

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081922AL\
 Data File : FD043681.D
 Signal(s) : FID2B.ch
 Acq On : 19 Aug 2022 13:43
 Operator : YP/AJ
 Sample : N4242-02DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 19 15:30:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.519	851891	5.382 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
12) S 1-chlorooctadecane (S...	12.964	35273356	287.805 ug/ml
Spiked Amount 50.000		Recovery =	575.61%
Target Compounds			
7) T n-Hexadecane (C16)	9.767	75714	0.534 ug/ml
8) T n-Octadecane (C18)	11.205	44356	0.310 ug/ml
10) T n-Eicosane (C20)	12.513	49158	0.340 ug/ml
11) T n-Heneicosane (C21)	13.146	1248266	8.594 ug/ml
13) T n-Docosane (C22)	13.715	72370	0.499 ug/ml
14) T n-Tetracosane (C24)	14.801	165115	1.140 ug/ml
16) T n-Octacosane (C28)	16.775	49169	0.348 ug/ml
17) T n-Tricontane (C30)	17.660	178037	1.261 ug/ml
18) T n-Dotriacontane (C32)	18.491	101518	0.734 ug/ml
20) T n-Hexatriacontane (C36)	20.012	35748	0.290 ug/ml
21) T n-Octatriacontane (C38)	20.731	417276	3.529 ug/ml

(f)=RT Delta > 1/2 Window

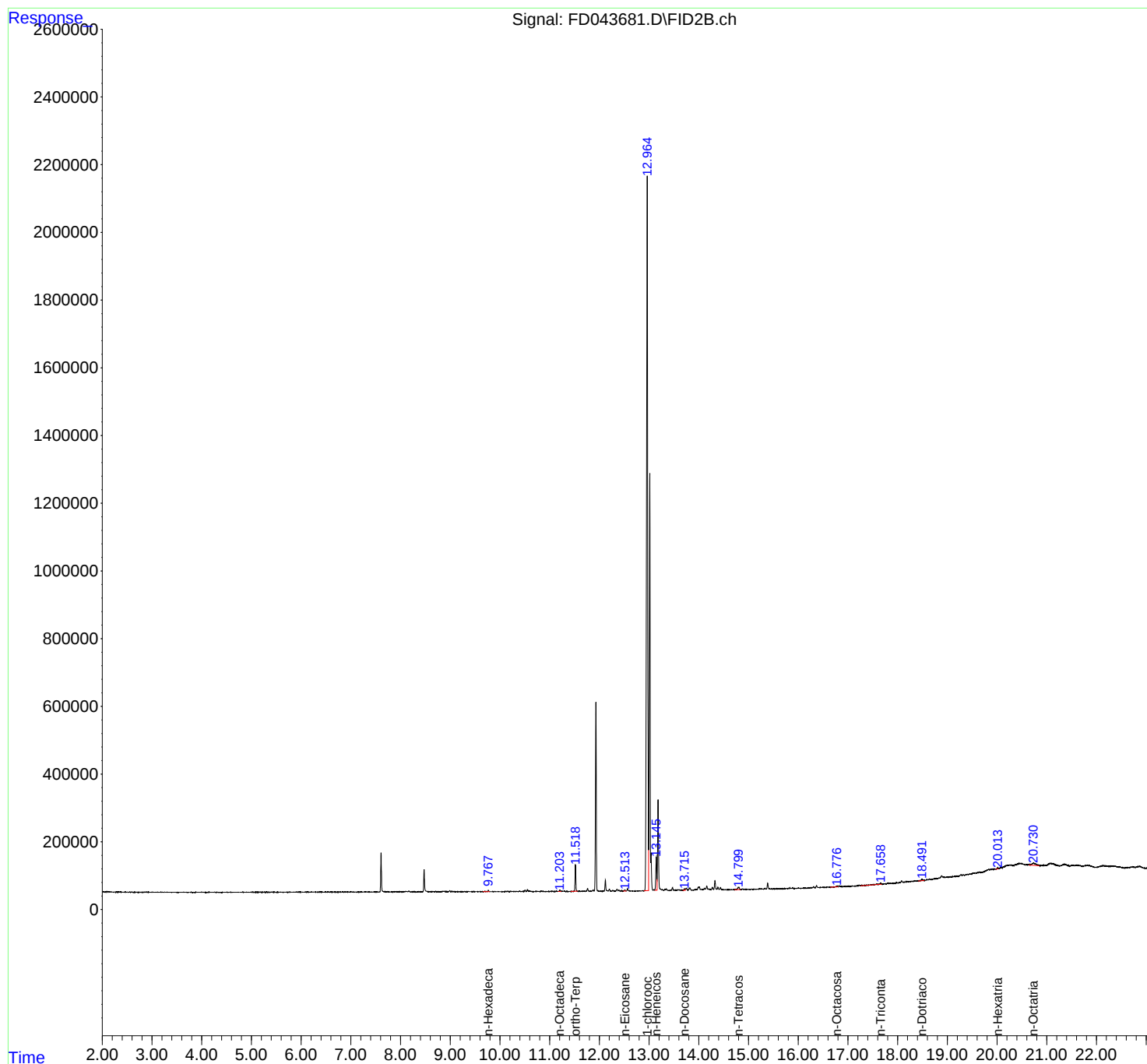
(m)=manual int.

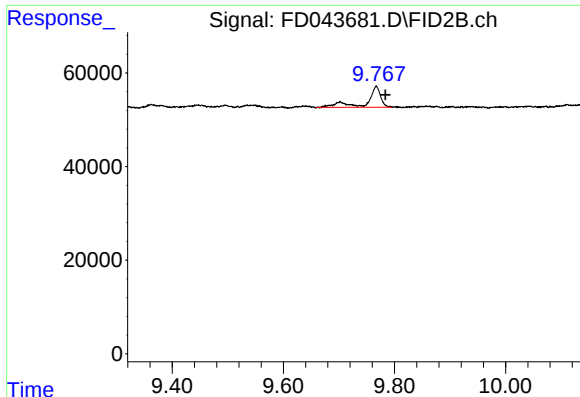
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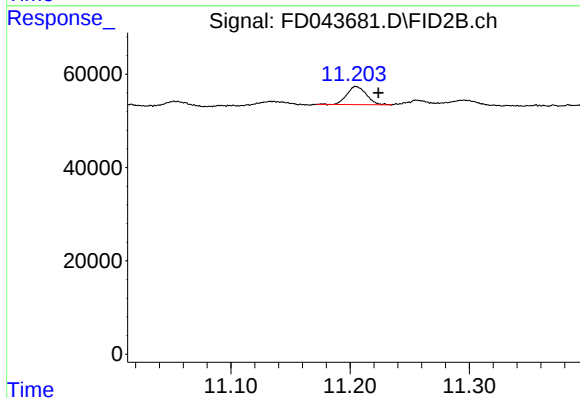




#7 n-Hexadecane (C16)

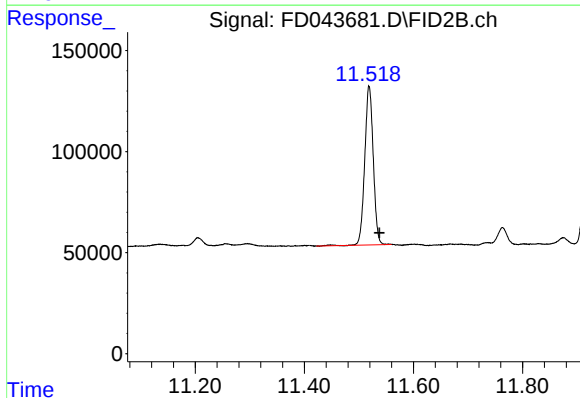
R.T.: 9.767 min
Delta R.T.: -0.016 min
Response: 75714
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



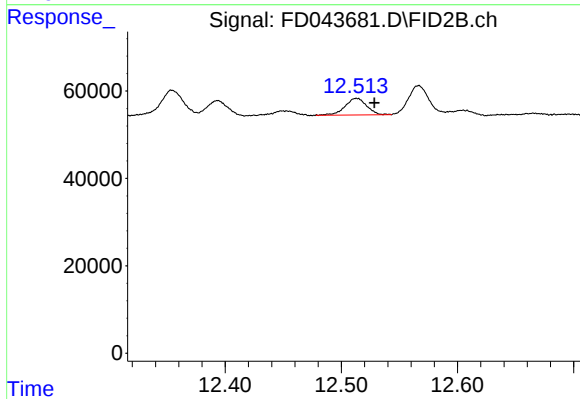
#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: -0.019 min
Response: 44356
Conc: 0.31 ug/ml



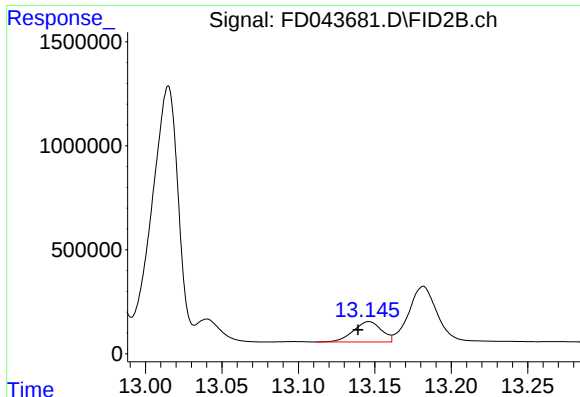
#9 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: -0.019 min
Response: 851891
Conc: 5.38 ug/ml



#10 n-Eicosane (C20)

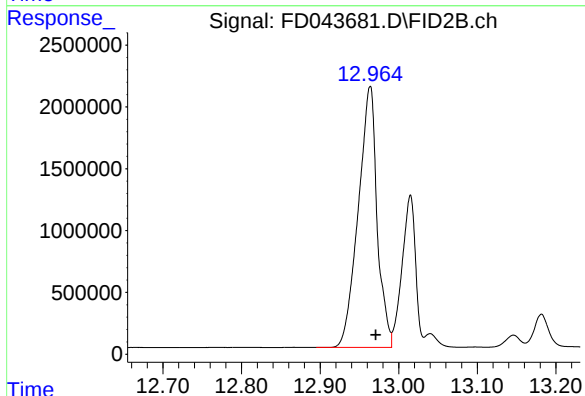
R.T.: 12.513 min
Delta R.T.: -0.015 min
Response: 49158
Conc: 0.34 ug/ml



#11 n-Heneicosane (C21)

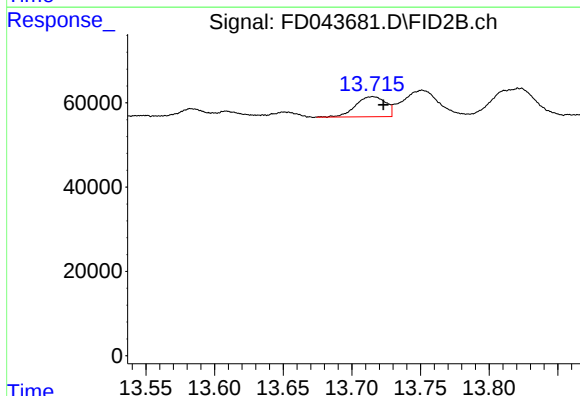
R.T.: 13.146 min
Delta R.T.: 0.007 min
Response: 1248266
Conc: 8.59 ug/ml

Instrument :
FID_D
ClientSampleId :



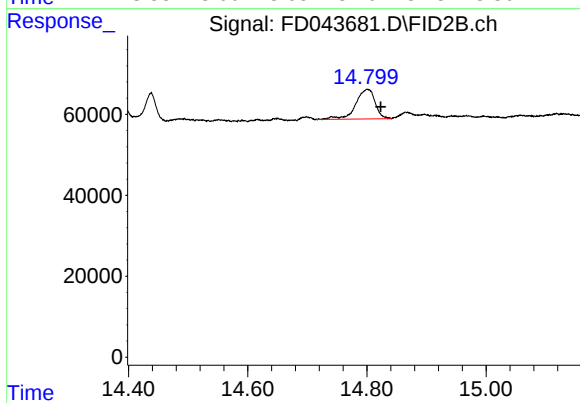
#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: -0.007 min
Response: 35273356
Conc: 287.80 ug/ml



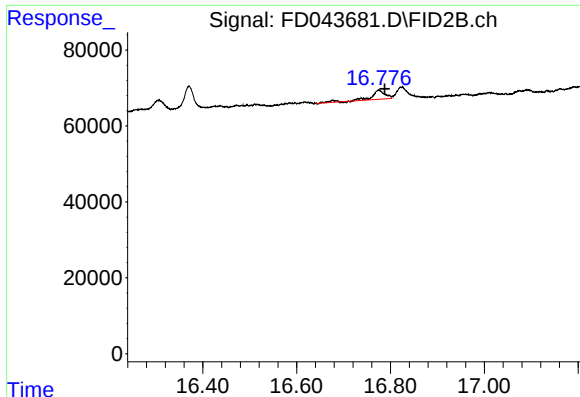
#13 n-Docosane (C22)

R.T.: 13.715 min
Delta R.T.: -0.008 min
Response: 72370
Conc: 0.50 ug/ml



#14 n-Tetracosane (C24)

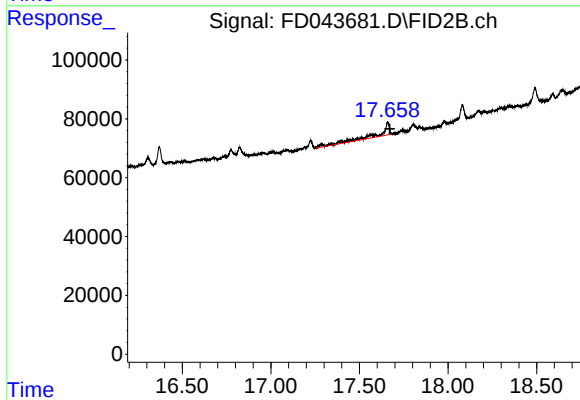
R.T.: 14.801 min
Delta R.T.: -0.022 min
Response: 165115
Conc: 1.14 ug/ml



#16 n-Octacosane (C28)

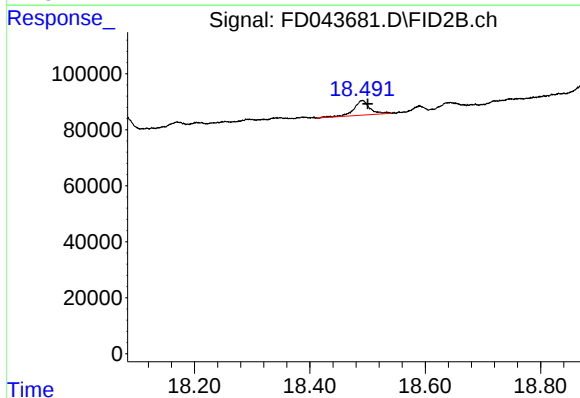
R.T.: 16.775 min
Delta R.T.: -0.013 min
Response: 49169
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



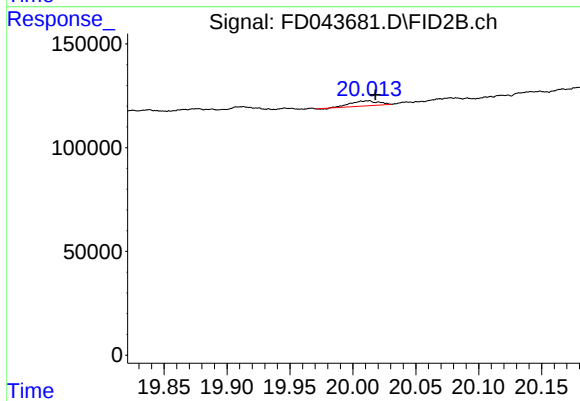
#17 n-Tricontane (C30)

R.T.: 17.660 min
Delta R.T.: -0.012 min
Response: 178037
Conc: 1.26 ug/ml



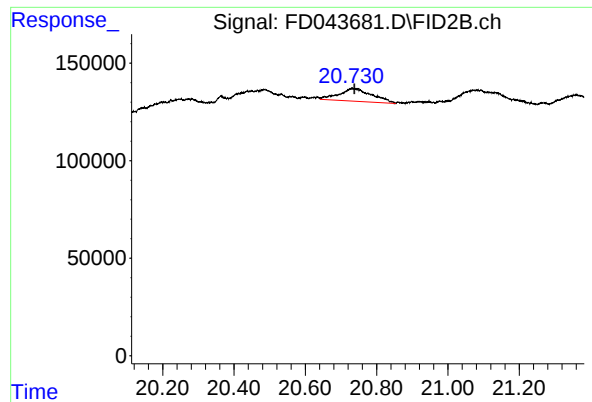
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.009 min
Response: 101518
Conc: 0.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: -0.006 min
Response: 35748
Conc: 0.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.007 min
Response: 417276
Conc: 3.53 ug/ml

Instrument :

FID_D

ClientSampleId :