

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032219\
 Data File : PD051976.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Mar 2019 21:26
 Operator : AJ\SJ
 Sample : K2013-01MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PST-026-B123-031819MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 23:21:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.222	4.044	23324976	510.5E6	17.591	17.803
28)	SA Decachlor...	7.824	9.161	16422126	291.8E6	14.448	15.973
Target Compounds							
2)	A alpha-BHC	3.643	4.437	101.9E6	1999.6E6	46.436	45.830
3)	MA gamma-BHC...	3.911	4.724	98338098	1827.8E6	47.068	46.147
4)	MA Heptachlor	4.188	5.238	97944058	1745.2E6	45.653	45.509
5)	MB Aldrin	4.421	5.545	95989146	1633.1E6	47.154	45.595
6)	B beta-BHC	4.157	4.894	40485899	807.4E6	45.981	44.924
7)	B delta-BHC	4.346	5.114	92731281	1221.7E6	45.729	35.551
8)	B Heptachlo...	4.848	5.933	98830880	1266.4E6	50.270	39.493
9)	A Endosulfan I	5.170	6.293	90489679	1394.1E6	48.827	47.024
10)	B gamma-Chl...	5.066	6.168	118.5E6	1667.2E6	58.479	52.135
11)	B alpha-Chl...	5.122	6.242	110.5E6	1884.0E6	54.984	59.444
12)	B 4,4'-DDE	5.291	6.398	92333639	1420.2E6	49.288	45.916
13)	MA Dieldrin	5.406	6.551	100.5E6	1453.8E6	49.985	47.115
14)	MA Endrin	5.652	6.770	92377000	1236.4E6	48.216	47.350
15)	B Endosulfa...	5.923	6.979	86315024	1212.0E6	47.896	47.050
16)	A 4,4'-DDD	5.793	6.890	73967036	1223.8E6	46.980	49.826
17)	MA 4,4'-DDT	6.024	7.190	79094073	1048.3E6	49.505	51.750
18)	B Endrin al...	6.089	7.104	67549818	927.7E6	45.667	43.270
19)	B Endosulfa...	6.298	7.328	74835386	1105.9E6	45.264	47.180
20)	A Methoxychlor	6.570	7.649	40745043	530.6E6	45.880	48.205
21)	B Endrin ke...	6.773	7.802	84317169	1107.0E6	45.550	49.000
22)	Mirex	6.942	8.260	52786940	639.6E6	41.963	41.331
23)	Chlordane-1	0.000	5.044	0	10665231	N.D.	6.965 #
24)	Chlordane-2	4.529	5.545f	614681	1633.1E6	7.854	1151.703 #
25)	Chlordane-3	5.066	6.168	118.5E6	1667.2E6	509.146	374.397 #
26)	Chlordane-4	5.122	6.242	110.5E6	1884.0E6	494.198	359.744 #
27)	Chlordane-5	5.923	7.051	86315024	13369501	1201.713	13.198 #

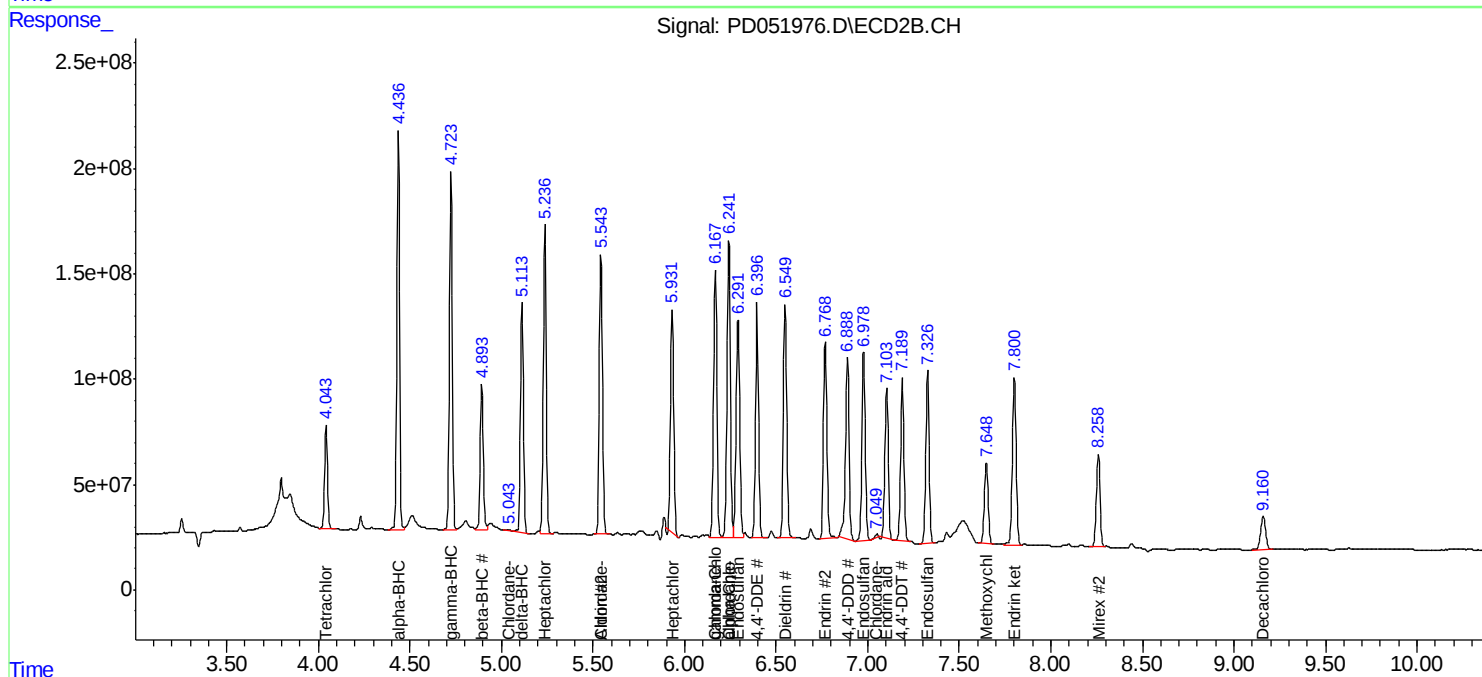
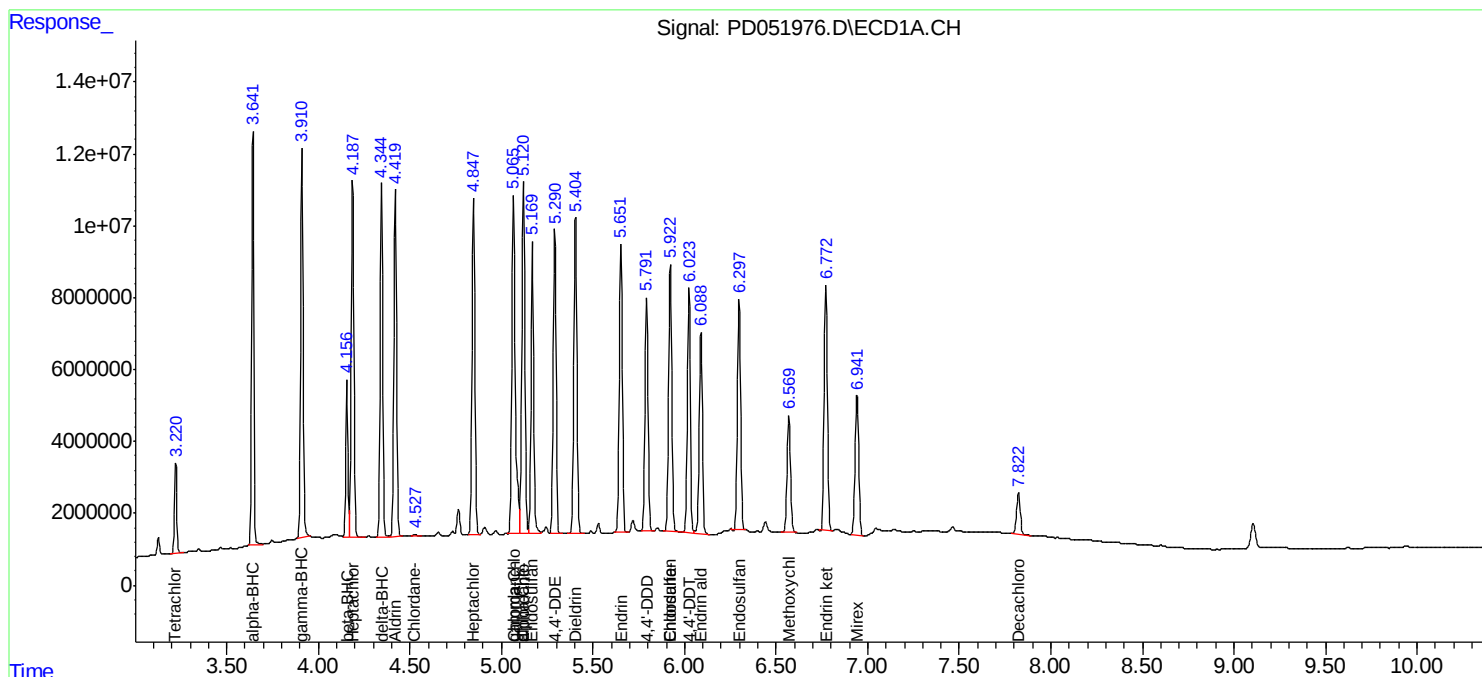
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

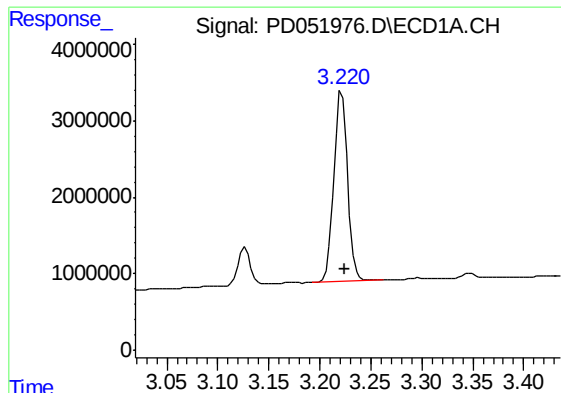
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032219\
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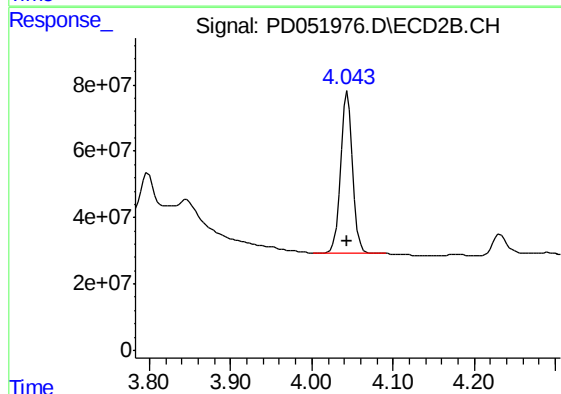




#1 Tetrachloro-m-xylene

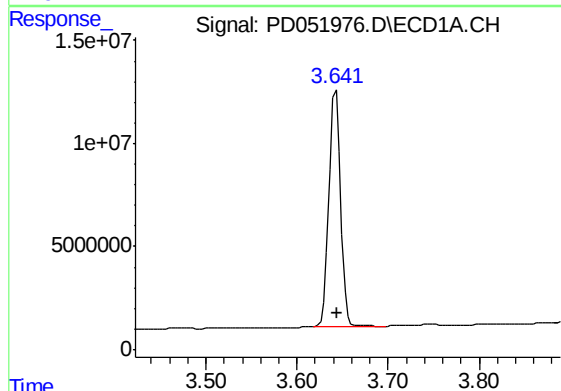
R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 23324976
Conc: 17.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



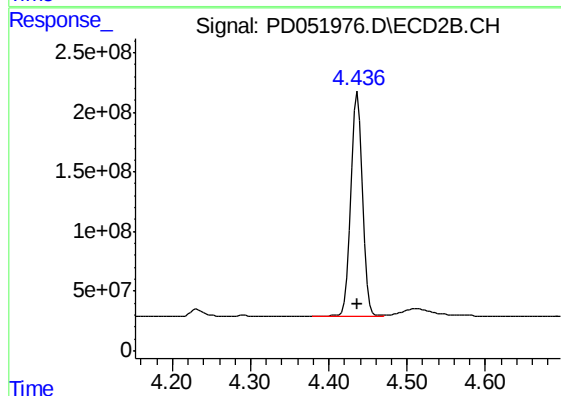
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 510527065
Conc: 17.80 ng/ml



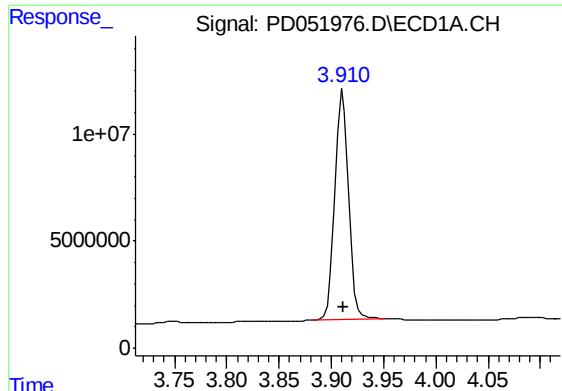
#2 alpha-BHC

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 101935369
Conc: 46.44 ng/ml



#2 alpha-BHC

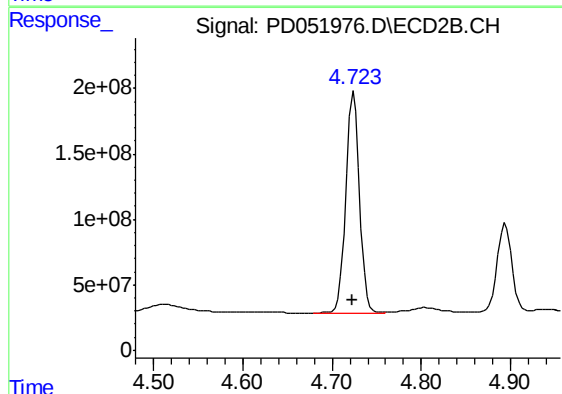
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 1999572609
Conc: 45.83 ng/ml



#3 gamma-BHC (Lindane)

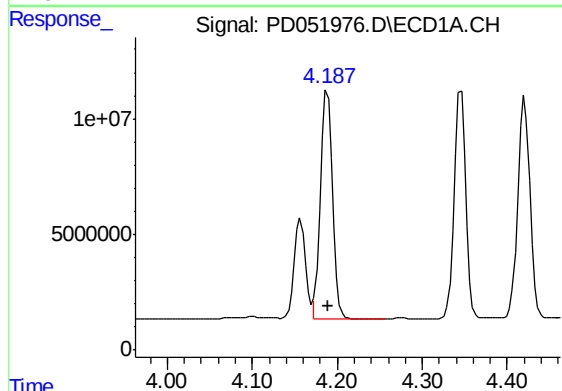
R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 98338098
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



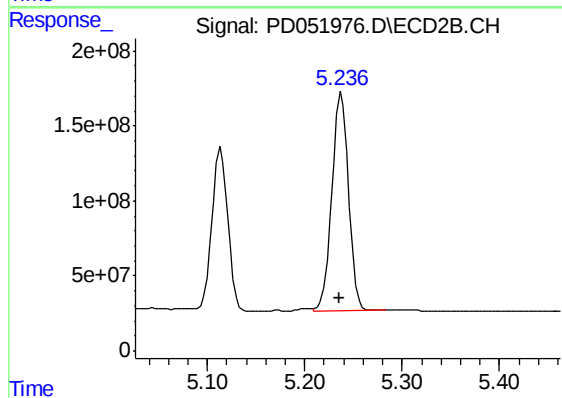
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.001 min
Response: 1827762379
Conc: 46.15 ng/ml



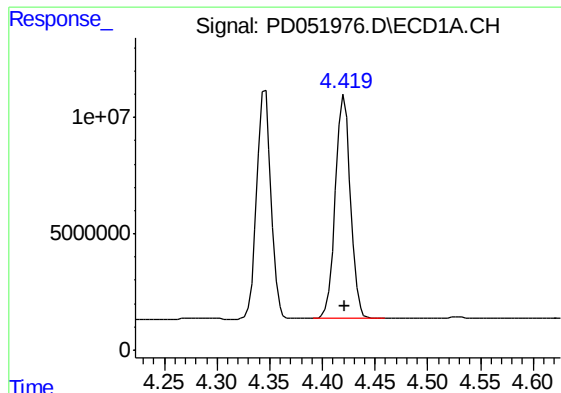
#4 Heptachlor

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 97944058
Conc: 45.65 ng/ml



#4 Heptachlor

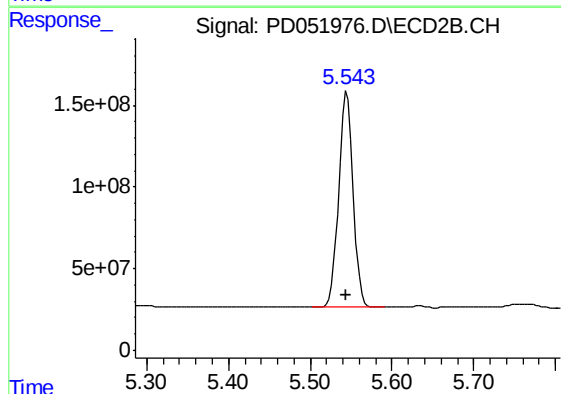
R.T.: 5.238 min
Delta R.T.: 0.002 min
Response: 1745240318
Conc: 45.51 ng/ml



#5 Aldrin

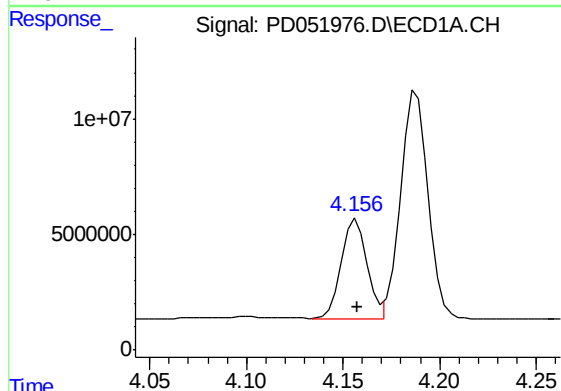
R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 95989146
Conc: 47.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



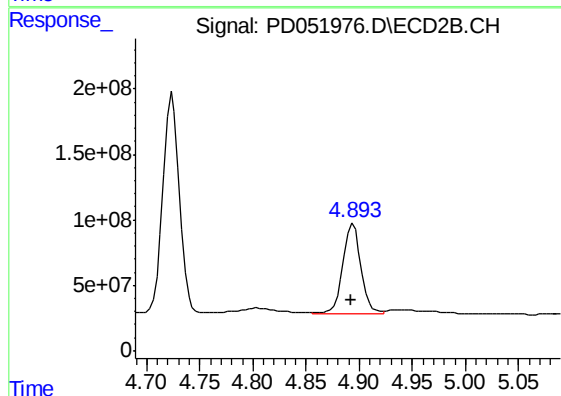
#5 Aldrin

R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 1633104194
Conc: 45.59 ng/ml



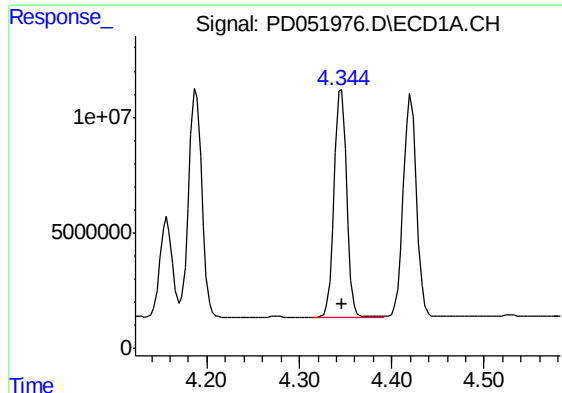
#6 beta-BHC

R.T.: 4.157 min
Delta R.T.: 0.000 min
Response: 40485899
Conc: 45.98 ng/ml



#6 beta-BHC

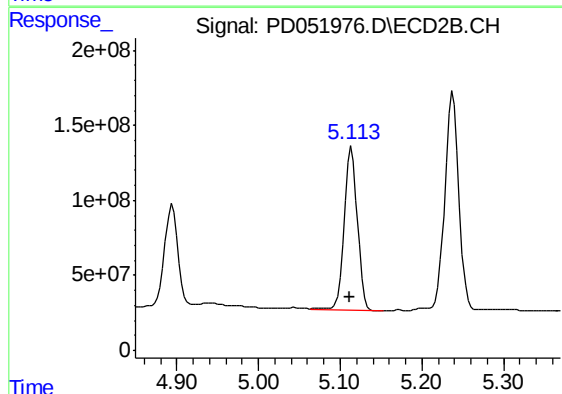
R.T.: 4.894 min
Delta R.T.: 0.002 min
Response: 807424912
Conc: 44.92 ng/ml



#7 delta-BHC

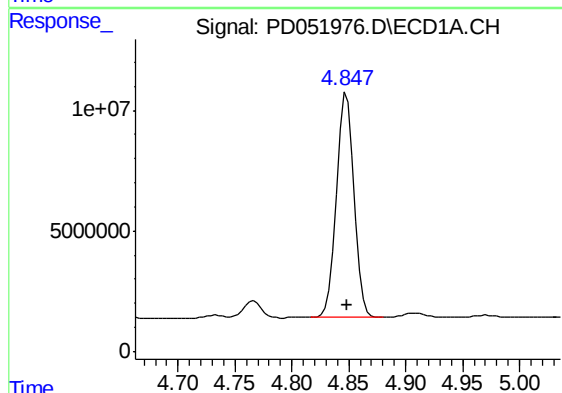
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 92731281
Conc: 45.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



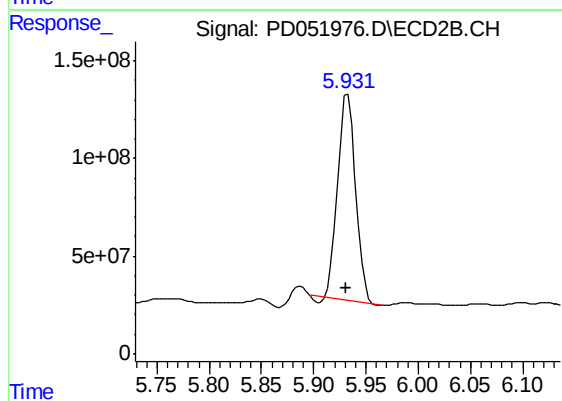
#7 delta-BHC

R.T.: 5.114 min
Delta R.T.: 0.002 min
Response: 1221744858
Conc: 35.55 ng/ml



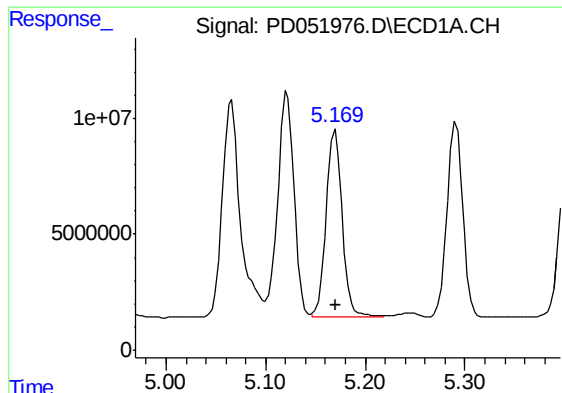
#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 98830880
Conc: 50.27 ng/ml



#8 Heptachlor epoxide

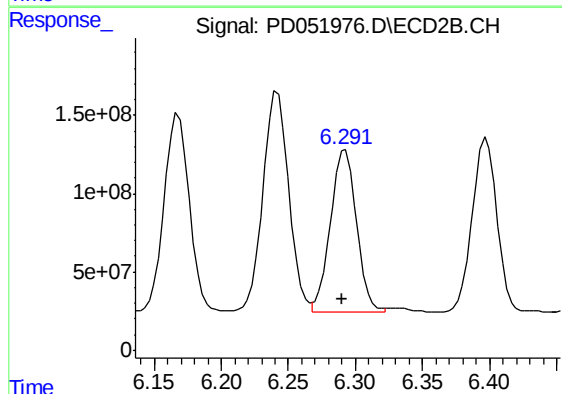
R.T.: 5.933 min
Delta R.T.: 0.002 min
Response: 1266360277
Conc: 39.49 ng/ml



#9 Endosulfan I

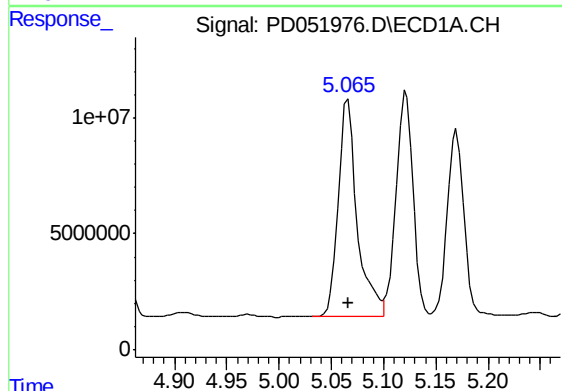
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 90489679
Conc: 48.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



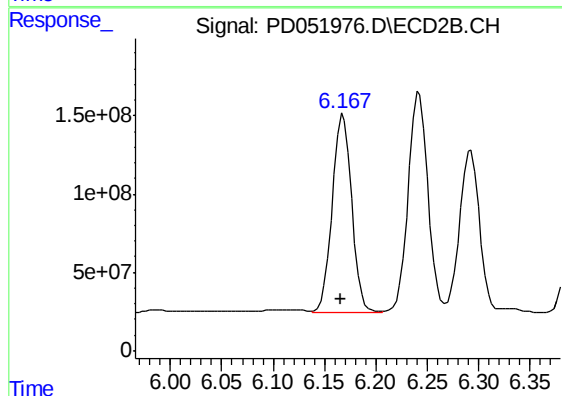
#9 Endosulfan I

R.T.: 6.293 min
Delta R.T.: 0.003 min
Response: 1394074011
Conc: 47.02 ng/ml



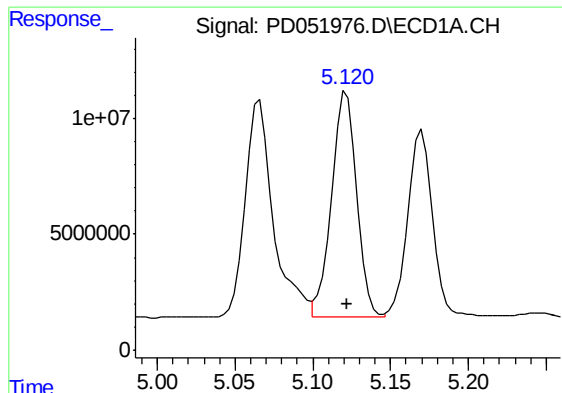
#10 gamma-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 118498597
Conc: 58.48 ng/ml



#10 gamma-Chlordane

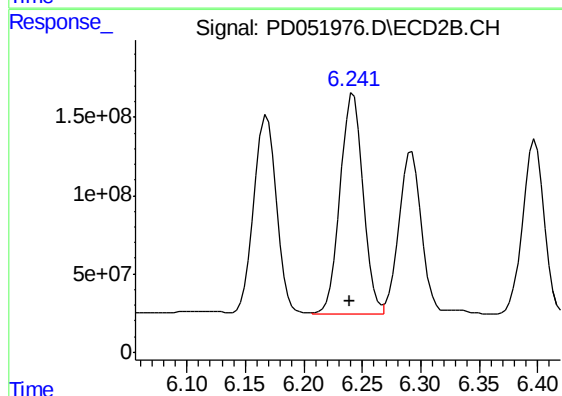
R.T.: 6.168 min
Delta R.T.: 0.002 min
Response: 1667230566
Conc: 52.13 ng/ml



#11 alpha-Chlordane

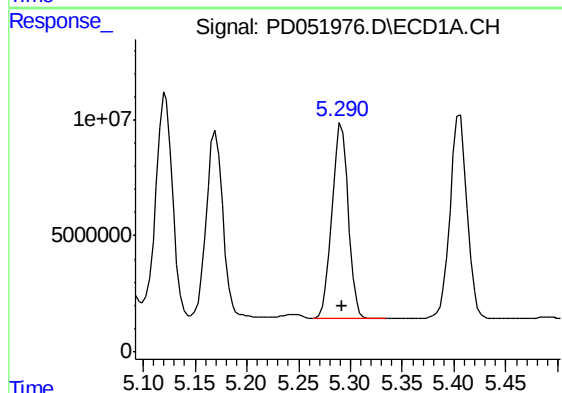
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 110506031
Conc: 54.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



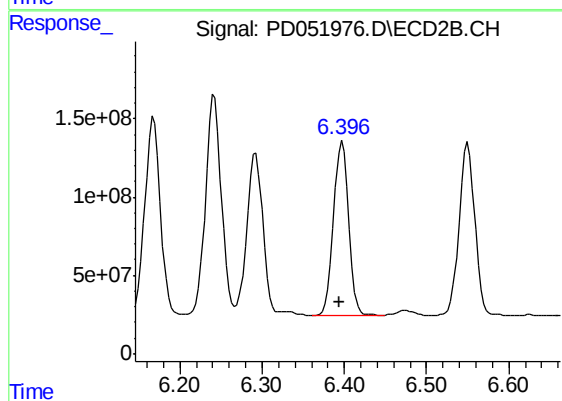
#11 alpha-Chlordane

R.T.: 6.242 min
Delta R.T.: 0.002 min
Response: 1884003098
Conc: 59.44 ng/ml



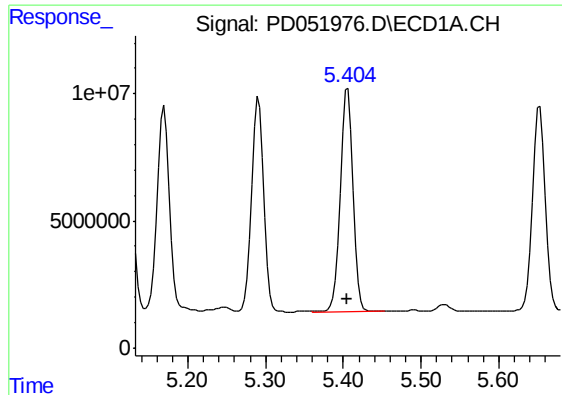
#12 4,4'-DDE

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 92333639
Conc: 49.29 ng/ml



#12 4,4'-DDE

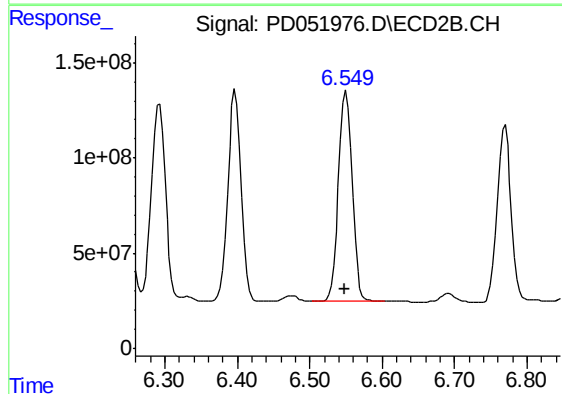
R.T.: 6.398 min
Delta R.T.: 0.003 min
Response: 1420165866
Conc: 45.92 ng/ml



#13 Dielddrin

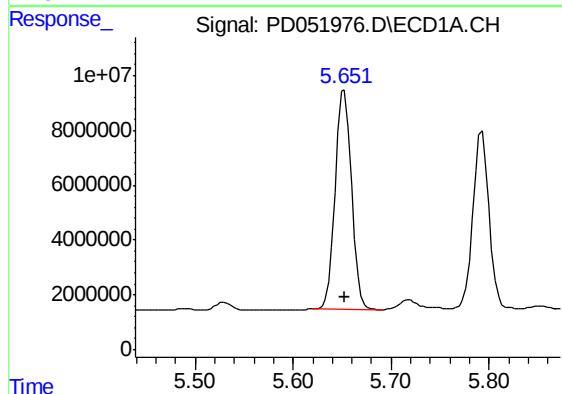
R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 100485782
Conc: 49.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



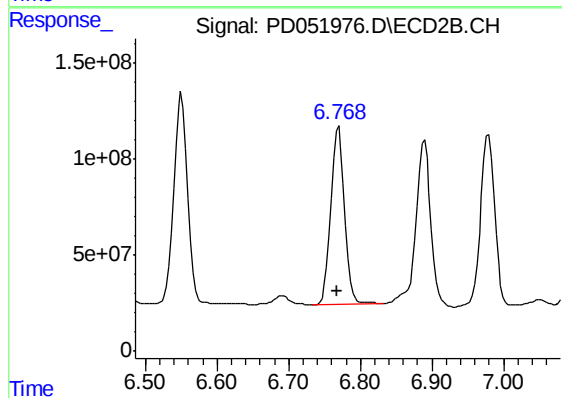
#13 Dielddrin

R.T.: 6.551 min
Delta R.T.: 0.003 min
Response: 1453758004
Conc: 47.11 ng/ml



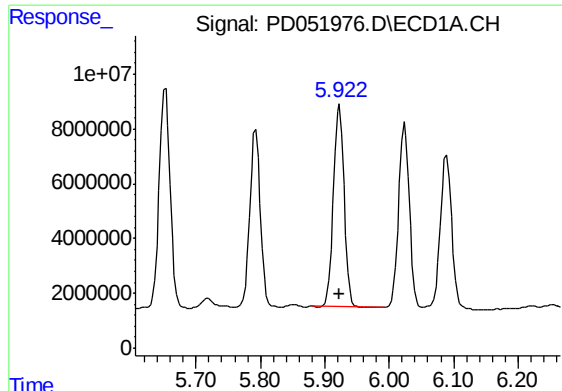
#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 92377000
Conc: 48.22 ng/ml



#14 Endrin

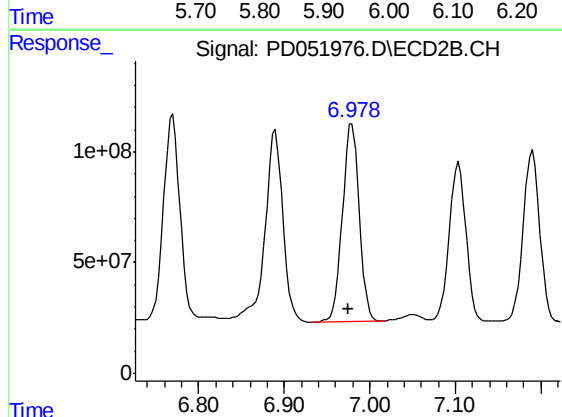
R.T.: 6.770 min
Delta R.T.: 0.003 min
Response: 1236411085
Conc: 47.35 ng/ml



#15 Endosulfan II

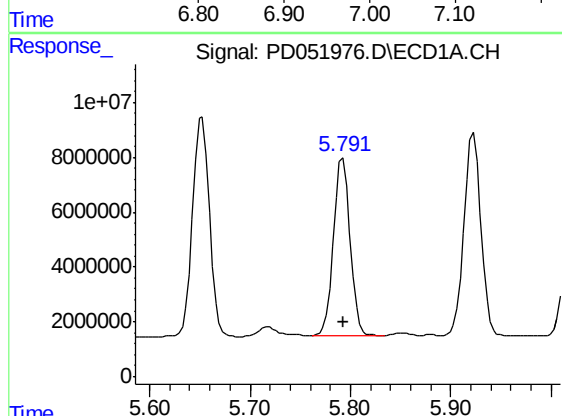
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 86315024
Conc: 47.90 ng/ml

Instrument :
ECD_D
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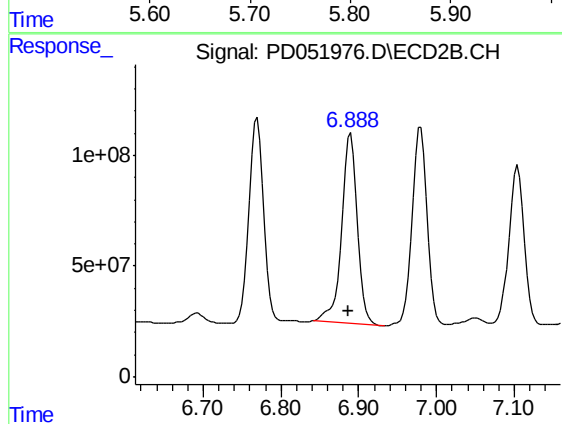
#15 Endosulfan II

R.T.: 6.979 min
Delta R.T.: 0.004 min
Response: 1211978780
Conc: 47.05 ng/ml



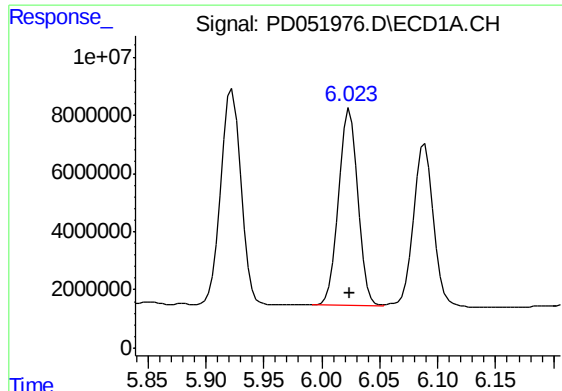
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 73967036
Conc: 46.98 ng/ml



#16 4,4'-DDD

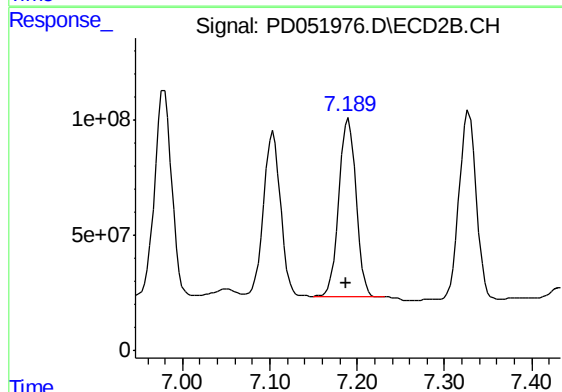
R.T.: 6.890 min
Delta R.T.: 0.003 min
Response: 1223807361
Conc: 49.83 ng/ml



#17 4,4'-DDT

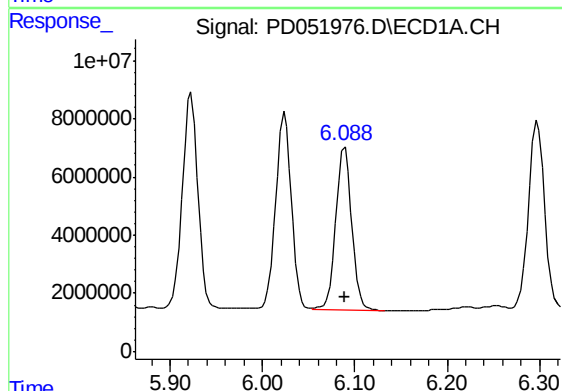
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 79094073
Conc: 49.51 ng/ml

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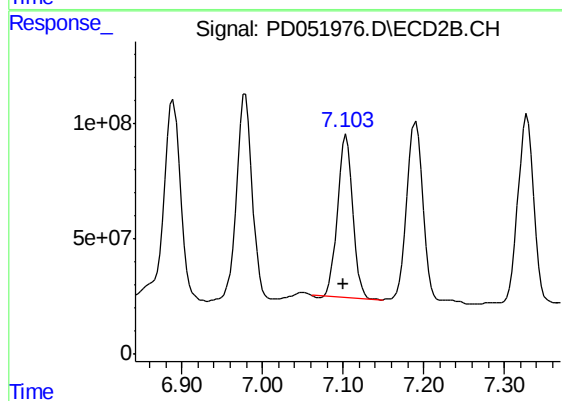
#17 4,4'-DDT

R.T.: 7.190 min
Delta R.T.: 0.004 min
Response: 1048295862
Conc: 51.75 ng/ml



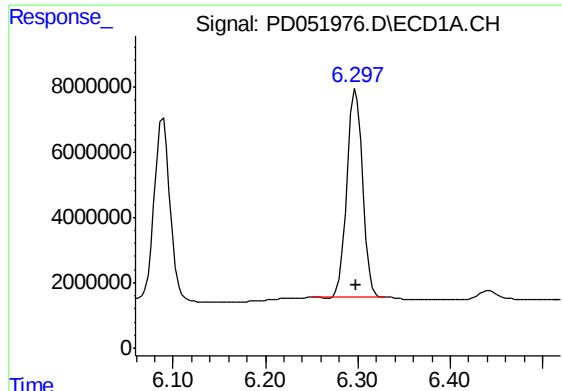
#18 Endrin aldehyde

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 67549818
Conc: 45.67 ng/ml



#18 Endrin aldehyde

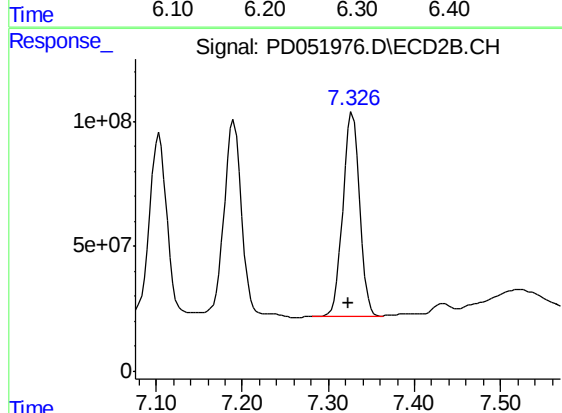
R.T.: 7.104 min
Delta R.T.: 0.004 min
Response: 927727432
Conc: 43.27 ng/ml



#19 Endosulfan Sulfate

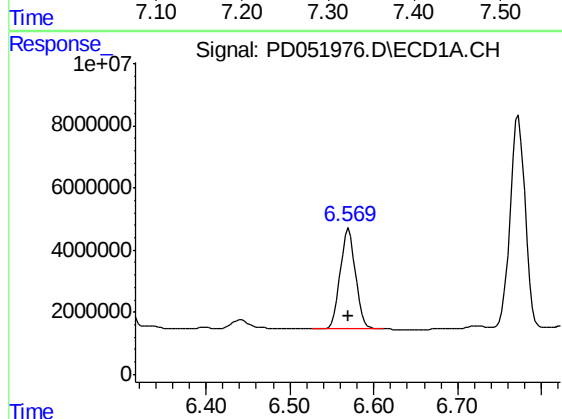
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 74835386
Conc: 45.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



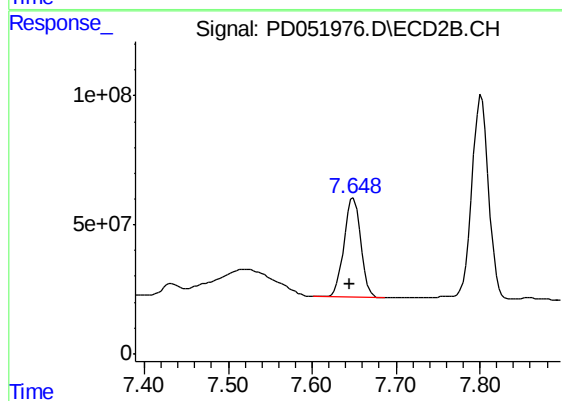
#19 Endosulfan Sulfate

R.T.: 7.328 min
Delta R.T.: 0.004 min
Response: 1105920438
Conc: 47.18 ng/ml



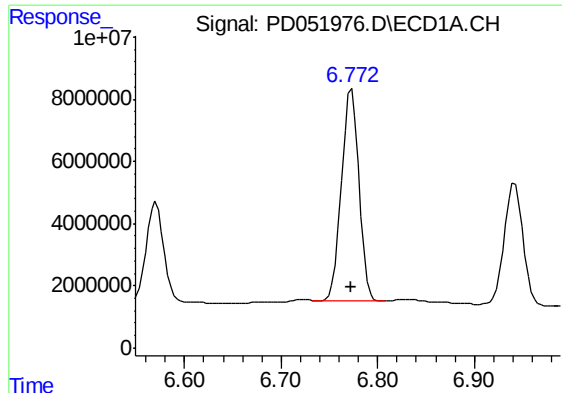
#20 Methoxychlor

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 40745043
Conc: 45.88 ng/ml



#20 Methoxychlor

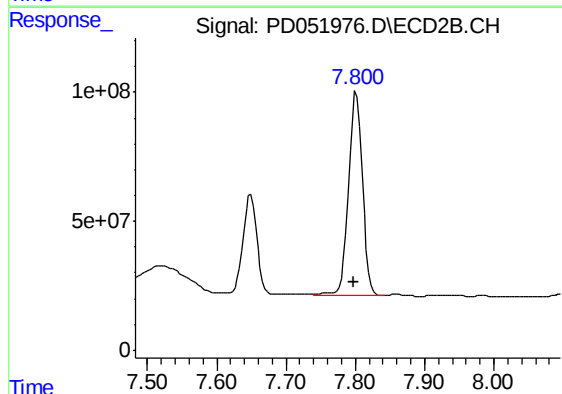
R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 530587035
Conc: 48.21 ng/ml



#21 Endrin ketone

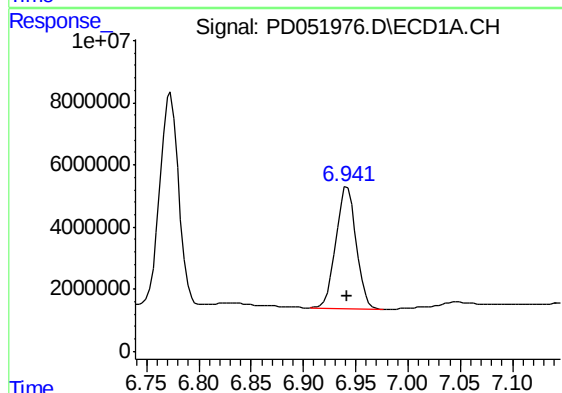
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 84317169
Conc: 45.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



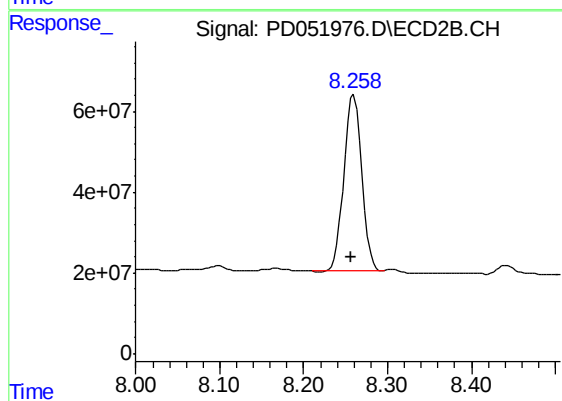
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.004 min
Response: 1107010527
Conc: 49.00 ng/ml



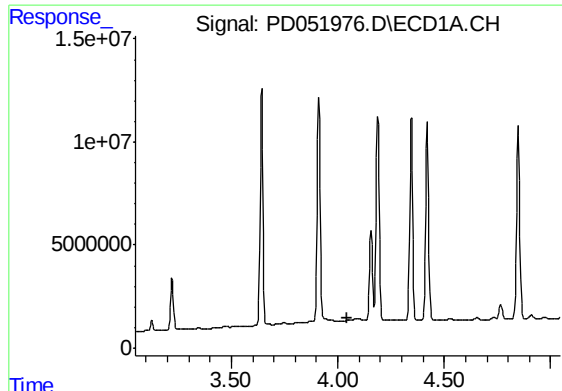
#22 Mirex

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 52786940
Conc: 41.96 ng/ml



#22 Mirex

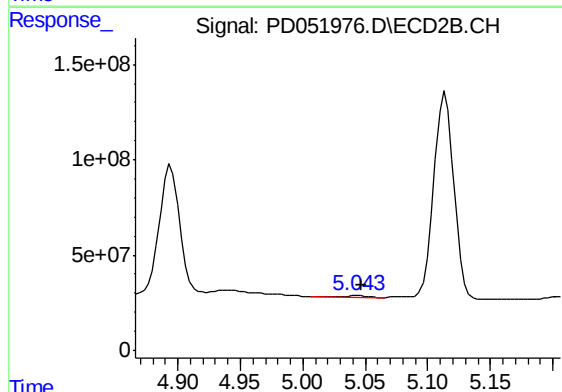
R.T.: 8.260 min
Delta R.T.: 0.004 min
Response: 639585510
Conc: 41.33 ng/ml



#23 Chlordane-1

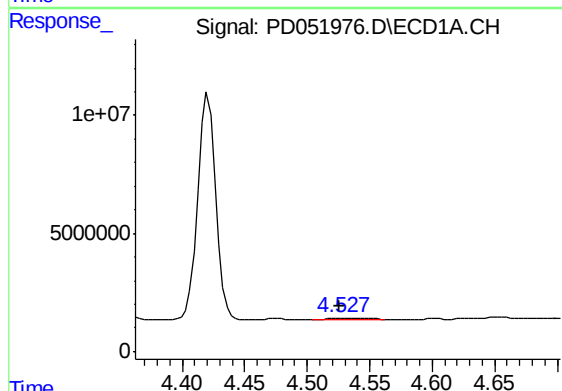
R.T.: 0.000 min
Exp R.T.: 4.046 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



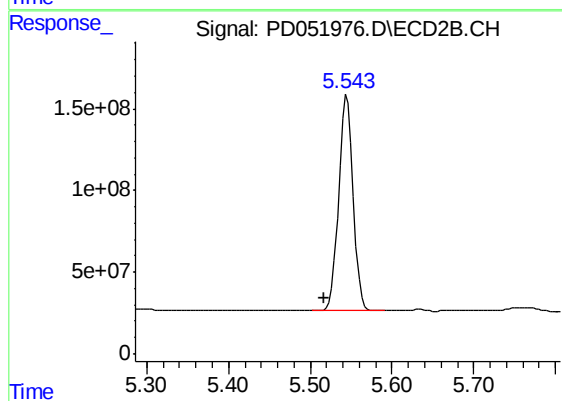
#23 Chlordane-1

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 10665231
Conc: 6.97 ng/ml



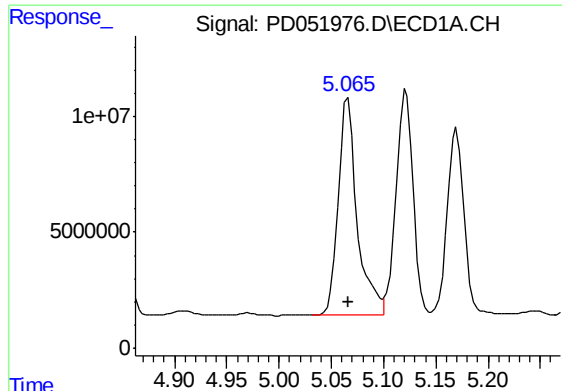
#24 Chlordane-2

R.T.: 4.529 min
Delta R.T.: 0.003 min
Response: 614681
Conc: 7.85 ng/ml



#24 Chlordane-2

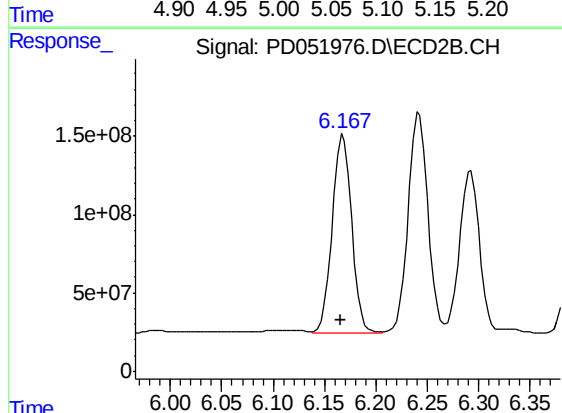
R.T.: 5.545 min
Delta R.T.: 0.028 min
Response: 1633104194
Conc: 1151.70 ng/ml



#25 Chlordane-3

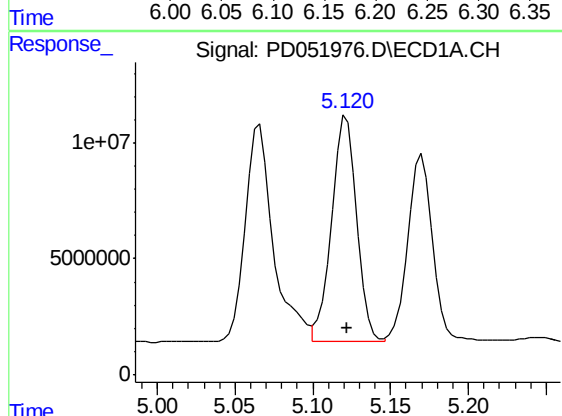
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 118498597
Conc: 509.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



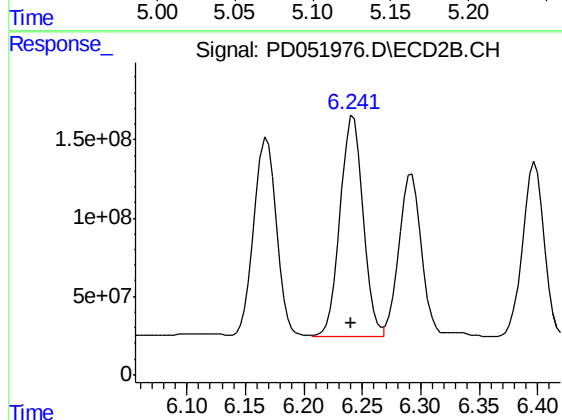
#25 Chlordane-3

R.T.: 6.168 min
Delta R.T.: 0.002 min
Response: 1667230566
Conc: 374.40 ng/ml



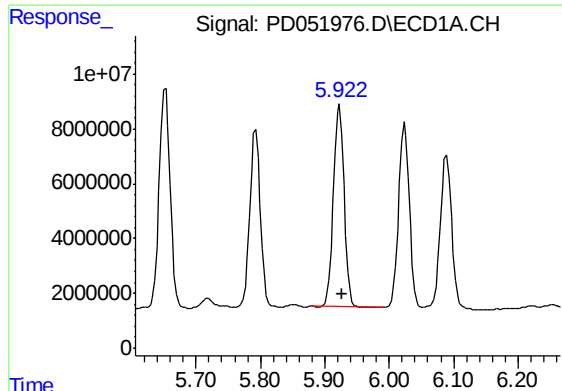
#26 Chlordane-4

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 110506031
Conc: 494.20 ng/ml



#26 Chlordane-4

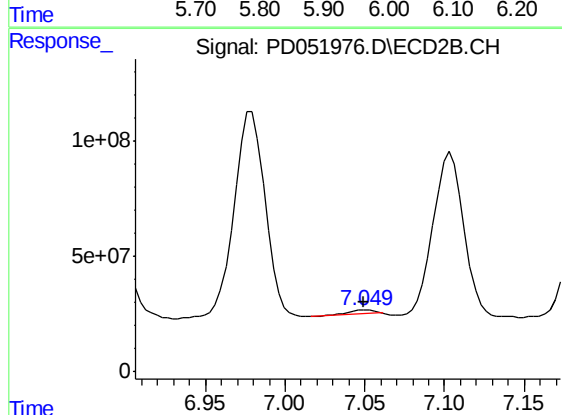
R.T.: 6.242 min
Delta R.T.: 0.001 min
Response: 1884003098
Conc: 359.74 ng/ml



#27 Chlordane-5

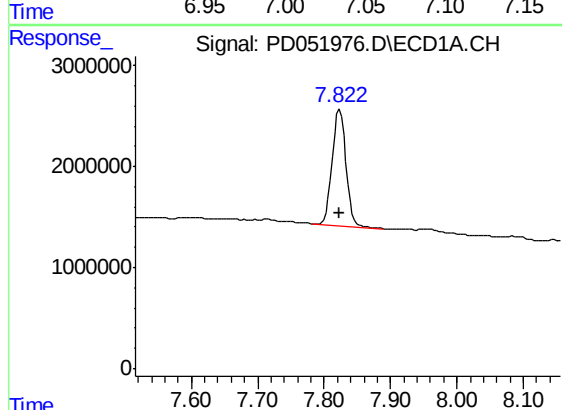
R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 86315024
Conc: 1201.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MS



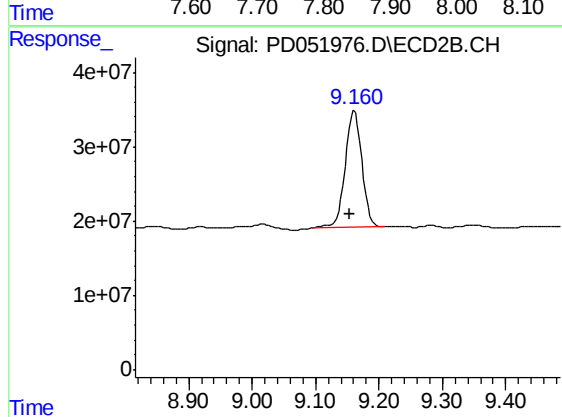
#27 Chlordane-5

R.T.: 7.051 min
Delta R.T.: 0.002 min
Response: 13369501
Conc: 13.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 16422126
Conc: 14.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.161 min
Delta R.T.: 0.006 min
Response: 291776443
Conc: 15.97 ng/ml