

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
 Data File : PD052998.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Apr 2019 10:30
 Operator : AJ\SJ
 Sample : K2193-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HR-05-041719-AMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 03:28:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 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...	3.221	4.041	31726891	702.1E6	22.736	24.224
28)	SA Decachlor...	7.818	9.162	26943767	354.2E6	20.217	22.774
Target Compounds							
2)	A alpha-BHC	3.641	4.434	142.9E6	2451.4E6	62.874	54.463
3)	MA gamma-BHC...	3.909	4.721	133.1E6	2227.0E6	60.869	55.357
4)	MA Heptachlor	4.186	5.234	139.3E6	2155.2E6	65.594	54.321
5)	MB Aldrin	4.418	5.541	132.4E6	2017.0E6	65.739	54.474
6)	B beta-BHC	4.155	4.892	54048948	981.6E6	61.237	54.247
7)	B delta-BHC	4.344	5.111	95927011	1188.2E6	47.031	36.108
8)	B Heptachlo...	4.845	5.928	122.3E6	1559.8E6	64.326	48.322
9)	A Endosulfan I	5.167	6.288	112.7E6	1627.2E6	63.052	55.699
10)	B gamma-Chl...	5.063	6.164	124.8E6	1831.5E6	63.998	57.244
11)	B alpha-Chl...	5.118	6.238	122.0E6	1750.2E6	63.235	55.758
12)	B 4,4'-DDE	5.288	6.394	115.8E6	1710.1E6	62.106	56.017
13)	MA Dieldrin	5.402	6.547	122.6E6	1716.4E6	63.412	57.381
14)	MA Endrin	5.649	6.767	109.2E6	1393.0E6	59.300	55.589
15)	B Endosulfa...	5.919	6.976	101.4E6	1382.8E6	59.098	55.495
16)	A 4,4'-DDD	5.790	6.888	90656316	1340.4E6	59.314	56.045
17)	MA 4,4'-DDT	6.021	7.188	82343887	1097.4E6	57.239	58.890
18)	B Endrin al...	6.086	7.101	82660717	1152.7E6	57.658	55.996
19)	B Endosulfa...	6.294	7.326	88673119	1251.2E6	57.827	56.873
20)	A Methoxychlor	6.567	7.649	45433509	587.1E6	53.779	58.686
21)	B Endrin ke...	6.769	7.800	107.9E6	1256.2E6	59.316	61.310
22)	Mirex	6.937	8.258	78314192	840.8E6	63.928	65.203
24)	Chlordane-2	0.000	5.541f	0	2017.0E6	N.D.	1440.254 #
25)	Chlordane-3	5.063	6.164	124.8E6	1831.5E6	564.306	415.034 #
26)	Chlordane-4	5.118	6.238	122.0E6	1750.2E6	575.445	344.174 #
27)	Chlordane-5	5.919	0.000	101.4E6	0	1559.802	N.D. #

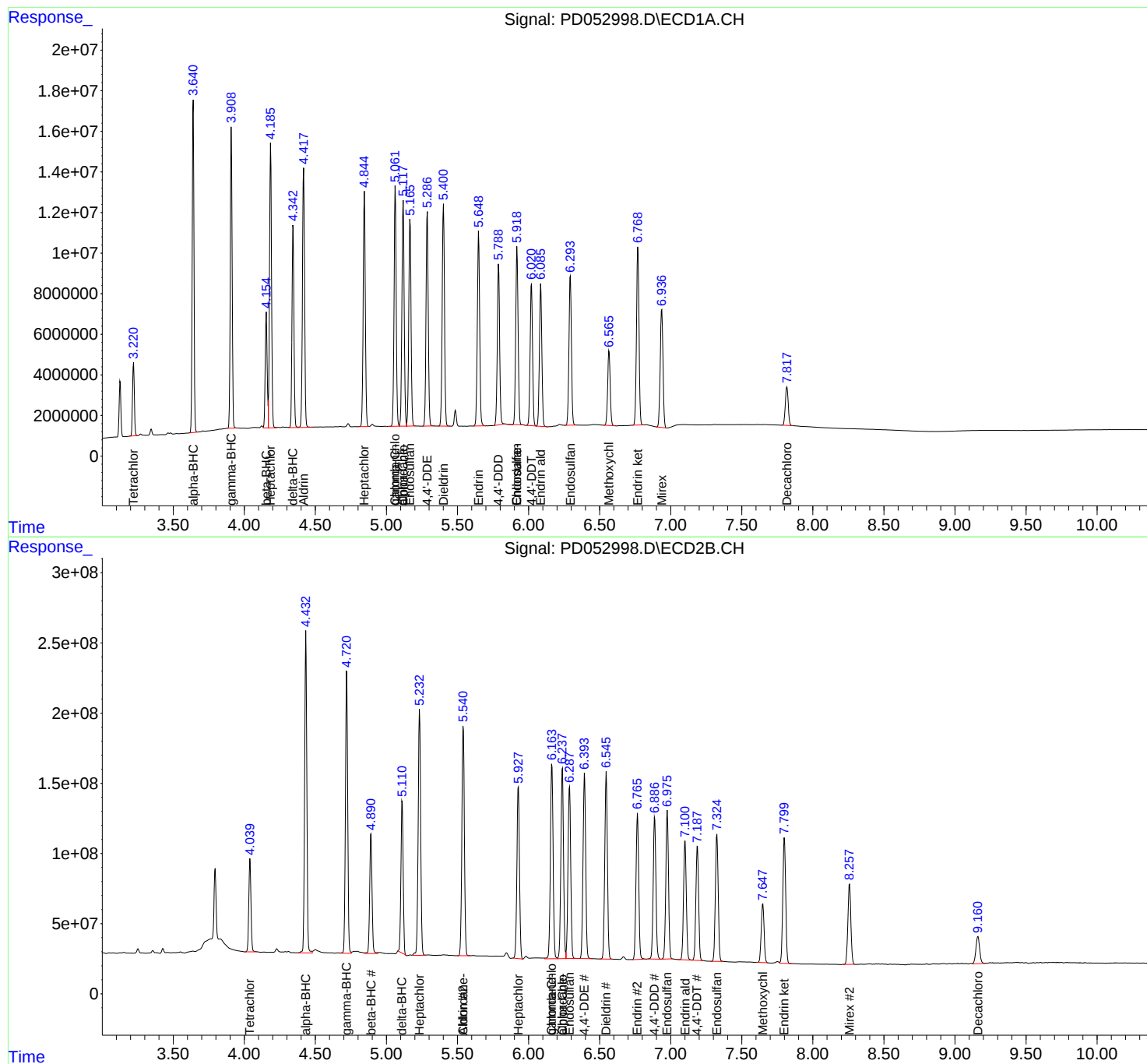
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

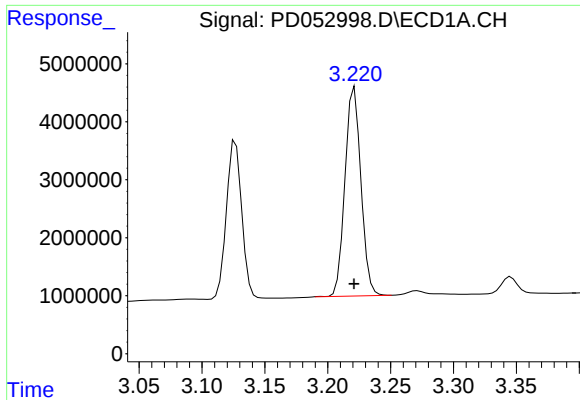
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
Data File : PD052998.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2019 10:30
Operator : AJ\SJ
Sample : K2193-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 03:28:25 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 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

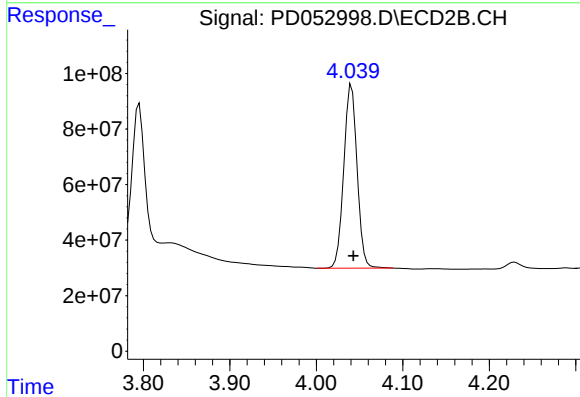




#1 Tetrachloro-m-xylene

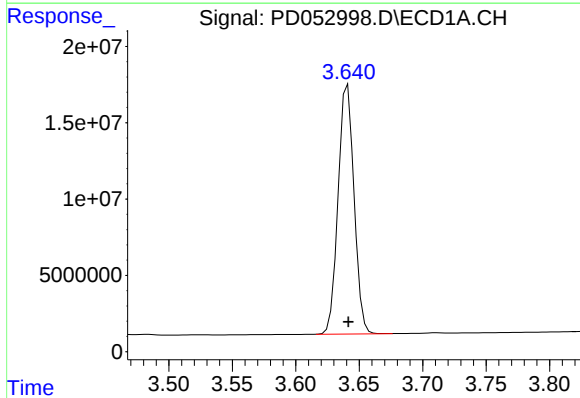
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 31726891
Conc: 22.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



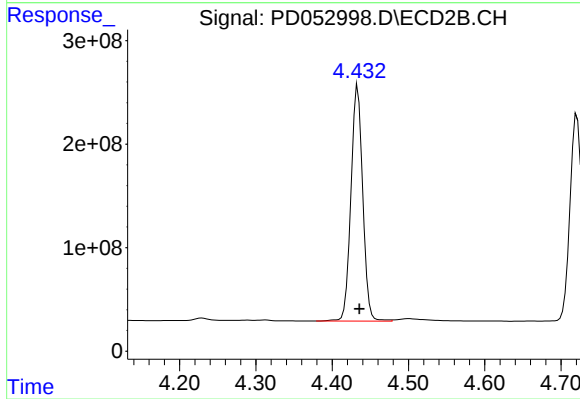
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 702116009
Conc: 24.22 ng/ml



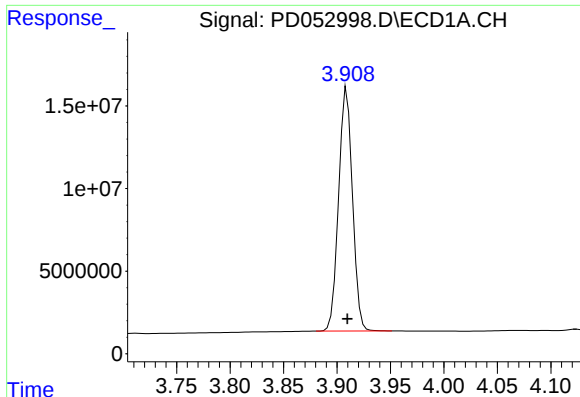
#2 alpha-BHC

R.T.: 3.641 min
Delta R.T.: 0.000 min
Response: 142924571
Conc: 62.87 ng/ml



#2 alpha-BHC

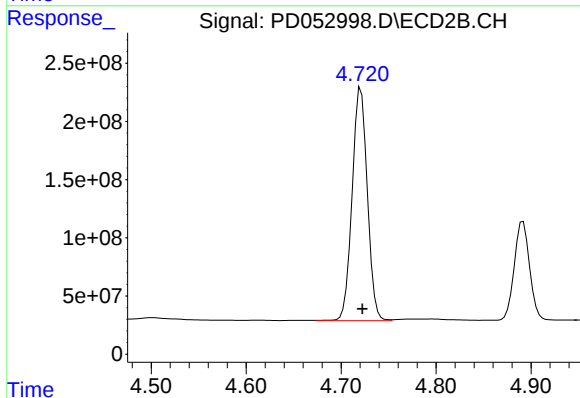
R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 2451359225
Conc: 54.46 ng/ml



#3 gamma-BHC (Lindane)

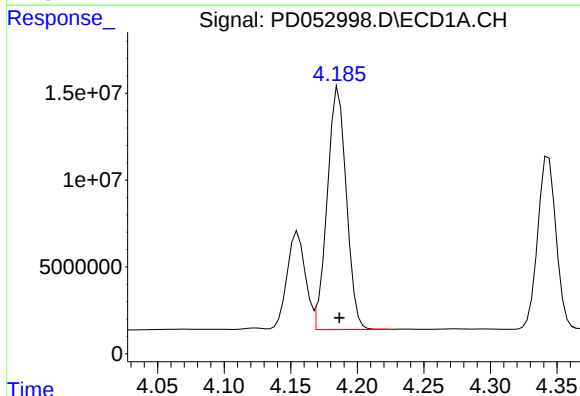
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 133091988
Conc: 60.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



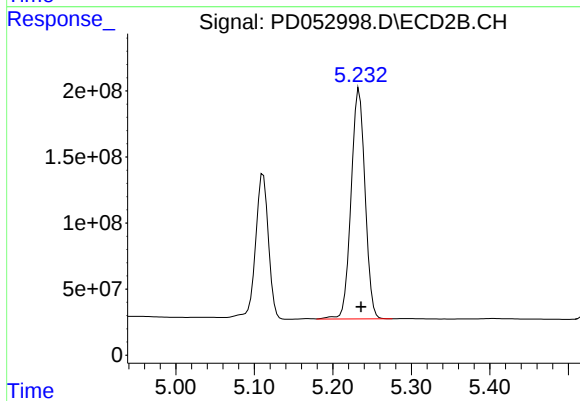
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 2226958167
Conc: 55.36 ng/ml



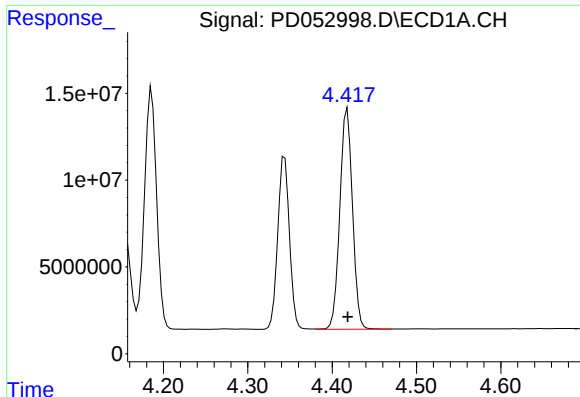
#4 Heptachlor

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 139267549
Conc: 65.59 ng/ml



#4 Heptachlor

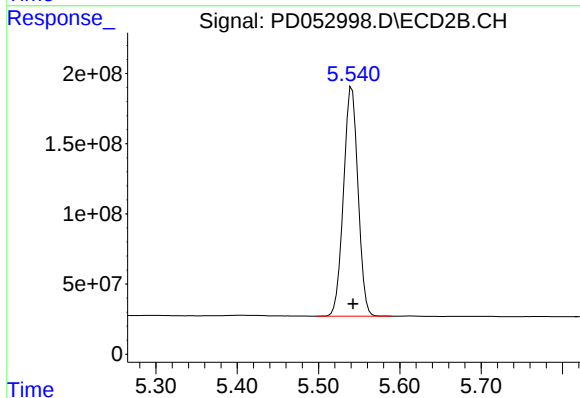
R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 2155194116
Conc: 54.32 ng/ml



#5 Aldrin

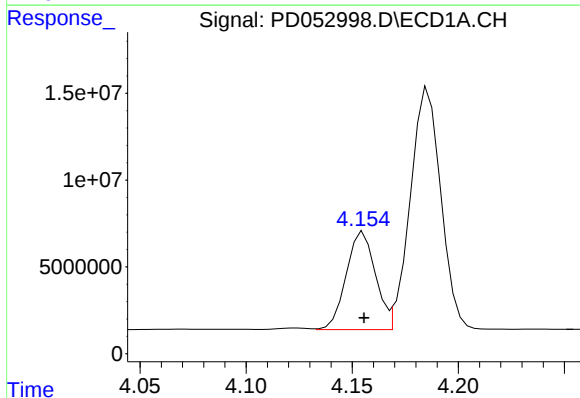
R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 132365772
Conc: 65.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



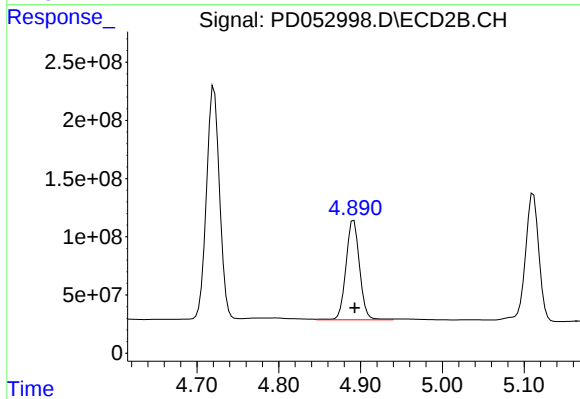
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: -0.001 min
Response: 2017032611
Conc: 54.47 ng/ml



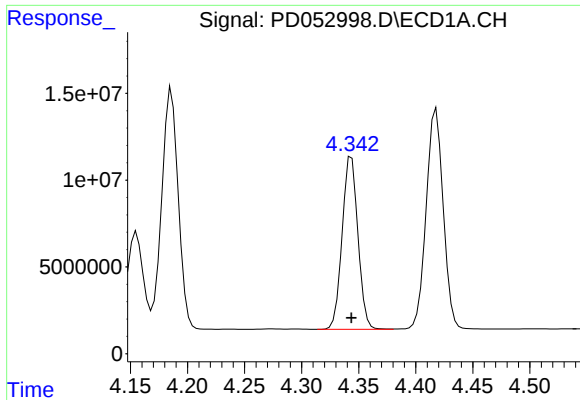
#6 beta-BHC

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 54048948
Conc: 61.24 ng/ml



#6 beta-BHC

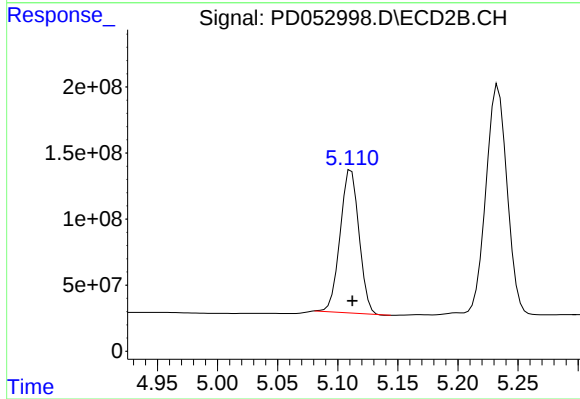
R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 981578572
Conc: 54.25 ng/ml



#7 delta-BHC

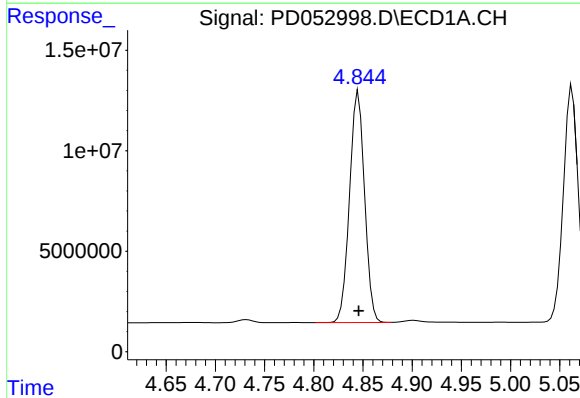
R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 95927011
Conc: 47.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



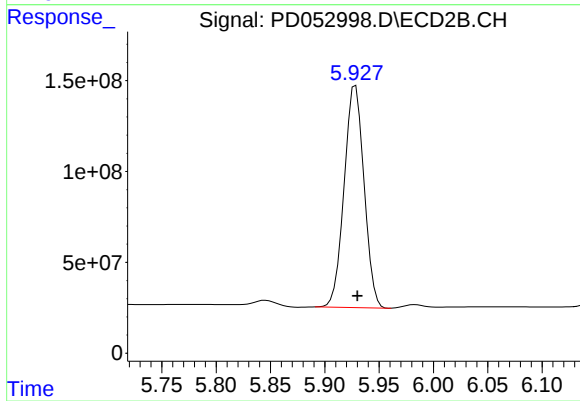
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 1188178382
Conc: 36.11 ng/ml



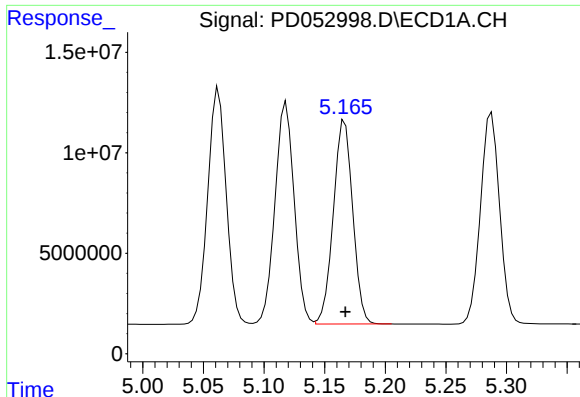
#8 Heptachlor epoxide

R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 122254145
Conc: 64.33 ng/ml



#8 Heptachlor epoxide

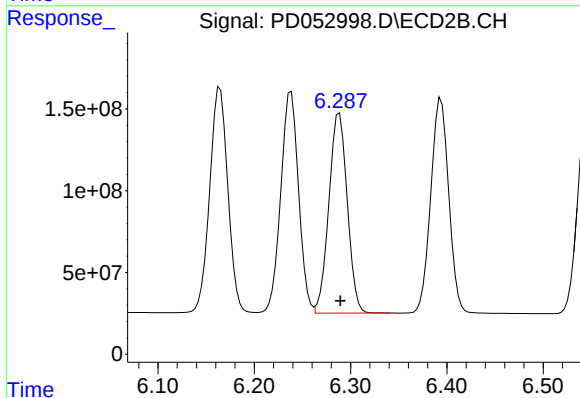
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 1559774867
Conc: 48.32 ng/ml



#9 Endosulfan I

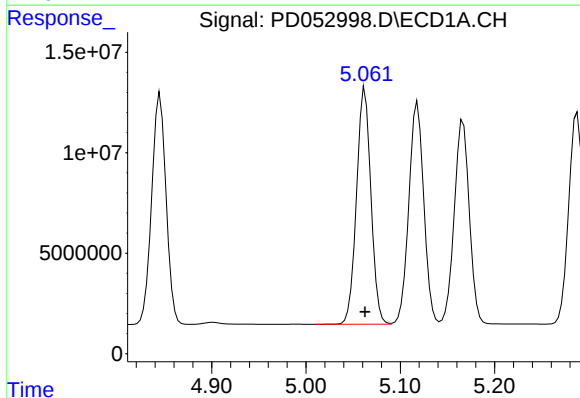
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 112682107
Conc: 63.05 ng/ml

Instrument :
ECD_D
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HR-05-041719-AMSD



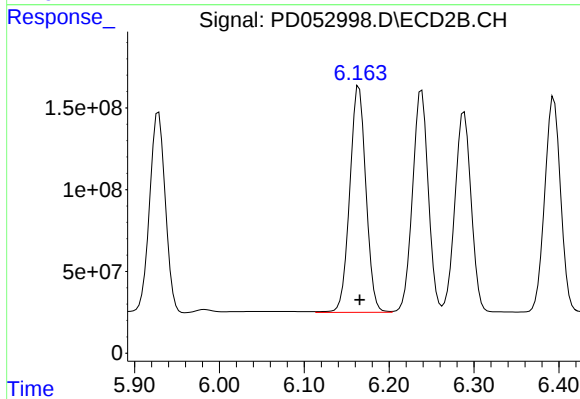
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 1627169469
Conc: 55.70 ng/ml



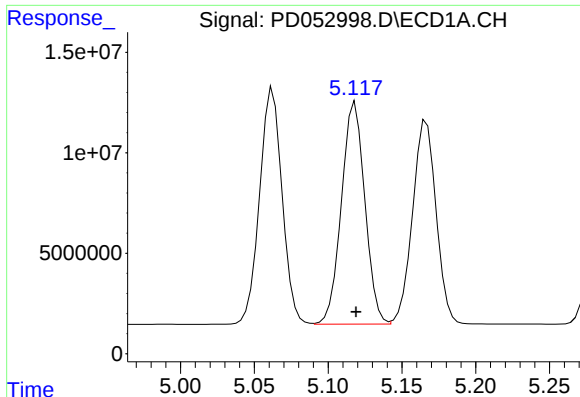
#10 gamma-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 124788996
Conc: 64.00 ng/ml



#10 gamma-Chlordane

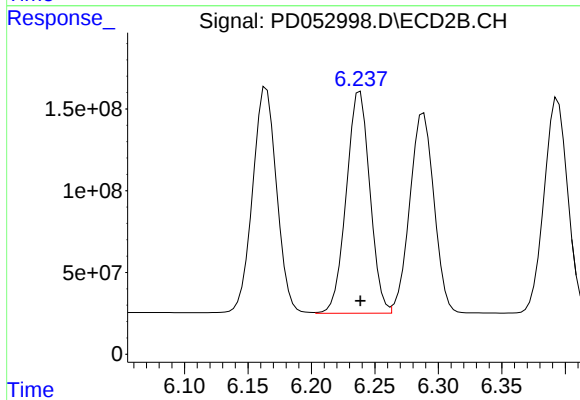
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 1831459868
Conc: 57.24 ng/ml



#11 alpha-Chlordane

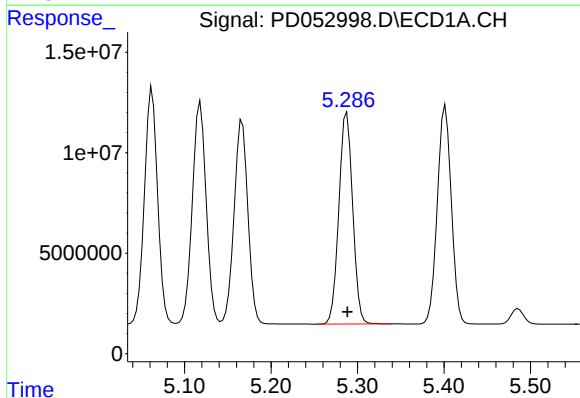
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 122047677
Conc: 63.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



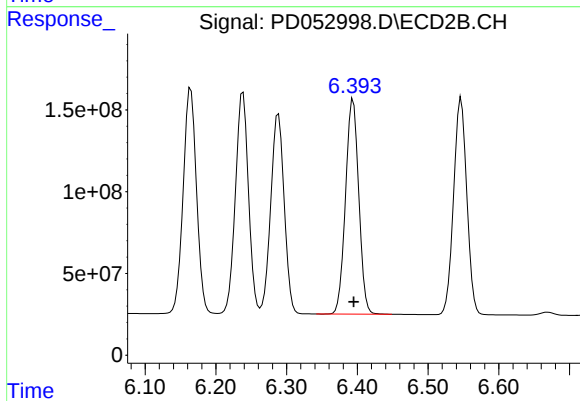
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 1750175330
Conc: 55.76 ng/ml



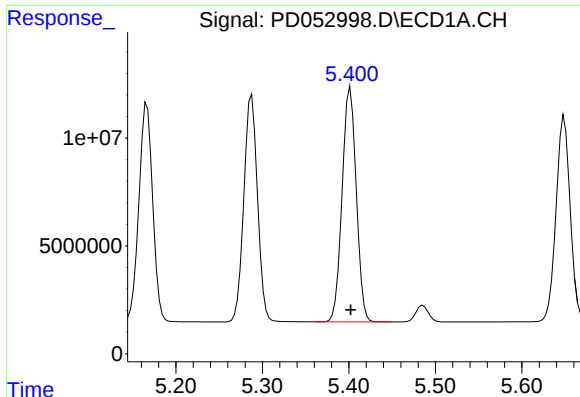
#12 4,4'-DDE

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 115813284
Conc: 62.11 ng/ml



#12 4,4'-DDE

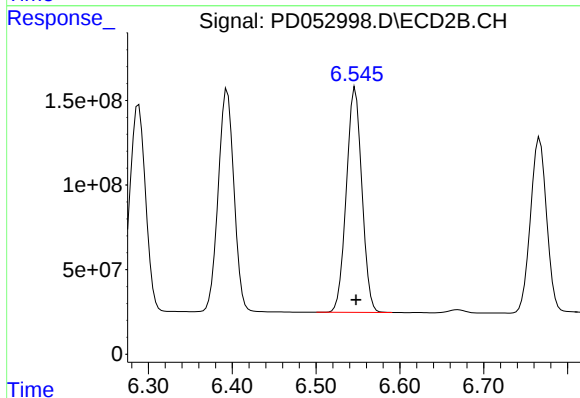
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 1710141387
Conc: 56.02 ng/ml



#13 Dieldrin

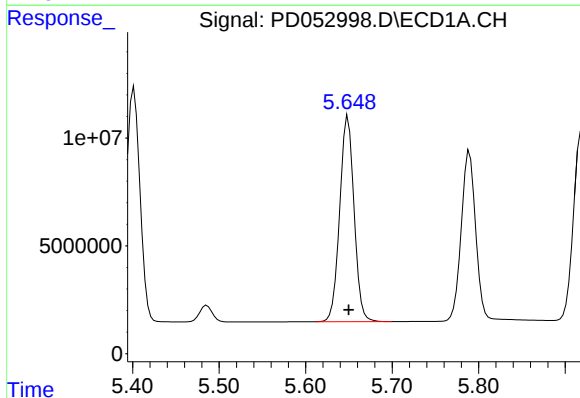
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 122608208
Conc: 63.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



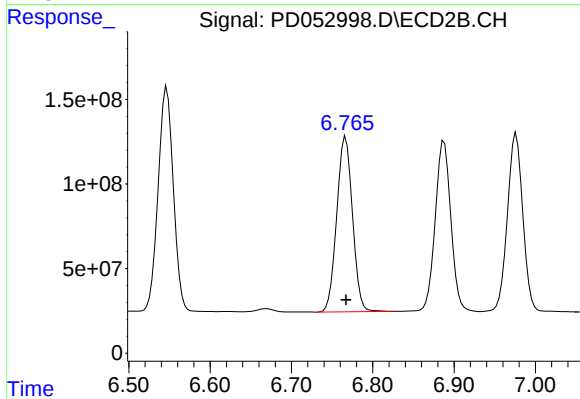
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 1716375148
Conc: 57.38 ng/ml



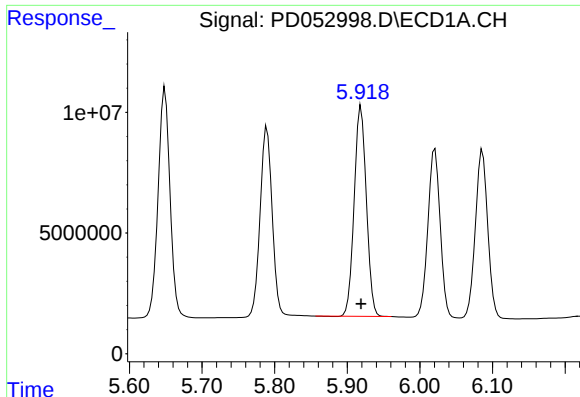
#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 109191162
Conc: 59.30 ng/ml



#14 Endrin

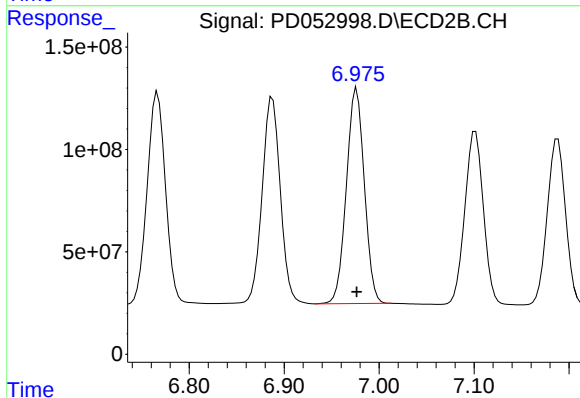
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 1392973278
Conc: 55.59 ng/ml



#15 Endosulfan II

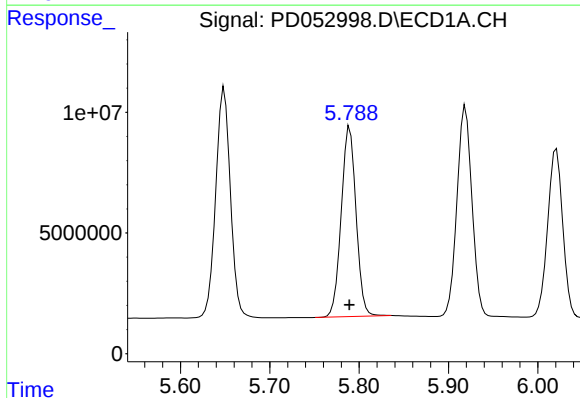
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 101438654
Conc: 59.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



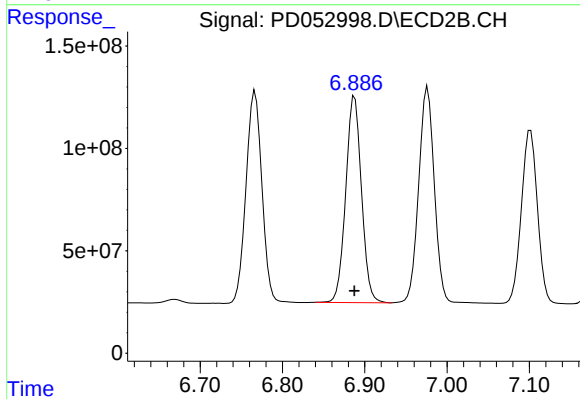
#15 Endosulfan II

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 1382787557
Conc: 55.49 ng/ml



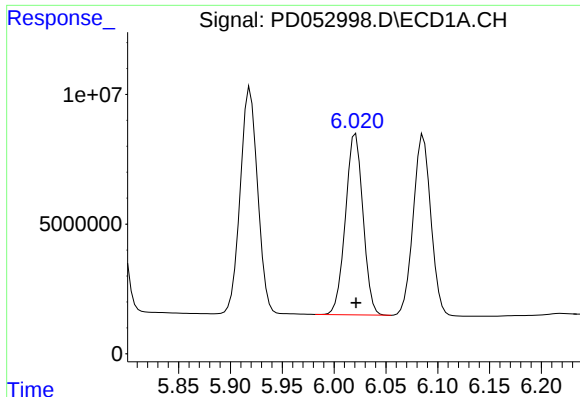
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 90656316
Conc: 59.31 ng/ml



#16 4,4'-DDD

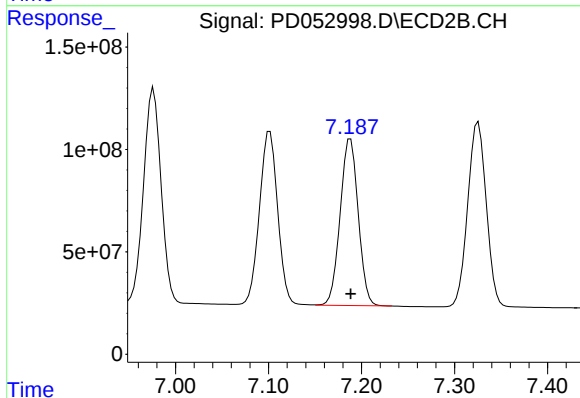
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 1340385493
Conc: 56.05 ng/ml



#17 4,4'-DDT

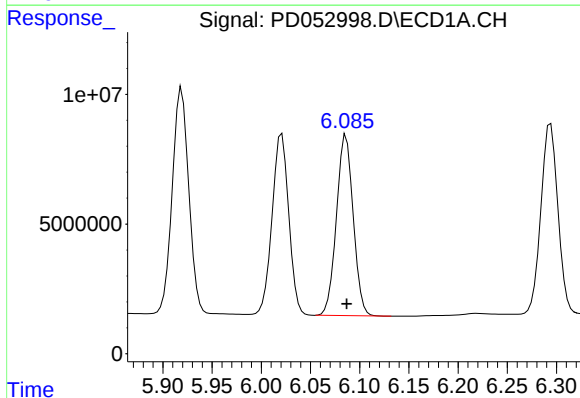
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 82343887
Conc: 57.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



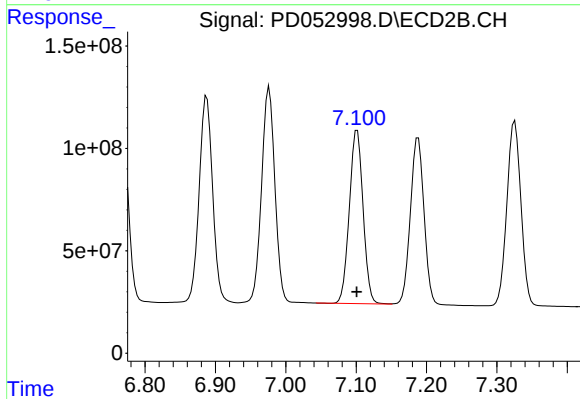
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 1097358334
Conc: 58.89 ng/ml



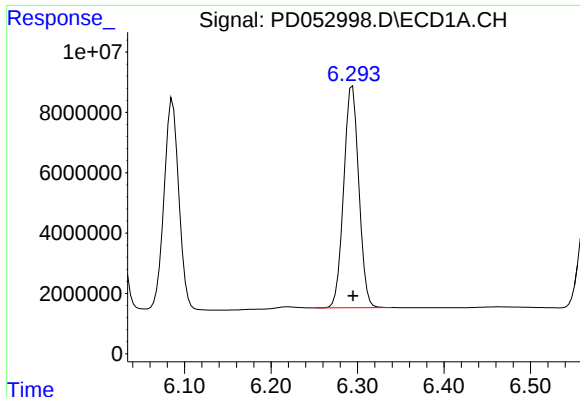
#18 Endrin aldehyde

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 82660717
Conc: 57.66 ng/ml



#18 Endrin aldehyde

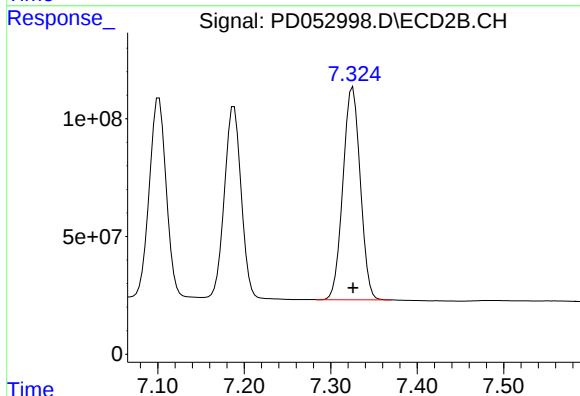
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 1152696374
Conc: 56.00 ng/ml



#19 Endosulfan Sulfate

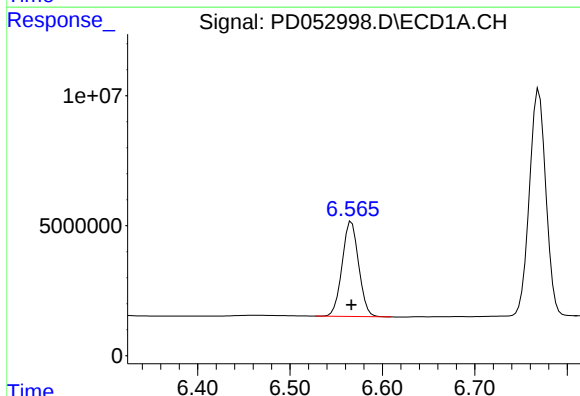
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 88673119
Conc: 57.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



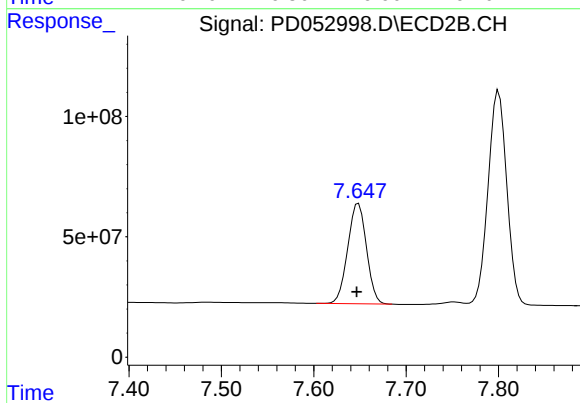
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 1251195485
Conc: 56.87 ng/ml



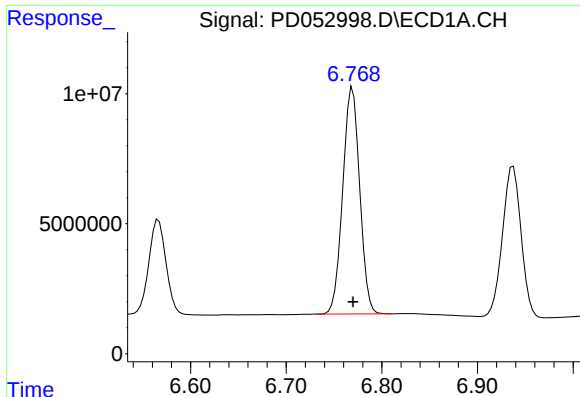
#20 Methoxychlor

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 45433509
Conc: 53.78 ng/ml



#20 Methoxychlor

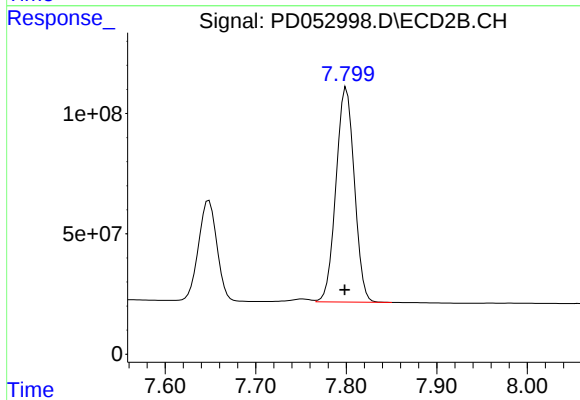
R.T.: 7.649 min
Delta R.T.: 0.002 min
Response: 587051720
Conc: 58.69 ng/ml



#21 Endrin ketone

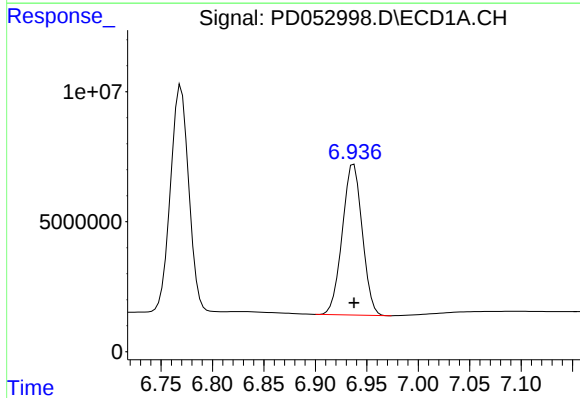
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 107882307
Conc: 59.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



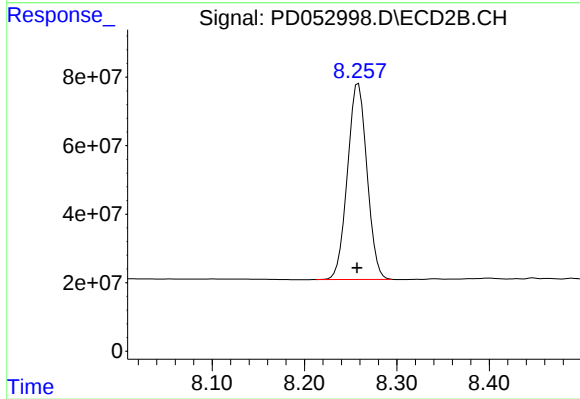
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.002 min
Response: 1256211807
Conc: 61.31 ng/ml



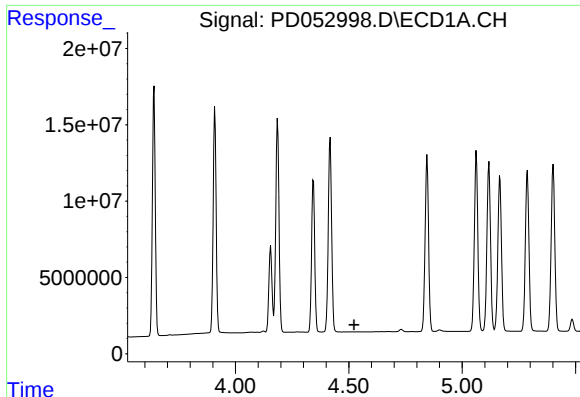
#22 Mirex

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 78314192
Conc: 63.93 ng/ml



#22 Mirex

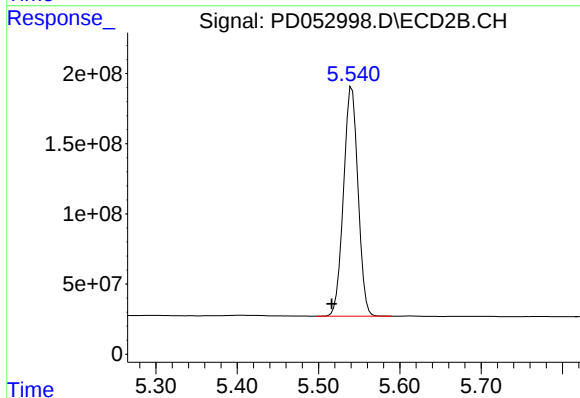
R.T.: 8.258 min
Delta R.T.: 0.001 min
Response: 840812324
Conc: 65.20 ng/ml



#24 Chlordane-2

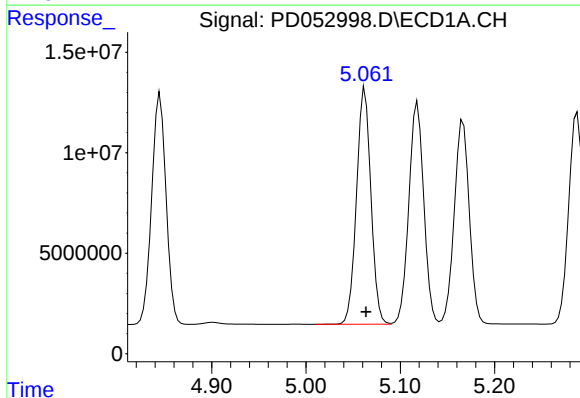
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



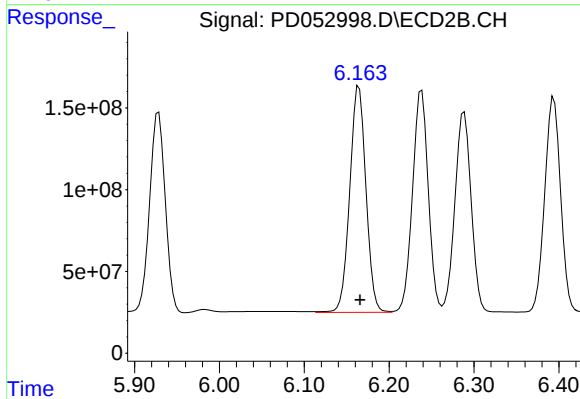
#24 Chlordane-2

R.T.: 5.541 min
Delta R.T.: 0.025 min
Response: 2017032611
Conc: 1440.25 ng/ml



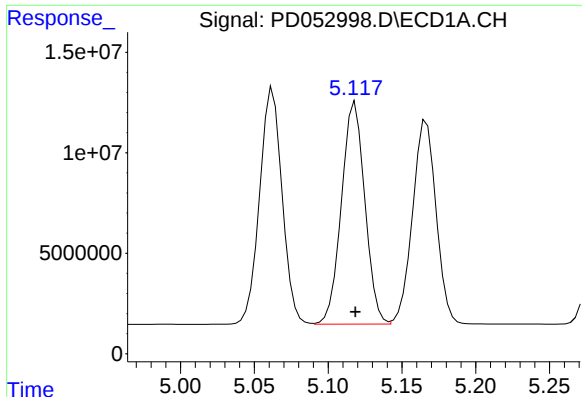
#25 Chlordane-3

R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 124788996
Conc: 564.31 ng/ml



#25 Chlordane-3

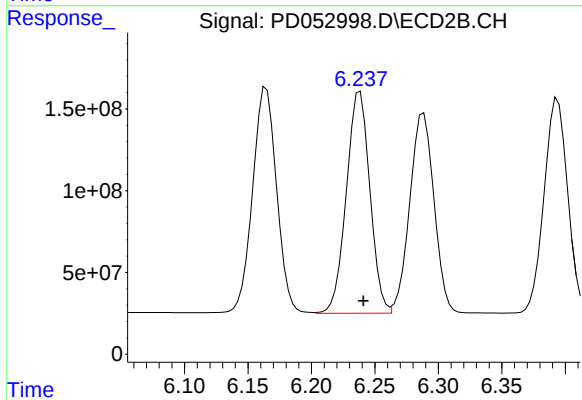
R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 1831459868
Conc: 415.03 ng/ml



#26 Chlordane-4

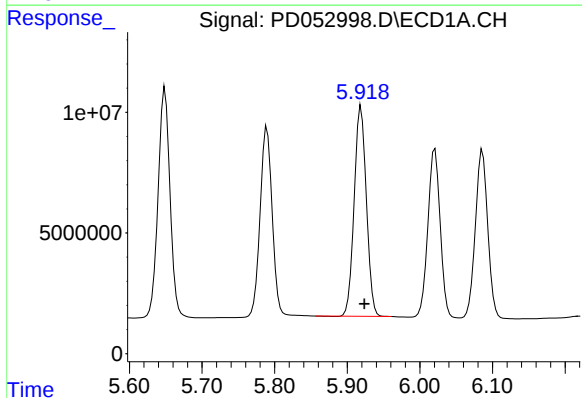
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 122047677
Conc: 575.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



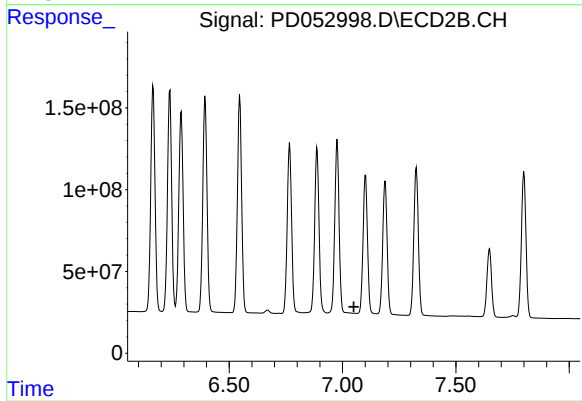
#26 Chlordane-4

R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 1750175330
Conc: 344.17 ng/ml



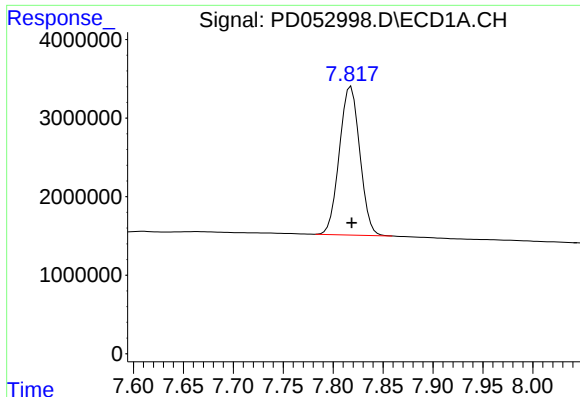
#27 Chlordane-5

R.T.: 5.919 min
Delta R.T.: -0.005 min
Response: 101438654
Conc: 1559.80 ng/ml



#27 Chlordane-5

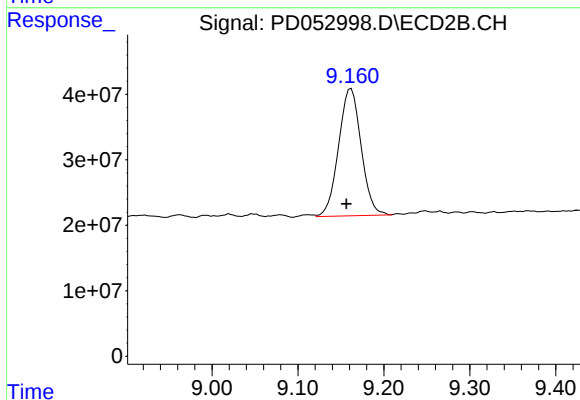
R.T.: 0.000 min
Exp R.T.: 7.050 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.818 min
Delta R.T.: 0.000 min
Response: 26943767
Conc: 20.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-041719-AMSD



#28 Decachlorobiphenyl

R.T.: 9.162 min
Delta R.T.: 0.005 min
Response: 354168487
Conc: 22.77 ng/ml