

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
 Data File : PD090016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 18:22
 Operator : AR\AJ
 Sample : Q2932-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ARS20-0009

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 01:54:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.549	2.878	49735678	341.7E6	16.947	15.497
28)	SA Decachlor...	9.071	8.066	69216513	376.8E6	16.037	14.554
Target Compounds							
2)	A alpha-BHC	3.975f	3.399	611376	10870084	0.102	0.320 #
3)	MA gamma-BHC...	4.329	3.732	1255693	3722471	0.219	0.119 #
4)	MA Heptachlor	4.946f	4.098f	2094197	9842081	0.373	0.316
5)	MB Aldrin	5.256	4.362	454551	4309046	0.084	0.141 #
6)	B beta-BHC	4.493f	4.035	1502250	51976035	0.670	3.899 #
7)	B delta-BHC	4.772	4.264	4468389	1357628	0.863	0.043 #
8)	B Heptachlo...	5.675	4.864	1453063	2291335	0.296	0.083 #
9)	A Endosulfan I	6.100f	5.263f	2003260	21997289	0.434	0.839 #
10)	B gamma-Chl...	5.943	5.121	3762804	20373366	0.769	0.688
11)	B alpha-Chl...	6.029	5.185	6861595	36149378	1.394	1.267
12)	B 4,4'-DDE	6.194	5.370	35957632	230.5E6	8.194	7.997
13)	MA Dieldrin	6.345	5.507	2386790	37268274	0.488	1.273 #
14)	MA Endrin	6.576	5.789	1189946	17071131	0.287	0.641 #
15)	B Endosulfa...	6.770	6.082	819934	19201318	0.194	0.759 #
16)	A 4,4'-DDD	6.703	5.925	8416416	32337189	2.433	1.345 #
17)	MA 4,4'-DDT	7.019	6.178	29623434	178.6E6	7.776	7.123
18)	B Endrin al...	6.929f	6.239	1072442	25771934	0.374	1.497 #
19)	B Endosulfa...	0.000	6.498f	0	48077923	N.D.	1.972 #
20)	A Methoxychlor	0.000	6.733f	0	9423843	N.D.	0.731 #
21)	B Endrin ke...	7.613	0.000	1844823	0	0.445	N.D. #
22)	Mirex	0.000	7.169	0	26151423	N.D.	1.266 #
23)	Chlordane-1	0.000	3.904	0	18075147	N.D.	20.334 #
24)	Chlordane-2	5.256	4.469	454551	1939236	2.582	2.024
25)	Chlordane-3	5.943	5.121	3762804	20373366	5.548	7.352 #
26)	Chlordane-4	6.029	5.185	6861595	36149378	8.265	15.019 #
27)	Chlordane-5	0.000	6.082	0	19201318	N.D.	17.456 #

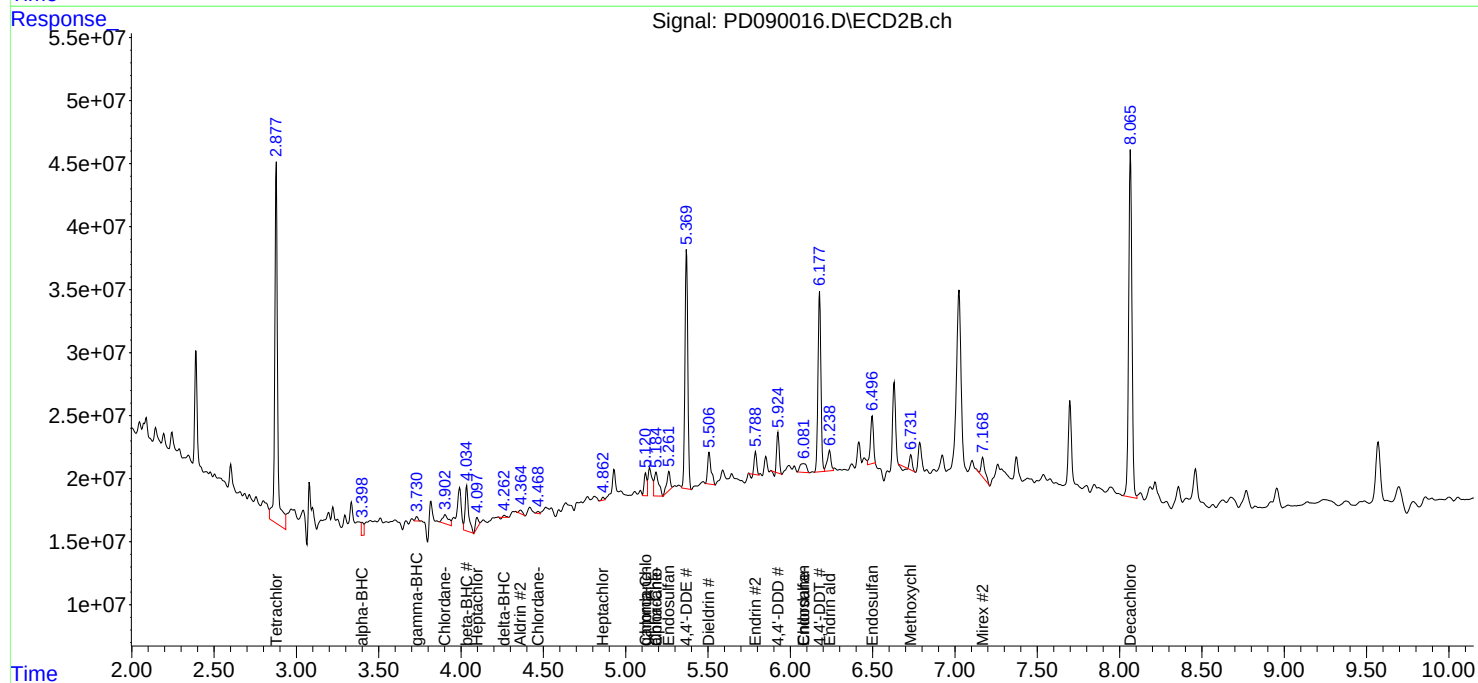
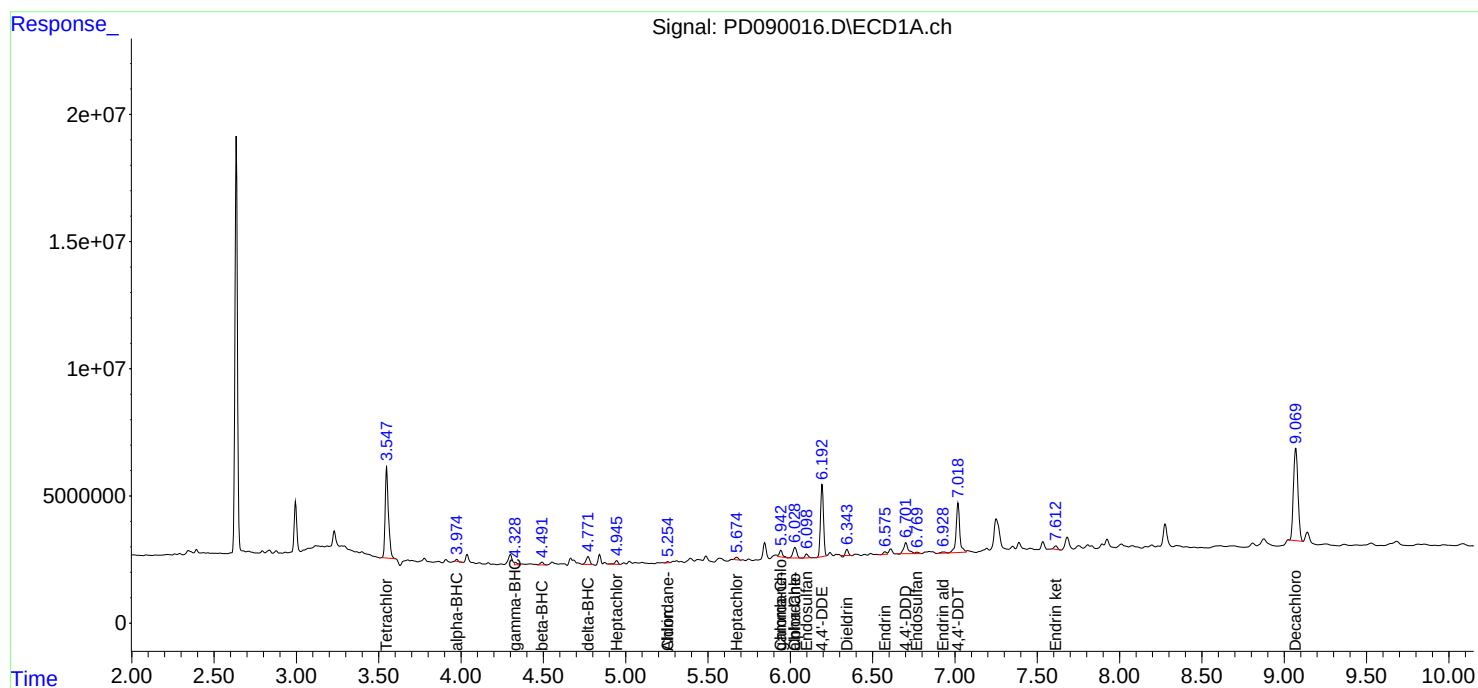
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

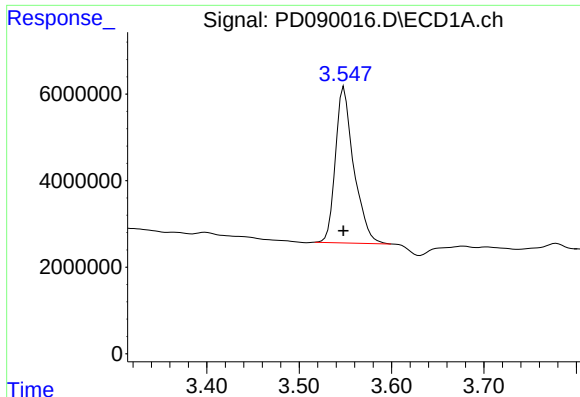
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
Data File : PD090016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 18:22
Operator : AR\AJ
Sample : Q2932-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ARS20-0009

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 01:54:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

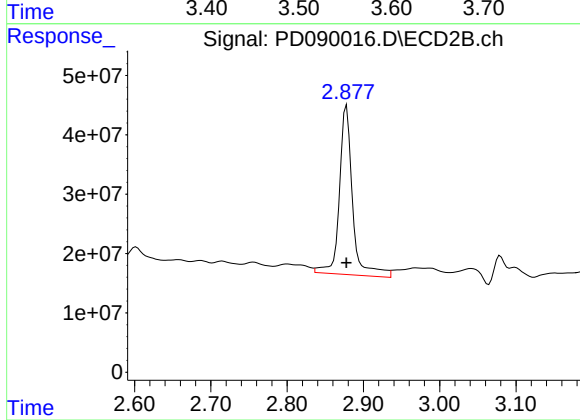




#1 Tetrachloro-m-xylene

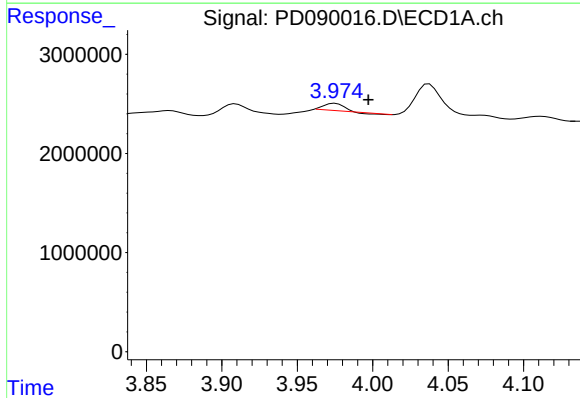
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 49735678
Conc: 16.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



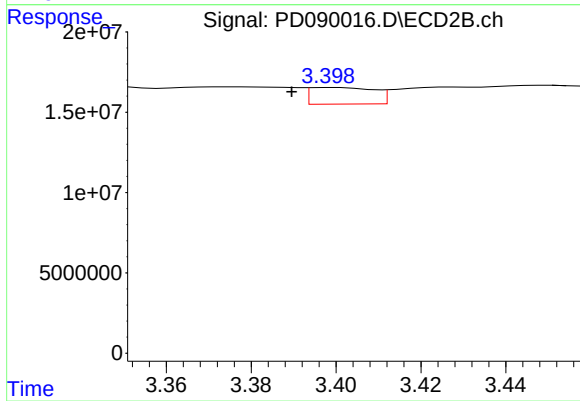
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 341716474
Conc: 15.50 ng/ml



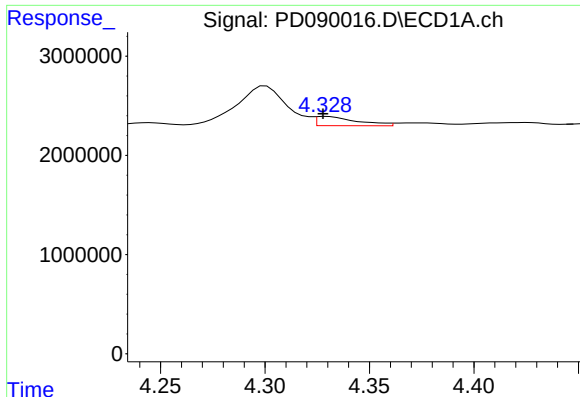
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.022 min
Response: 611376
Conc: 0.10 ng/ml



#2 alpha-BHC

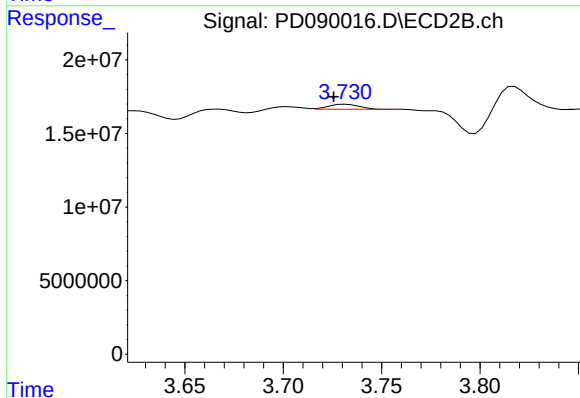
R.T.: 3.399 min
Delta R.T.: 0.010 min
Response: 10870084
Conc: 0.32 ng/ml



#3 gamma-BHC (Lindane)

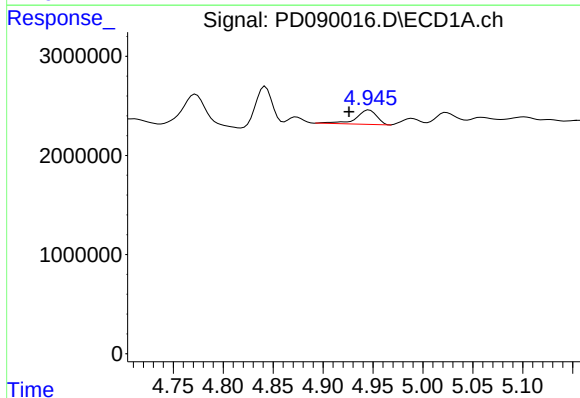
R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 1255693
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



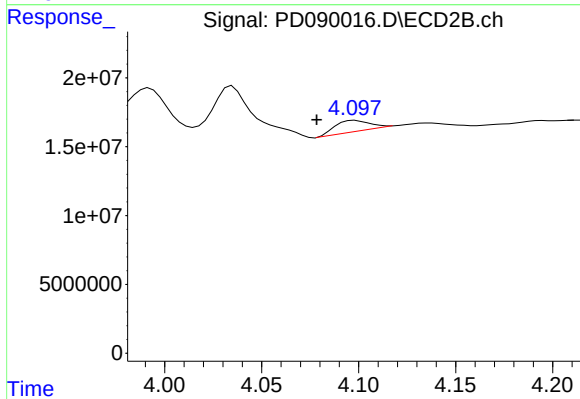
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.006 min
Response: 3722471
Conc: 0.12 ng/ml



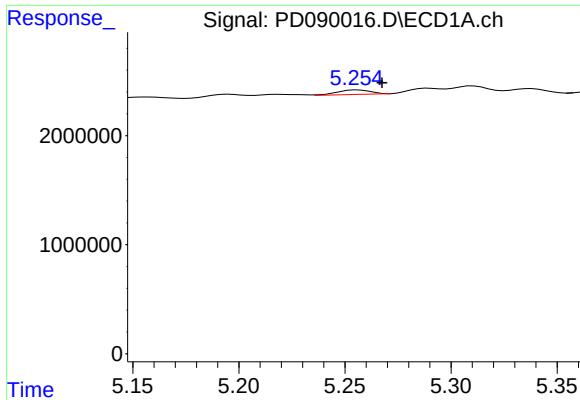
#4 Heptachlor

R.T.: 4.946 min
Delta R.T.: 0.020 min
Response: 2094197
Conc: 0.37 ng/ml



#4 Heptachlor

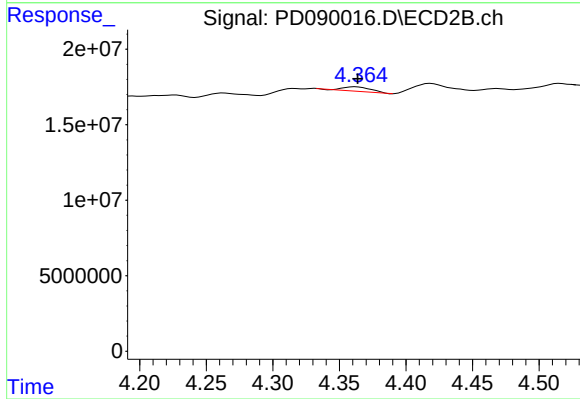
R.T.: 4.098 min
Delta R.T.: 0.020 min
Response: 9842081
Conc: 0.32 ng/ml



#5 Aldrin

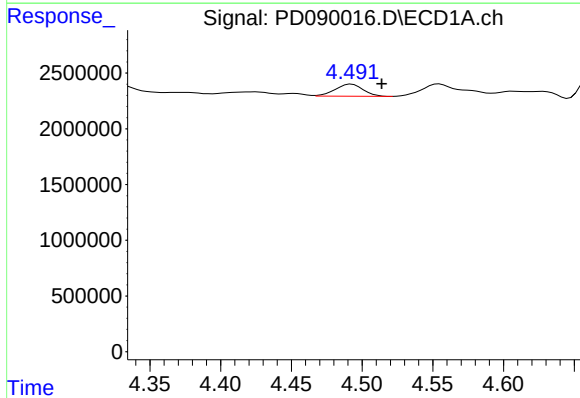
R.T.: 5.256 min
Delta R.T.: -0.011 min
Response: 454551
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



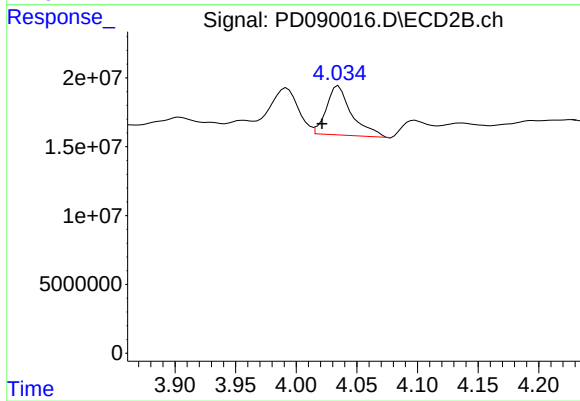
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 4309046
Conc: 0.14 ng/ml



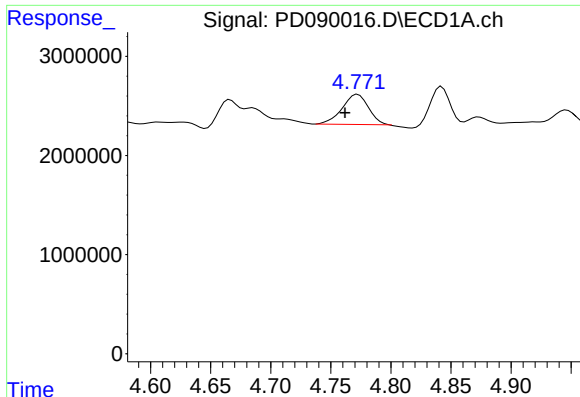
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.021 min
Response: 1502250
Conc: 0.67 ng/ml



#6 beta-BHC

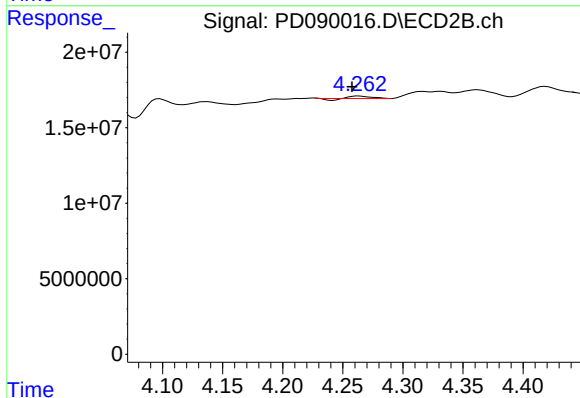
R.T.: 4.035 min
Delta R.T.: 0.014 min
Response: 51976035
Conc: 3.90 ng/ml



#7 delta-BHC

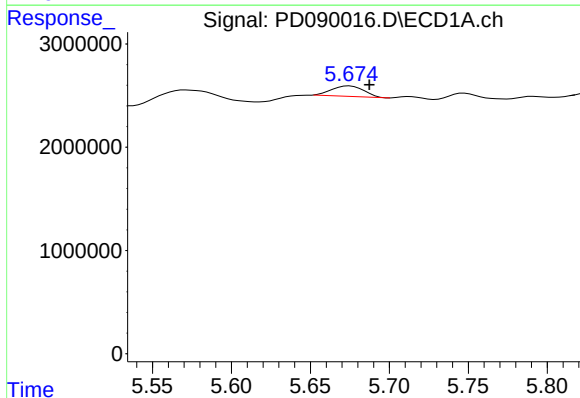
R.T.: 4.772 min
Delta R.T.: 0.010 min
Response: 4468389
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



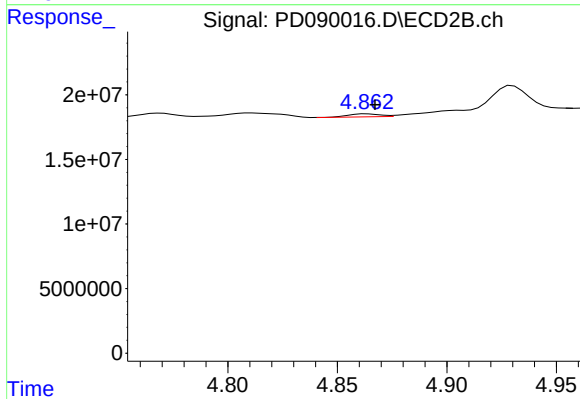
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.006 min
Response: 1357628
Conc: 0.04 ng/ml



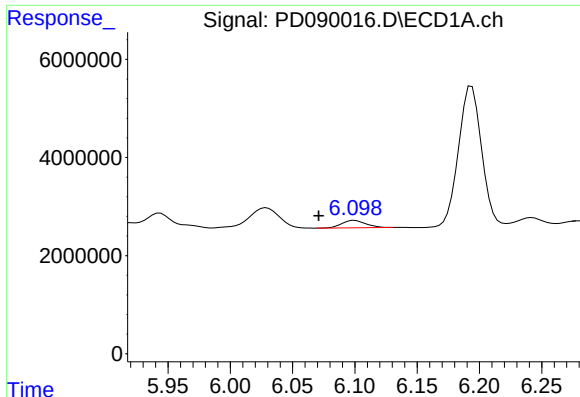
#8 Heptachlor epoxide

R.T.: 5.675 min
Delta R.T.: -0.012 min
Response: 1453063
Conc: 0.30 ng/ml



#8 Heptachlor epoxide

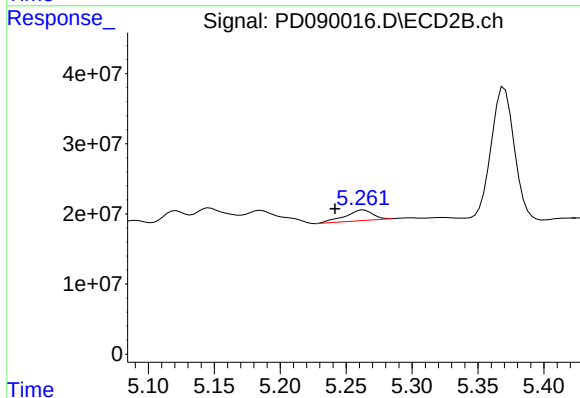
R.T.: 4.864 min
Delta R.T.: -0.004 min
Response: 2291335
Conc: 0.08 ng/ml



#9 Endosulfan I

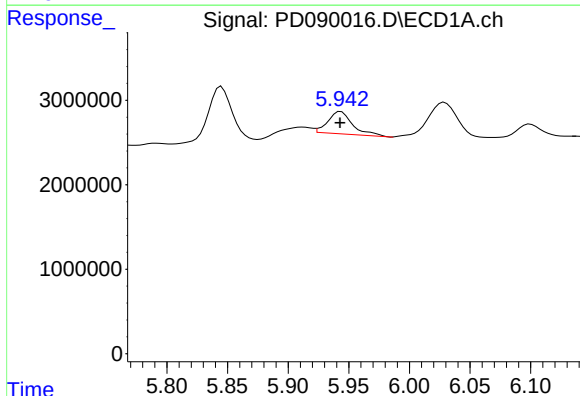
R.T.: 6.100 min
Delta R.T.: 0.029 min
Response: 2003260
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



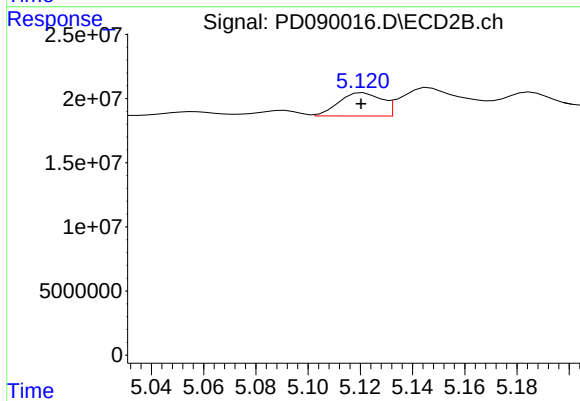
#9 Endosulfan I

R.T.: 5.263 min
Delta R.T.: 0.022 min
Response: 21997289
Conc: 0.84 ng/ml



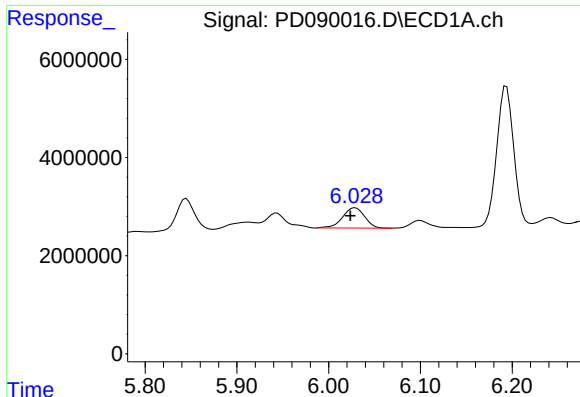
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 3762804
Conc: 0.77 ng/ml



#10 gamma-Chlordane

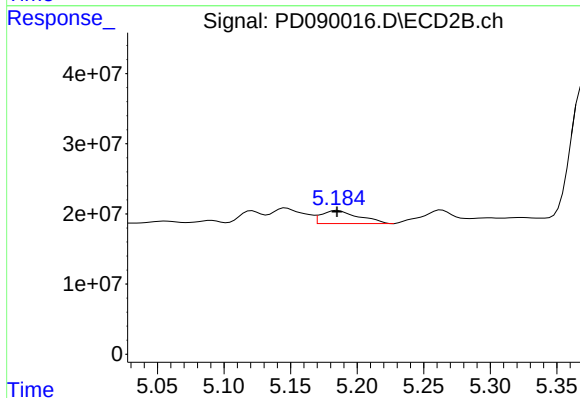
R.T.: 5.121 min
Delta R.T.: 0.001 min
Response: 20373366
Conc: 0.69 ng/ml



#11 alpha-Chlordane

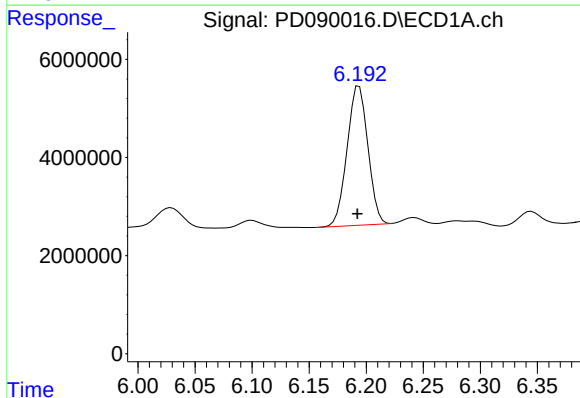
R.T.: 6.029 min
Delta R.T.: 0.005 min
Response: 6861595
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



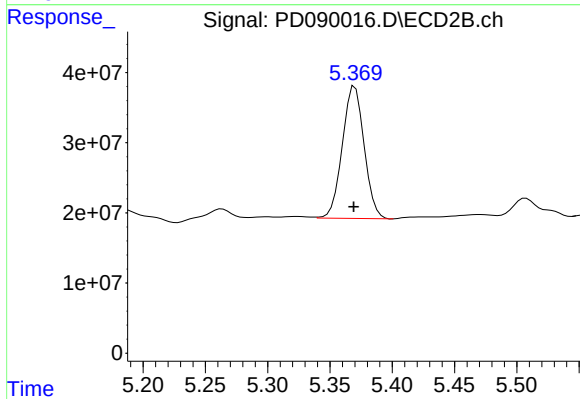
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 36149378
Conc: 1.27 ng/ml



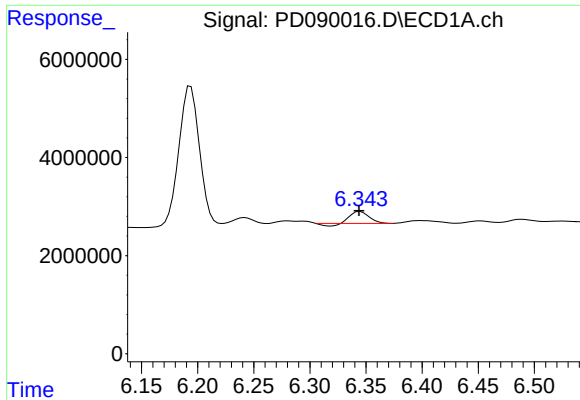
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 35957632
Conc: 8.19 ng/ml



#12 4,4'-DDE

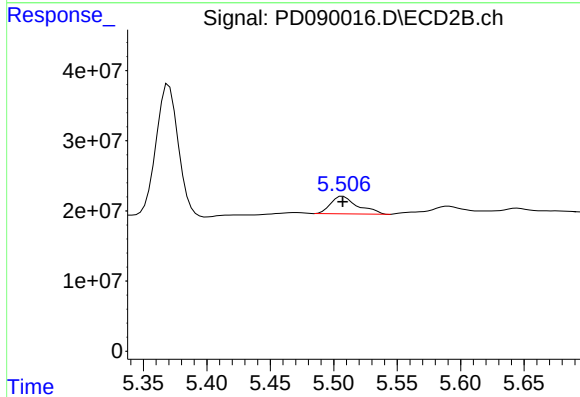
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 230486157
Conc: 8.00 ng/ml



#13 Dieldrin

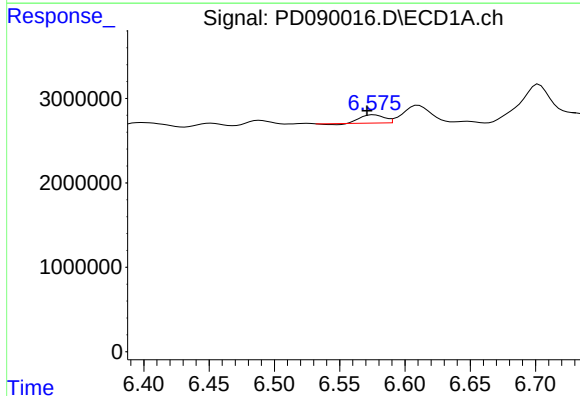
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 2386790
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



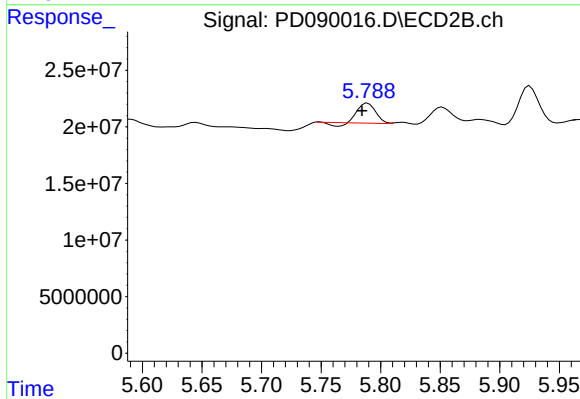
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 37268274
Conc: 1.27 ng/ml



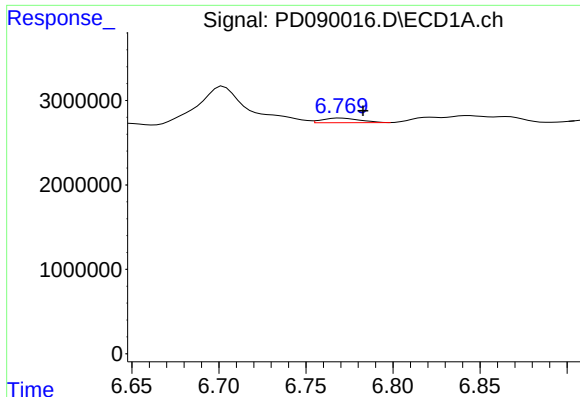
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.005 min
Response: 1189946
Conc: 0.29 ng/ml



#14 Endrin

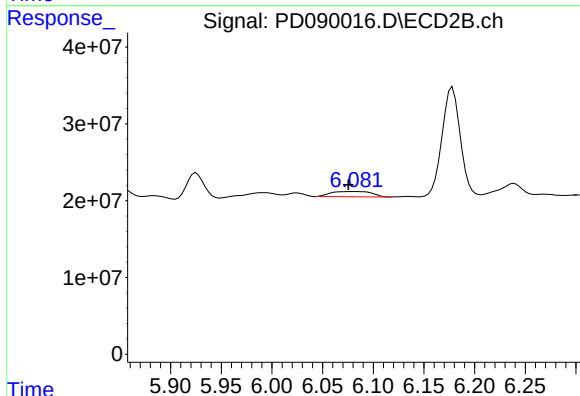
R.T.: 5.789 min
Delta R.T.: 0.005 min
Response: 17071131
Conc: 0.64 ng/ml



#15 Endosulfan II

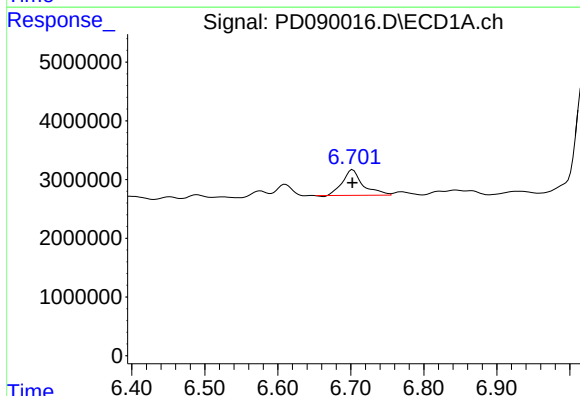
R.T.: 6.770 min
Delta R.T.: -0.013 min
Response: 819934
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



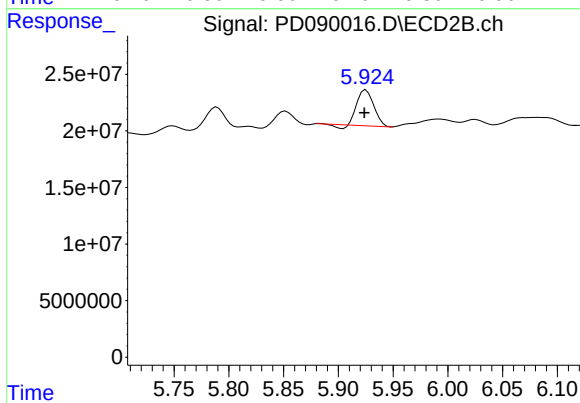
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: 0.007 min
Response: 19201318
Conc: 0.76 ng/ml



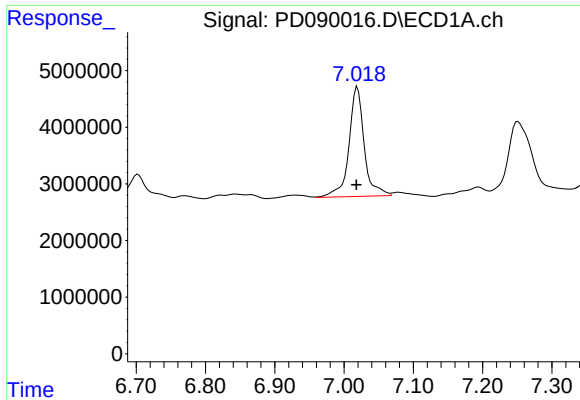
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 8416416
Conc: 2.43 ng/ml



#16 4,4'-DDD

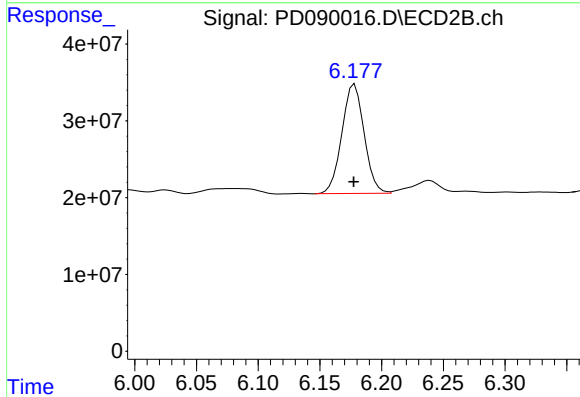
R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 32337189
Conc: 1.34 ng/ml



#17 4,4'-DDT

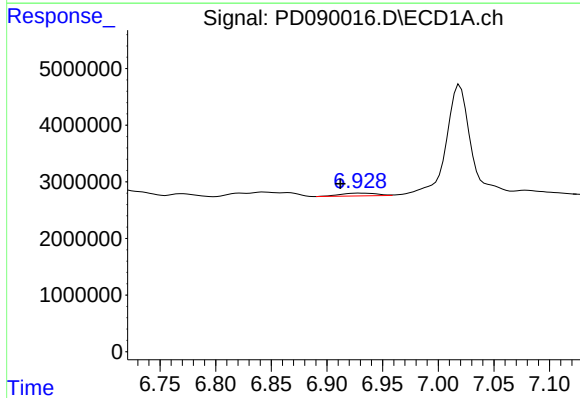
R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 29623434
Conc: 7.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



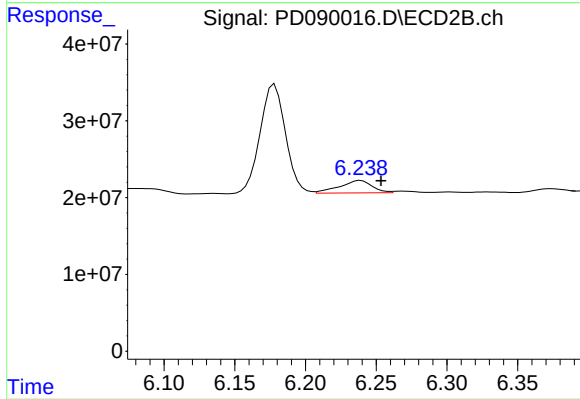
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 178566546
Conc: 7.12 ng/ml



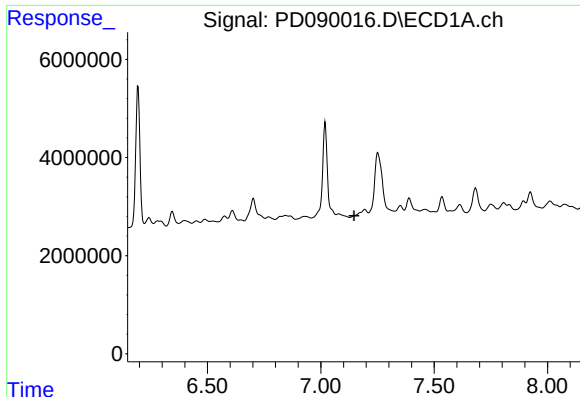
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.017 min
Response: 1072442
Conc: 0.37 ng/ml



#18 Endrin aldehyde

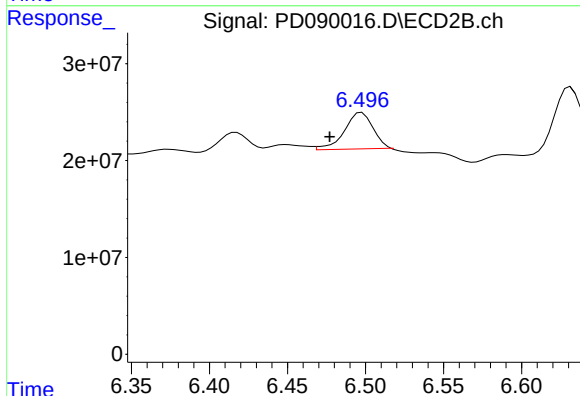
R.T.: 6.239 min
Delta R.T.: -0.014 min
Response: 25771934
Conc: 1.50 ng/ml



#19 Endosulfan Sulfate

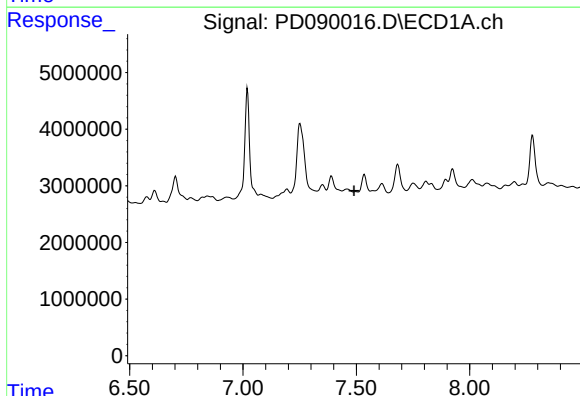
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



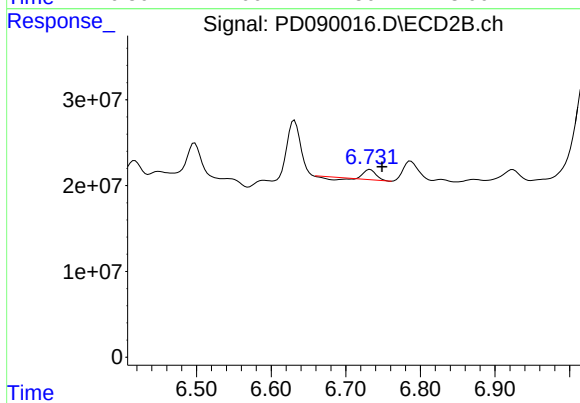
#19 Endosulfan Sulfate

R.T.: 6.498 min
Delta R.T.: 0.020 min
Response: 48077923
Conc: 1.97 ng/ml



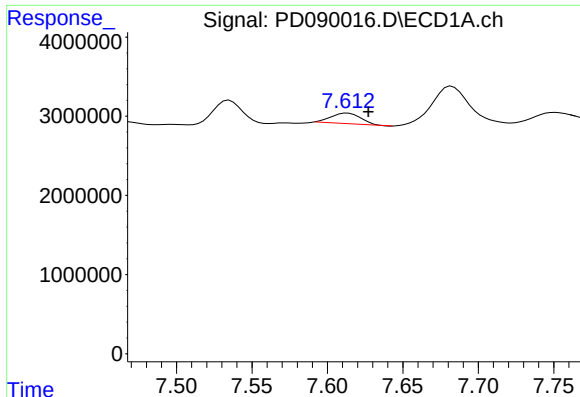
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.490 min
Response: 0
Conc: N.D.



#20 Methoxychlor

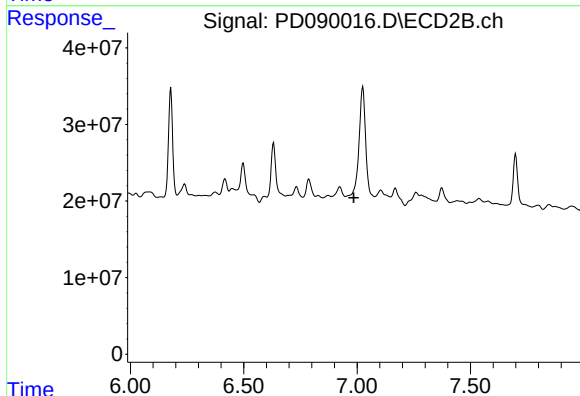
R.T.: 6.733 min
Delta R.T.: -0.016 min
Response: 9423843
Conc: 0.73 ng/ml



#21 Endrin ketone

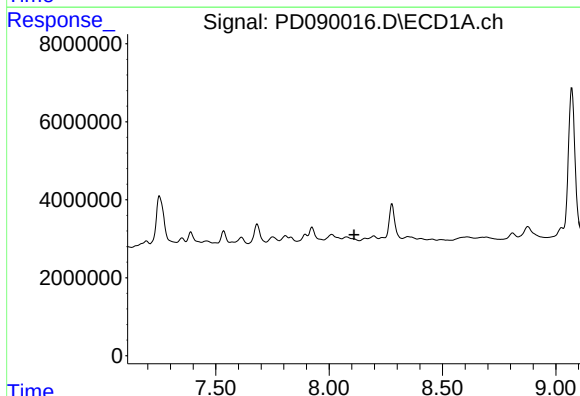
R.T.: 7.613 min
Delta R.T.: -0.014 min
Response: 1844823
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



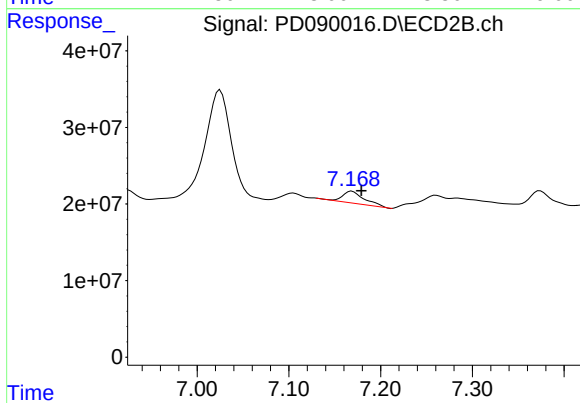
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.986 min
Response: 0
Conc: N.D.



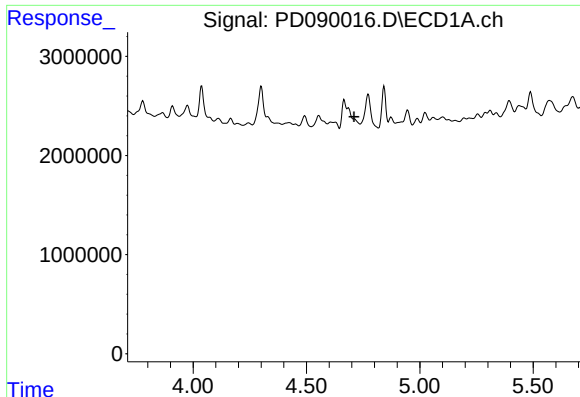
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#22 Mirex

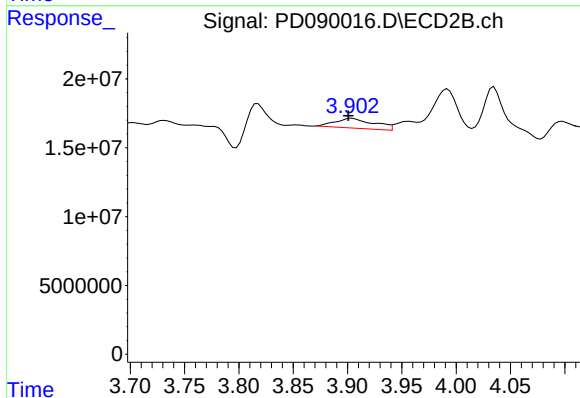
R.T.: 7.169 min
Delta R.T.: -0.010 min
Response: 26151423
Conc: 1.27 ng/ml



#23 Chlordane-1

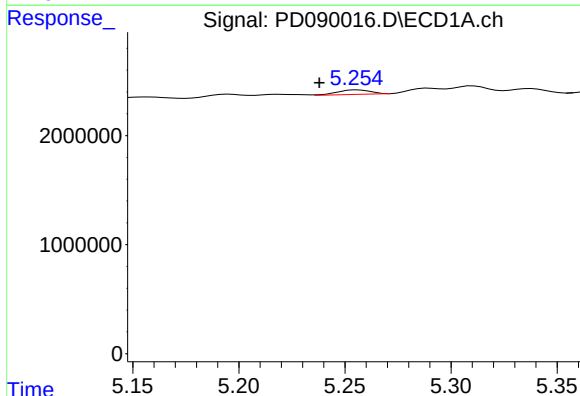
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



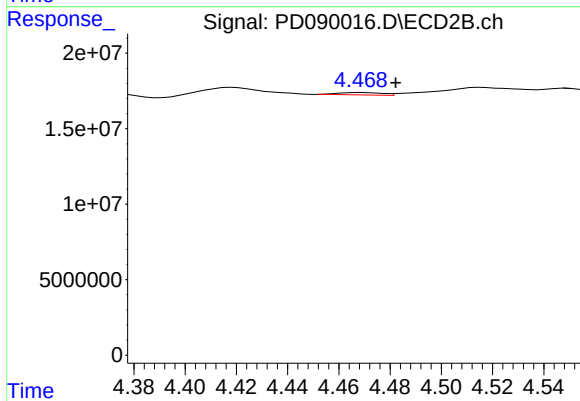
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: 0.003 min
Response: 18075147
Conc: 20.33 ng/ml



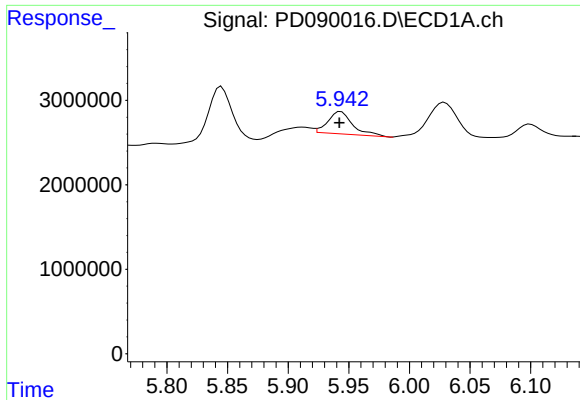
#24 Chlordane-2

R.T.: 5.256 min
Delta R.T.: 0.018 min
Response: 454551
Conc: 2.58 ng/ml



#24 Chlordane-2

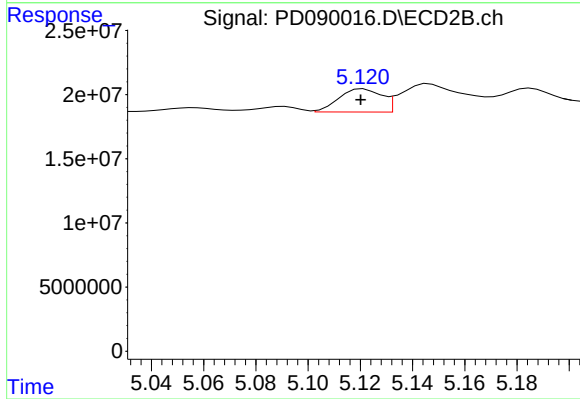
R.T.: 4.469 min
Delta R.T.: -0.013 min
Response: 1939236
Conc: 2.02 ng/ml



#25 Chlordane-3

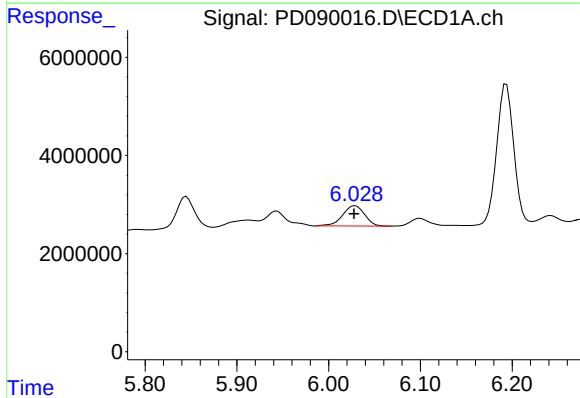
R.T.: 5.943 min
Delta R.T.: 0.001 min
Response: 3762804
Conc: 5.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



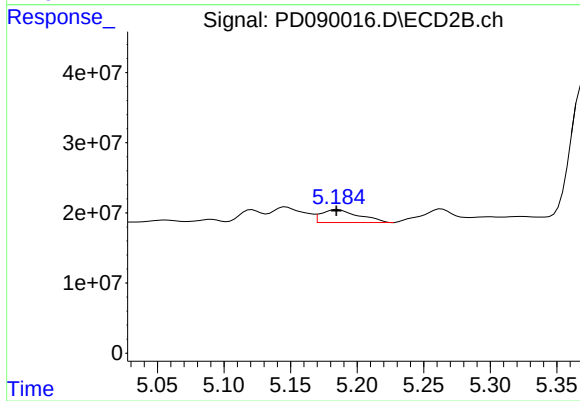
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: 0.001 min
Response: 20373366
Conc: 7.35 ng/ml



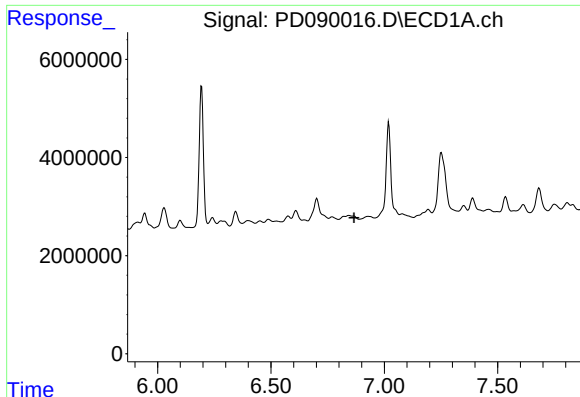
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: 0.001 min
Response: 6861595
Conc: 8.26 ng/ml



#26 Chlordane-4

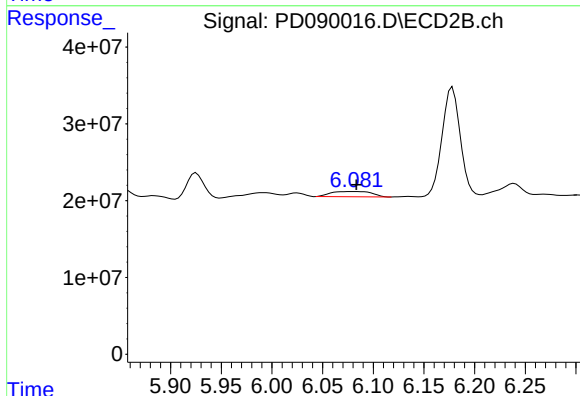
R.T.: 5.185 min
Delta R.T.: 0.001 min
Response: 36149378
Conc: 15.02 ng/ml



#27 Chlordane-5

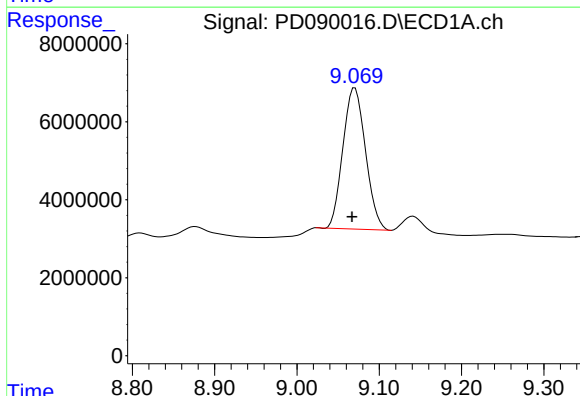
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ARS20-0009



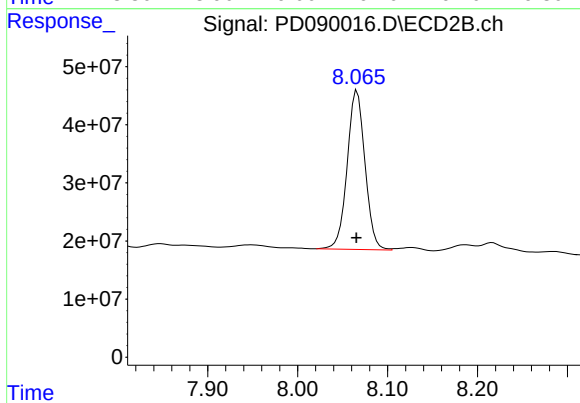
#27 Chlordane-5

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 19201318
Conc: 17.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 69216513
Conc: 16.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 376754612
Conc: 14.55 ng/ml