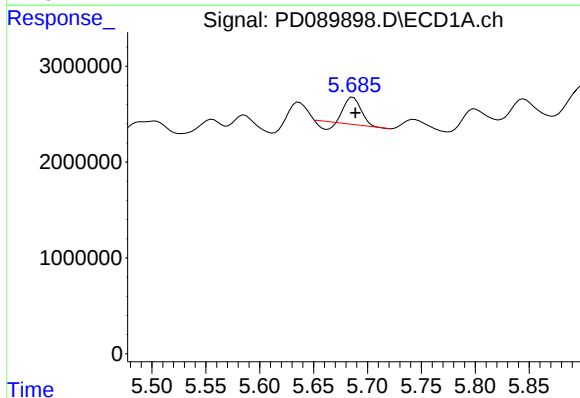
R.T.: 4.777 min
Delta R.T.: 0.014 min
Response: 1427643
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



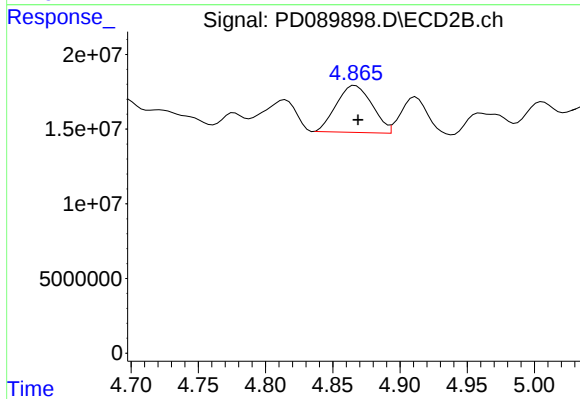
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.259 min
Response: 0
Conc: N.D.



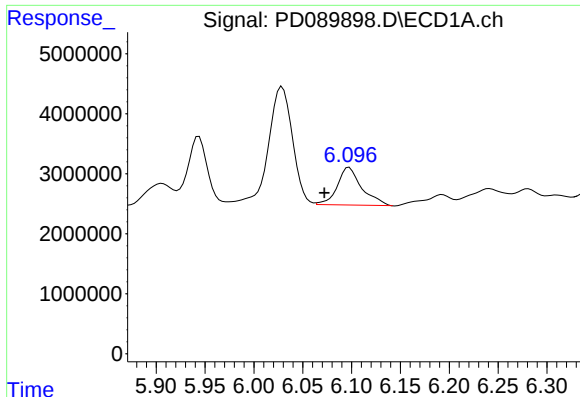
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 2523352
Conc: 0.60 ng/ml



#8 Heptachlor epoxide

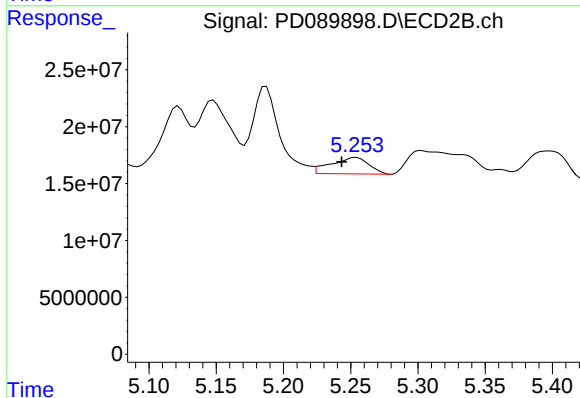
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 58130677
Conc: 2.83 ng/ml



#9 Endosulfan I

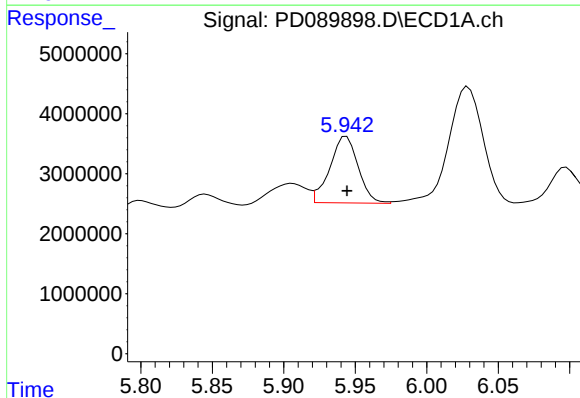
R.T.: 6.098 min
Delta R.T.: 0.026 min
Response: 10890389
Conc: 2.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



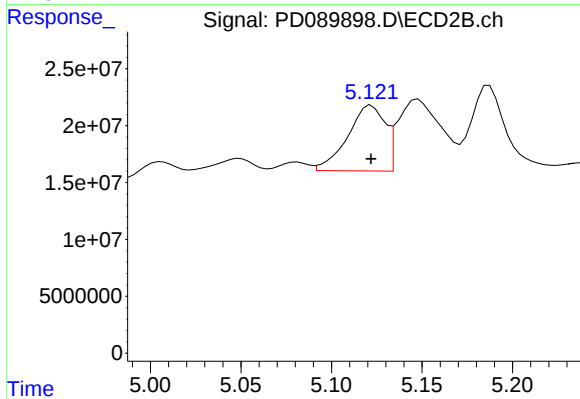
#9 Endosulfan I

R.T.: 5.254 min
Delta R.T.: 0.011 min
Response: 28212255
Conc: 1.44 ng/ml



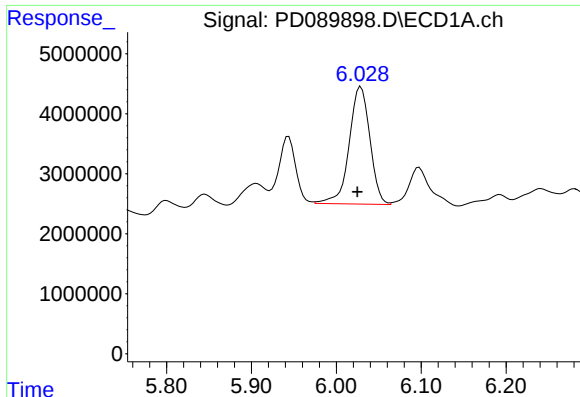
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 15328341
Conc: 3.67 ng/ml



#10 gamma-Chlordane

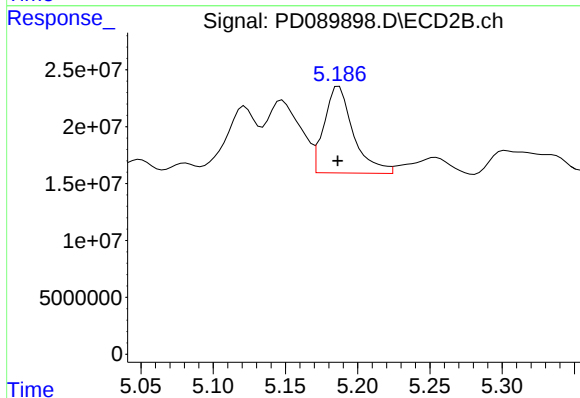
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 82858215
Conc: 3.83 ng/ml



#11 alpha-Chlordane

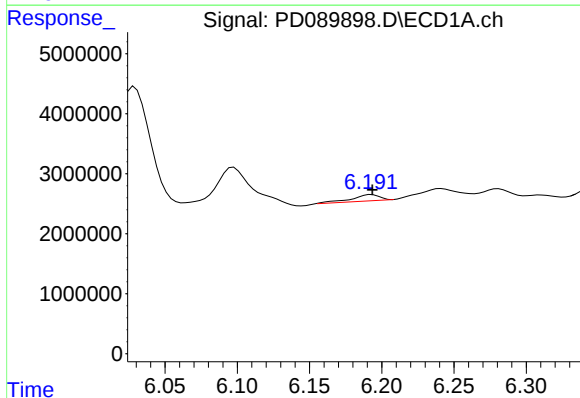
R.T.: 6.029 min
Delta R.T.: 0.004 min
Response: 33192127
Conc: 7.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



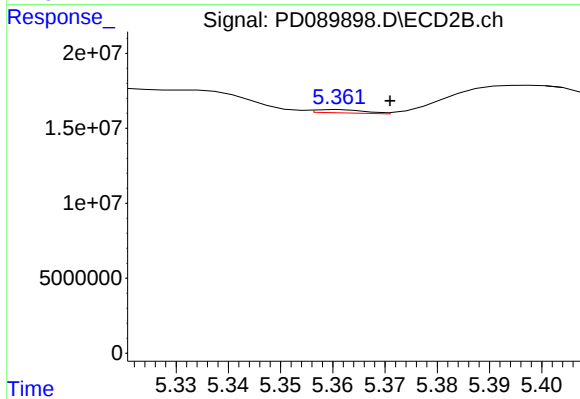
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 107233545
Conc: 5.15 ng/ml



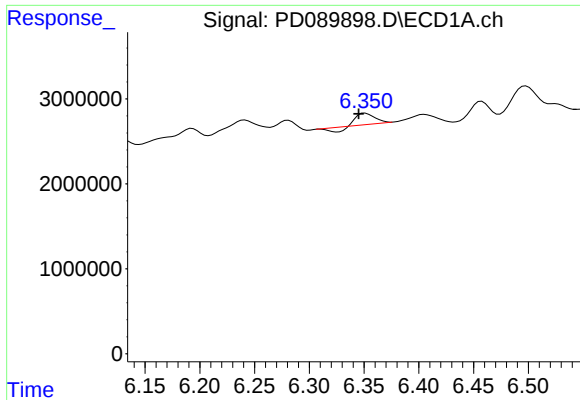
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 1429958
Conc: 0.38 ng/ml



#12 4,4'-DDE

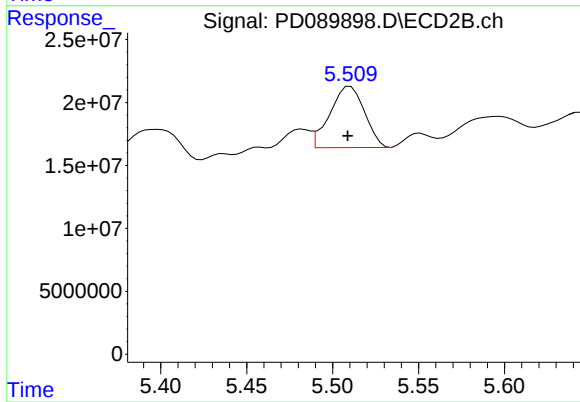
R.T.: 5.361 min
Delta R.T.: -0.010 min
Response: 1495884
Conc: 0.07 ng/ml



#13 Dieldrin

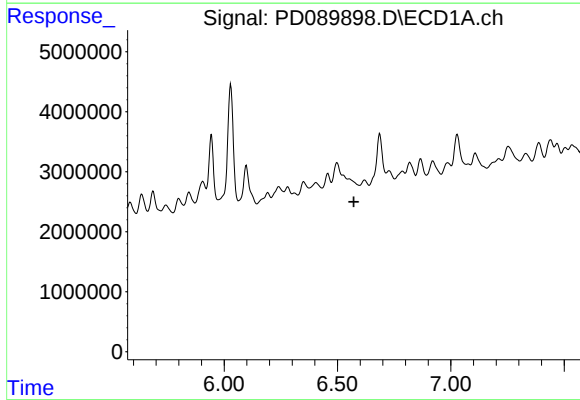
R.T.: 6.351 min
Delta R.T.: 0.006 min
Response: 1124016
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



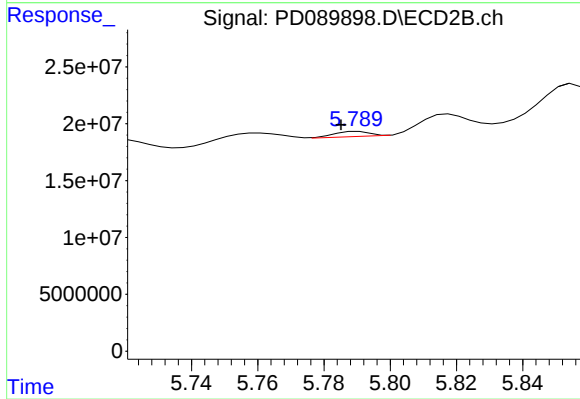
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: 0.002 min
Response: 68095163
Conc: 3.15 ng/ml



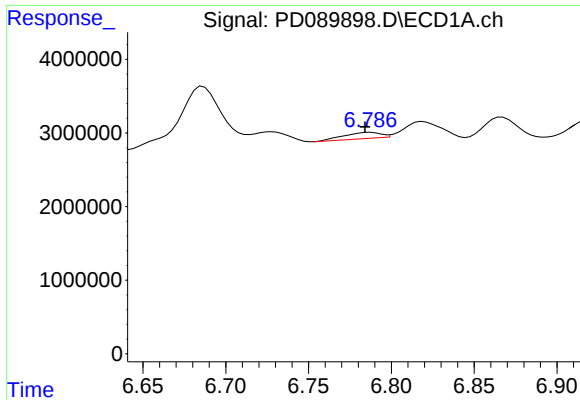
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.572 min
Response: 0
Conc: N.D.



#14 Endrin

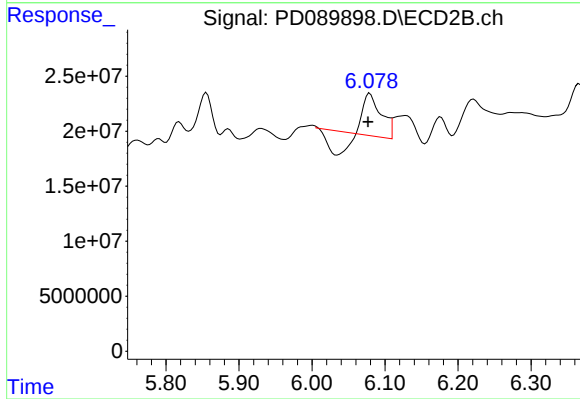
R.T.: 5.790 min
Delta R.T.: 0.005 min
Response: 3328256
Conc: 0.17 ng/ml



#15 Endosulfan II

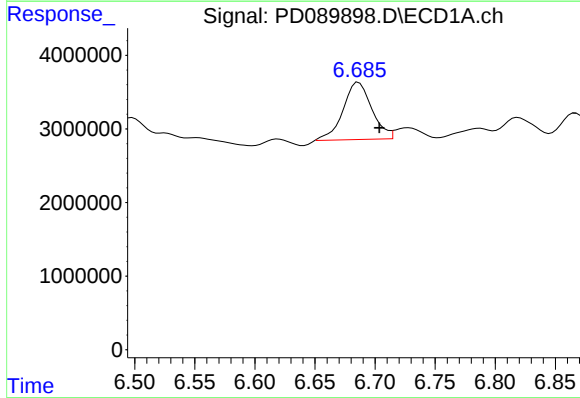
R.T.: 6.787 min
Delta R.T.: 0.003 min
Response: 1282207
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



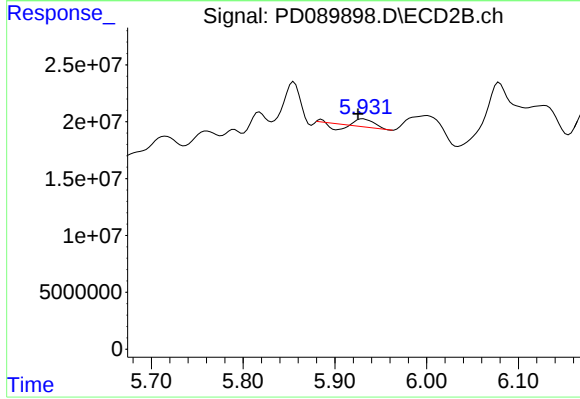
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 29656336
Conc: 1.58 ng/ml



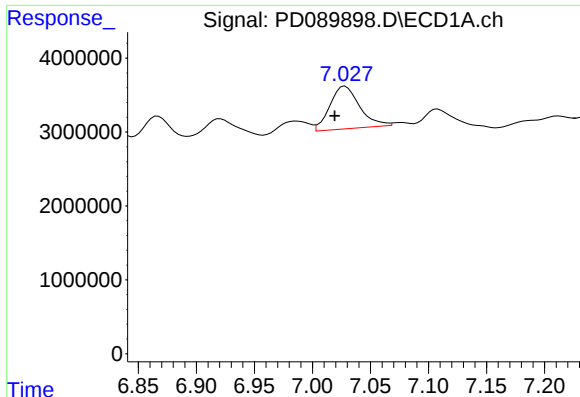
#16 4,4'-DDD

R.T.: 6.686 min
Delta R.T.: -0.017 min
Response: 13004405
Conc: 4.34 ng/ml



#16 4,4'-DDD

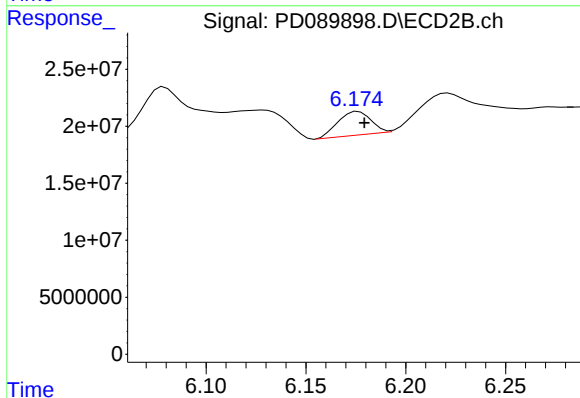
R.T.: 5.931 min
Delta R.T.: 0.005 min
Response: 5012524
Conc: 0.28 ng/ml



#17 4,4'-DDT

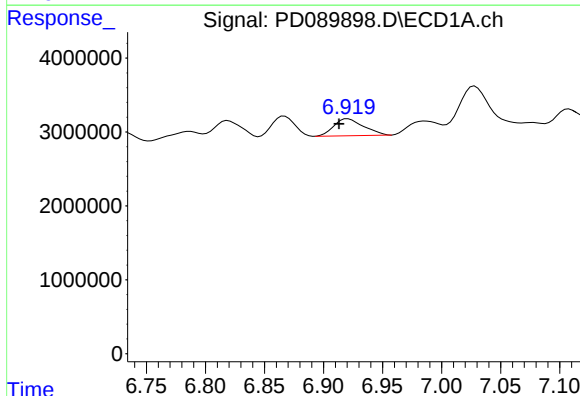
R.T.: 7.028 min
Delta R.T.: 0.009 min
Response: 10314364
Conc: 3.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



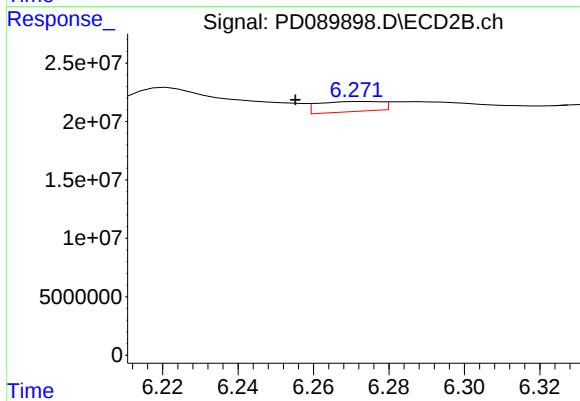
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 23548573
Conc: 1.28 ng/ml



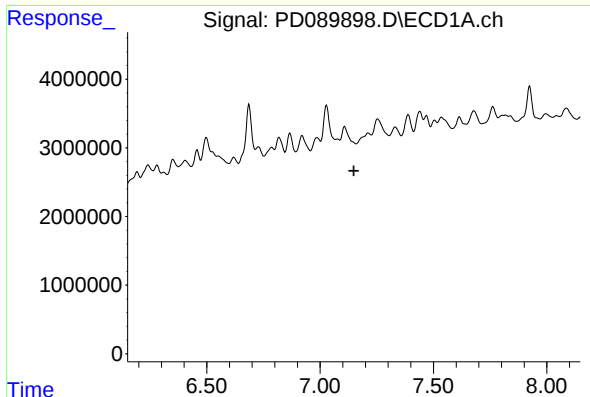
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.007 min
Response: 4020406
Conc: 1.61 ng/ml



#18 Endrin aldehyde

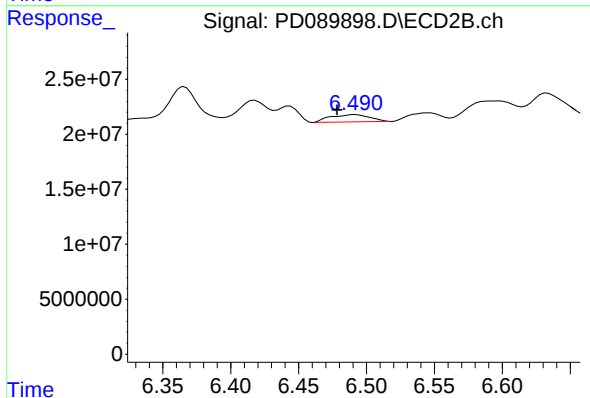
R.T.: 6.273 min
Delta R.T.: 0.018 min
Response: 10004442
Conc: 0.77 ng/ml



#19 Endosulfan Sulfate

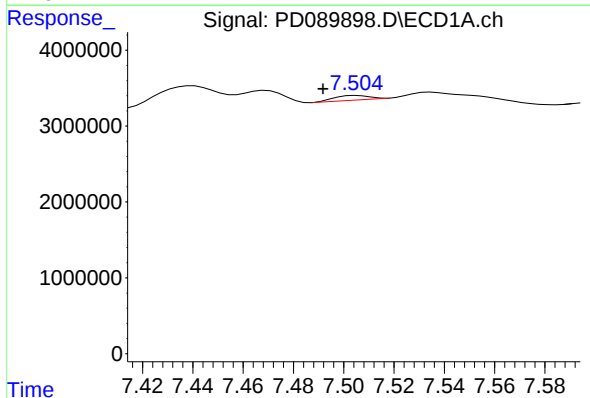
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
22M-S



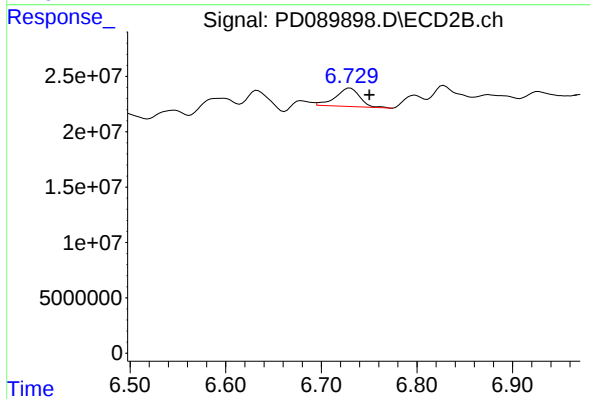
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: 0.013 min
Response: 11352250
Conc: 0.61 ng/ml



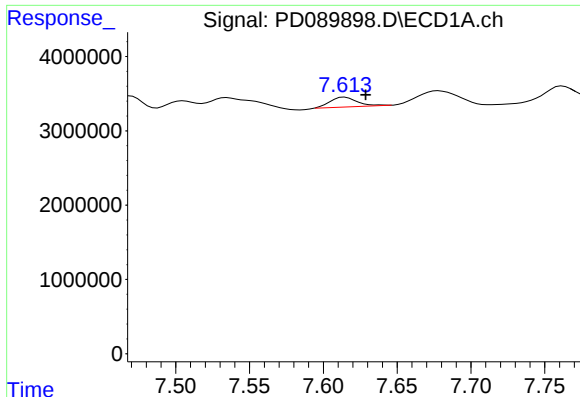
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.014 min
Response: 580206
Conc: 0.32 ng/ml



#20 Methoxychlor

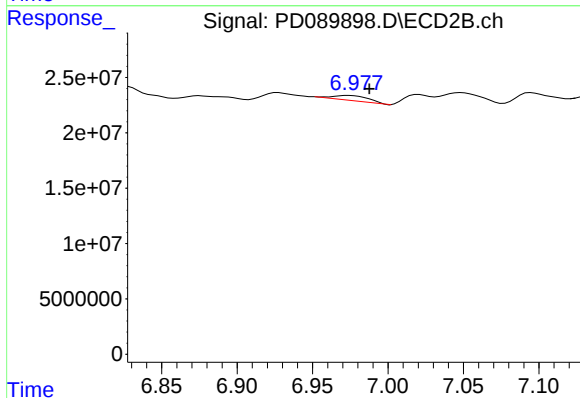
R.T.: 6.730 min
Delta R.T.: -0.020 min
Response: 29350411
Conc: 3.00 ng/ml



#21 Endrin ketone

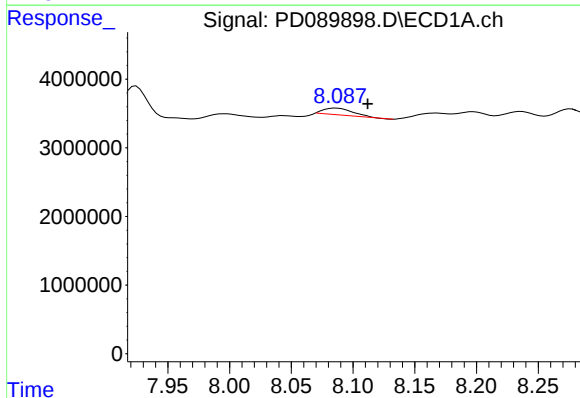
R.T.: 7.614 min
Delta R.T.: -0.014 min
Response: 1708039
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



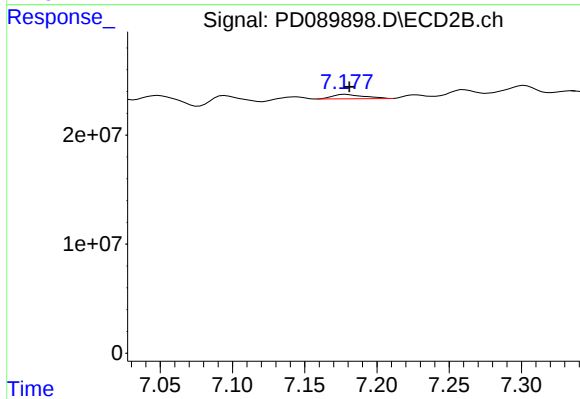
#21 Endrin ketone

R.T.: 6.974 min
Delta R.T.: -0.014 min
Response: 7554335
Conc: 0.38 ng/ml



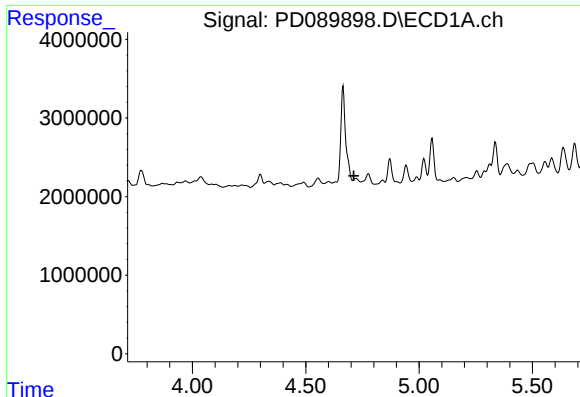
#22 Mirex

R.T.: 8.087 min
Delta R.T.: -0.025 min
Response: 1617428
Conc: 0.58 ng/ml



#22 Mirex

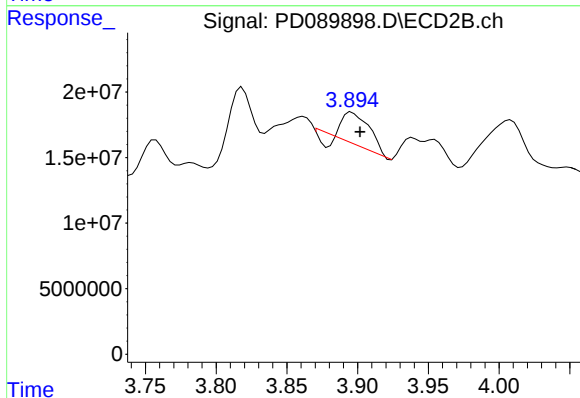
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 6051135
Conc: 0.40 ng/ml



#23 Chlordane-1

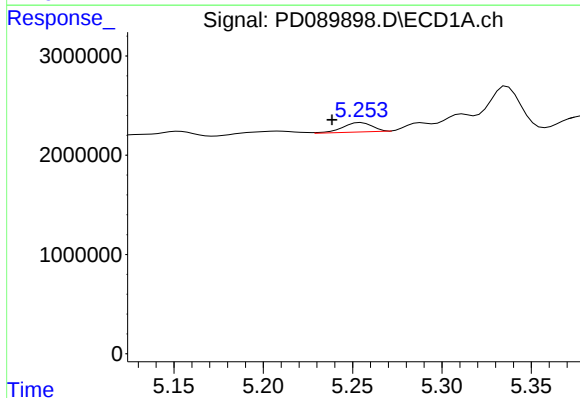
R.T.: 4.722 min
Delta R.T.: 0.010 min
Response: -1166552
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
22M-S



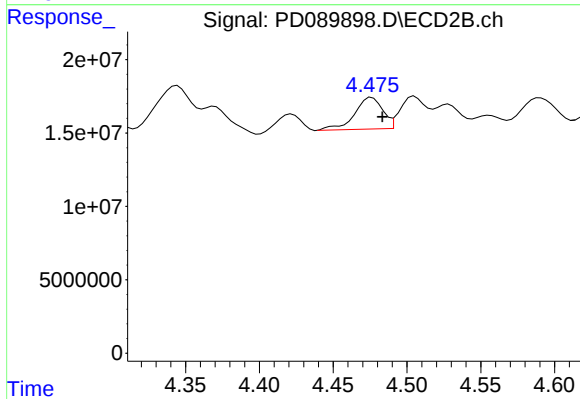
#23 Chlordane-1

R.T.: 3.896 min
Delta R.T.: -0.006 min
Response: 28286503
Conc: 38.67 ng/ml



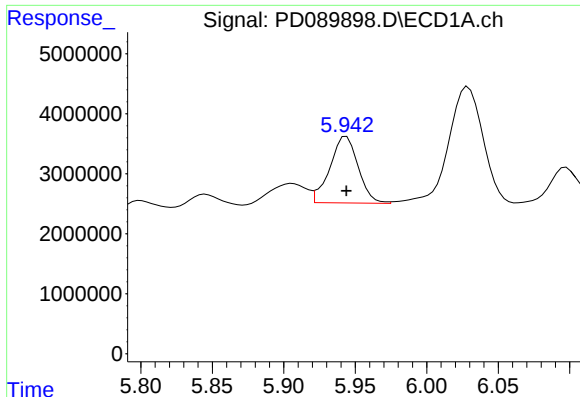
#24 Chlordane-2

R.T.: 5.255 min
Delta R.T.: 0.016 min
Response: 1067376
Conc: 6.28 ng/ml



#24 Chlordane-2

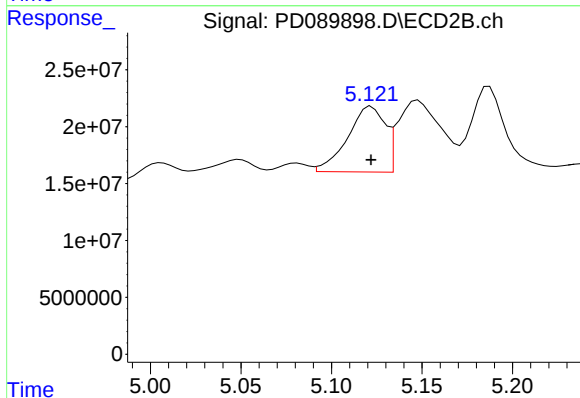
R.T.: 4.476 min
Delta R.T.: -0.007 min
Response: 28509385
Conc: 37.30 ng/ml



#25 Chlordane-3

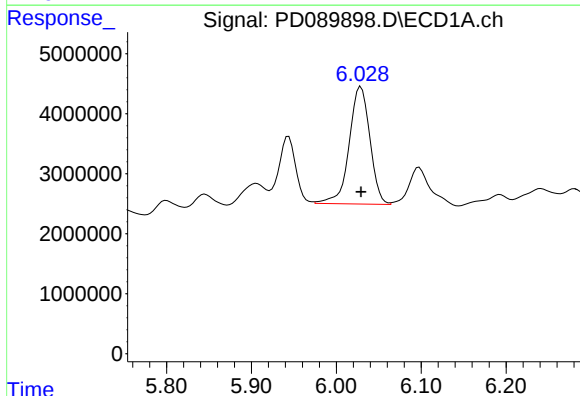
R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 15328341
Conc: 22.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



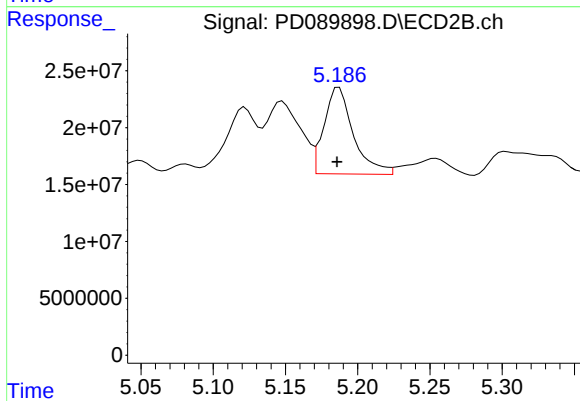
#25 Chlordane-3

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 82858215
Conc: 35.80 ng/ml



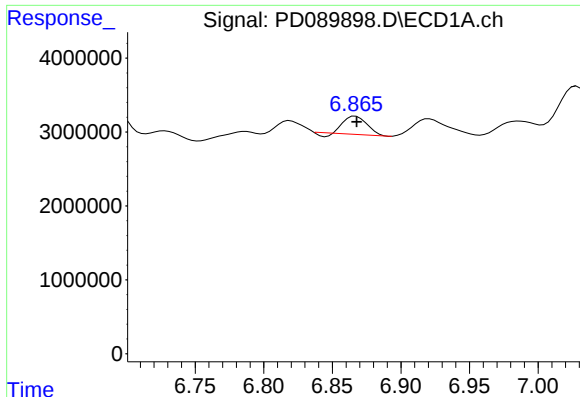
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 33192127
Conc: 39.65 ng/ml



#26 Chlordane-4

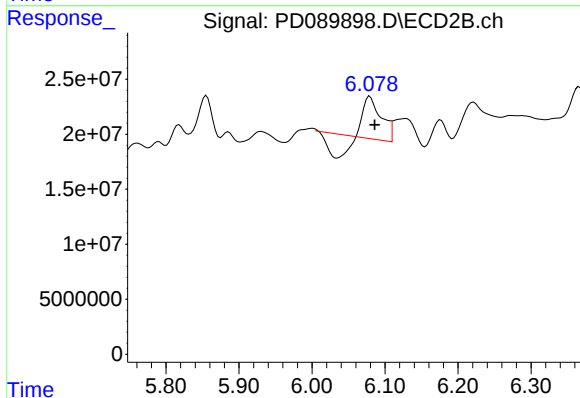
R.T.: 5.187 min
Delta R.T.: 0.001 min
Response: 107233545
Conc: 53.90 ng/ml



#27 Chlordane-5

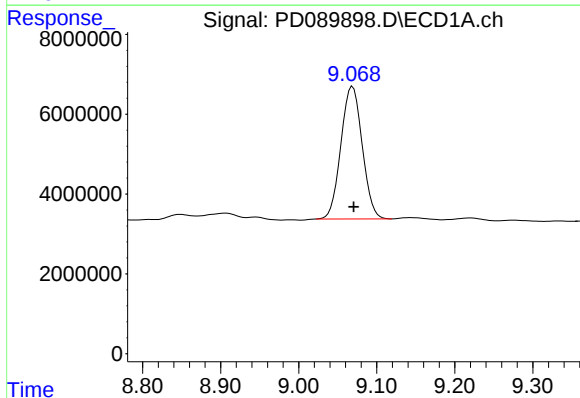
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 2731936
Conc: 18.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
22M-S



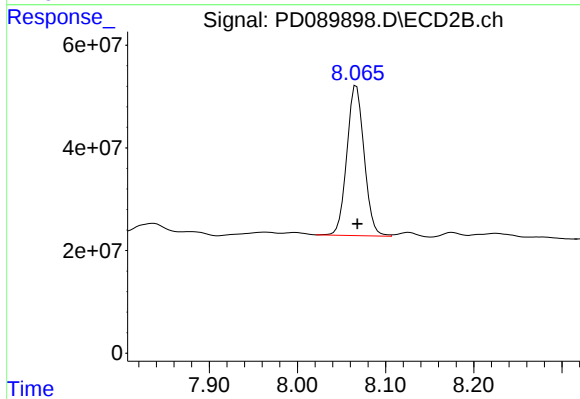
#27 Chlordane-5

R.T.: 6.079 min
Delta R.T.: -0.007 min
Response: 29656336
Conc: 32.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 62932627
Conc: 16.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 398048952
Conc: 19.83 ng/ml