

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 19:42
 Operator : AR\AJ
 Sample : 04685-05MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PP-20230928-B6A-0-7.5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 21:35:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 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	48297521	34408751	16.731	16.847
28)	SA Decachlor...	9.077	7.892	55702512	33306876	15.020	14.678
Target Compounds							
2)	A alpha-BHC	3.996	3.259	240.4E6	149.7E6	49.499	49.927
3)	MA gamma-BHC...	4.329	3.588	232.0E6	146.3E6	49.596	50.482
4)	MA Heptachlor	4.919	3.927	227.6E6	142.9E6	48.400	48.421
5)	MB Aldrin	5.262	4.206	239.1E6	146.5E6	49.500	49.393
6)	B beta-BHC	4.527	3.885	91352302	57307418	49.185	49.585
7)	B delta-BHC	4.775	4.114	228.7E6	145.3E6	50.768	50.774
8)	B Heptachlo...	5.689	4.707	207.0E6	134.4E6	49.291	49.713
9)	A Endosulfan I	6.076	5.077	192.5E6	124.8E6	49.268	49.648
10)	B gamma-Chl...	5.946	4.957	207.5E6	134.2E6	49.422	49.929
11)	B alpha-Chl...	6.025	5.022	207.2E6	133.6E6	49.178	49.741
12)	B 4,4'-DDE	6.197	5.210	198.6E6	130.4E6	49.627	51.240
13)	MA Dieldrin	6.352	5.342	208.8E6	138.7E6	49.778	49.689
14)	MA Endrin	6.582	5.618	171.4E6	123.5E6	51.032	49.933
15)	B Endosulfa...	6.803	5.912	170.0E6	117.5E6	47.233	49.345
16)	A 4,4'-DDD	6.716	5.765	155.4E6	105.5E6	52.215	53.297
17)	MA 4,4'-DDT	7.031	6.015	150.8E6	104.4E6	50.960	51.289
18)	B Endrin al...	6.932	6.091	119.5E6	90210015	44.718	48.660
19)	B Endosulfa...	7.168	6.313	160.2E6	110.5E6	49.875	49.810
20)	A Methoxychlor	7.507	6.590	81699804	56325842	48.953	51.626
21)	B Endrin ke...	7.654	6.820	185.2E6	130.5E6	51.539	49.710
22)	Mirex	8.127	7.001	153.7E6	115.7E6	57.533	56.801
24)	Chlordane-2	5.262f	4.344f	239.1E6	241982	1676.913	3.125 #
25)	Chlordane-3	5.946	4.957	207.5E6	134.2E6	354.733	520.768 #
26)	Chlordane-4	6.025	5.022	207.2E6	133.6E6	292.855	531.841 #
27)	Chlordane-5	0.000	5.912	0	117.5E6	N.D.	1367.014 #

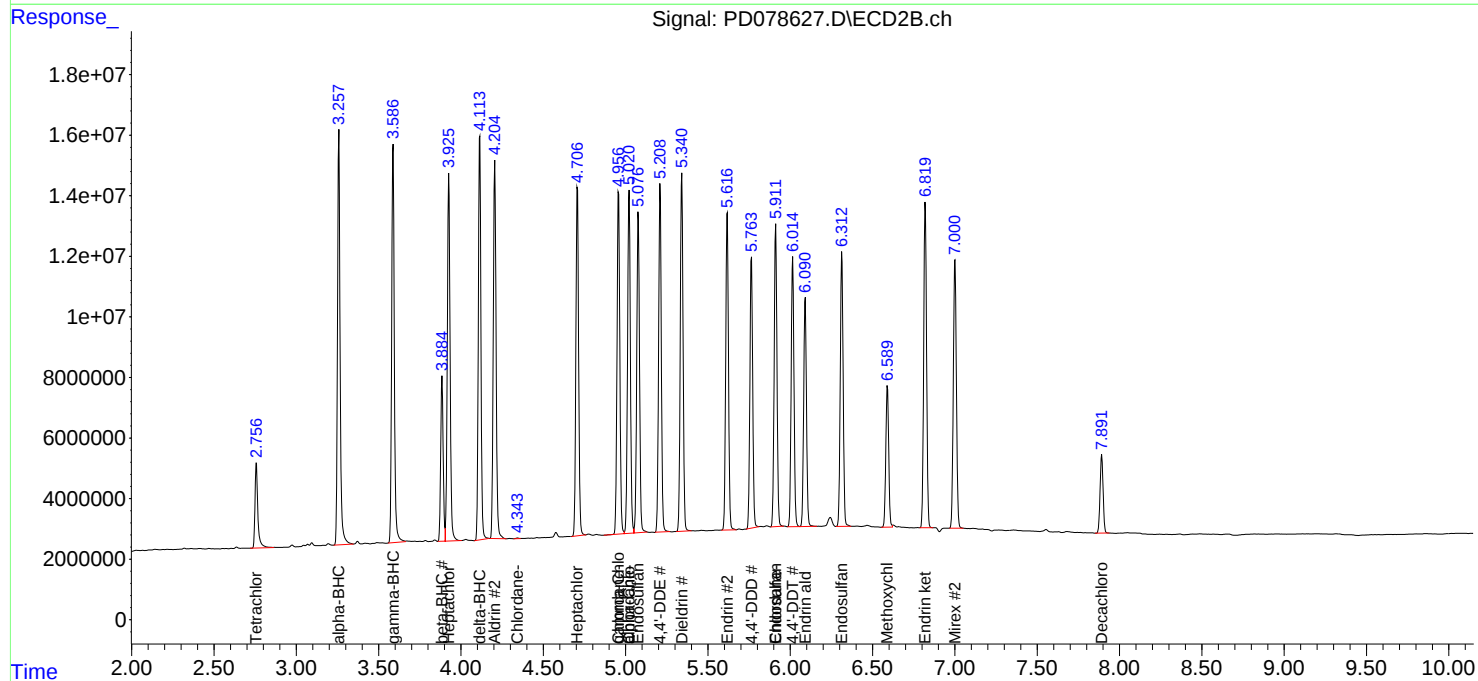
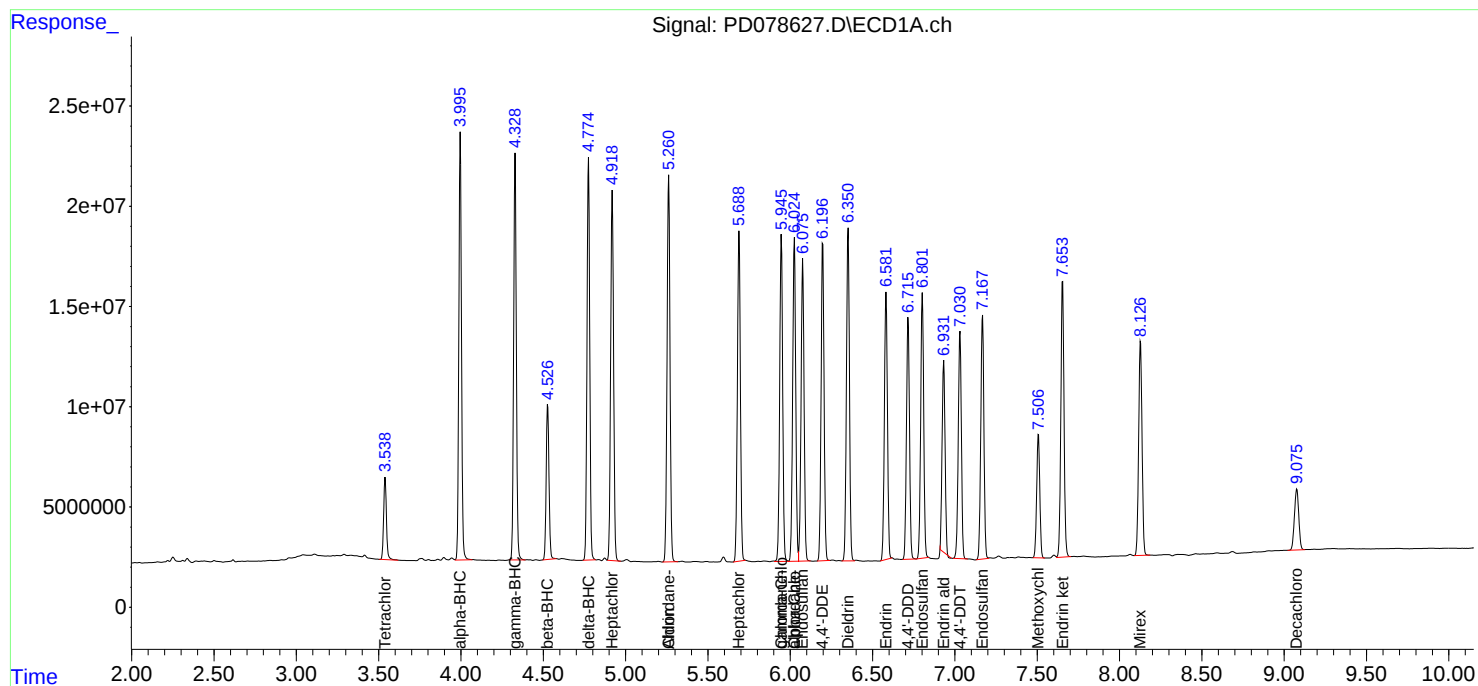
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

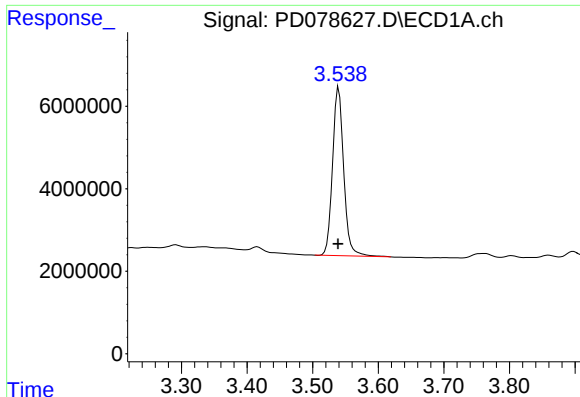
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
Data File : PD078627.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Integration File signal 1: autoint1.e
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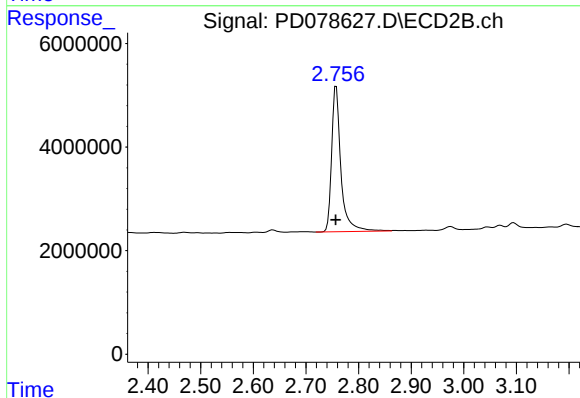




#1 Tetrachloro-m-xylene

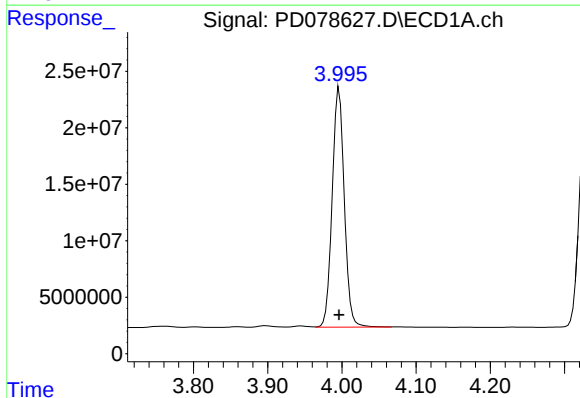
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 48297521
Conc: 16.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



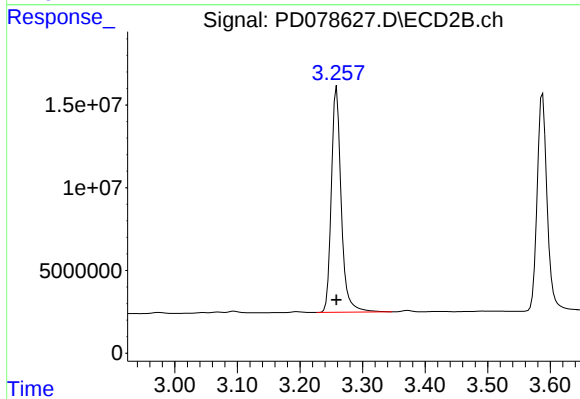
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 34408751
Conc: 16.85 ng/ml



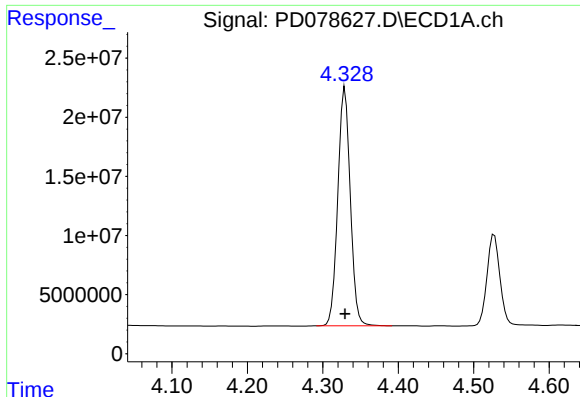
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 240383755
Conc: 49.50 ng/ml



#2 alpha-BHC

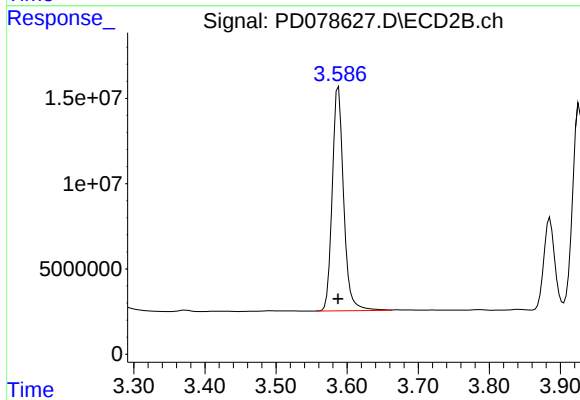
R.T.: 3.259 min
Delta R.T.: 0.000 min
Response: 149658999
Conc: 49.93 ng/ml



#3 gamma-BHC (Lindane)

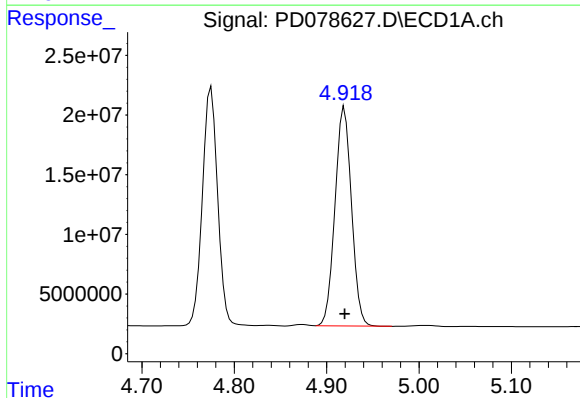
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 232013518
Conc: 49.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



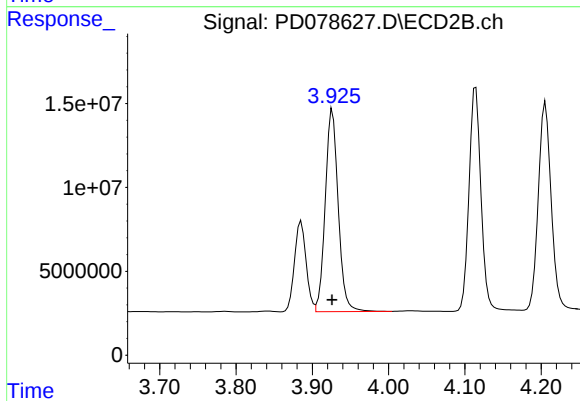
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 146256506
Conc: 50.48 ng/ml



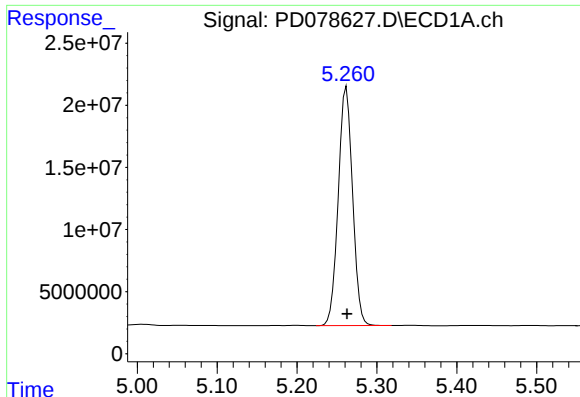
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 227550332
Conc: 48.40 ng/ml



#4 Heptachlor

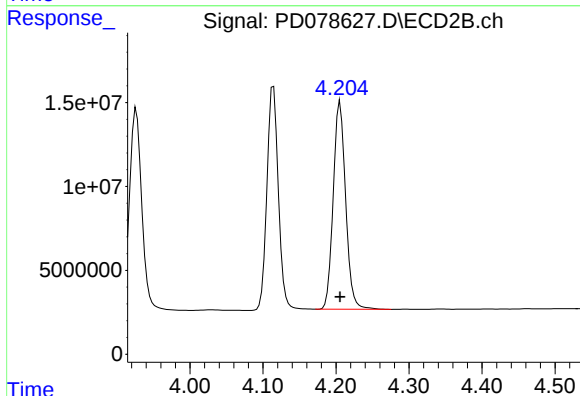
R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 142865162
Conc: 48.42 ng/ml



#5 Aldrin

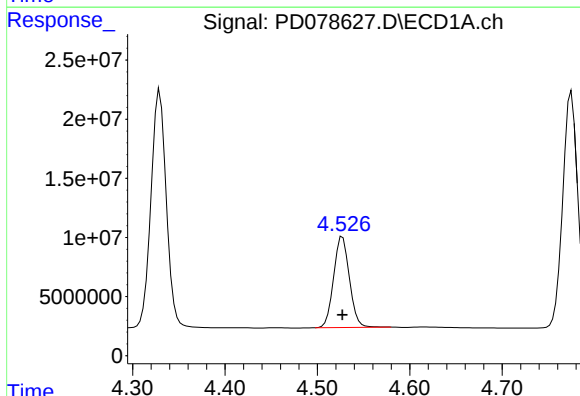
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 239135723
Conc: 49.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



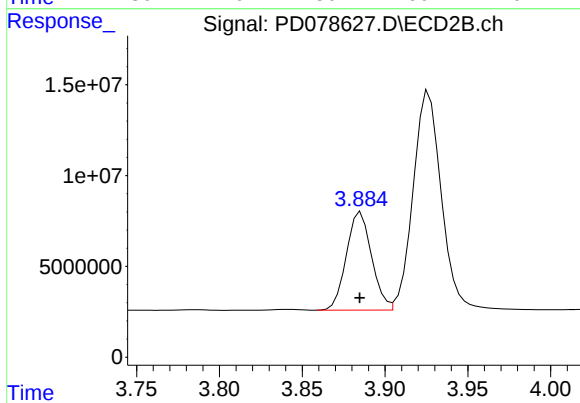
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 146545492
Conc: 49.39 ng/ml



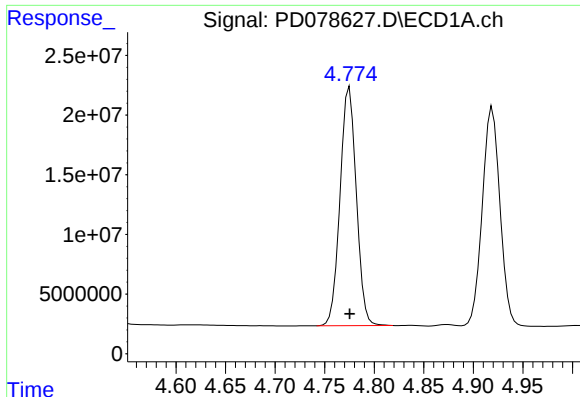
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 91352302
Conc: 49.19 ng/ml



#6 beta-BHC

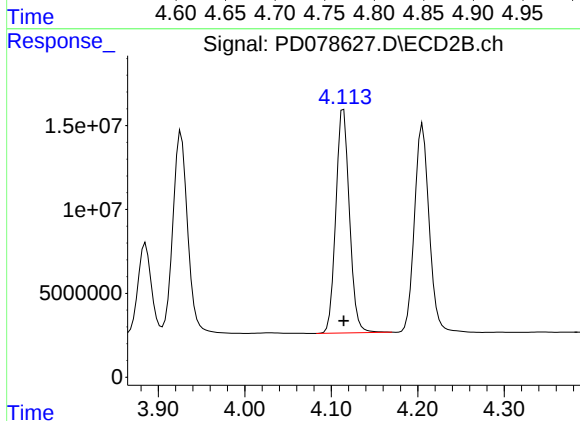
R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 57307418
Conc: 49.58 ng/ml



#7 delta-BHC

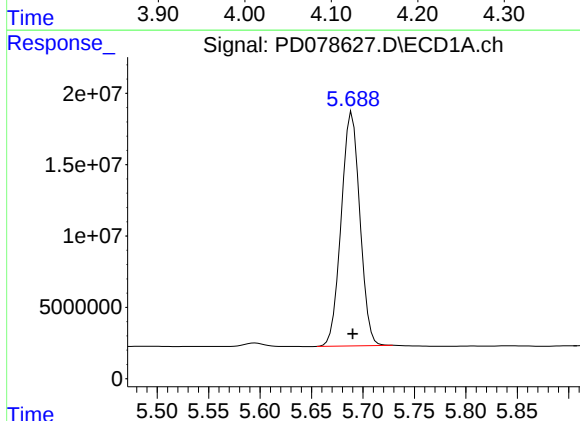
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 228662776
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



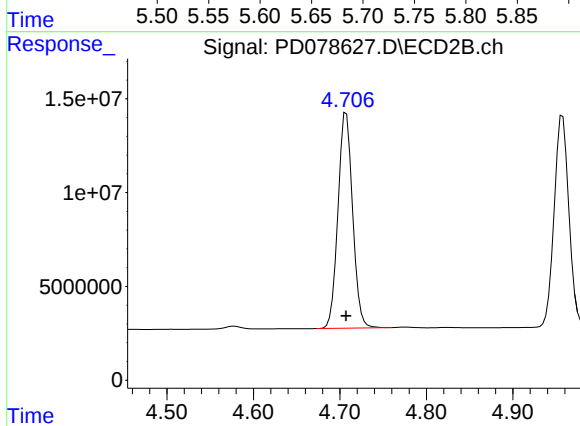
#7 delta-BHC

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 145275337
Conc: 50.77 ng/ml



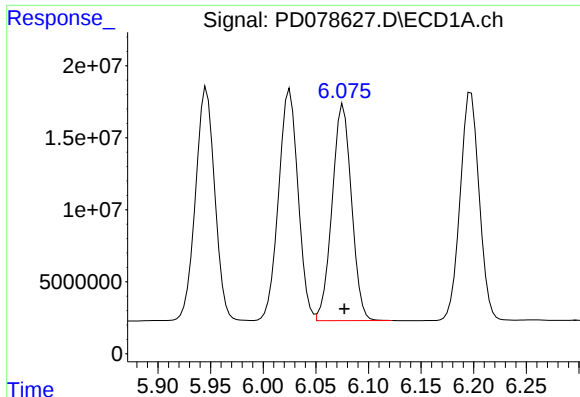
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 207025567
Conc: 49.29 ng/ml



#8 Heptachlor epoxide

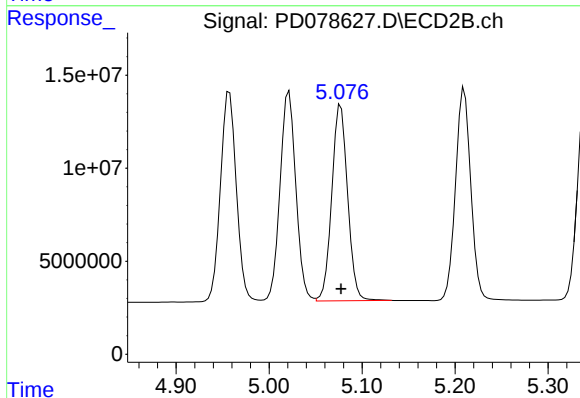
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 134362079
Conc: 49.71 ng/ml



#9 Endosulfan I

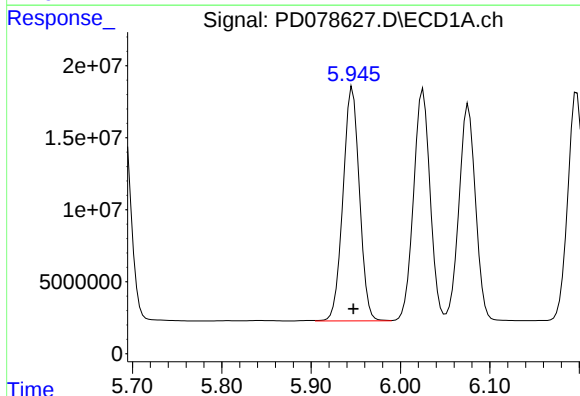
R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 192480715
Conc: 49.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



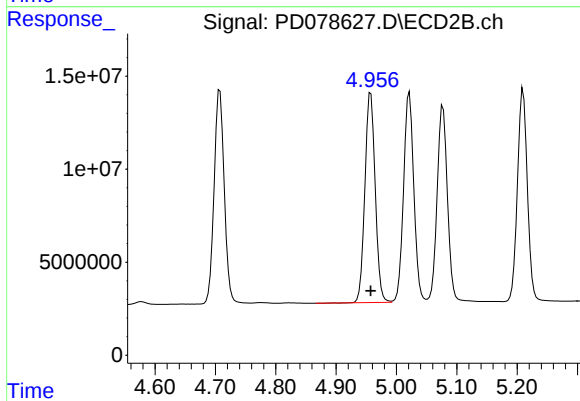
#9 Endosulfan I

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 124848407
Conc: 49.65 ng/ml



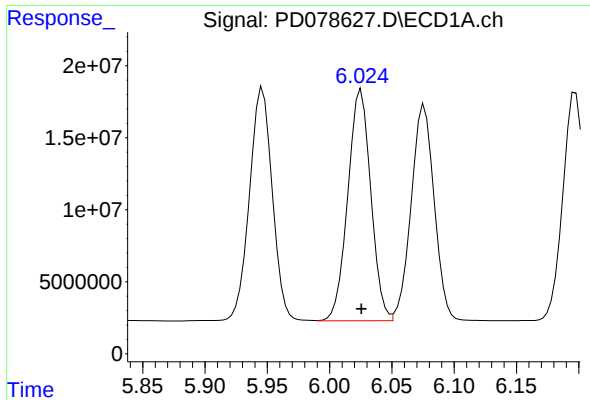
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 207529207
Conc: 49.42 ng/ml



#10 gamma-Chlordane

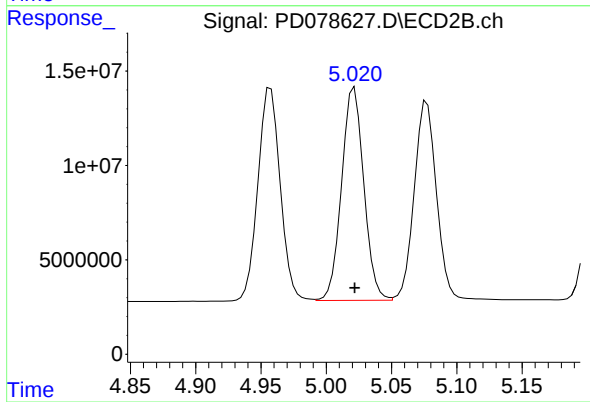
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 134177769
Conc: 49.93 ng/ml



#11 alpha-Chlordane

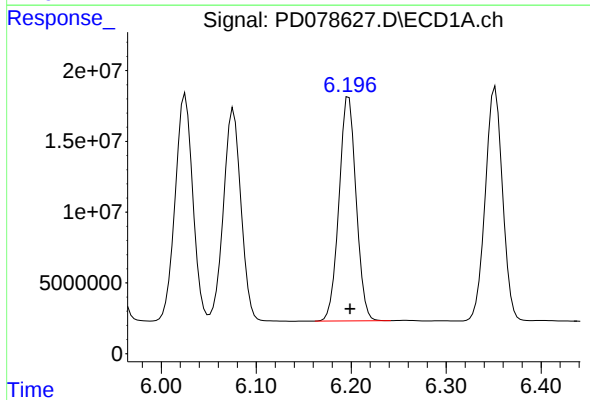
R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 207193775
Conc: 49.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



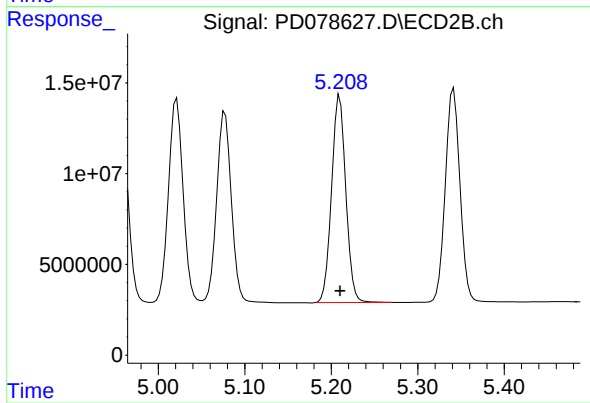
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 133564267
Conc: 49.74 ng/ml



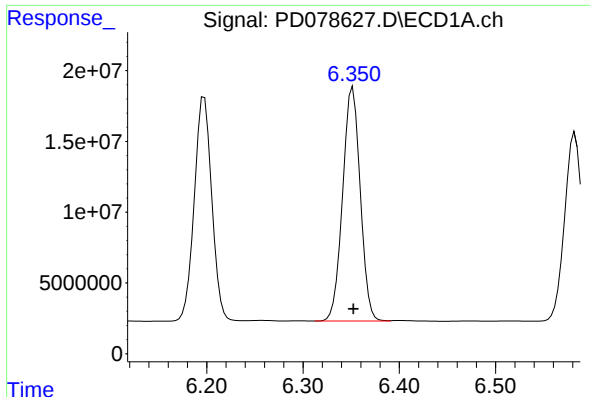
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.001 min
Response: 198636585
Conc: 49.63 ng/ml



#12 4,4'-DDE

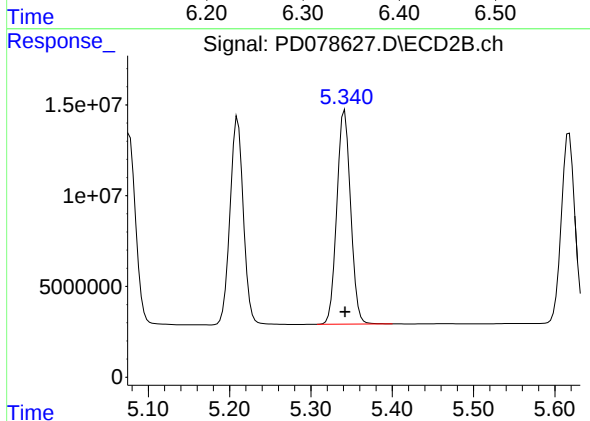
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 130373102
Conc: 51.24 ng/ml



#13 Dieldrin

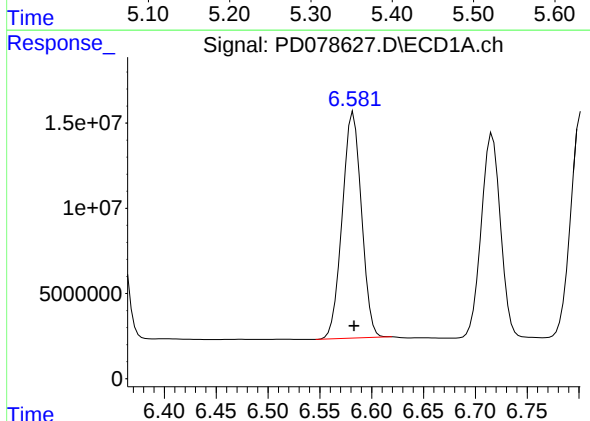
R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 208832083
Conc: 49.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



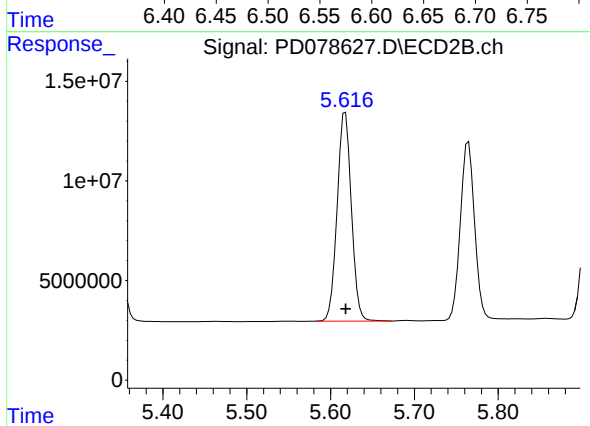
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 138713772
Conc: 49.69 ng/ml



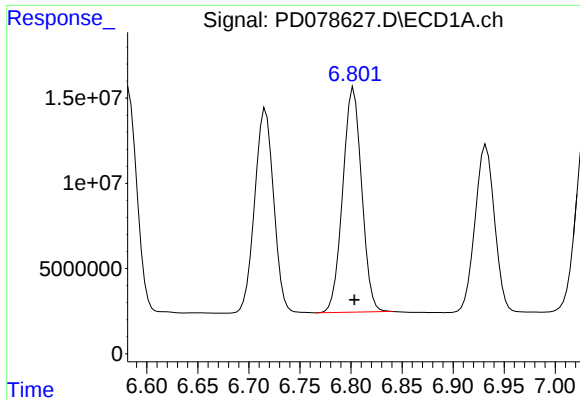
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 171380424
Conc: 51.03 ng/ml



#14 Endrin

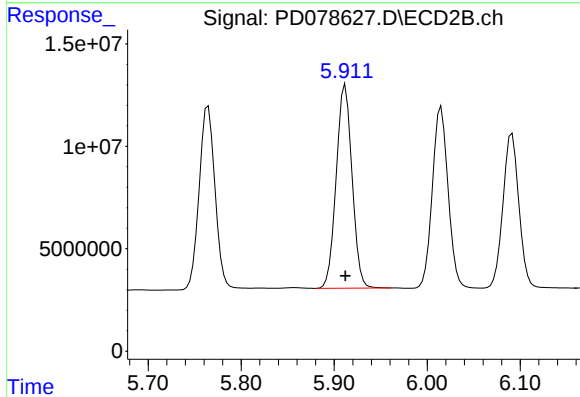
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 123544998
Conc: 49.93 ng/ml



#15 Endosulfan II

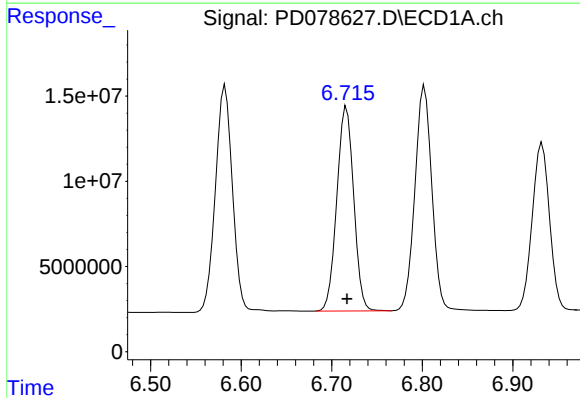
R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 170012700
Conc: 47.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



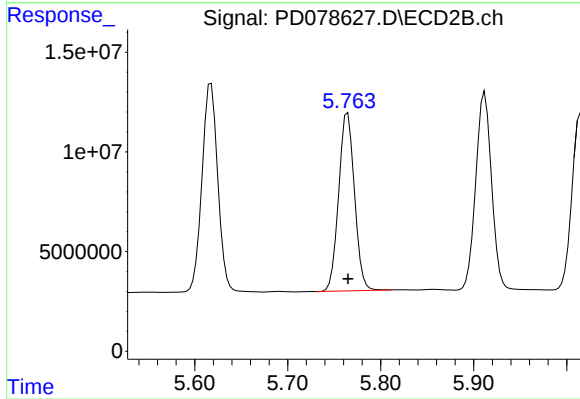
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 117469657
Conc: 49.34 ng/ml



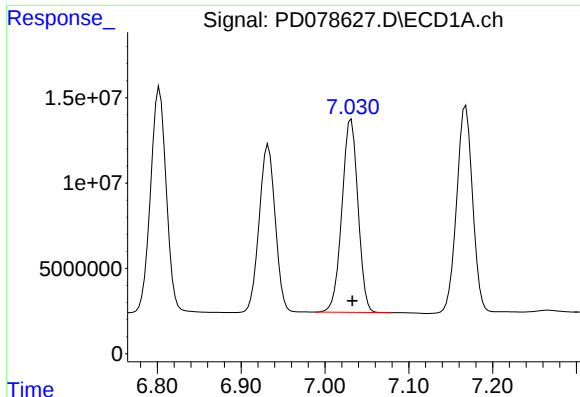
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 155370368
Conc: 52.22 ng/ml



#16 4,4'-DDD

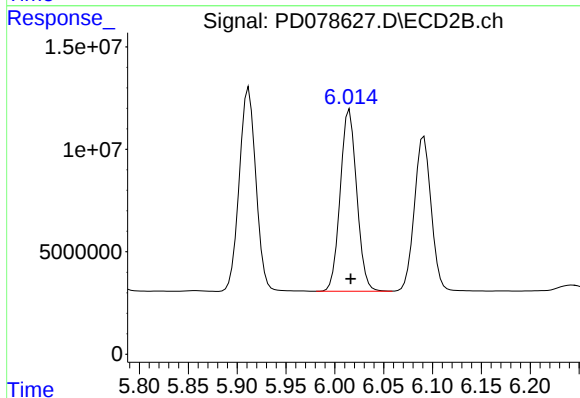
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 105465022
Conc: 53.30 ng/ml



#17 4,4'-DDT

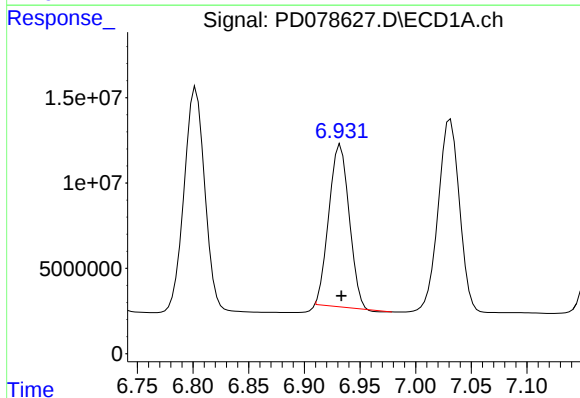
R.T.: 7.031 min
Delta R.T.: -0.001 min
Response: 150805175
Conc: 50.96 ng/ml

Instrument :
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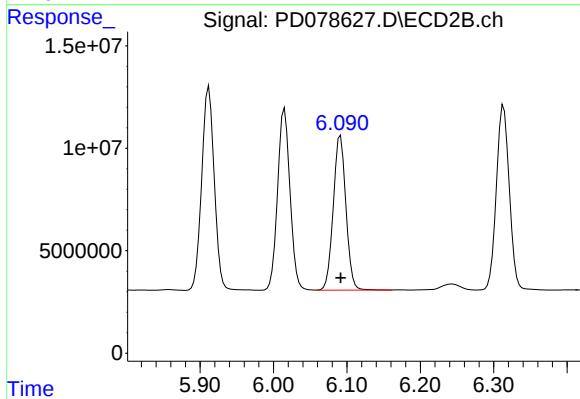
#17 4,4'-DDT

R.T.: 6.015 min
Delta R.T.: -0.001 min
Response: 104397875
Conc: 51.29 ng/ml



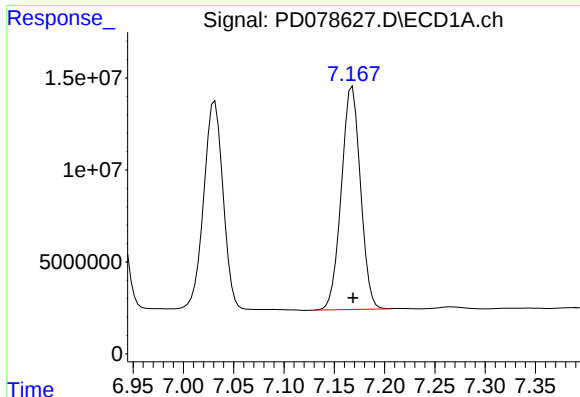
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 119467114
Conc: 44.72 ng/ml



#18 Endrin aldehyde

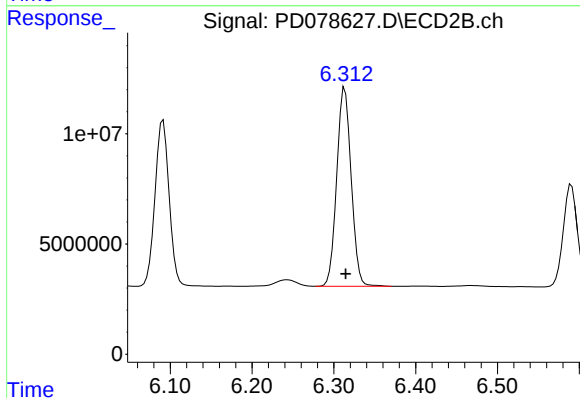
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 90210015
Conc: 48.66 ng/ml



#19 Endosulfan Sulfate

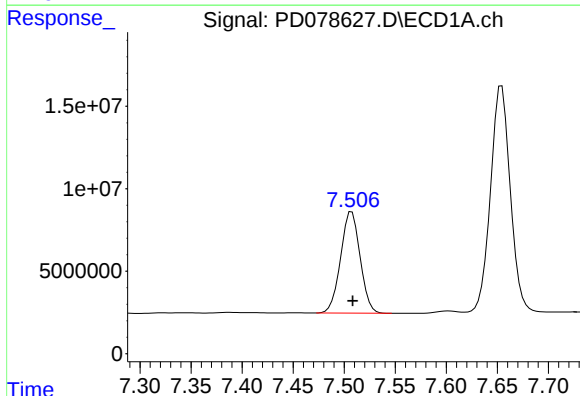
R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 160245472
Conc: 49.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



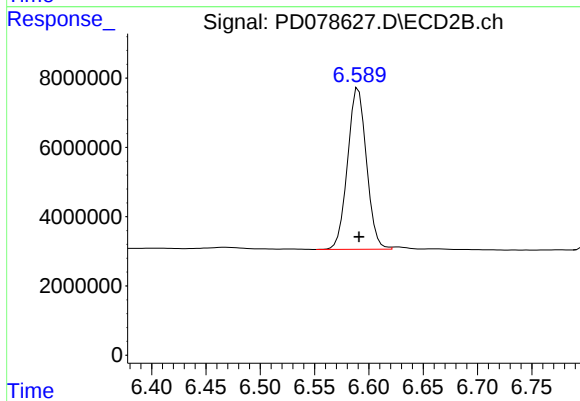
#19 Endosulfan Sulfate

R.T.: 6.313 min
Delta R.T.: -0.001 min
Response: 110506641
Conc: 49.81 ng/ml



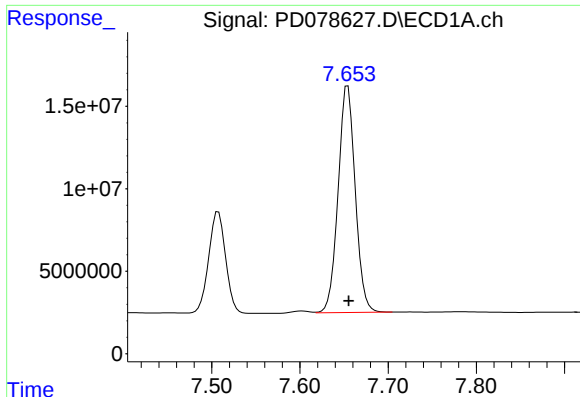
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 81699804
Conc: 48.95 ng/ml



#20 Methoxychlor

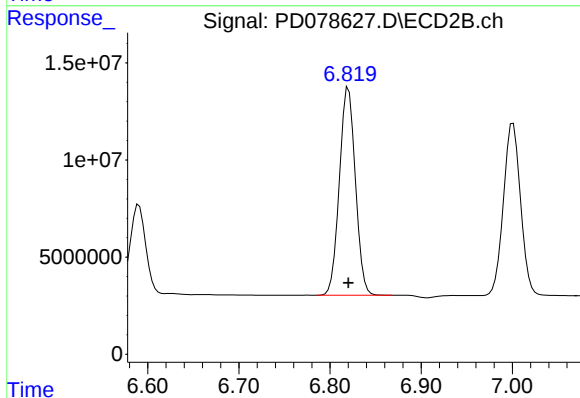
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 56325842
Conc: 51.63 ng/ml



#21 Endrin ketone

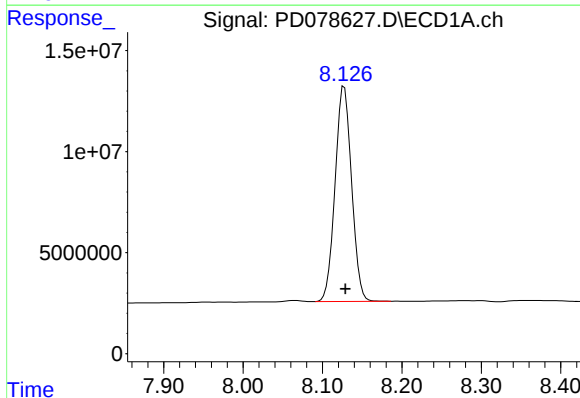
R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 185175445
Conc: 51.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



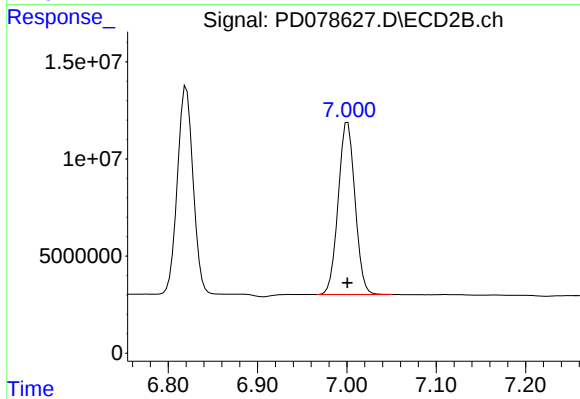
#21 Endrin ketone

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 130467085
Conc: 49.71 ng/ml



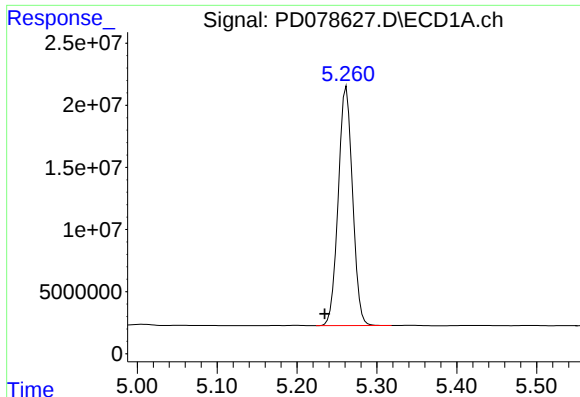
#22 Mirex

R.T.: 8.127 min
Delta R.T.: -0.002 min
Response: 153668766
Conc: 57.53 ng/ml



#22 Mirex

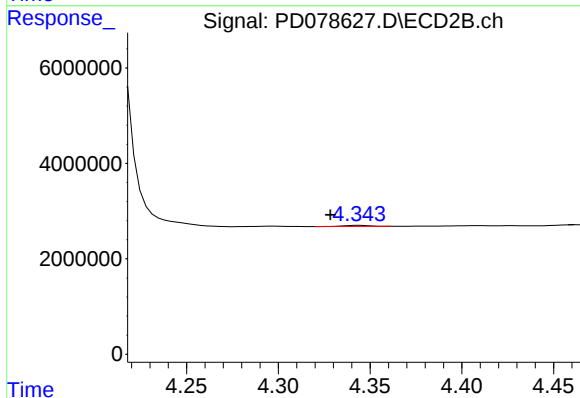
R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 115749954
Conc: 56.80 ng/ml



#24 Chlordane-2

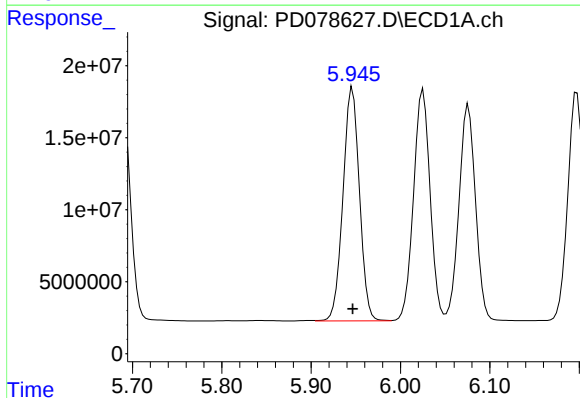
R.T.: 5.262 min
Delta R.T.: 0.027 min
Response: 239135723
Conc: 1676.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



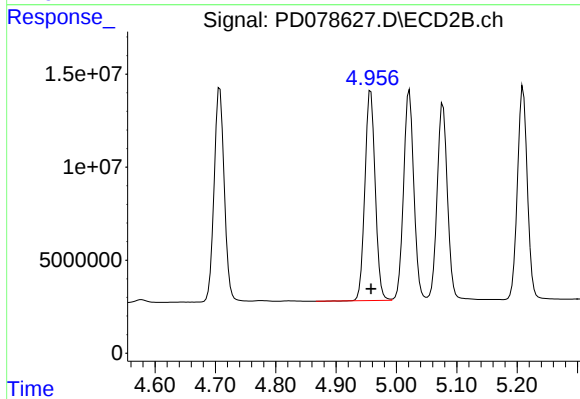
#24 Chlordane-2

R.T.: 4.344 min
Delta R.T.: 0.016 min
Response: 241982
Conc: 3.12 ng/ml



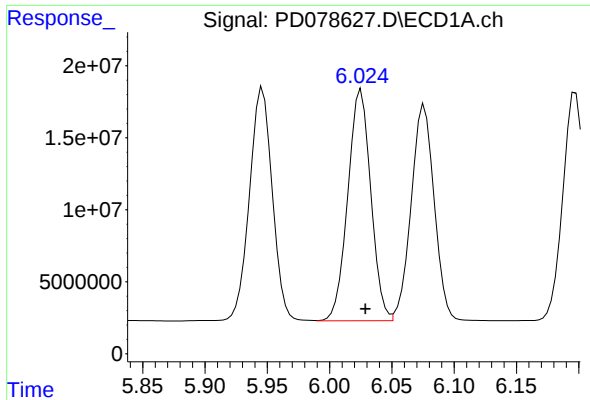
#25 Chlordane-3

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 207529207
Conc: 354.73 ng/ml



#25 Chlordane-3

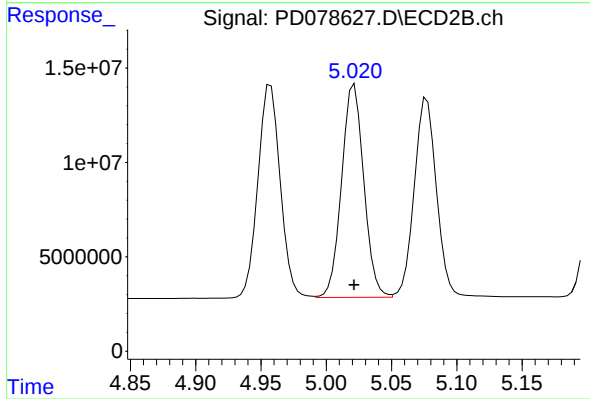
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 134177769
Conc: 520.77 ng/ml



#26 Chlordane-4

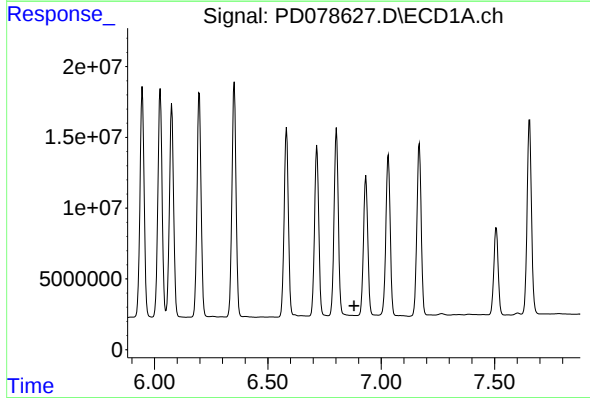
R.T.: 6.025 min
Delta R.T.: -0.004 min
Response: 207193775
Conc: 292.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



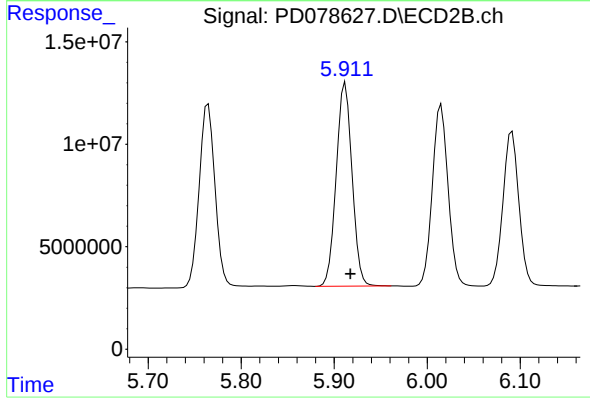
#26 Chlordane-4

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 133564267
Conc: 531.84 ng/ml



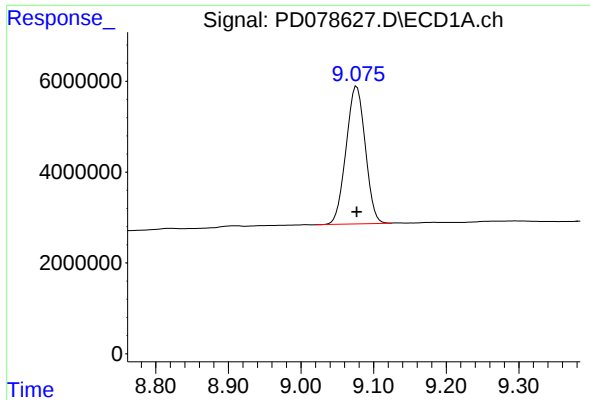
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.881 min
Response: 0
Conc: N.D.



#27 Chlordane-5

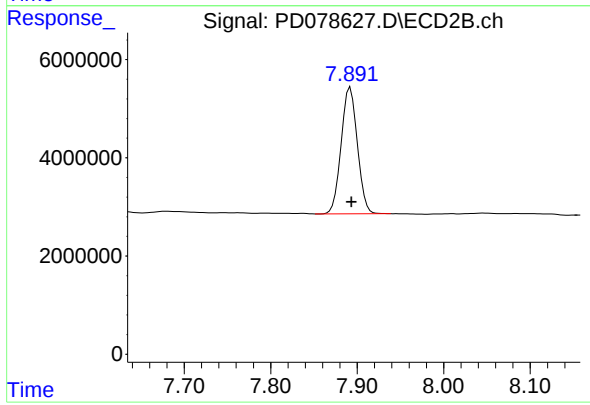
R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 117469657
Conc: 1367.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 55702512
Conc: 15.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PP-20230928-B6A-0-7.5MS



#28 Decachlorobiphenyl

R.T.: 7.892 min
Delta R.T.: -0.001 min
Response: 33306876
Conc: 14.68 ng/ml