

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
 Data File : PD088332.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 15:04
 Operator : AR\AJ
 Sample : Q1903-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-4MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:49:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.550	2.882	33523434	256.2E6	16.784	17.521
28)	SA Decachlor...	9.074	8.076	54788152	281.0E6	16.562	15.205
Target Compounds							
2)	A alpha-BHC	3.999	3.395	200.4E6	1009.5E6	46.477	44.159
3)	MA gamma-BHC...	4.330	3.731	196.0E6	935.2E6	46.808	43.420
4)	MA Heptachlor	4.930	4.085	187.4E6	916.8E6	46.405	42.844
5)	MB Aldrin	5.271	4.371	187.6E6	911.4E6	47.506	43.810
6)	B beta-BHC	4.515	4.027	75227755	416.0E6	46.340	44.948
7)	B delta-BHC	4.763	4.264	196.4E6	934.5E6	47.622	43.954
8)	B Heptachlo...	5.691	4.875	168.9E6	826.7E6	47.249	43.756
9)	A Endosulfan I	6.075	5.249	160.3E6	788.1E6	47.464	43.754
10)	B gamma-Chl...	5.946	5.128	169.3E6	888.5E6	46.739	43.775
11)	B alpha-Chl...	6.027	5.193	170.2E6	858.3E6	47.140	43.782
12)	B 4,4'-DDE	6.196	5.378	152.9E6	860.0E6	46.361	43.670
13)	MA Dieldrin	6.347	5.515	170.9E6	869.8E6	47.892	43.636
14)	MA Endrin	6.575	5.792	141.1E6	805.0E6	47.305	44.227
15)	B Endosulfa...	6.786	6.083	143.4E6	788.5E6	45.873	45.004
16)	A 4,4'-DDD	6.705	5.932	121.8E6	705.5E6	48.434	43.052
17)	MA 4,4'-DDT	7.022	6.186	115.5E6	717.1E6	41.590	42.144
18)	B Endrin al...	6.915	6.261	109.3E6	589.2E6	47.340	44.298
19)	B Endosulfa...	7.150	6.485	132.0E6	731.7E6	45.898	42.706
20)	A Methoxychlor	7.494	6.758	63975403	372.3E6	42.663	40.823
21)	B Endrin ke...	7.630	6.994	141.9E6	792.7E6	45.976	42.380
22)	Mirex	8.114	7.188	103.1E6	608.6E6	43.890	41.061
23)	Chlordane-1	0.000	3.902	0	10679008	N.D.	13.320 #
24)	Chlordane-2	5.220f	4.509	161887	6240635	0.972	7.562 #
25)	Chlordane-3	5.946	5.128	169.3E6	888.5E6	250.974	351.301 #
26)	Chlordane-4	6.027	5.193	170.2E6	858.3E6	208.697	401.398 #
27)	Chlordane-5	0.000	6.083	0	788.5E6	N.D.	816.700 #

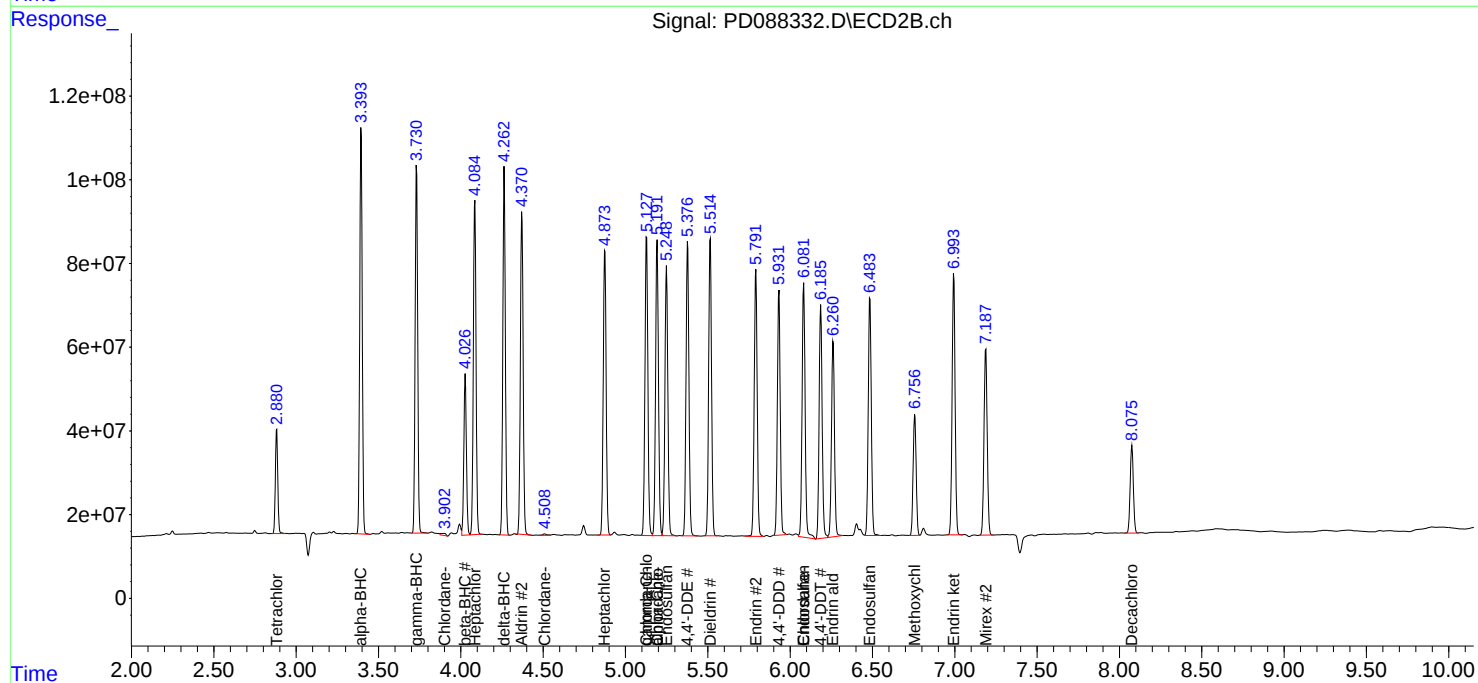
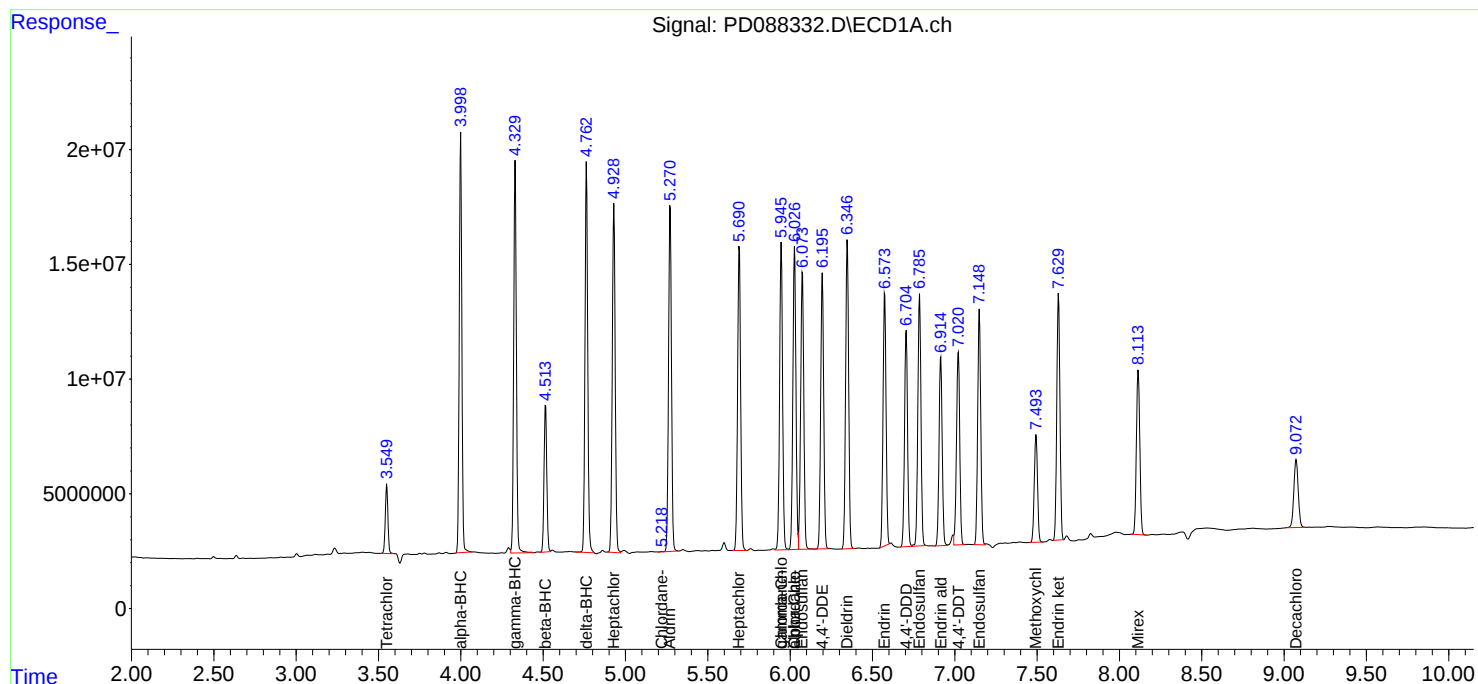
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

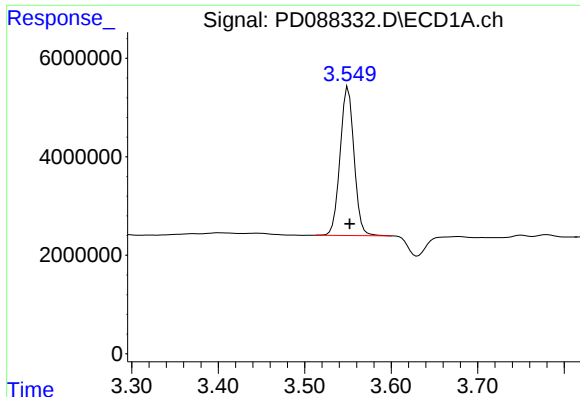
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
Data File : PD088332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 15:04
Operator : AR\AJ
Sample : Q1903-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 00:49:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
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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

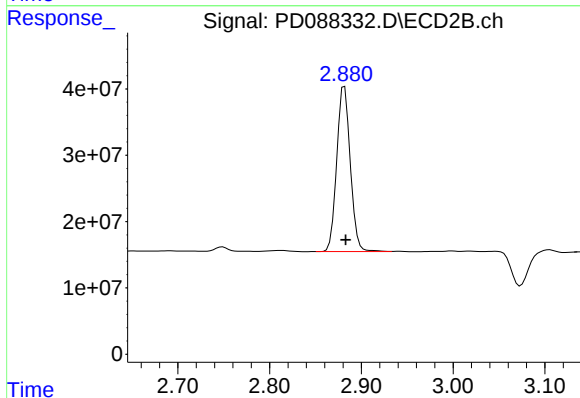




#1 Tetrachloro-m-xylene

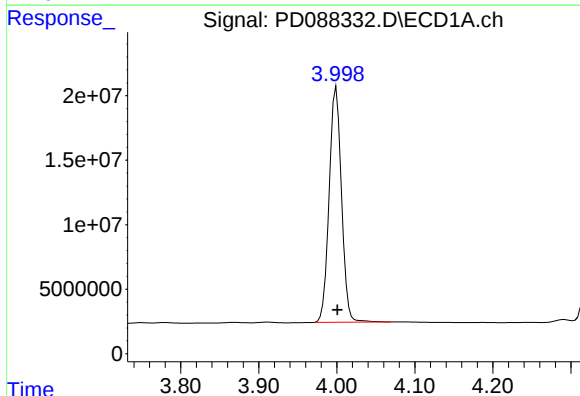
R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 33523434
Conc: 16.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



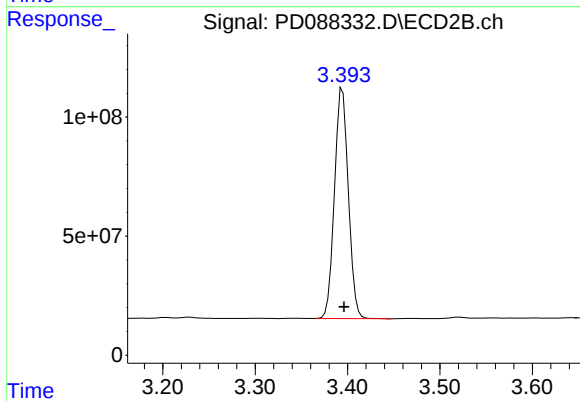
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 256186637
Conc: 17.52 ng/ml



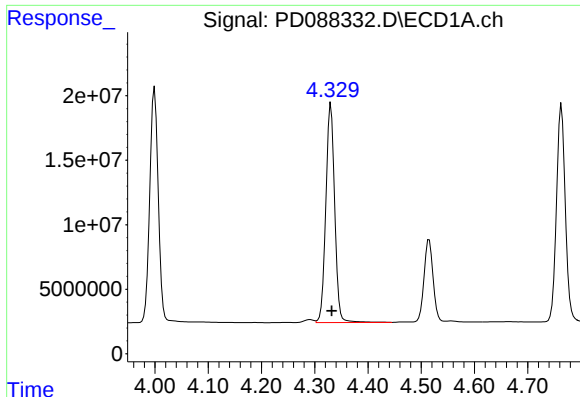
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 200409312
Conc: 46.48 ng/ml



#2 alpha-BHC

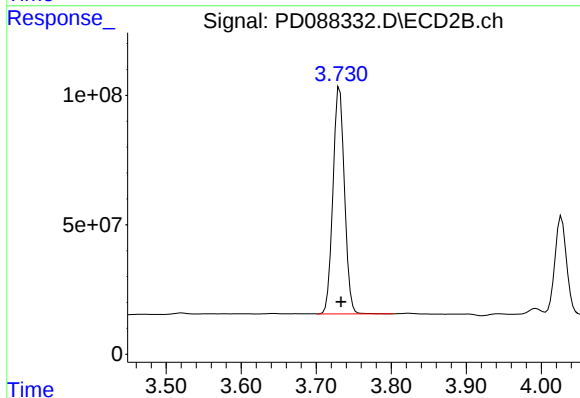
R.T.: 3.395 min
Delta R.T.: -0.002 min
Response: 1009534255
Conc: 44.16 ng/ml



#3 gamma-BHC (Lindane)

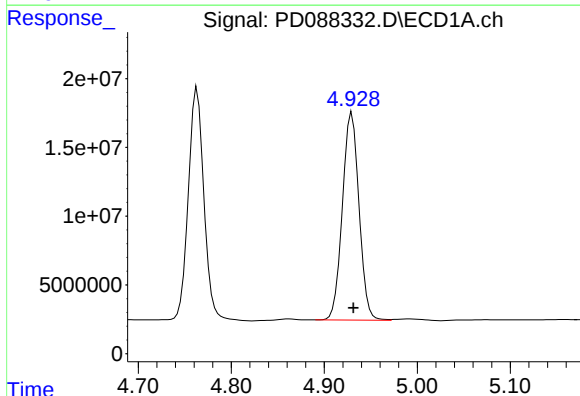
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 196008379
Conc: 46.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



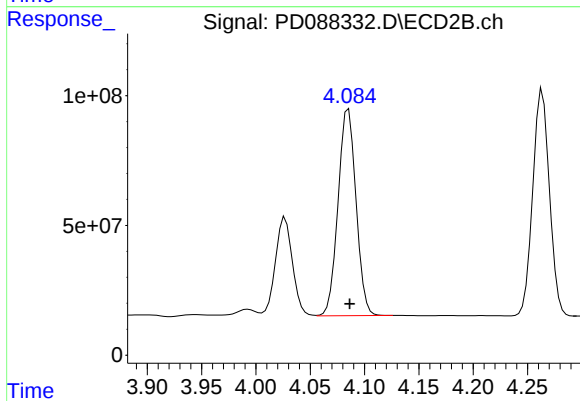
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 935220458
Conc: 43.42 ng/ml



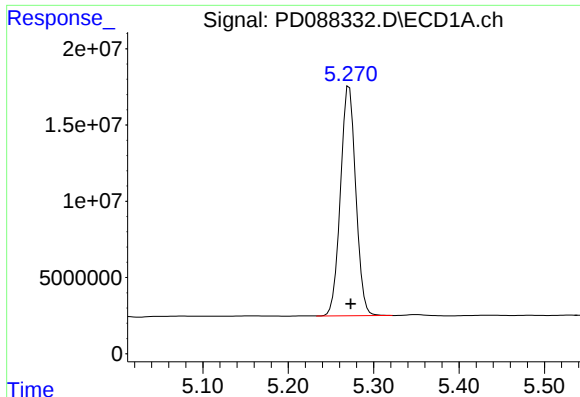
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.002 min
Response: 187425717
Conc: 46.40 ng/ml



#4 Heptachlor

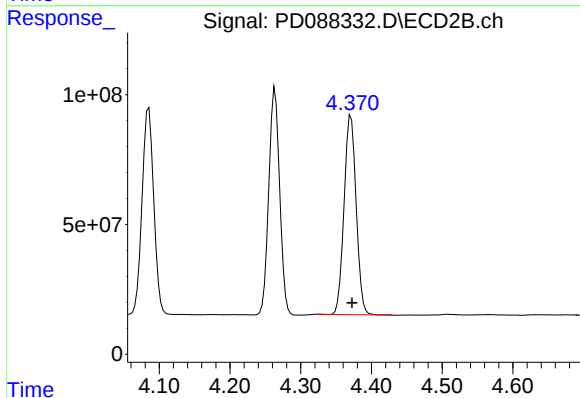
R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 916777031
Conc: 42.84 ng/ml



#5 Aldrin

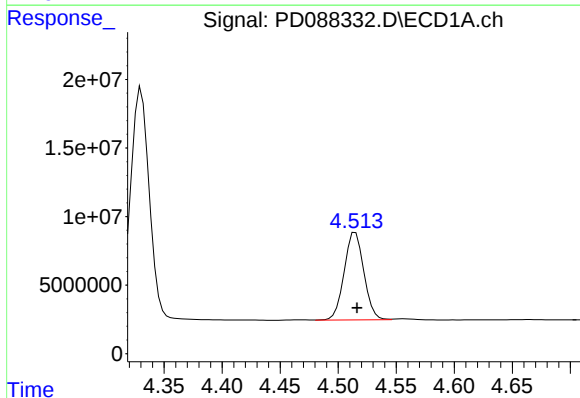
R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 187629160
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



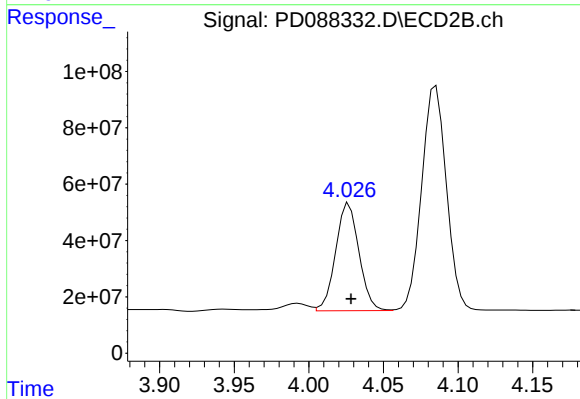
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 911363797
Conc: 43.81 ng/ml



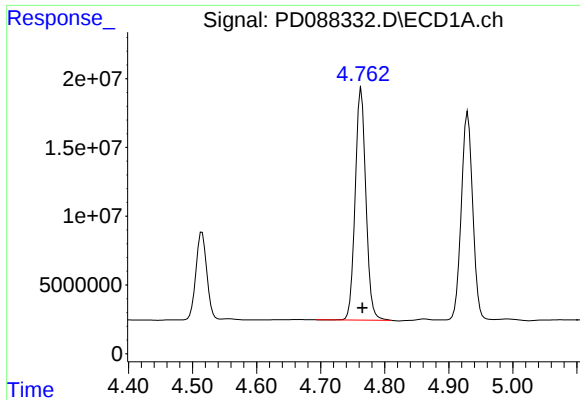
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 75227755
Conc: 46.34 ng/ml



#6 beta-BHC

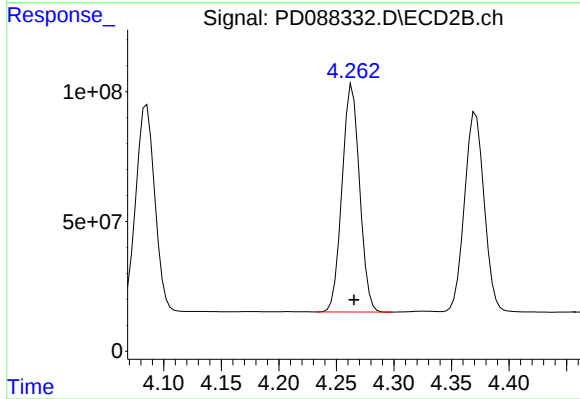
R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 415955720
Conc: 44.95 ng/ml



#7 delta-BHC

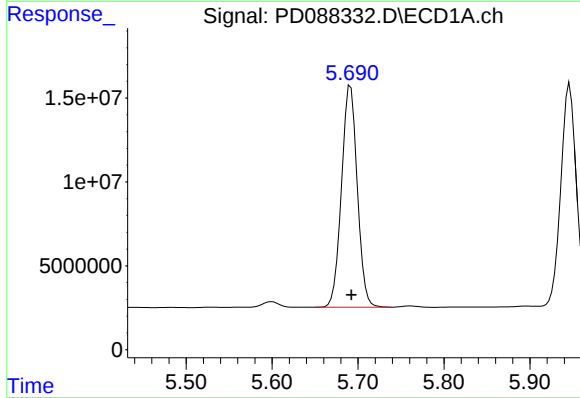
R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 196440976
Conc: 47.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



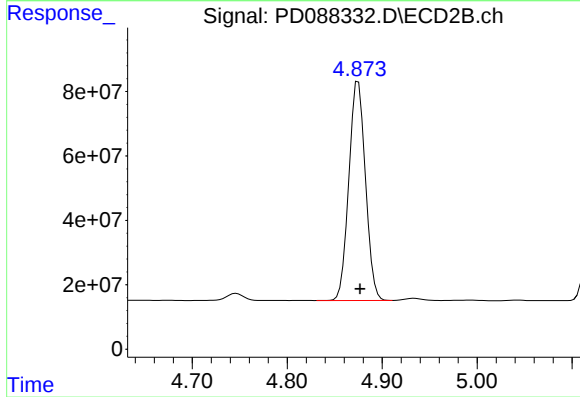
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.002 min
Response: 934538681
Conc: 43.95 ng/ml



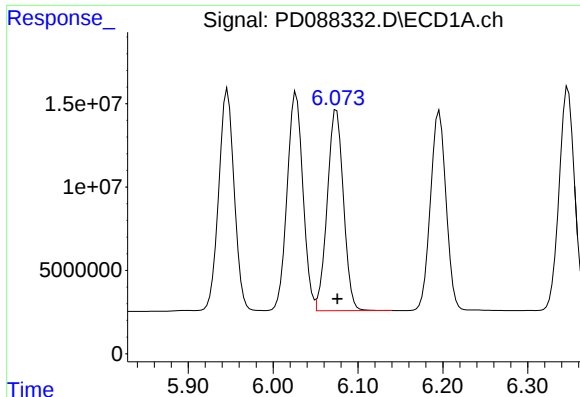
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 168865965
Conc: 47.25 ng/ml



#8 Heptachlor epoxide

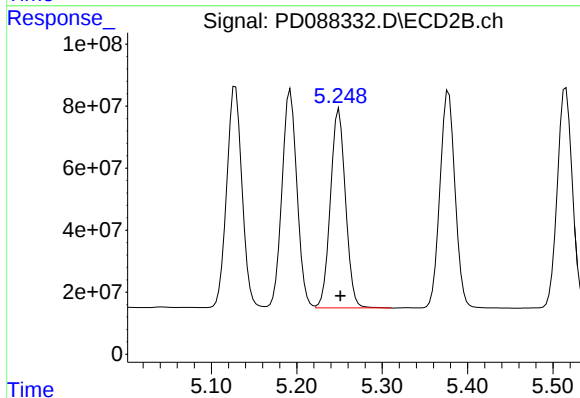
R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 826740426
Conc: 43.76 ng/ml



#9 Endosulfan I

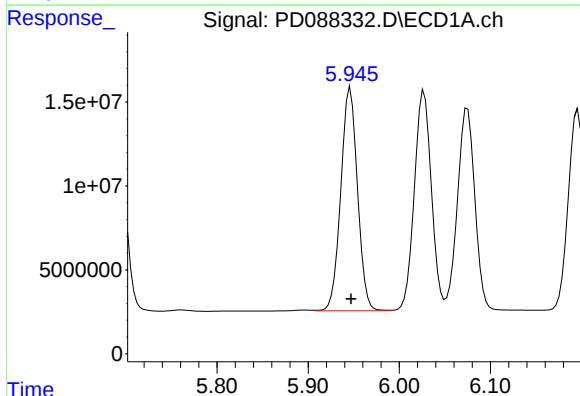
R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 160292510
Conc: 47.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



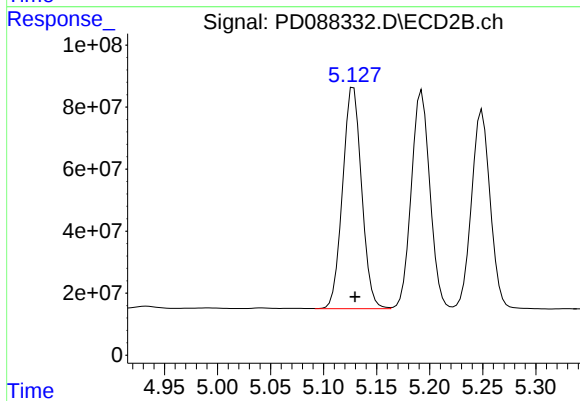
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 788111985
Conc: 43.75 ng/ml



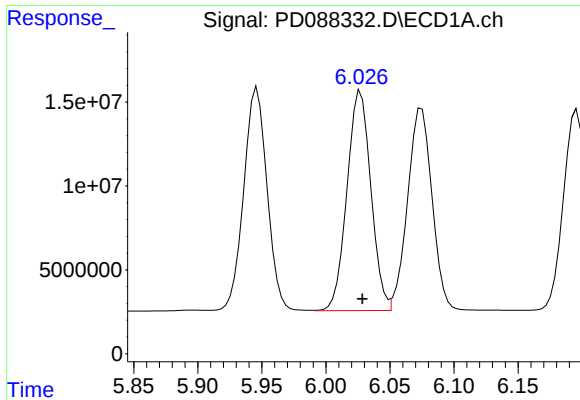
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 169289561
Conc: 46.74 ng/ml



#10 gamma-Chlordane

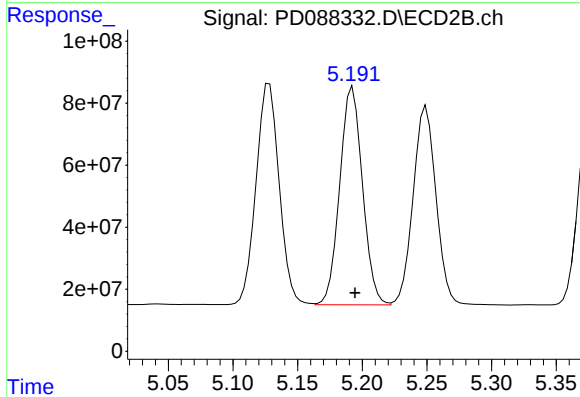
R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 888455757
Conc: 43.77 ng/ml



#11 alpha-Chlordane

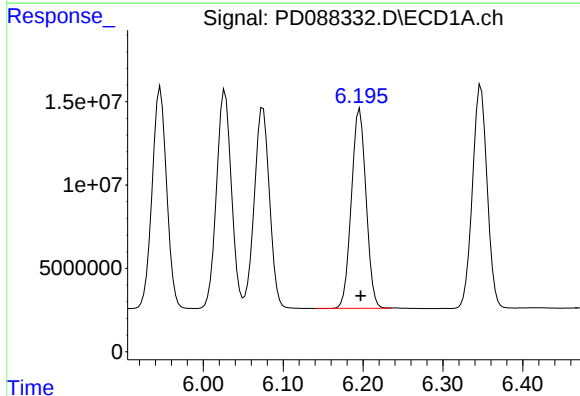
R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 170156004
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



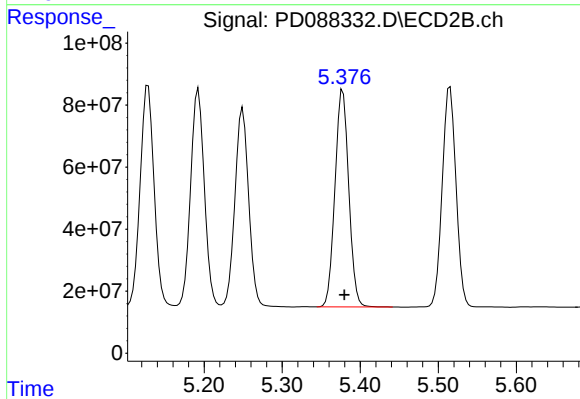
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 858250999
Conc: 43.78 ng/ml



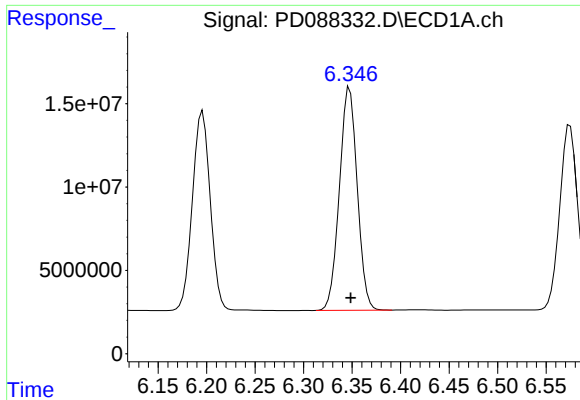
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 152909725
Conc: 46.36 ng/ml



#12 4,4'-DDE

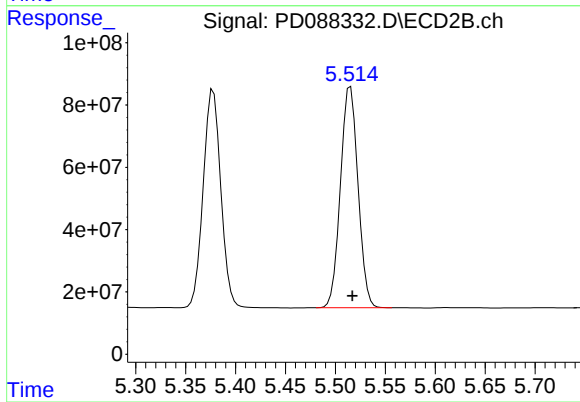
R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 860034516
Conc: 43.67 ng/ml



#13 Dieldrin

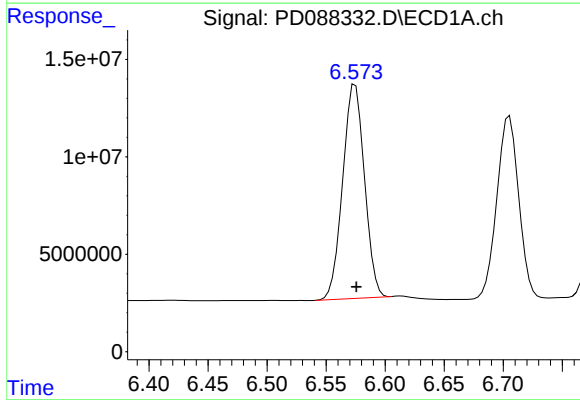
R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 170902176
Conc: 47.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



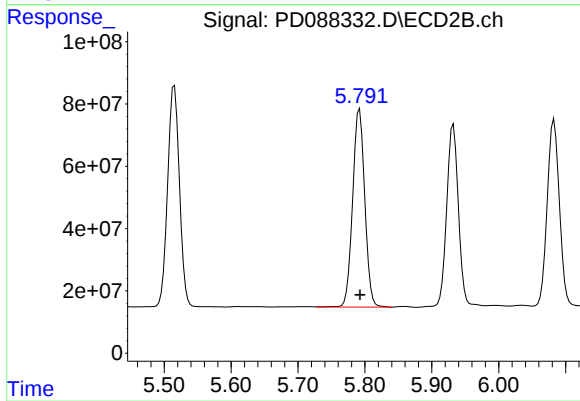
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 869795203
Conc: 43.64 ng/ml



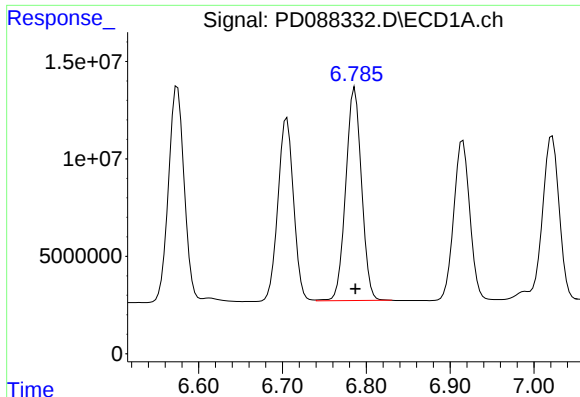
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 141091416
Conc: 47.31 ng/ml



#14 Endrin

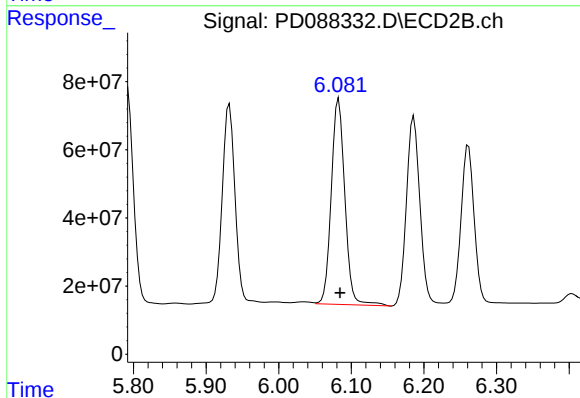
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 805044265
Conc: 44.23 ng/ml



#15 Endosulfan II

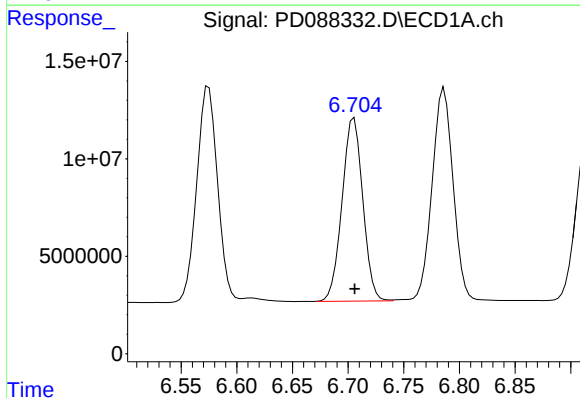
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 143409368
Conc: 45.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



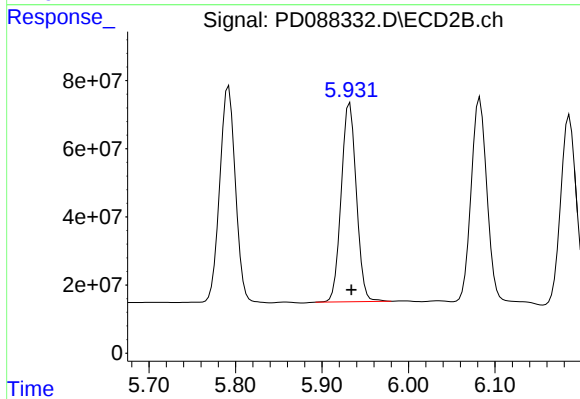
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 788543824
Conc: 45.00 ng/ml



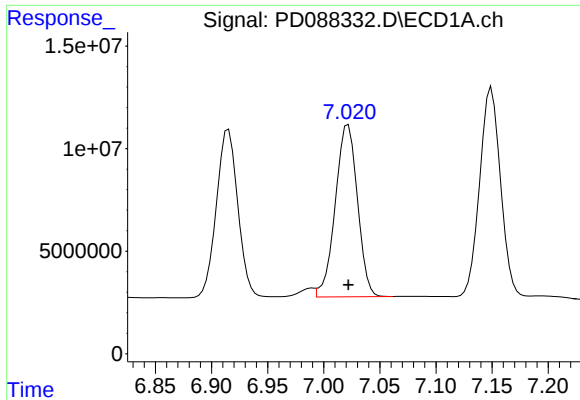
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 121808628
Conc: 48.43 ng/ml



#16 4,4'-DDD

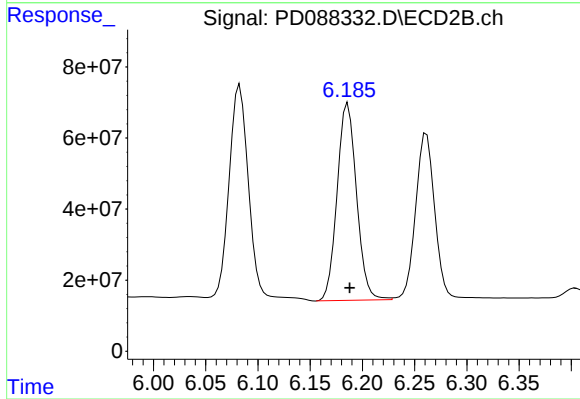
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 705455174
Conc: 43.05 ng/ml



#17 4,4'-DDT

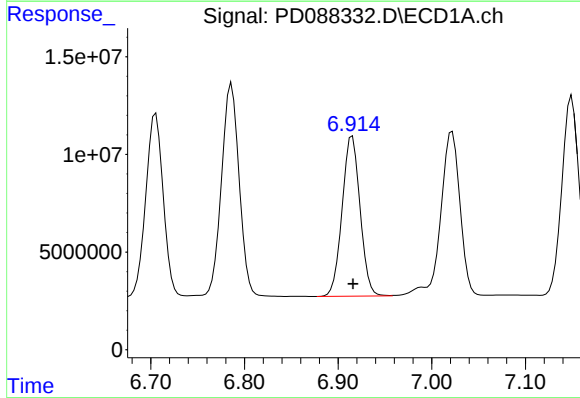
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 115518672
Conc: 41.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



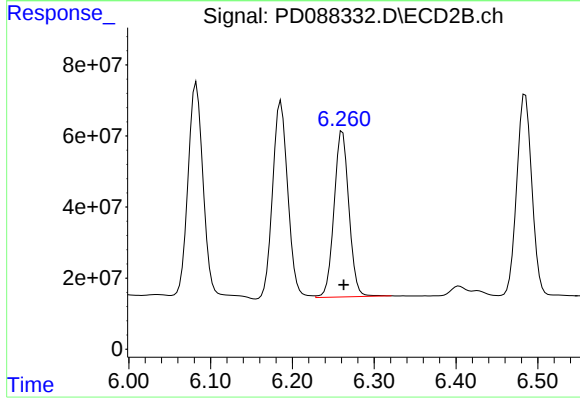
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 717135144
Conc: 42.14 ng/ml



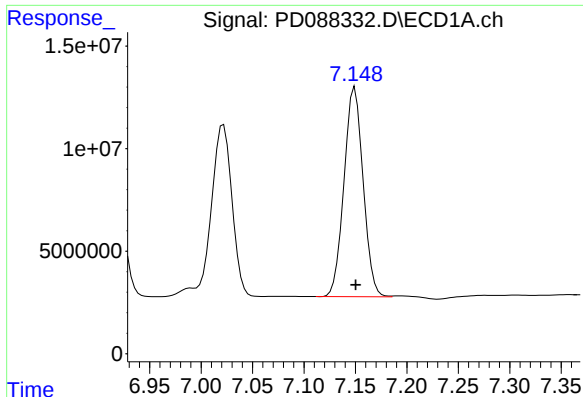
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 109259155
Conc: 47.34 ng/ml



#18 Endrin aldehyde

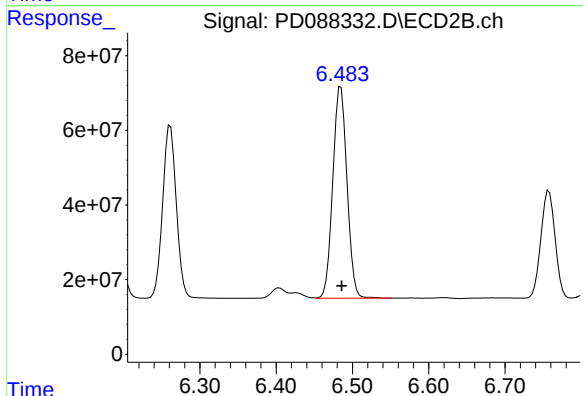
R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 589206425
Conc: 44.30 ng/ml



#19 Endosulfan Sulfate

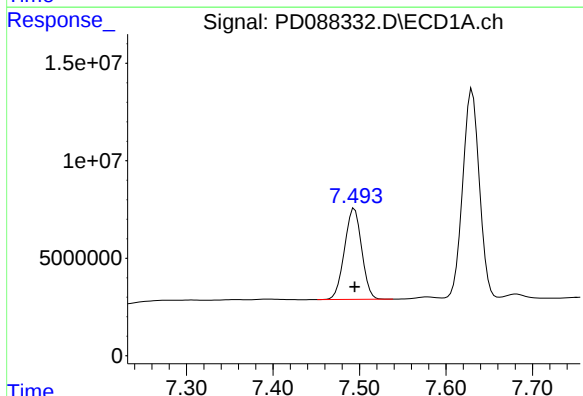
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 131995482
Conc: 45.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



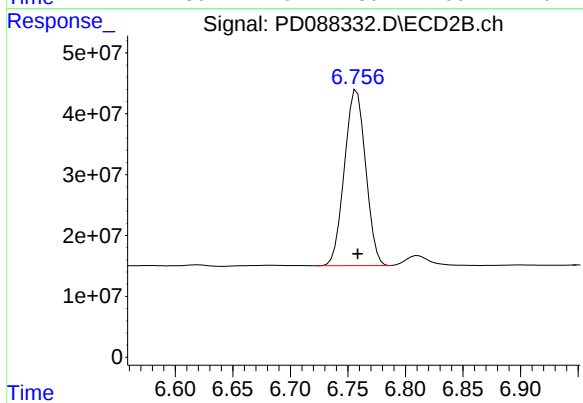
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 731697401
Conc: 42.71 ng/ml



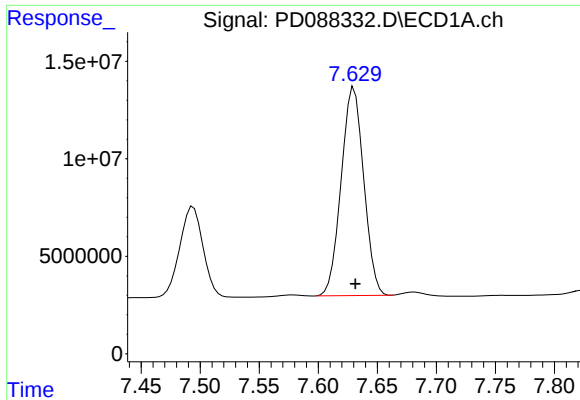
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 63975403
Conc: 42.66 ng/ml



#20 Methoxychlor

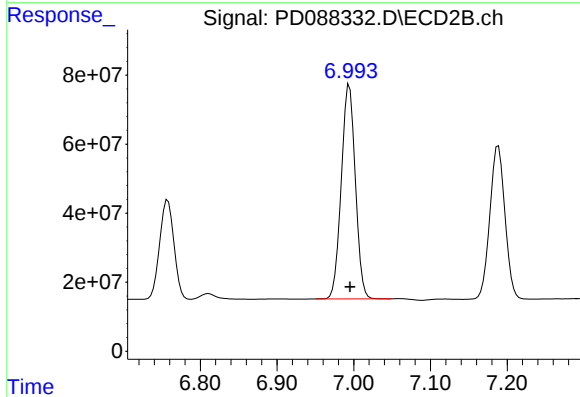
R.T.: 6.758 min
Delta R.T.: -0.001 min
Response: 372347025
Conc: 40.82 ng/ml



#21 Endrin ketone

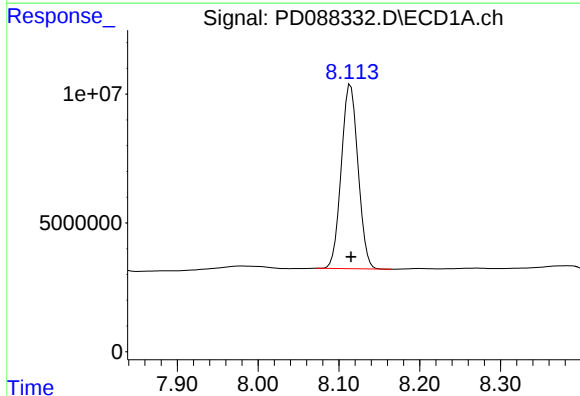
R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 141907968
Conc: 45.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



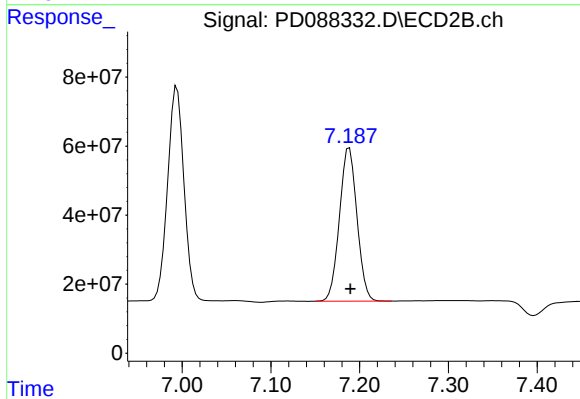
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 792667876
Conc: 42.38 ng/ml



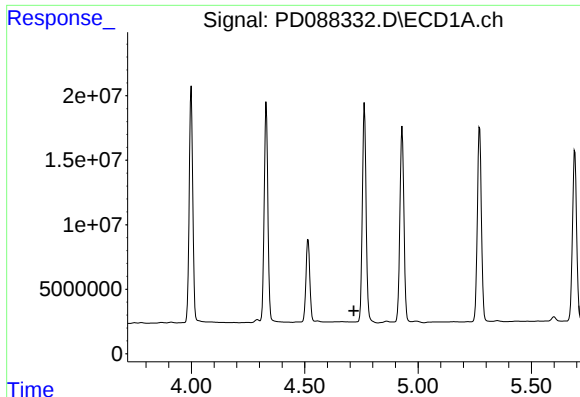
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 103067445
Conc: 43.89 ng/ml



#22 Mirex

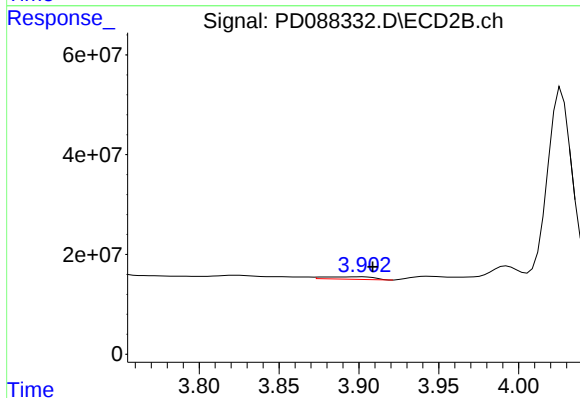
R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 608568702
Conc: 41.06 ng/ml



#23 Chlordane-1

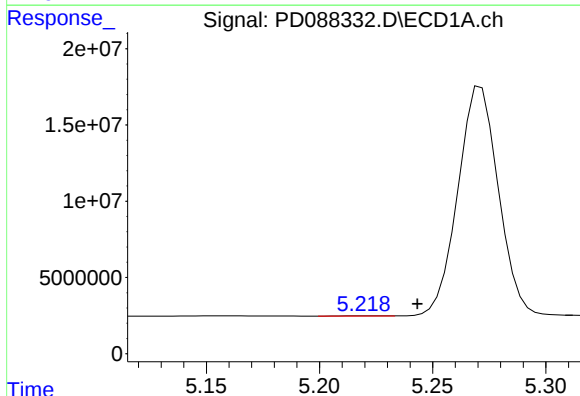
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



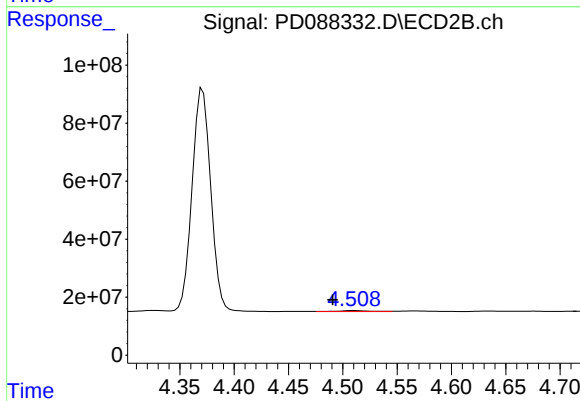
#23 Chlordane-1

R.T.: 3.902 min
Delta R.T.: -0.007 min
Response: 10679008
Conc: 13.32 ng/ml



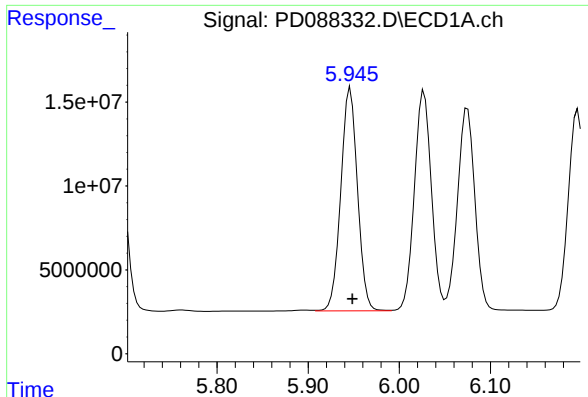
#24 Chlordane-2

R.T.: 5.220 min
Delta R.T.: -0.024 min
Response: 161887
Conc: 0.97 ng/ml



#24 Chlordane-2

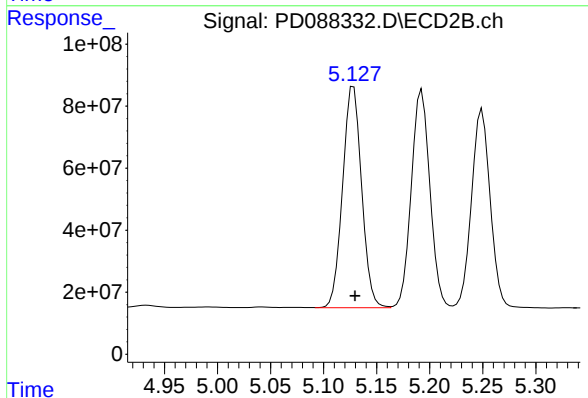
R.T.: 4.509 min
Delta R.T.: 0.019 min
Response: 6240635
Conc: 7.56 ng/ml



#25 Chlordane-3

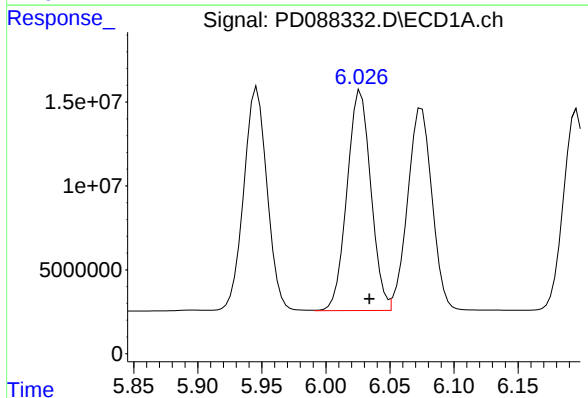
R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 169289561
Conc: 250.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



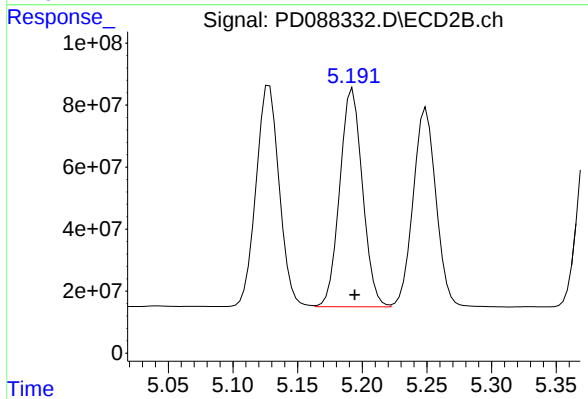
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 888455757
Conc: 351.30 ng/ml



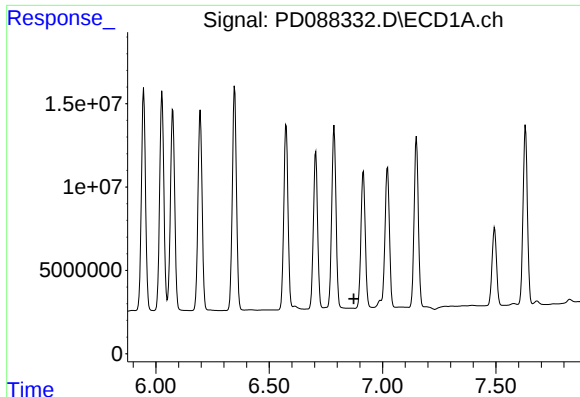
#26 Chlordane-4

R.T.: 6.027 min
Delta R.T.: -0.007 min
Response: 170156004
Conc: 208.70 ng/ml



#26 Chlordane-4

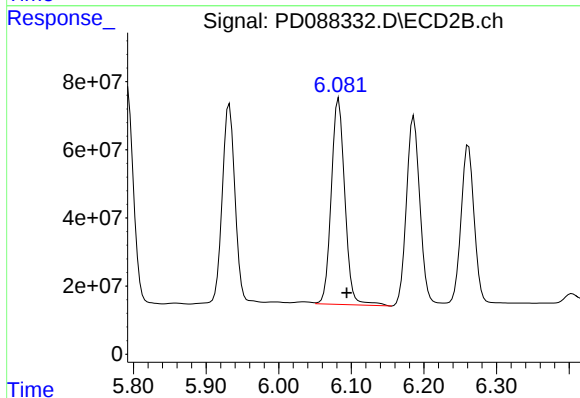
R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 858250999
Conc: 401.40 ng/ml



#27 Chlordane-5

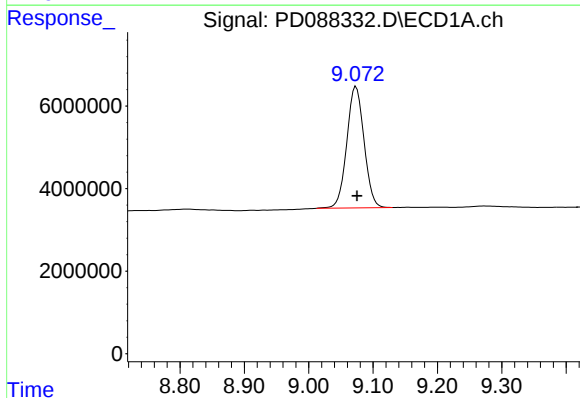
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
COMP-4MSD



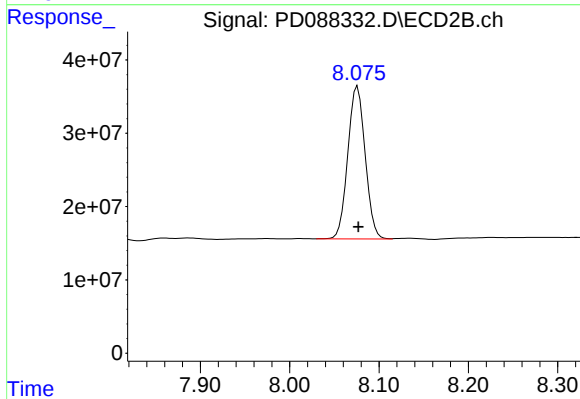
#27 Chlordane-5

R.T.: 6.083 min
Delta R.T.: -0.011 min
Response: 788543824
Conc: 816.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.001 min
Response: 54788152
Conc: 16.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 280988202
Conc: 15.21 ng/ml