

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051721\
 Data File : PD063003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2021 15:01
 Operator : AR\AJ
 Sample : M2364-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 AST2-COPR4-1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 07:14:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
 Quant Title : GC Extractables
 QLast Update : Tue May 18 07:12:39 2021
 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...	3.440	3.970	21544313	228.0E6	19.559	19.679
28)	SA Decachlor...	8.196	9.024	25244751	222.2E6	20.059	21.777
Target Compounds							
2)	A alpha-BHC	3.876	4.358	83429082	842.5E6	48.117	43.754
3)	MA gamma-BHC...	4.159	4.643	77402390	773.6E6	47.607	44.821
4)	MA Heptachlor	4.460	5.150	75376750	763.8E6	47.916	46.066
5)	MB Aldrin	4.708	5.455	73434276	767.1E6	47.934	45.955
6)	B beta-BHC	4.410	4.813	32119851	324.0E6	39.712	43.687
7)	B delta-BHC	4.614	5.030	78734251	787.0E6	47.764	56.325
8)	B Heptachlo...	5.151	5.841	69488831	694.6E6	48.219	45.412
9)	A Endosulfan I	5.490	6.197	64466370	664.8E6	47.507	46.804
10)	B gamma-Chl...	5.378	6.074	69718481	704.7E6	47.531	45.207
11)	B alpha-Chl...	5.436	6.147	68955160	692.0E6	47.761	46.697
12)	B 4,4'-DDE	5.600	0.000	68047214	0	47.432	N.D. #
13)	MA Dieldrin	5.734	6.454	69477177	709.1E6	46.956	46.767
14)	MA Endrin	5.991	6.671	62734197	584.0E6	46.905	45.773
15)	B Endosulfa...	6.264	6.881	58284565	606.8E6	46.848	50.602
16)	A 4,4'-DDD	6.117	6.794	57424038	603.8E6	47.735	49.764
17)	MA 4,4'-DDT	6.358	7.092	57573464	618.1E6	50.372	54.820
18)	B Endrin al...	6.432	7.004	47858589	546.2E6	45.024	53.628
19)	B Endosulfa...	6.646	7.227	57582274	579.2E6	47.775	47.201
20)	A Methoxychlor	6.905	7.550	32165391	281.4E6	47.932	49.048
21)	B Endrin ke...	7.138	7.697	71127917	580.3E6	48.133	48.375
22)	Mirex	7.326	8.151	49842416	365.9E6	46.451	48.114
23)	Chlordane-1	4.338f	0.000	127851	0	3.498	N.D. #
24)	Chlordane-2	0.000	5.455f	0	767.1E6	N.D.	1573.813 #
25)	Chlordane-3	5.378	6.074	69718481	704.7E6	485.398	343.734 #
26)	Chlordane-4	5.436	6.147	68955160	692.0E6	584.400	294.196 #
27)	Chlordane-5	6.264	0.000	58284565	0	1269.012	N.D. #

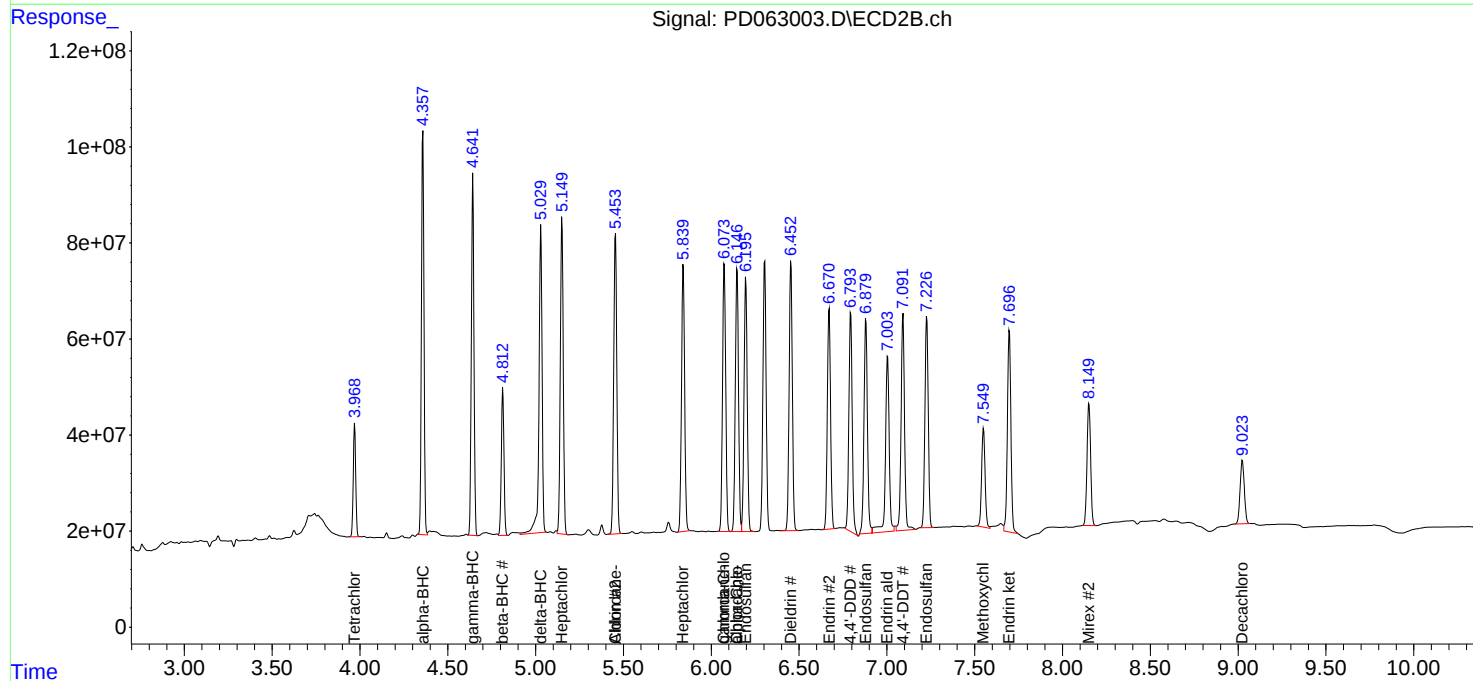
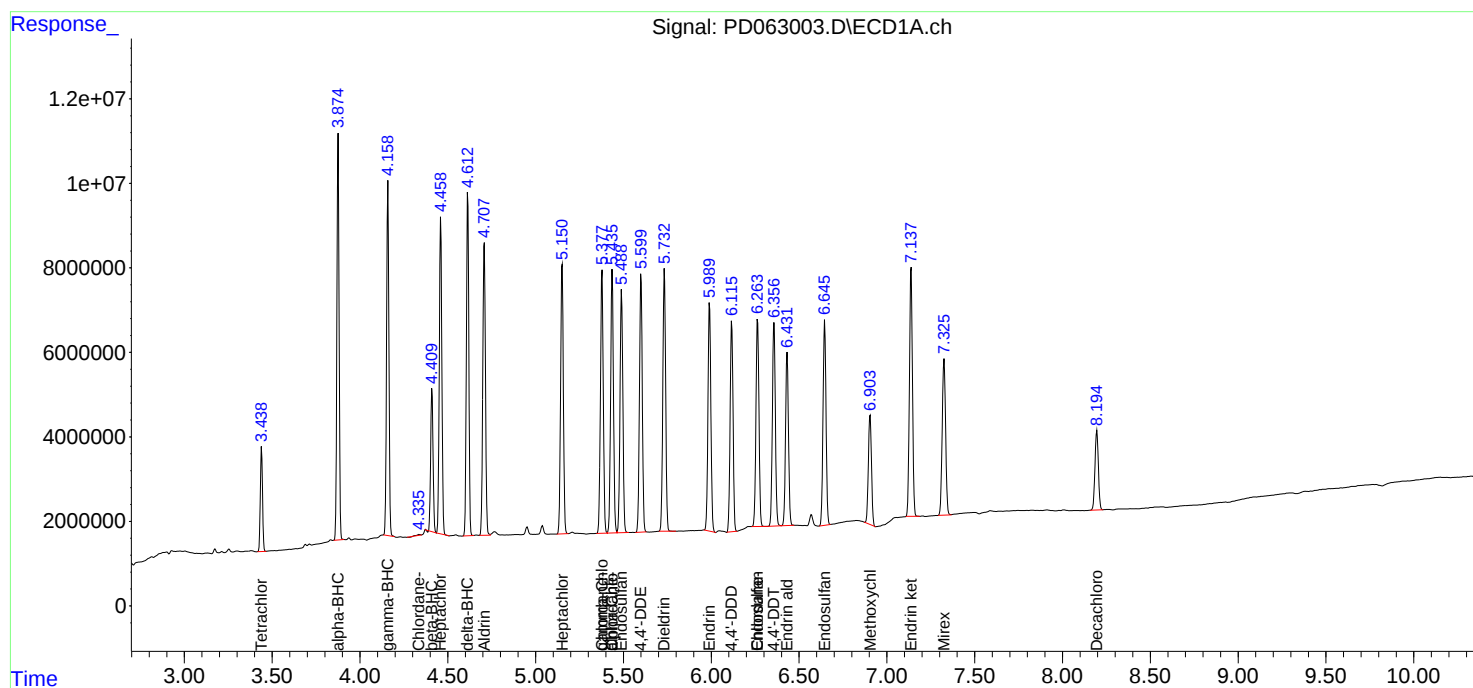
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

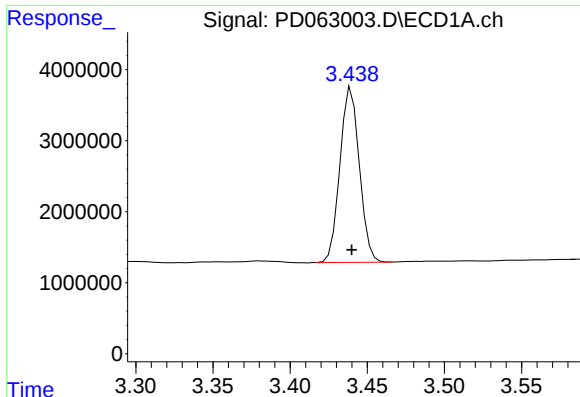
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051721\
Data File : PD063003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2021 15:01
Operator : AR\AJ
Sample : M2364-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 07:14:54 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
Quant Title : GC Extractables
QLast Update : Tue May 18 07:12:39 2021
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

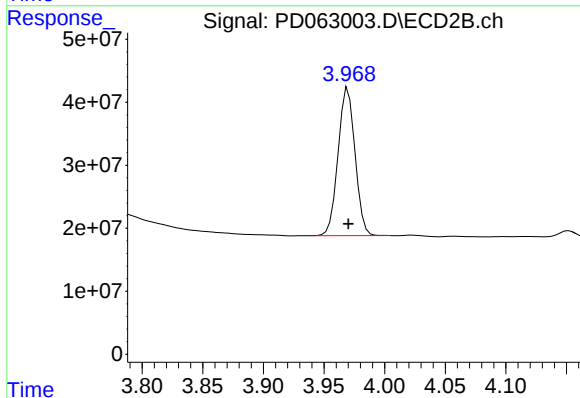




#1 Tetrachloro-m-xylene

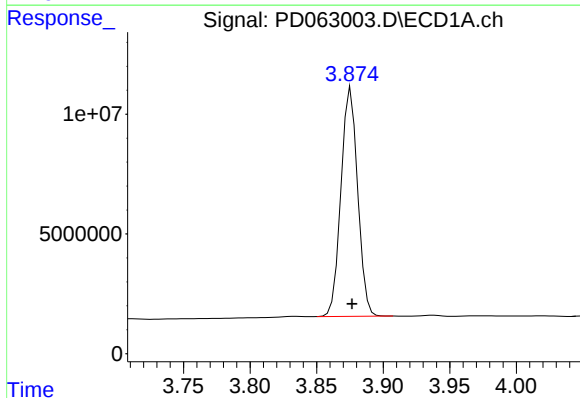
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 21544313
Conc: 19.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



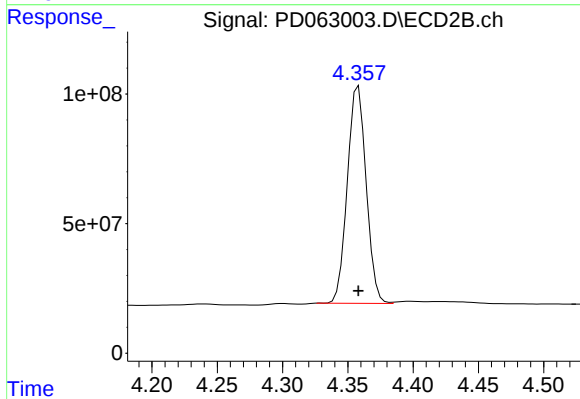
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 228046849
Conc: 19.68 ng/ml



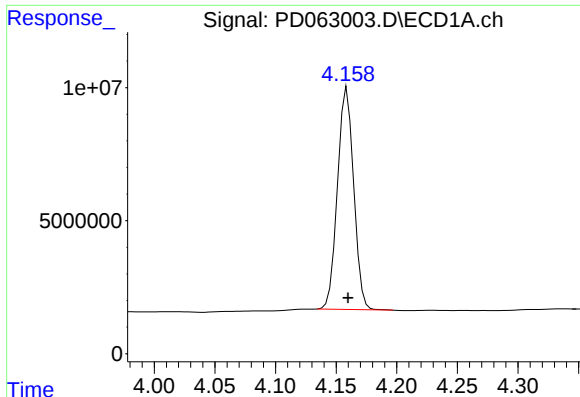
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 83429082
Conc: 48.12 ng/ml



#2 alpha-BHC

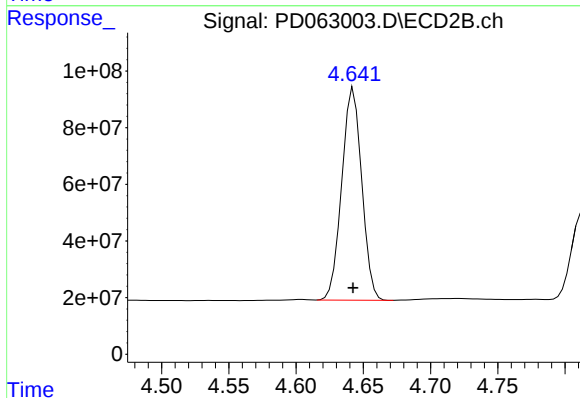
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 842456988
Conc: 43.75 ng/ml



#3 gamma-BHC (Lindane)

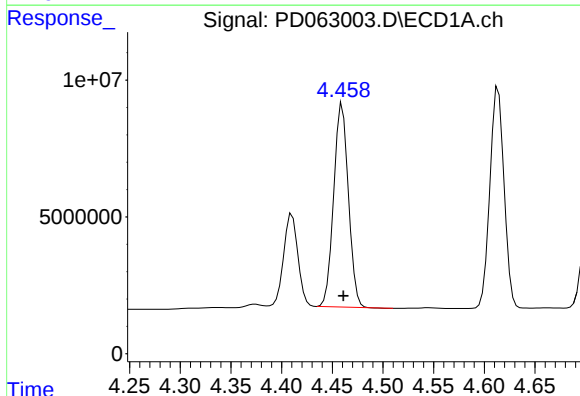
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 77402390
Conc: 47.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



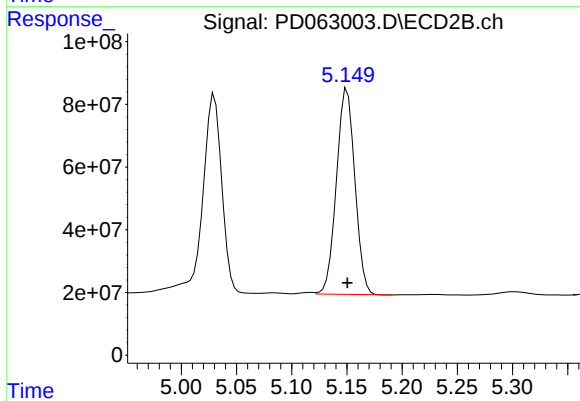
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 773561728
Conc: 44.82 ng/ml



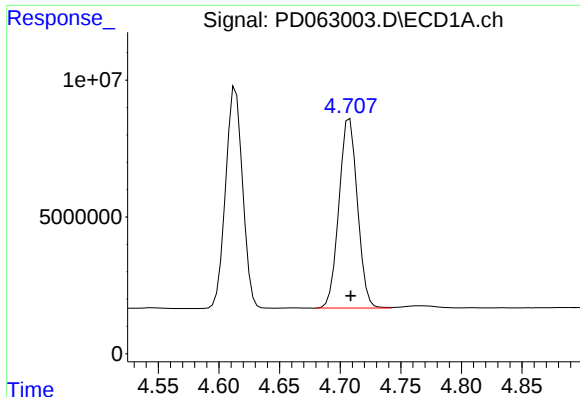
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 75376750
Conc: 47.92 ng/ml



#4 Heptachlor

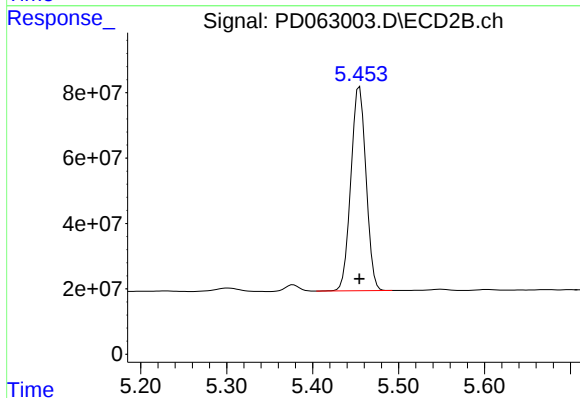
R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 763809858
Conc: 46.07 ng/ml



#5 Aldrin

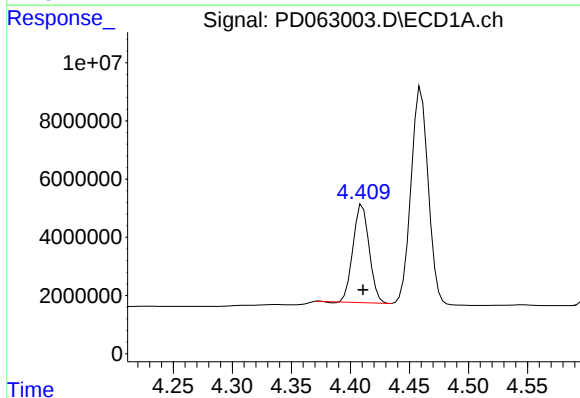
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 73434276
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



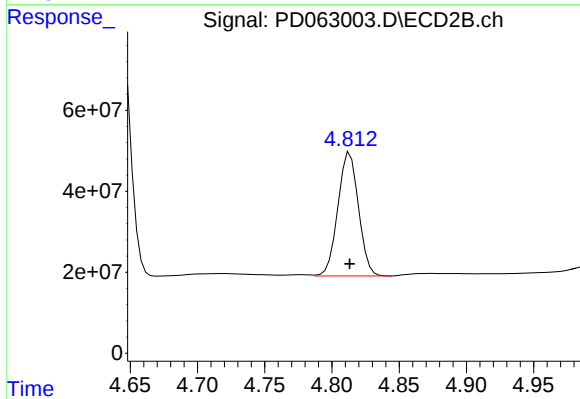
#5 Aldrin

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 767083755
Conc: 45.96 ng/ml



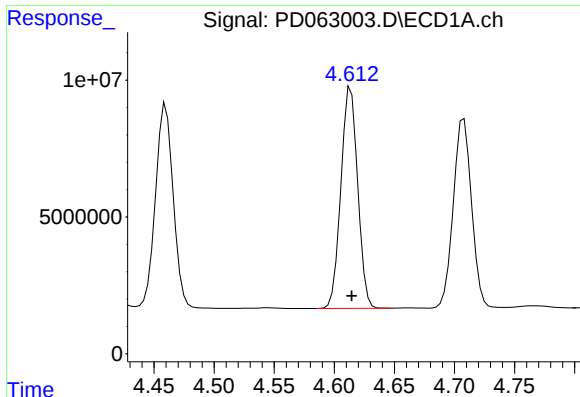
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 32119851
Conc: 39.71 ng/ml



#6 beta-BHC

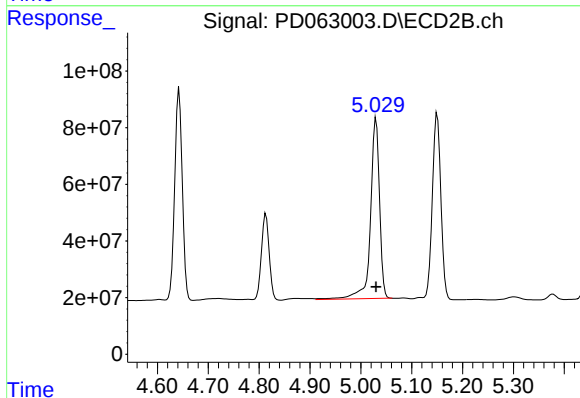
R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 324044165
Conc: 43.69 ng/ml



#7 delta-BHC

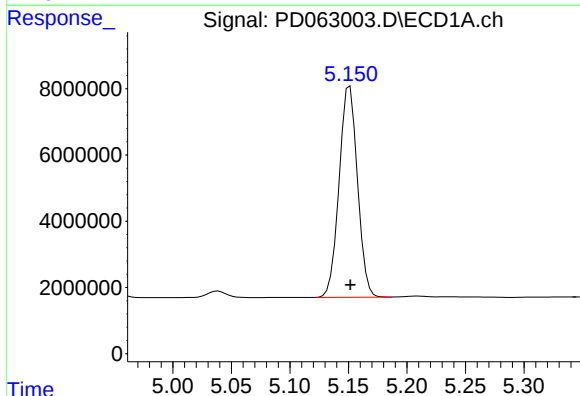
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 78734251
Conc: 47.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



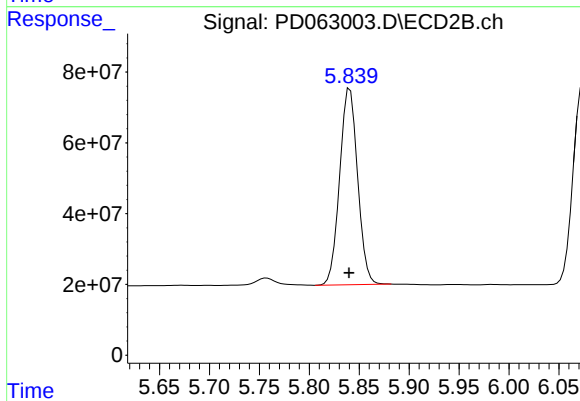
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 786975066
Conc: 56.33 ng/ml



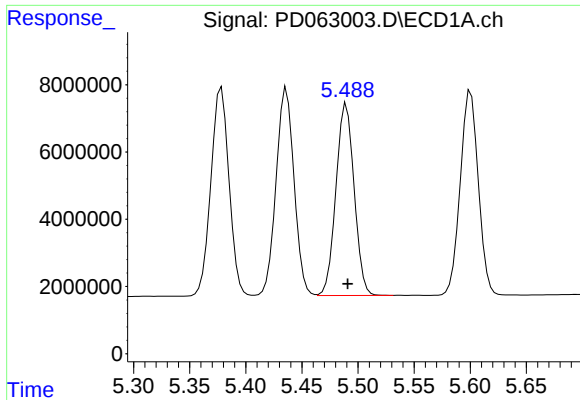
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 69488831
Conc: 48.22 ng/ml



#8 Heptachlor epoxide

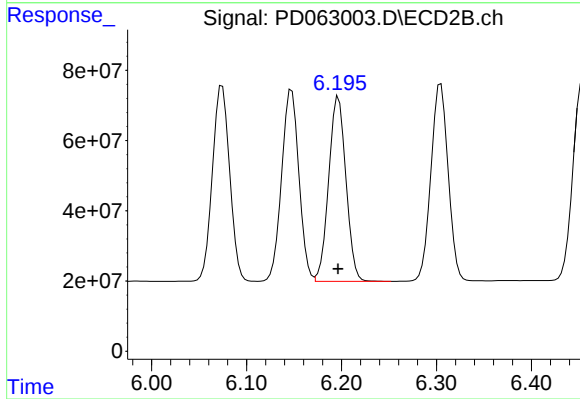
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 694608760
Conc: 45.41 ng/ml



#9 Endosulfan I

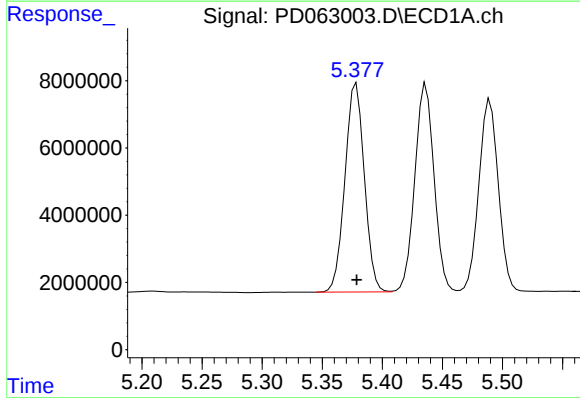
R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 64466370
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



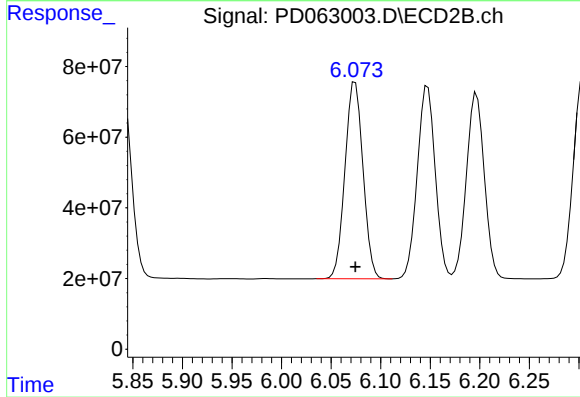
#9 Endosulfan I

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 664838456
Conc: 46.80 ng/ml



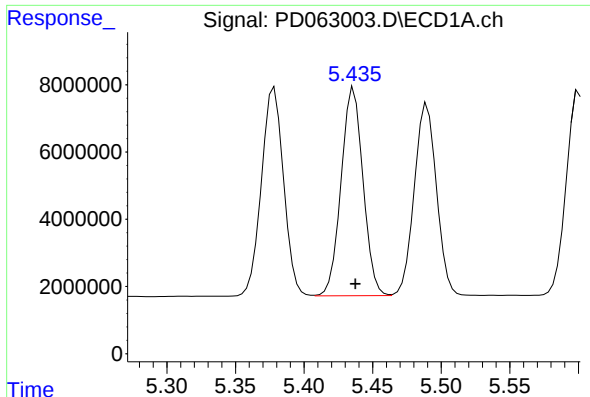
#10 gamma-Chlordane

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 69718481
Conc: 47.53 ng/ml



#10 gamma-Chlordane

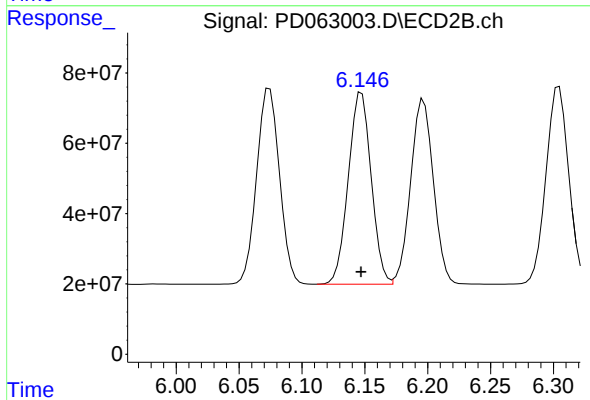
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 704726323
Conc: 45.21 ng/ml



#11 alpha-Chlordane

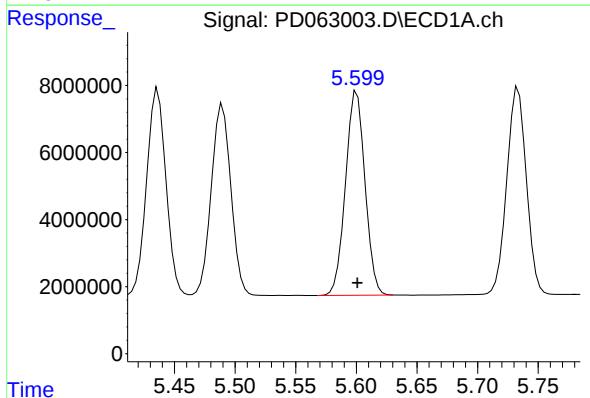
R.T.: 5.436 min
Delta R.T.: -0.001 min
Response: 68955160
Conc: 47.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



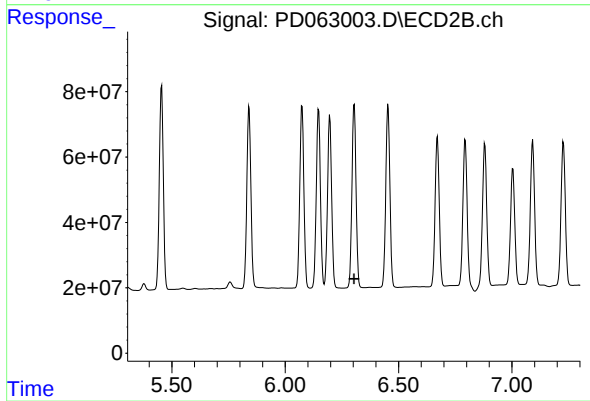
#11 alpha-Chlordane

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 692033827
Conc: 46.70 ng/ml



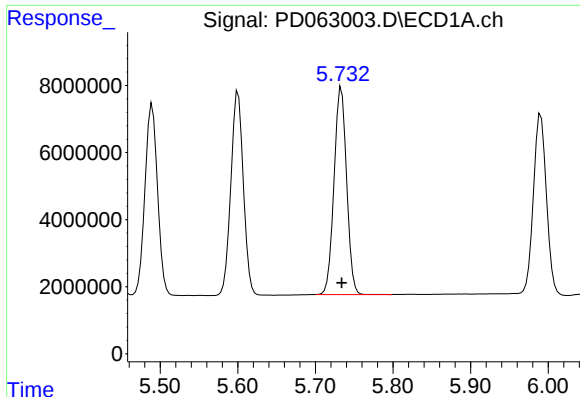
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 68047214
Conc: 47.43 ng/ml



#12 4,4'-DDE

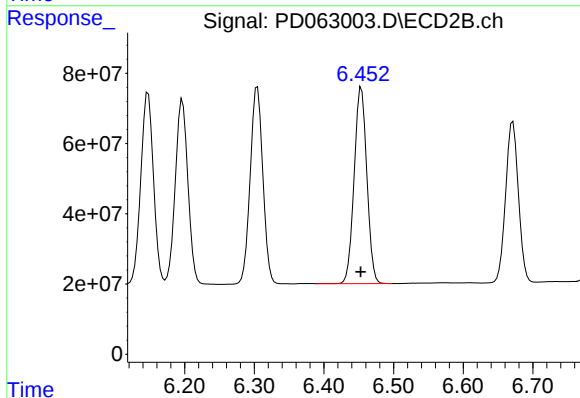
R.T.: 0.000 min
Exp R.T.: 6.304 min
Response: 0
Conc: N.D.



#13 Dieldrin

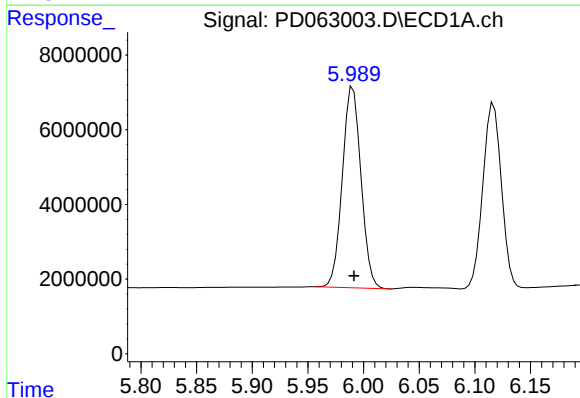
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 69477177
Conc: 46.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



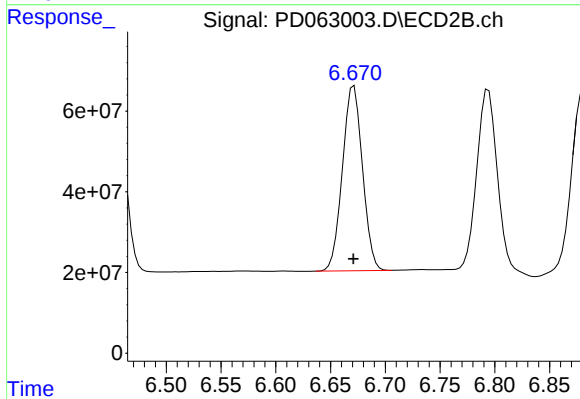
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 709144172
Conc: 46.77 ng/ml



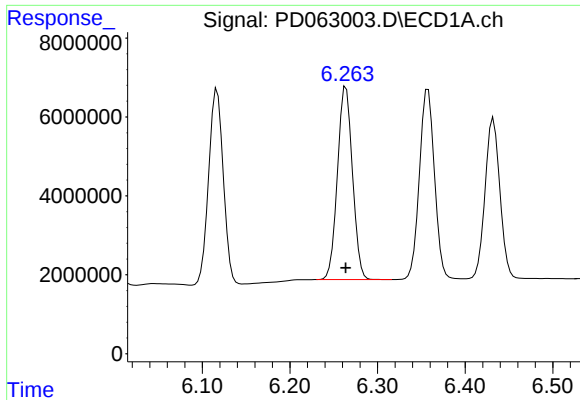
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 62734197
Conc: 46.90 ng/ml



#14 Endrin

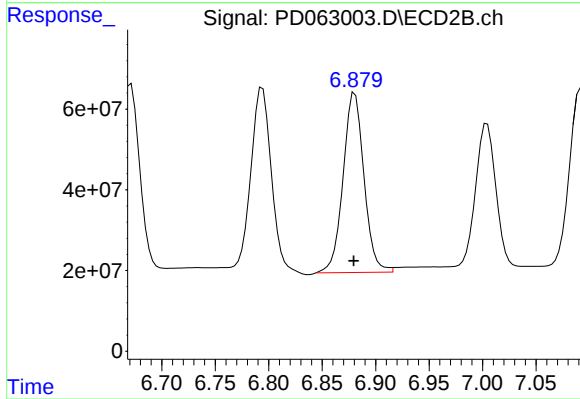
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 583996746
Conc: 45.77 ng/ml



#15 Endosulfan II

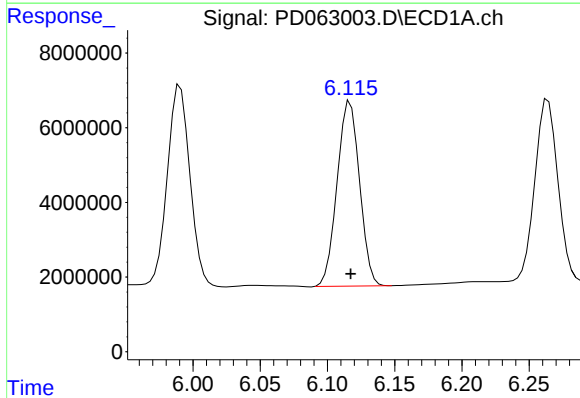
R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 58284565
Conc: 46.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



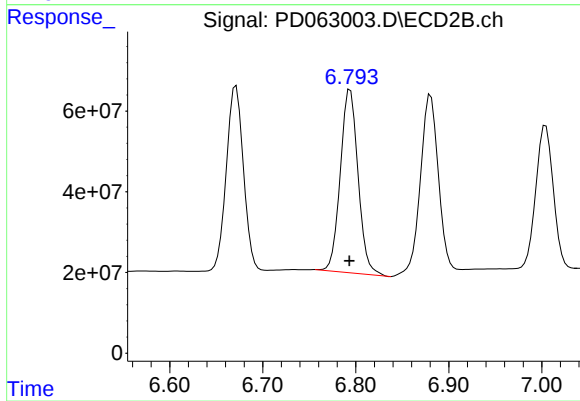
#15 Endosulfan II

R.T.: 6.881 min
Delta R.T.: 0.001 min
Response: 606806130
Conc: 50.60 ng/ml



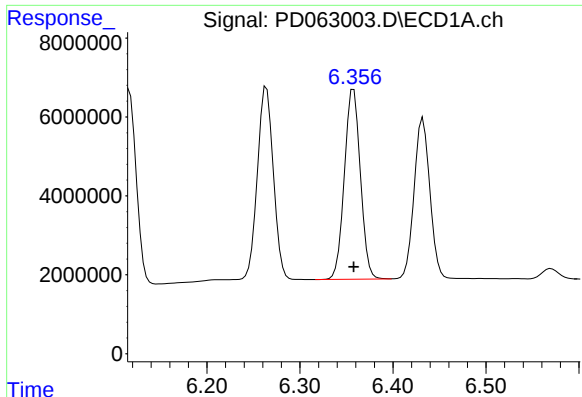
#16 4,4'-DDD

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 57424038
Conc: 47.74 ng/ml



#16 4,4'-DDD

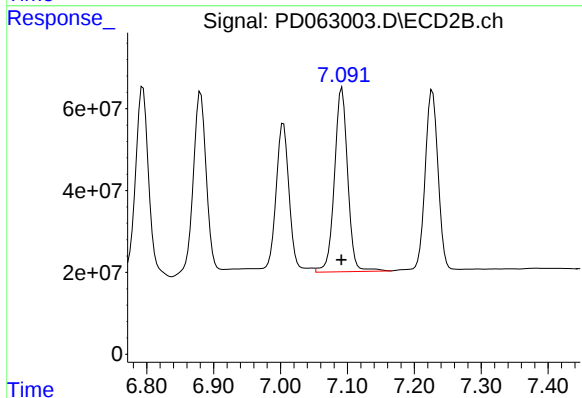
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 603760042
Conc: 49.76 ng/ml



#17 4,4'-DDT

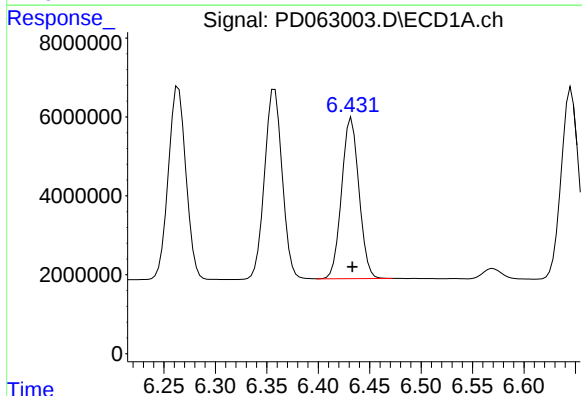
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 57573464
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



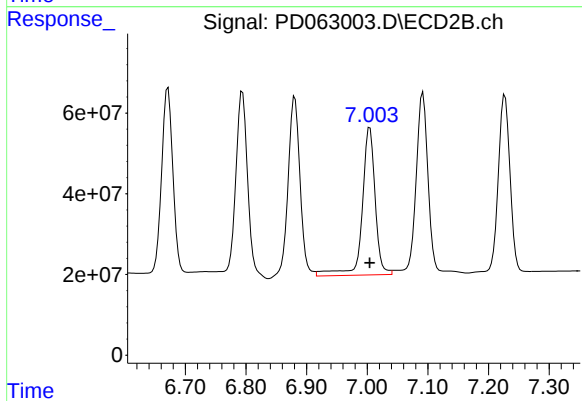
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 618140826
Conc: 54.82 ng/ml



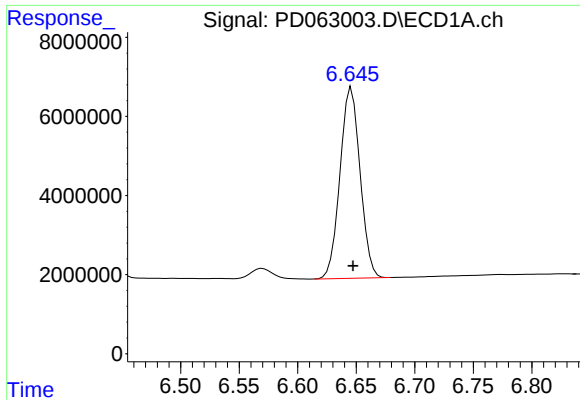
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 47858589
Conc: 45.02 ng/ml



#18 Endrin aldehyde

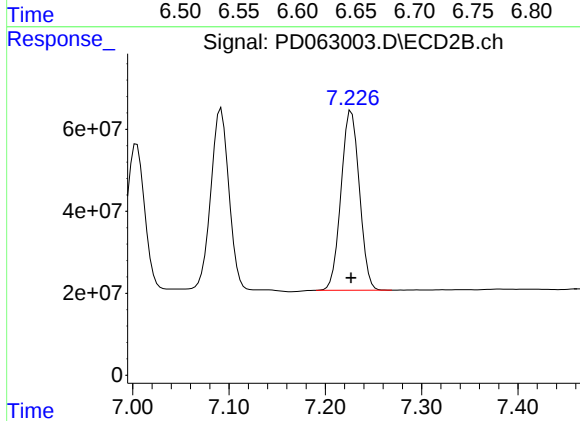
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 546182188
Conc: 53.63 ng/ml



#19 Endosulfan Sulfate

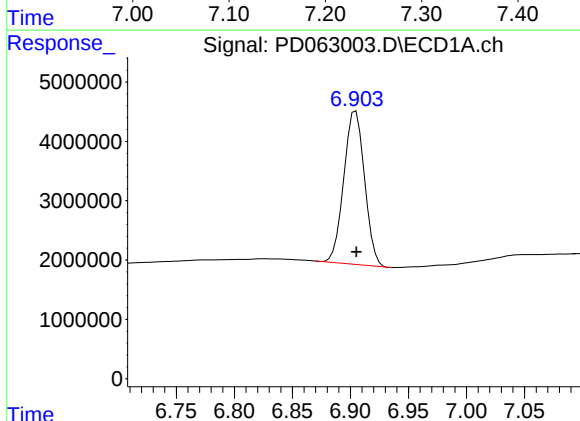
R.T.: 6.646 min
Delta R.T.: -0.001 min
Response: 57582274
Conc: 47.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



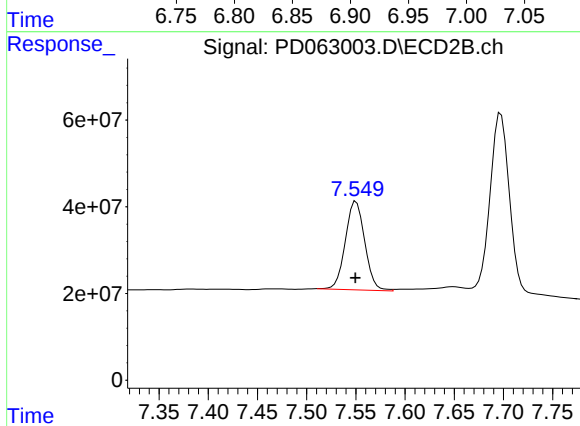
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 579158311
Conc: 47.20 ng/ml



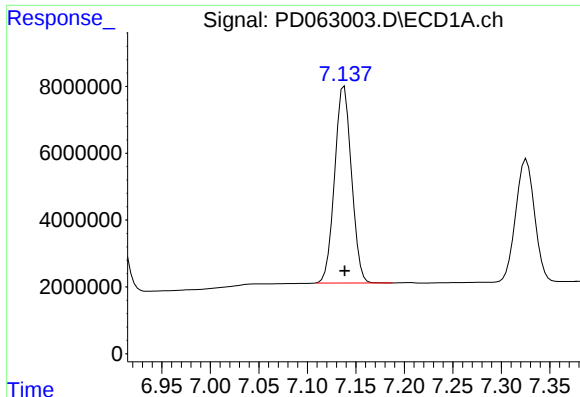
#20 Methoxychlor

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 32165391
Conc: 47.93 ng/ml



#20 Methoxychlor

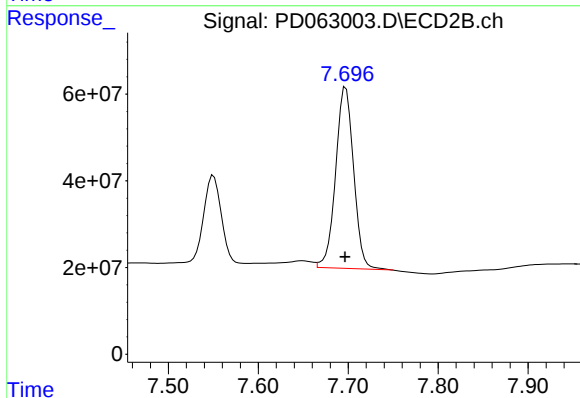
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 281370246
Conc: 49.05 ng/ml



#21 Endrin ketone

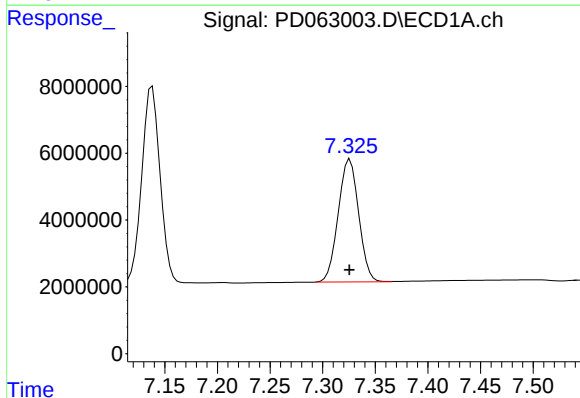
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 71127917
Conc: 48.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



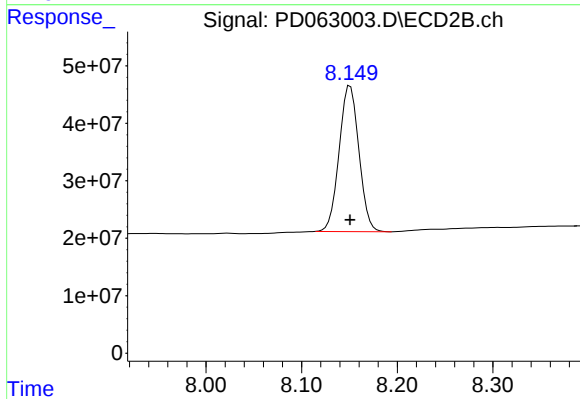
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 580281314
Conc: 48.38 ng/ml



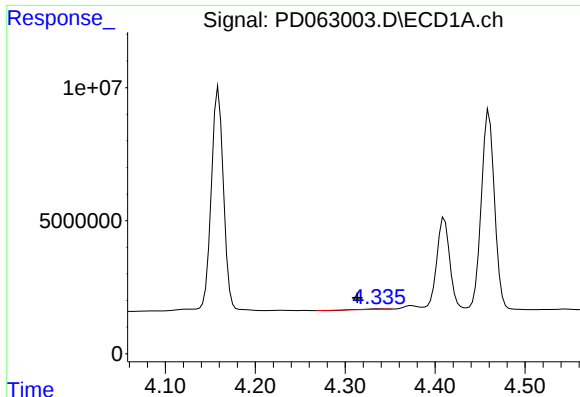
#22 Mirex

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 49842416
Conc: 46.45 ng/ml



#22 Mirex

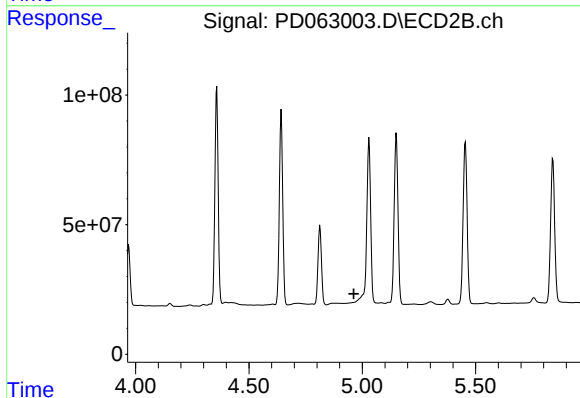
R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 365879571
Conc: 48.11 ng/ml



#23 Chlordane-1

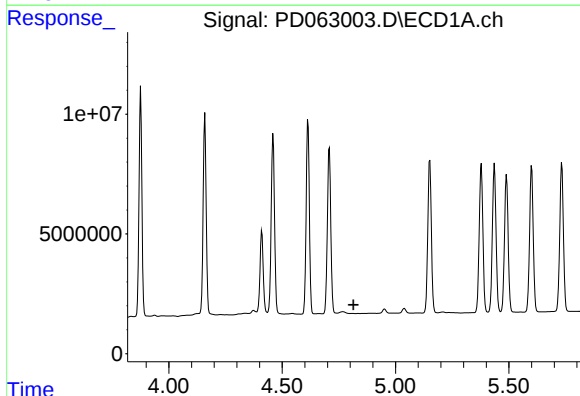
R.T.: 4.338 min
Delta R.T.: 0.024 min
Response: 127851
Conc: 3.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



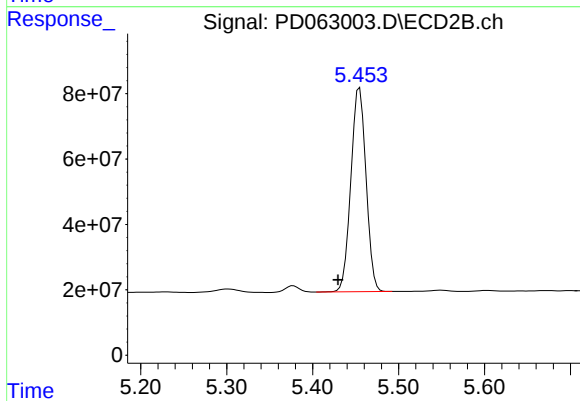
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



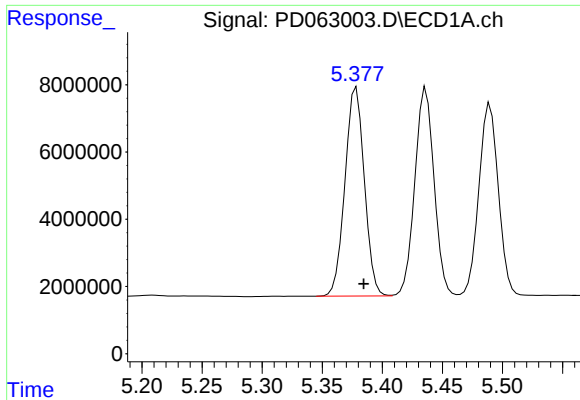
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#24 Chlordane-2

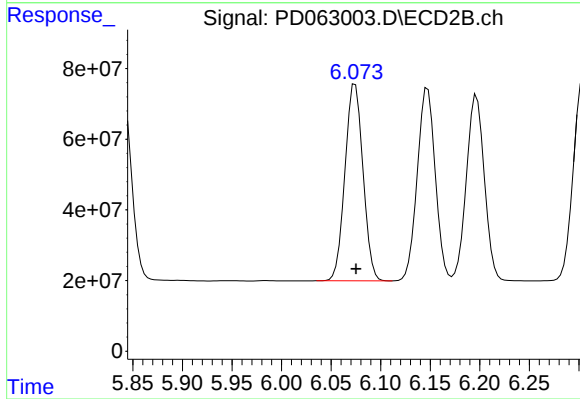
R.T.: 5.455 min
Delta R.T.: 0.025 min
Response: 767083755
Conc: 1573.81 ng/ml



#25 Chlordane-3

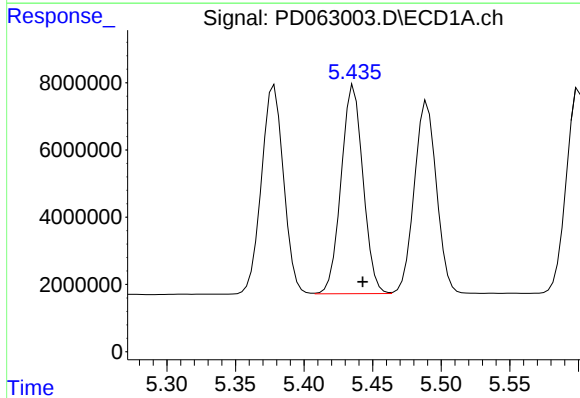
R.T.: 5.378 min
Delta R.T.: -0.006 min
Response: 69718481
Conc: 485.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



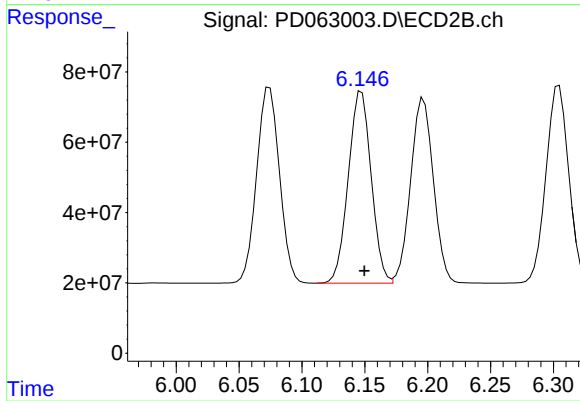
#25 Chlordane-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 704726323
Conc: 343.73 ng/ml



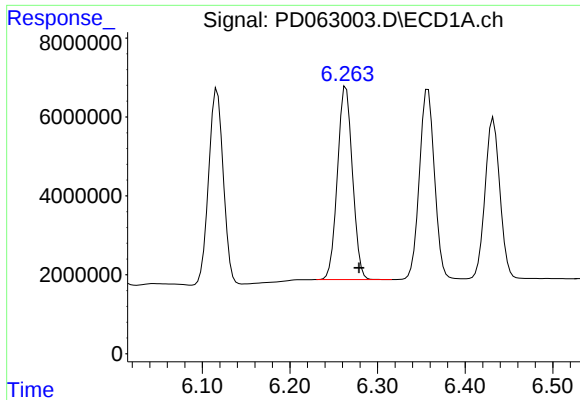
#26 Chlordane-4

R.T.: 5.436 min
Delta R.T.: -0.006 min
Response: 68955160
Conc: 584.40 ng/ml



#26 Chlordane-4

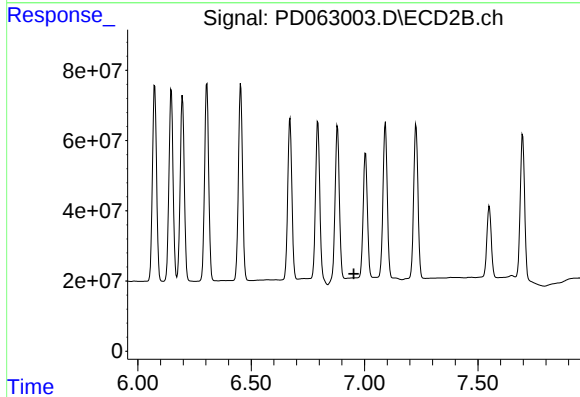
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 692033827
Conc: 294.20 ng/ml



#27 Chlordane-5

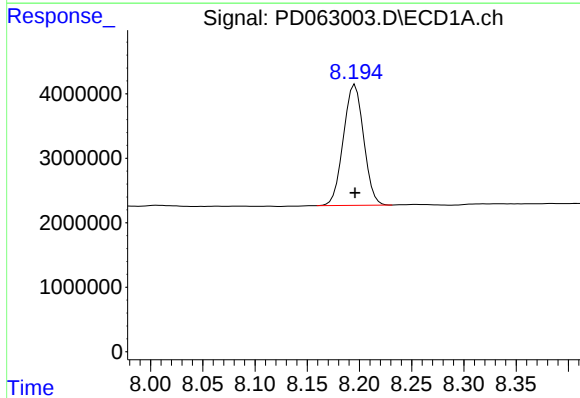
R.T.: 6.264 min
Delta R.T.: -0.015 min
Response: 58284565
Conc: 1269.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MS



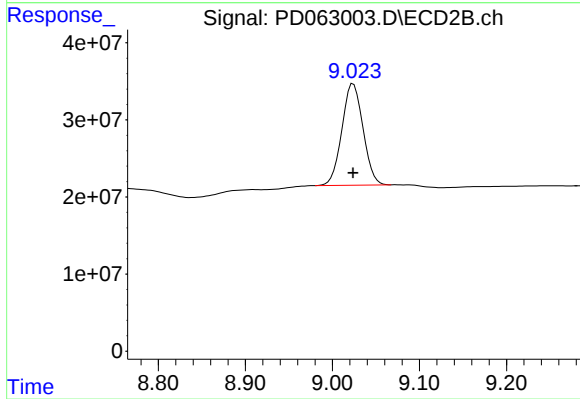
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.953 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 25244751
Conc: 20.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 222172194
Conc: 21.78 ng/ml