

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062625\
 Data File : PD089167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 14:59
 Operator : AR\AJ
 Sample : PB168623BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:29:44 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...	3.556	2.881	60651426	388.1E6	21.258	22.895
28)	SA Decachlor...	9.082	8.074	86897110	413.7E6	22.125	20.927
Target Compounds							
2)	A alpha-BHC	4.006	3.393	283.8E6	1277.5E6	48.680	47.672
3)	MA gamma-BHC...	4.337	3.729	270.9E6	1180.4E6	48.527	47.678
4)	MA Heptachlor	4.937	4.083	257.7E6	1135.3E6	47.260	45.341
5)	MB Aldrin	5.278	4.369	259.0E6	1157.0E6	48.752	47.776
6)	B beta-BHC	4.523	4.026	104.0E6	507.0E6	47.099	47.182
7)	B delta-BHC	4.771	4.262	260.3E6	1184.2E6	50.709	47.609
8)	B Heptachlo...	5.698	4.873	227.1E6	1037.3E6	47.069	47.369
9)	A Endosulfan I	6.081	5.247	215.5E6	990.8E6	47.821	47.537
10)	B gamma-Chl...	5.953	5.126	229.5E6	1129.4E6	47.940	47.208
11)	B alpha-Chl...	6.034	5.191	230.7E6	1072.4E6	47.684	46.838
12)	B 4,4'-DDE	6.203	5.375	207.9E6	1067.1E6	47.676	46.565
13)	MA Dieldrin	6.354	5.513	229.4E6	1082.0E6	47.810	46.622
14)	MA Endrin	6.581	5.789	177.5E6	917.0E6	43.015	42.231
15)	B Endosulfa...	6.793	6.081	190.0E6	932.0E6	47.057	46.147
16)	A 4,4'-DDD	6.712	5.929	165.9E6	916.8E6	48.327	47.924
17)	MA 4,4'-DDT	7.028	6.184	157.8E6	847.7E6	41.663	41.803
18)	B Endrin al...	6.922	6.259	140.4E6	696.3E6	45.827	45.476
19)	B Endosulfa...	7.156	6.483	174.2E6	878.7E6	45.392	44.783
20)	A Methoxychlor	7.500	6.754	78410938	419.0E6	38.805	38.912
21)	B Endrin ke...	7.637	6.992	189.5E6	978.3E6	46.537	45.288
22)	Mirex	8.120	7.186	131.5E6	704.9E6	43.256	42.262
23)	Chlordane-1	0.000	3.875f	0	609362	N.D.	0.654 #
24)	Chlordane-2	0.000	4.507f	0	6536163	N.D.	6.868 #
25)	Chlordane-3	5.953	5.126	229.5E6	1129.4E6	266.140	380.228 #
26)	Chlordane-4	6.034	5.191	230.7E6	1072.4E6	219.584	427.824 #
27)	Chlordane-5	0.000	6.081	0	932.0E6	N.D.	823.574 #

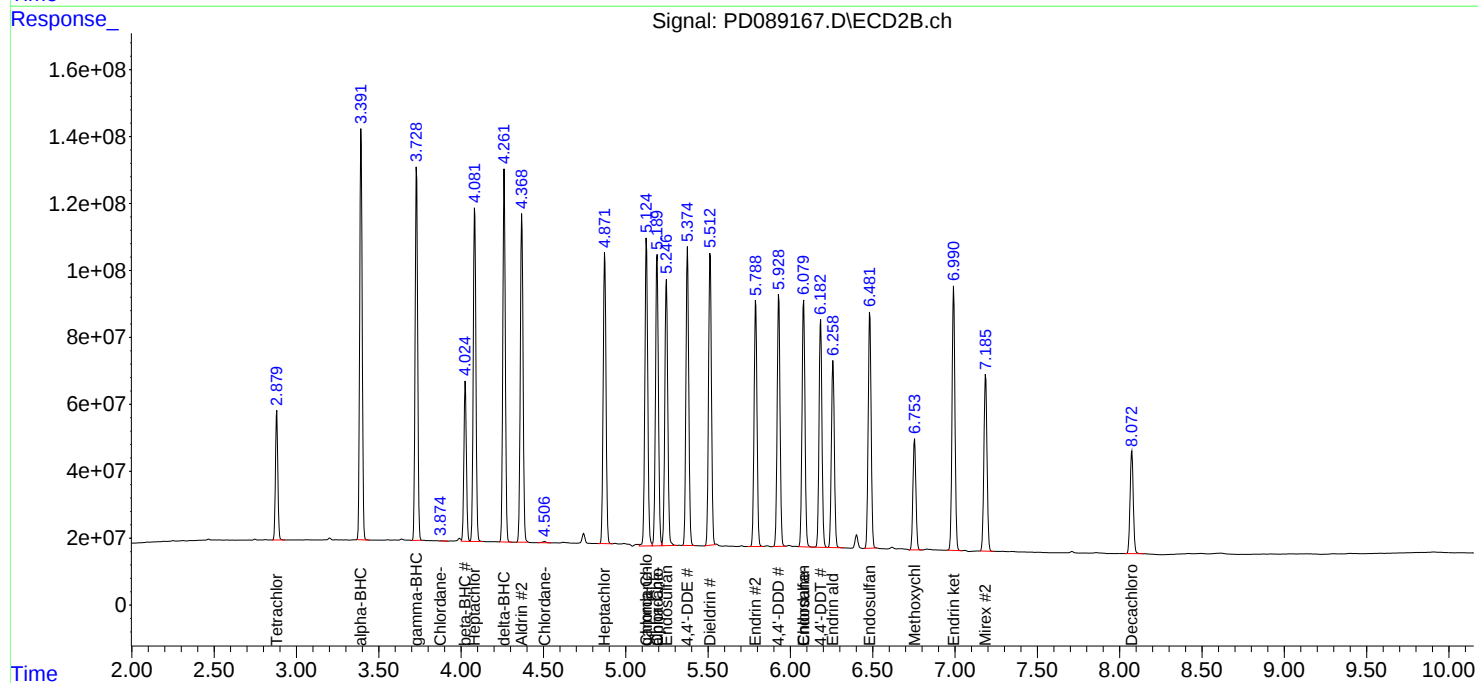
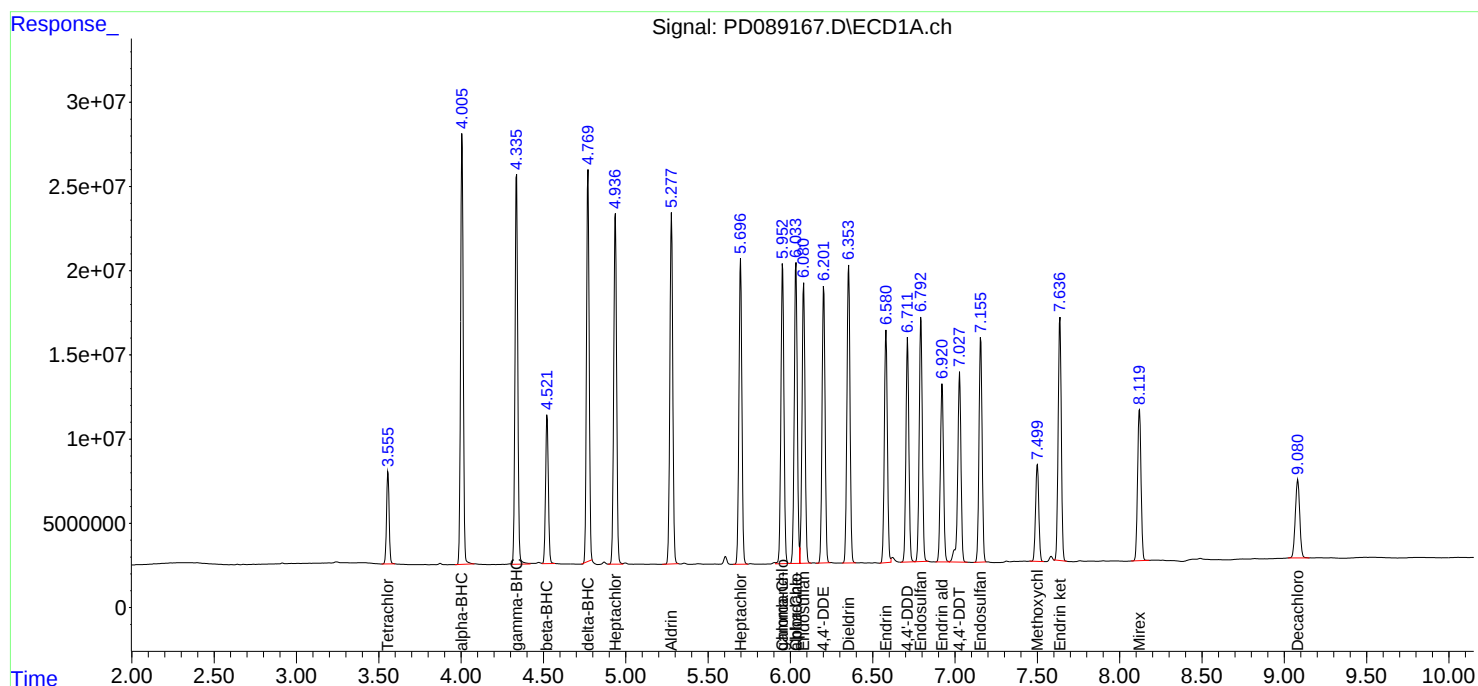
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

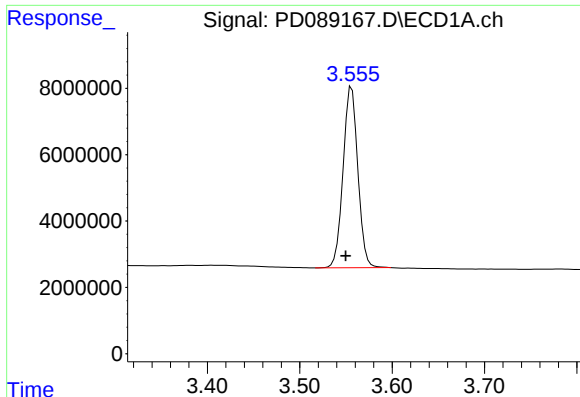
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062625\
Data File : PD089167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 14:59
Operator : AR\AJ
Sample : PB168623BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
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Integration File signal 1: autoint1.e
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Quant Time: Jun 26 23:29:44 2025
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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

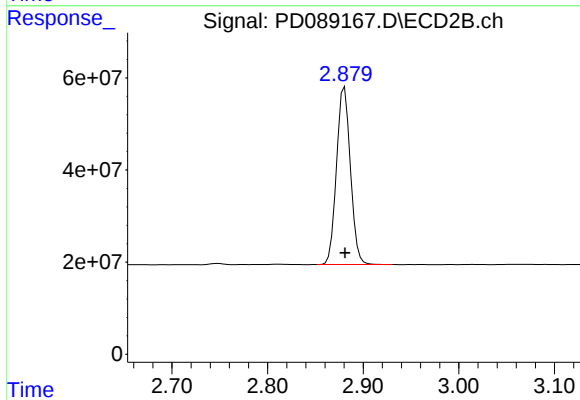




#1 Tetrachloro-m-xylene

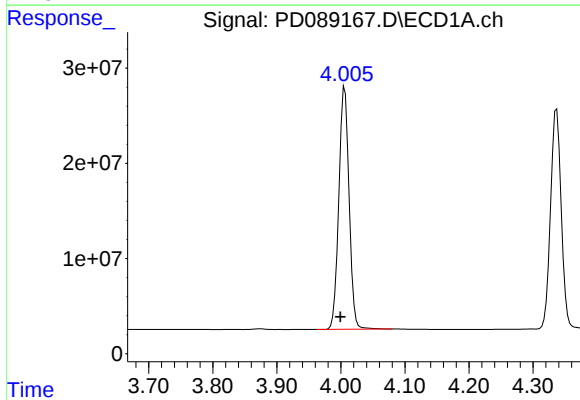
R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 60651426
Conc: 21.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



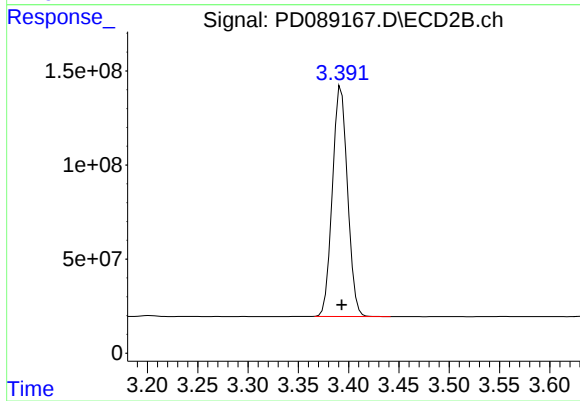
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 388136069
Conc: 22.89 ng/ml



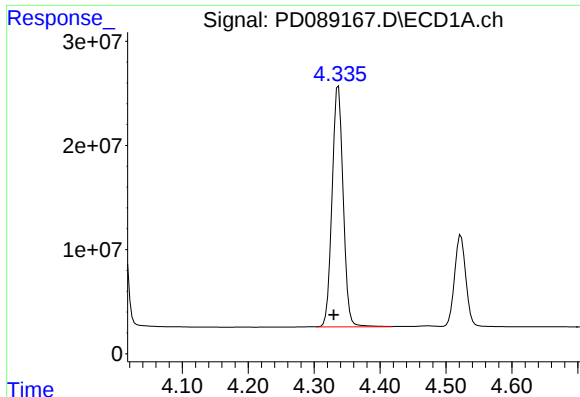
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 283757856
Conc: 48.68 ng/ml



#2 alpha-BHC

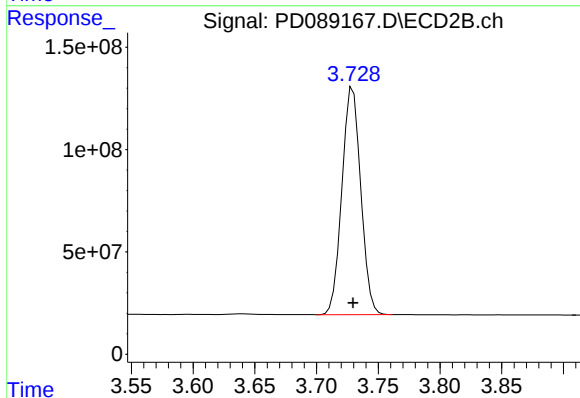
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1277470925
Conc: 47.67 ng/ml



#3 gamma-BHC (Lindane)

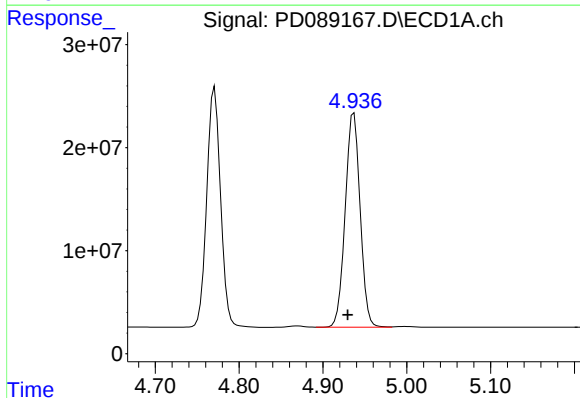
R.T.: 4.337 min
Delta R.T.: 0.007 min
Response: 270859568
Conc: 48.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



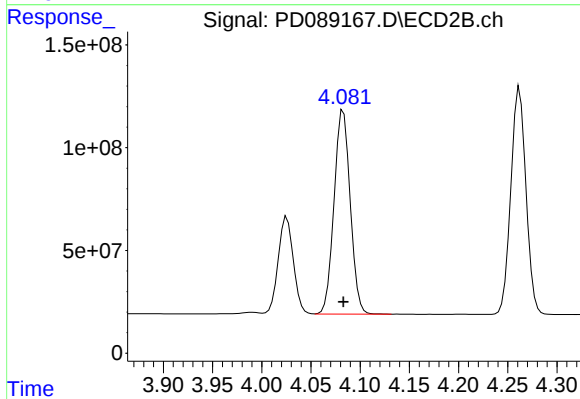
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1180360478
Conc: 47.68 ng/ml



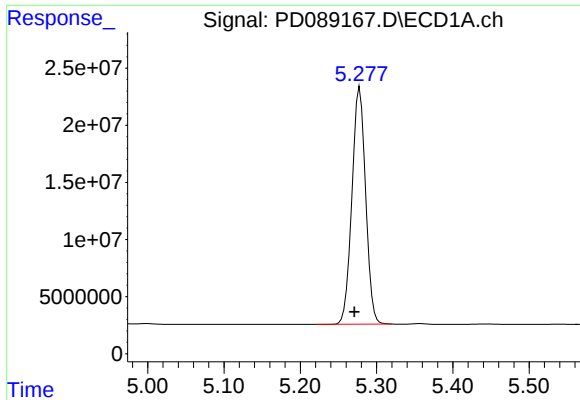
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.007 min
Response: 257661473
Conc: 47.26 ng/ml



#4 Heptachlor

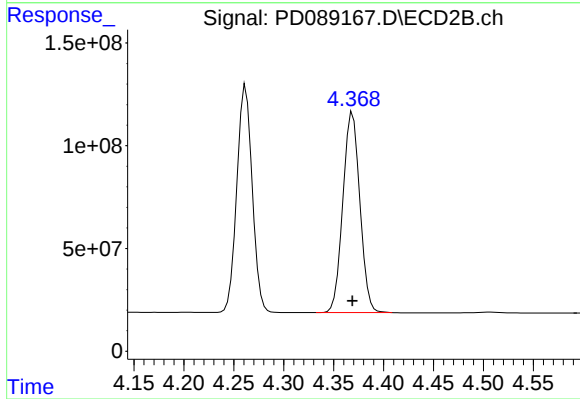
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1135276082
Conc: 45.34 ng/ml



#5 Aldrin

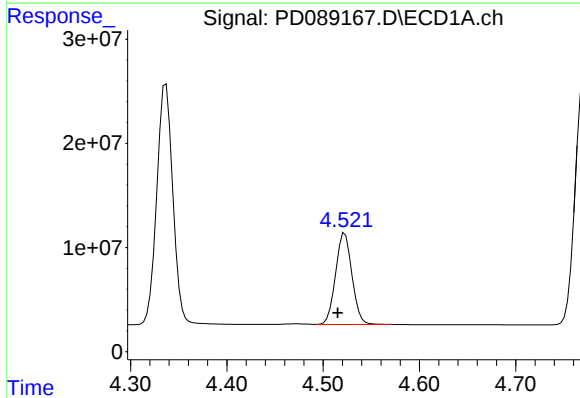
R.T.: 5.278 min
Delta R.T.: 0.007 min
Response: 259016043
Conc: 48.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



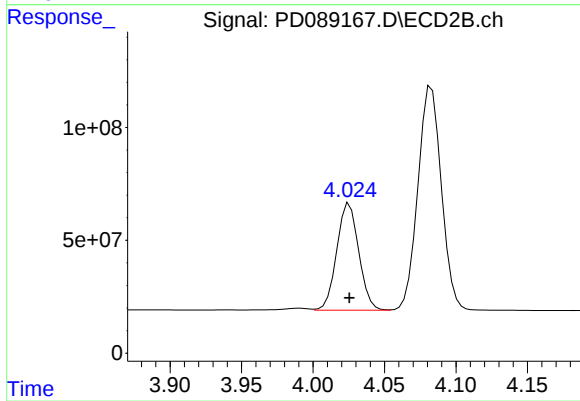
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1156992584
Conc: 47.78 ng/ml



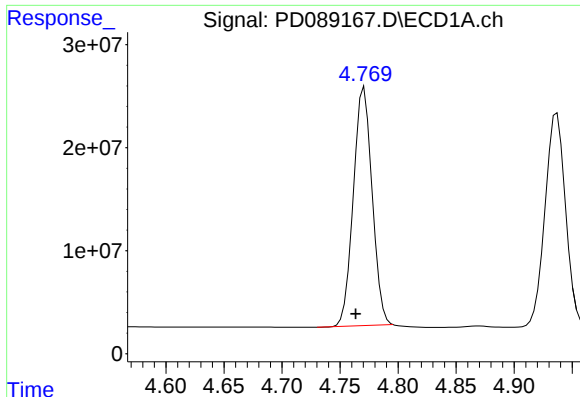
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.007 min
Response: 103954124
Conc: 47.10 ng/ml



#6 beta-BHC

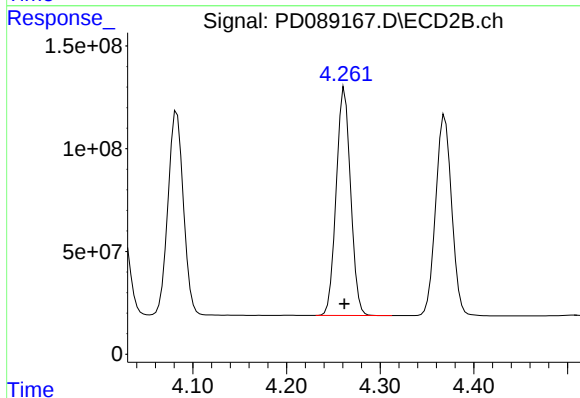
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 507030458
Conc: 47.18 ng/ml



#7 delta-BHC

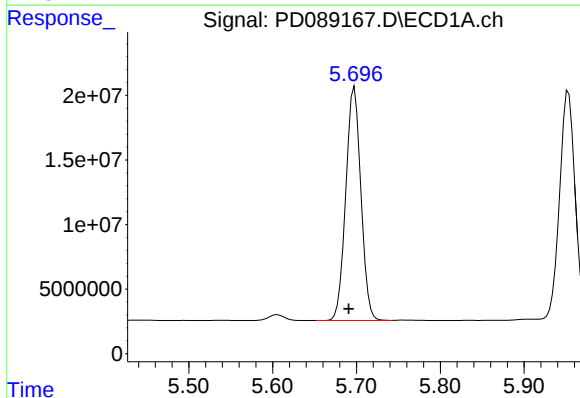
R.T.: 4.771 min
Delta R.T.: 0.007 min
Response: 260282124
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



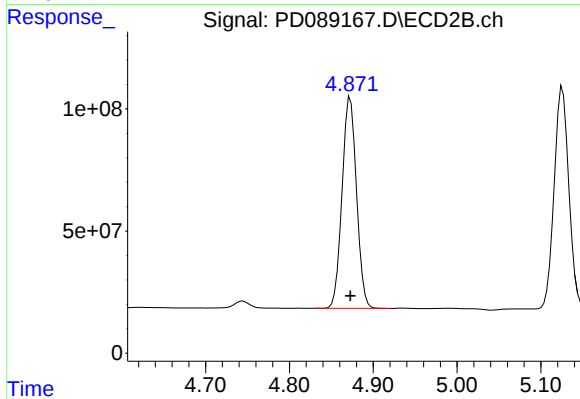
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1184211333
Conc: 47.61 ng/ml



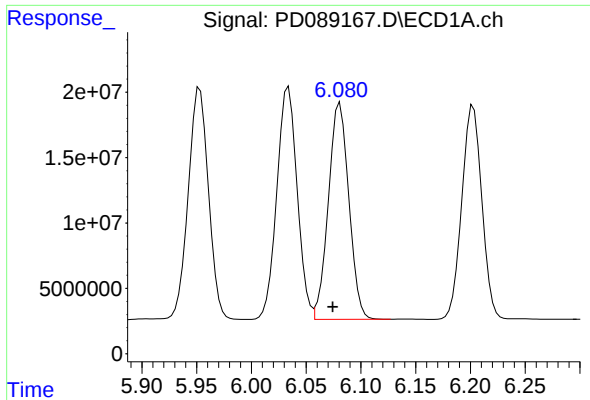
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.007 min
Response: 227057921
Conc: 47.07 ng/ml



#8 Heptachlor epoxide

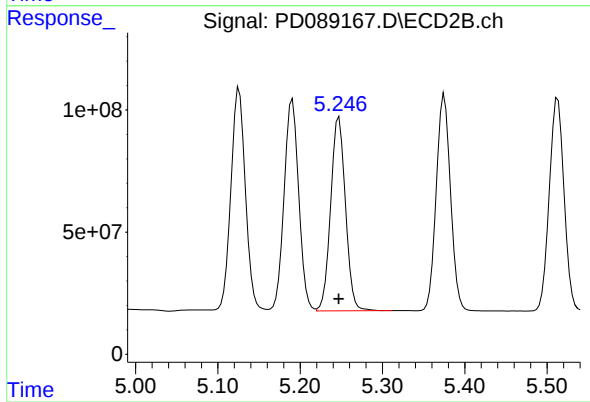
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 1037296150
Conc: 47.37 ng/ml



#9 Endosulfan I

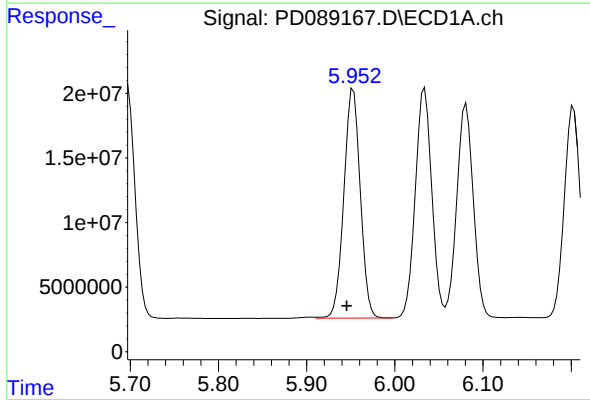
R.T.: 6.081 min
Delta R.T.: 0.007 min
Response: 215549990
Conc: 47.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



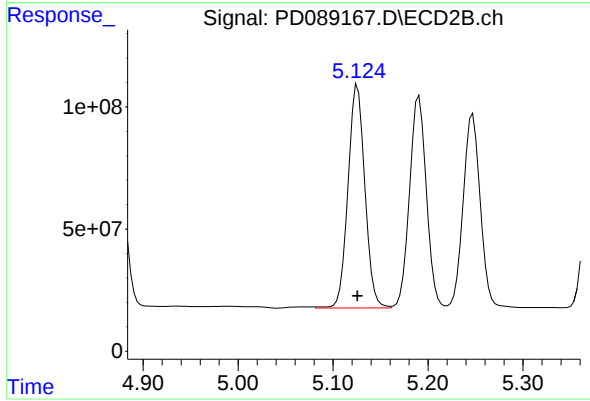
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 990781751
Conc: 47.54 ng/ml



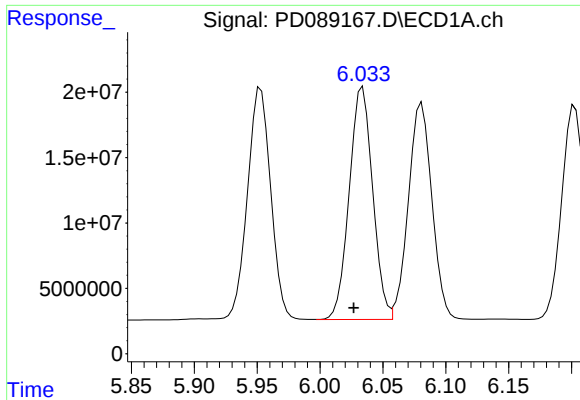
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.007 min
Response: 229541281
Conc: 47.94 ng/ml



#10 gamma-Chlordane

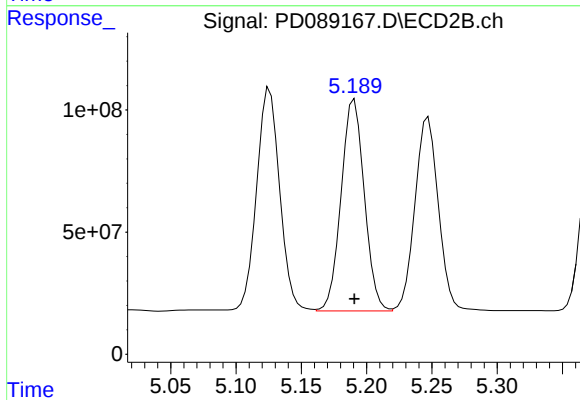
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 1129354207
Conc: 47.21 ng/ml



#11 alpha-Chlordane

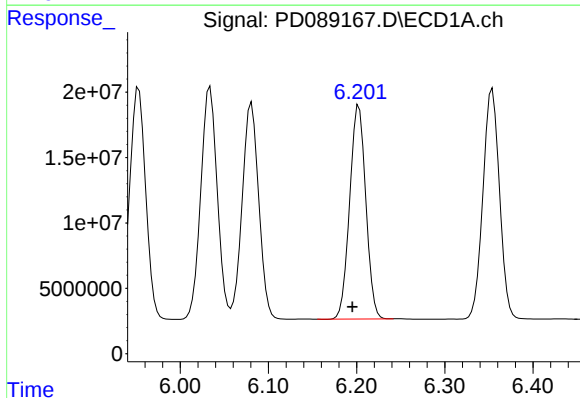
R.T.: 6.034 min
Delta R.T.: 0.007 min
Response: 230718466
Conc: 47.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



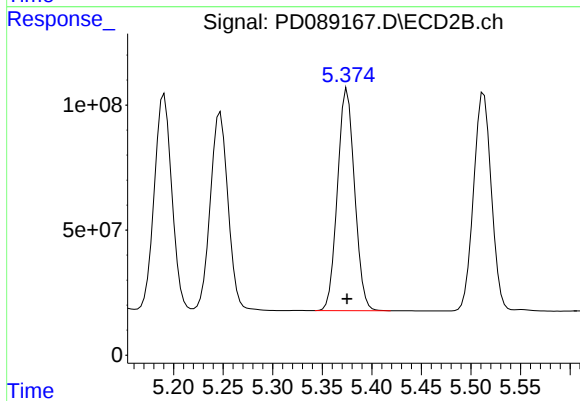
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 1072433658
Conc: 46.84 ng/ml



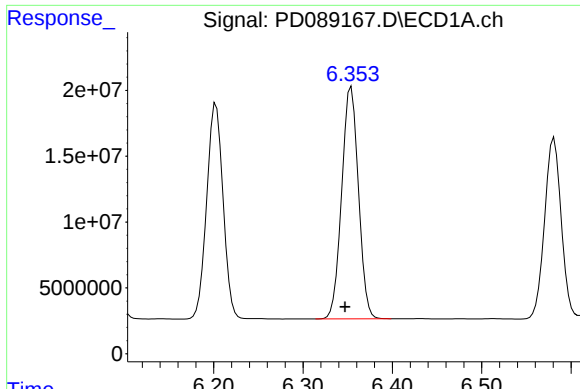
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.007 min
Response: 207915647
Conc: 47.68 ng/ml



#12 4,4'-DDE

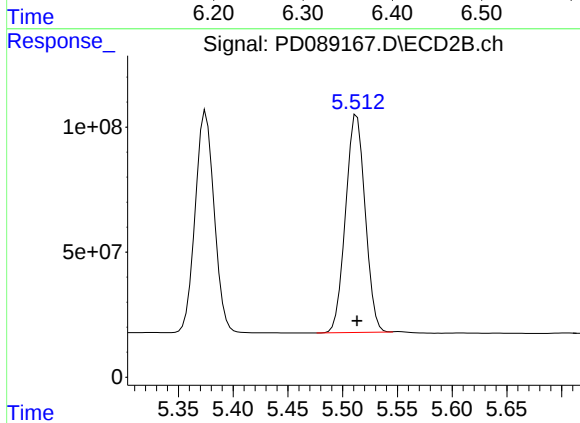
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1067076096
Conc: 46.56 ng/ml



#13 Dieldrin

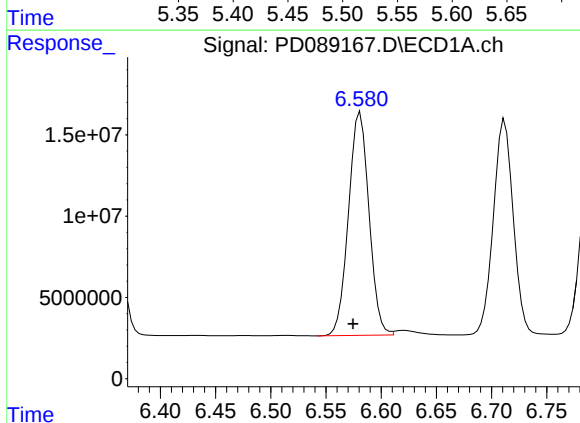
R.T.: 6.354 min
Delta R.T.: 0.007 min
Response: 229367762
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



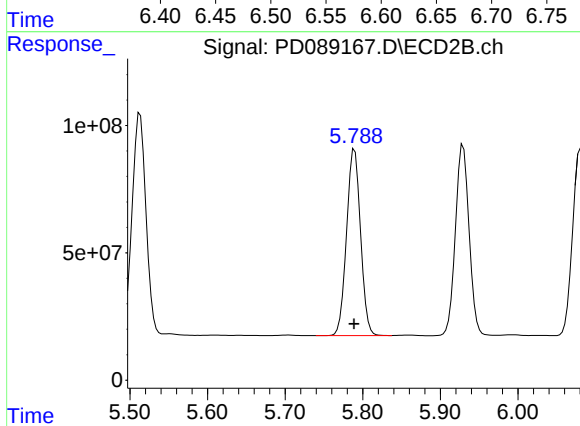
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 1082035000
Conc: 46.62 ng/ml



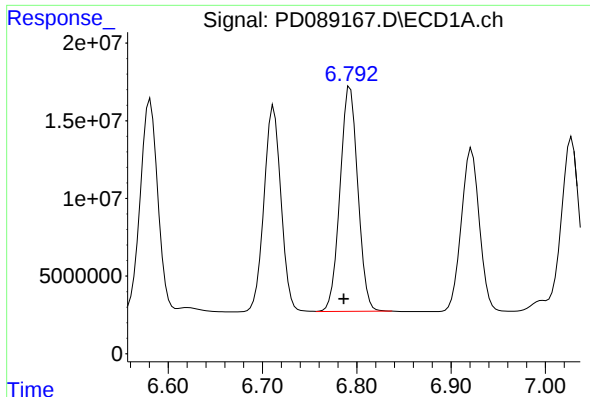
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.007 min
Response: 177462085
Conc: 43.01 ng/ml



#14 Endrin

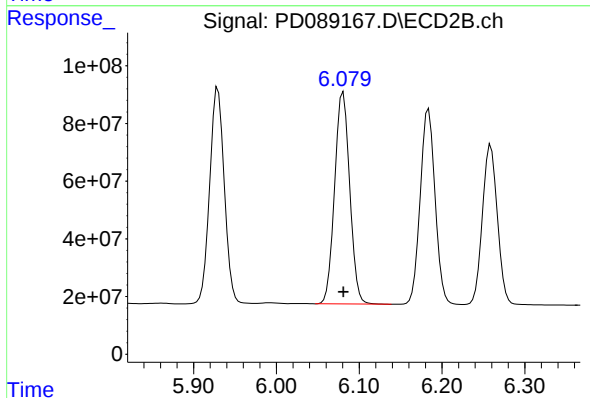
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 917001617
Conc: 42.23 ng/ml



#15 Endosulfan II

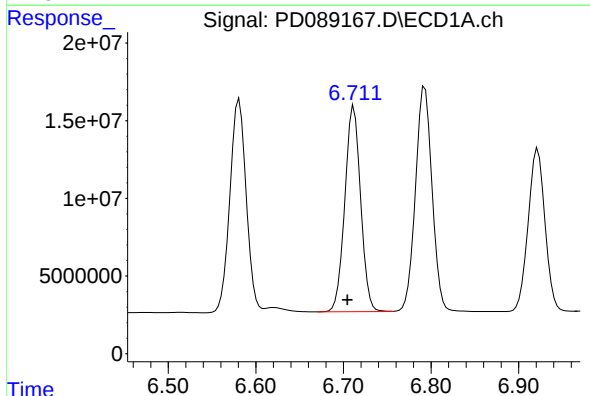
R.T.: 6.793 min
Delta R.T.: 0.007 min
Response: 189951739
Conc: 47.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



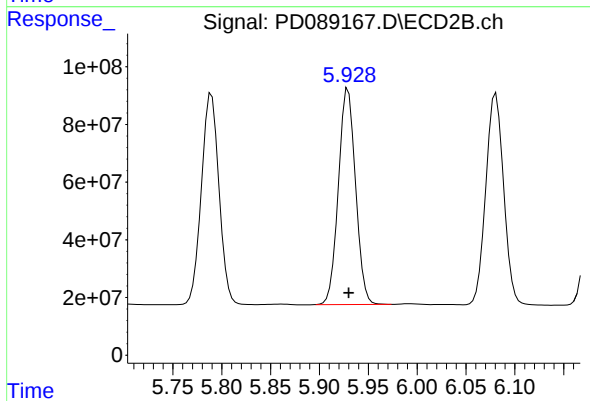
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 932006890
Conc: 46.15 ng/ml



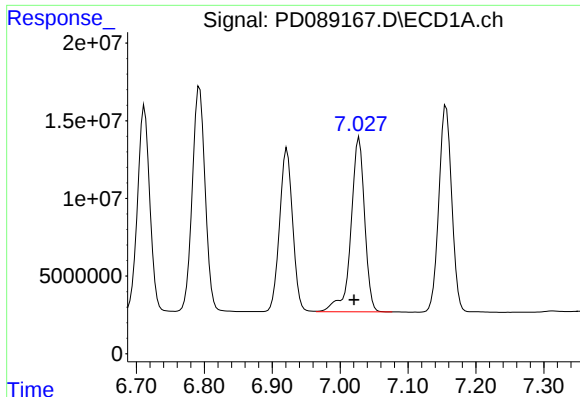
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.007 min
Response: 165862352
Conc: 48.33 ng/ml



#16 4,4'-DDD

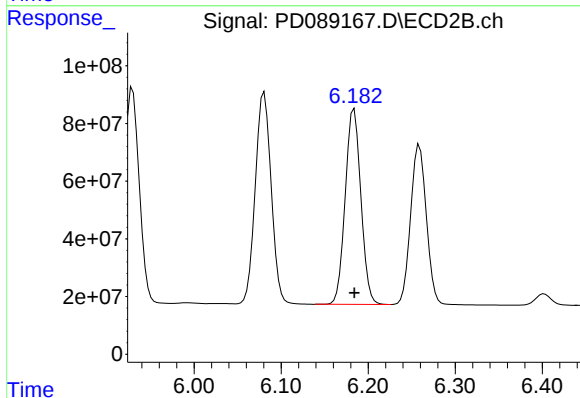
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 916752830
Conc: 47.92 ng/ml



#17 4,4'-DDT

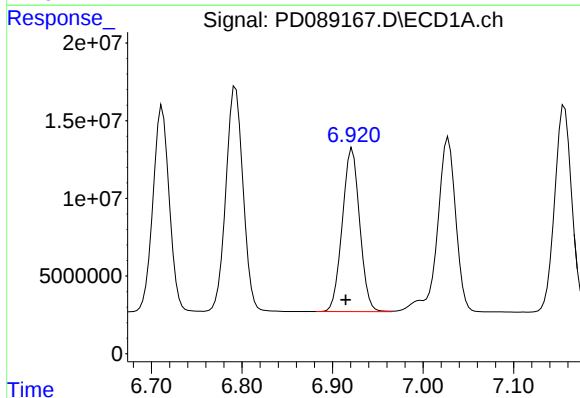
R.T.: 7.028 min
Delta R.T.: 0.008 min
Response: 157827101
Conc: 41.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



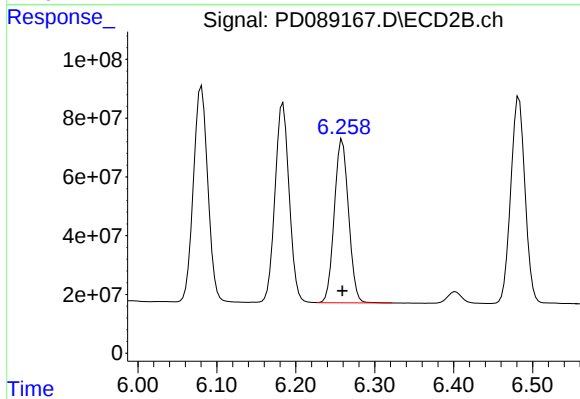
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 847727779
Conc: 41.80 ng/ml



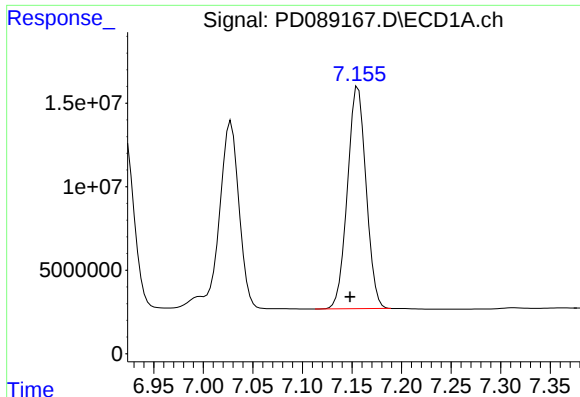
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.007 min
Response: 140411010
Conc: 45.83 ng/ml



#18 Endrin aldehyde

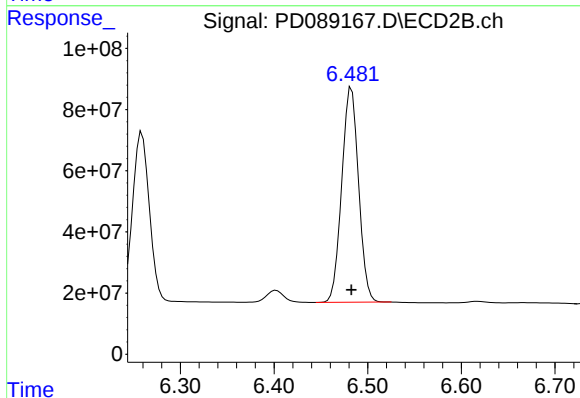
R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 696293852
Conc: 45.48 ng/ml



#19 Endosulfan Sulfate

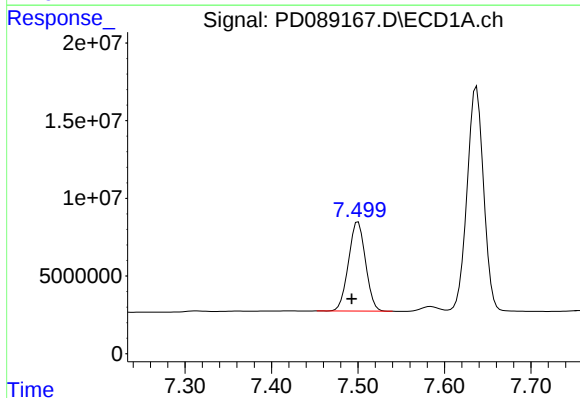
R.T.: 7.156 min
Delta R.T.: 0.008 min
Response: 174180888
Conc: 45.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



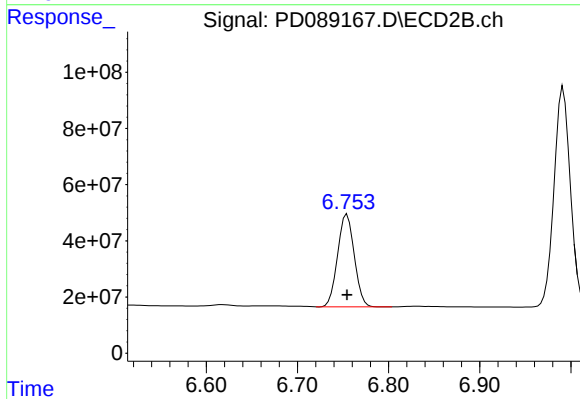
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 878684804
Conc: 44.78 ng/ml



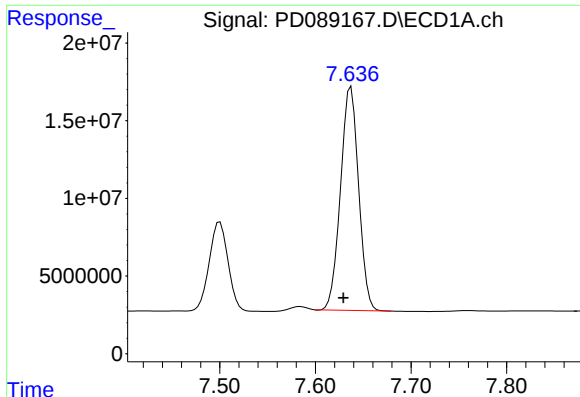
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 78410938
Conc: 38.81 ng/ml



#20 Methoxychlor

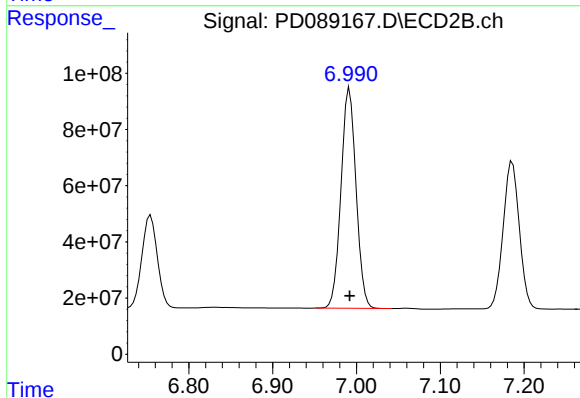
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 419011433
Conc: 38.91 ng/ml



#21 Endrin ketone

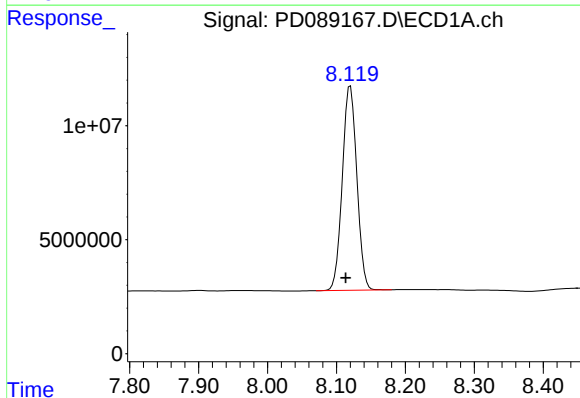
R.T.: 7.637 min
Delta R.T.: 0.008 min
Response: 189548866
Conc: 46.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



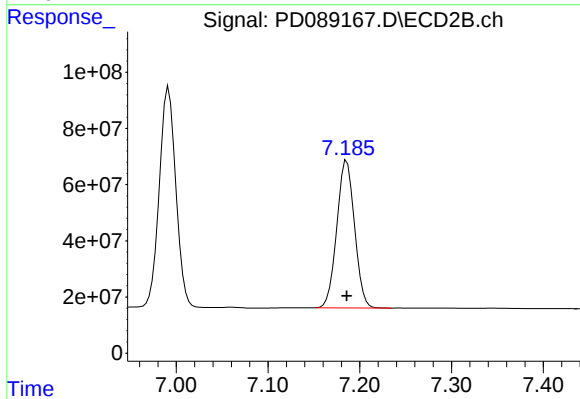
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 978292370
Conc: 45.29 ng/ml



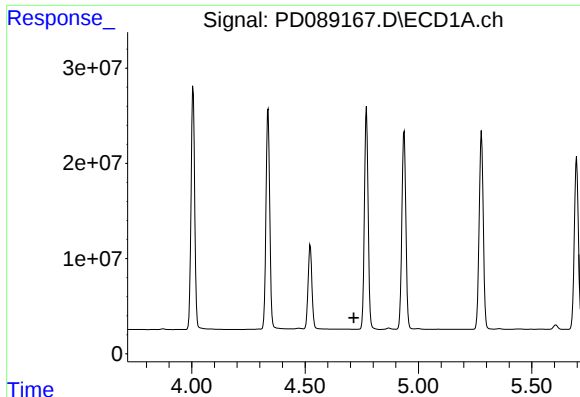
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.007 min
Response: 131505751
Conc: 43.26 ng/ml



#22 Mirex

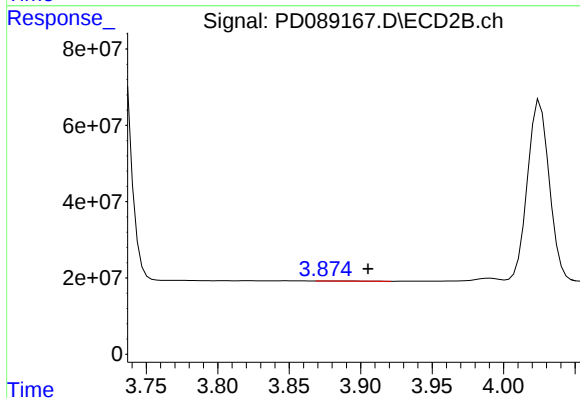
R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 704854767
Conc: 42.26 ng/ml



#23 Chlordane-1

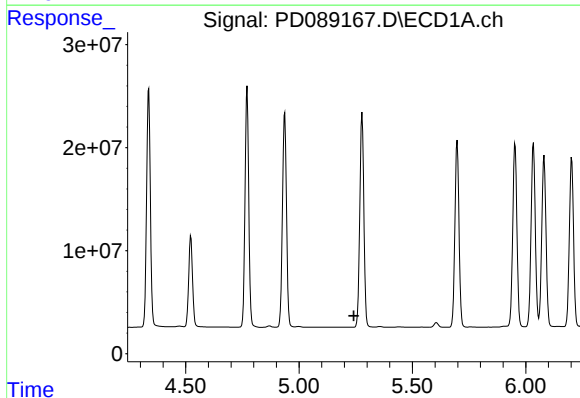
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



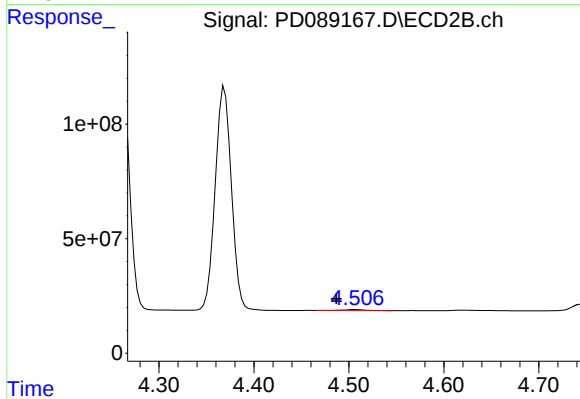
#23 Chlordane-1

R.T.: 3.875 min
Delta R.T.: -0.030 min
Response: 609362
Conc: 0.65 ng/ml



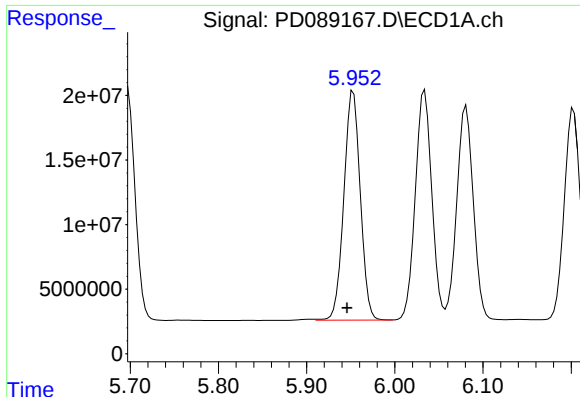
#24 Chlordane-2

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



#24 Chlordane-2

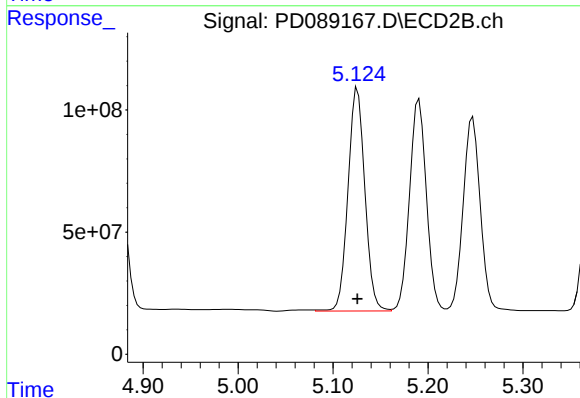
R.T.: 4.507 min
Delta R.T.: 0.021 min
Response: 6536163
Conc: 6.87 ng/ml



#25 Chlordane-3

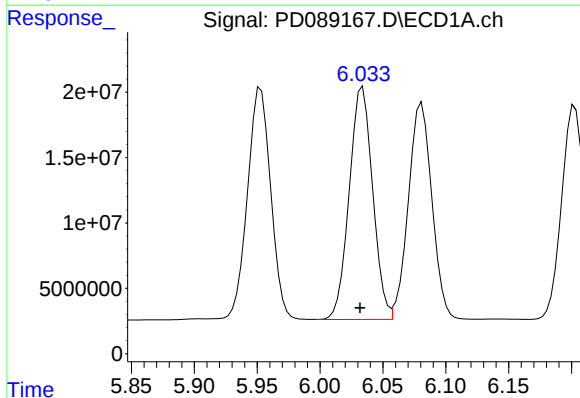
R.T.: 5.953 min
Delta R.T.: 0.007 min
Response: 229541281
Conc: 266.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



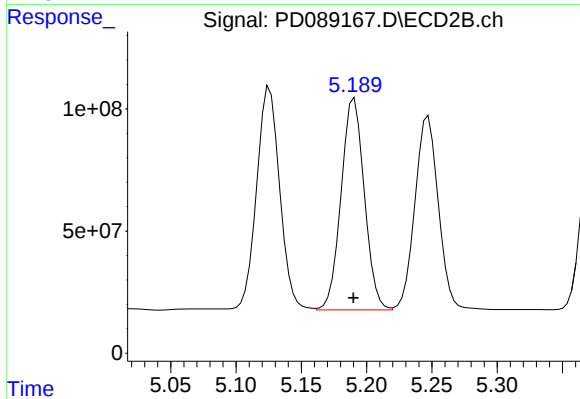
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 1129354207
Conc: 380.23 ng/ml



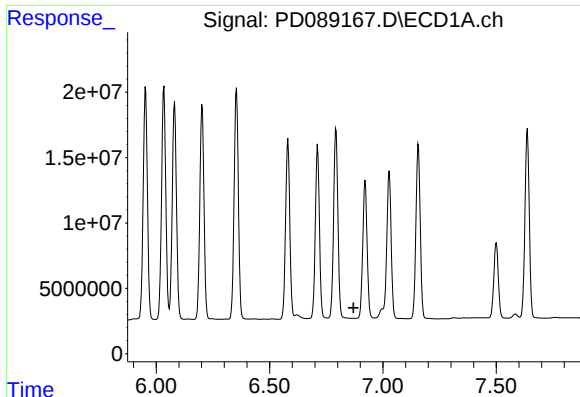
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.002 min
Response: 230718466
Conc: 219.58 ng/ml



#26 Chlordane-4

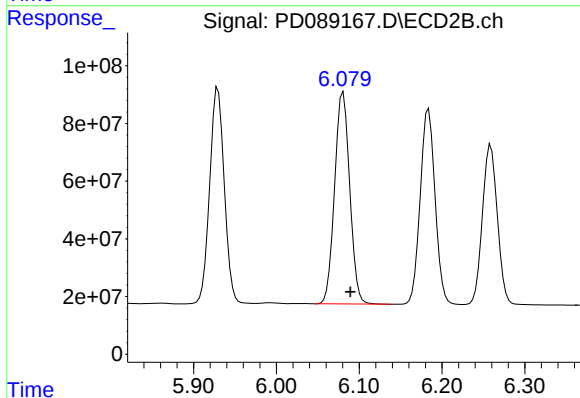
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 1072433658
Conc: 427.82 ng/ml



#27 Chlordane-5

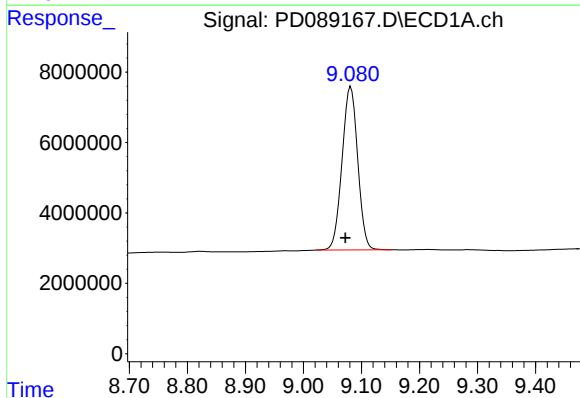
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



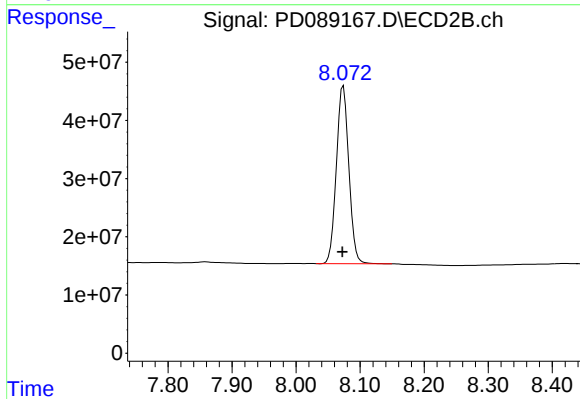
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.009 min
Response: 932006890
Conc: 823.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.010 min
Response: 86897110
Conc: 22.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: 0.002 min
Response: 413730910
Conc: 20.93 ng/ml