

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073383.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 20:06
 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: Dec 20 23:28:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.694	3.456	114.5E6	4081.9E6	54.627	41.506
28)	SA Decachlor...	7.820	8.903	129.7E6	892.2E6	53.580	50.615
Target Compounds							
2)	A alpha-BHC	3.197	3.919	201.2E6	5459.5E6	58.162	40.847 #
3)	MA gamma-BHC...	3.527	4.253	168.6E6	4125.6E6	61.333	41.812 #
4)	MA Heptachlor	3.859	4.818	178.0E6	2755.4E6	56.900	43.239
5)	MB Aldrin	4.137	5.157	175.6E6	2403.5E6	56.671	43.622
6)	B beta-BHC	3.829	4.468	71614428	1475.2E6	56.394	43.536
7)	B delta-BHC	4.057	4.712	181.3E6	3096.6E6	57.578	46.668
8)	B Heptachlo...	4.642	5.588	157.4E6	2119.6E6	56.803	47.547
9)	A Endosulfan I	5.010	5.973	148.0E6	1872.7E6	55.927	45.108
10)	B gamma-Chl...	4.890	5.842	158.4E6	1812.7E6	55.508	40.552 #
11)	B alpha-Chl...	4.953	5.918	158.5E6	1961.8E6	56.263	44.830
12)	B 4,4'-DDE	5.141	6.091	157.8E6	1958.4E6	58.285	46.340
13)	MA Dieldrin	5.276	6.250	157.1E6	1935.8E6	55.687	46.078
14)	MA Endrin	5.553	6.481	143.8E6	1355.2E6	56.012	41.249 #
15)	B Endosulfa...	5.851	6.711	112.9E6	1469.0E6	47.789	46.243
16)	A 4,4'-DDD	5.700	6.616	127.8E6	1460.3E6	56.677	46.739
17)	MA 4,4'-DDT	5.948	6.923	118.6E6	1501.6E6	53.524	49.689
18)	B Endrin al...	6.032	6.842	99013246	1119.3E6	52.602	47.747
19)	B Endosulfa...	6.255	7.075	131.5E6	1363.6E6	55.306	49.839
20)	A Methoxychlor	6.531	7.403	73532090	689.4E6	55.171	50.931
21)	B Endrin ke...	6.765	7.564	149.4E6	1404.8E6	54.991	51.165
22)	Mirex	6.930	8.011	111.6E6	863.6E6	53.699	49.375
23)	Chlordane-1	0.000	4.602	0	5788547	N.D.	2.286 #
24)	Chlordane-2	4.283f	5.157f	144464	2403.5E6	1.450	1437.706 #
25)	Chlordane-3	4.890	5.842	158.4E6	1812.7E6	530.584	312.337 #
26)	Chlordane-4	4.953	5.918	158.5E6	1961.8E6	524.447	269.520 #
27)	Chlordane-5	5.851	0.000	112.9E6	0	1251.384	N.D. #

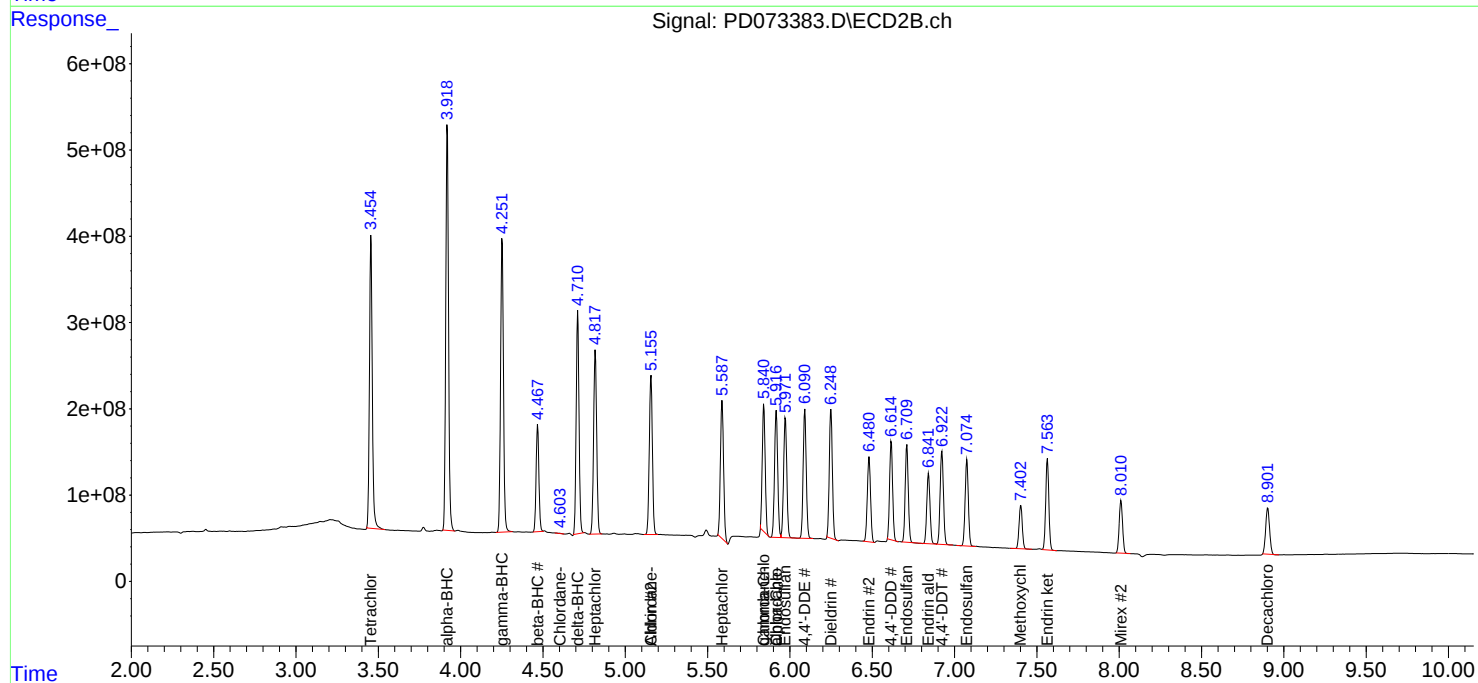
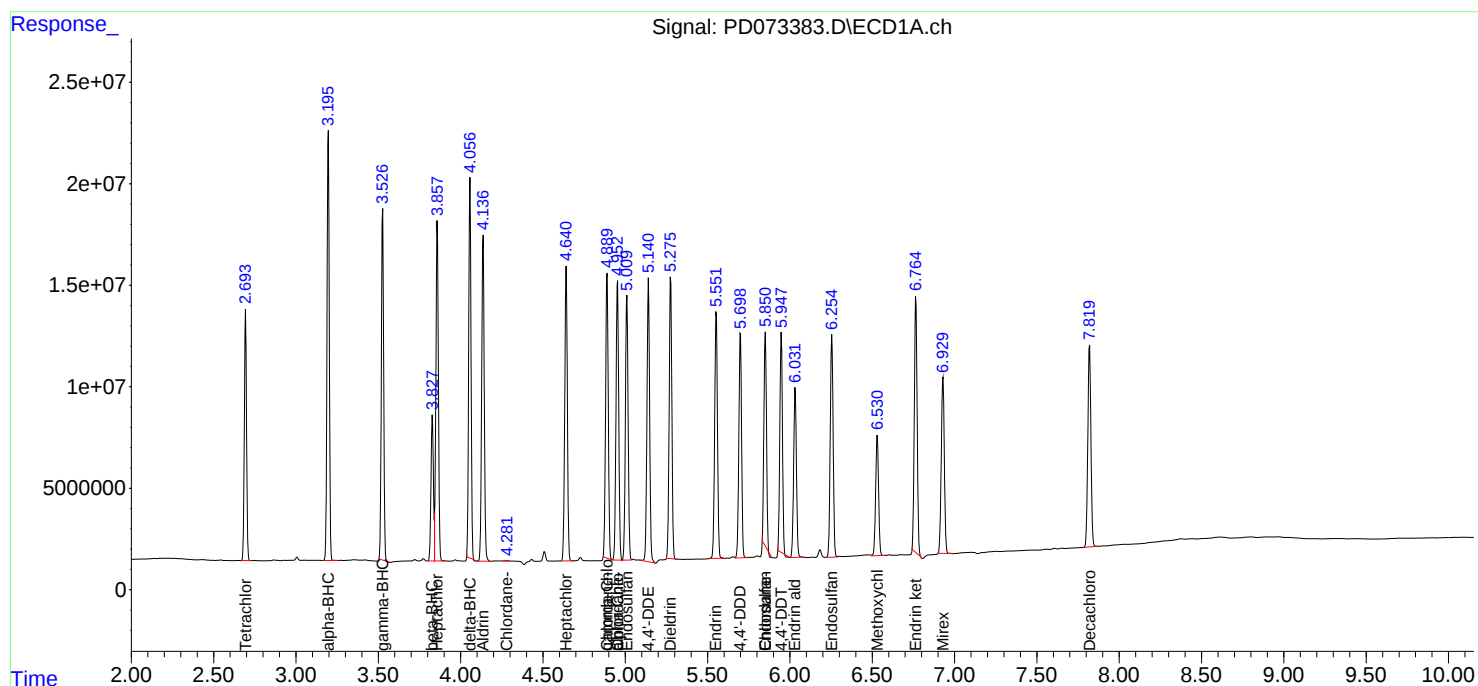
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

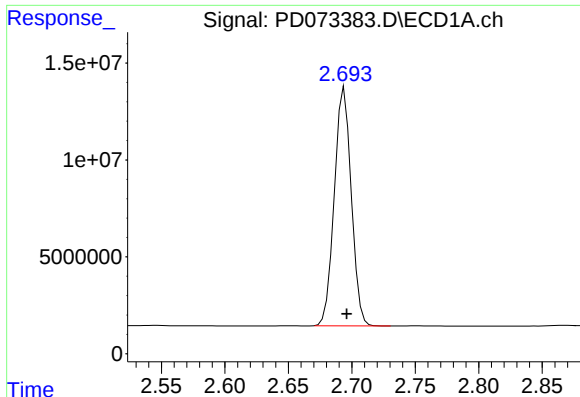
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
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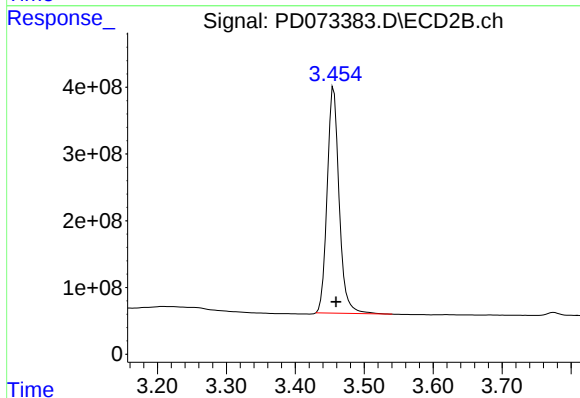




#1 Tetrachloro-m-xylene

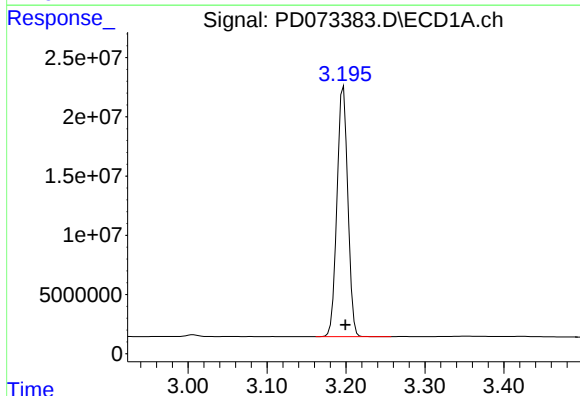
R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 114487974
Conc: 54.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



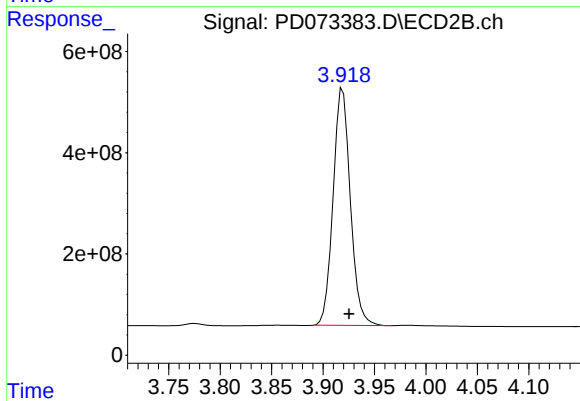
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: -0.003 min
Response: 4081930273
Conc: 41.51 ng/ml



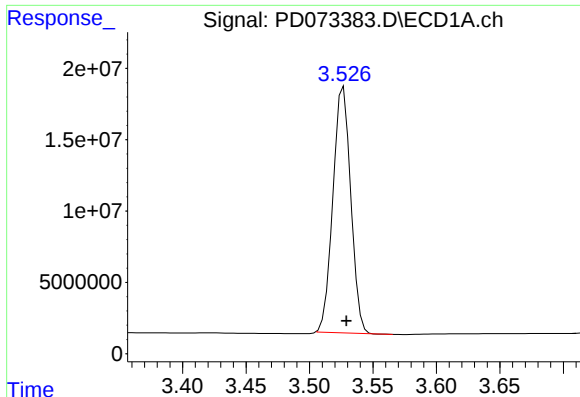
#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 201174055
Conc: 58.16 ng/ml



#2 alpha-BHC

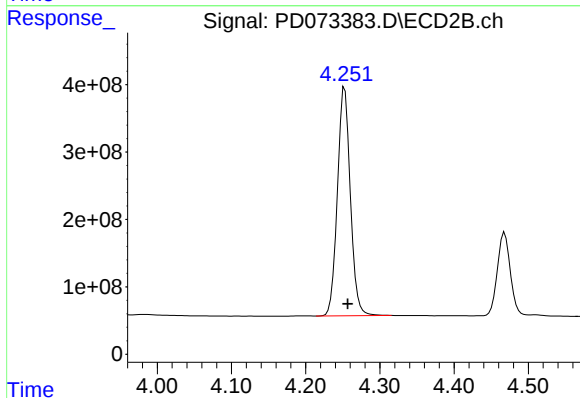
R.T.: 3.919 min
Delta R.T.: -0.006 min
Response: 5459531563
Conc: 40.85 ng/ml



#3 gamma-BHC (Lindane)

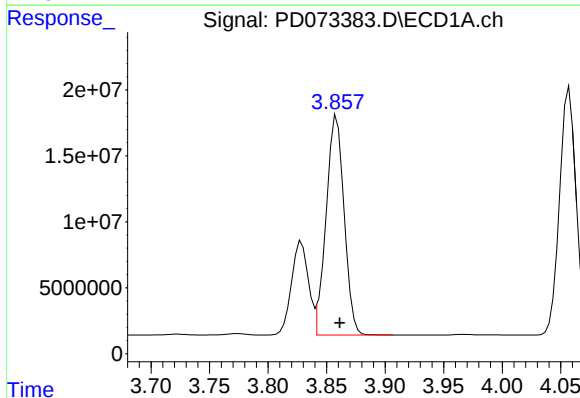
R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 168648110
Conc: 61.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



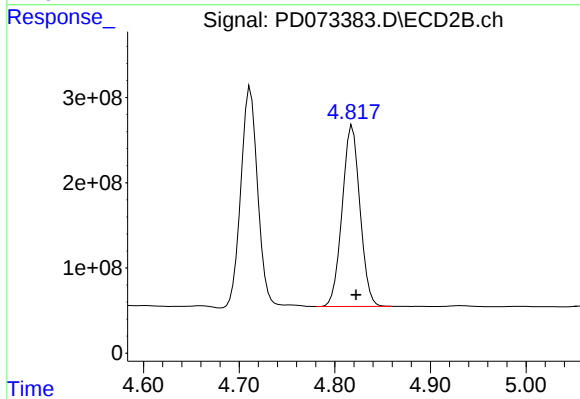
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: -0.004 min
Response: 4125611303
Conc: 41.81 ng/ml



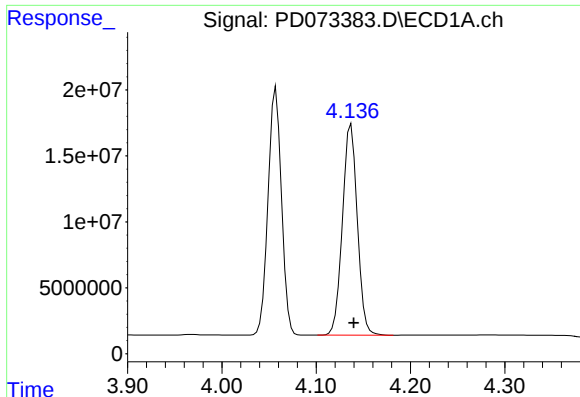
#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 177997073
Conc: 56.90 ng/ml



#4 Heptachlor

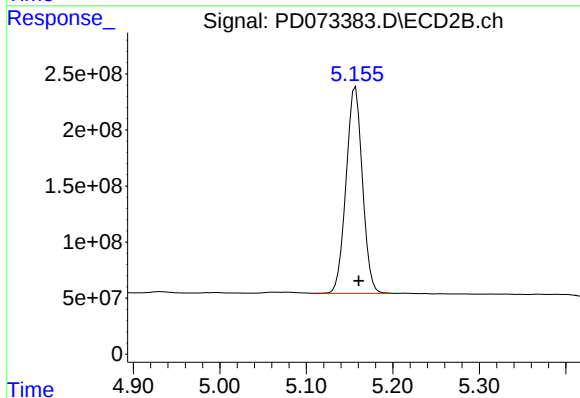
R.T.: 4.818 min
Delta R.T.: -0.004 min
Response: 2755371574
Conc: 43.24 ng/ml



#5 Aldrin

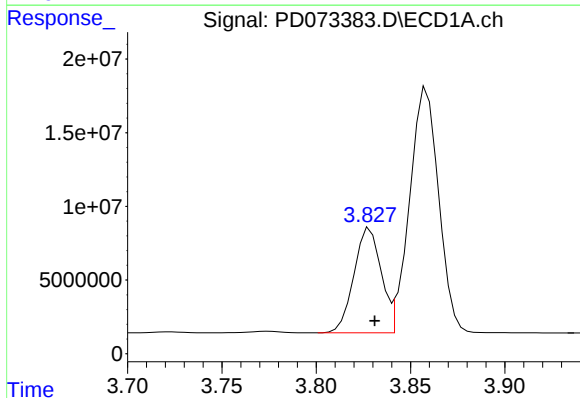
R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 175575042
Conc: 56.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



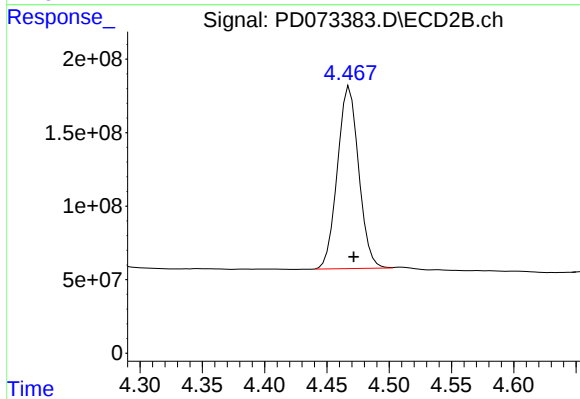
#5 Aldrin

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 2403541629
Conc: 43.62 ng/ml



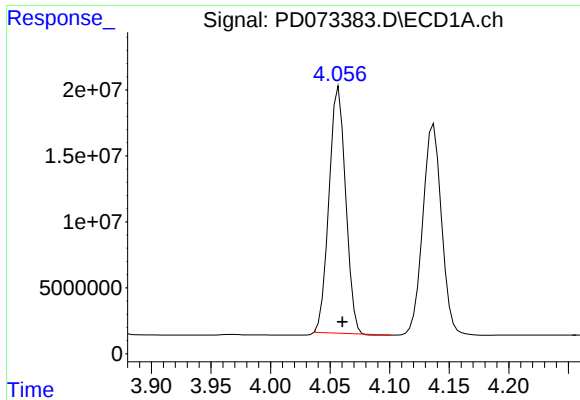
#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 71614428
Conc: 56.39 ng/ml



#6 beta-BHC

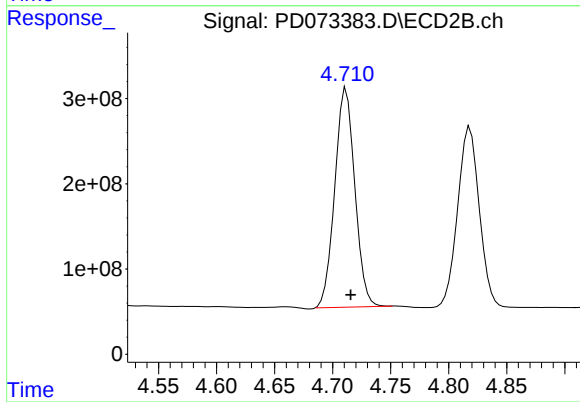
R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 1475249711
Conc: 43.54 ng/ml



#7 delta-BHC

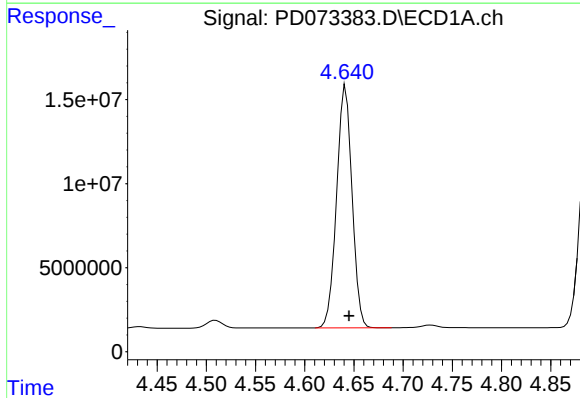
R.T.: 4.057 min
Delta R.T.: -0.003 min
Response: 181279912
Conc: 57.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



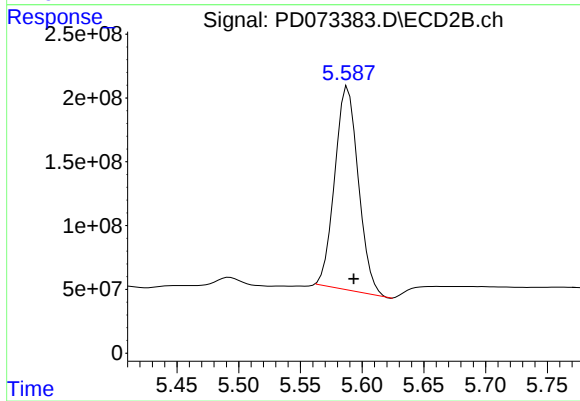
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: -0.004 min
Response: 3096610659
Conc: 46.67 ng/ml



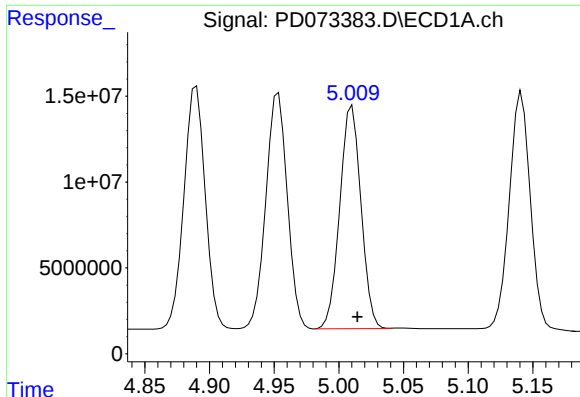
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.004 min
Response: 157434832
Conc: 56.80 ng/ml



#8 Heptachlor epoxide

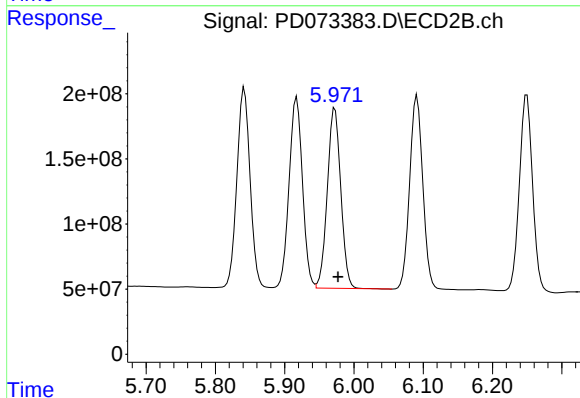
R.T.: 5.588 min
Delta R.T.: -0.005 min
Response: 2119589452
Conc: 47.55 ng/ml



#9 Endosulfan I

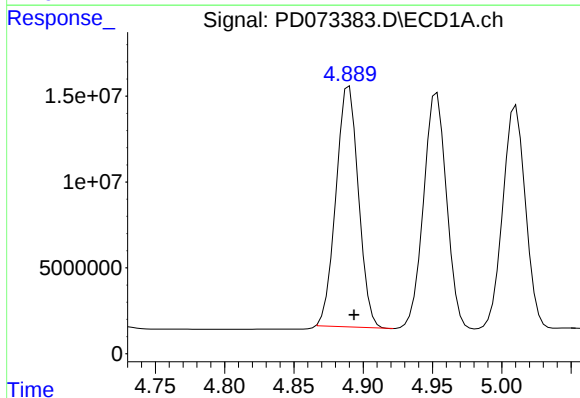
R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 148013461
Conc: 55.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



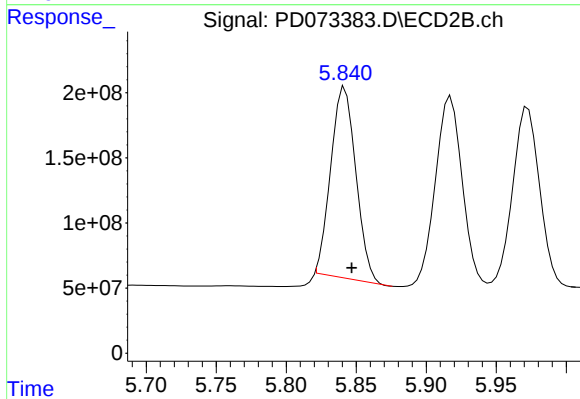
#9 Endosulfan I

R.T.: 5.973 min
Delta R.T.: -0.005 min
Response: 1872717372
Conc: 45.11 ng/ml



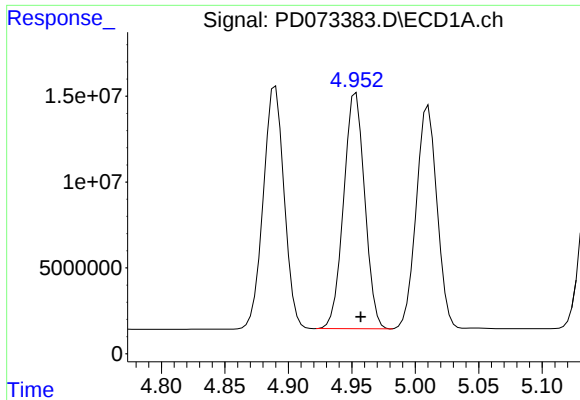
#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 158384708
Conc: 55.51 ng/ml



#10 gamma-Chlordane

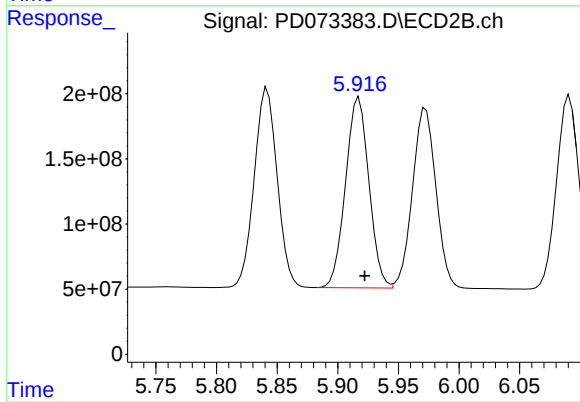
R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 1812667860
Conc: 40.55 ng/ml



#11 alpha-Chlordane

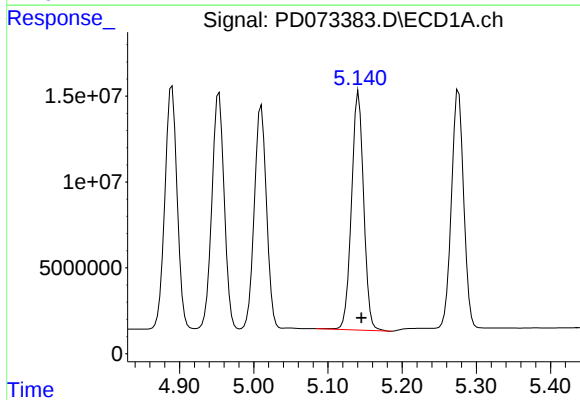
R.T.: 4.953 min
Delta R.T.: -0.004 min
Response: 158505596
Conc: 56.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



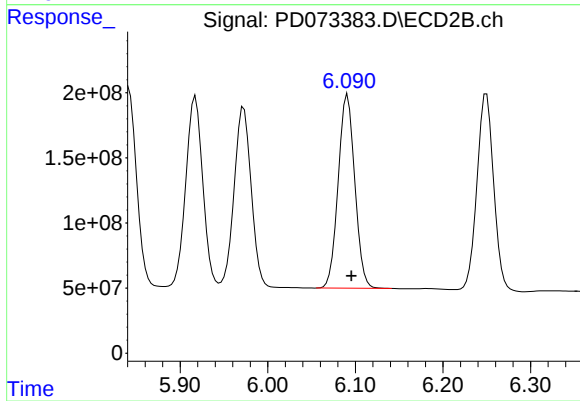
#11 alpha-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.005 min
Response: 1961836663
Conc: 44.83 ng/ml



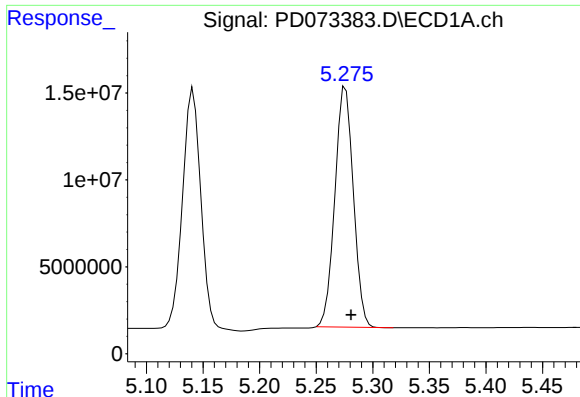
#12 4,4'-DDE

R.T.: 5.141 min
Delta R.T.: -0.004 min
Response: 157824104
Conc: 58.28 ng/ml



#12 4,4'-DDE

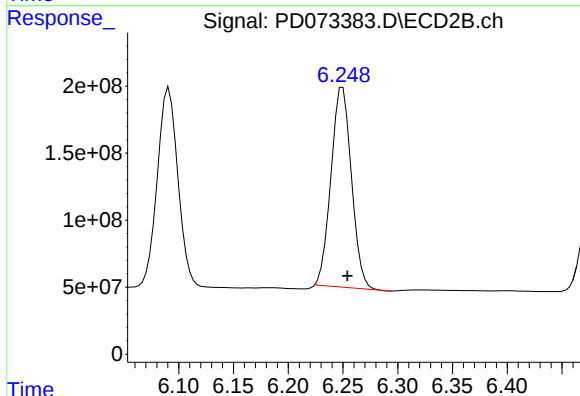
R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 1958388494
Conc: 46.34 ng/ml



#13 Dieldrin

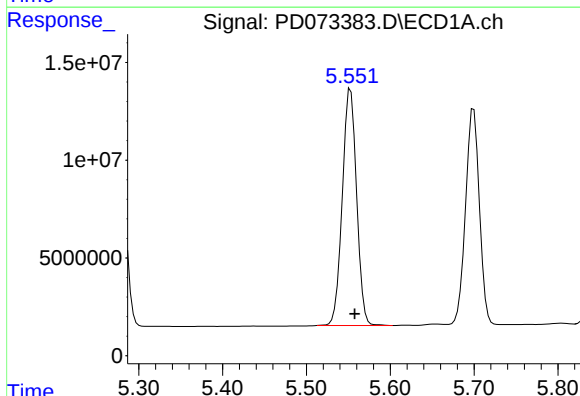
R.T.: 5.276 min
Delta R.T.: -0.005 min
Response: 157148236
Conc: 55.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



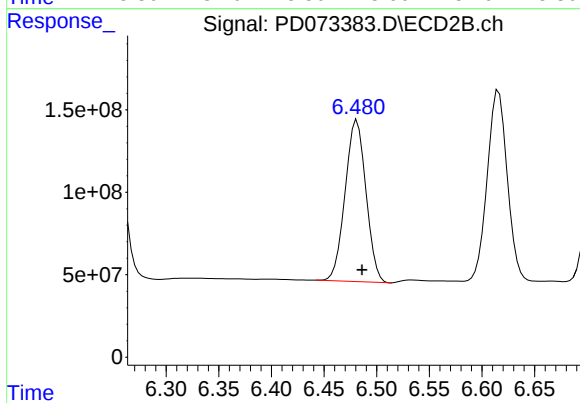
#13 Dieldrin

R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 1935753839
Conc: 46.08 ng/ml



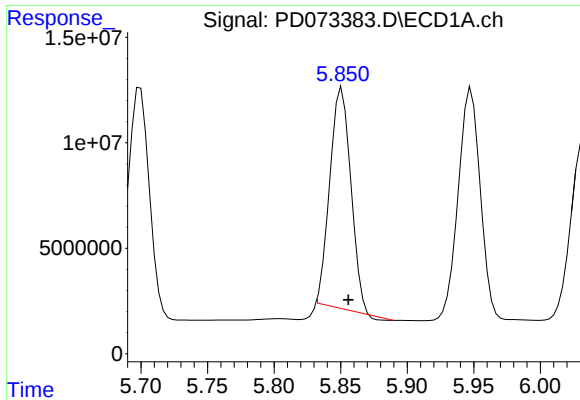
#14 Endrin

R.T.: 5.553 min
Delta R.T.: -0.005 min
Response: 143819862
Conc: 56.01 ng/ml



#14 Endrin

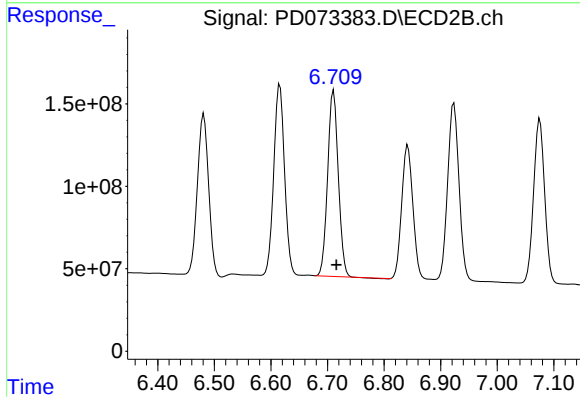
R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 1355176825
Conc: 41.25 ng/ml



#15 Endosulfan II

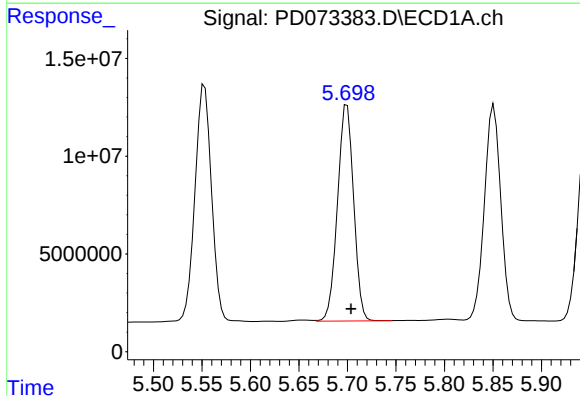
R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 112907451
Conc: 47.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



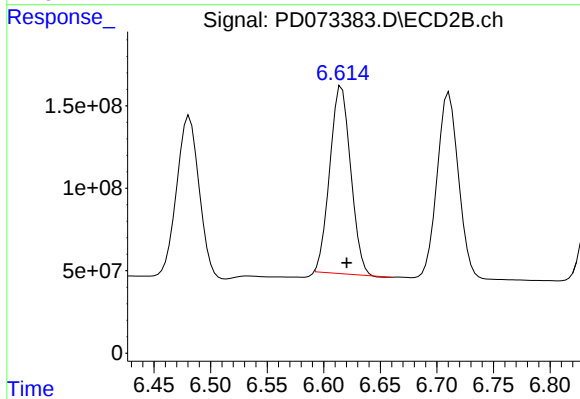
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: -0.005 min
Response: 1468985282
Conc: 46.24 ng/ml



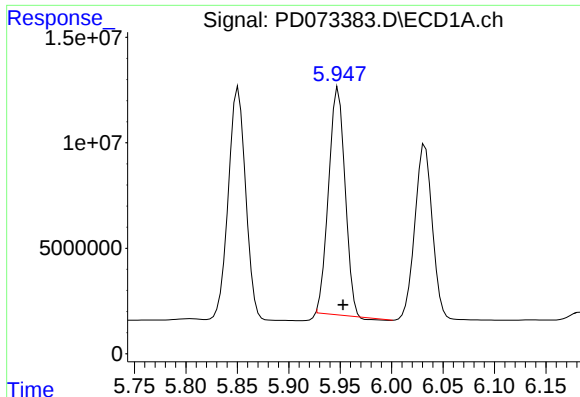
#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 127832536
Conc: 56.68 ng/ml



#16 4,4'-DDD

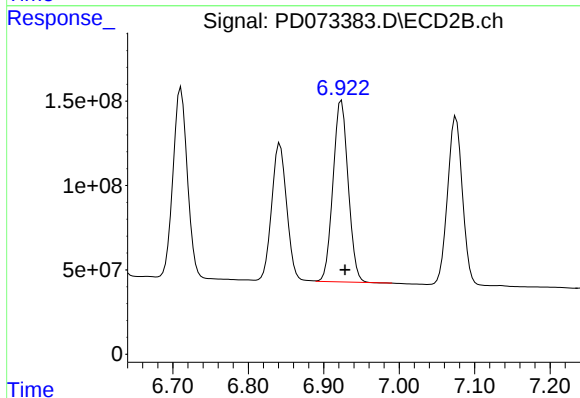
R.T.: 6.616 min
Delta R.T.: -0.005 min
Response: 1460276199
Conc: 46.74 ng/ml



#17 4,4'-DDT

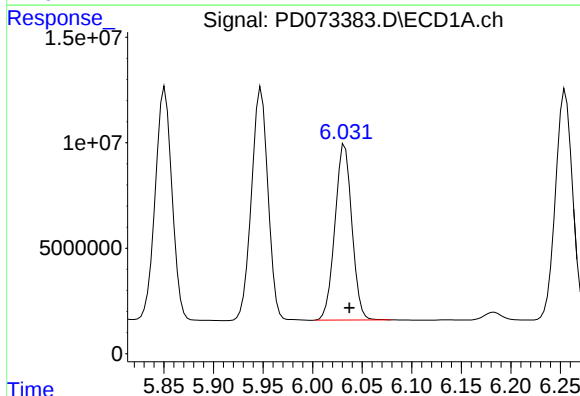
R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 118565356
Conc: 53.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



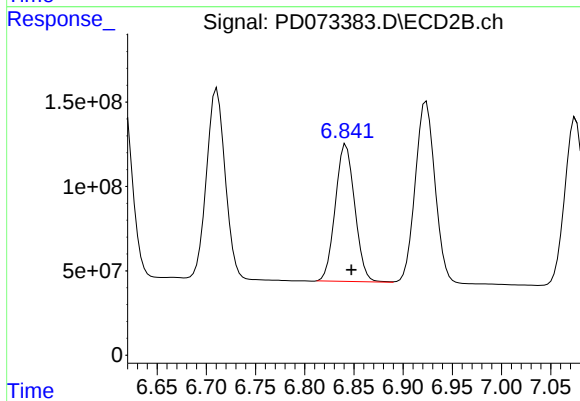
#17 4,4'-DDT

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 1501582887
Conc: 49.69 ng/ml



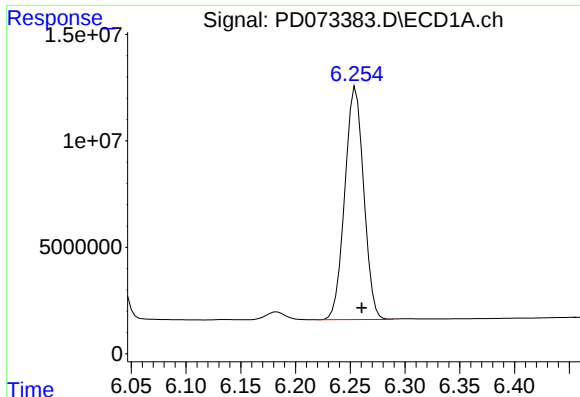
#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.005 min
Response: 99013246
Conc: 52.60 ng/ml



#18 Endrin aldehyde

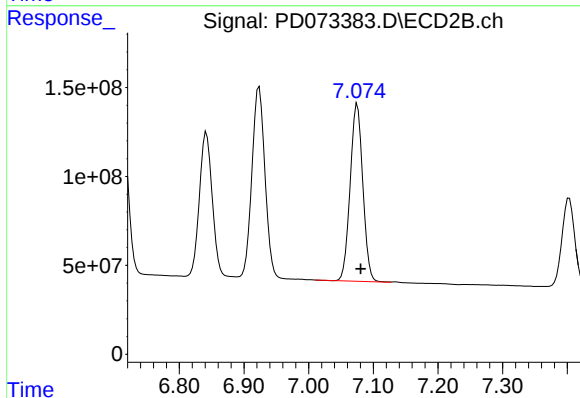
R.T.: 6.842 min
Delta R.T.: -0.006 min
Response: 1119332839
Conc: 47.75 ng/ml



#19 Endosulfan Sulfate

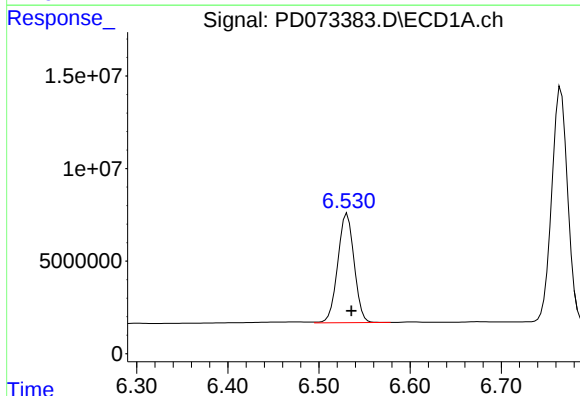
R.T.: 6.255 min
Delta R.T.: -0.006 min
Response: 131455027
Conc: 55.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



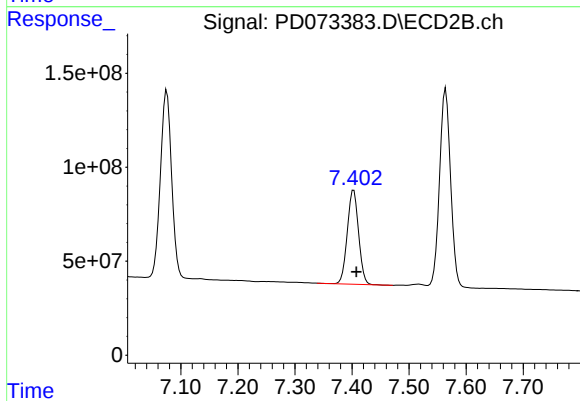
#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: -0.005 min
Response: 1363609243
Conc: 49.84 ng/ml



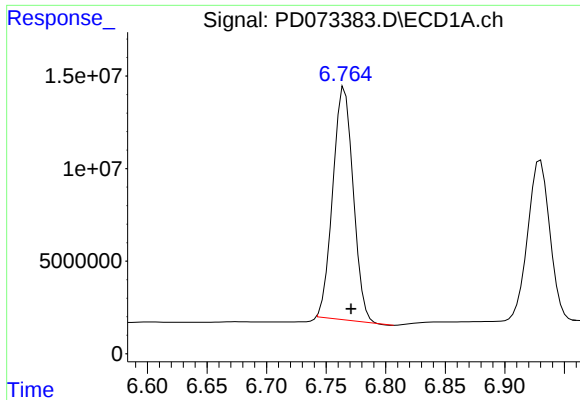
#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 73532090
Conc: 55.17 ng/ml



#20 Methoxychlor

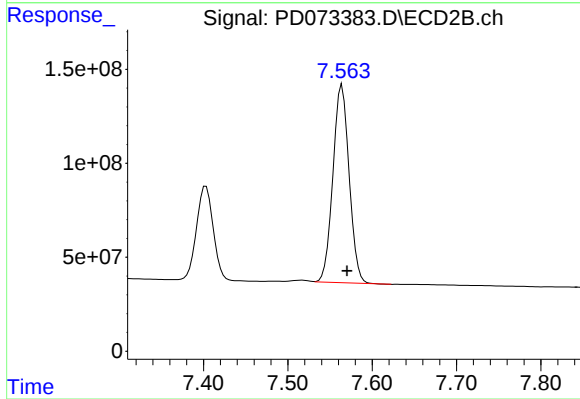
R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 689364370
Conc: 50.93 ng/ml



#21 Endrin ketone

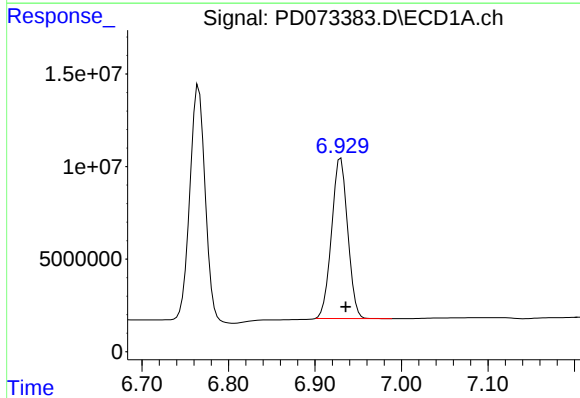
R.T.: 6.765 min
Delta R.T.: -0.005 min
Response: 149435159
Conc: 54.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



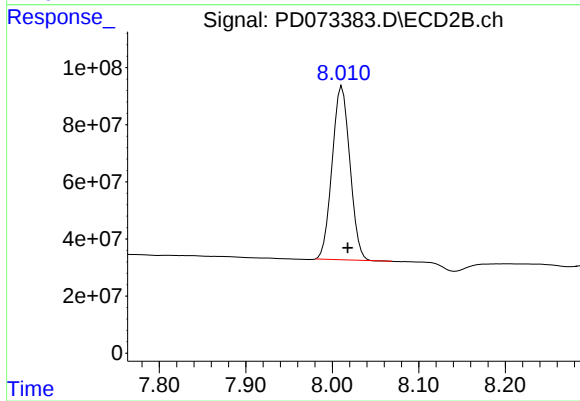
#21 Endrin ketone

R.T.: 7.564 min
Delta R.T.: -0.006 min
Response: 1404805235
Conc: 51.16 ng/ml



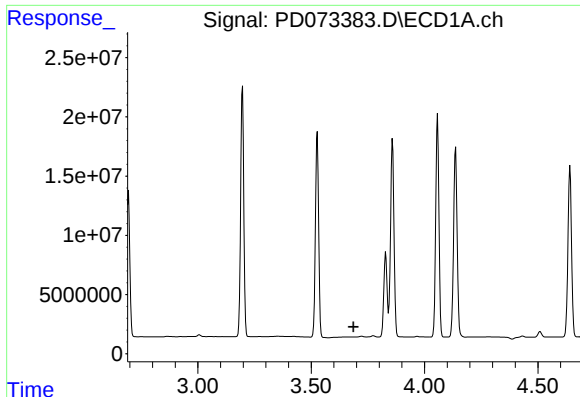
#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.006 min
Response: 111620020
Conc: 53.70 ng/ml



#22 Mirex

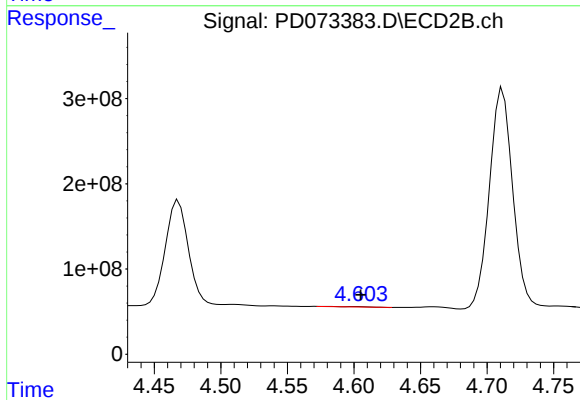
R.T.: 8.011 min
Delta R.T.: -0.006 min
Response: 863593803
Conc: 49.38 ng/ml



#23 Chlordane-1

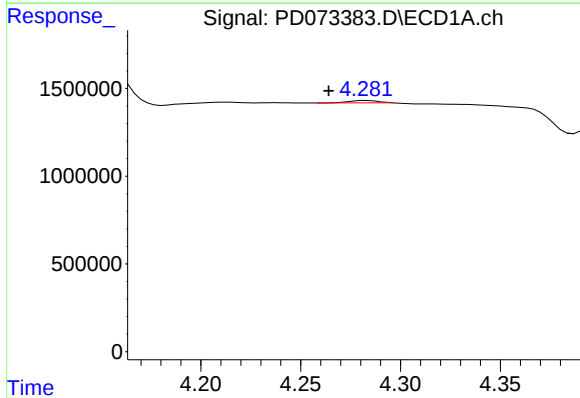
R.T.: 0.000 min
Exp R.T.: 3.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



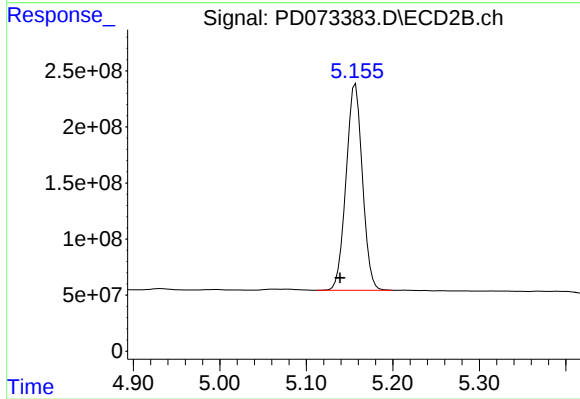
#23 Chlordane-1

R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 5788547
Conc: 2.29 ng/ml



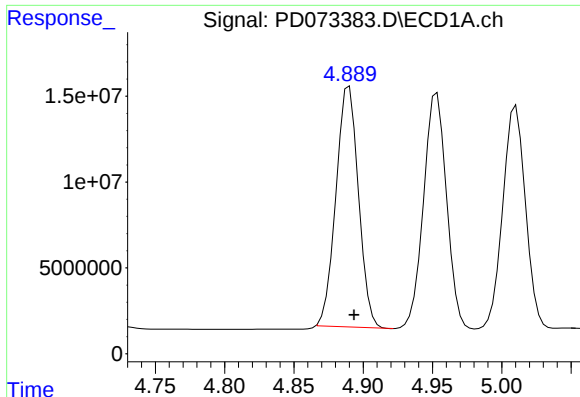
#24 Chlordane-2

R.T.: 4.283 min
Delta R.T.: 0.019 min
Response: 144464
Conc: 1.45 ng/ml



#24 Chlordane-2

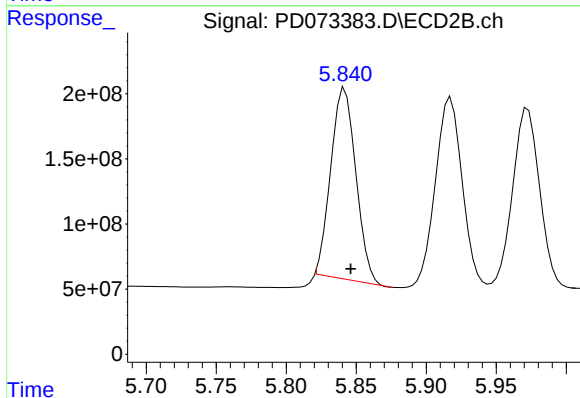
R.T.: 5.157 min
Delta R.T.: 0.018 min
Response: 2403541629
Conc: 1437.71 ng/ml



#25 Chlordane-3

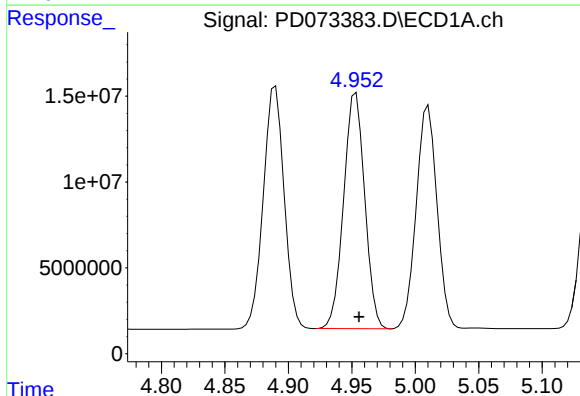
R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 158384708
Conc: 530.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



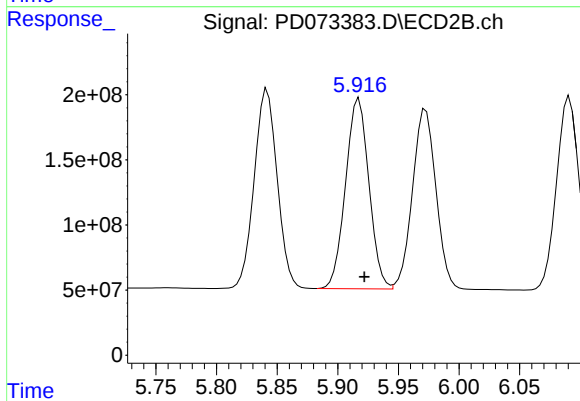
#25 Chlordane-3

R.T.: 5.842 min
Delta R.T.: -0.004 min
Response: 1812667860
Conc: 312.34 ng/ml



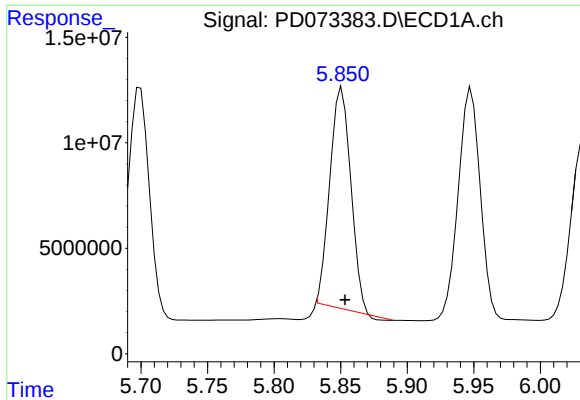
#26 Chlordane-4

R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 158505596
Conc: 524.45 ng/ml



#26 Chlordane-4

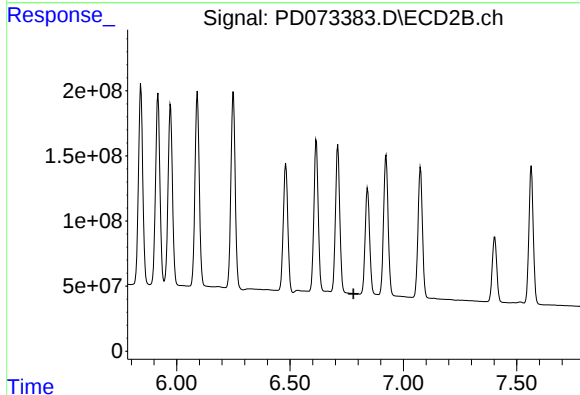
R.T.: 5.918 min
Delta R.T.: -0.004 min
Response: 1961836663
Conc: 269.52 ng/ml



#27 Chlordane-5

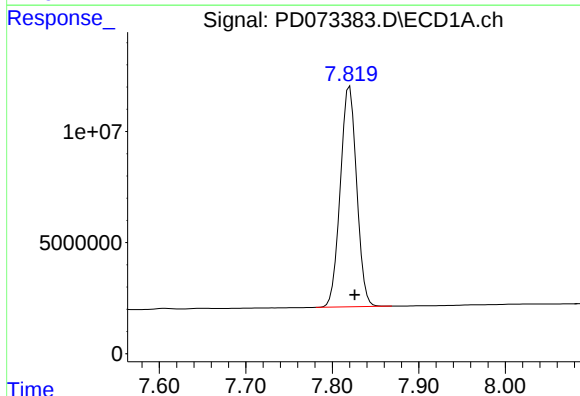
R.T.: 5.851 min
Delta R.T.: -0.002 min
Response: 112907451
Conc: 1251.38 ng/m

Instrument :
ECD_D
ClientSampleId :



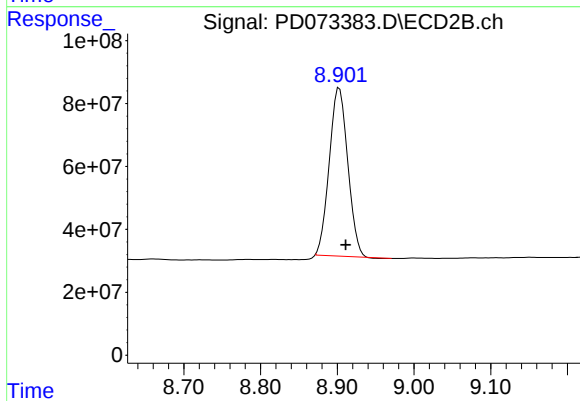
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.780 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.820 min
Delta R.T.: -0.006 min
Response: 129729286
Conc: 53.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: -0.008 min
Response: 892216879
Conc: 50.61 ng/ml