

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090889.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 17:11
 Operator : AR\AJ
 Sample : PB170287BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170287BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:45:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 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...	3.543	2.873	45604560	450.6E6	14.644	15.132
28)	SA Decachlor...	9.062	8.058	91954029	592.4E6	19.657	19.556
Target Compounds							
2)	A alpha-BHC	3.992	3.385	338.2E6	2299.9E6	47.123	45.012
3)	MA gamma-BHC...	4.323	3.721	315.4E6	2128.9E6	46.386	45.056
4)	MA Heptachlor	4.921	4.073	305.9E6	2035.3E6	54.731	45.631
5)	MB Aldrin	5.262	4.358	305.9E6	2074.7E6	46.717	44.791
6)	B beta-BHC	4.510	4.017	119.7E6	884.4E6	45.678	44.602
7)	B delta-BHC	4.759	4.253	323.3E6	2160.4E6	47.817	45.275
8)	B Heptachlo...	5.682	4.862	281.7E6	1918.7E6	48.655	44.999
9)	A Endosulfan I	6.066	5.236	259.6E6	1728.3E6	46.891	43.877
10)	B gamma-Chl...	5.938	5.114	271.1E6	2018.4E6	45.715	44.904
11)	B alpha-Chl...	6.018	5.179	310.8E6	1927.6E6	50.296	44.686
12)	B 4,4'-DDE	6.188	5.363	246.8E6	1986.0E6	46.342	45.302
13)	MA Dieldrin	6.338	5.501	273.7E6	1999.4E6	46.941	45.253
14)	MA Endrin	6.566	5.778	223.4E6	1781.0E6	45.107	43.983
15)	B Endosulfa...	6.779	6.069	227.7E6	1689.1E6	45.549	44.976
16)	A 4,4'-DDD	6.698	5.918	202.9E6	1744.5E6	50.042	47.876
17)	MA 4,4'-DDT	7.014	6.171	182.1E6	1507.6E6	44.301	42.985
18)	B Endrin al...	6.907	6.247	175.6E6	1273.1E6	47.948	45.971
19)	B Endosulfa...	7.142	6.472	214.6E6	1626.8E6	46.268	45.383
20)	A Methoxychlor	7.486	6.742	95246582	758.6E6	44.810	43.528
21)	B Endrin ke...	7.623	6.980	235.8E6	1754.9E6	48.535	46.526
22)	Mirex	8.105	7.173	156.0E6	1248.0E6	48.737	48.576
23)	Chlordane-1	0.000	3.889	0	1120721	N.D.	0.899 #
24)	Chlordane-2	5.262f	4.497	305.9E6	36361299	1583.739	27.873 #
25)	Chlordane-3	5.938	5.114	271.1E6	2018.4E6	355.476	518.660 #
26)	Chlordane-4	6.018	5.179	310.8E6	1927.6E6	320.822	576.925 #
27)	Chlordane-5	6.859	6.069	821455	1689.1E6	5.467	1144.336 #

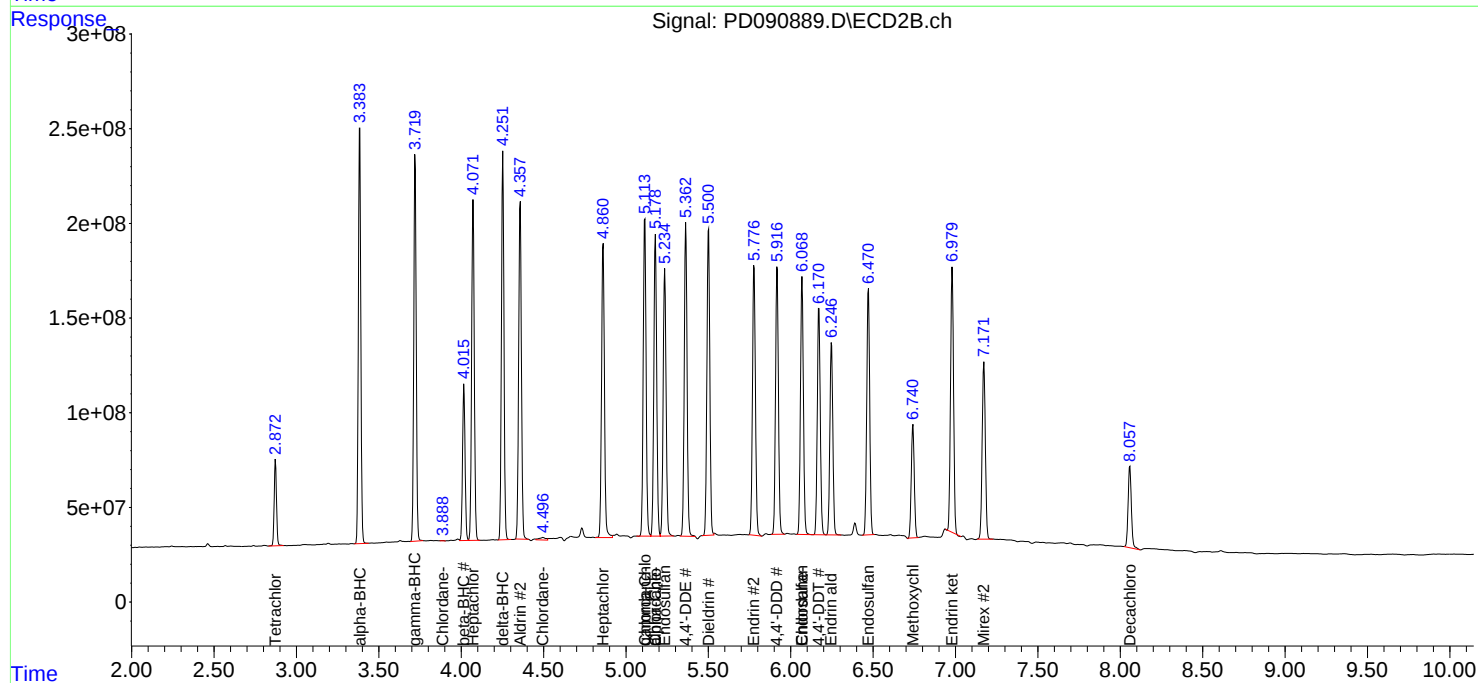
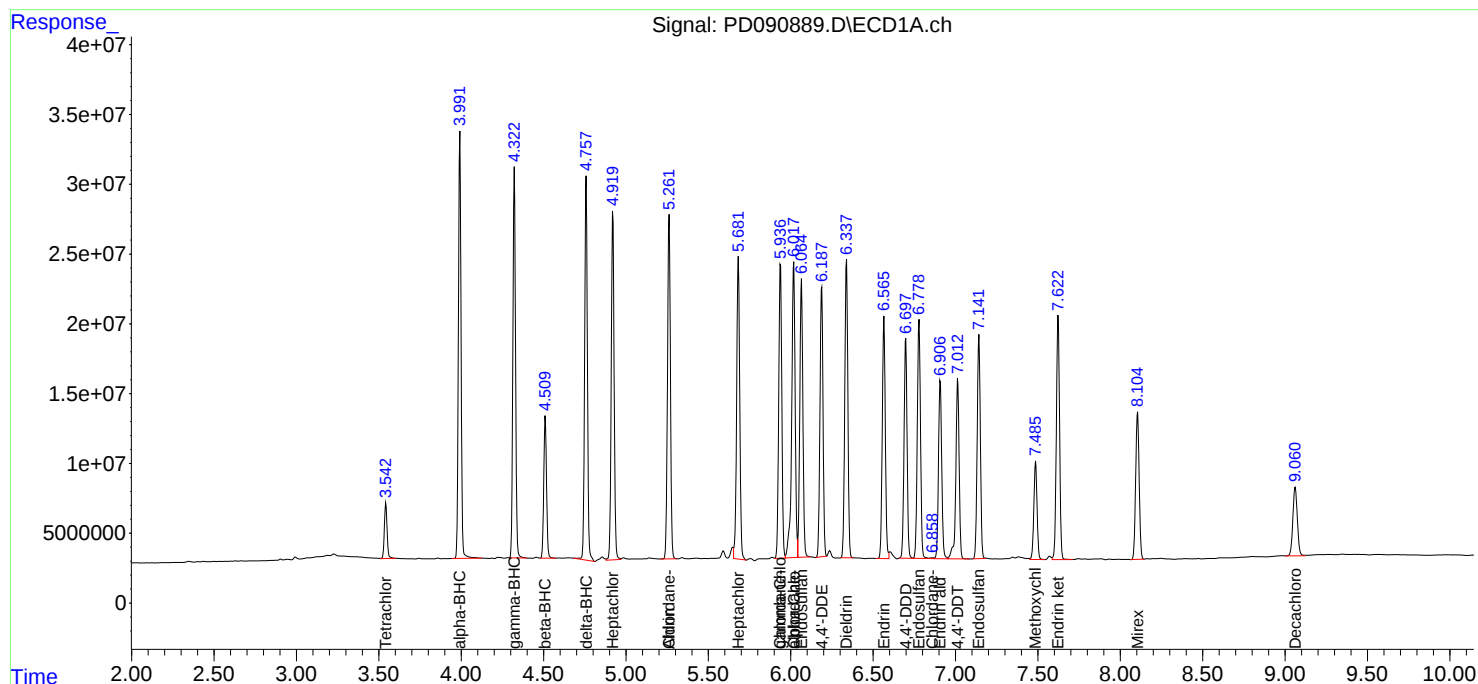
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

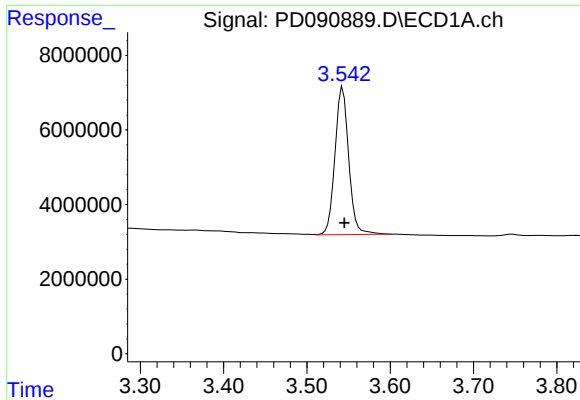
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 17:11
Operator : AR\AJ
Sample : PB170287BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:45:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
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QLast Update : Fri Oct 17 17:43:28 2025
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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

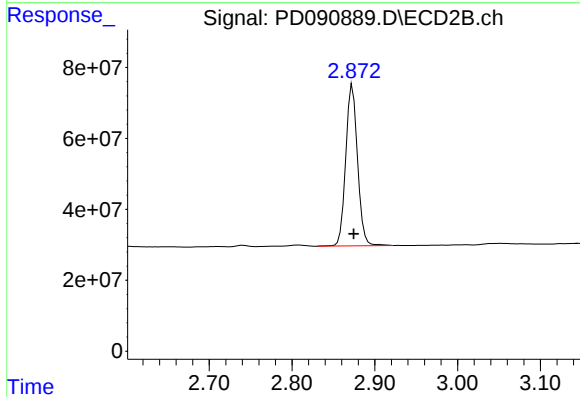




#1 Tetrachloro-m-xylene

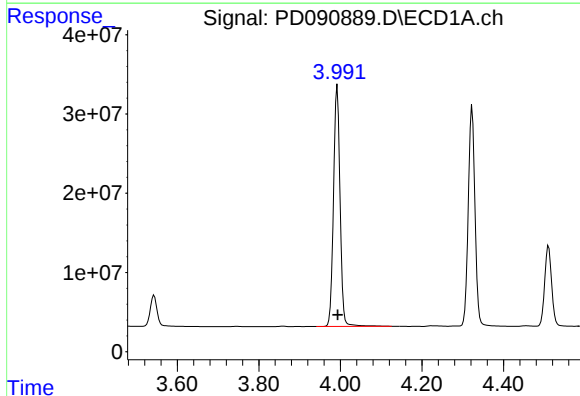
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 45604560
Conc: 14.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



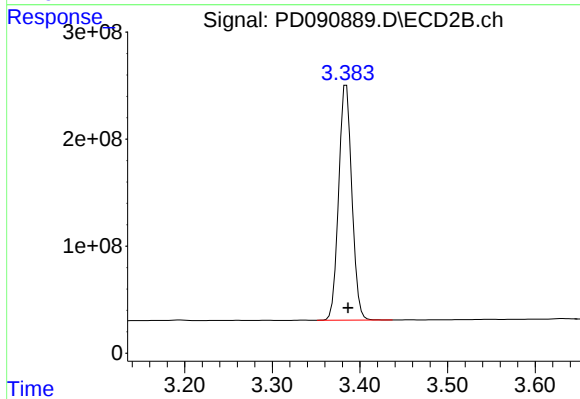
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 450599126
Conc: 15.13 ng/ml



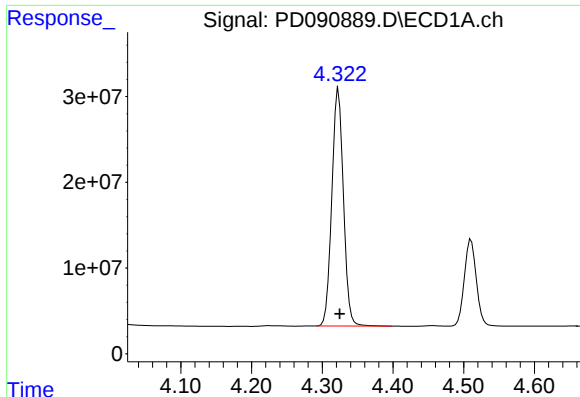
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 338209769
Conc: 47.12 ng/ml



#2 alpha-BHC

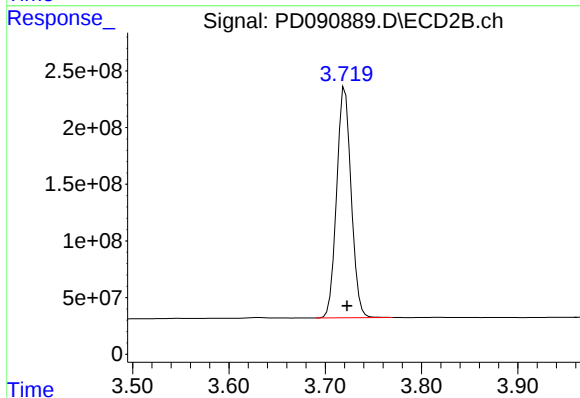
R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2299908899
Conc: 45.01 ng/ml



#3 gamma-BHC (Lindane)

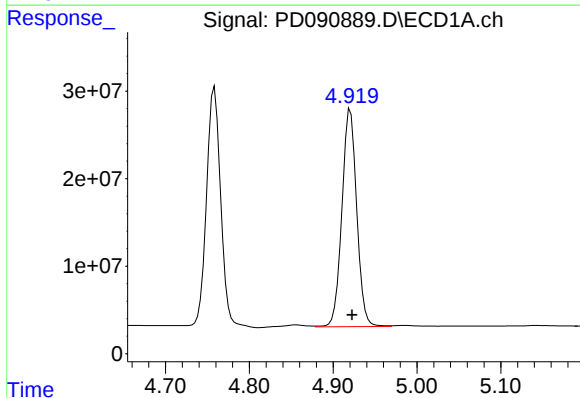
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 315367686
Conc: 46.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



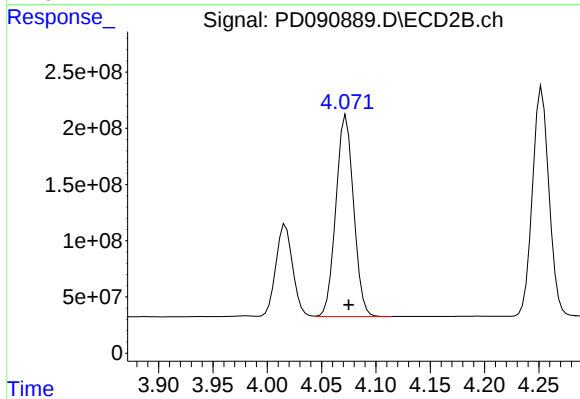
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2128859769
Conc: 45.06 ng/ml



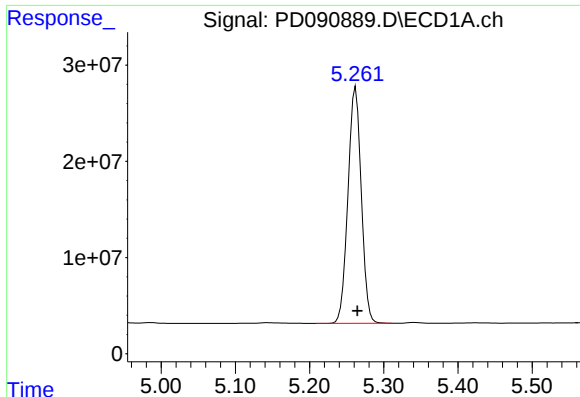
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 305922259
Conc: 54.73 ng/ml



#4 Heptachlor

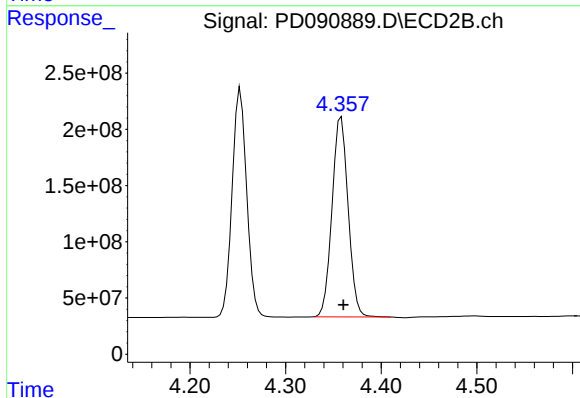
R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2035271161
Conc: 45.63 ng/ml



#5 Aldrin

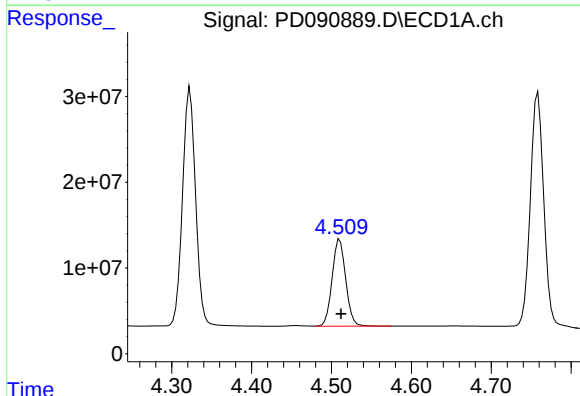
R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 305867116
Conc: 46.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



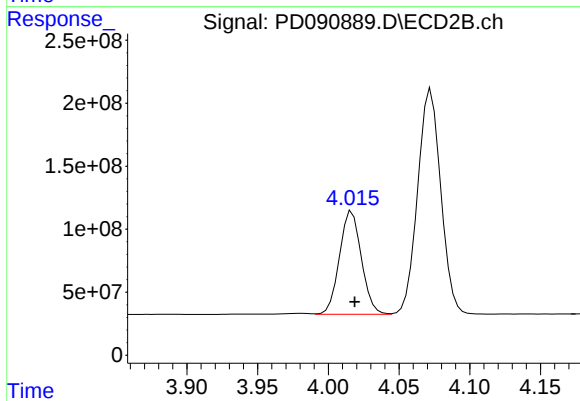
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2074686886
Conc: 44.79 ng/ml



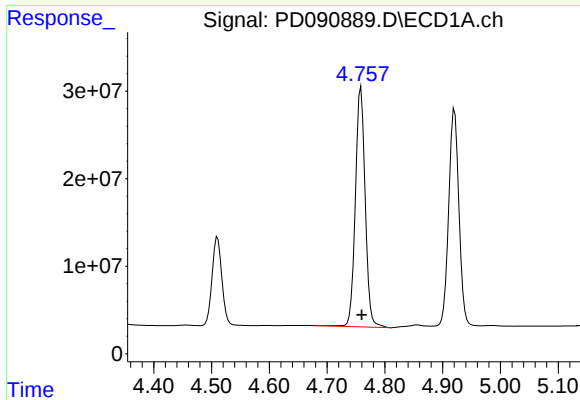
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 119659815
Conc: 45.68 ng/ml



#6 beta-BHC

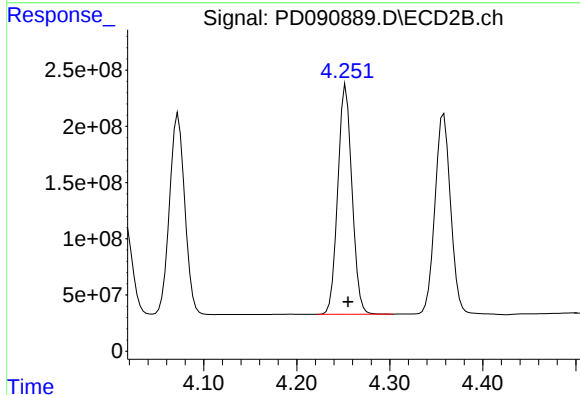
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 884437073
Conc: 44.60 ng/ml



#7 delta-BHC

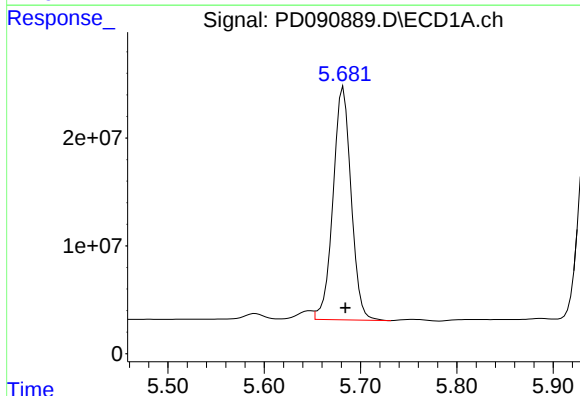
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 323325390
Conc: 47.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



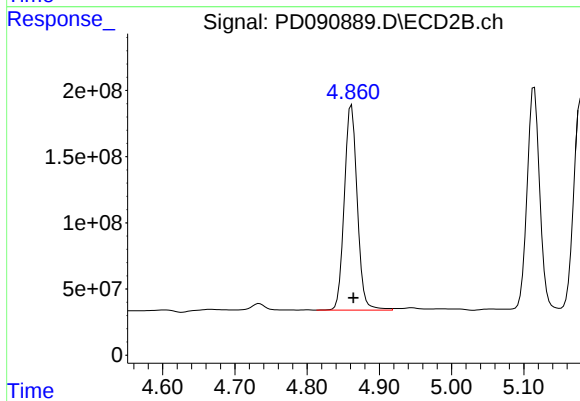
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2160375456
Conc: 45.28 ng/ml



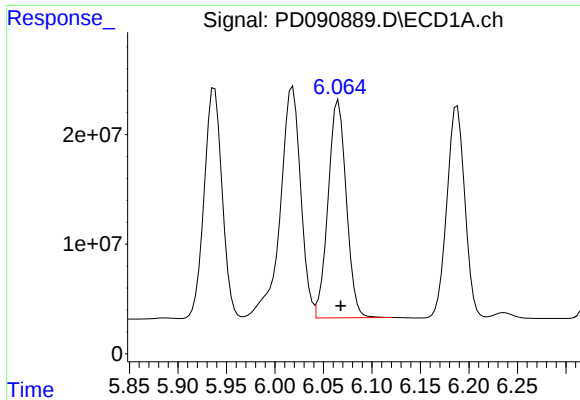
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 281666557
Conc: 48.65 ng/ml



#8 Heptachlor epoxide

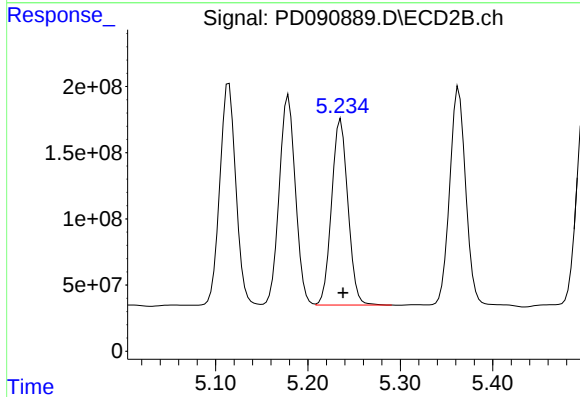
R.T.: 4.862 min
Delta R.T.: -0.003 min
Response: 1918728182
Conc: 45.00 ng/ml



#9 Endosulfan I

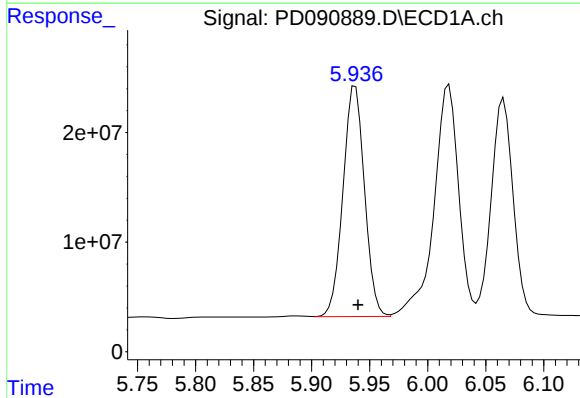
R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 259617646
Conc: 46.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



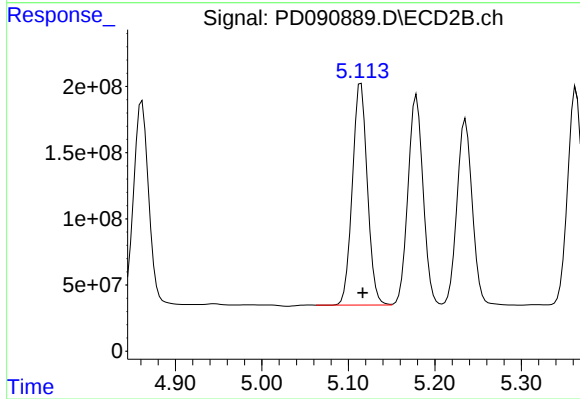
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1728334997
Conc: 43.88 ng/ml



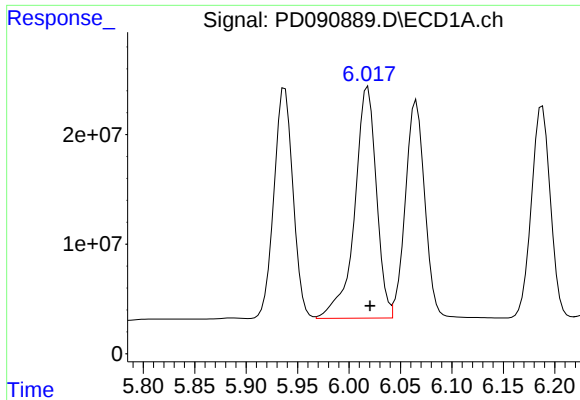
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 271143522
Conc: 45.71 ng/ml



#10 gamma-Chlordane

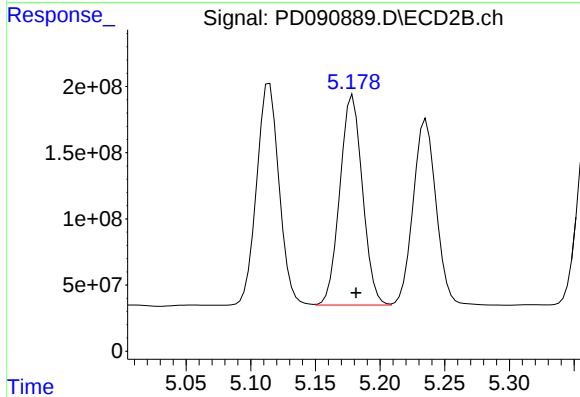
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 2018402093
Conc: 44.90 ng/ml



#11 alpha-Chlordane

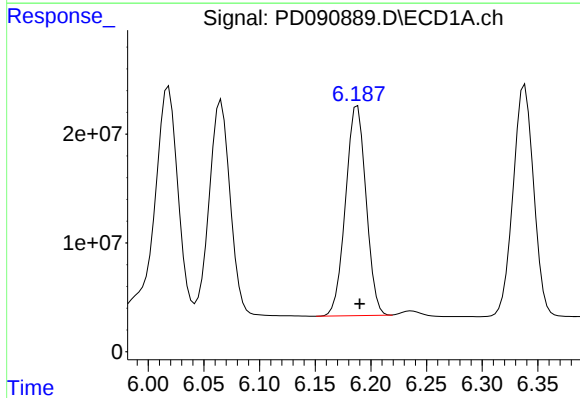
R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 310839514
Conc: 50.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



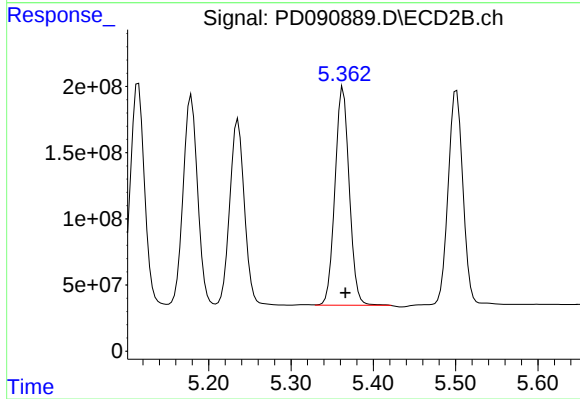
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 1927642893
Conc: 44.69 ng/ml



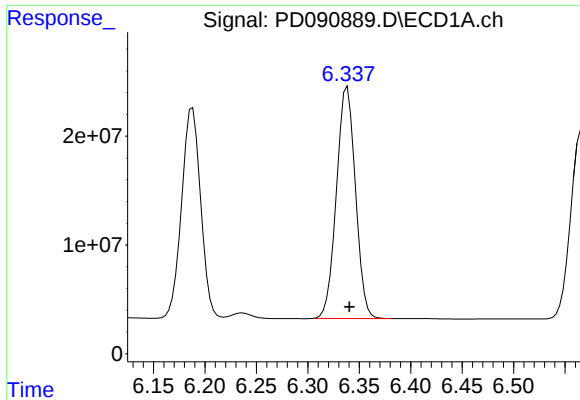
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 246848959
Conc: 46.34 ng/ml



#12 4,4'-DDE

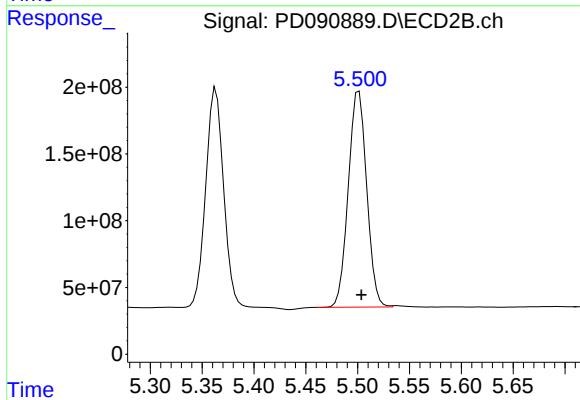
R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 1985971582
Conc: 45.30 ng/ml



#13 Dieldrin

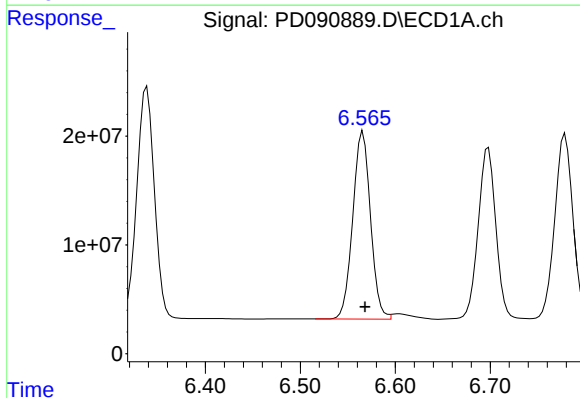
R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 273731373
Conc: 46.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



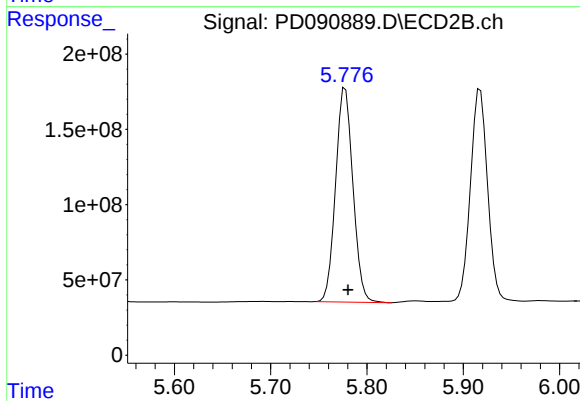
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 1999448161
Conc: 45.25 ng/ml



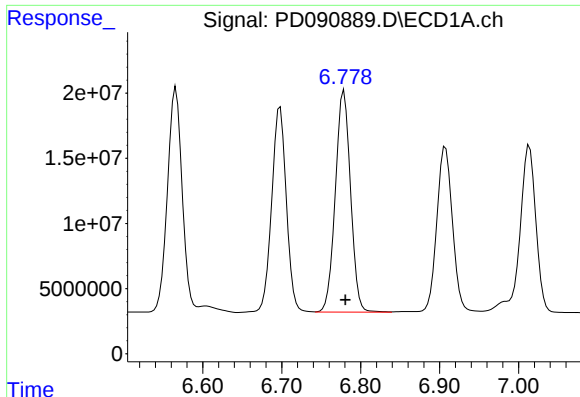
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 223448138
Conc: 45.11 ng/ml



#14 Endrin

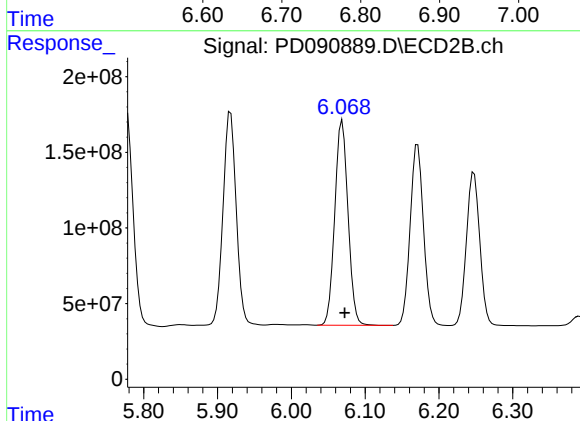
R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 1781040960
Conc: 43.98 ng/ml



#15 Endosulfan II

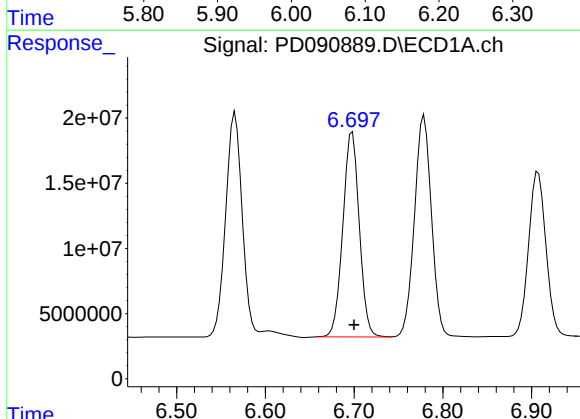
R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 227744268
Conc: 45.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



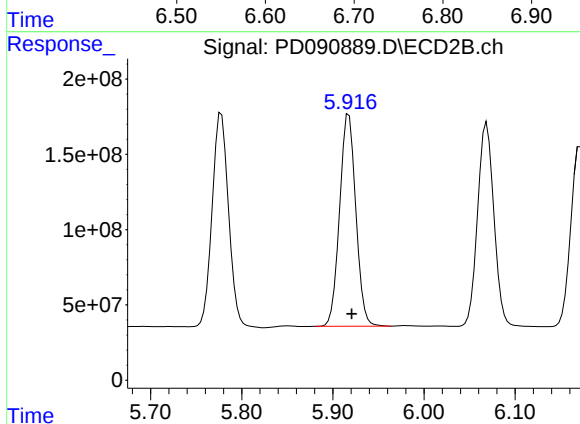
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1689077869
Conc: 44.98 ng/ml



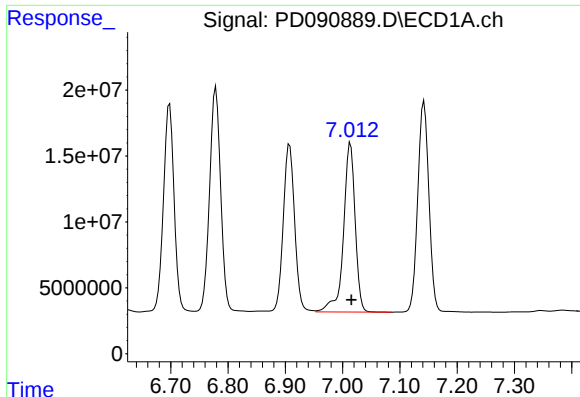
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 202879101
Conc: 50.04 ng/ml



#16 4,4'-DDD

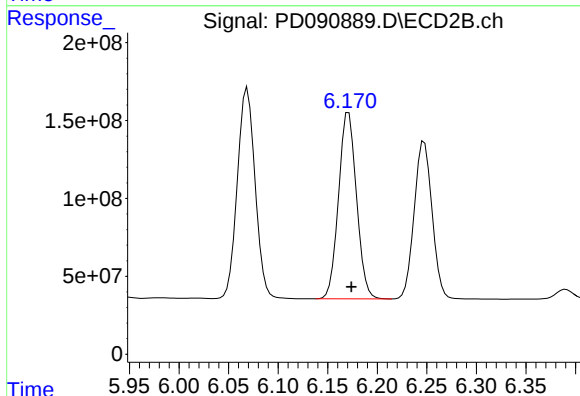
R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1744518103
Conc: 47.88 ng/ml



#17 4,4'-DDT

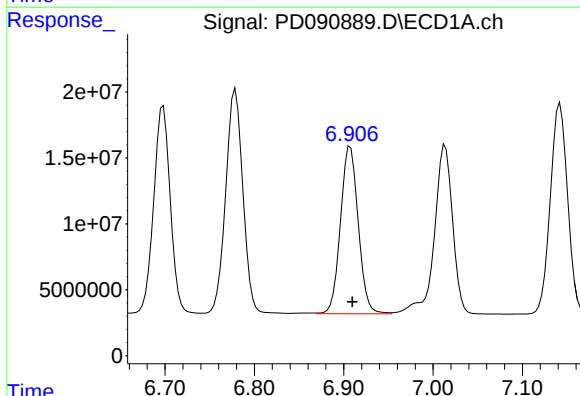
R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 182097849
Conc: 44.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



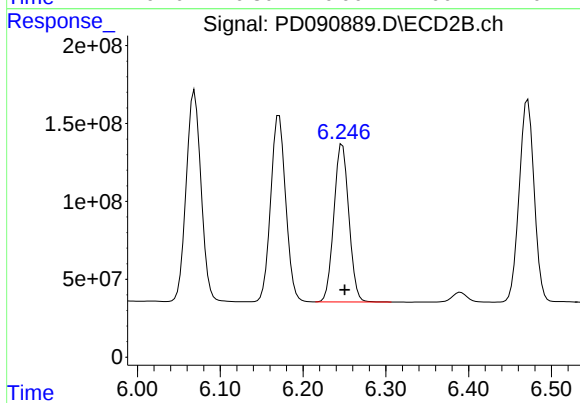
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1507627002
Conc: 42.99 ng/ml



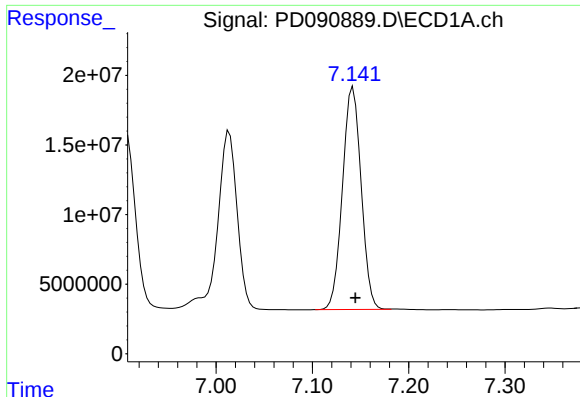
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 175619156
Conc: 47.95 ng/ml



#18 Endrin aldehyde

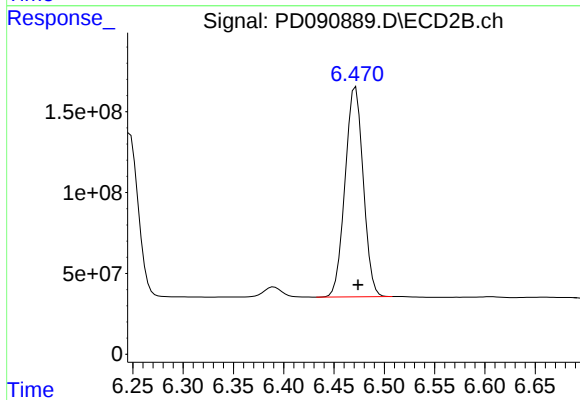
R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1273075162
Conc: 45.97 ng/ml



#19 Endosulfan Sulfate

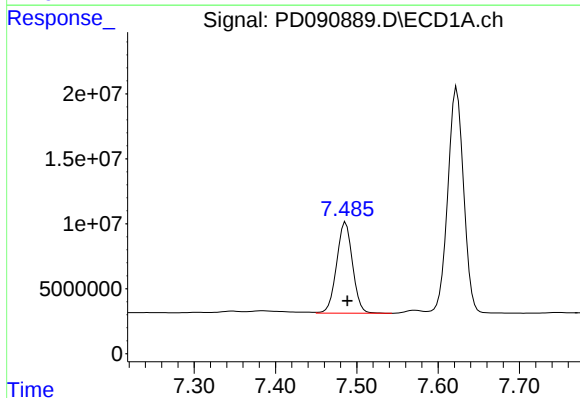
R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 214601288
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



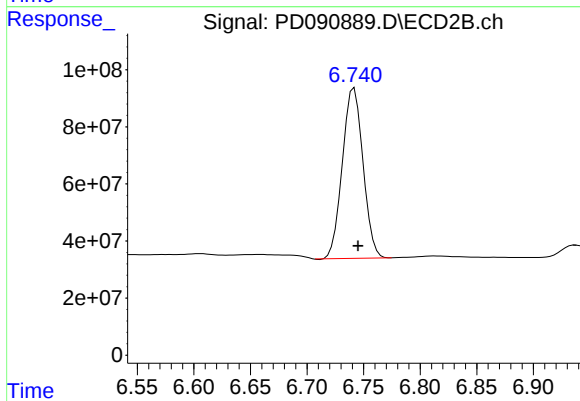
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1626770583
Conc: 45.38 ng/ml



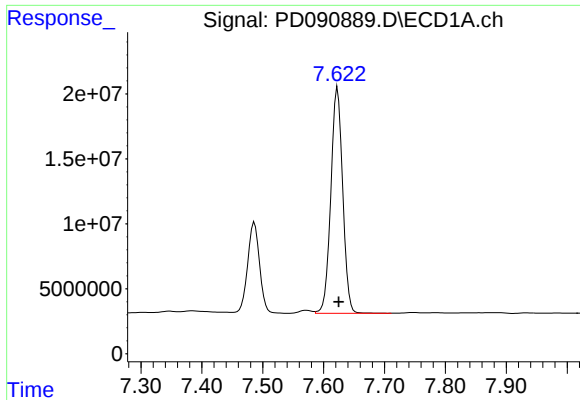
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 95246582
Conc: 44.81 ng/ml



#20 Methoxychlor

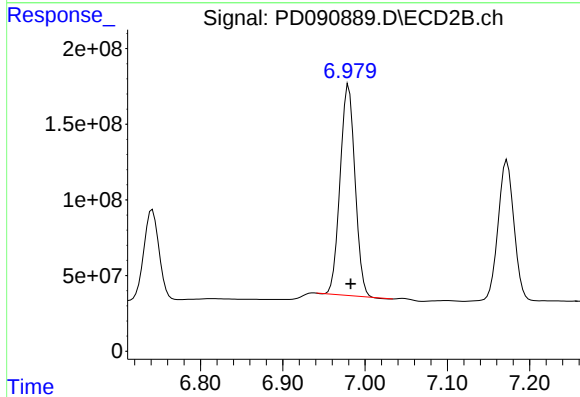
R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 758599807
Conc: 43.53 ng/ml



#21 Endrin ketone

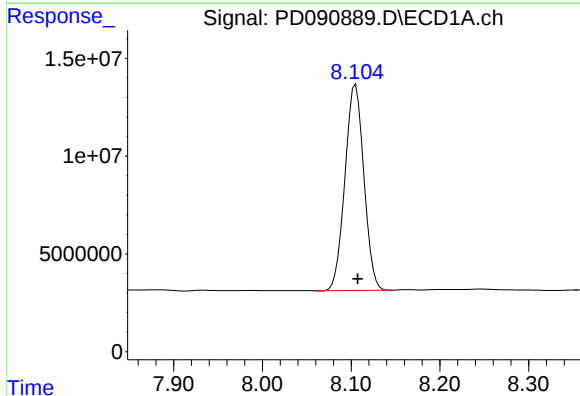
R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 235826071
Conc: 48.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



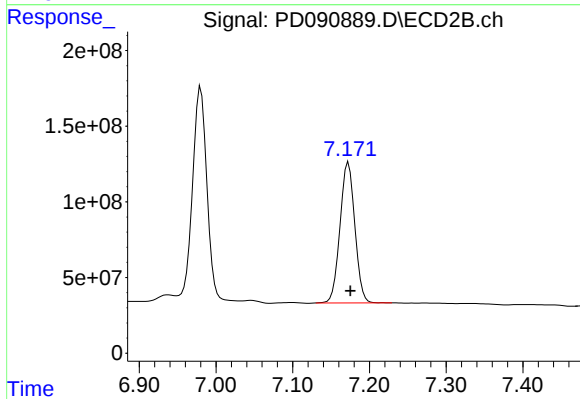
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1754851278
Conc: 46.53 ng/ml



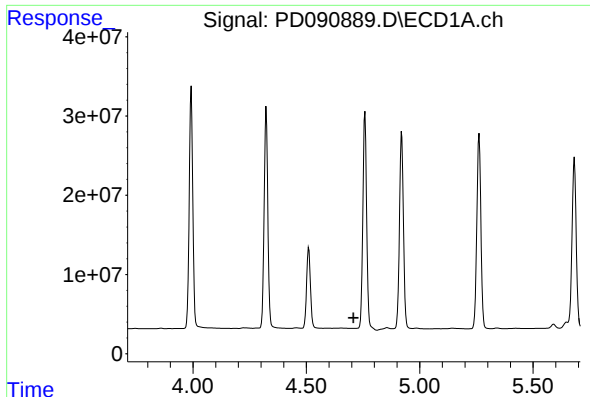
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 156000148
Conc: 48.74 ng/ml



#22 Mirex

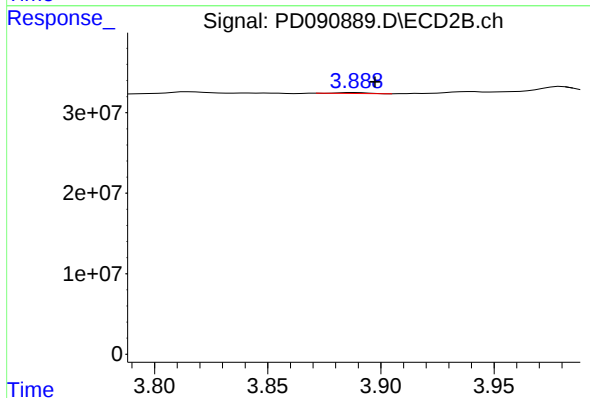
R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 1247970023
Conc: 48.58 ng/ml



#23 Chlordane-1

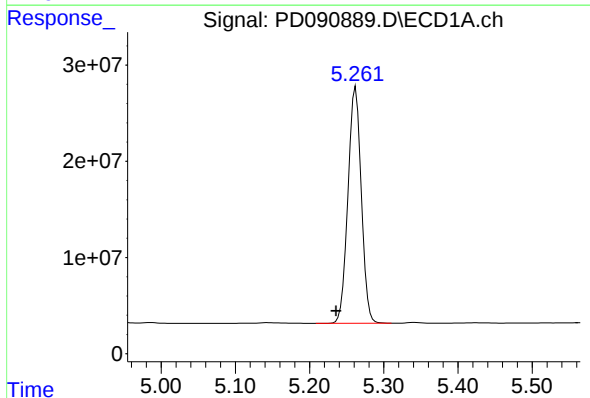
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



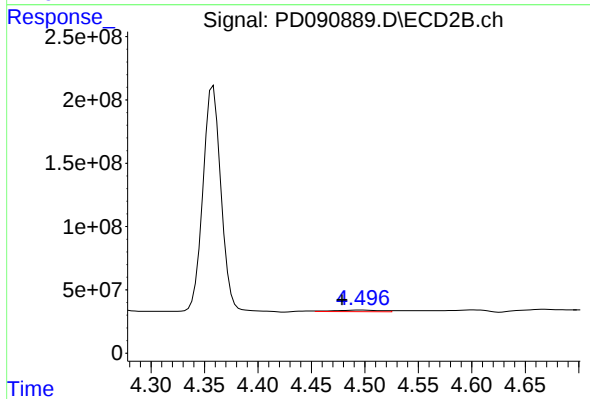
#23 Chlordane-1

R.T.: 3.889 min
Delta R.T.: -0.009 min
Response: 1120721
Conc: 0.90 ng/ml



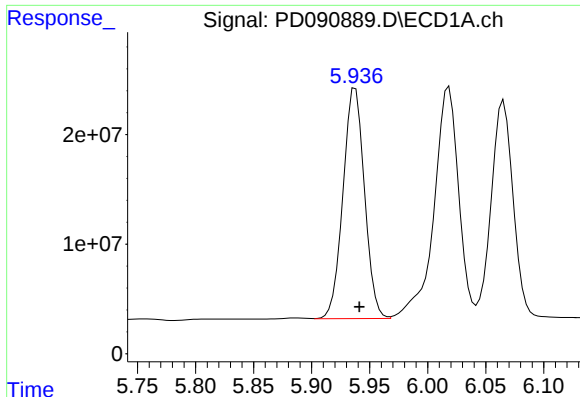
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: 0.027 min
Response: 305867116
Conc: 1583.74 ng/ml



#24 Chlordane-2

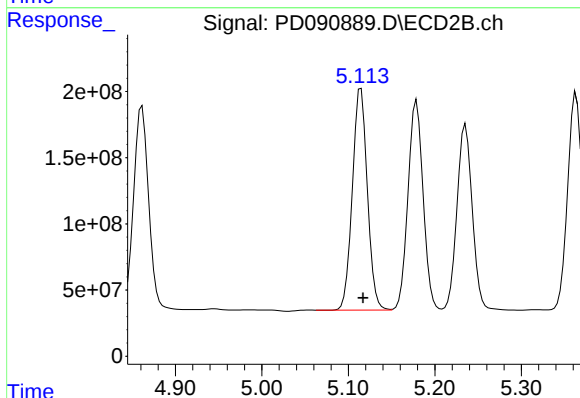
R.T.: 4.497 min
Delta R.T.: 0.018 min
Response: 36361299
Conc: 27.87 ng/ml



#25 Chlordane-3

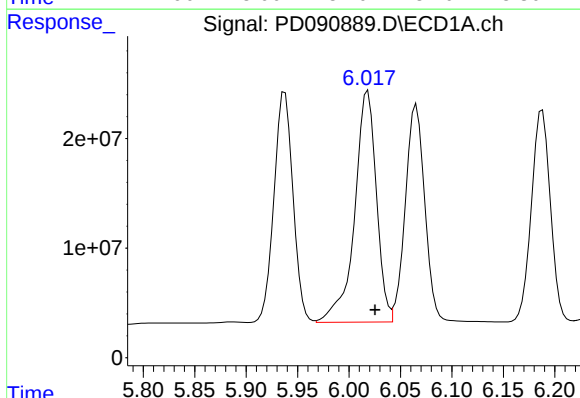
R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 271143522
Conc: 355.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



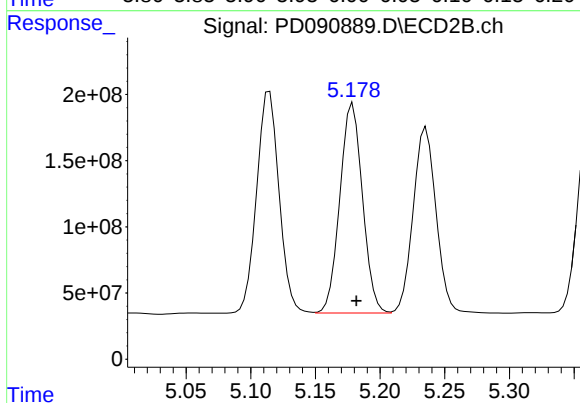
#25 Chlordane-3

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2018402093
Conc: 518.66 ng/ml



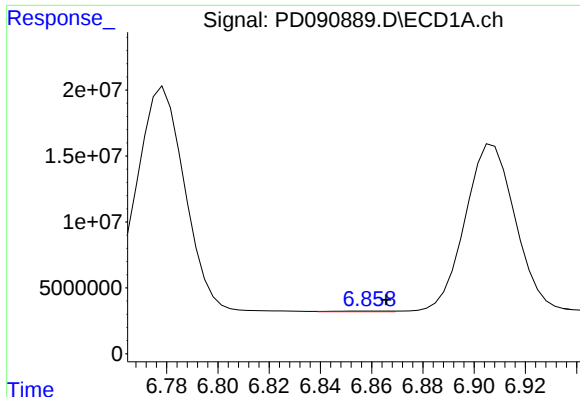
#26 Chlordane-4

R.T.: 6.018 min
Delta R.T.: -0.007 min
Response: 310839514
Conc: 320.82 ng/ml



#26 Chlordane-4

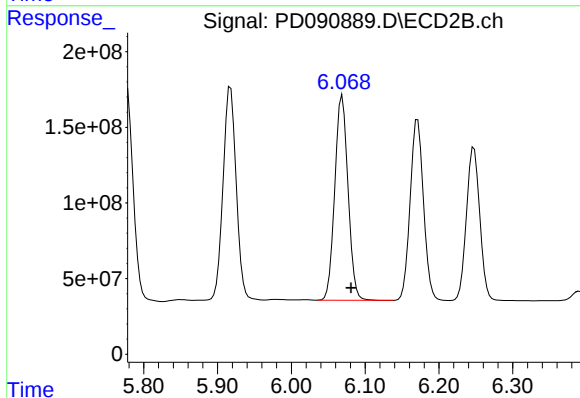
R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 1927642893
Conc: 576.92 ng/ml



#27 Chlordane-5

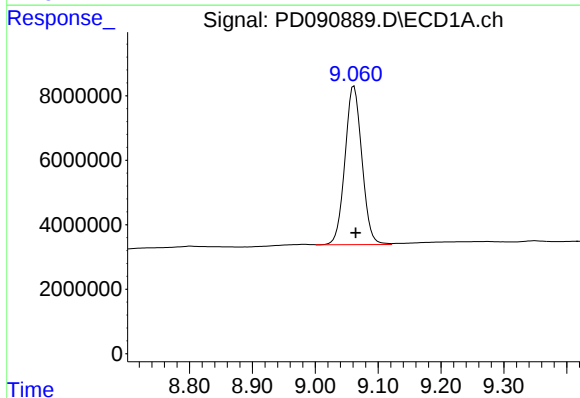
R.T.: 6.859 min
Delta R.T.: -0.007 min
Response: 821455
Conc: 5.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170287BSD



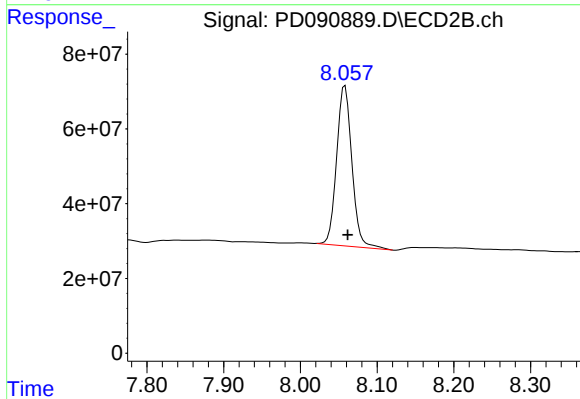
#27 Chlordane-5

R.T.: 6.069 min
Delta R.T.: -0.012 min
Response: 1689077869
Conc: 1144.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.003 min
Response: 91954029
Conc: 19.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 592387528
Conc: 19.56 ng/ml