

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
 Data File : PD091236-5.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2025 20:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 01:12:38 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	188.4E6	2070.6E6	54.642	56.528
28)	SA Decachlor...	9.062	8.058	265.6E6	2097.7E6	53.305	53.007
Target Compounds							
2)	A alpha-BHC	3.991	3.383	464.3E6	3639.6E6	58.072	57.587
3)	MA gamma-BHC...	4.322	3.719	432.9E6	3304.0E6	57.934	57.142
4)	MA Heptachlor	4.919	4.071	427.2E6	3288.6E6	59.655	59.565
5)	MB Aldrin	5.261	4.356	407.3E6	3248.3E6	56.128	57.535
6)	B beta-BHC	4.509	4.015	158.3E6	1340.6E6	54.479	55.793
7)	B delta-BHC	4.757	4.252	402.6E6	3348.0E6	54.171	57.253
8)	B Heptachlo...	5.681	4.860	366.9E6	2887.1E6	56.472	56.656
9)	A Endosulfan I	6.064	5.234	341.6E6	2567.7E6	55.615	53.659
10)	B gamma-Chl...	5.936	5.113	365.2E6	3177.0E6	56.175	58.158
11)	B alpha-Chl...	6.017	5.177	368.8E6	3020.5E6	53.578	57.719
12)	B 4,4'-DDE	6.186	5.362	330.8E6	3106.8E6	57.036	58.135
13)	MA Dieldrin	6.337	5.500	368.1E6	3105.2E6	56.936	57.174
14)	MA Endrin	6.565	5.776	316.6E6	2926.0E6	63.779	64.744
15)	B Endosulfa...	6.778	6.068	320.4E6	2605.8E6	57.638	55.822
16)	A 4,4'-DDD	6.697	5.916	260.3E6	2559.1E6	52.996	52.367
17)	MA 4,4'-DDT	7.013	6.170	281.9E6	2706.3E6	68.175	69.157
18)	B Endrin al...	6.907	6.246	223.9E6	1938.7E6	53.739	54.937
19)	B Endosulfa...	7.142	6.470	279.7E6	2503.6E6	54.368	55.840
20)	A Methoxychlor	7.486	6.741	140.7E6	1322.5E6	64.688	65.955
21)	B Endrin ke...	7.623	6.979	295.8E6	2629.2E6	52.507	51.598
22)	Mirex	8.104	7.171	186.9E6	1776.8E6	52.544	53.614
23)	Chlordane-1	0.000	3.884	0	488197	N.D.	0.284 #
24)	Chlordane-2	5.261f	4.494	407.3E6	108.1E6	1649.392	61.721 #
25)	Chlordane-3	5.936	5.113	365.2E6	3177.0E6	378.484	552.185 #
26)	Chlordane-4	6.017	5.177	368.8E6	3020.5E6	306.996	631.439 #
27)	Chlordane-5	0.000	6.068	0	2605.8E6	N.D.	1284.138 #

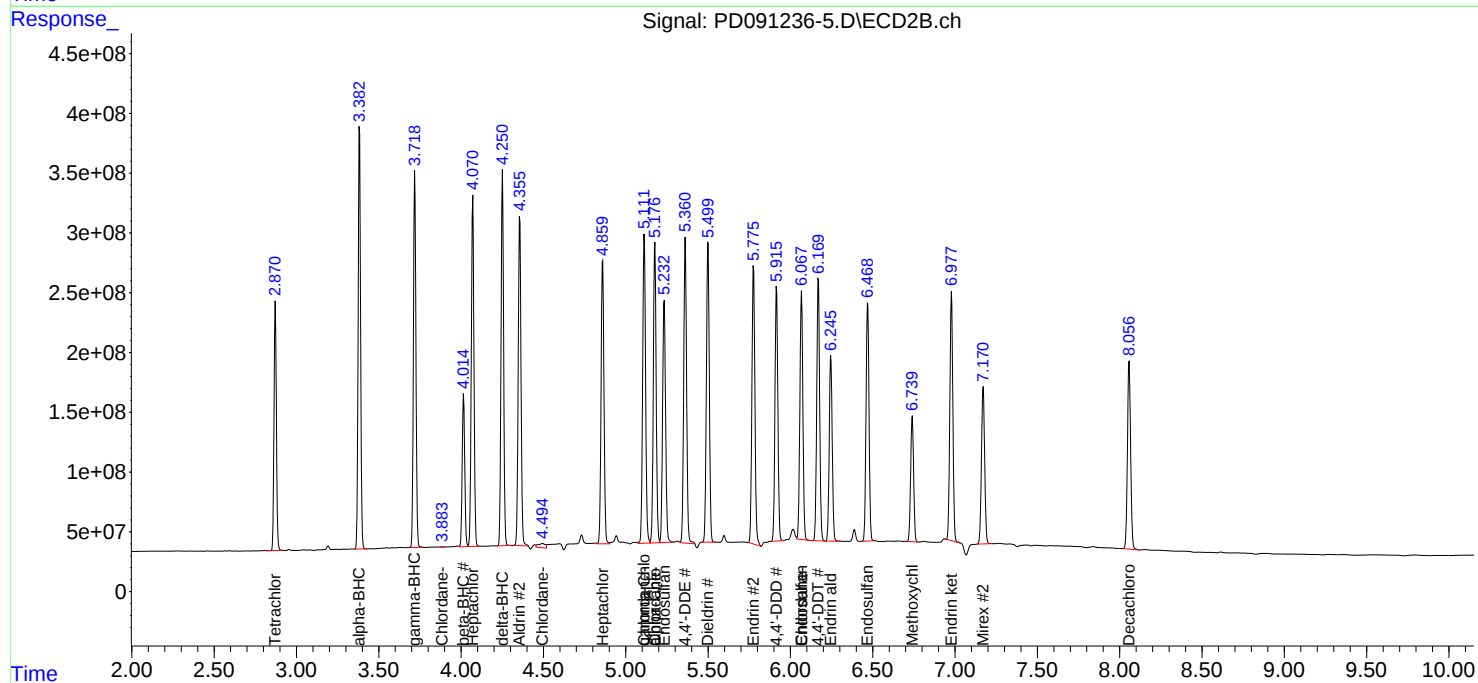
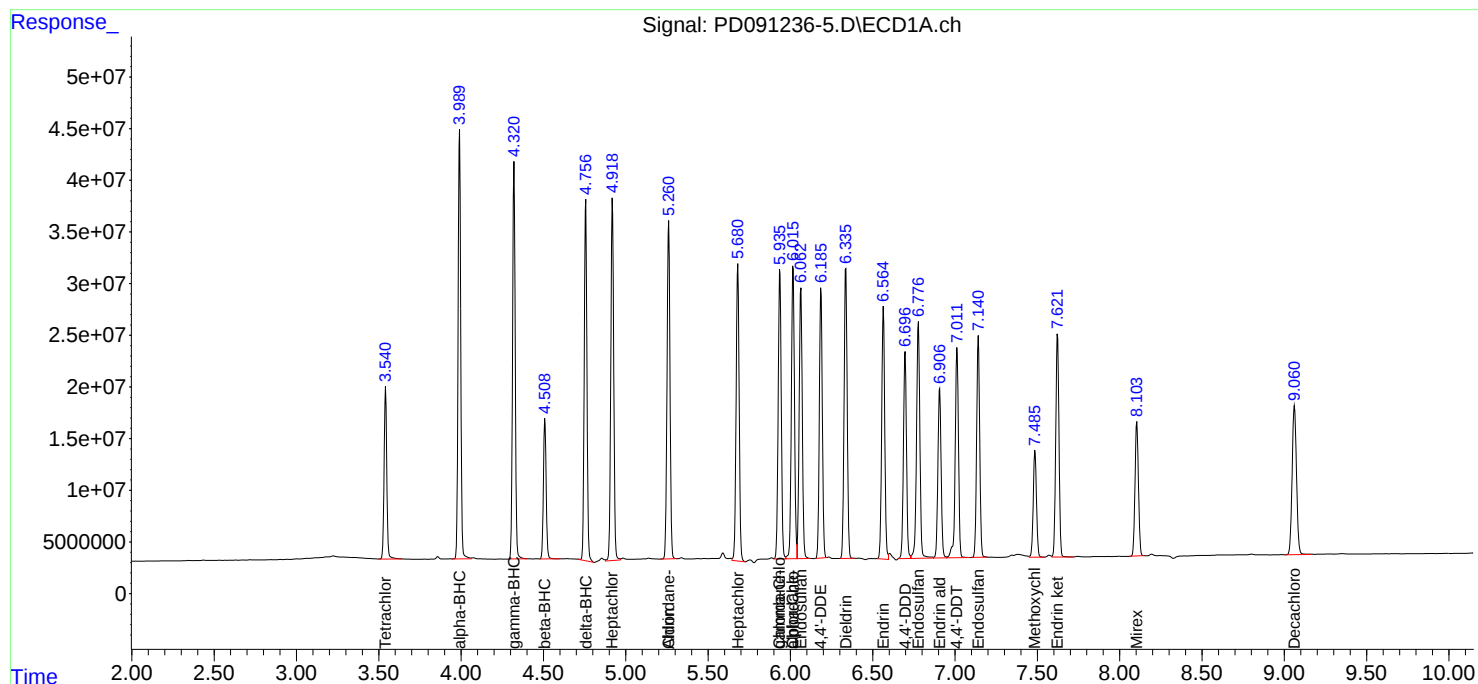
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

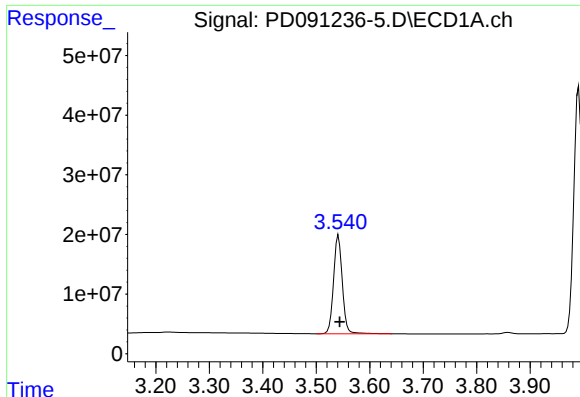
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091236-5.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 20:57
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
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Instrument :
ECD_D
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Integration File signal 1: autoint1.e
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Quant Time: Nov 18 01:12:38 2025
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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

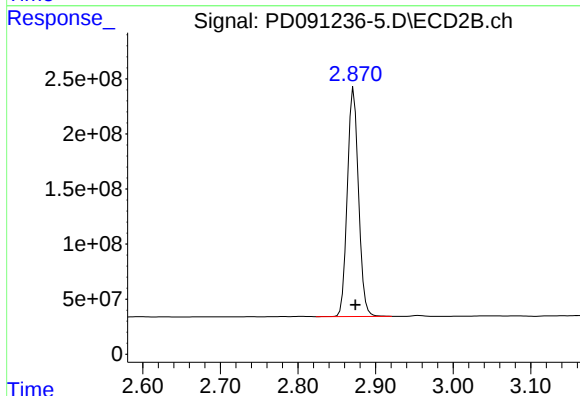




#1 Tetrachloro-m-xylene

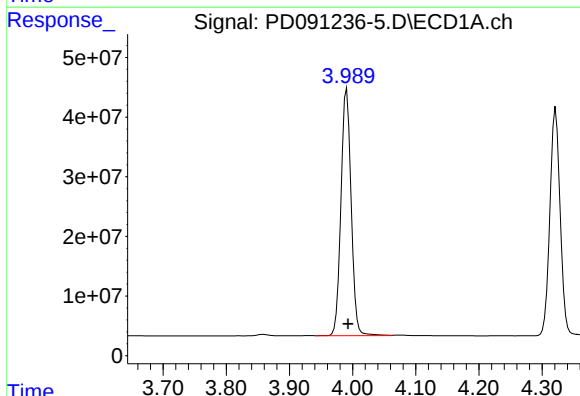
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 188438291
Conc: 54.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



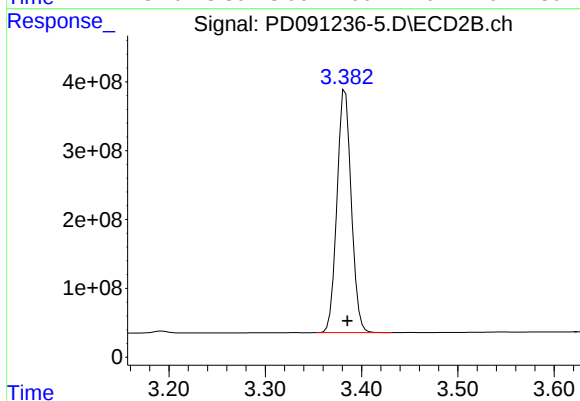
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 2070630713
Conc: 56.53 ng/ml



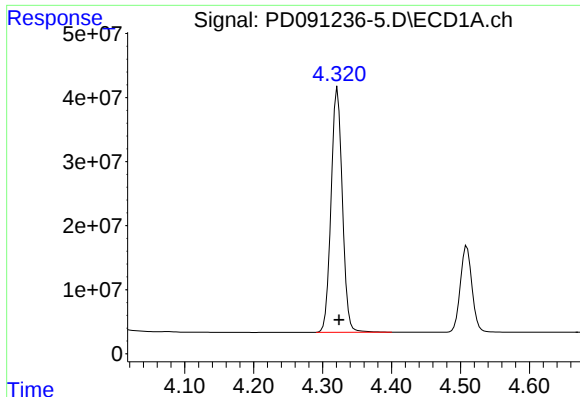
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 464313788
Conc: 58.07 ng/ml



#2 alpha-BHC

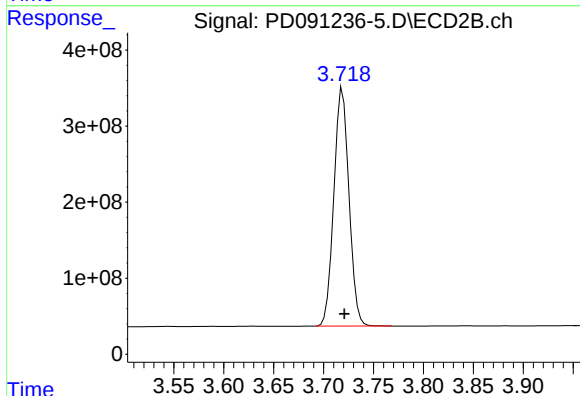
R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3639647326
Conc: 57.59 ng/ml



#3 gamma-BHC (Lindane)

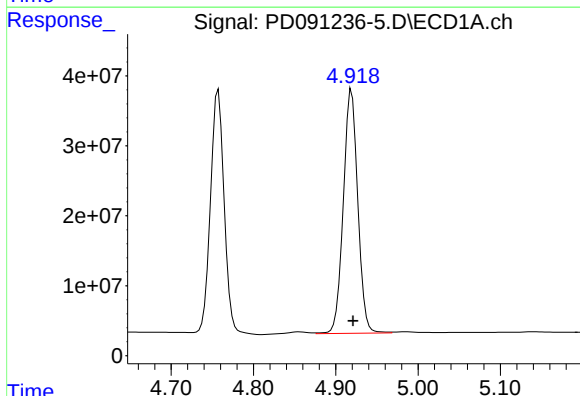
R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 432935055
Conc: 57.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



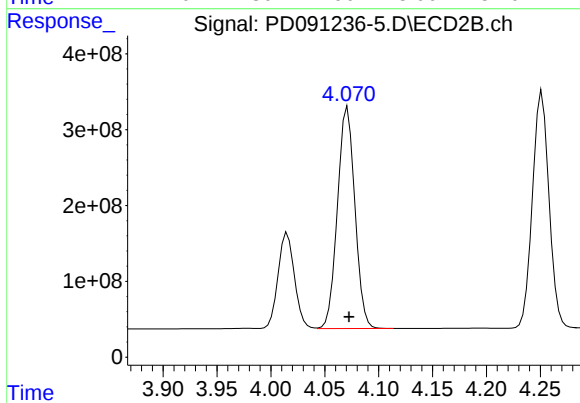
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 3304025560
Conc: 57.14 ng/ml



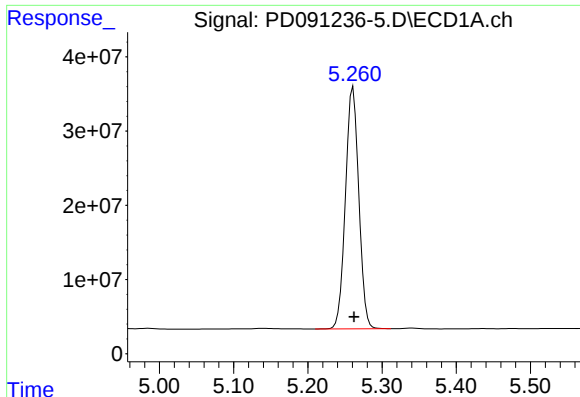
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 427232185
Conc: 59.65 ng/ml



#4 Heptachlor

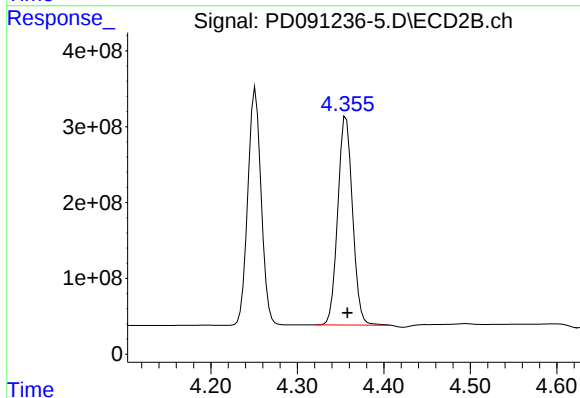
R.T.: 4.071 min
Delta R.T.: -0.001 min
Response: 3288555982
Conc: 59.57 ng/ml



#5 Aldrin

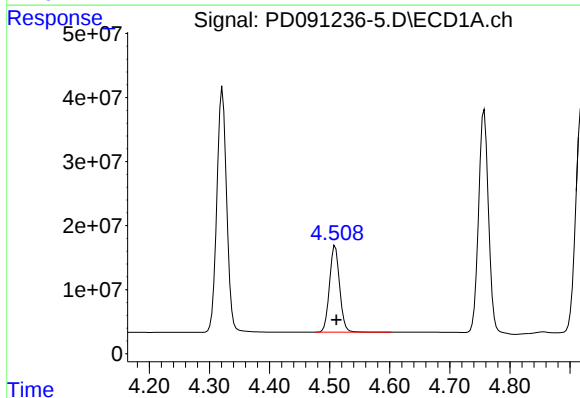
R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 407284557
Conc: 56.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



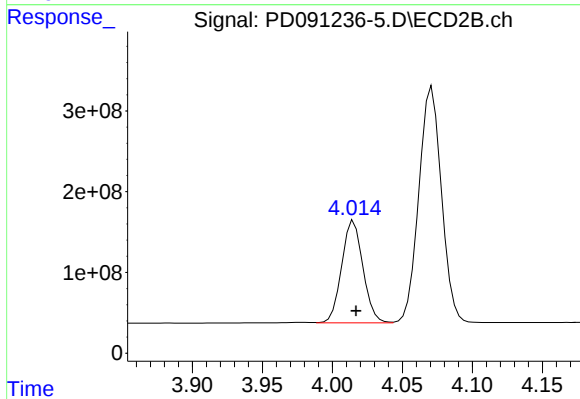
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 3248349737
Conc: 57.54 ng/ml



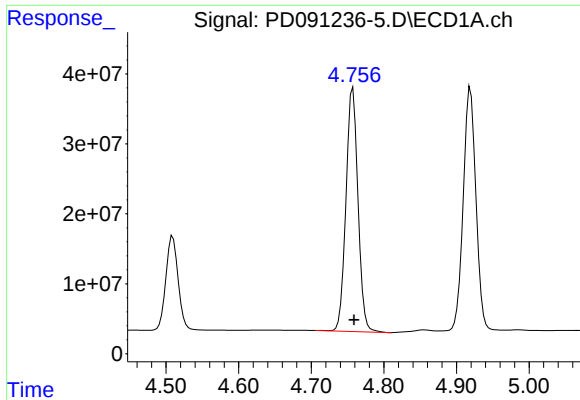
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 158289254
Conc: 54.48 ng/ml



#6 beta-BHC

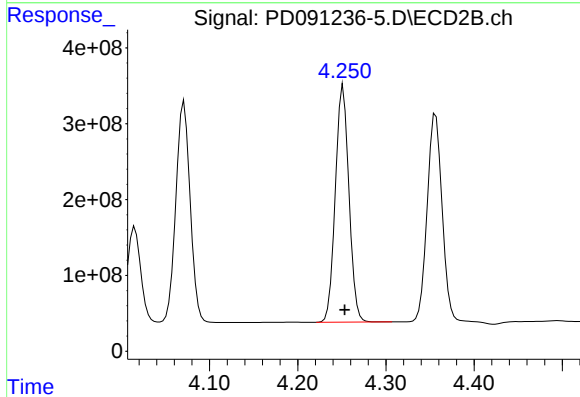
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1340552105
Conc: 55.79 ng/ml



#7 delta-BHC

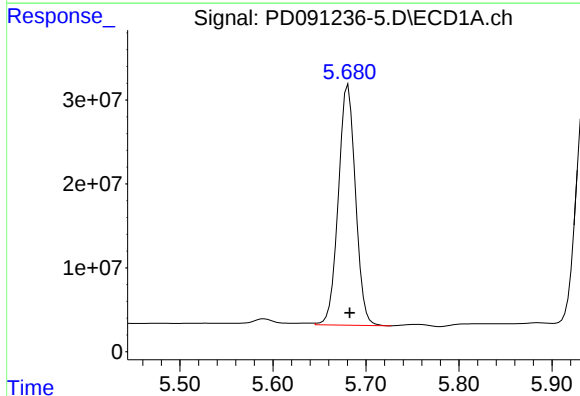
R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 402600769
Conc: 54.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



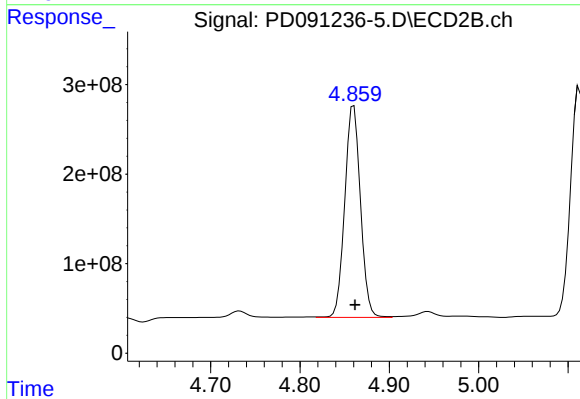
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 3347991356
Conc: 57.25 ng/ml



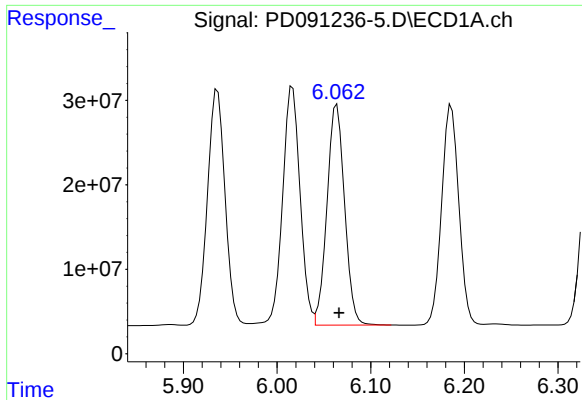
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 366884712
Conc: 56.47 ng/ml



#8 Heptachlor epoxide

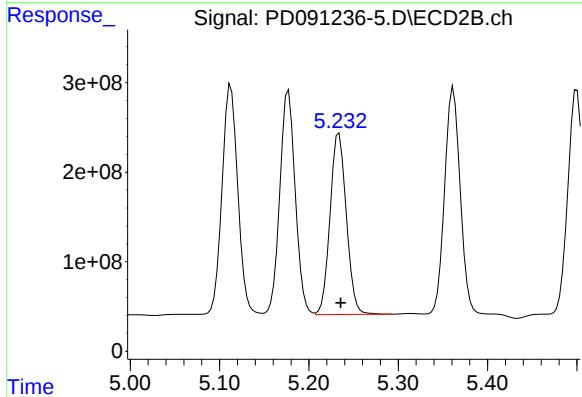
R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 2887128953
Conc: 56.66 ng/ml



#9 Endosulfan I

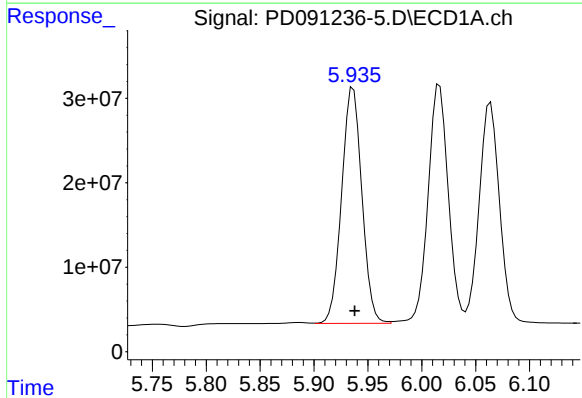
R.T.: 6.064 min
Delta R.T.: -0.002 min
Response: 341644763
Conc: 55.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



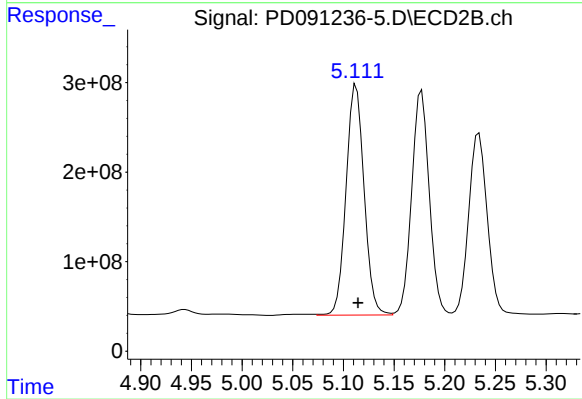
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 2567696134
Conc: 53.66 ng/ml



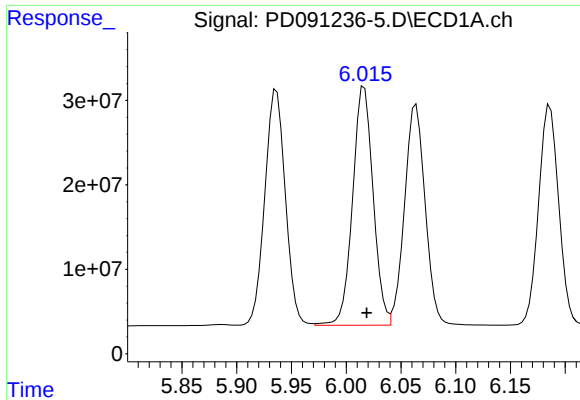
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 365178436
Conc: 56.17 ng/ml



#10 gamma-Chlordane

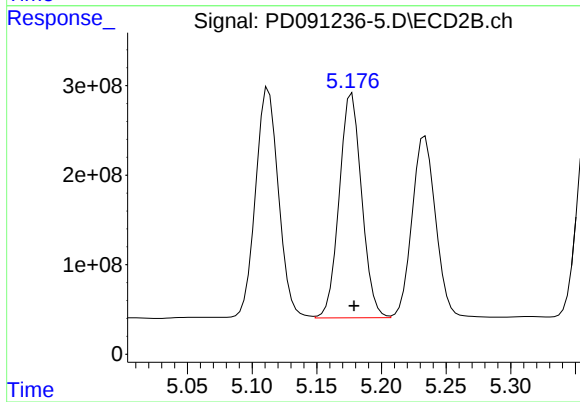
R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 3177038875
Conc: 58.16 ng/ml



#11 alpha-Chlordane

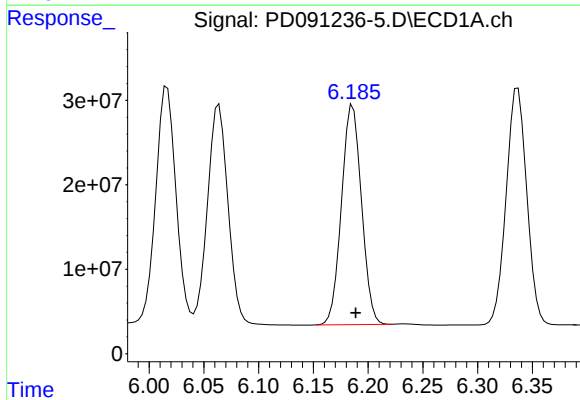
R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 368765224
Conc: 53.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



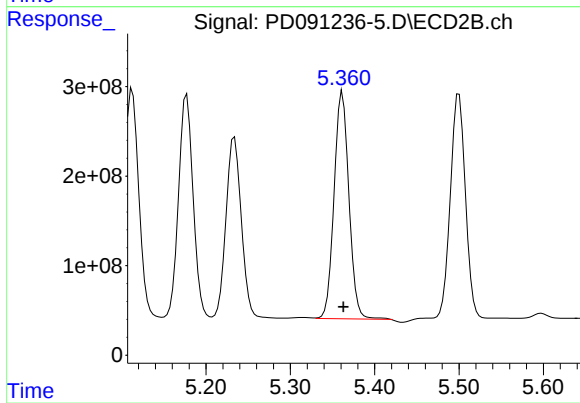
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 3020531375
Conc: 57.72 ng/ml



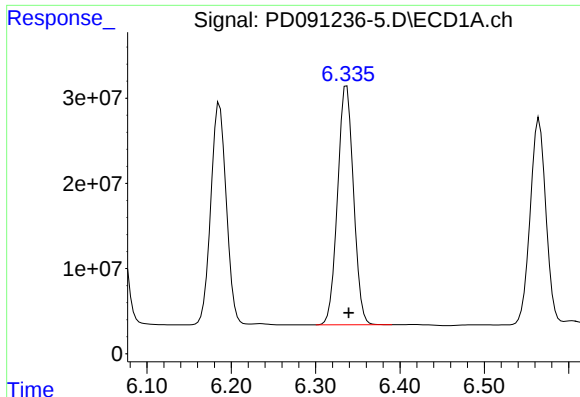
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 330774198
Conc: 57.04 ng/ml



#12 4,4'-DDE

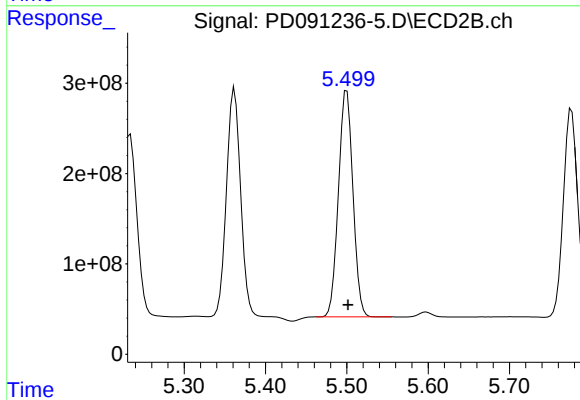
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 3106841061
Conc: 58.13 ng/ml



#13 Dieldrin

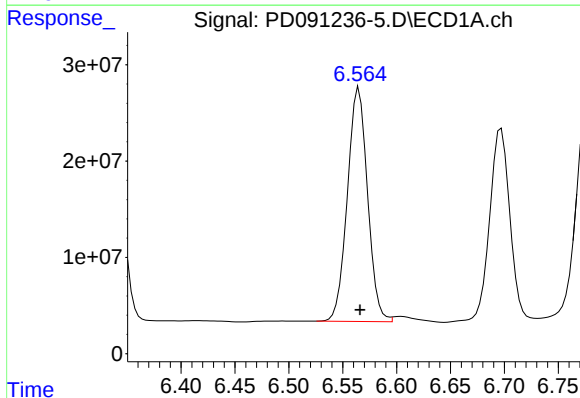
R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 368083641
Conc: 56.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



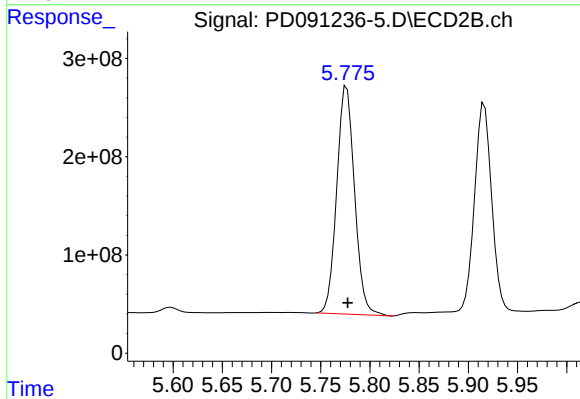
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 3105181303
Conc: 57.17 ng/ml



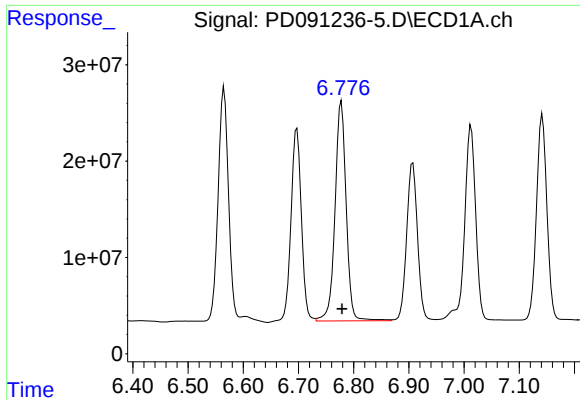
#14 Endrin

R.T.: 6.565 min
Delta R.T.: -0.001 min
Response: 316564700
Conc: 63.78 ng/ml



#14 Endrin

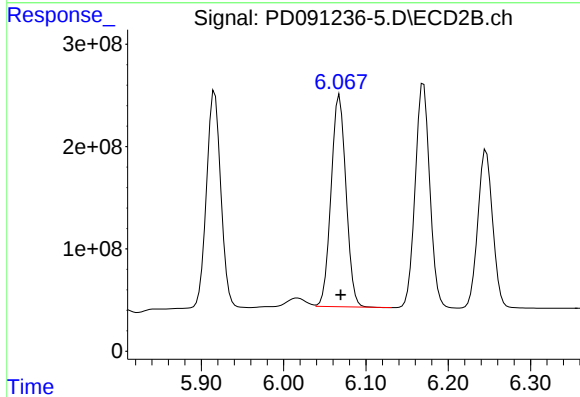
R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 2925962125
Conc: 64.74 ng/ml



#15 Endosulfan II

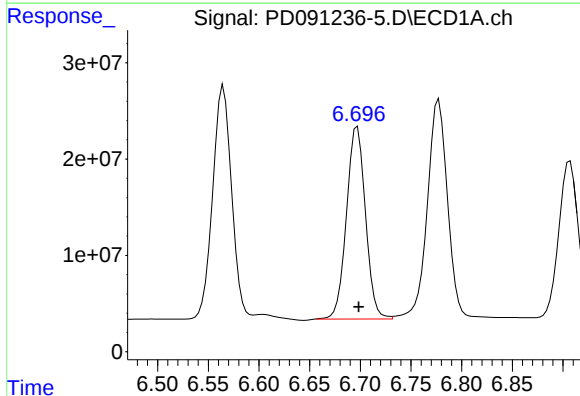
R.T.: 6.778 min
Delta R.T.: -0.002 min
Response: 320428574
Conc: 57.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



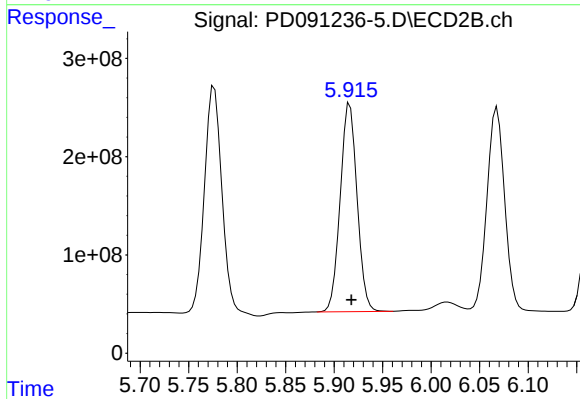
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2605777978
Conc: 55.82 ng/ml



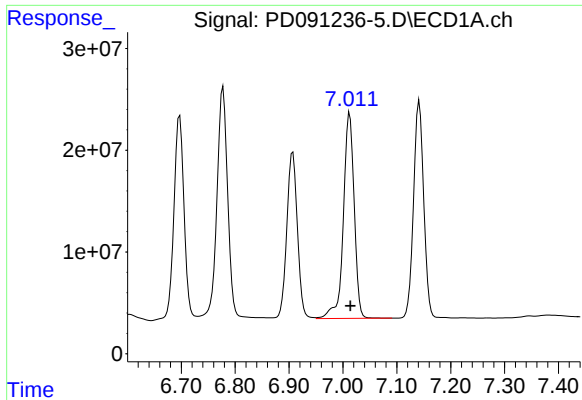
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: -0.001 min
Response: 260290781
Conc: 53.00 ng/ml



#16 4,4'-DDD

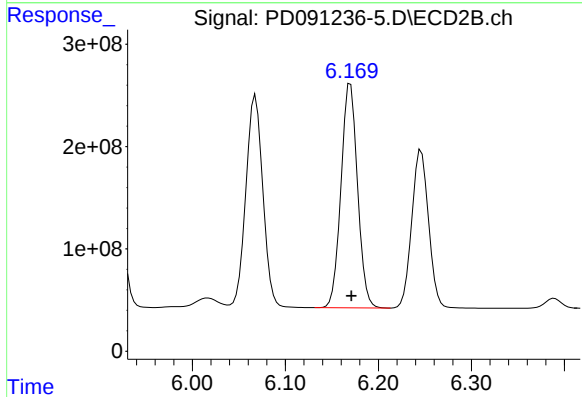
R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2559116767
Conc: 52.37 ng/ml



#17 4,4'-DDT

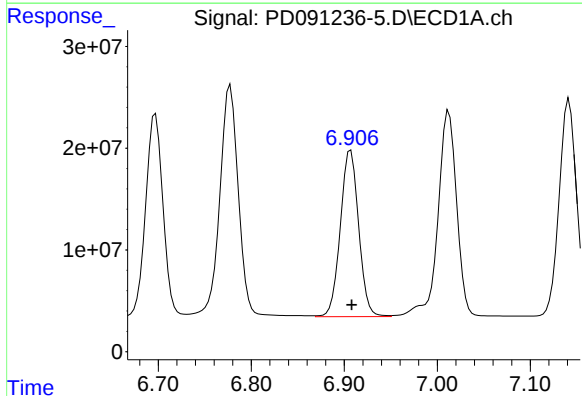
R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 281940107
Conc: 68.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



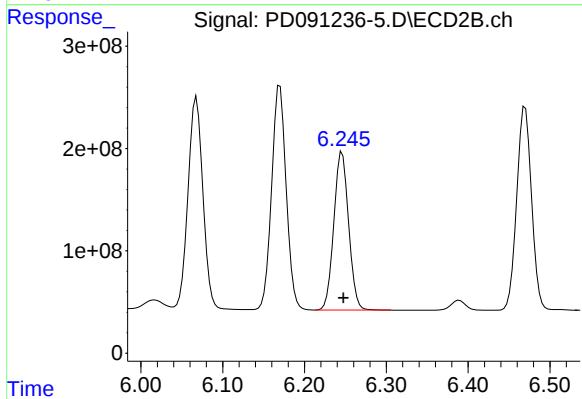
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 2706278867
Conc: 69.16 ng/ml



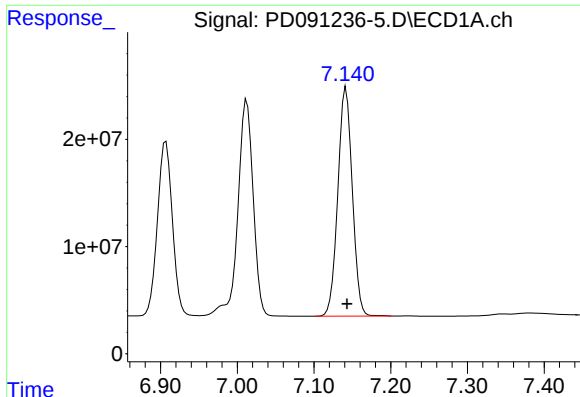
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 223878986
Conc: 53.74 ng/ml



#18 Endrin aldehyde

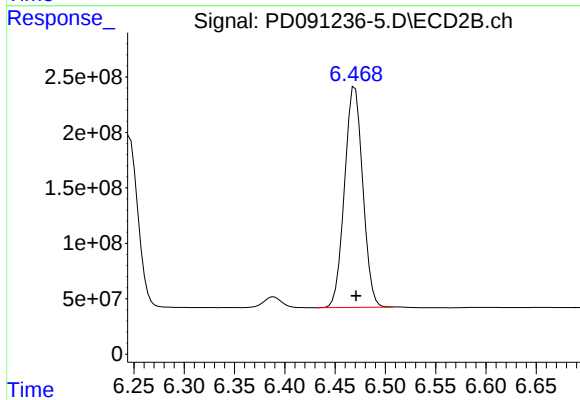
R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 1938682696
Conc: 54.94 ng/ml



#19 Endosulfan Sulfate

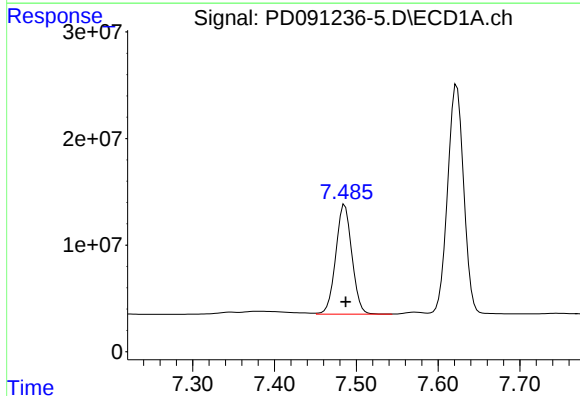
R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 279713904
Conc: 54.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



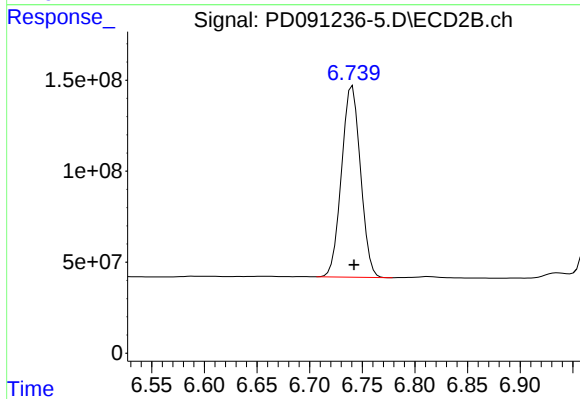
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 2503594355
Conc: 55.84 ng/ml



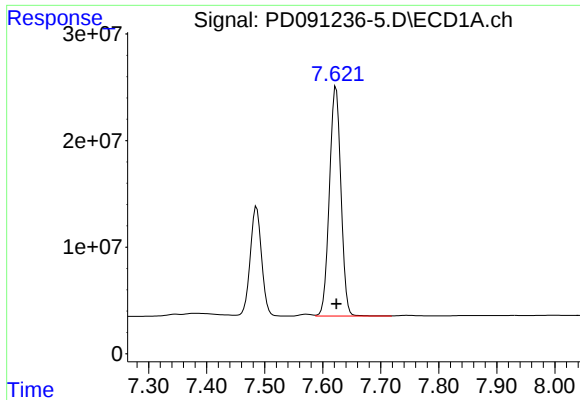
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.001 min
Response: 140653450
Conc: 64.69 ng/ml



#20 Methoxychlor

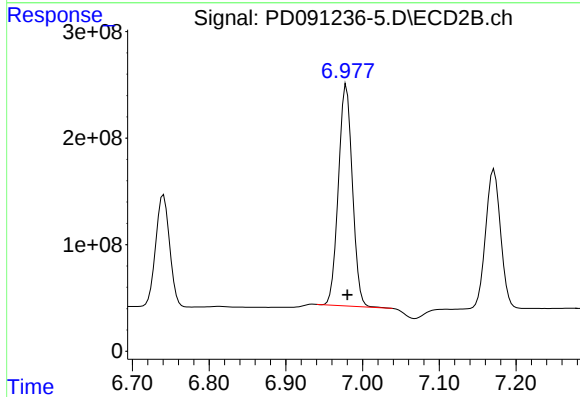
R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 1322498439
Conc: 65.96 ng/ml



#21 Endrin ketone

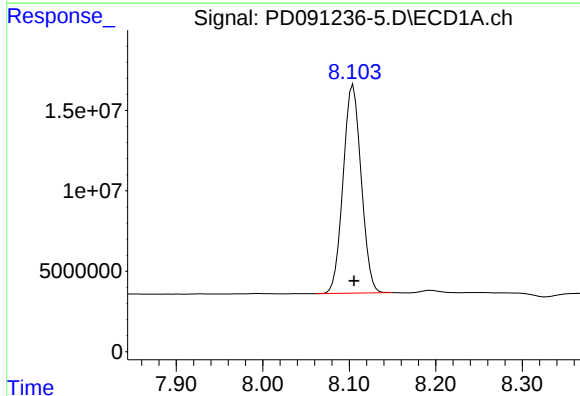
R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 295800664
Conc: 52.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



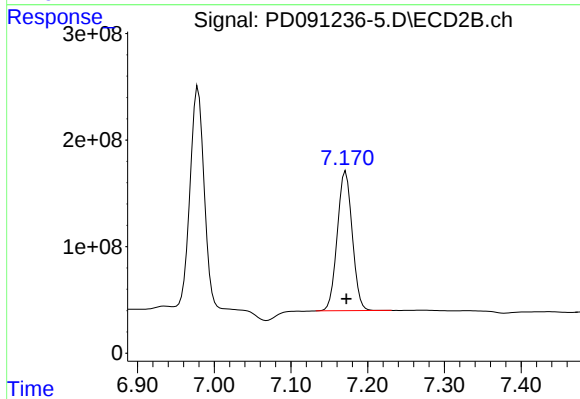
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 2629234589
Conc: 51.60 ng/ml



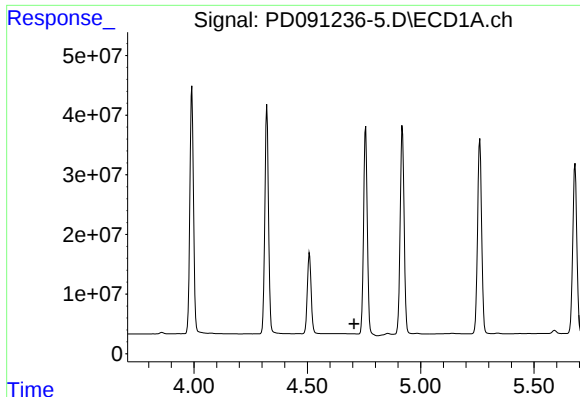
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.001 min
Response: 186900154
Conc: 52.54 ng/ml



#22 Mirex

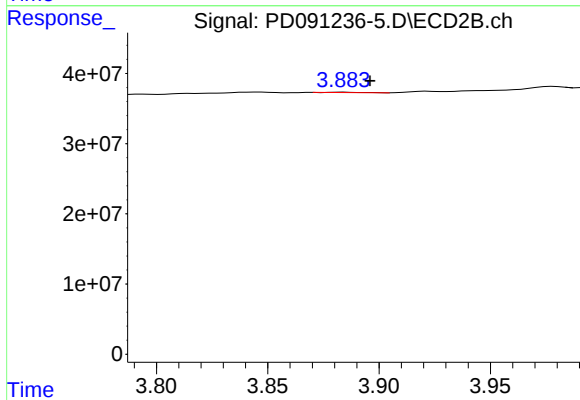
R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 1776756276
Conc: 53.61 ng/ml



#23 Chlordane-1

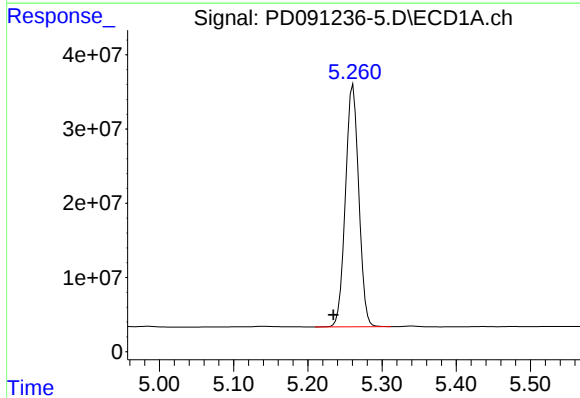
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



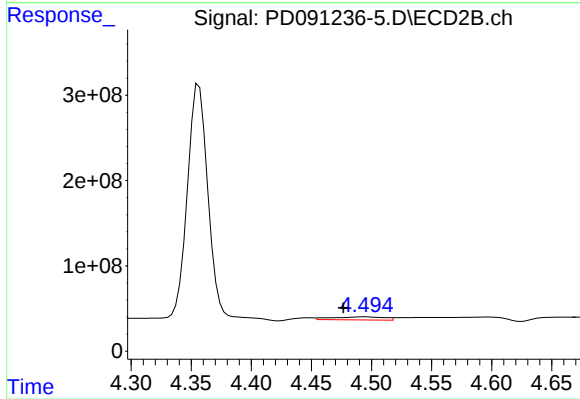
#23 Chlordane-1

R.T.: 3.884 min
Delta R.T.: -0.012 min
Response: 488197
Conc: 0.28 ng/ml



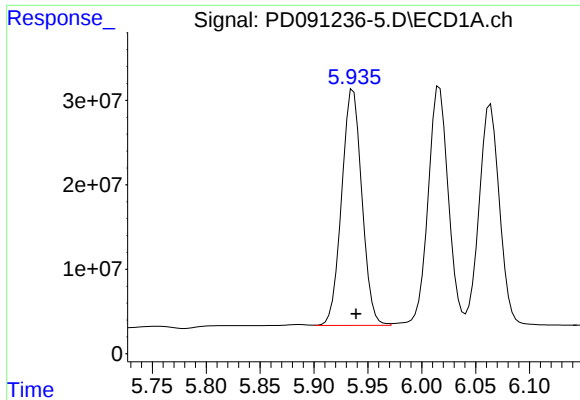
#24 Chlordane-2

R.T.: 5.261 min
Delta R.T.: 0.027 min
Response: 407284557
Conc: 1649.39 ng/ml



#24 Chlordane-2

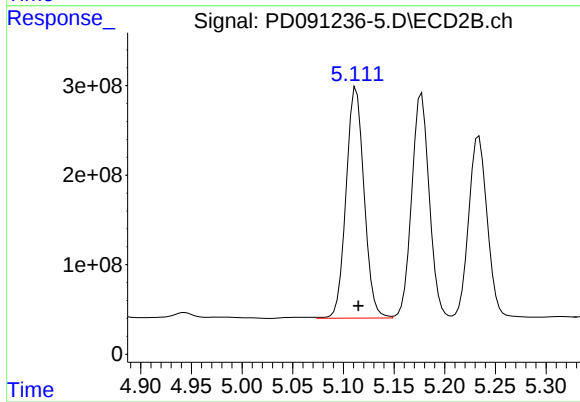
R.T.: 4.494 min
Delta R.T.: 0.018 min
Response: 108076335
Conc: 61.72 ng/ml



#25 Chlordane-3

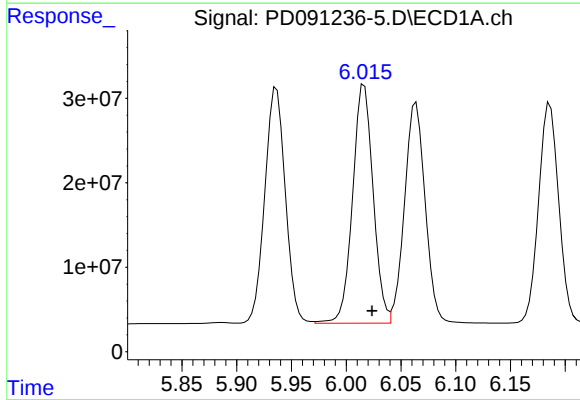
R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 365178436
Conc: 378.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



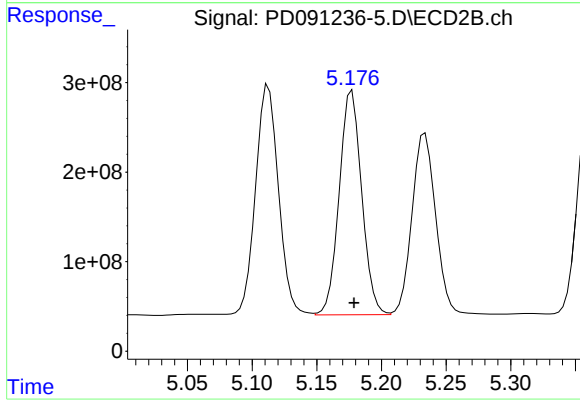
#25 Chlordane-3

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 3177038875
Conc: 552.18 ng/ml



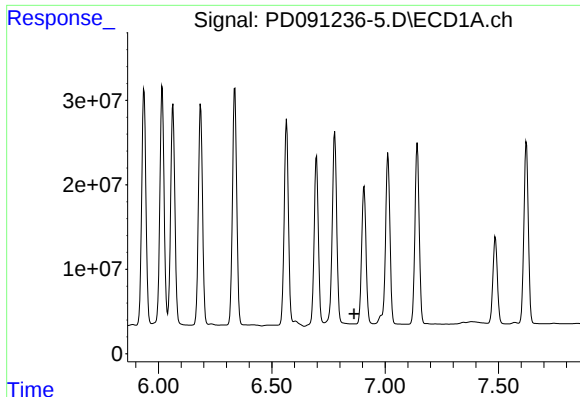
#26 Chlordane-4

R.T.: 6.017 min
Delta R.T.: -0.007 min
Response: 368765224
Conc: 307.00 ng/ml



#26 Chlordane-4

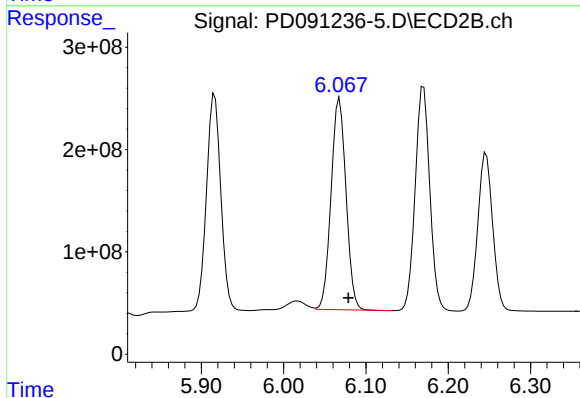
R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 3020531375
Conc: 631.44 ng/ml



#27 Chlordane-5

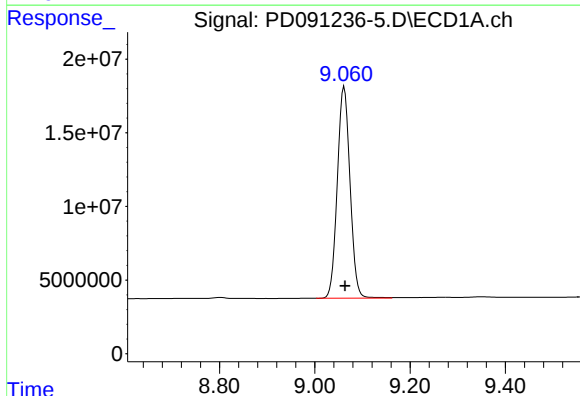
R.T.: 0.000 min
Exp R.T.: 6.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



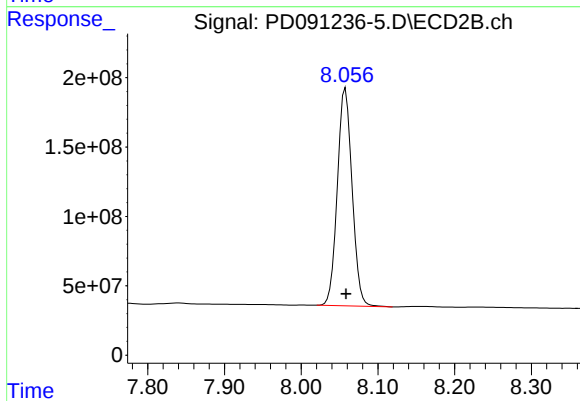
#27 Chlordane-5

R.T.: 6.068 min
Delta R.T.: -0.011 min
Response: 2605777978
Conc: 1284.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 265557920
Conc: 53.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 2097734972
Conc: 53.01 ng/ml