

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032919\
 Data File : PD052304.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Mar 2019 15:00
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 04:55:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.222	4.044	27640049	608.9E6	19.808	21.008
28)	SA Decachlor...	7.819	9.158	29642056	348.0E6	22.241	22.380
Target Compounds							
2)	A alpha-BHC	3.641	4.436	20252349	479.6E6	8.909	10.656
3)	MA gamma-BHC...	3.910	4.723	22238897	442.1E6	10.171	10.989
4)	MA Heptachlor	0.000	5.257f	0	565099	N.D.	0.014 #
6)	B beta-BHC	4.156	4.893	9304672	217.9E6	10.542	12.042
8)	B Heptachlo...	0.000	5.924	0	76599080	N.D.	2.373 #
9)	A Endosulfan I	0.000	6.283	0	3706262	N.D.	0.127 #
10)	B gamma-Chl...	0.000	6.192f	0	43778329	N.D.	1.368 #
11)	B alpha-Chl...	0.000	6.253	0	14768955	N.D.	0.471 #
12)	B 4,4'-DDE	0.000	6.395	0	5702895	N.D.	0.187 #
13)	MA Dieldrin	0.000	6.556	0	2327989	N.D.	0.078 #
14)	MA Endrin	5.650	6.768	95184063	1240.7E6	51.693	49.513
15)	B Endosulfa...	0.000	6.980	0	11671111	N.D.	0.468 #
16)	A 4,4'-DDD	5.816f	6.898	646412	24778014	0.423	1.036 #
17)	MA 4,4'-DDT	6.021	7.189	173.2E6	2144.8E6	120.383	115.099
18)	B Endrin al...	0.000	7.099	0	4569464	N.D.	0.222 #
20)	A Methoxychlor	6.566	7.647	232.8E6	2538.2E6	275.619	253.740
21)	B Endrin ke...	6.768	7.799	1515783	14143343	0.833	0.690
25)	Chlordane-3	0.000	6.192f	0	43778329	N.D.	9.921 #
26)	Chlordane-4	0.000	6.253	0	14768955	N.D.	2.904 #

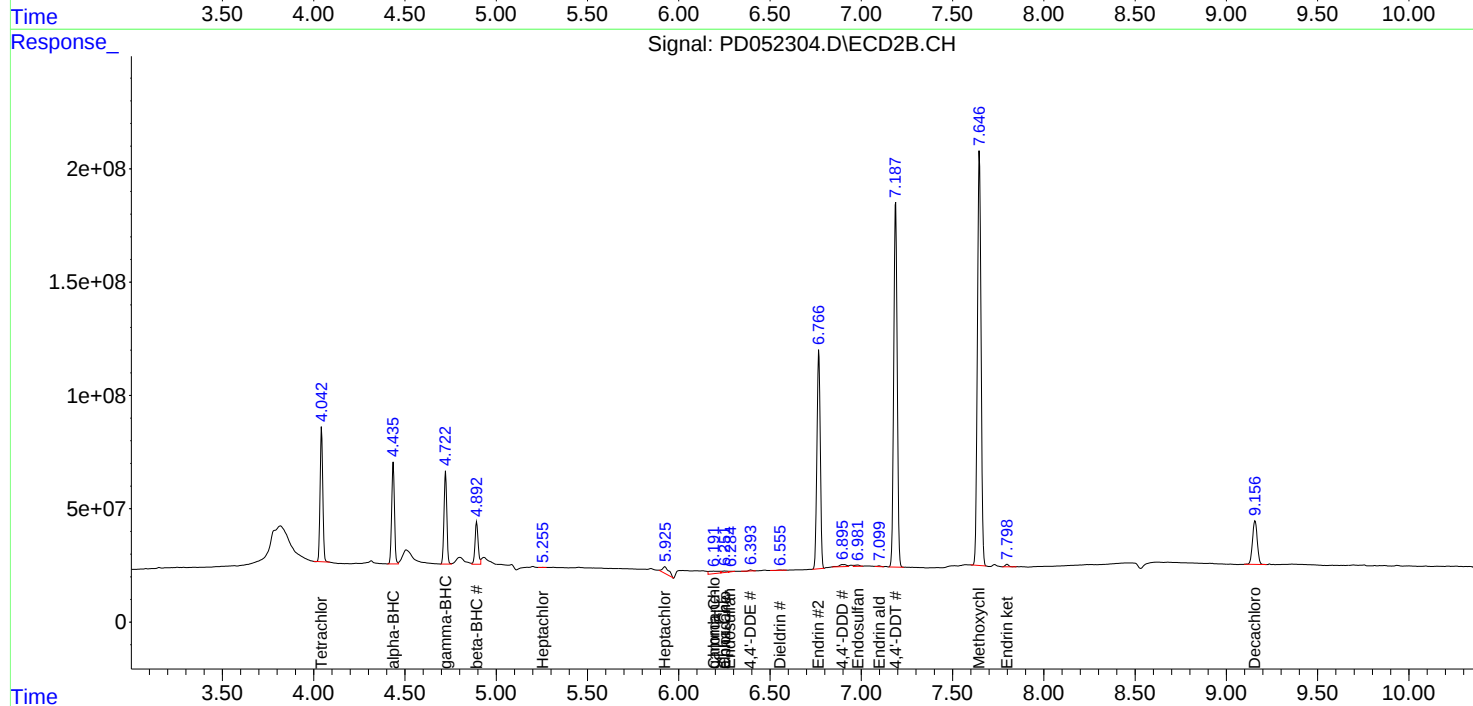
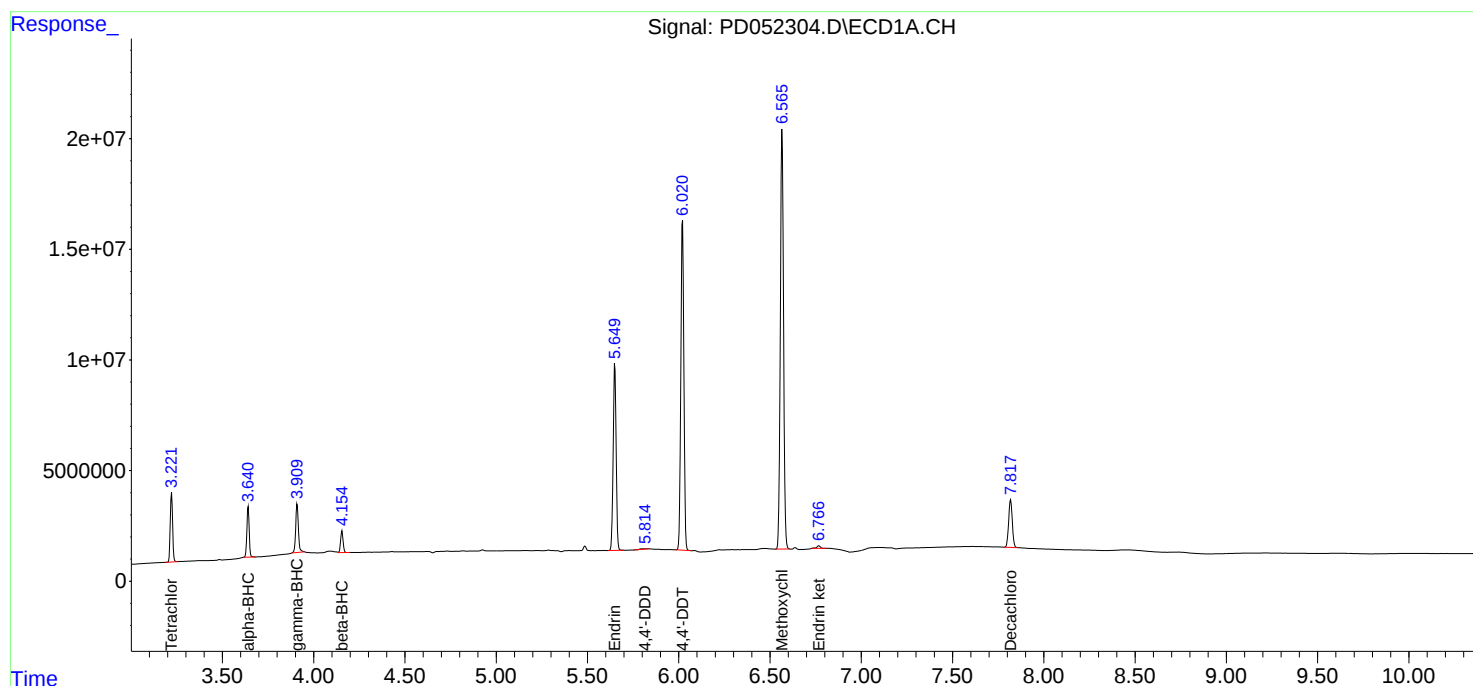
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

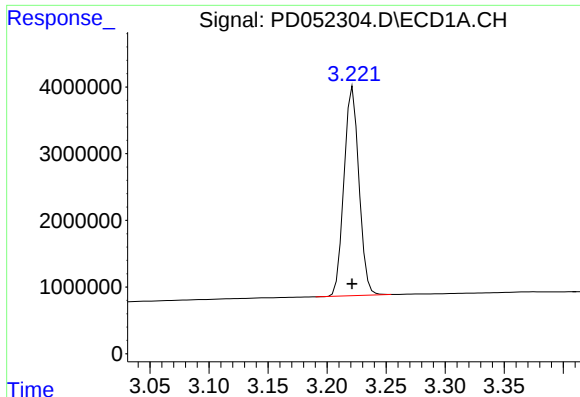
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032919\
Data File : PD052304.D
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Acq On : 29 Mar 2019 15:00
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ALS Vial : 3 Sample Multiplier: 1

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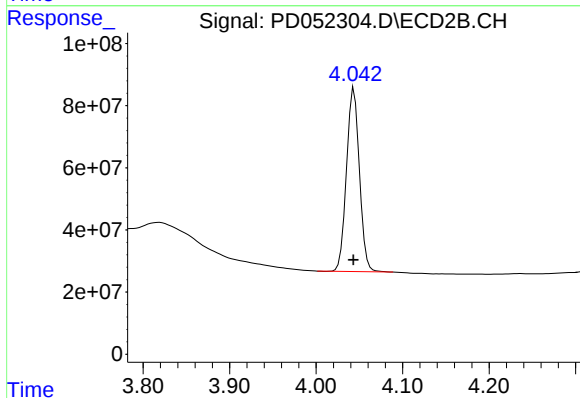




#1 Tetrachloro-m-xylene

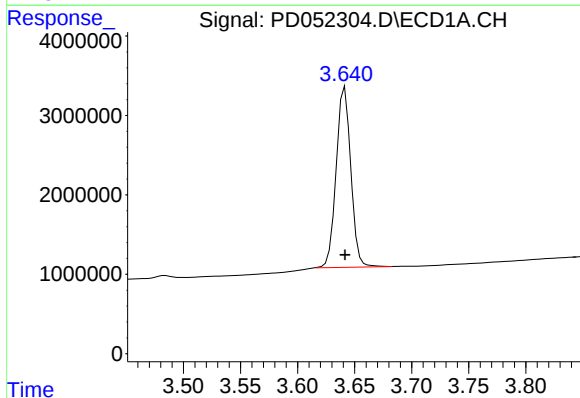
R.T.: 3.222 min
Delta R.T.: 0.000 min
Response: 27640049
Conc: 19.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



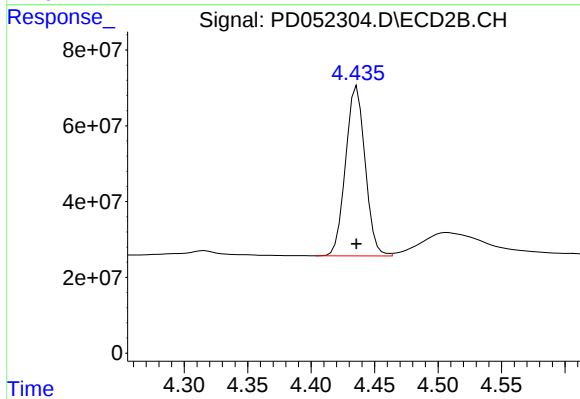
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 608901226
Conc: 21.01 ng/ml



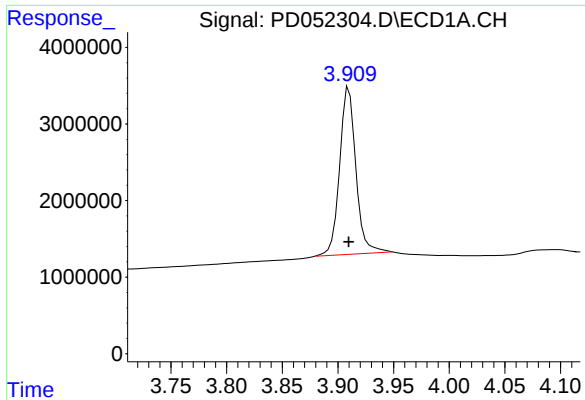
#2 alpha-BHC

R.T.: 3.641 min
Delta R.T.: 0.000 min
Response: 20252349
Conc: 8.91 ng/ml



#2 alpha-BHC

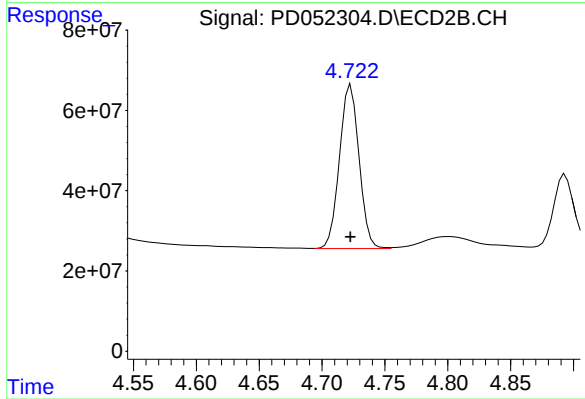
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 479603915
Conc: 10.66 ng/ml



#3 gamma-BHC (Lindane)

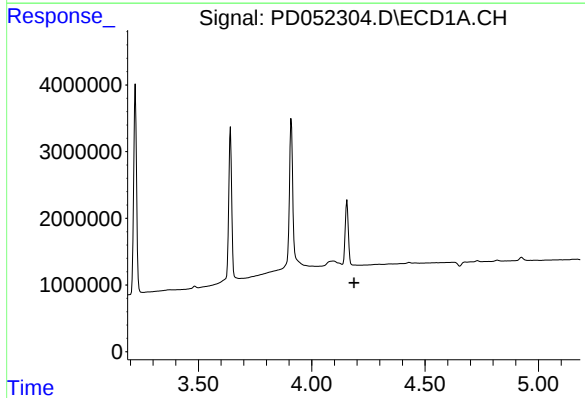
R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 22238897
Conc: 10.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



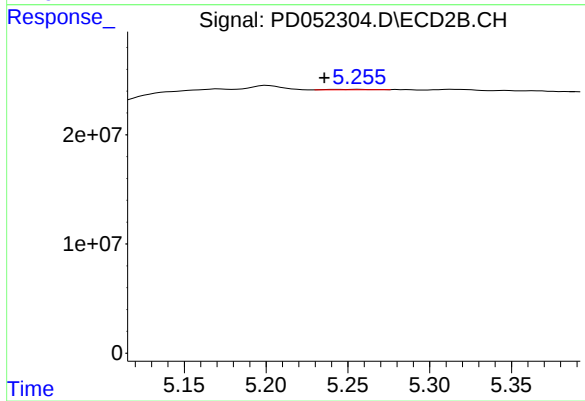
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 442088717
Conc: 10.99 ng/ml



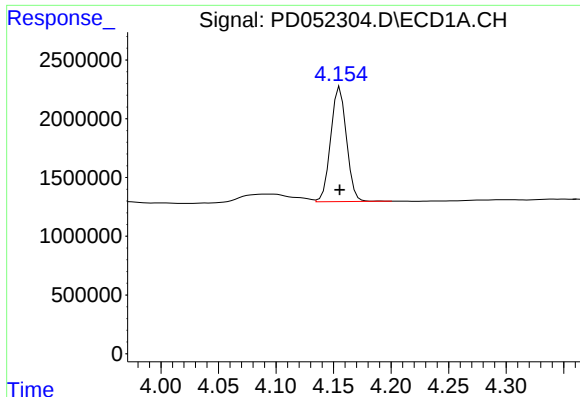
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.187 min
Response: 0
Conc: N.D.



#4 Heptachlor

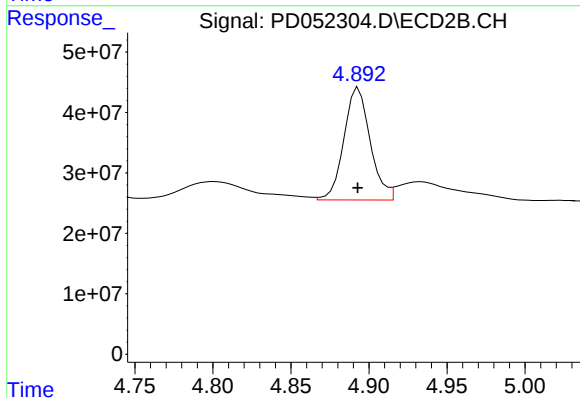
R.T.: 5.257 min
Delta R.T.: 0.021 min
Response: 565099
Conc: 0.01 ng/ml



#6 beta-BHC

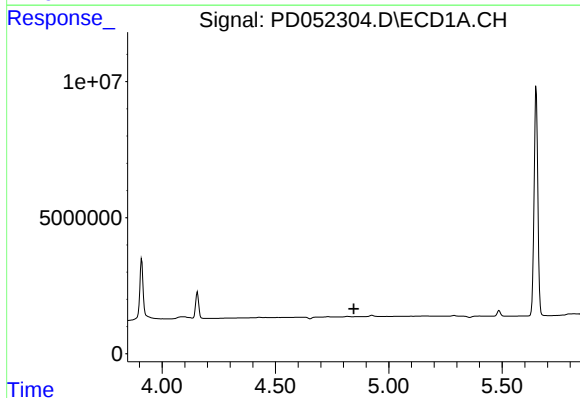
R.T.: 4.156 min
Delta R.T.: 0.000 min
Response: 9304672
Conc: 10.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



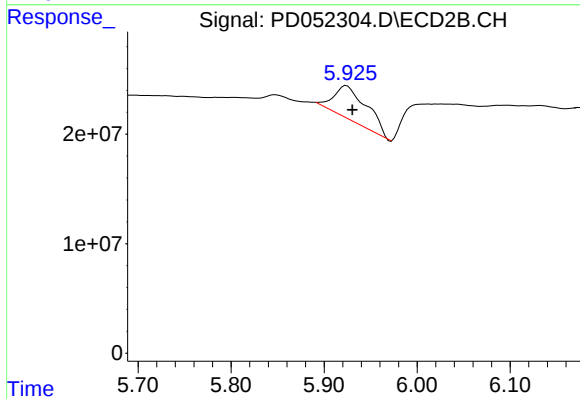
#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 217897673
Conc: 12.04 ng/ml



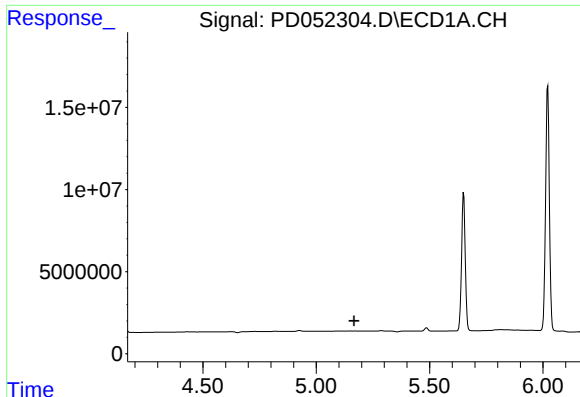
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

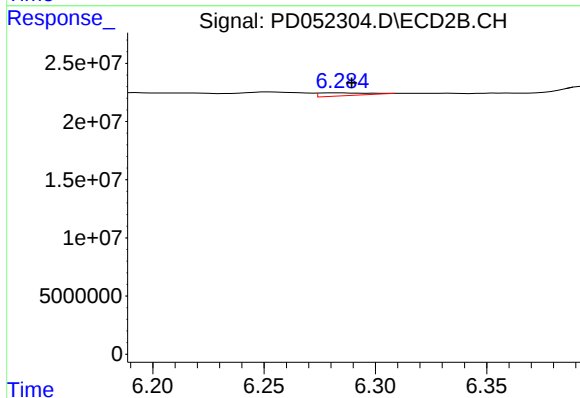
R.T.: 5.924 min
Delta R.T.: -0.006 min
Response: 76599080
Conc: 2.37 ng/ml



#9 Endosulfan I

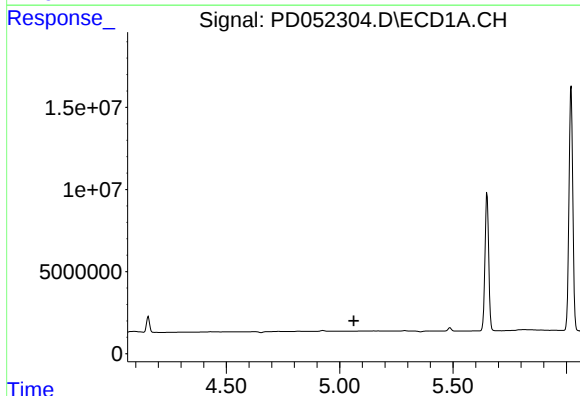
R.T.: 0.000 min
Exp R.T.: 5.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



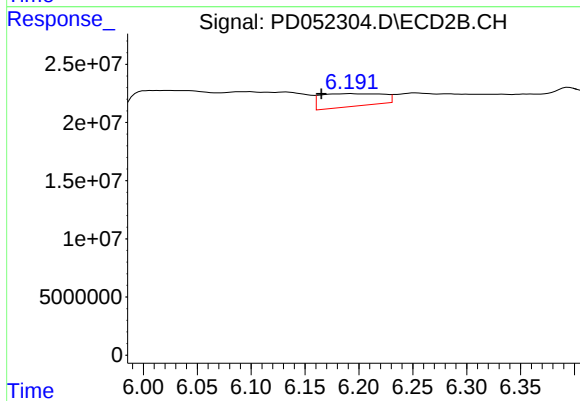
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: -0.006 min
Response: 3706262
Conc: 0.13 ng/ml



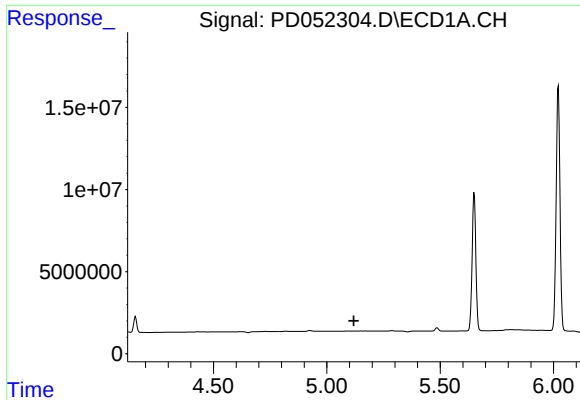
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.063 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

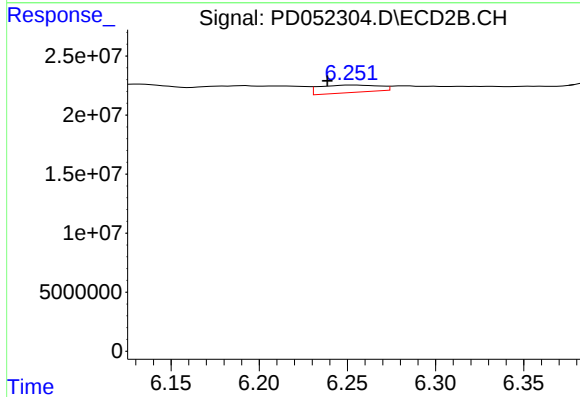
R.T.: 6.192 min
Delta R.T.: 0.026 min
Response: 43778329
Conc: 1.37 ng/ml



#11 alpha-Chlordane

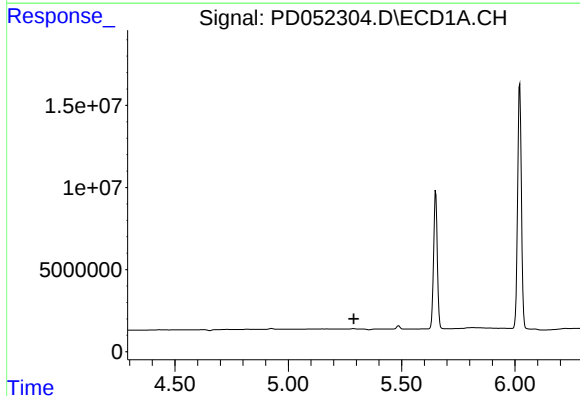
R.T.: 0.000 min
Exp R.T.: 5.119 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



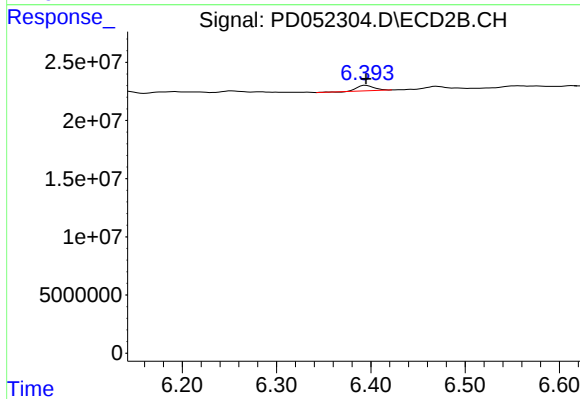
#11 alpha-Chlordane

R.T.: 6.253 min
Delta R.T.: 0.014 min
Response: 14768955
Conc: 0.47 ng/ml



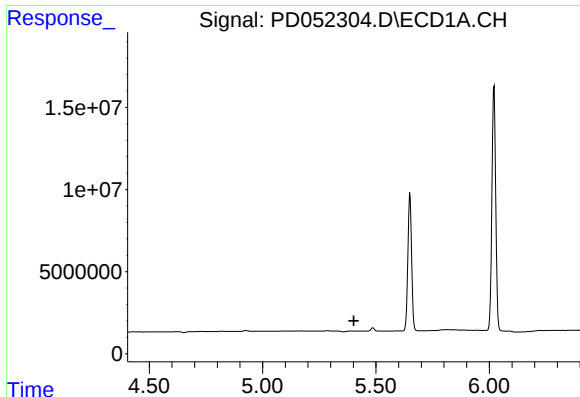
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.288 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

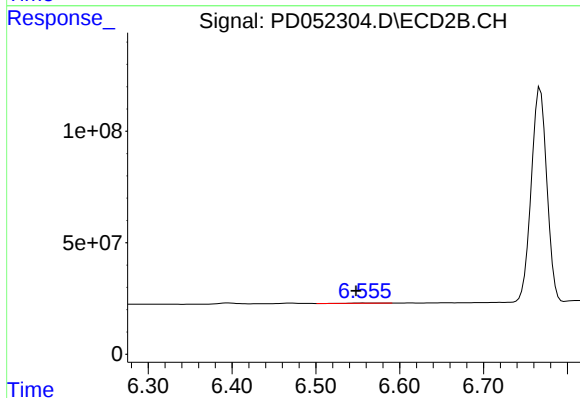
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 5702895
Conc: 0.19 ng/ml



#13 Dieldrin

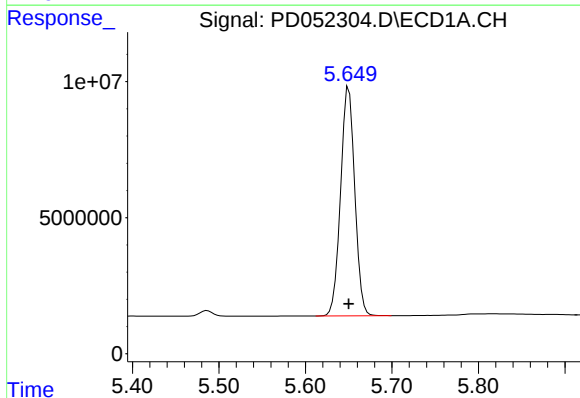
R.T.: 0.000 min
Exp R.T.: 5.402 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



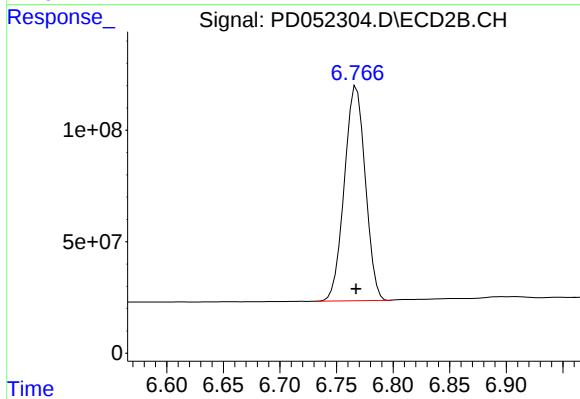
#13 Dieldrin

R.T.: 6.556 min
Delta R.T.: 0.009 min
Response: 2327989
Conc: 0.08 ng/ml



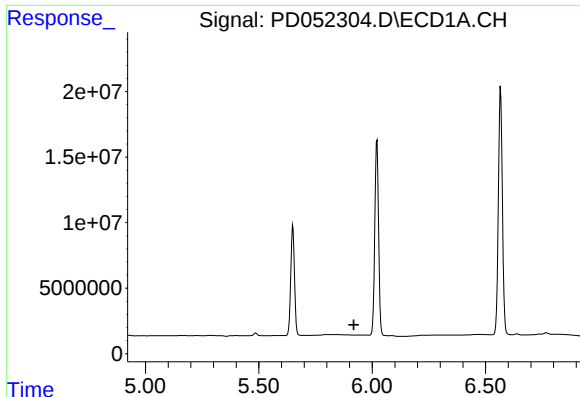
#14 Endrin

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 95184063
Conc: 51.69 ng/ml



#14 Endrin

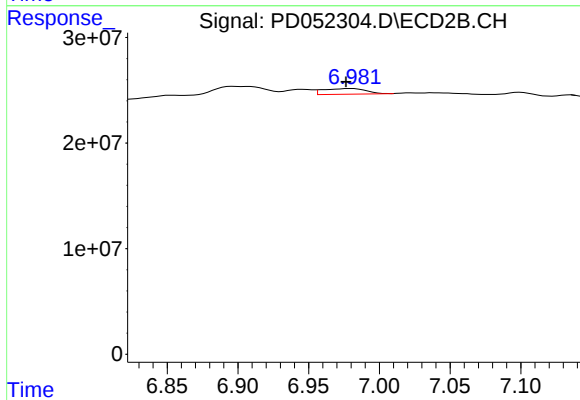
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 1240708177
Conc: 49.51 ng/ml



#15 Endosulfan II

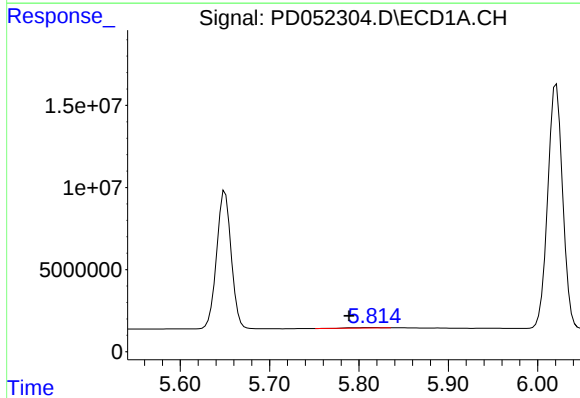
R.T.: 0.000 min
Exp R.T.: 5.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



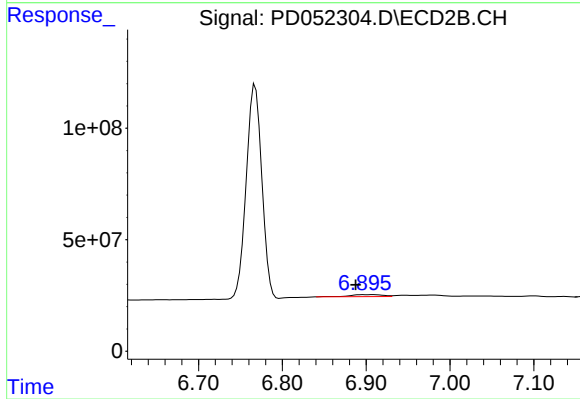
#15 Endosulfan II

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 11671111
Conc: 0.47 ng/ml



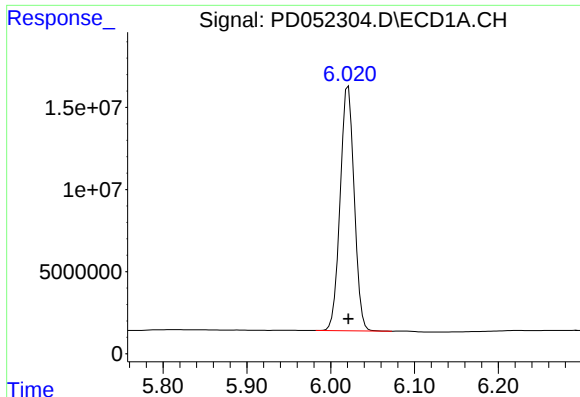
#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.027 min
Response: 646412
Conc: 0.42 ng/ml



#16 4,4'-DDD

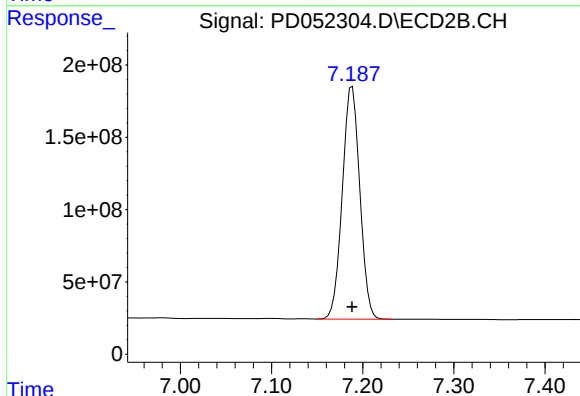
R.T.: 6.898 min
Delta R.T.: 0.010 min
Response: 24778014
Conc: 1.04 ng/ml



#17 4,4'-DDT

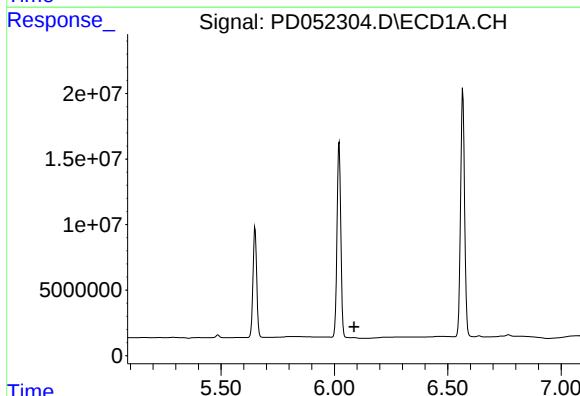
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 173181684
Conc: 120.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



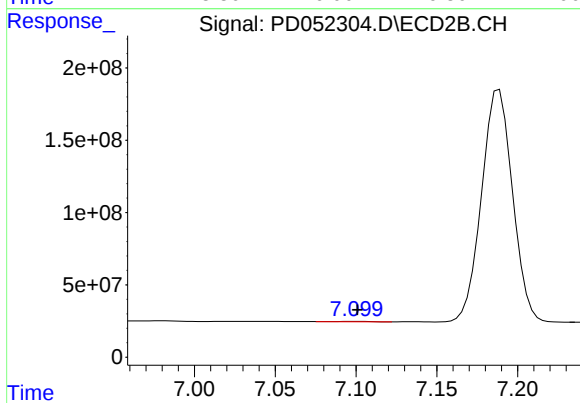
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 2144776444
Conc: 115.10 ng/ml



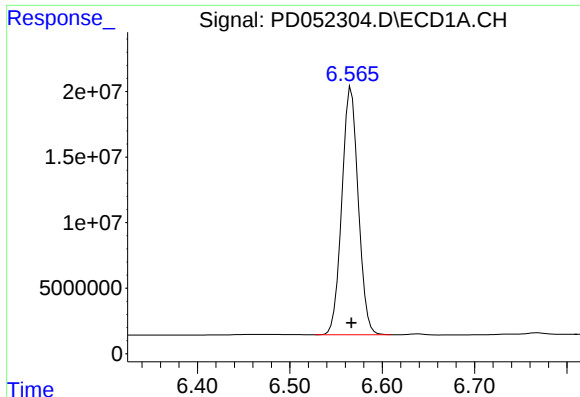
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.087 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

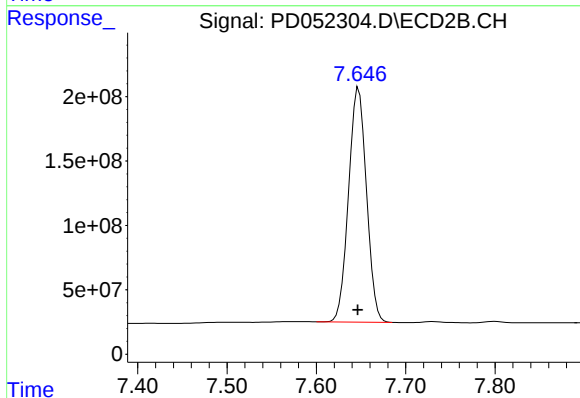
R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 4569464
Conc: 0.22 ng/ml



#20 Methoxychlor

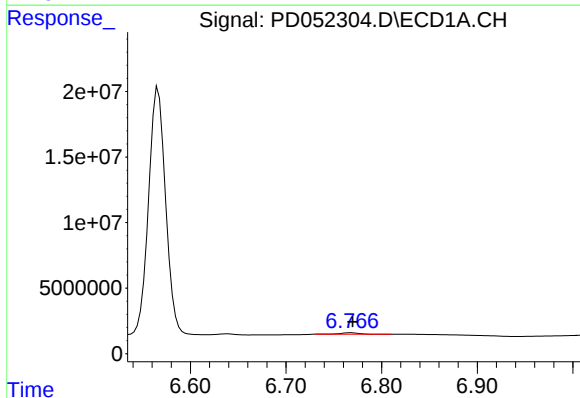
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 232848494
Conc: 275.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



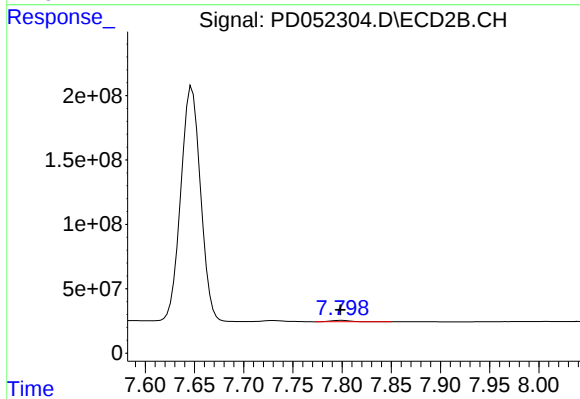
#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.001 min
Response: 2538229598
Conc: 253.74 ng/ml



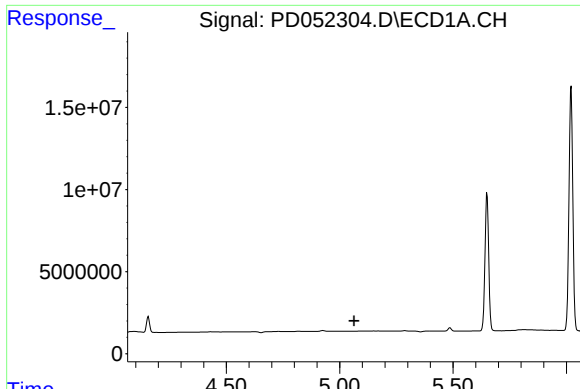
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 1515783
Conc: 0.83 ng/ml



#21 Endrin ketone

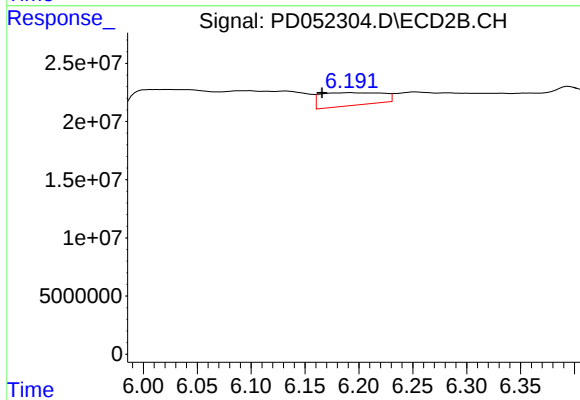
R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 14143343
Conc: 0.69 ng/ml



#25 Chlordane-3

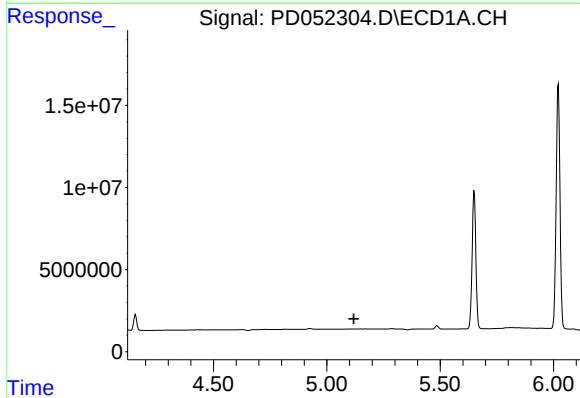
R.T.: 0.000 min
Exp R.T.: 5.064 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



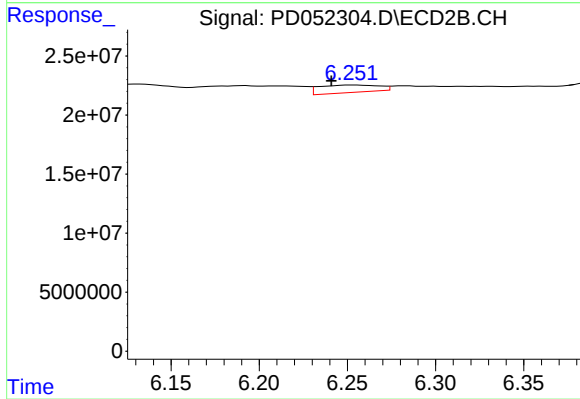
#25 Chlordane-3

R.T.: 6.192 min
Delta R.T.: 0.026 min
Response: 43778329
Conc: 9.92 ng/ml



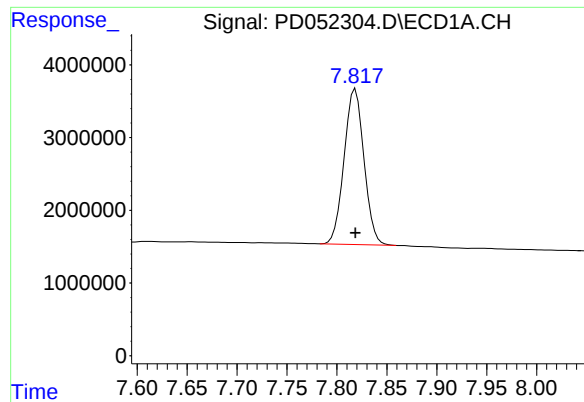
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.118 min
Response: 0
Conc: N.D.



#26 Chlordane-4

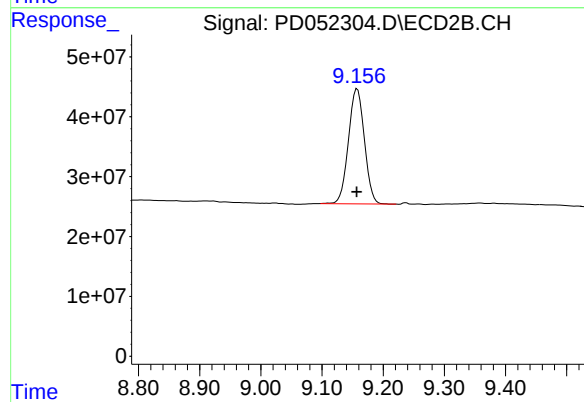
R.T.: 6.253 min
Delta R.T.: 0.012 min
Response: 14768955
Conc: 2.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 29642056
Conc: 22.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.158 min
Delta R.T.: 0.001 min
Response: 348040769
Conc: 22.38 ng/ml