

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051721\
 Data File : PD063004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2021 15:15
 Operator : AR\AJ
 Sample : M2364-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 AST2-COPR4-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 07:15:12 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	20943850	225.3E6	19.014	19.445
28)	SA Decachlor...	8.195	9.024	25132119	224.2E6	19.969	21.979
Target Compounds							
2)	A alpha-BHC	3.876	4.358	82357155	863.3E6	47.499	44.838
3)	MA gamma-BHC...	4.159	4.642	76881734	796.6E6	47.286	46.156
4)	MA Heptachlor	4.460	5.150	75198773	783.8E6	47.803	47.272
5)	MB Aldrin	4.708	5.454	72564953	774.3E6	47.367	46.386
6)	B beta-BHC	4.410	4.813	32505997	334.8E6	40.297	45.135
7)	B delta-BHC	4.614	5.030	77801657	771.9E6	47.198	55.248
8)	B Heptachlo...	5.151	5.840	68917139	696.7E6	47.823	45.547
9)	A Endosulfan I	5.490	6.196	64148834	676.2E6	47.273	47.606
10)	B gamma-Chl...	5.378	6.074	69351771	716.0E6	47.281	45.929
11)	B alpha-Chl...	5.436	6.146	68606623	700.8E6	47.520	47.290
12)	B 4,4'-DDE	5.600	0.000	67902125	0	47.331	N.D. #
13)	MA Dieldrin	5.733	6.453	69261075	719.3E6	46.810	47.433
14)	MA Endrin	5.990	6.671	62922259	593.6E6	47.045	46.527
15)	B Endosulfa...	6.263	6.880	58719948	602.3E6	47.198	50.226
16)	A 4,4'-DDD	6.116	6.793	57576533	606.7E6	47.862	50.009
17)	MA 4,4'-DDT	6.357	7.092	58231787	632.5E6	50.948	56.092
18)	B Endrin al...	6.432	7.004	48023646	500.1E6	45.179	49.105
19)	B Endosulfa...	6.646	7.227	58371167	590.4E6	48.429	48.114
20)	A Methoxychlor	6.904	7.550	32431951	278.6E6	48.329	48.563
21)	B Endrin ke...	7.137	7.697	71254863	575.6E6	48.219	47.983
22)	Mirex	7.326	8.151	50350404	346.6E6	46.924	45.574
23)	Chlordane-1	4.336f	0.000	168077	0	4.599	N.D. #
24)	Chlordane-2	0.000	5.454f	0	774.3E6	N.D.	1588.556 #
25)	Chlordane-3	5.378	6.074	69351771	716.0E6	482.845	349.221 #
26)	Chlordane-4	5.436	6.146	68606623	700.8E6	581.446	297.934 #
27)	Chlordane-5	6.263f	6.959	58719948	28963930	1278.492	67.921 #

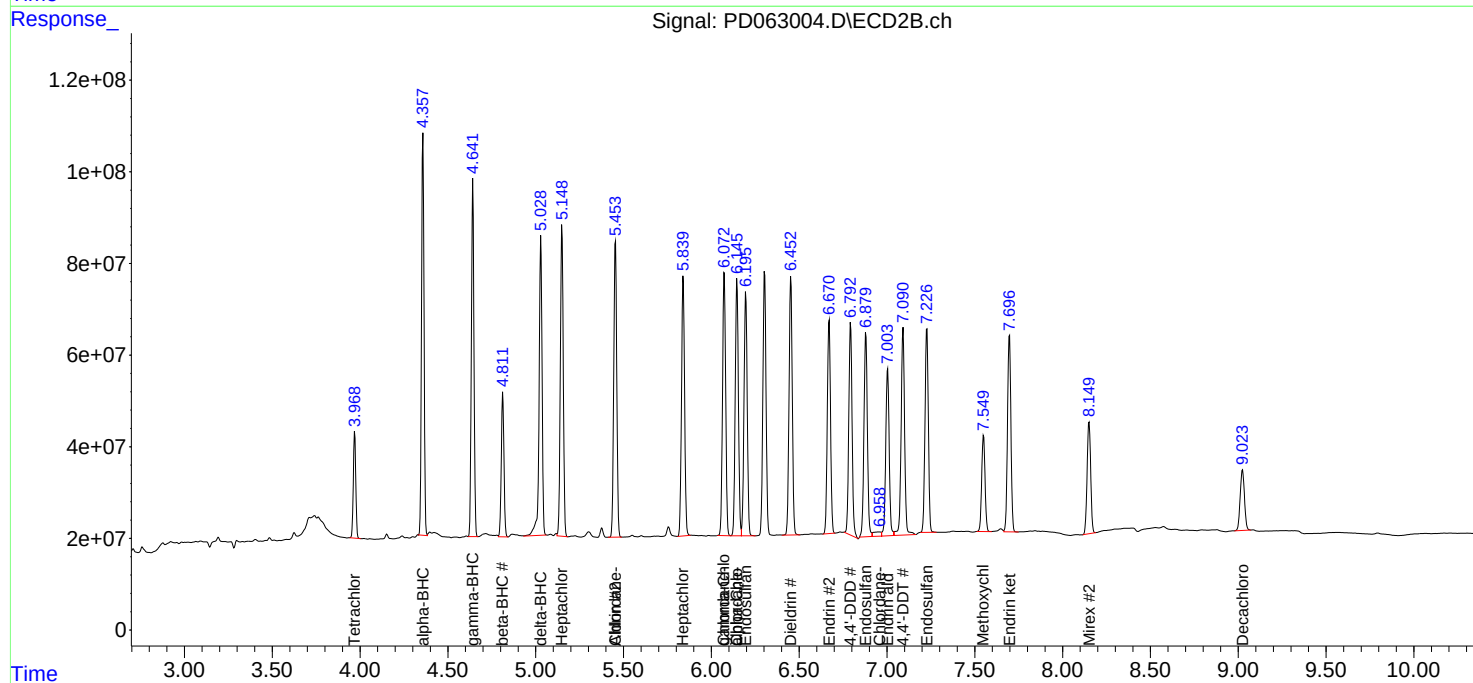
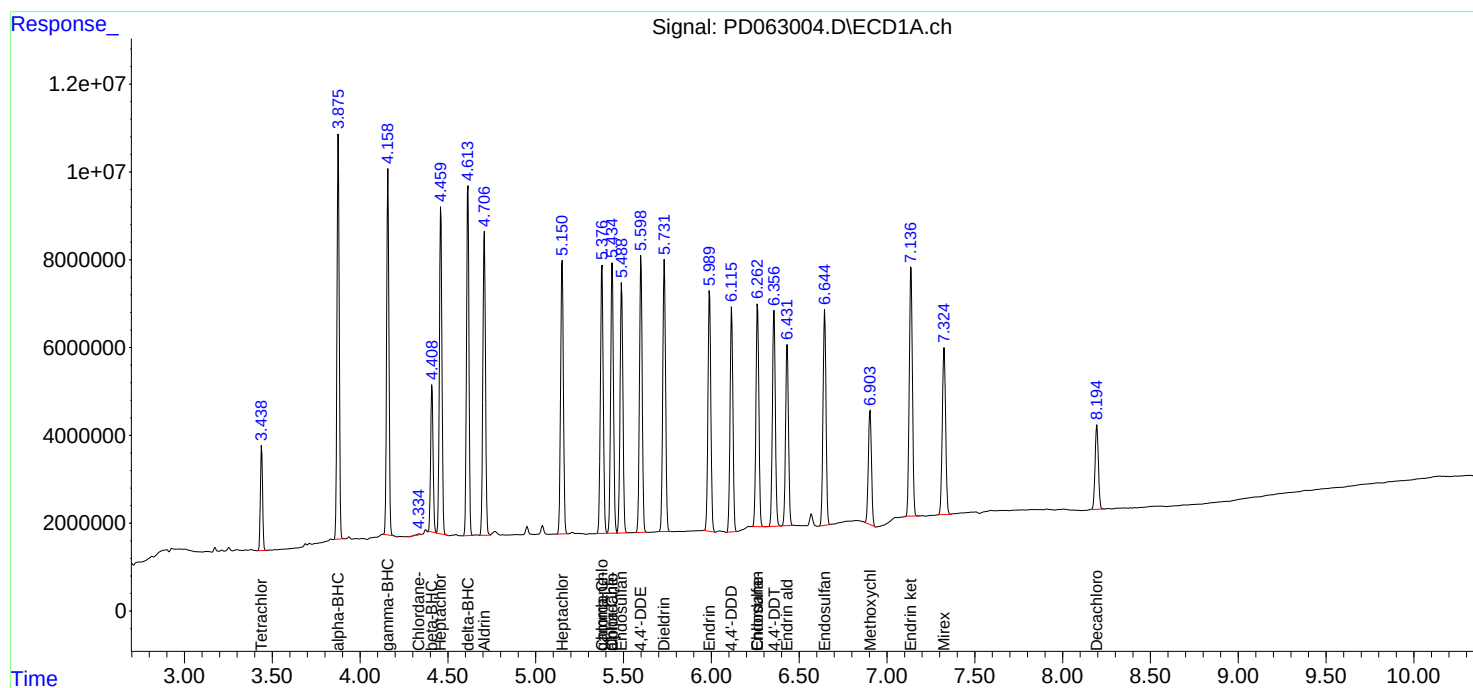
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

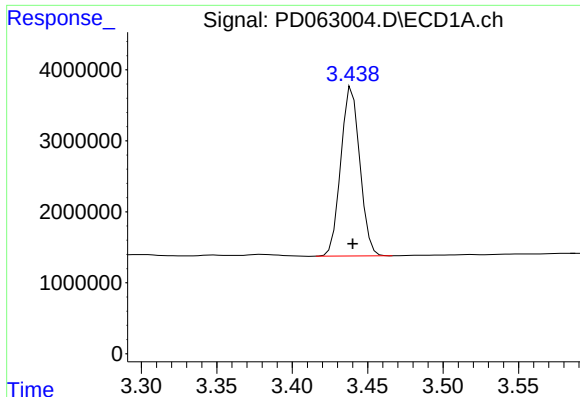
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051721\
 Data File : PD063004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2021 15:15
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 Sample : M2364-02MSD
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 AST2-COPR4-1MSD

Integration File signal 1: autoint1.e
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 Quant Time: May 18 07:15:12 2021
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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

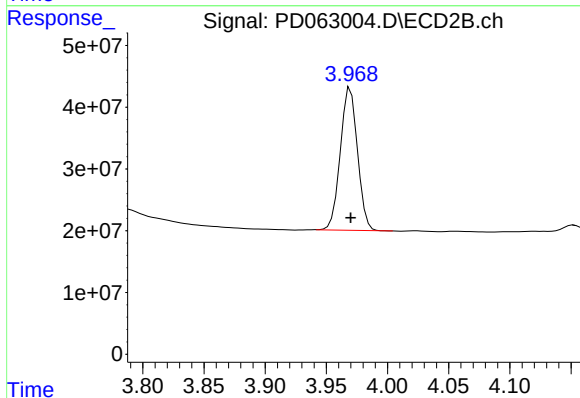




#1 Tetrachloro-m-xylene

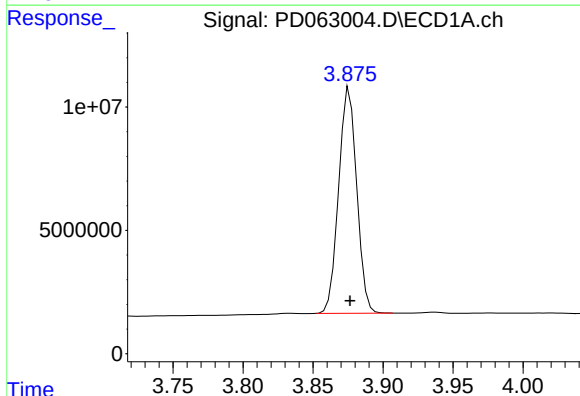
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 20943850
Conc: 19.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



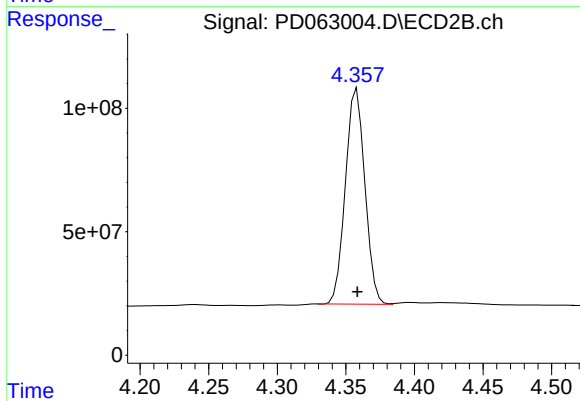
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 225333211
Conc: 19.45 ng/ml



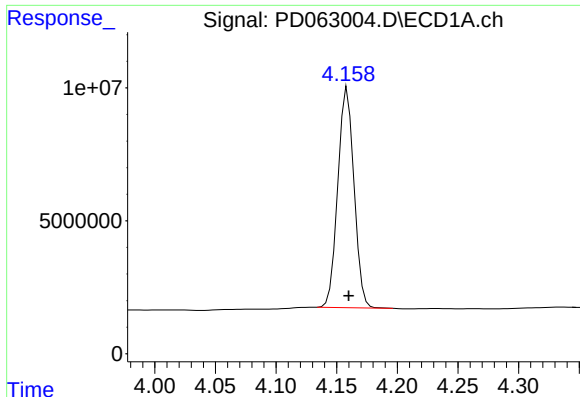
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 82357155
Conc: 47.50 ng/ml



#2 alpha-BHC

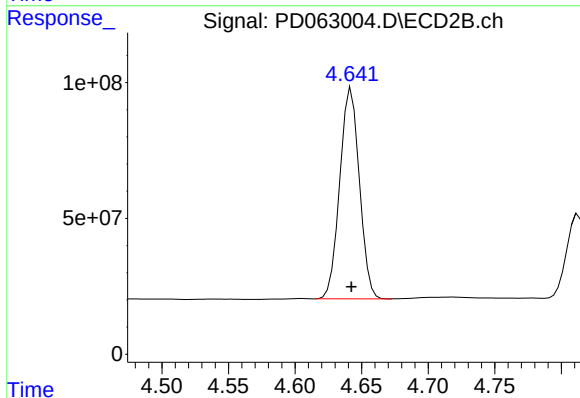
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 863329586
Conc: 44.84 ng/ml



#3 gamma-BHC (Lindane)

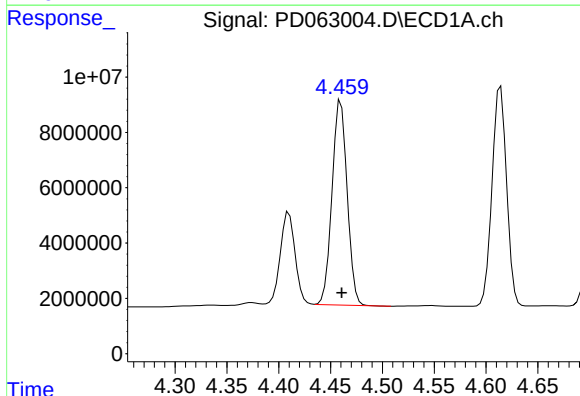
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 76881734
Conc: 47.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



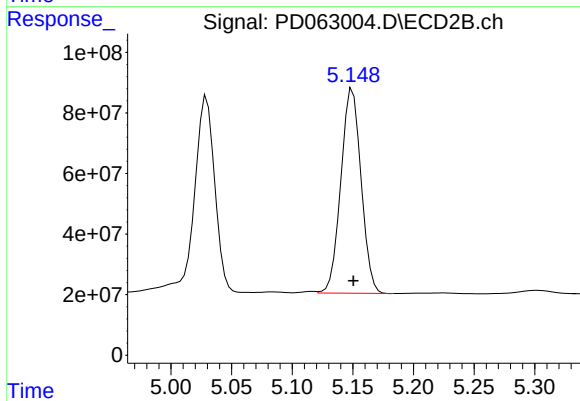
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 796600497
Conc: 46.16 ng/ml



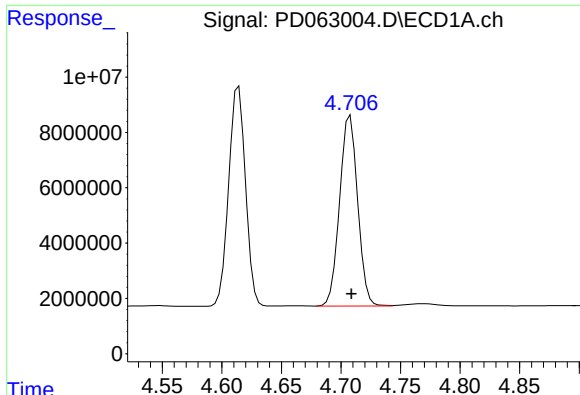
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 75198773
Conc: 47.80 ng/ml



#4 Heptachlor

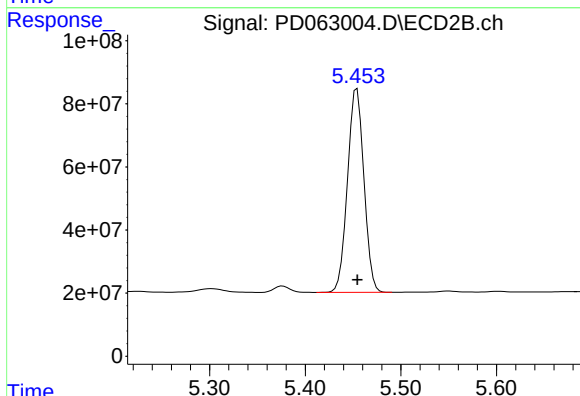
R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 783804707
Conc: 47.27 ng/ml



#5 Aldrin

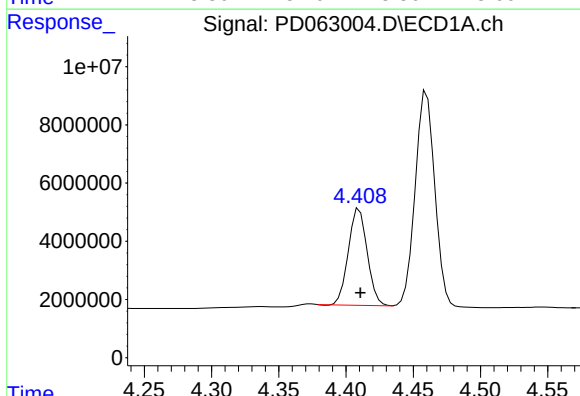
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 72564953
Conc: 47.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



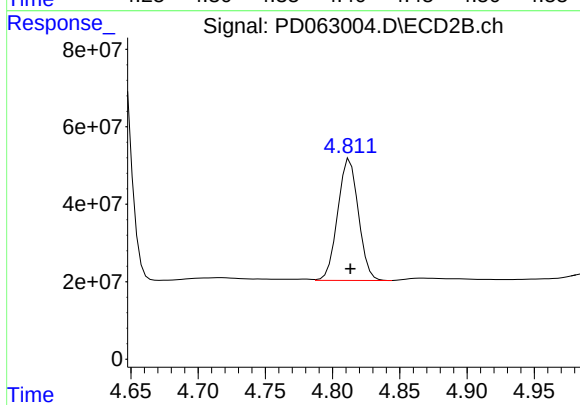
#5 Aldrin

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 774269484
Conc: 46.39 ng/ml



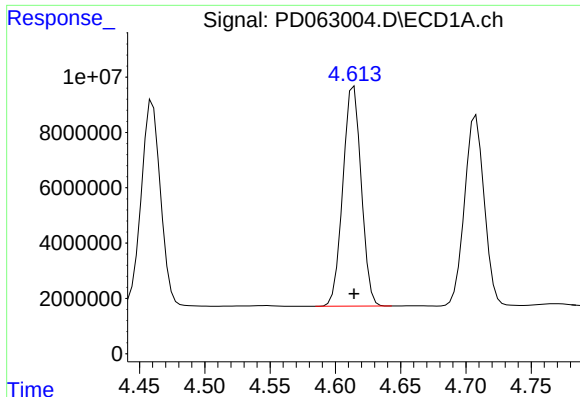
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 32505997
Conc: 40.30 ng/ml



#6 beta-BHC

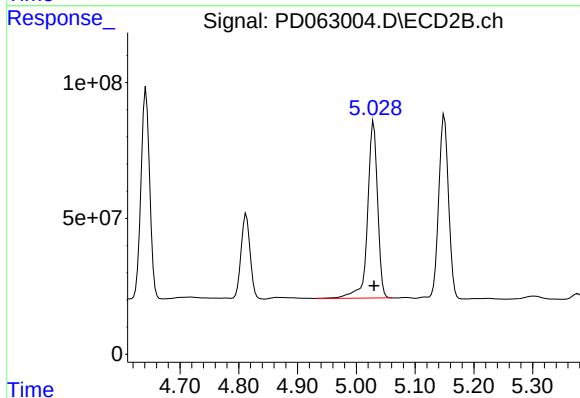
R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 334785053
Conc: 45.13 ng/ml



#7 delta-BHC

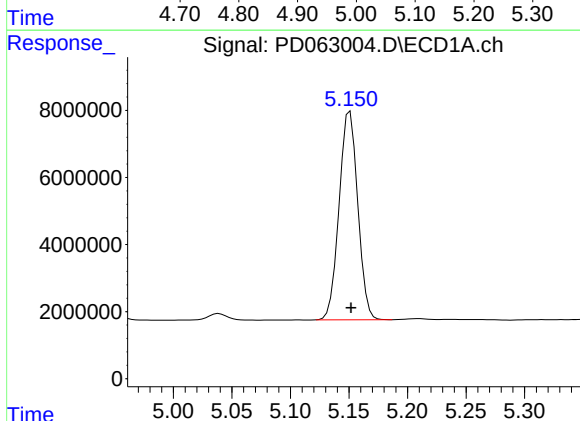
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 77801657
Conc: 47.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



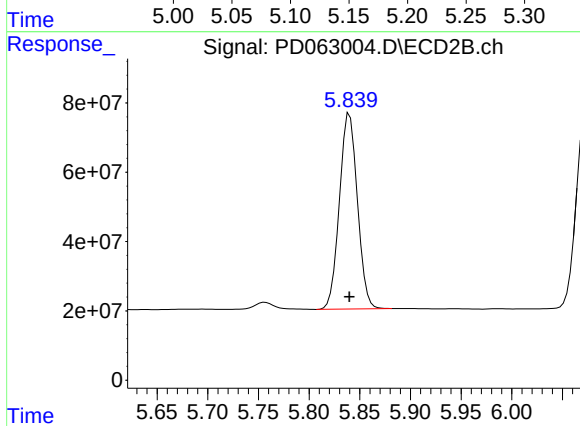
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 771922174
Conc: 55.25 ng/ml



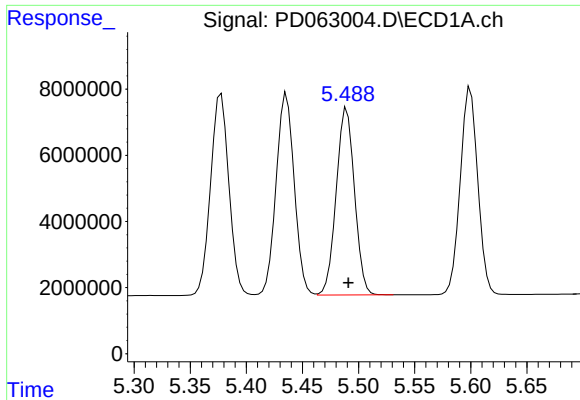
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 68917139
Conc: 47.82 ng/ml



#8 Heptachlor epoxide

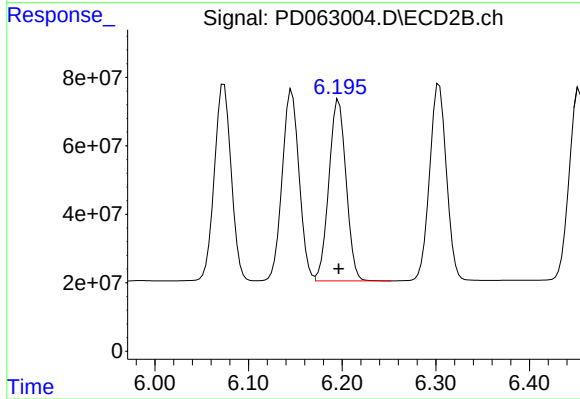
R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 696663480
Conc: 45.55 ng/ml



#9 Endosulfan I

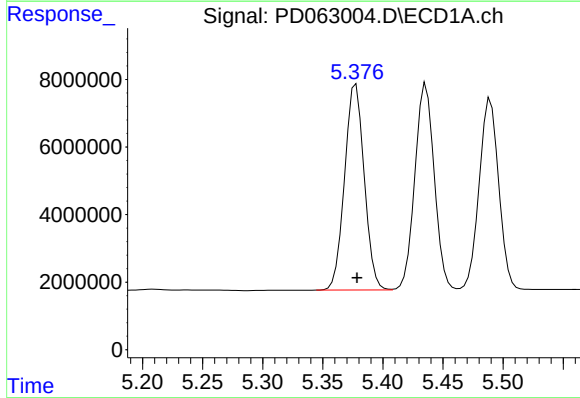
R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 64148834
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



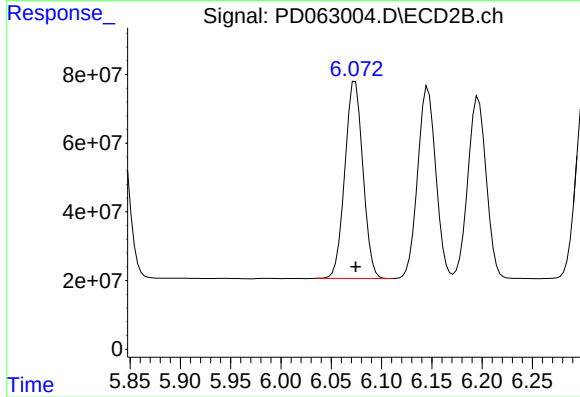
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 676228843
Conc: 47.61 ng/ml



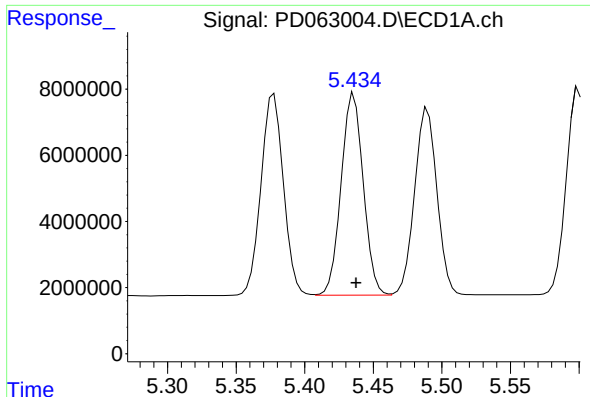
#10 gamma-Chlordane

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 69351771
Conc: 47.28 ng/ml



#10 gamma-Chlordane

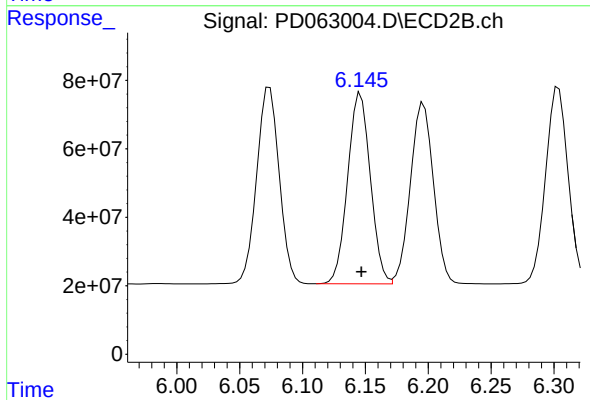
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 715976211
Conc: 45.93 ng/ml



#11 alpha-Chlordane

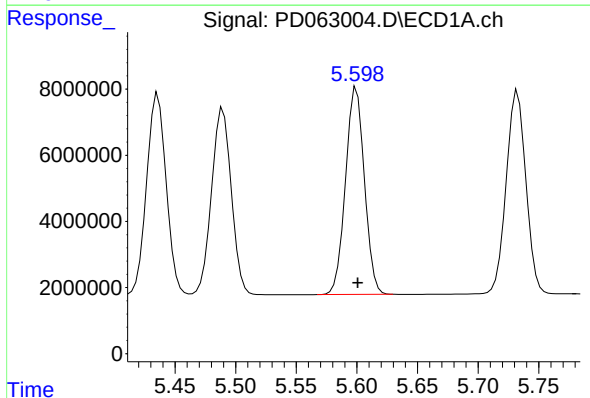
R.T.: 5.436 min
Delta R.T.: -0.002 min
Response: 68606623
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



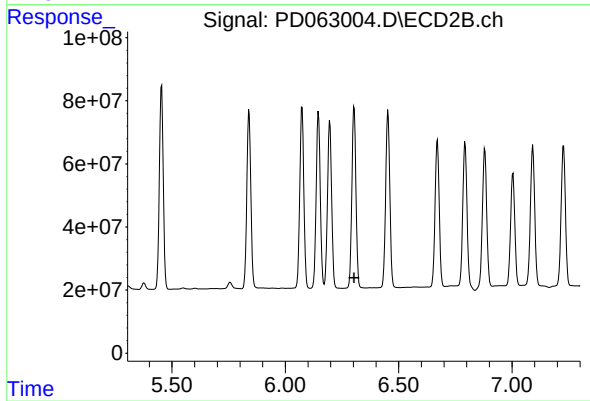
#11 alpha-Chlordane

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 700827313
Conc: 47.29 ng/ml



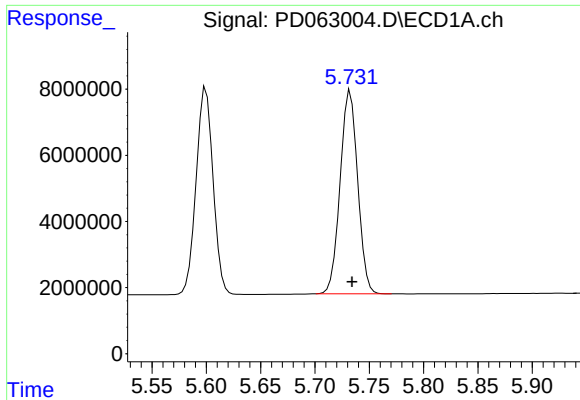
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 67902125
Conc: 47.33 ng/ml



#12 4,4'-DDE

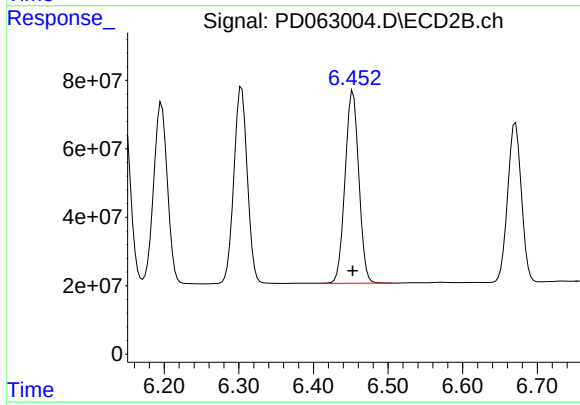
R.T.: 0.000 min
Exp R.T.: 6.304 min
Response: 0
Conc: N.D.



#13 Dieldrin

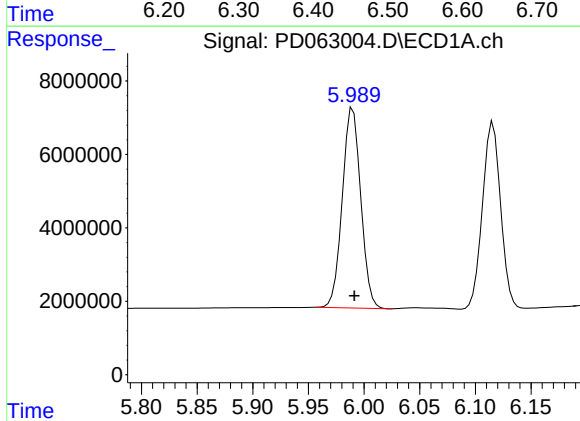
R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 69261075
Conc: 46.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



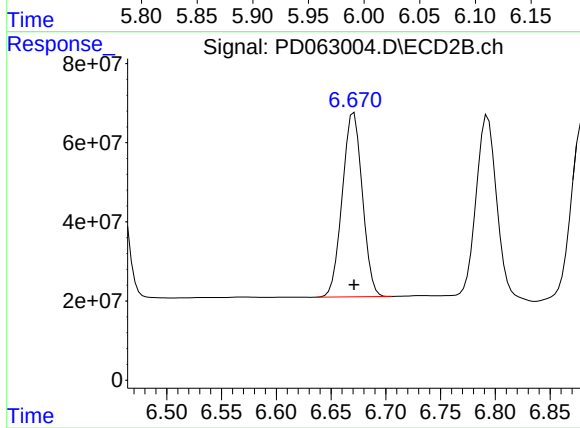
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 719250444
Conc: 47.43 ng/ml



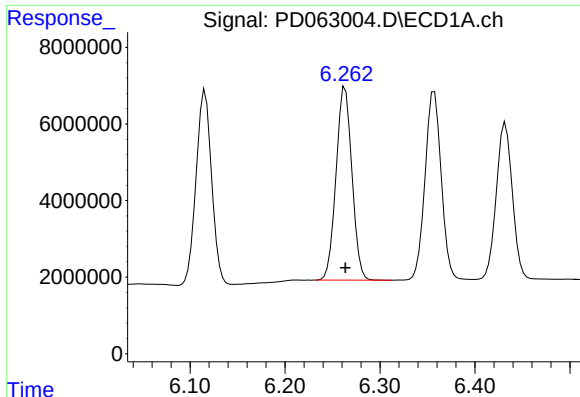
#14 Endrin

R.T.: 5.990 min
Delta R.T.: -0.001 min
Response: 62922259
Conc: 47.05 ng/ml



#14 Endrin

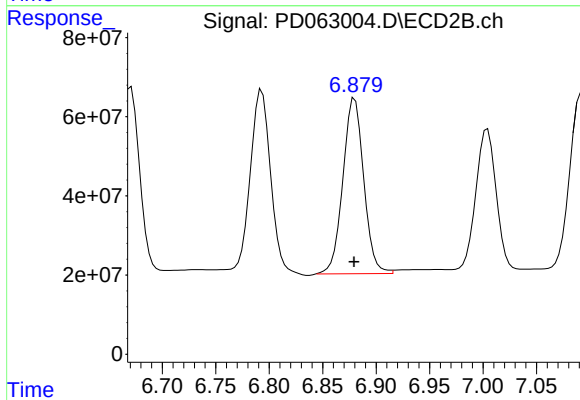
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 593622401
Conc: 46.53 ng/ml



#15 Endosulfan II

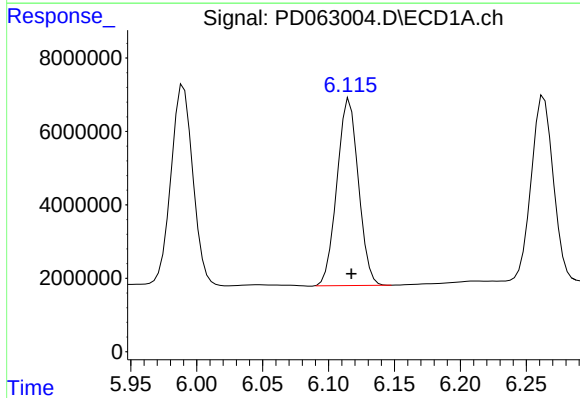
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 58719948
Conc: 47.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



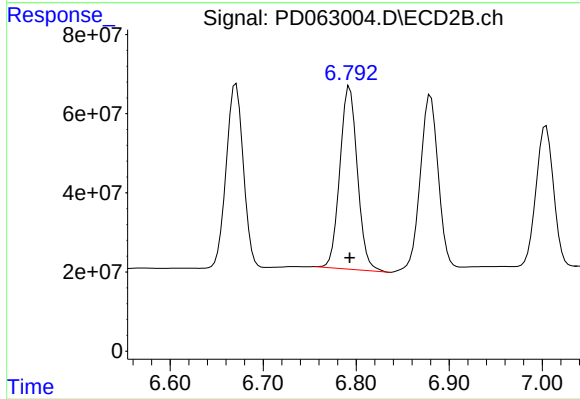
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 602287421
Conc: 50.23 ng/ml



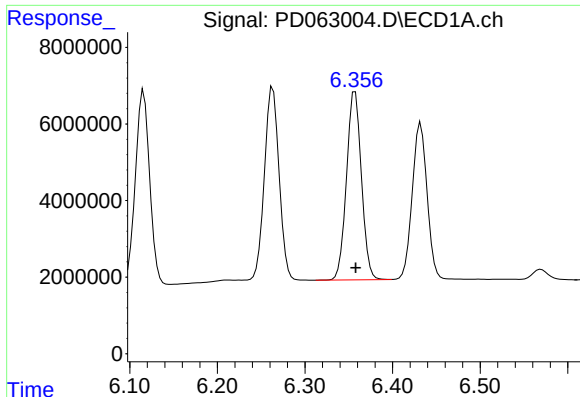
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 57576533
Conc: 47.86 ng/ml



#16 4,4'-DDD

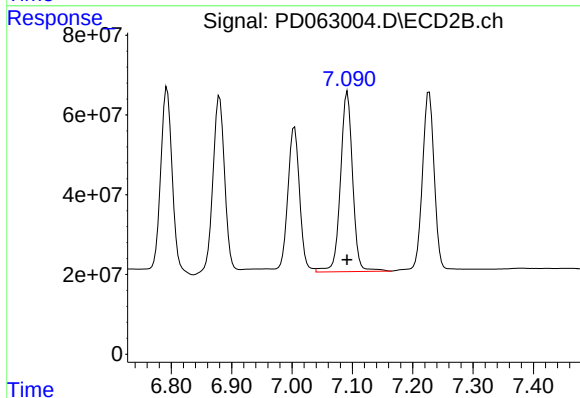
R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 606739243
Conc: 50.01 ng/ml



#17 4,4'-DDT

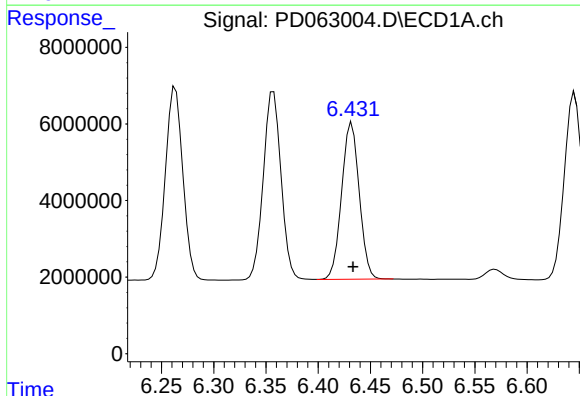
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 58231787
Conc: 50.95 ng/ml

Instrument :
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ClientSampleId :
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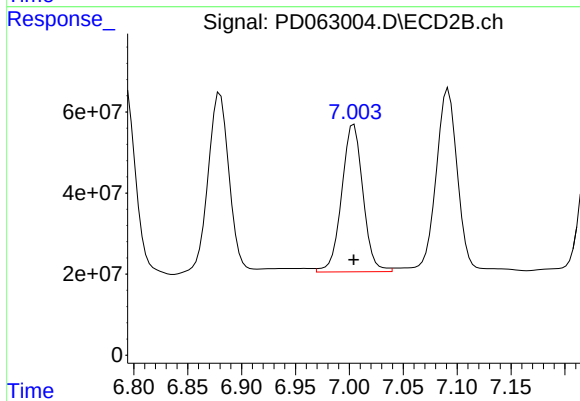
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 632476686
Conc: 56.09 ng/ml



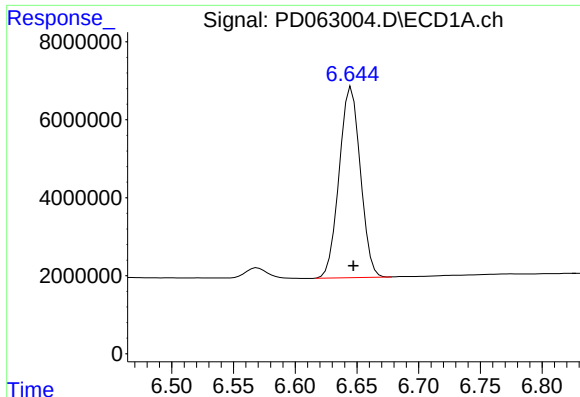
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 48023646
Conc: 45.18 ng/ml



#18 Endrin aldehyde

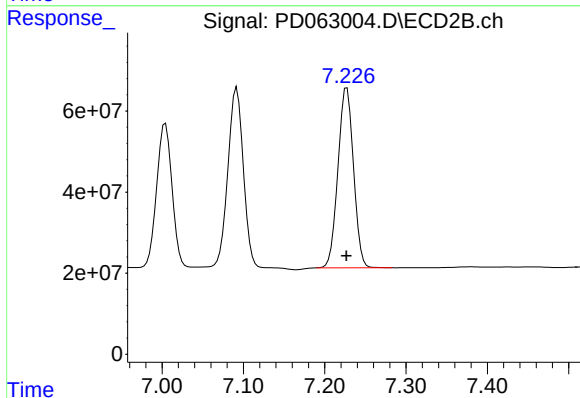
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 500109573
Conc: 49.10 ng/ml



#19 Endosulfan Sulfate

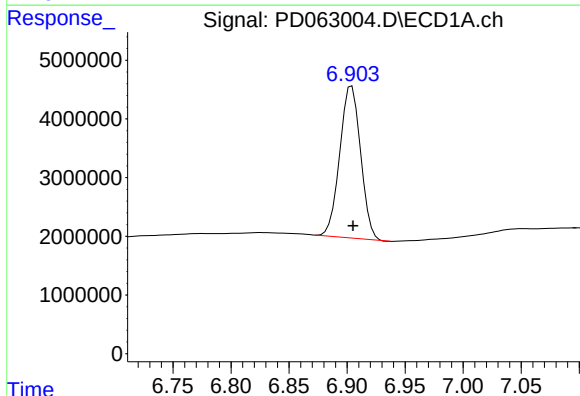
R.T.: 6.646 min
Delta R.T.: -0.002 min
Response: 58371167
Conc: 48.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



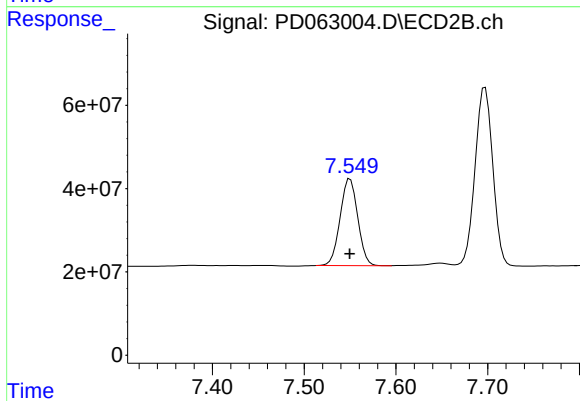
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 590356788
Conc: 48.11 ng/ml



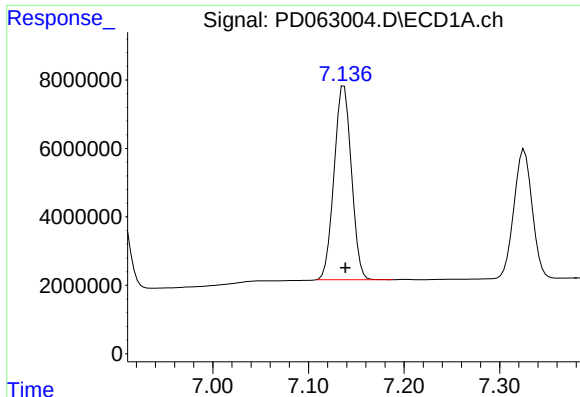
#20 Methoxychlor

R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 32431951
Conc: 48.33 ng/ml



#20 Methoxychlor

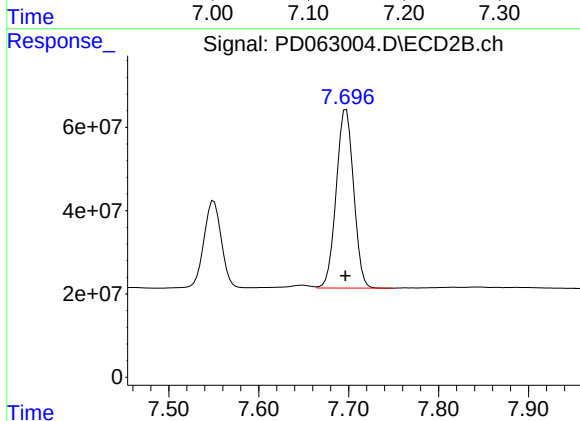
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 278591319
Conc: 48.56 ng/ml



#21 Endrin ketone

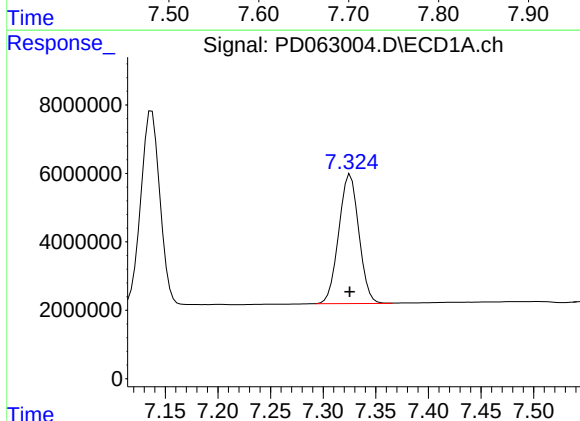
R.T.: 7.137 min
Delta R.T.: -0.001 min
Response: 71254863
Conc: 48.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



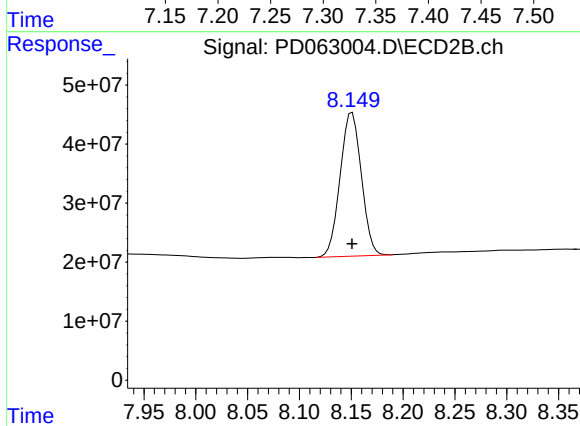
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 575572013
Conc: 47.98 ng/ml



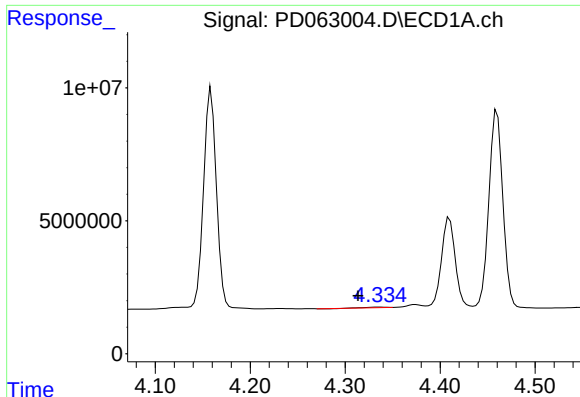
#22 Mirex

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 50350404
Conc: 46.92 ng/ml



#22 Mirex

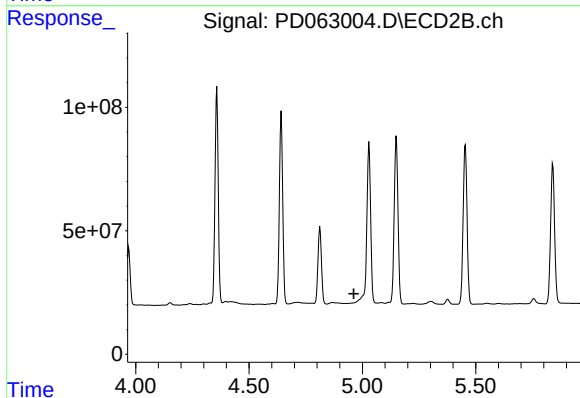
R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 346560244
Conc: 45.57 ng/ml



#23 Chlordane-1

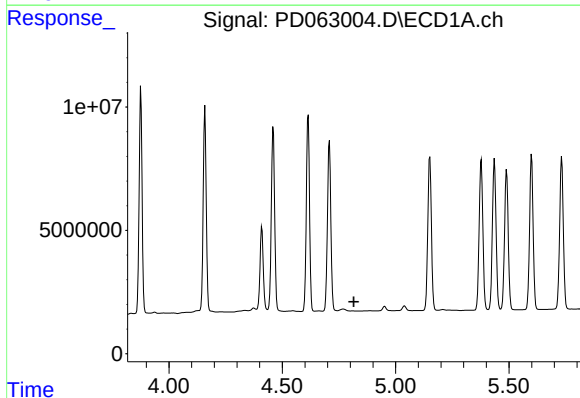
R.T.: 4.336 min
Delta R.T.: 0.023 min
Response: 168077
Conc: 4.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



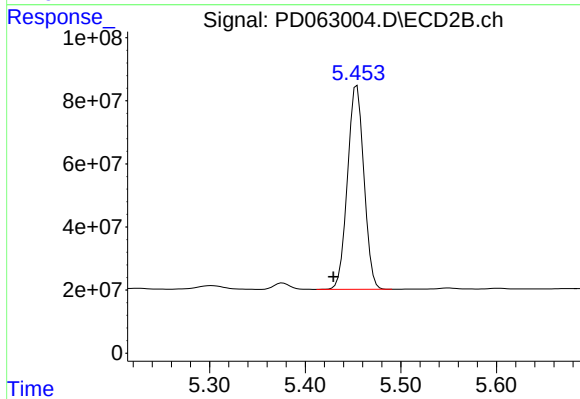
#23 Chlordane-1

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



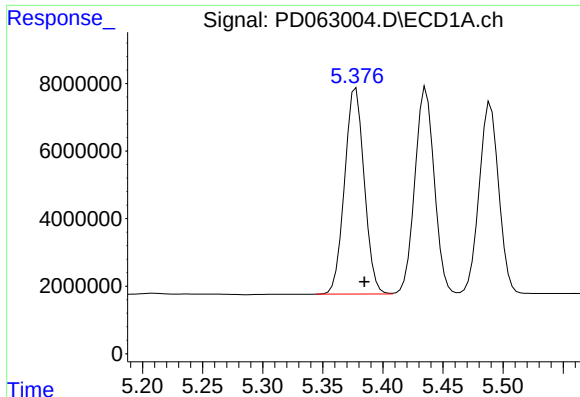
#24 Chlordane-2

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



#24 Chlordane-2

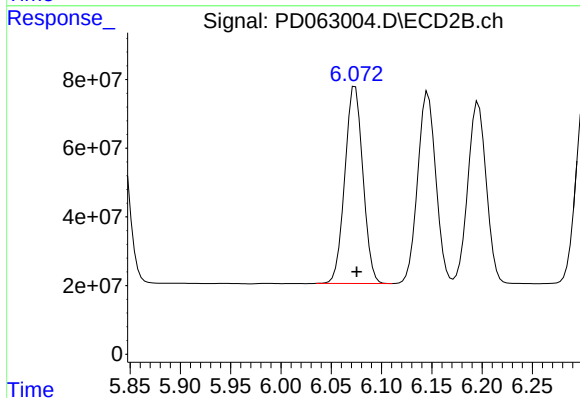
R.T.: 5.454 min
Delta R.T.: 0.025 min
Response: 774269484
Conc: 1588.56 ng/ml



#25 Chlordane-3

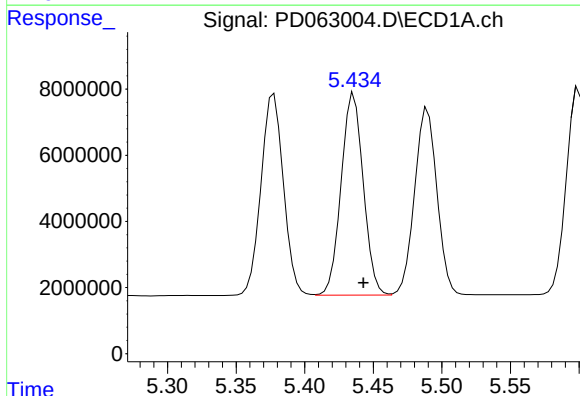
R.T.: 5.378 min
Delta R.T.: -0.007 min
Response: 69351771
Conc: 482.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



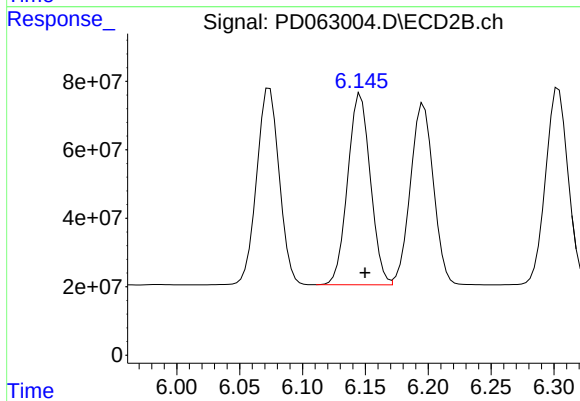
#25 Chlordane-3

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 715976211
Conc: 349.22 ng/ml



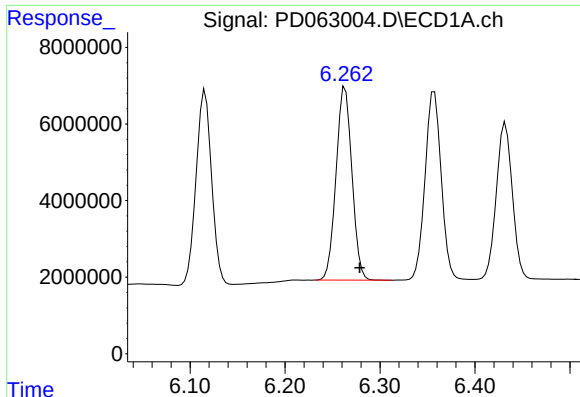
#26 Chlordane-4

R.T.: 5.436 min
Delta R.T.: -0.007 min
Response: 68606623
Conc: 581.45 ng/ml



#26 Chlordane-4

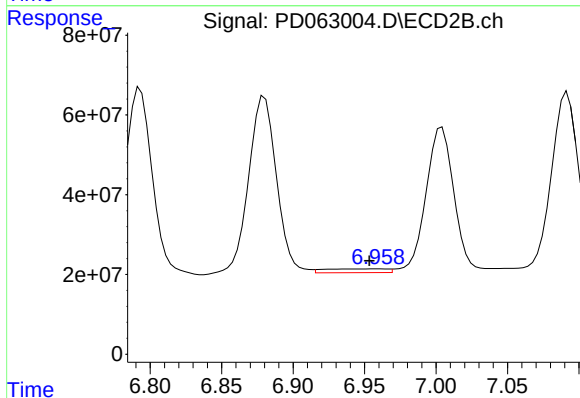
R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 700827313
Conc: 297.93 ng/ml



#27 Chlordane-5

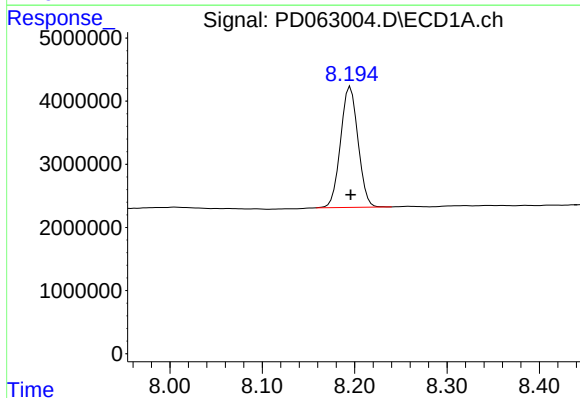
R.T.: 6.263 min
Delta R.T.: -0.015 min
Response: 58719948
Conc: 1278.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
AST2-COPR4-1MSD



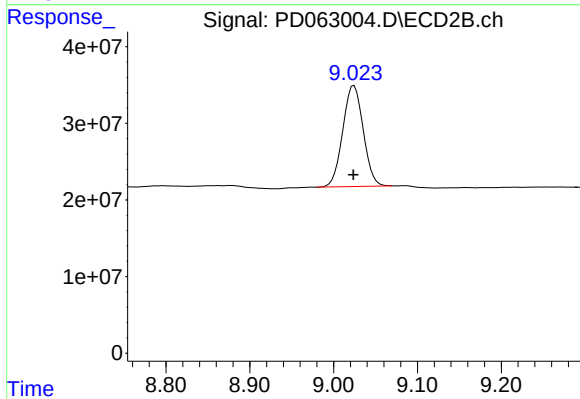
#27 Chlordane-5

R.T.: 6.959 min
Delta R.T.: 0.006 min
Response: 28963930
Conc: 67.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 25132119
Conc: 19.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 224225675
Conc: 21.98 ng/ml