

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061323AL\
 Data File : FF012880.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2023 08:47
 Operator : YP\AJ
 Sample : 02213-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Integration File: autoint1.e
 Quant Time: Jun 14 00:33:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 12 16:29:21 2023
 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			
12) S 1-chlorooctadecane (S...	12.317	5065606	42.861 ug/ml
Spiked Amount 50.000		Recovery =	85.72%
Target Compounds			
1) T n-Nonane (C9)	2.750	148835	1.137 ug/ml
2) T n-Decane (C10)	3.758	181274	1.357 ug/ml
4) T n-Dodecane (C12)	5.742	219401	1.621 ug/ml
6) T n-Tetradecane (C14)	7.530	226184	1.691 ug/ml
7) T n-Hexadecane (C16)	9.127	224664	1.623 ug/ml
8) T n-Octadecane (C18)	10.564	291683	2.049 ug/ml
10) T n-Eicosane (C20)	11.869	295161	2.146 ug/ml
11) T n-Heneicosane (C21)	12.480	257904	1.907 ug/ml
13) T n-Docosane (C22)	13.065	307813	2.299 ug/ml
14) T n-Tetracosane (C24)	14.166	322675	2.454 ug/ml
15) T n-Hexacosane (C26)	15.185	337422	2.654 ug/ml
16) T n-Octacosane (C28)	16.133	339717	2.763 ug/ml
17) T n-Tricontane (C30)	17.018	352997	2.859 ug/ml
18) T n-Dotriacontane (C32)	17.848	370588	3.063 ug/ml
19) T n-Tetratriacontane (C34)	18.631	310640	2.655 ug/ml
20) T n-Hexatriacontane (C36)	19.370	282214	2.505 ug/ml
21) T n-Octatriacontane (C38)	20.095	229591	2.061 ug/ml
22) T n-Tetracontane (C40)	20.981	214438	1.943 ug/ml

(f)=RT Delta > 1/2 Window

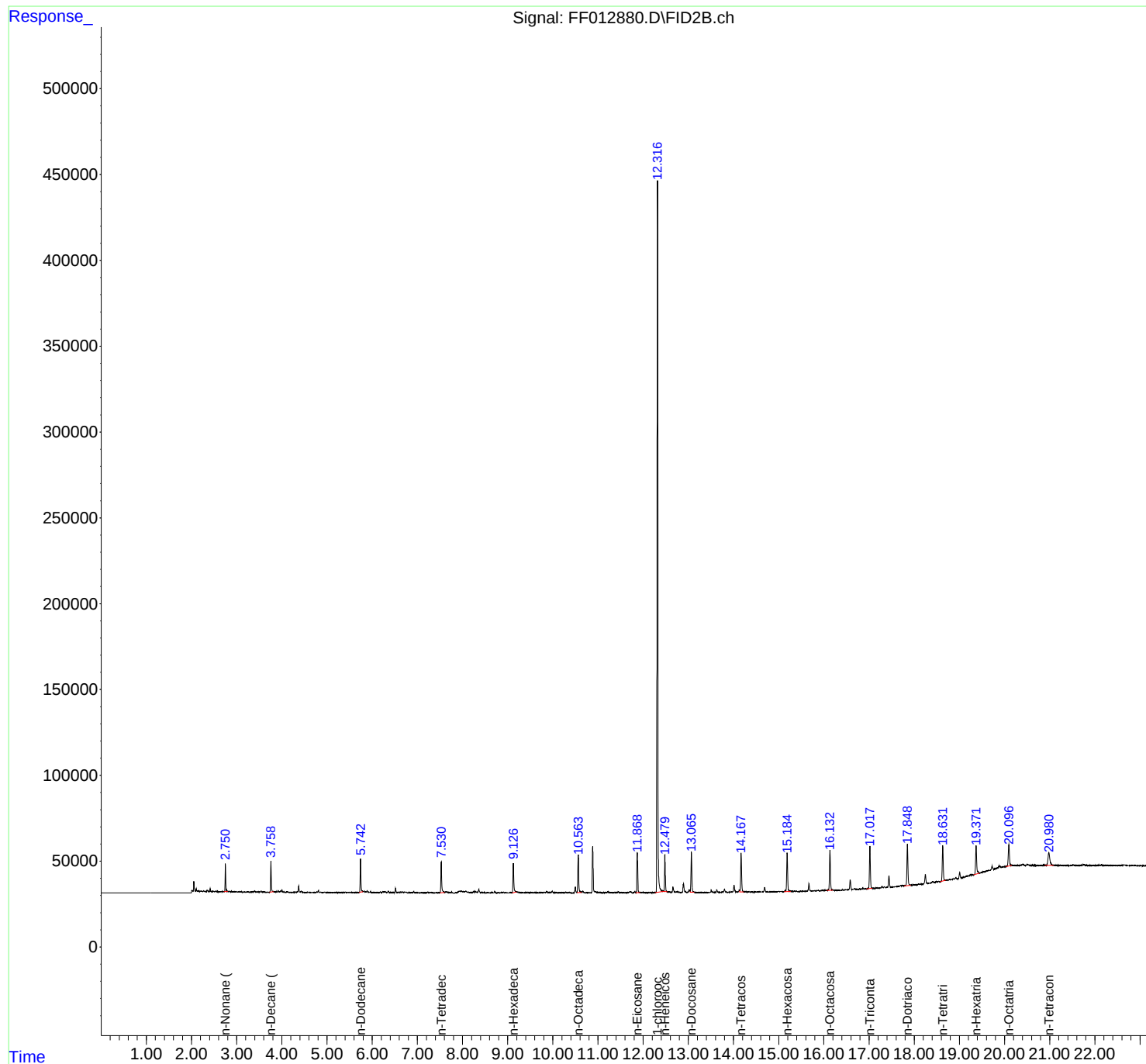
(m)=manual int.

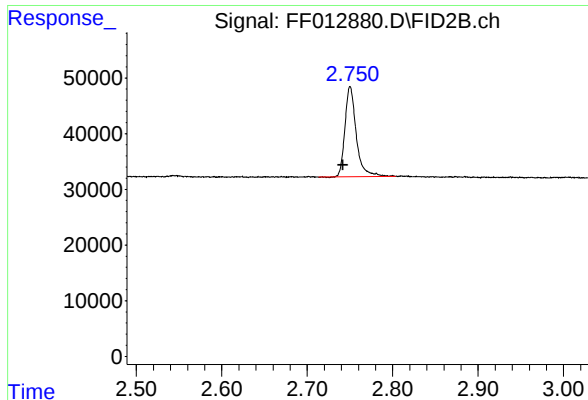
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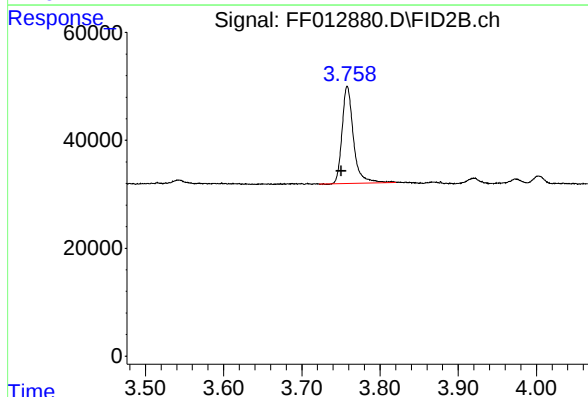




#1 n-Nonane (C9)

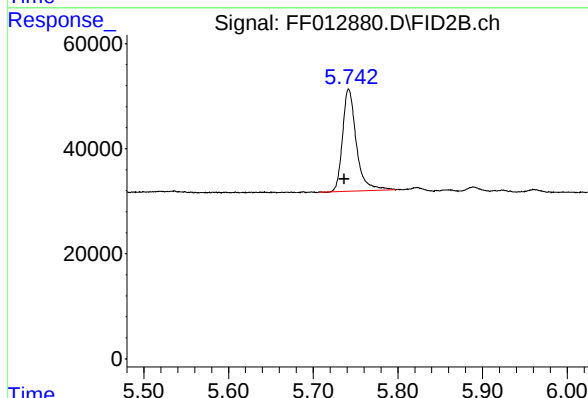
R.T.: 2.750 min
Delta R.T.: 0.008 min
Response: 148835
Conc: 1.14 ug/ml

Instrument :
FID_F
ClientSampleId :
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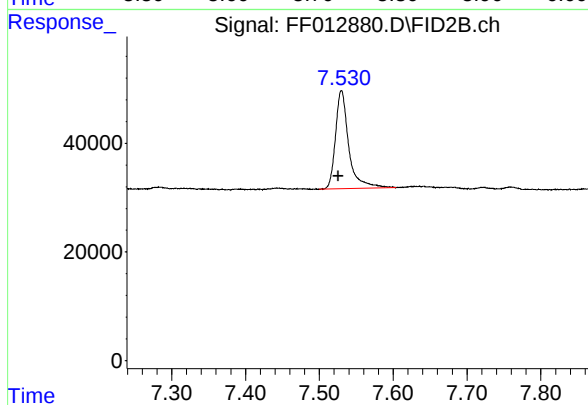
#2 n-Decane (C10)

R.T.: 3.758 min
Delta R.T.: 0.008 min
Response: 181274
Conc: 1.36 ug/ml



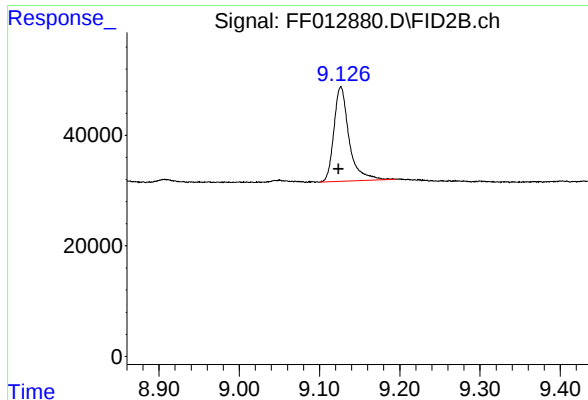
#4 n-Dodecane (C12)

R.T.: 5.742 min
Delta R.T.: 0.005 min
Response: 219401
Conc: 1.62 ug/ml



#6 n-Tetradecane (C14)

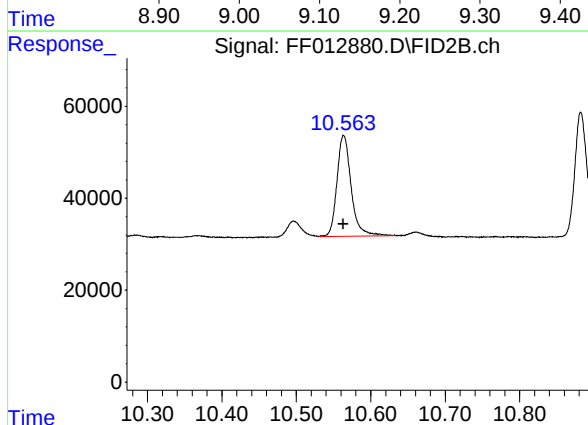
R.T.: 7.530 min
Delta R.T.: 0.004 min
Response: 226184
Conc: 1.69 ug/ml



#7 n-Hexadecane (C16)

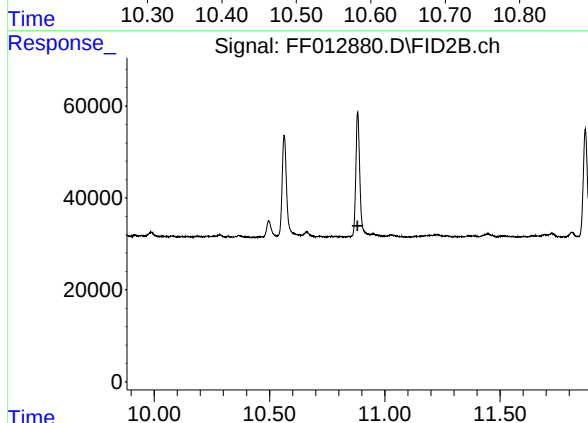
R.T.: 9.127 min
Delta R.T.: 0.003 min
Response: 224664
Conc: 1.62 ug/ml

Instrument :
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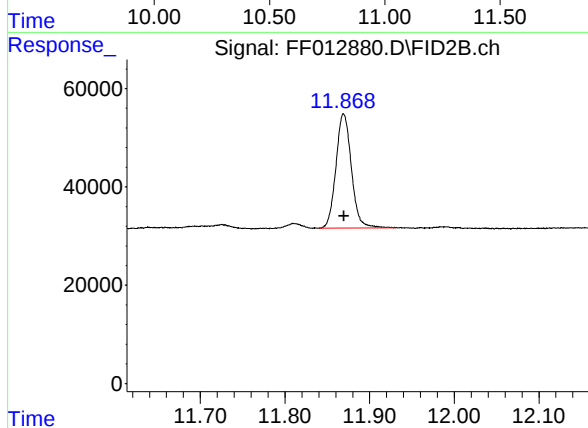
#8 n-Octadecane (C18)

R.T.: 10.564 min
Delta R.T.: 0.000 min
Response: 291683
Conc: 2.05 ug/ml



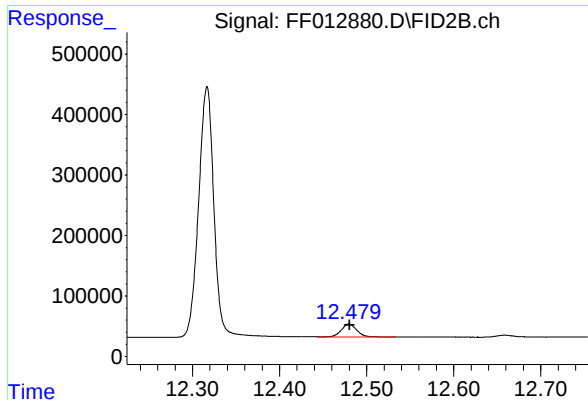
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.882 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

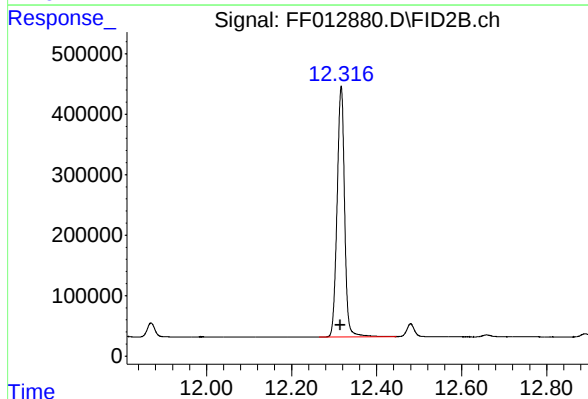
R.T.: 11.869 min
Delta R.T.: 0.000 min
Response: 295161
Conc: 2.15 ug/ml



#11 n-Heneicosane (C21)

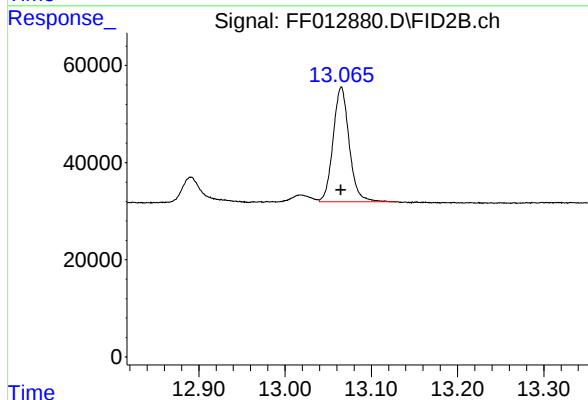
R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 257904
Conc: 1.91 ug/ml

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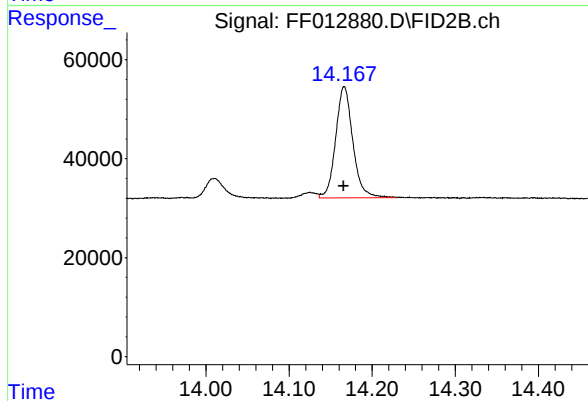
#12 1-chlorooctadecane (SURR)

R.T.: 12.317 min
Delta R.T.: 0.002 min
Response: 5065606
Conc: 42.86 ug/ml



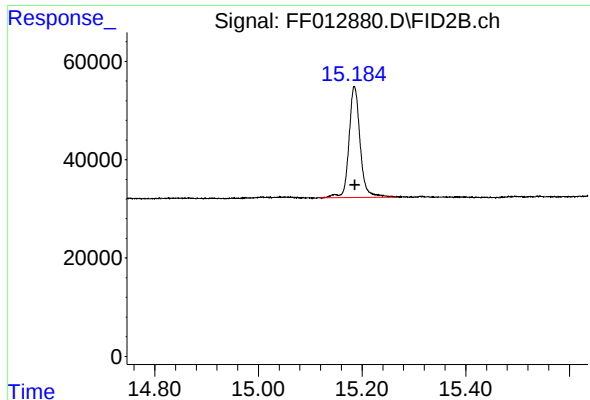
#13 n-Docosane (C22)

R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 307813
Conc: 2.30 ug/ml



#14 n-Tetracosane (C24)

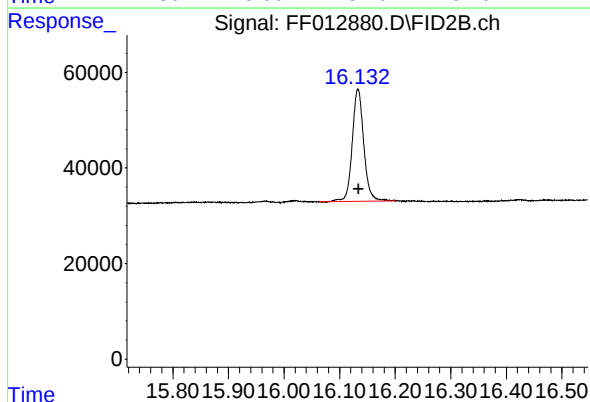
R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 322675
Conc: 2.45 ug/ml



#15 n-Hexacosane (C26)

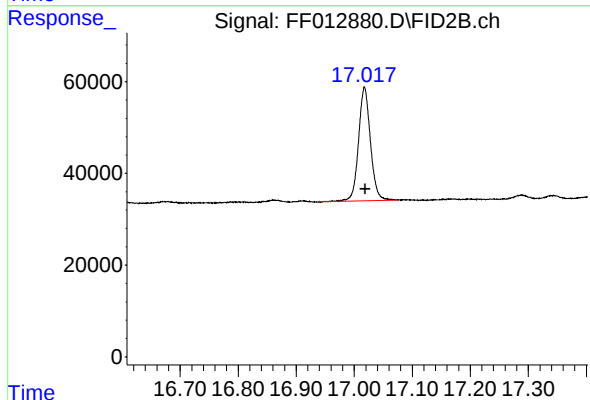
R.T.: 15.185 min
Delta R.T.: -0.001 min
Response: 337422
Conc: 2.65 ug/ml

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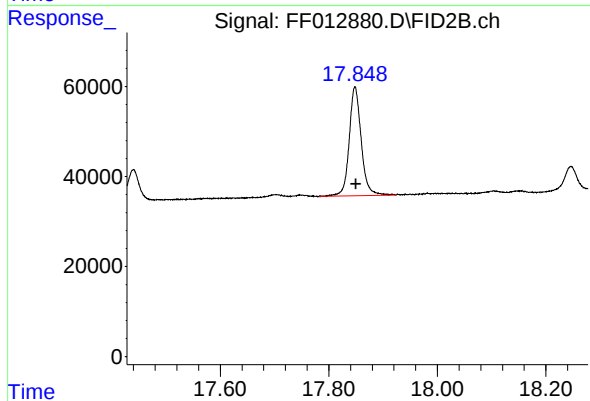
#16 n-Octacosane (C28)

R.T.: 16.133 min
Delta R.T.: -0.001 min
Response: 339717
Conc: 2.76 ug/ml



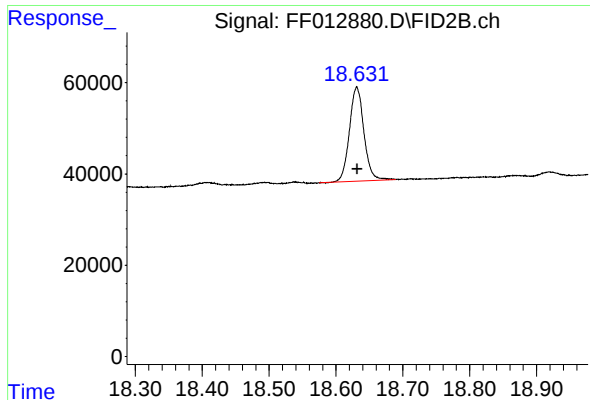
#17 n-Tricontane (C30)

R.T.: 17.018 min
Delta R.T.: -0.002 min
Response: 352997
Conc: 2.86 ug/ml



#18 n-Dotriacontane (C32)

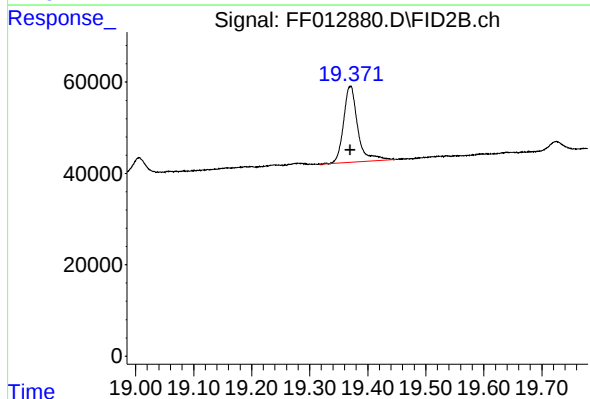
R.T.: 17.848 min
Delta R.T.: -0.002 min
Response: 370588
Conc: 3.06 ug/ml



#19 n-Tetratriacontane (C34)

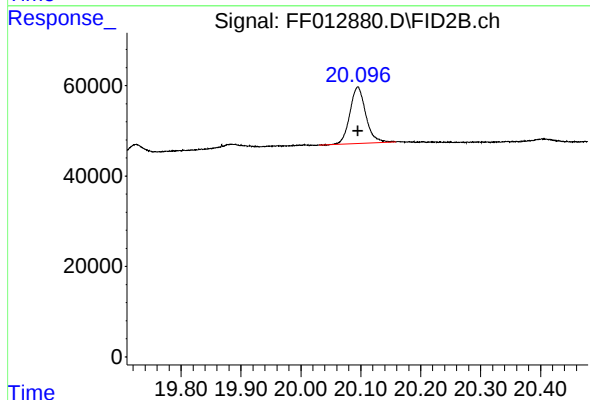
R.T.: 18.631 min
Delta R.T.: 0.000 min
Response: 310640
Conc: 2.66 ug/ml

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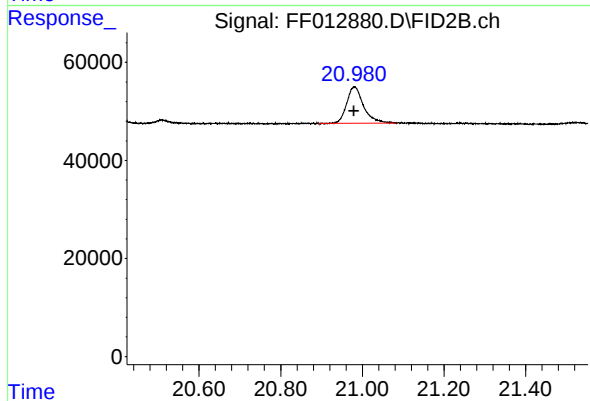
#20 n-Hexatriacontane (C36)

R.T.: 19.370 min
Delta R.T.: 0.000 min
Response: 282214
Conc: 2.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.095 min
Delta R.T.: 0.000 min
Response: 229591
Conc: 2.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.981 min
Delta R.T.: 0.000 min
Response: 214438
Conc: 1.94 ug/ml