

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050825\
 Data File : PD088437.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 17:41
 Operator : AR\AJ
 Sample : PB167914BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB167914BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 02:05:06 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	36802896	278.5E6	18.425	19.046
28)	SA Decachlor...	9.075	8.076	70557464	383.1E6	21.329	20.729
Target Compounds							
2)	A alpha-BHC	4.000	3.395	202.0E6	1031.4E6	46.839	45.116
3)	MA gamma-BHC...	4.331	3.731	195.3E6	966.8E6	46.647	44.887
4)	MA Heptachlor	4.930	4.085	192.9E6	970.9E6	47.760	45.372
5)	MB Aldrin	5.272	4.371	188.9E6	958.1E6	47.817	46.054
6)	B beta-BHC	4.516	4.027	75502154	435.9E6	46.509	47.103
7)	B delta-BHC	4.765	4.264	211.9E6	973.0E6	51.374	45.764
8)	B Heptachlo...	5.692	4.875	171.1E6	866.8E6	47.880	45.877
9)	A Endosulfan I	6.075	5.249	162.8E6	819.7E6	48.193	45.508
10)	B gamma-Chl...	5.947	5.128	174.1E6	934.7E6	48.072	46.053
11)	B alpha-Chl...	6.028	5.193	174.0E6	900.0E6	48.197	45.911
12)	B 4,4'-DDE	6.197	5.378	156.9E6	922.1E6	47.561	46.819
13)	MA Dieldrin	6.348	5.515	174.2E6	925.8E6	48.810	46.444
14)	MA Endrin	6.575	5.791	146.3E6	855.5E6	49.058	46.997
15)	B Endosulfa...	6.786	6.082	149.3E6	810.7E6	47.770	46.271
16)	A 4,4'-DDD	6.706	5.932	123.7E6	770.9E6	49.169	47.045
17)	MA 4,4'-DDT	7.022	6.186	132.6E6	805.1E6	47.755	47.315
18)	B Endrin al...	6.916	6.261	114.7E6	629.4E6	49.716	47.318
19)	B Endosulfa...	7.150	6.485	140.6E6	793.4E6	48.904	46.307
20)	A Methoxychlor	7.493	6.757	73871413	431.2E6	49.263	47.276
21)	B Endrin ke...	7.631	6.993	152.7E6	868.9E6	49.485	46.455
22)	Mirex	8.115	7.188	112.5E6	666.7E6	47.895	44.981
23)	Chlordane-1	0.000	3.898	0	1415665	N.D.	1.766 #
24)	Chlordane-2	5.272f	4.508	188.9E6	15496555	1134.081	18.777 #
25)	Chlordane-3	5.947	5.128	174.1E6	934.7E6	258.135	369.582 #
26)	Chlordane-4	6.028	5.193	174.0E6	900.0E6	213.377	420.918 #
27)	Chlordane-5	0.000	6.082	0	810.7E6	N.D.	839.693 #

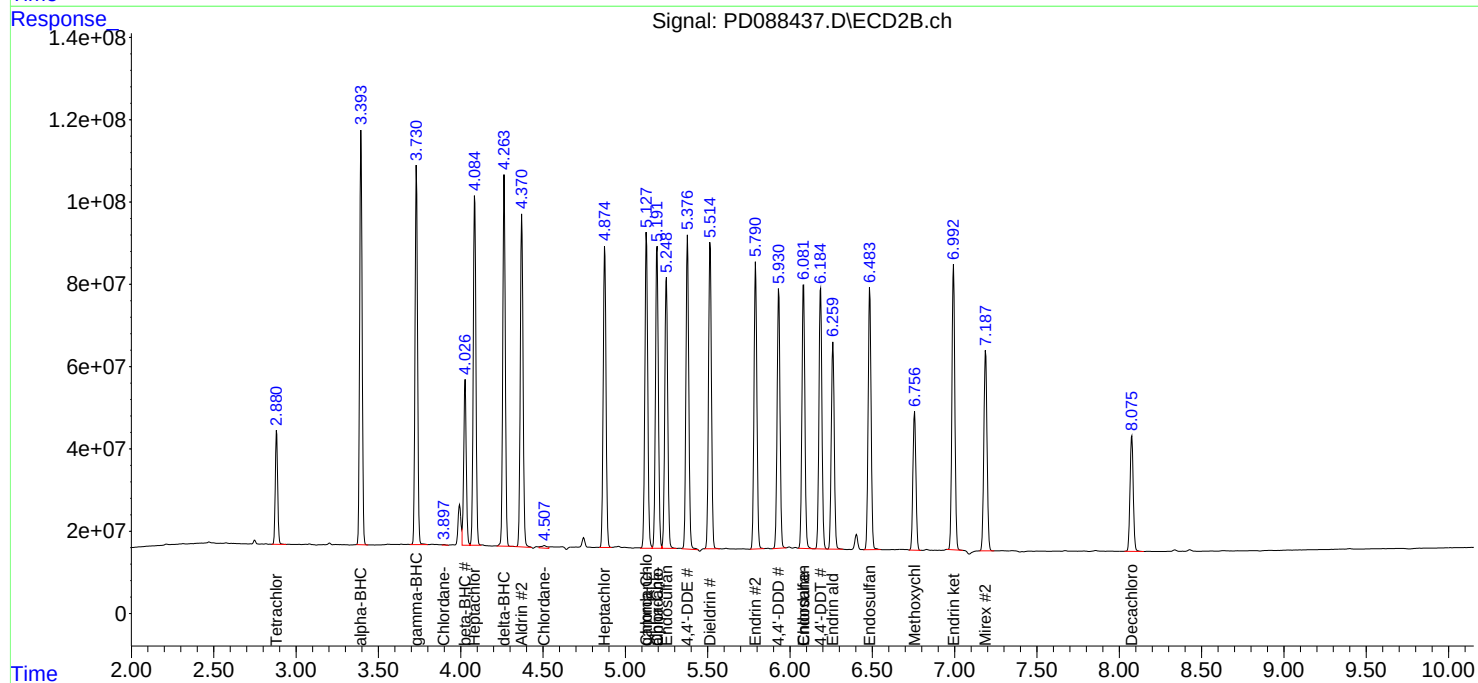
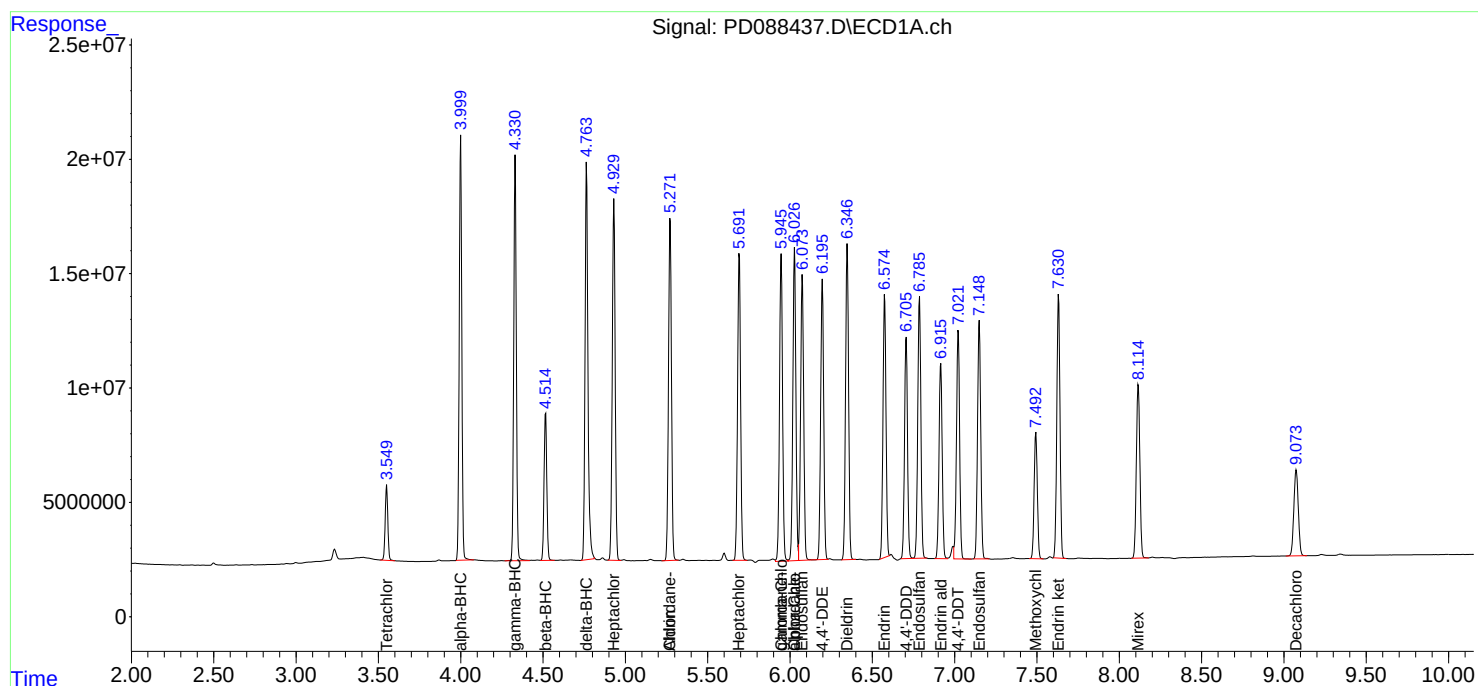
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

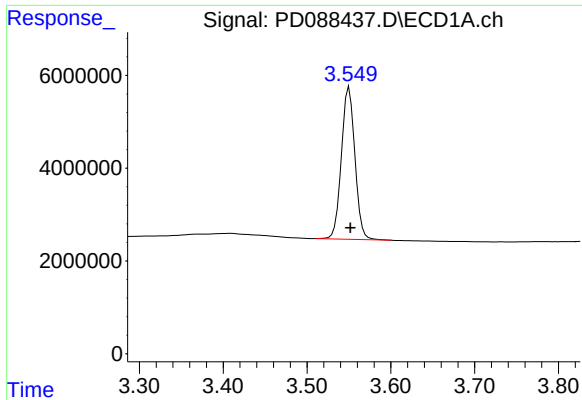
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050825\
Data File : PD088437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2025 17:41
Operator : AR\AJ
Sample : PB167914BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB167914BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 02:05:06 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

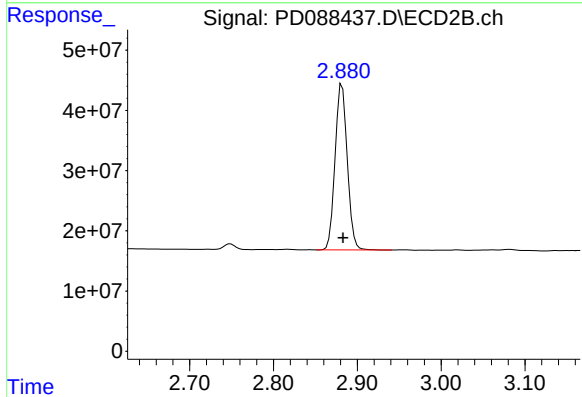




#1 Tetrachloro-m-xylene

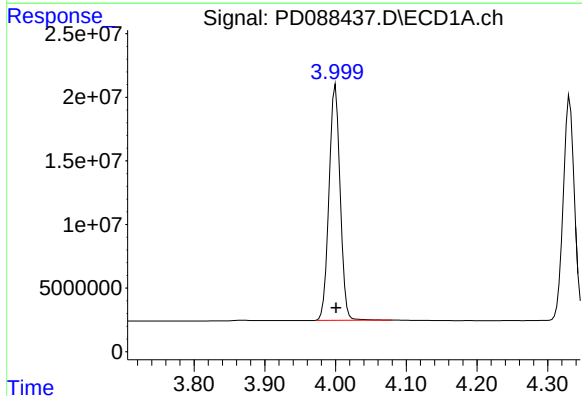
R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 36802896
Conc: 18.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



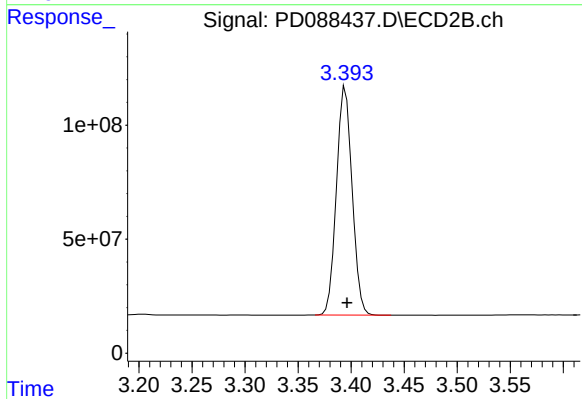
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 278478114
Conc: 19.05 ng/ml



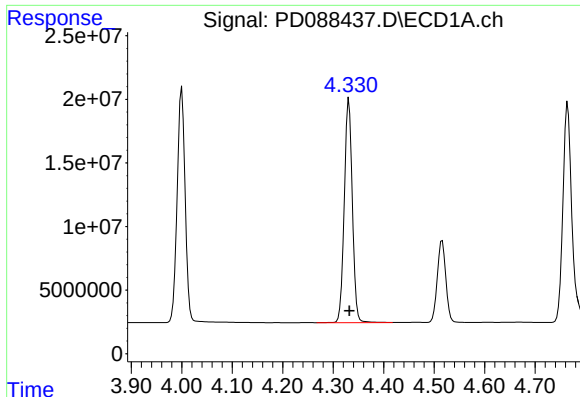
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 201967900
Conc: 46.84 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1031425412
Conc: 45.12 ng/ml



#3 gamma-BHC (Lindane)

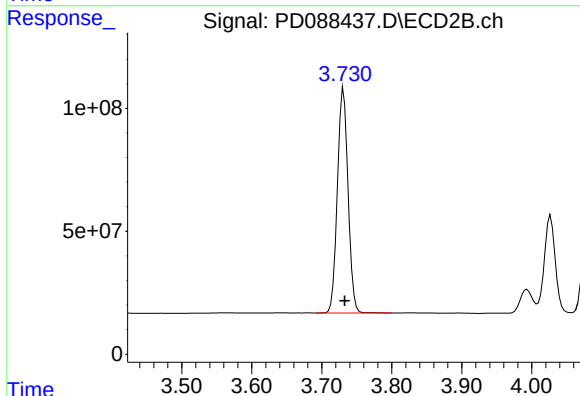
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 195336373
Conc: 46.65 ng/ml

Instrument :

ECD_D

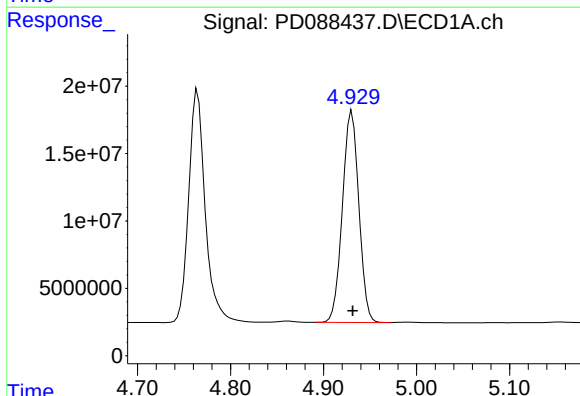
ClientSampleId :

PB167914BSD



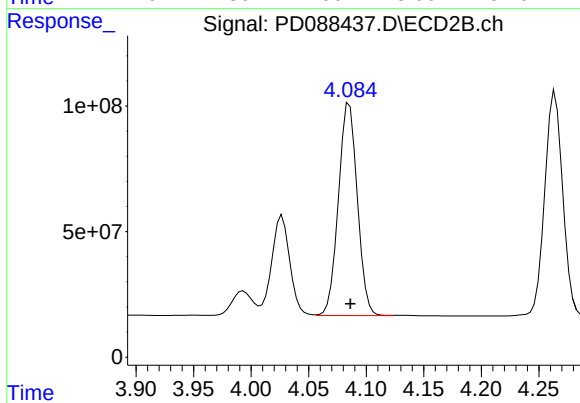
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 966815649
Conc: 44.89 ng/ml



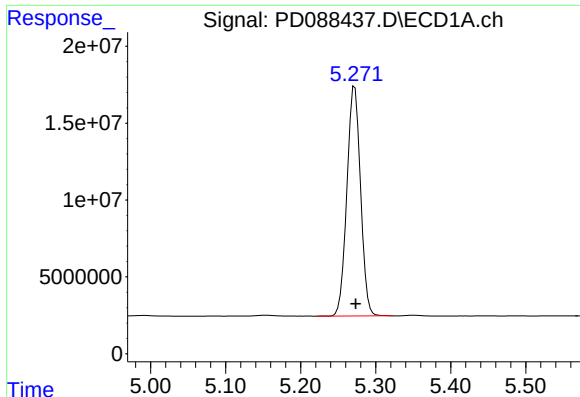
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 192902250
Conc: 47.76 ng/ml



#4 Heptachlor

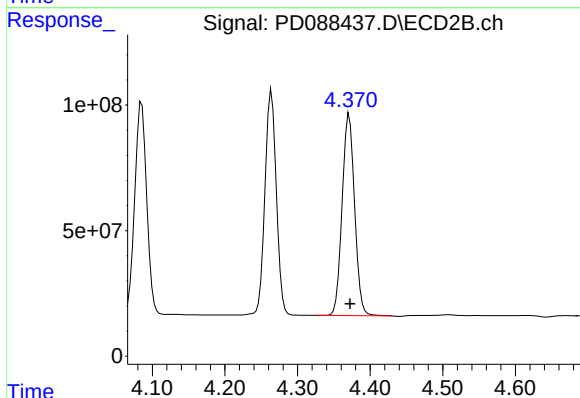
R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 970886191
Conc: 45.37 ng/ml



#5 Aldrin

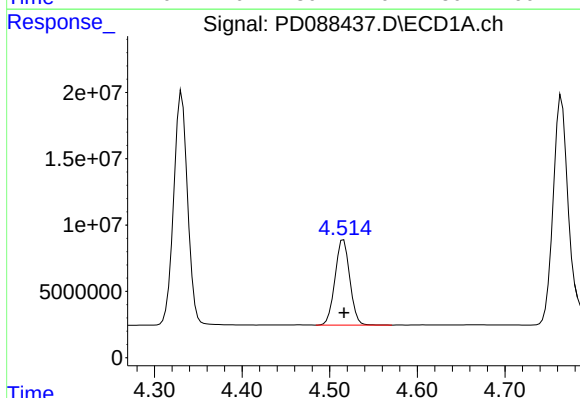
R.T.: 5.272 min
Delta R.T.: -0.001 min
Response: 188857164
Conc: 47.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



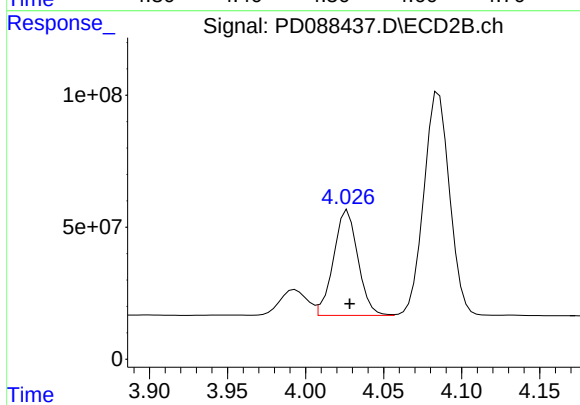
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 958054264
Conc: 46.05 ng/ml



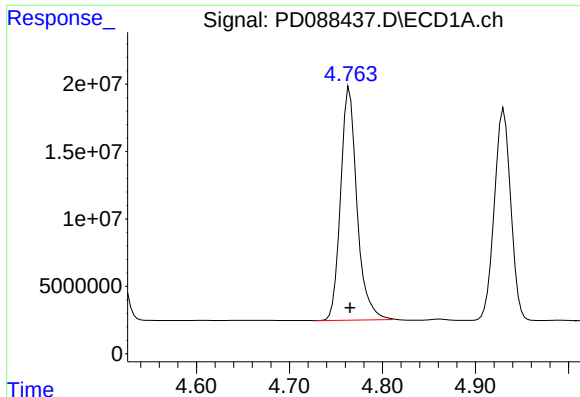
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 75502154
Conc: 46.51 ng/ml



#6 beta-BHC

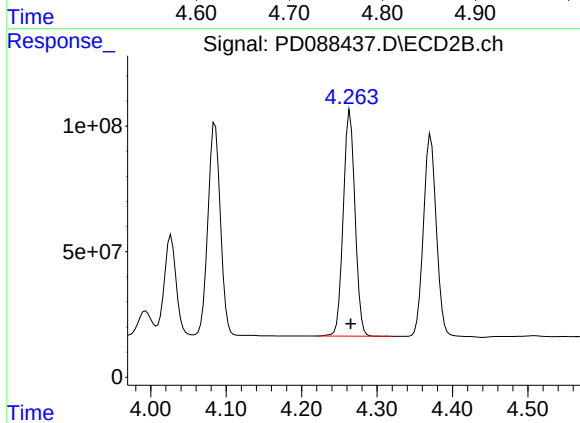
R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 435898565
Conc: 47.10 ng/ml



#7 delta-BHC

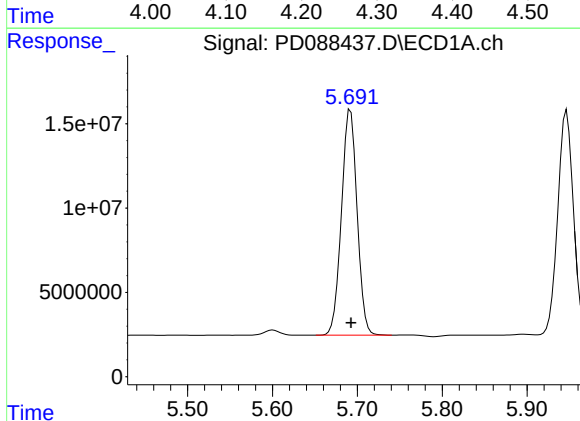
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 211915327
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



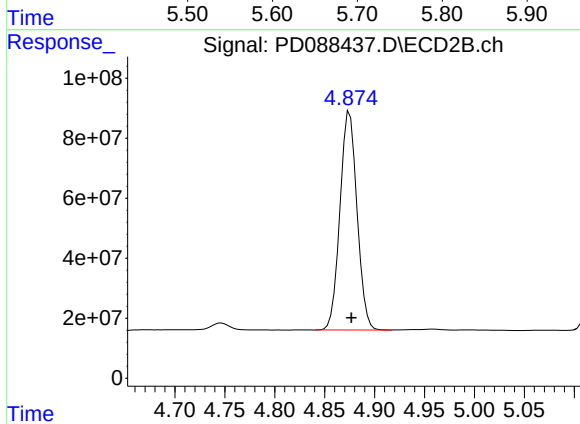
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 973005504
Conc: 45.76 ng/ml



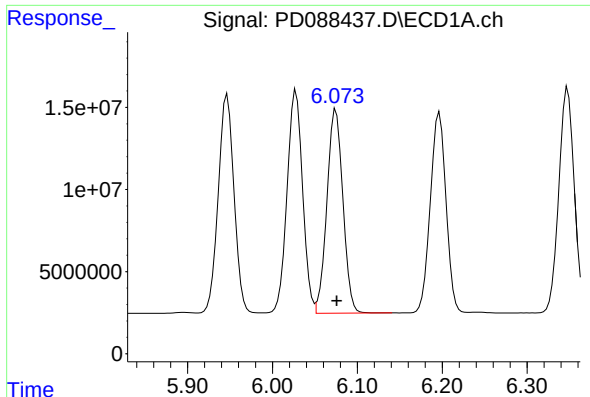
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 171121134
Conc: 47.88 ng/ml



#8 Heptachlor epoxide

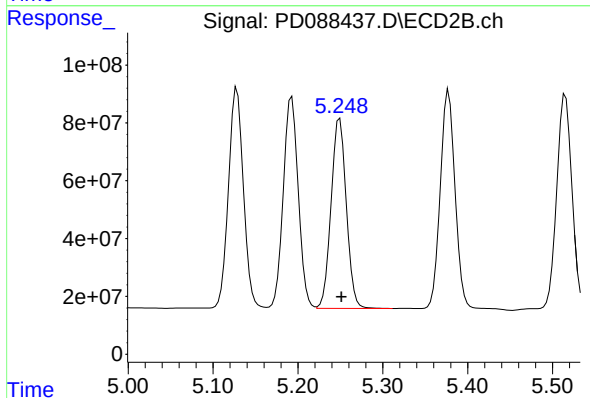
R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 866815388
Conc: 45.88 ng/ml



#9 Endosulfan I

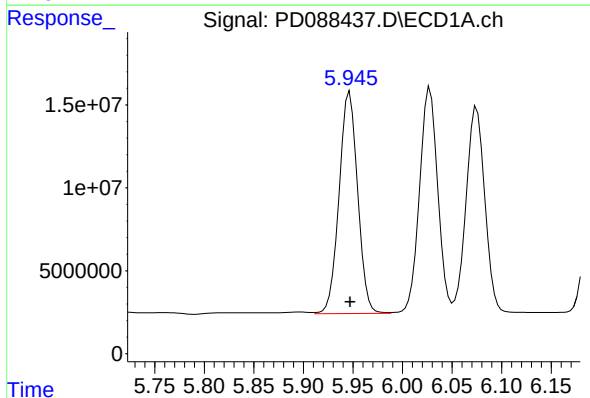
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 162755240
Conc: 48.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



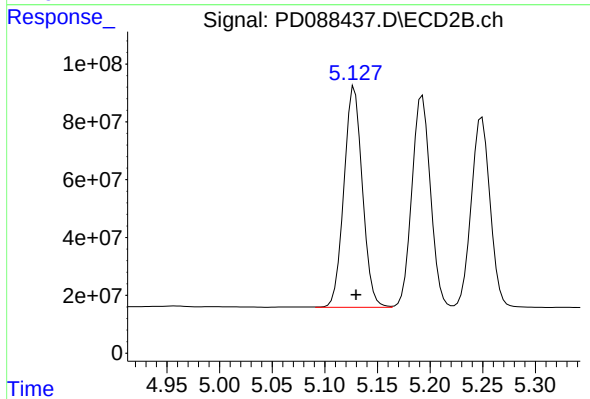
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 819717329
Conc: 45.51 ng/ml



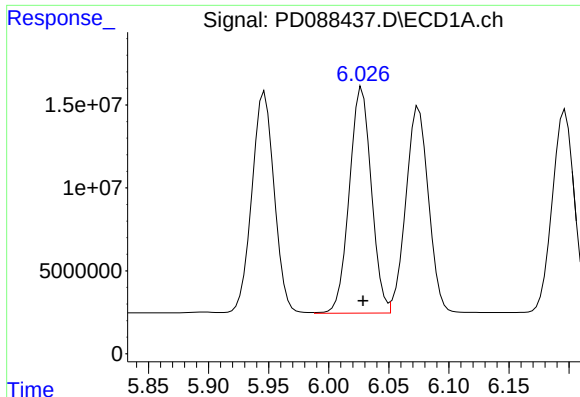
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 174119859
Conc: 48.07 ng/ml



#10 gamma-Chlordane

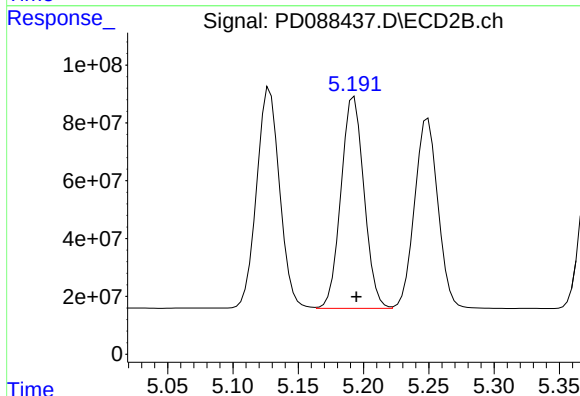
R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 934689717
Conc: 46.05 ng/ml



#11 alpha-Chlordane

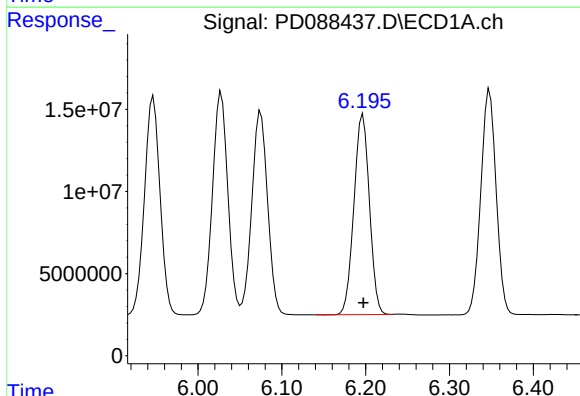
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 173971658
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



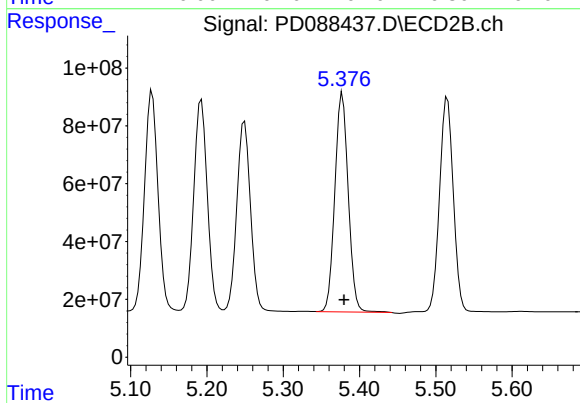
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 899986803
Conc: 45.91 ng/ml



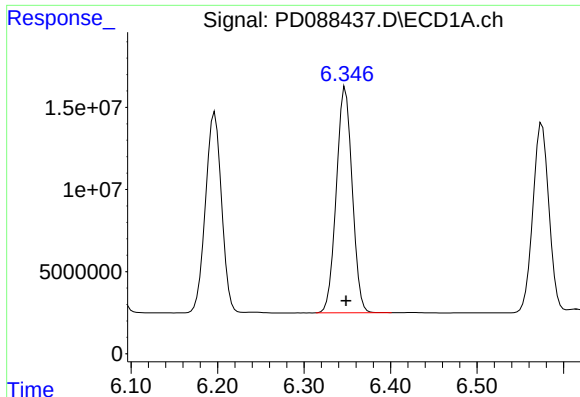
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 156868916
Conc: 47.56 ng/ml



#12 4,4'-DDE

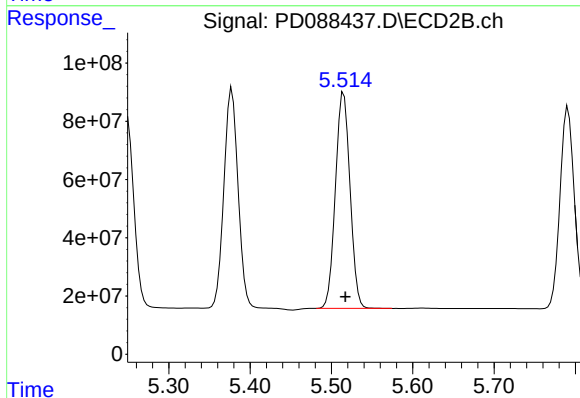
R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 922055552
Conc: 46.82 ng/ml



#13 Dieldrin

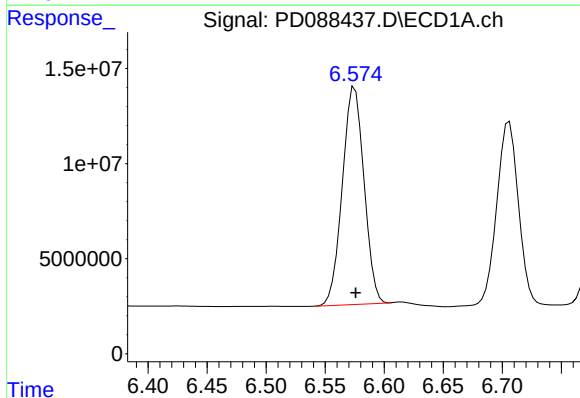
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 174178324
Conc: 48.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



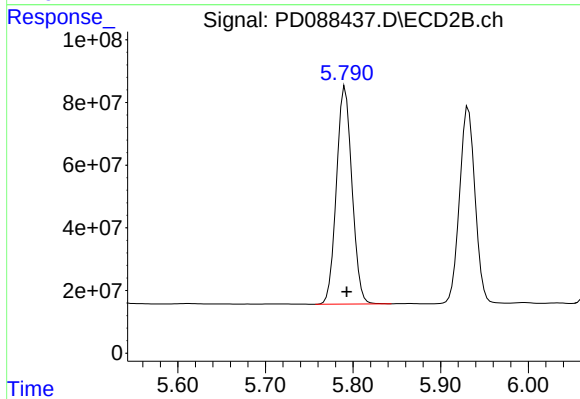
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 925759402
Conc: 46.44 ng/ml



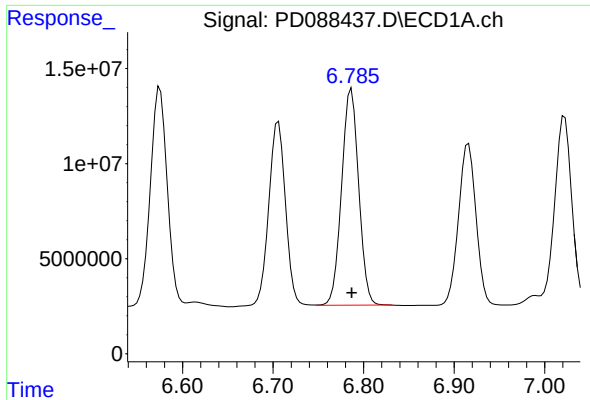
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 146317932
Conc: 49.06 ng/ml



#14 Endrin

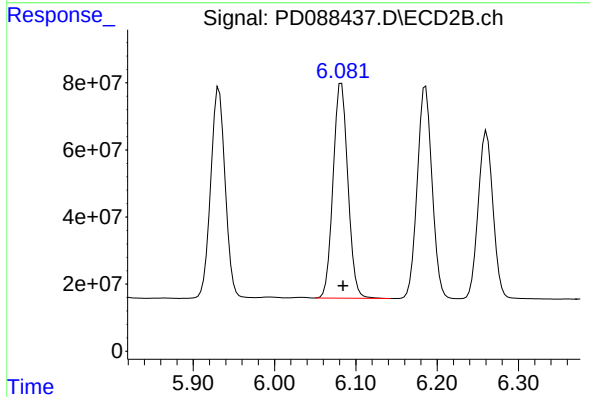
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 855456452
Conc: 47.00 ng/ml



#15 Endosulfan II

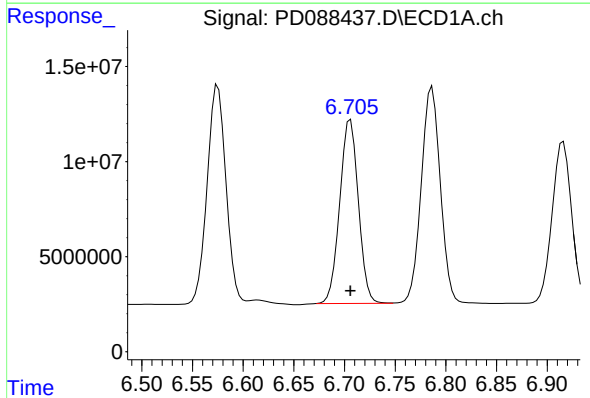
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 149339224
Conc: 47.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



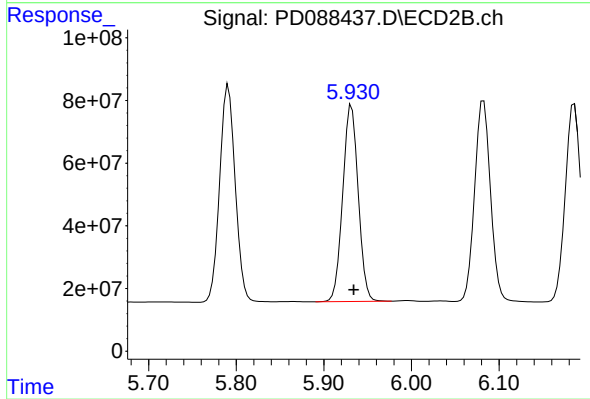
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 810744536
Conc: 46.27 ng/ml



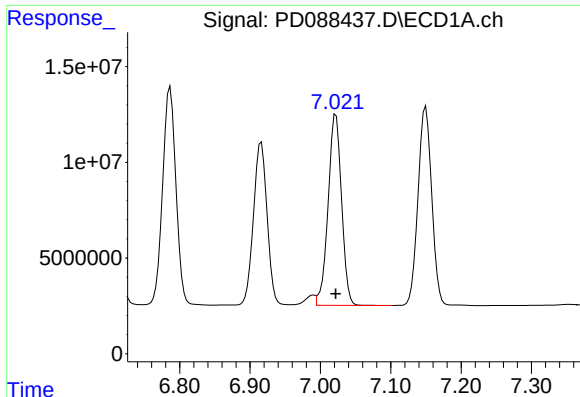
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 123657163
Conc: 49.17 ng/ml



#16 4,4'-DDD

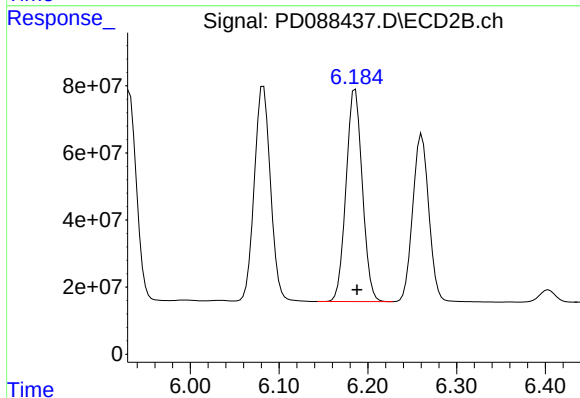
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 770893506
Conc: 47.05 ng/ml



#17 4,4'-DDT

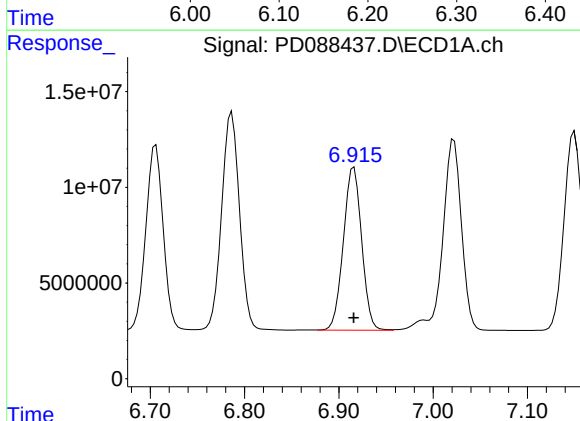
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 132640184
Conc: 47.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



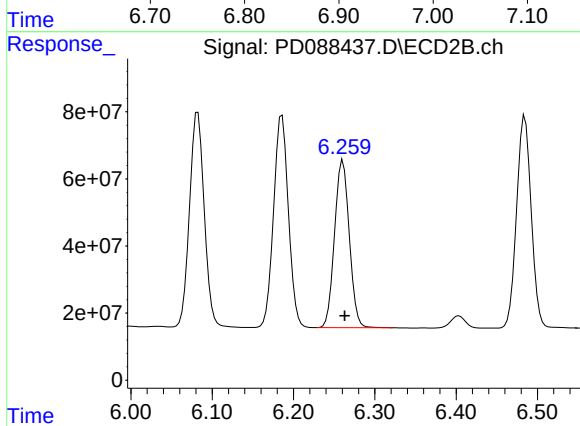
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 805129921
Conc: 47.31 ng/ml



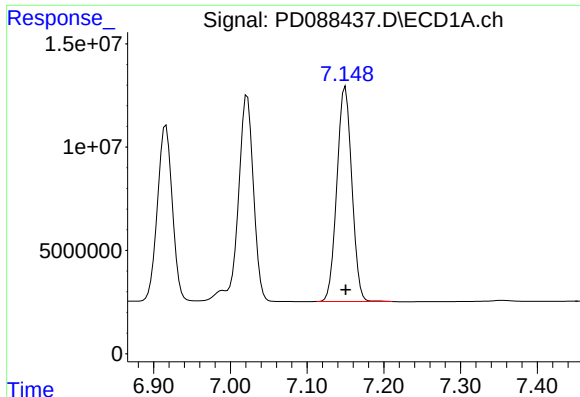
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 114742750
Conc: 49.72 ng/ml



#18 Endrin aldehyde

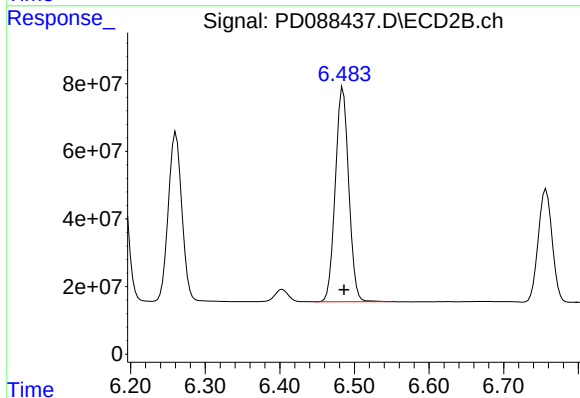
R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 629374211
Conc: 47.32 ng/ml



#19 Endosulfan Sulfate

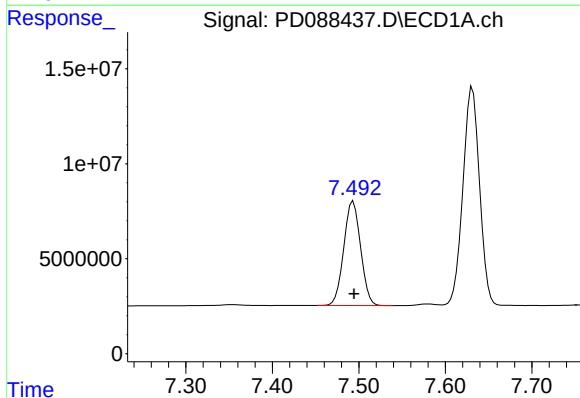
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 140641428
Conc: 48.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



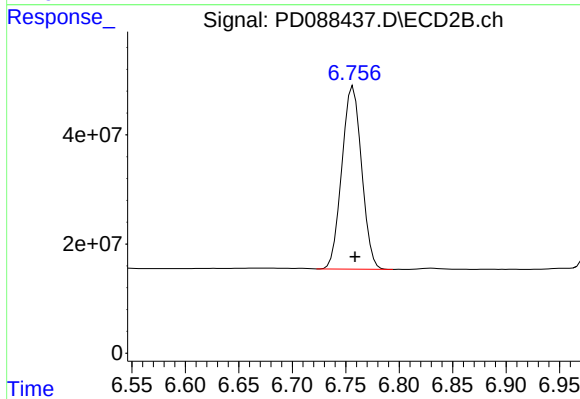
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 793384748
Conc: 46.31 ng/ml



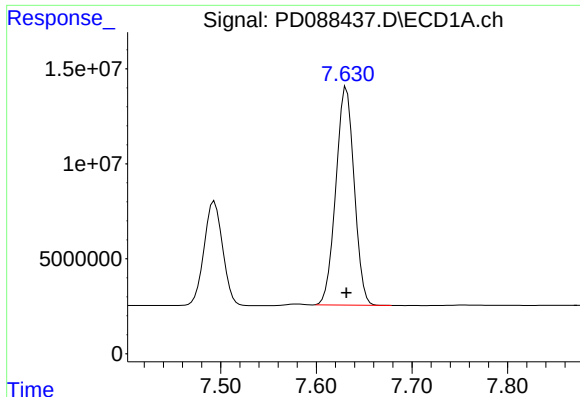
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 73871413
Conc: 49.26 ng/ml



#20 Methoxychlor

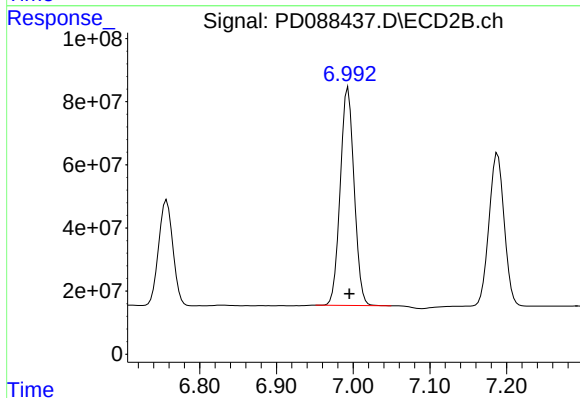
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 431206403
Conc: 47.28 ng/ml



#21 Endrin ketone

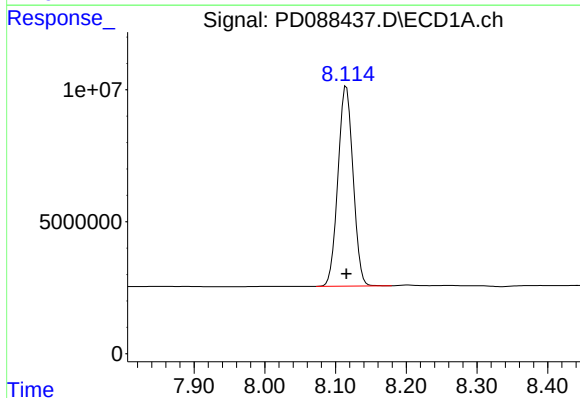
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 152739408
Conc: 49.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



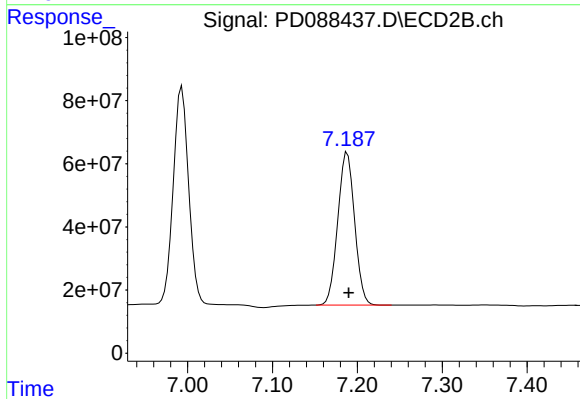
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 868892888
Conc: 46.45 ng/ml



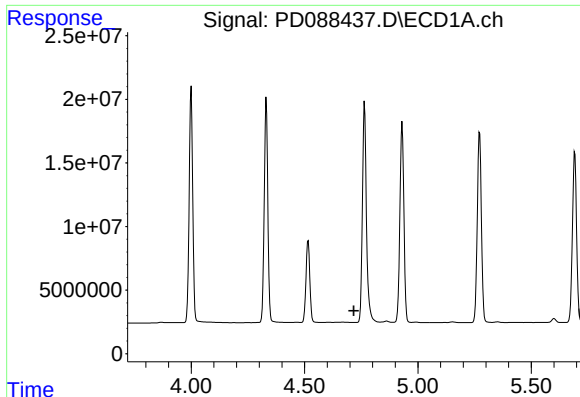
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 112472073
Conc: 47.89 ng/ml



#22 Mirex

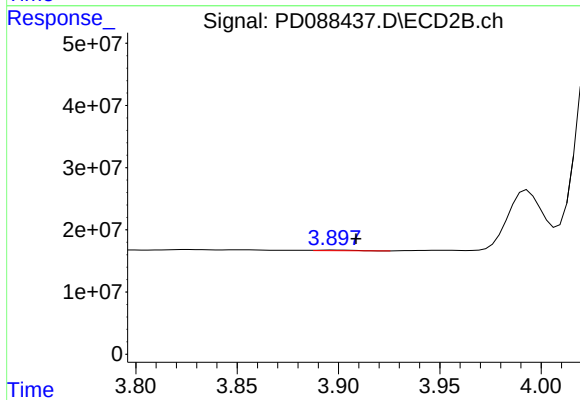
R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 666660040
Conc: 44.98 ng/ml



#23 Chlordane-1

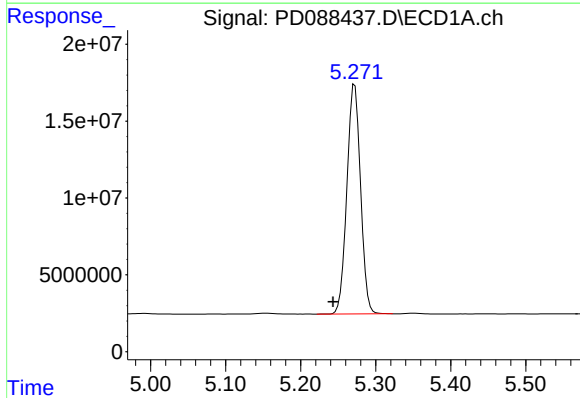
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



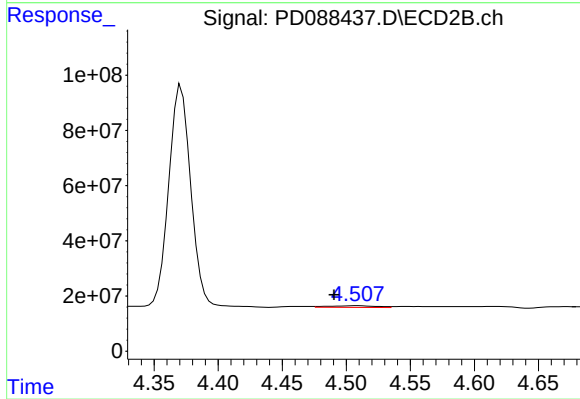
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.010 min
Response: 1415665
Conc: 1.77 ng/ml



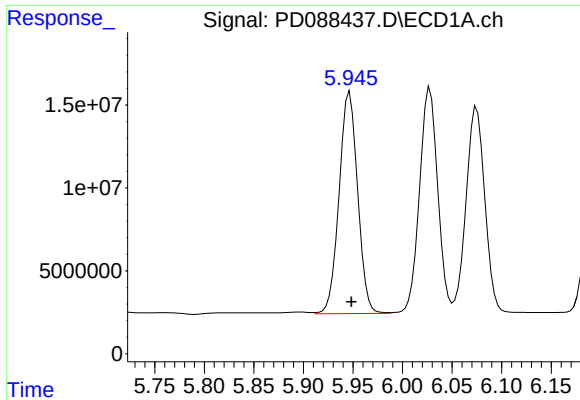
#24 Chlordane-2

R.T.: 5.272 min
Delta R.T.: 0.029 min
Response: 188857164
Conc: 1134.08 ng/ml



#24 Chlordane-2

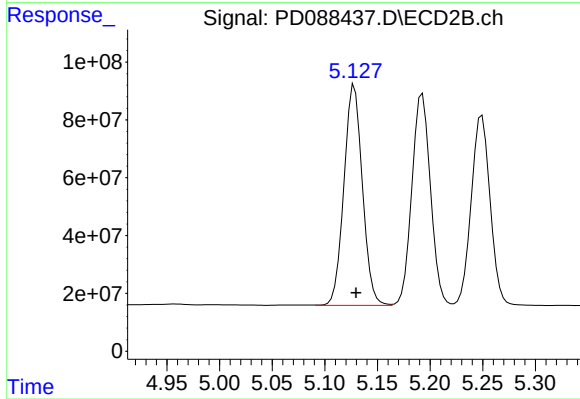
R.T.: 4.508 min
Delta R.T.: 0.018 min
Response: 15496555
Conc: 18.78 ng/ml



#25 Chlordane-3

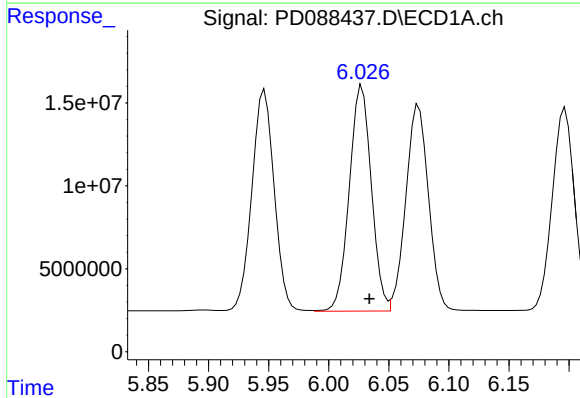
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 174119859
Conc: 258.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



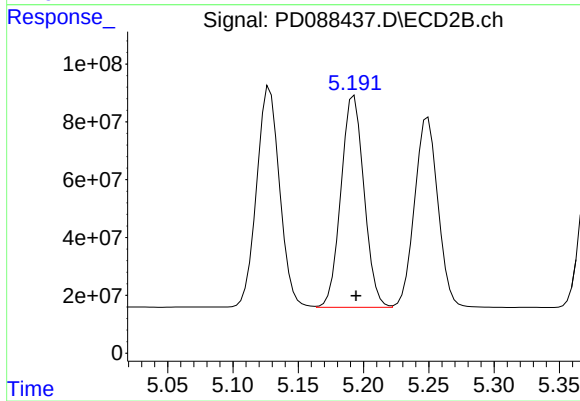
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 934689717
Conc: 369.58 ng/ml



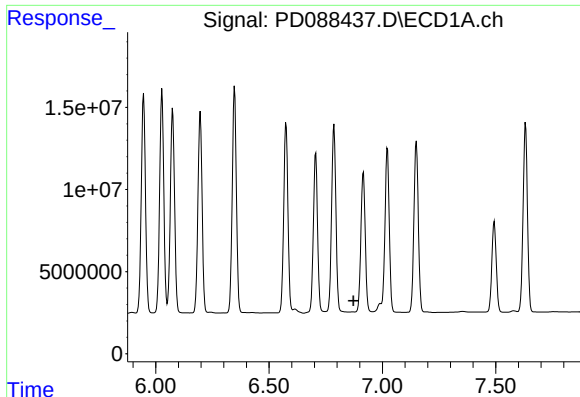
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: -0.006 min
Response: 173971658
Conc: 213.38 ng/ml



#26 Chlordane-4

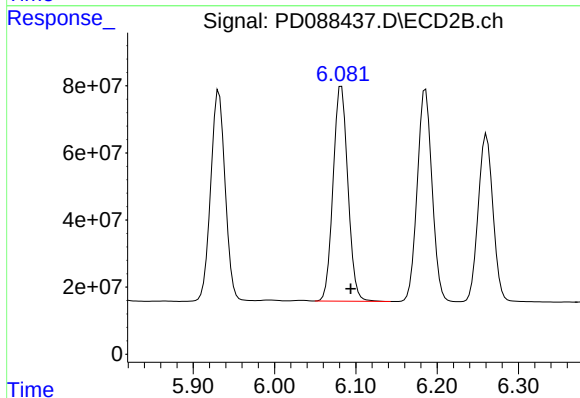
R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 899986803
Conc: 420.92 ng/ml



#27 Chlordane-5

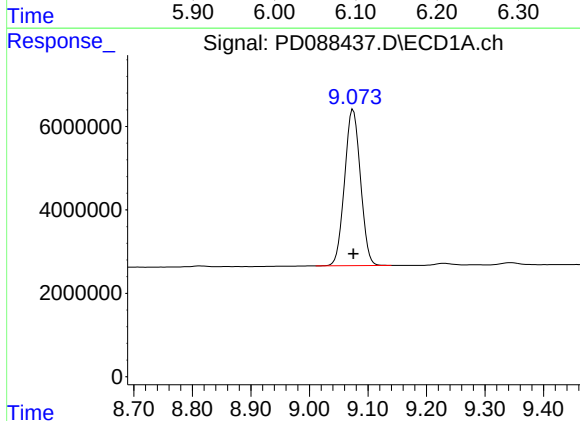
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB167914BSD



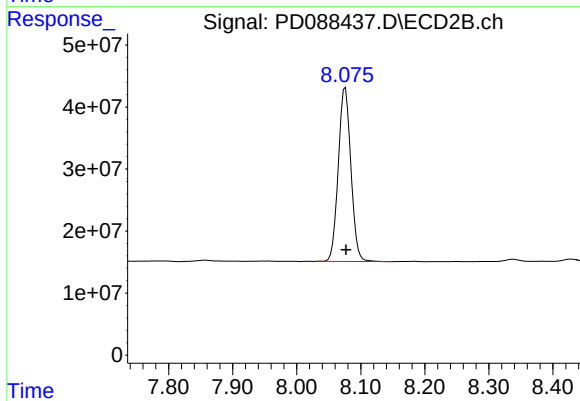
#27 Chlordane-5

R.T.: 6.082 min
Delta R.T.: -0.011 min
Response: 810744536
Conc: 839.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 70557464
Conc: 21.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 383070222
Conc: 20.73 ng/ml