Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
Data File : PD078250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2023 20:40
Operator : AR\AJ
Sample : 04531-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:06:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 2023
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...	3.540	2.758	46629726	33458418	18.365	21.154	
28)	SA Decachlor...	9.076	7.894	57337169	34000706	18.822	19.703	
	Target Compounds							
2)	A alpha-BHC	3.997	3.259	192.9E6	115.5E6	46.878	49.935	
3)	MA gamma-BHC...	4.330	3.589	175.4E6	109.6E6	44.340	49.038	
4)	MA Heptachlor	4.920	3.928	184.4E6	118.2E6	47.072	52.552	
5)	MB Aldrin	5.263	4.206	175.5E6	104.9E6	43.637	46.038	
6)	B beta-BHC	4.528	3.886	68015224	45740998	42.146	51.321	
7)	B delta-BHC	4.775	4.115	162.5E6	108.5E6	44.090	50.028	
8)	B Heptachlo...	5.690	4.709	154.2E6	102.2E6	43.132	50.373	
9)	A Endosulfan I	6.077	5.079	144.3E6	86108364	43.876	45.970	
10)	B gamma-Chl...	5.947	4.959	158.8E6	109.1E6	45.104	54.274	
11)	B alpha-Chl...	6.026	5.023	161.4E6	104.2E6	45.350	51.697	
12)	B 4,4'-DDE	6.198	5.211	130.5E6	96997934	40.531	53.141	#
13)	MA Dieldrin	6.352	5.343	149.8E6	103.3E6	42.091	50.602	
14)	MA Endrin	6.583	5.618	128.3E6	91693353	42.310	50.623	
15)	B Endosulfa...	6.802	5.913	125.5E6	80783401	40.518	47.213	
16)	A 4,4'-DDD	6.717	5.766	113.9E6	73735989	44.462	52.766	
17)	MA 4,4'-DDT	7.031	6.017	119.4E6	76334628	45.644	54.029	
18)	B Endrin al...	6.933	6.092	91176699	61434828	38.368	45.513	
19)	B Endosulfa...	7.168	6.315	116.4E6	79164827	41.017	49.440	
20)	A Methoxychlor	7.508	6.592	60471384	38827404	39.096	50.149	#
21)	B Endrin ke...	7.654	6.822	123.9E6	82678153	38.137	43.728	
22)	Mirex	8.128	7.002	87690912	65198105	36.461	42.578	
23)	Chlordane-1	4.692	3.754	1863492	558599	15.942	9.809	#
24)	Chlordane-2	5.263f	4.332	175.5E6	698904	1375.057	10.973	#
25)	Chlordane-3	5.947	4.959	158.8E6	109.1E6	316.057	556.062	#
26)	Chlordane-4	6.026	5.023	161.4E6	104.2E6	261.962	550.435	#
27)	Chlordane-5	6.883	5.913	762871	80783401	7.537	1255.614	#

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

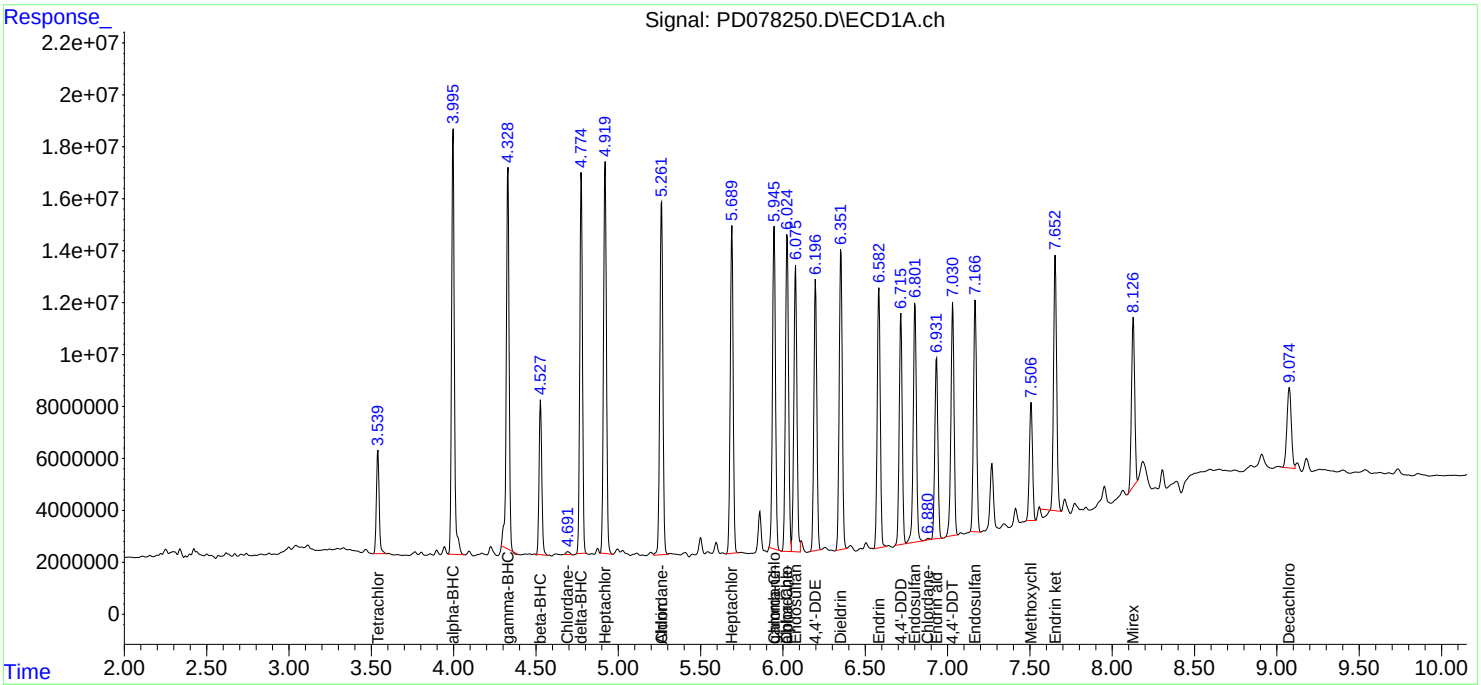
Quantitation Report (Not Reviewed)

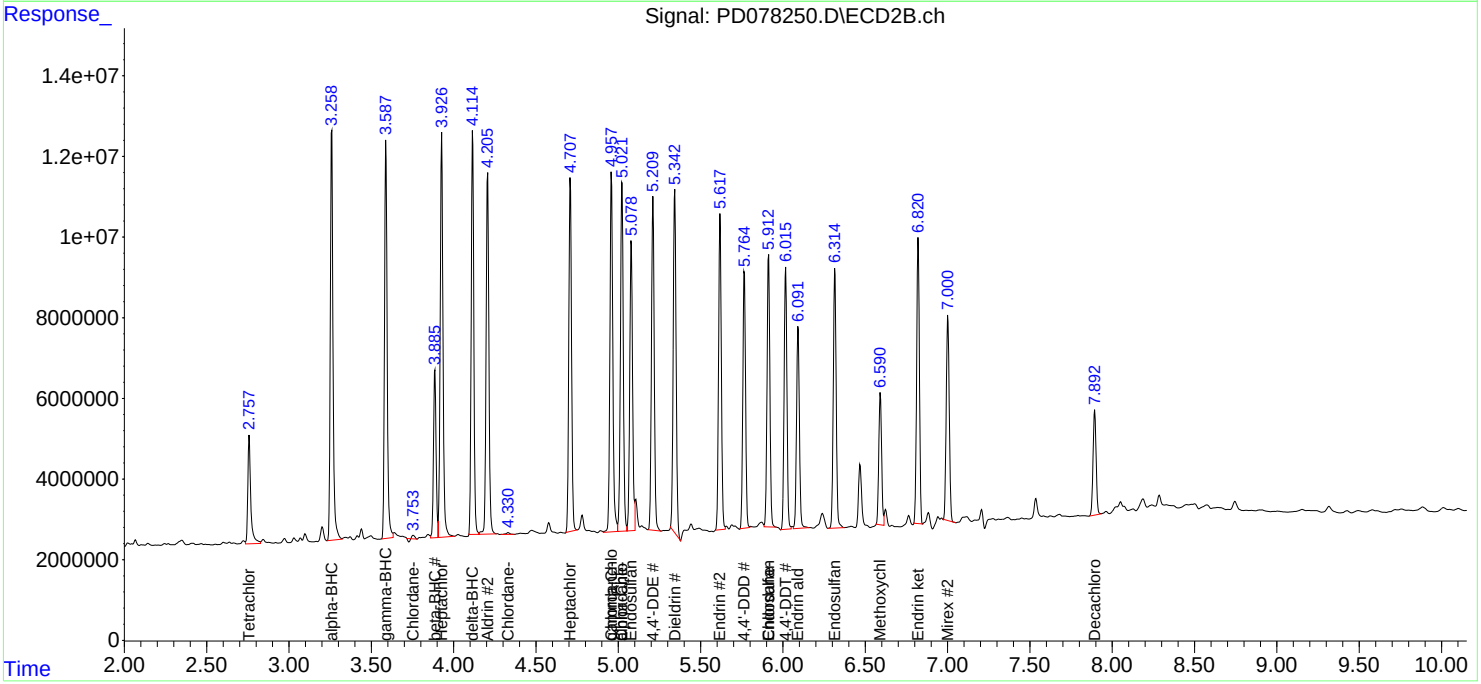
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
Data File : PD078250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2023 20:40
Operator : AR\AJ
Sample : 04531-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

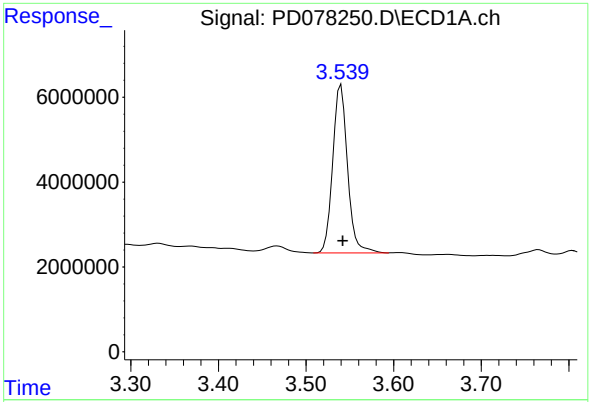
Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:06:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 2023
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



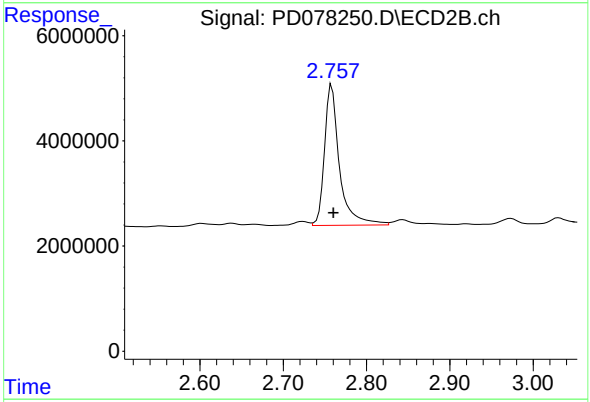




#1 Tetrachloro-m-xylene

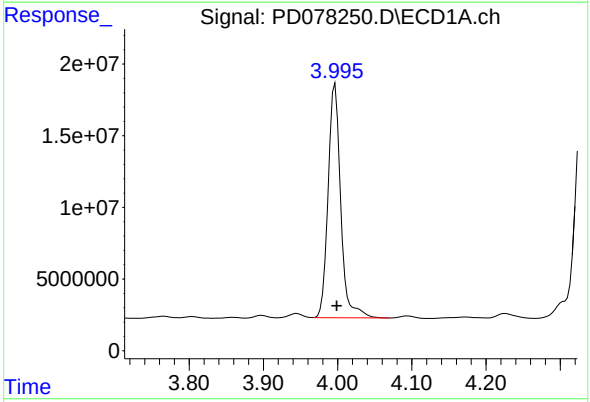
R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 46629726
Conc: 18.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



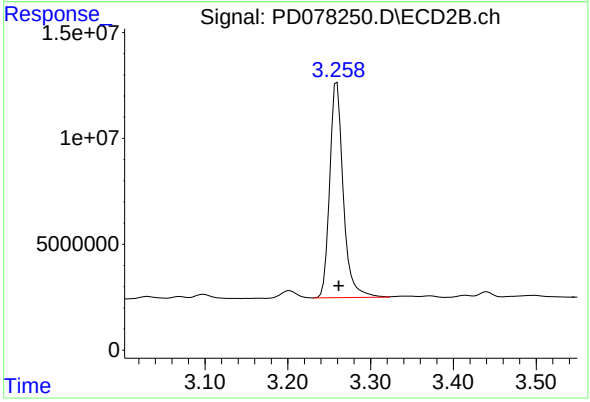
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 33458418
Conc: 21.15 ng/ml



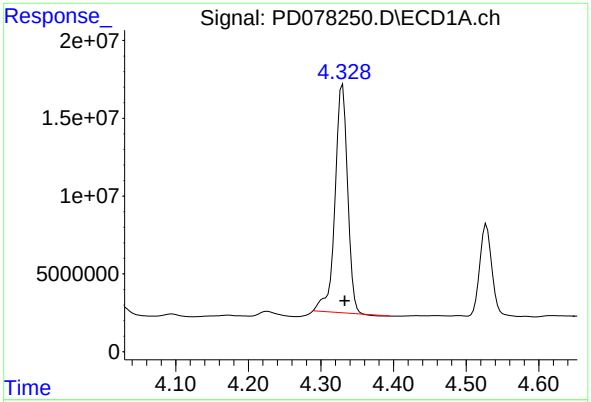
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 192861645
Conc: 46.88 ng/ml



#2 alpha-BHC

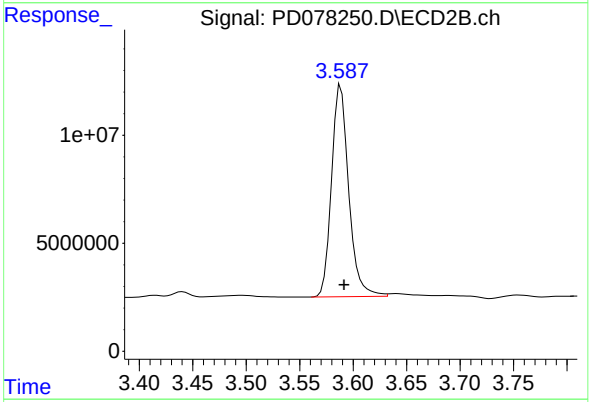
R.T.: 3.259 min
Delta R.T.: -0.002 min
Response: 115527269
Conc: 49.94 ng/ml



#3 gamma-BHC (Lindane)

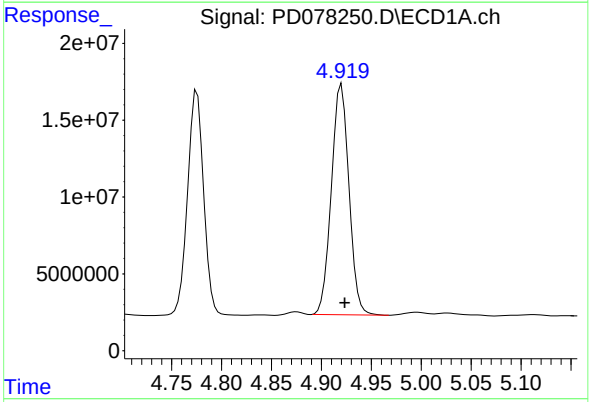
R.T.: 4.330 min
Delta R.T.: -0.003 min
Response: 175407314
Conc: 44.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



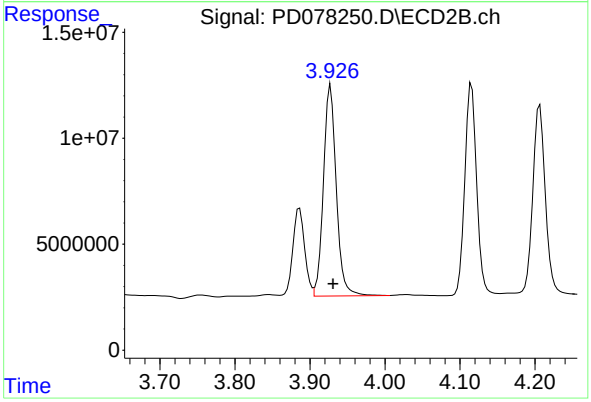
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: -0.003 min
Response: 109623075
Conc: 49.04 ng/ml



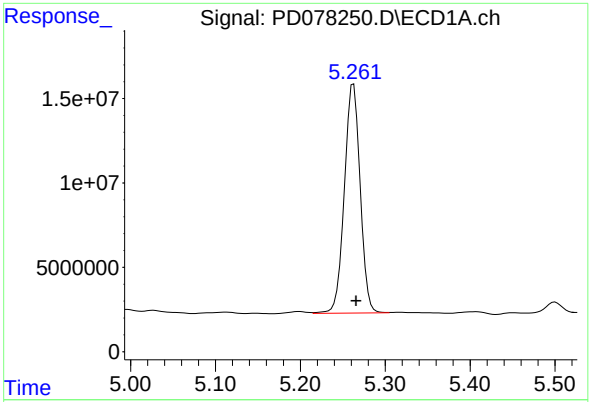
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 184425129
Conc: 47.07 ng/ml



#4 Heptachlor

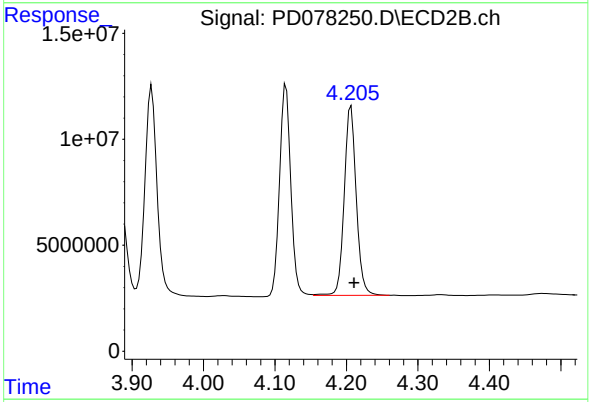
R.T.: 3.928 min
Delta R.T.: -0.003 min
Response: 118210576
Conc: 52.55 ng/ml



#5 Aldrin

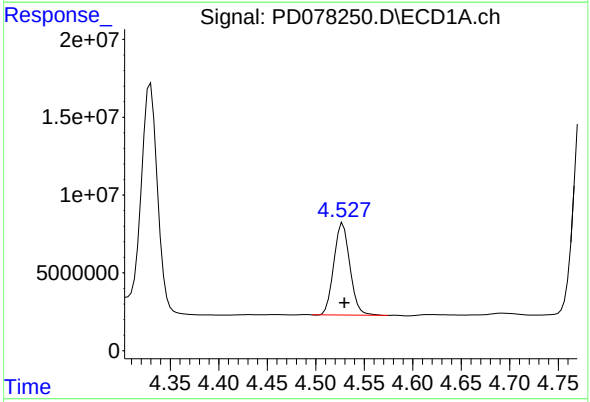
R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 175501268
Conc: 43.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



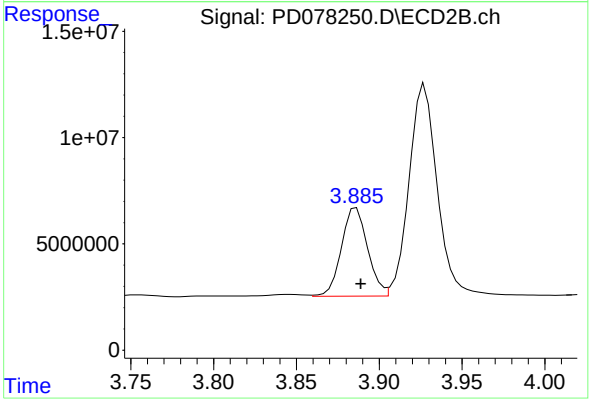
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: -0.004 min
Response: 104874750
Conc: 46.04 ng/ml



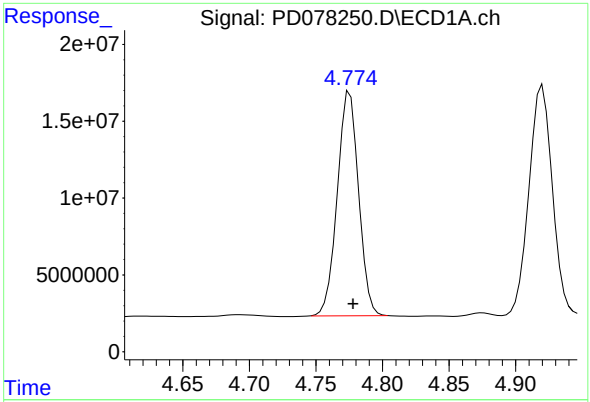
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.002 min
Response: 68015224
Conc: 42.15 ng/ml



#6 beta-BHC

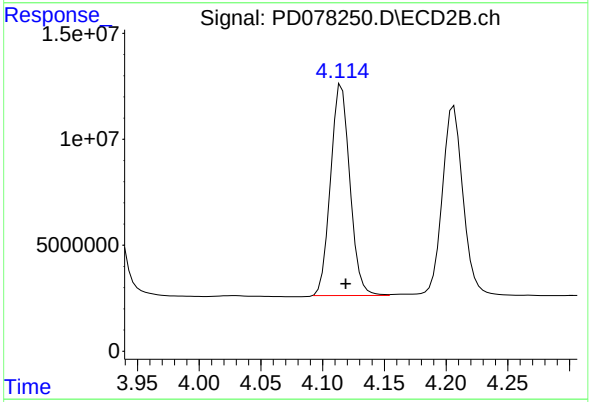
R.T.: 3.886 min
Delta R.T.: -0.003 min
Response: 45740998
Conc: 51.32 ng/ml



#7 delta-BHC

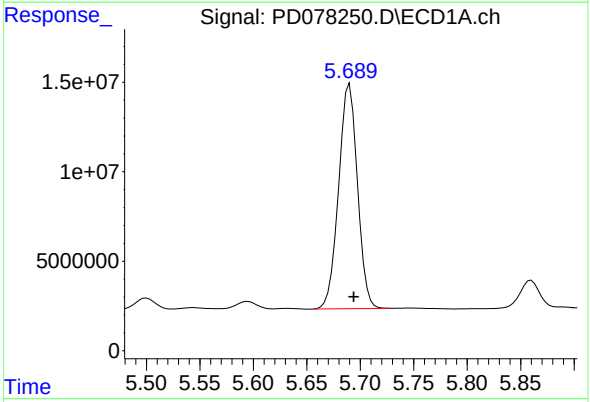
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 162532813
Conc: 44.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



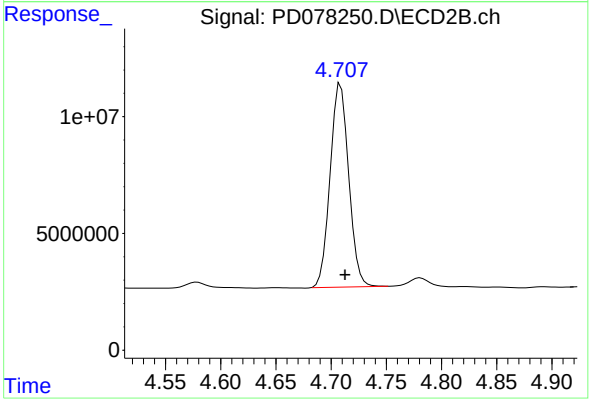
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: -0.003 min
Response: 108452519
Conc: 50.03 ng/ml



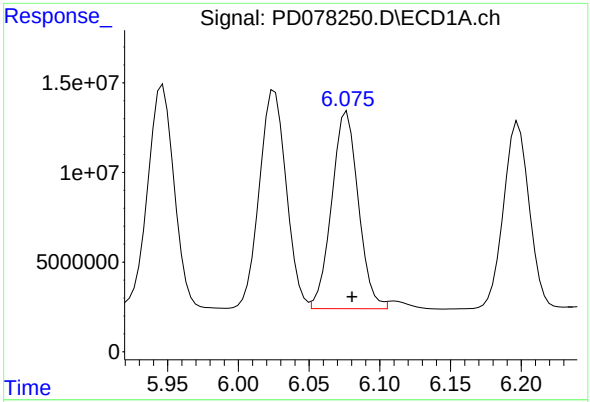
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 154221072
Conc: 43.13 ng/ml



#8 Heptachlor epoxide

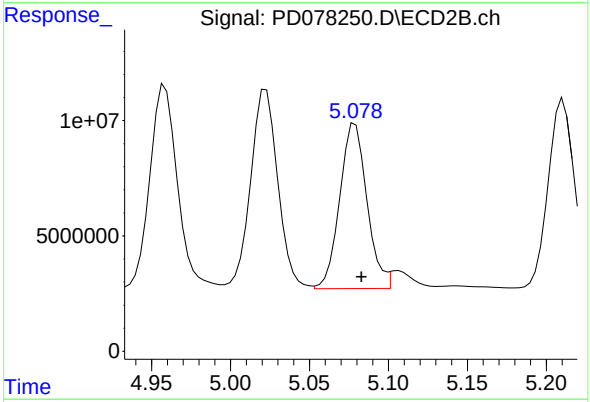
R.T.: 4.709 min
Delta R.T.: -0.004 min
Response: 102167422
Conc: 50.37 ng/ml



#9 Endosulfan I

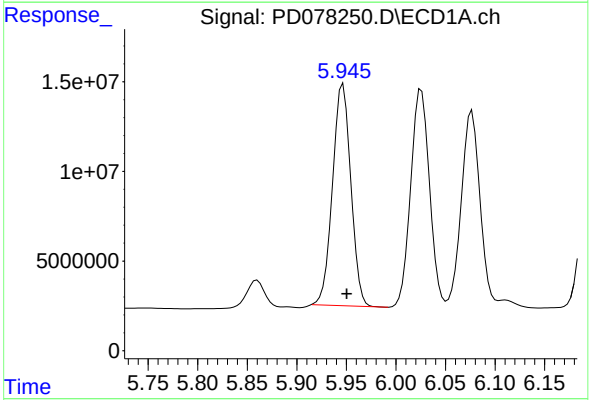
R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 144312791
Conc: 43.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



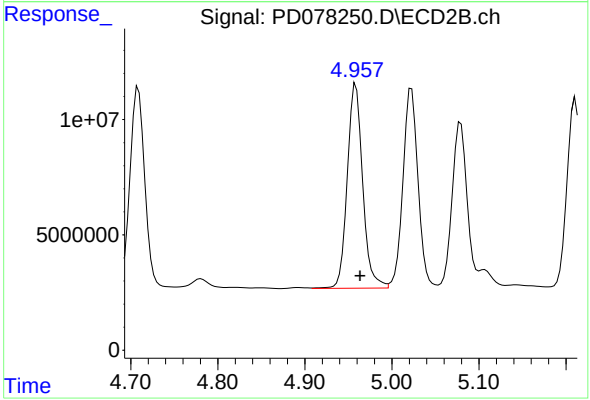
#9 Endosulfan I

R.T.: 5.079 min
Delta R.T.: -0.004 min
Response: 86108364
Conc: 45.97 ng/ml



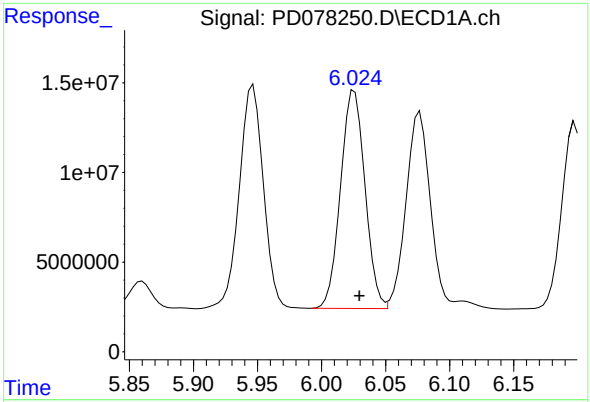
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 158780831
Conc: 45.10 ng/ml



#10 gamma-Chlordane

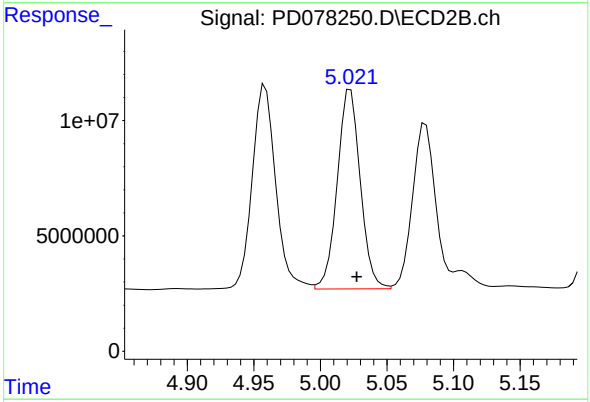
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 109100731
Conc: 54.27 ng/ml



#11 alpha-Chlordane

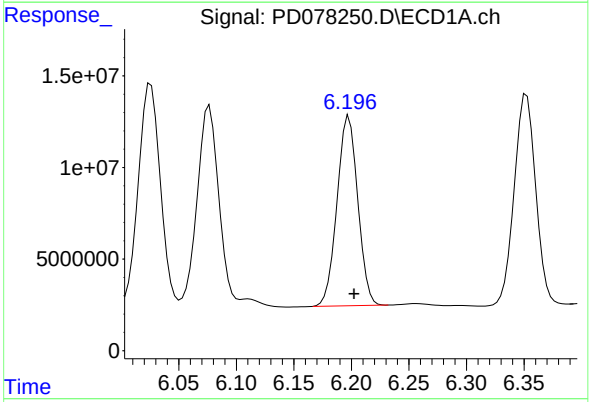
R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 161370012
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



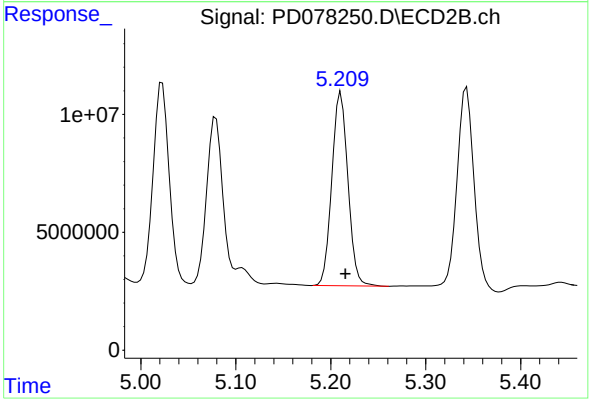
#11 alpha-Chlordane

R.T.: 5.023 min
Delta R.T.: -0.005 min
Response: 104154584
Conc: 51.70 ng/ml



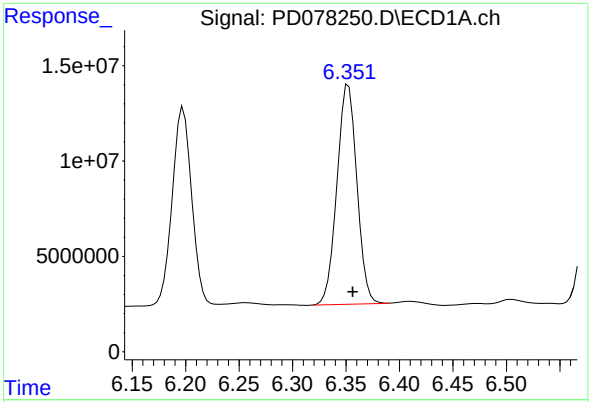
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.005 min
Response: 130495414
Conc: 40.53 ng/ml



#12 4,4'-DDE

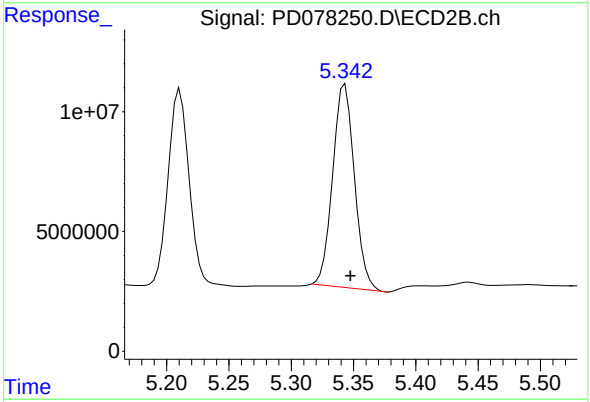
R.T.: 5.211 min
Delta R.T.: -0.005 min
Response: 96997934
Conc: 53.14 ng/ml



#13 Dieldrin

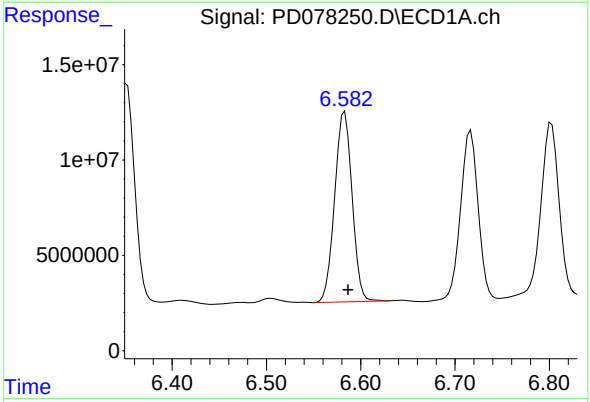
R.T.: 6.352 min
Delta R.T.: -0.004 min
Response: 149751824
Conc: 42.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



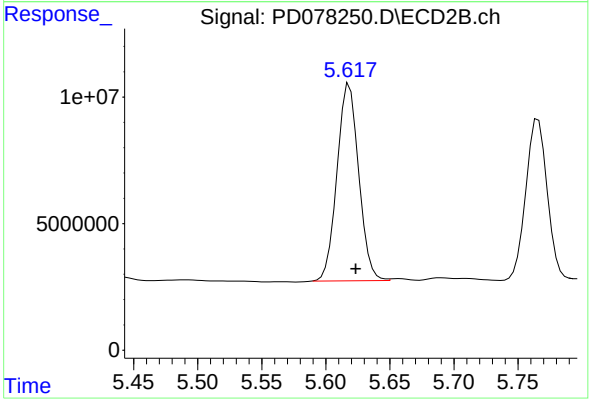
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: -0.005 min
Response: 103320263
Conc: 50.60 ng/ml



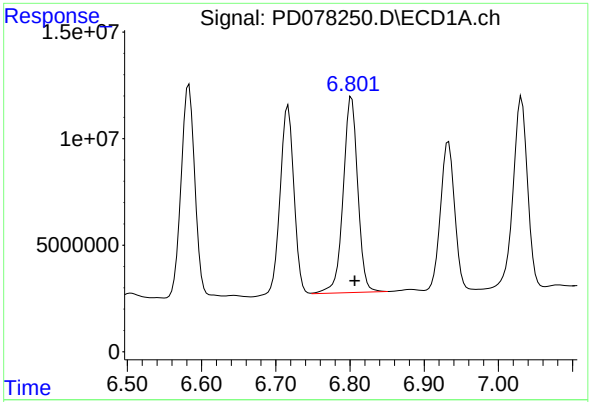
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 128332621
Conc: 42.31 ng/ml



#14 Endrin

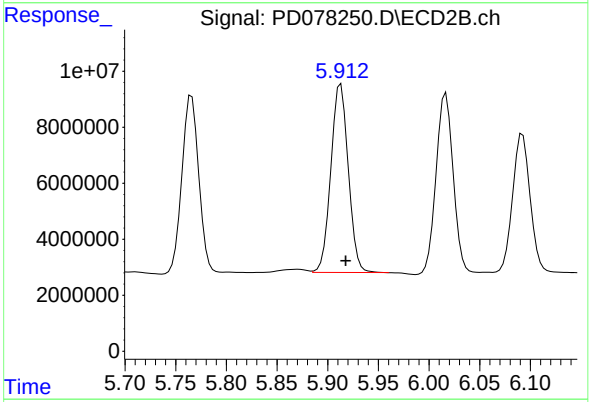
R.T.: 5.618 min
Delta R.T.: -0.005 min
Response: 91693353
Conc: 50.62 ng/ml



#15 Endosulfan II

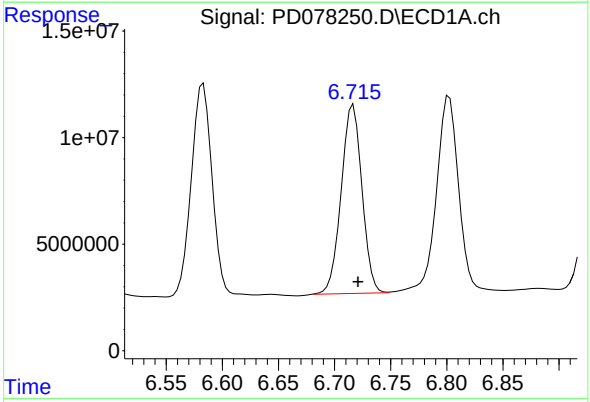
R.T.: 6.802 min
Delta R.T.: -0.004 min
Response: 125549493
Conc: 40.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



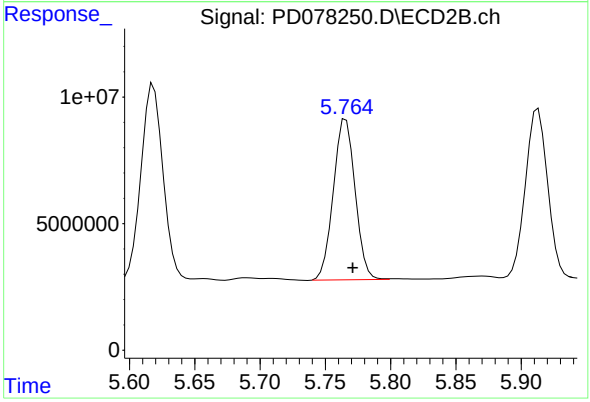
#15 Endosulfan II

R.T.: 5.913 min
Delta R.T.: -0.005 min
Response: 80783401
Conc: 47.21 ng/ml



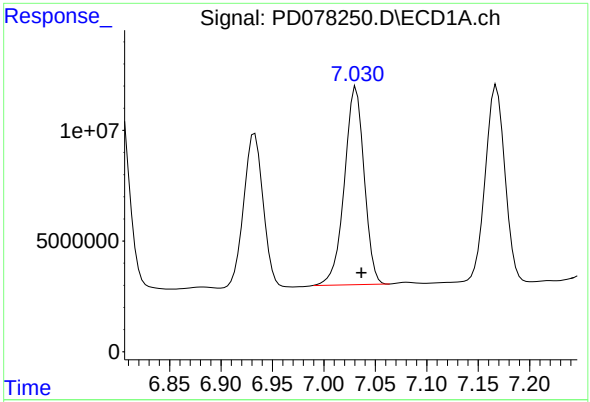
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 113925523
Conc: 44.46 ng/ml



#16 4,4'-DDD

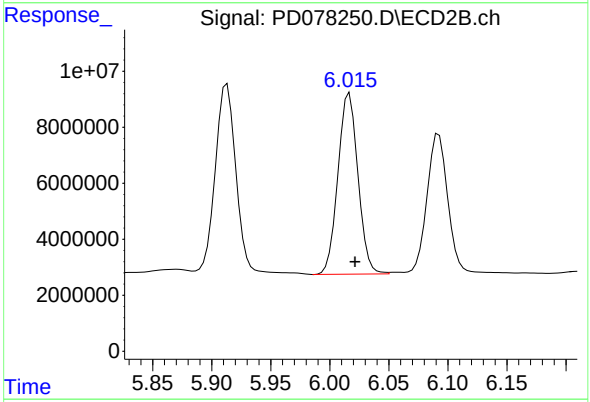
R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 73735989
Conc: 52.77 ng/ml



#17 4,4'-DDT

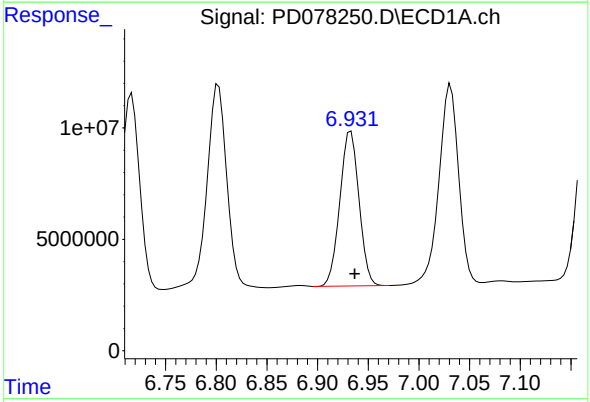
R.T.: 7.031 min
Delta R.T.: -0.005 min
Response: 119372709
Conc: 45.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



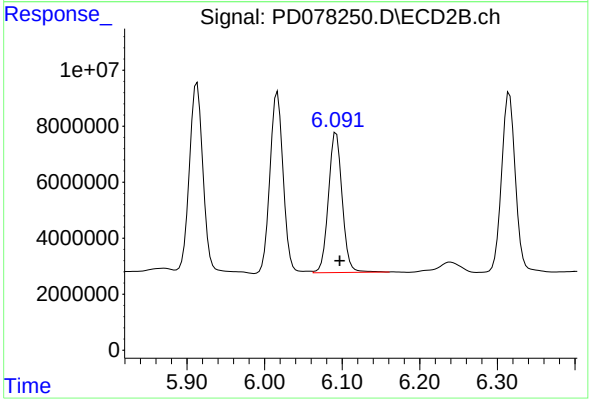
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: -0.005 min
Response: 76334628
Conc: 54.03 ng/ml



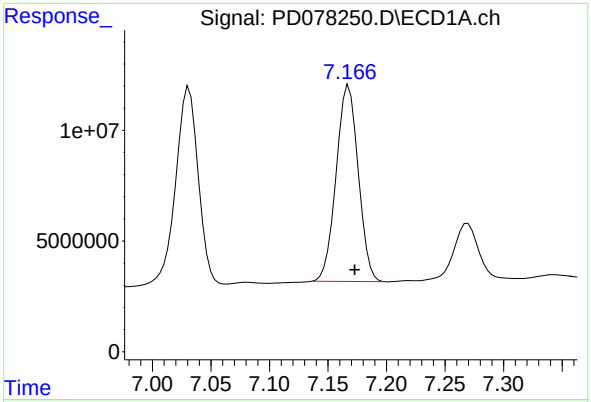
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: -0.004 min
Response: 91176699
Conc: 38.37 ng/ml



#18 Endrin aldehyde

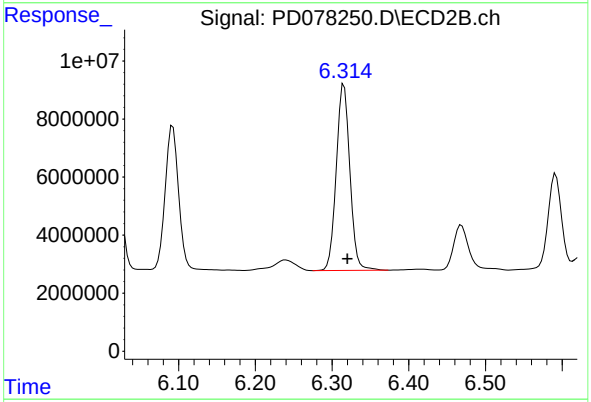
R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 61434828
Conc: 45.51 ng/ml



#19 Endosulfan Sulfate

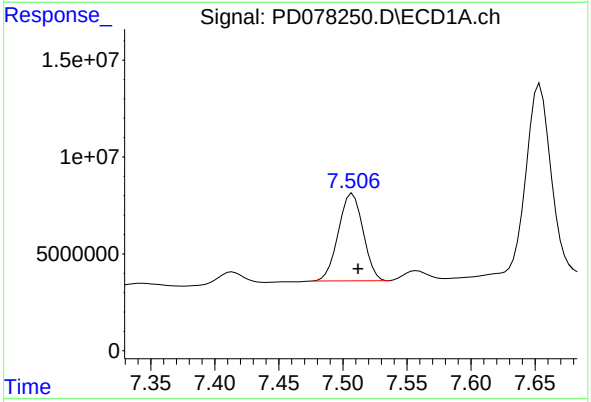
R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 116400888
Conc: 41.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



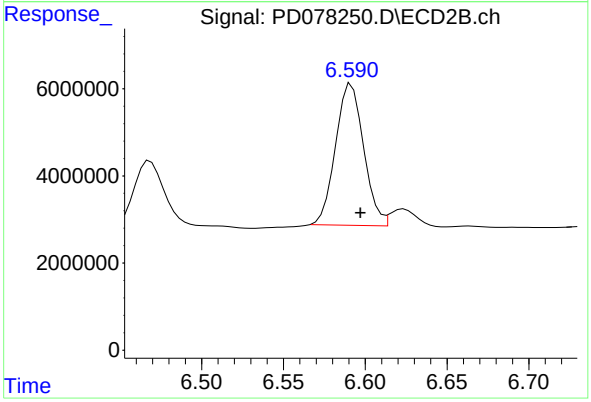
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: -0.004 min
Response: 79164827
Conc: 49.44 ng/ml



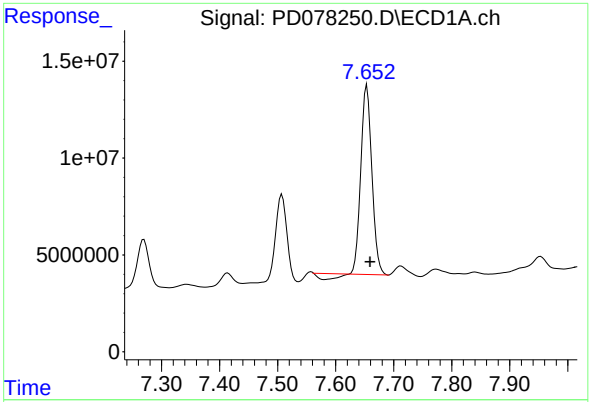
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: -0.004 min
Response: 60471384
Conc: 39.10 ng/ml



#20 Methoxychlor

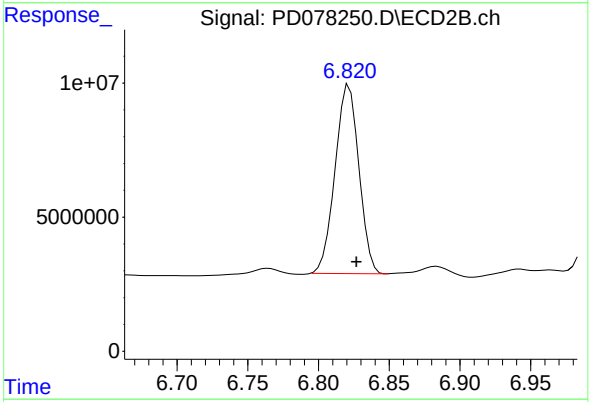
R.T.: 6.592 min
Delta R.T.: -0.005 min
Response: 38827404
Conc: 50.15 ng/ml



#21 Endrin ketone

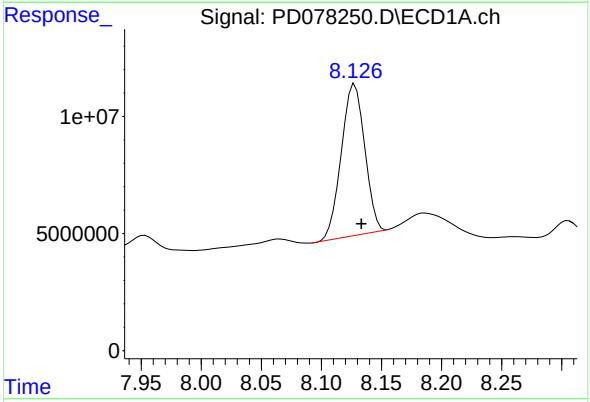
R.T.: 7.654 min
Delta R.T.: -0.005 min
Response: 123947493
Conc: 38.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



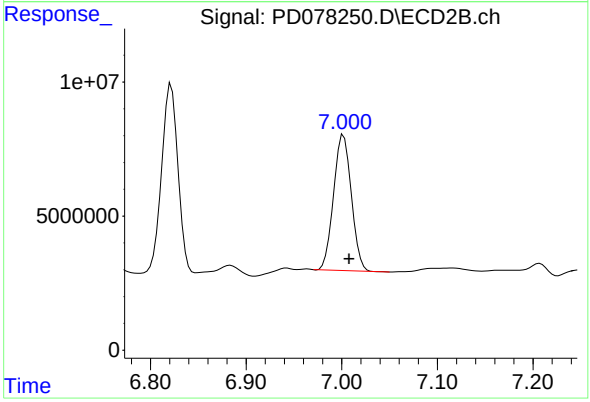
#21 Endrin ketone

R.T.: 6.822 min
Delta R.T.: -0.005 min
Response: 82678153
Conc: 43.73 ng/ml



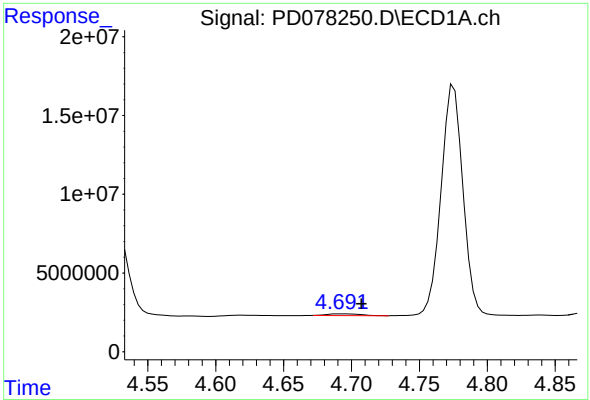
#22 Mirex

R.T.: 8.128 min
Delta R.T.: -0.005 min
Response: 87690912
Conc: 36.46 ng/ml



#22 Mirex

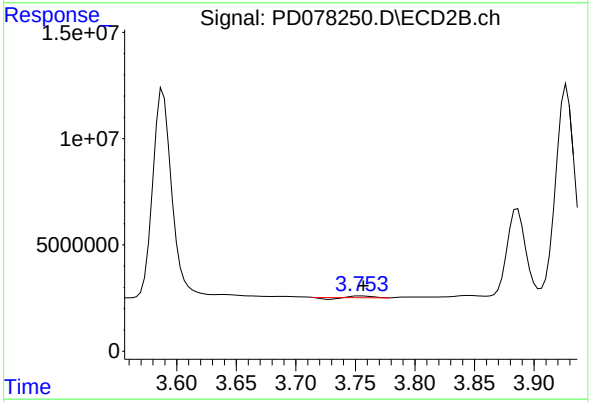
R.T.: 7.002 min
Delta R.T.: -0.006 min
Response: 65198105
Conc: 42.58 ng/ml



#23 Chlordane-1

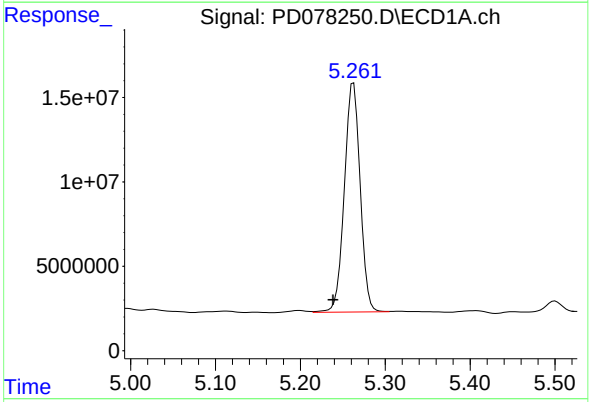
R.T.: 4.692 min
Delta R.T.: -0.015 min
Response: 1863492
Conc: 15.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



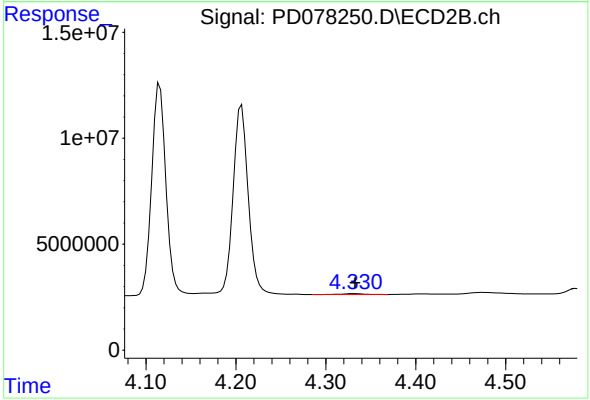
#23 Chlordane-1

R.T.: 3.754 min
Delta R.T.: -0.002 min
Response: 558599
Conc: 9.81 ng/ml



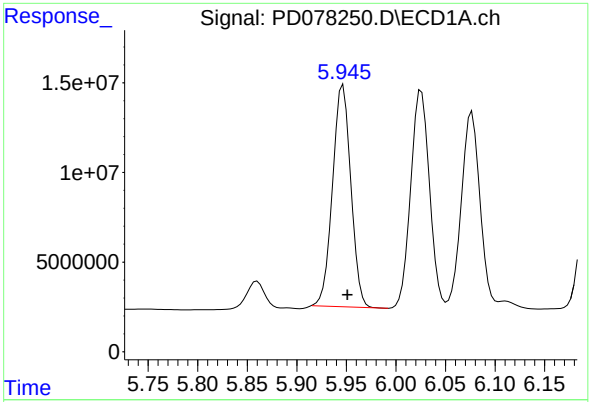
#24 Chlordane-2

R.T.: 5.263 min
Delta R.T.: 0.024 min
Response: 175501268
Conc: 1375.06 ng/ml



#24 Chlordane-2

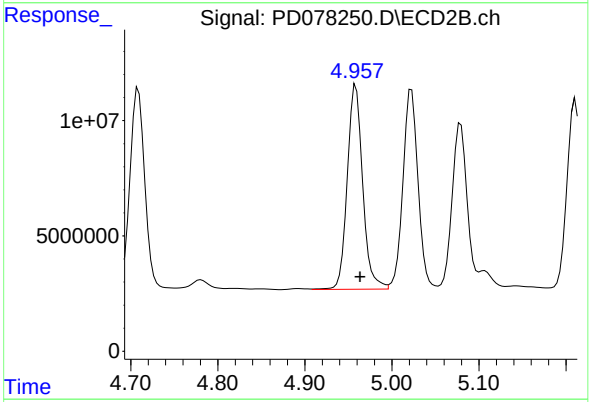
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 698904
Conc: 10.97 ng/ml



#25 Chlordane-3

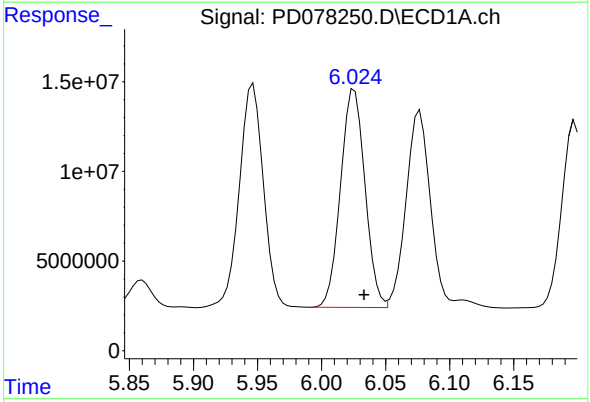
R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 158780831
Conc: 316.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



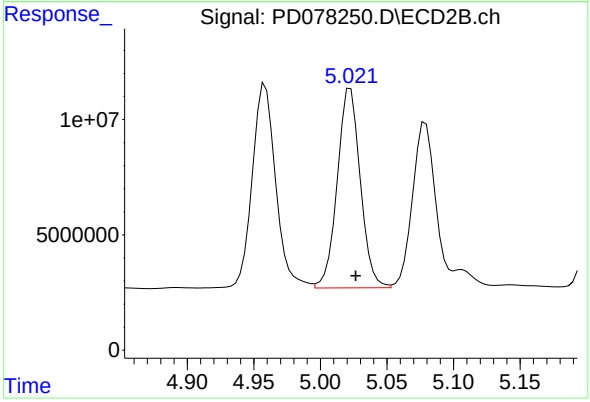
#25 Chlordane-3

R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 109100731
Conc: 556.06 ng/ml



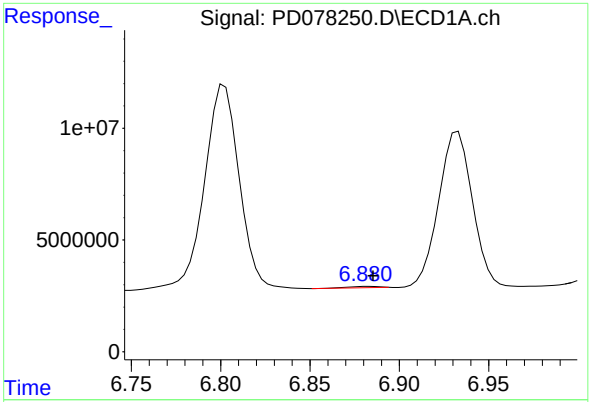
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.008 min
Response: 161370012
Conc: 261.96 ng/ml



#26 Chlordane-4

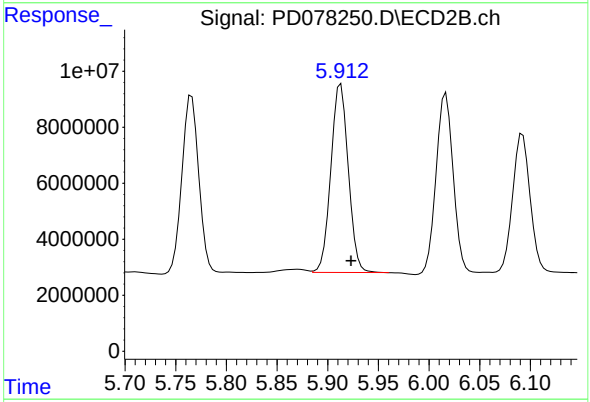
R.T.: 5.023 min
Delta R.T.: -0.004 min
Response: 104154584
Conc: 550.43 ng/ml



#27 Chlordane-5

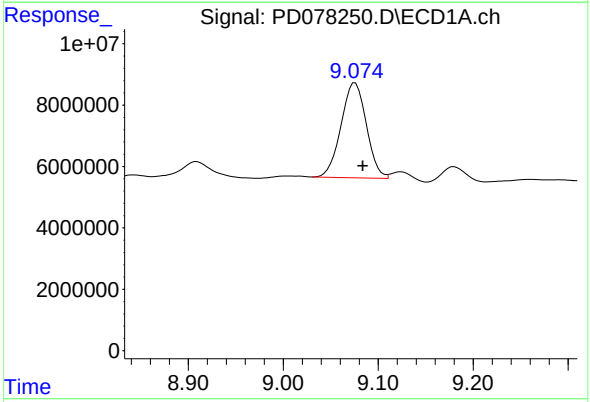
R.T.: 6.883 min
Delta R.T.: -0.003 min
Response: 762871
Conc: 7.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



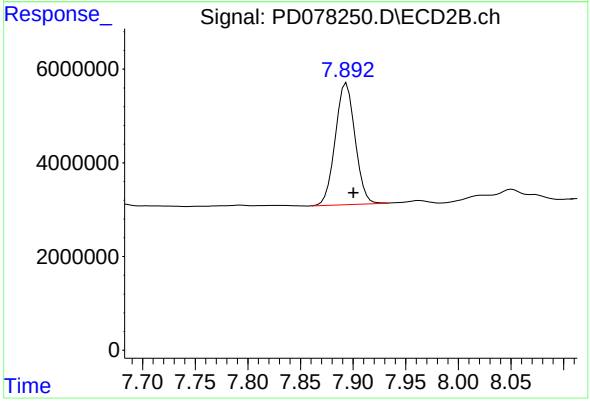
#27 Chlordane-5

R.T.: 5.913 min
Delta R.T.: -0.010 min
Response: 80783401
Conc: 1255.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.008 min
Response: 57337169
Conc: 18.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.006 min
Response: 34000706
Conc: 19.70 ng/ml