

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
 Data File : FF014216.D
 Signal(s) : FID2B.ch
 Acq On : 12 May 2024 01:24
 Operator : YP\AJ
 Sample : P2403-03
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Integration File: autoint1.e
 Quant Time: May 14 01:24:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 2024
 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...	13.282	3576448	35.263 ug/ml
Spiked Amount 50.000		Recovery =	70.53%
Target Compounds			
1) T n-Nonane (C9)	3.239	210095	1.613 ug/ml
2) T n-Decane (C10)	4.487	267467	2.018 ug/mlm
4) T n-Dodecane (C12)	6.651	411358	3.096 ug/ml
6) T n-Tetradecane (C14)	8.477	324882	2.515 ug/ml
7) T n-Hexadecane (C16)	10.083	297997	2.276 ug/ml
8) T n-Octadecane (C18)	11.526	324213	2.439 ug/ml
10) T n-Eicosane (C20)	12.836	353176	2.766 ug/ml
11) T n-Heneicosane (C21)	13.449	338765	2.710 ug/ml
13) T n-Docosane (C22)	14.036	351210	2.853 ug/ml
14) T n-Tetracosane (C24)	15.139	371722	3.078 ug/mlm
15) T n-Hexacosane (C26)	16.161	361963	3.109 ug/ml
16) T n-Octacosane (C28)	17.112	375485	3.342 ug/ml
17) T n-Tricontane (C30)	18.000	391885	3.489 ug/ml
18) T n-Dotriacontane (C32)	18.834	369918	3.396 ug/ml
19) T n-Tetratriacontane (C34)	19.618	290332	2.787 ug/ml
20) T n-Hexatriacontane (C36)	20.359	251635	2.538 ug/ml
21) T n-Octatriacontane (C38)	21.083	251382	2.605 ug/ml
22) T n-Tetracontane (C40)	21.965	255016	2.718 ug/mlm

(f)=RT Delta > 1/2 Window

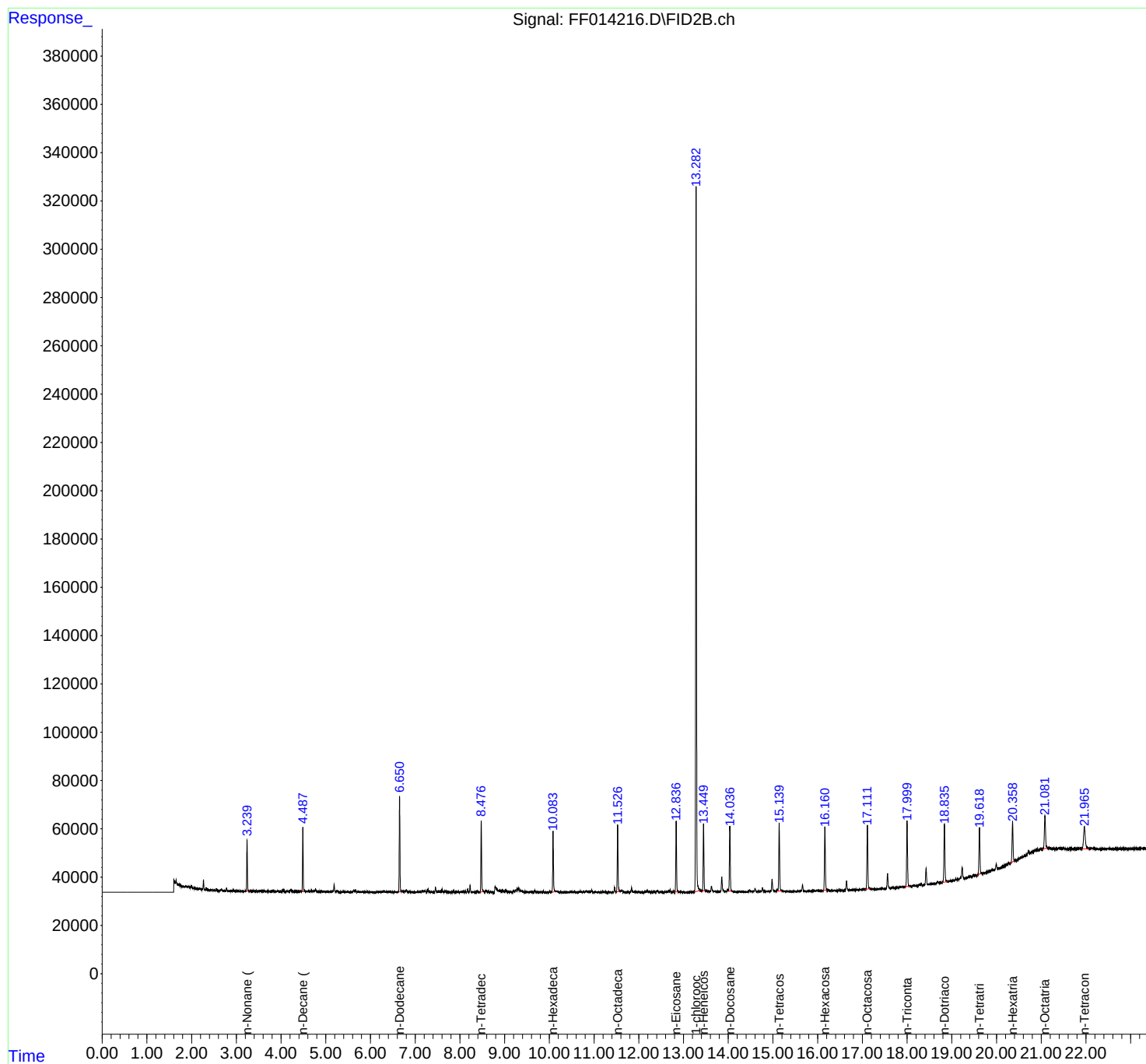
(m)=manual int.

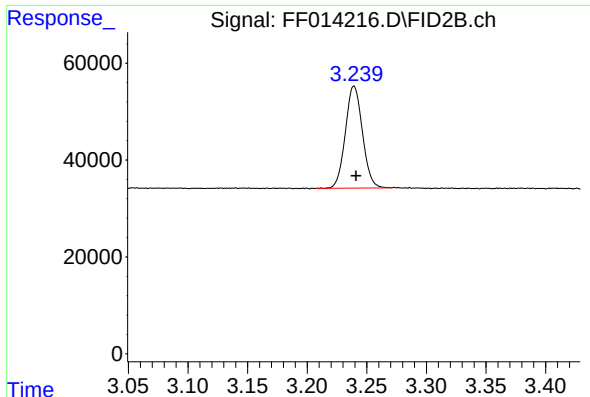
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
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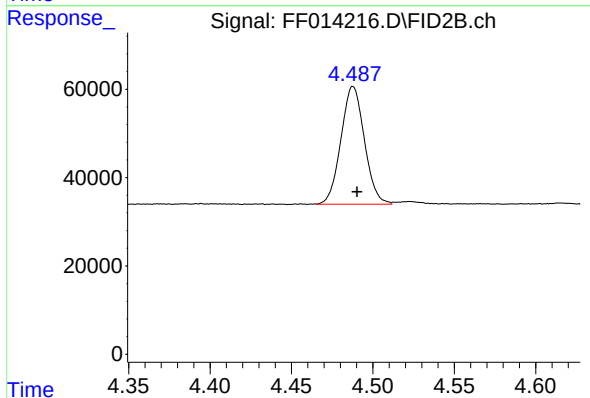




#1 n-Nonane (C9)

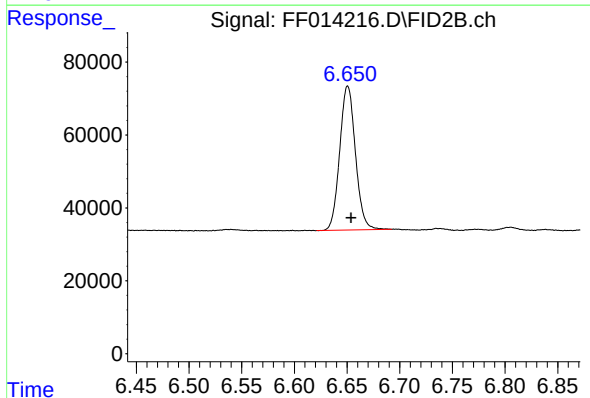
R.T.: 3.239 min
Delta R.T.: -0.002 min
Response: 210095
Conc: 1.61 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT2-2024



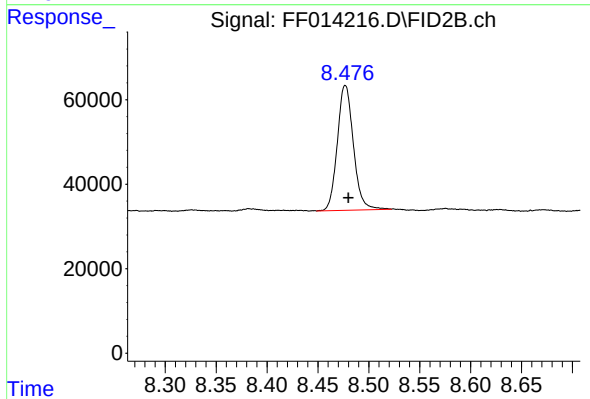
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 267467
Conc: 2.02 ug/ml m



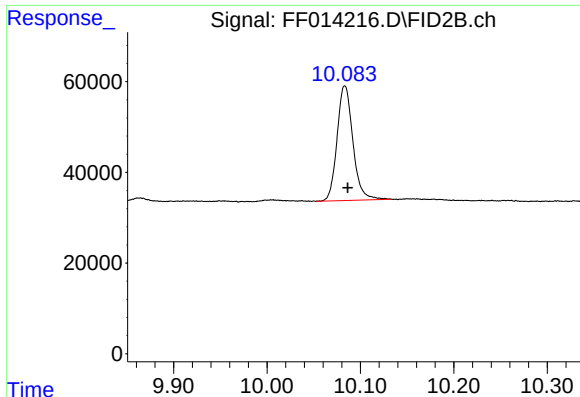
#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.003 min
Response: 411358
Conc: 3.10 ug/ml



#6 n-Tetradecane (C14)

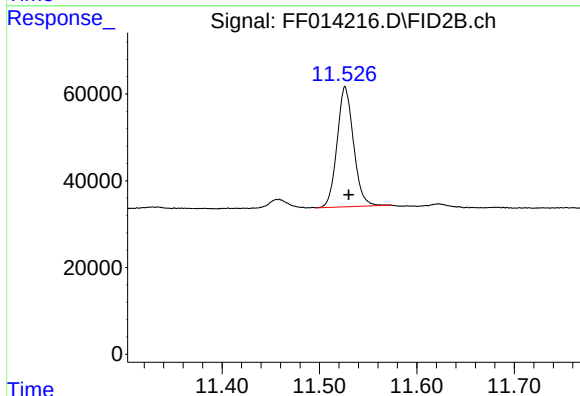
R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 324882
Conc: 2.51 ug/ml



#7 n-Hexadecane (C16)

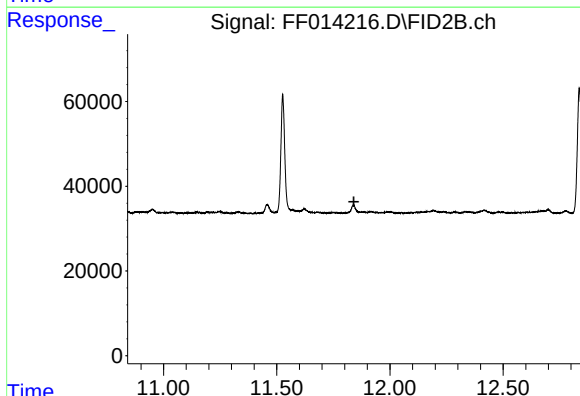
R.T.: 10.083 min
Delta R.T.: -0.003 min
Response: 297997
Conc: 2.28 ug/ml

Instrument :
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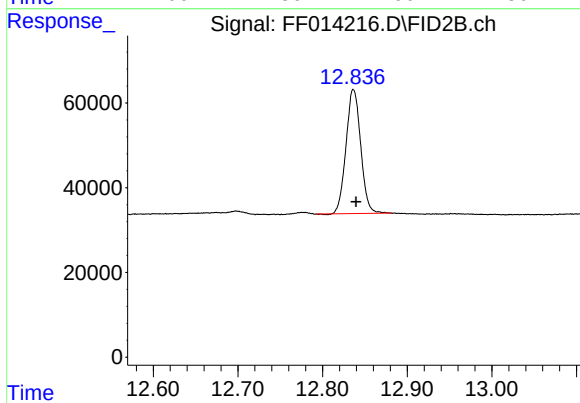
#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.003 min
Response: 324213
Conc: 2.44 ug/ml



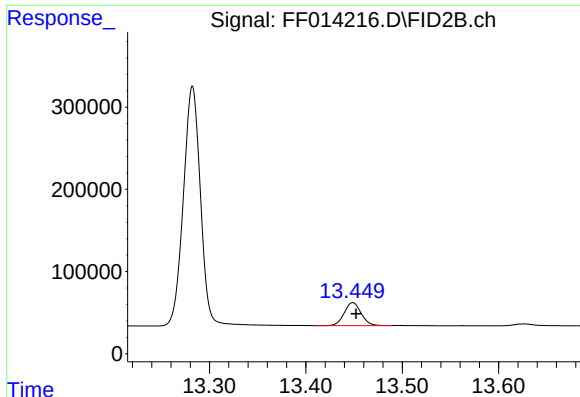
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.841 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

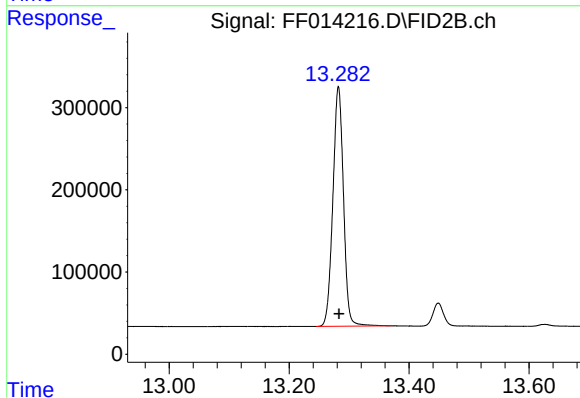
R.T.: 12.836 min
Delta R.T.: -0.003 min
Response: 353176
Conc: 2.77 ug/ml



#11 n-Heneicosane (C21)

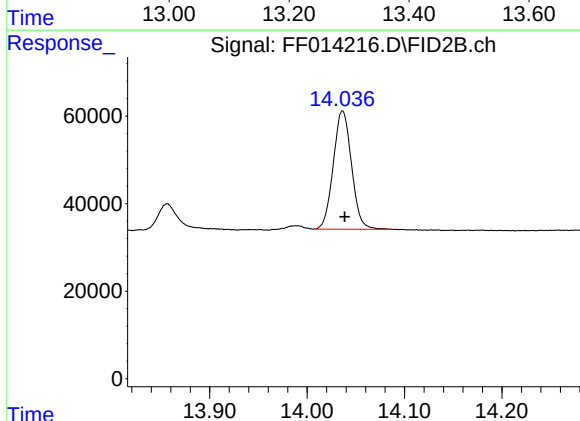
R.T.: 13.449 min
Delta R.T.: -0.003 min
Response: 338765
Conc: 2.71 ug/ml

Instrument :
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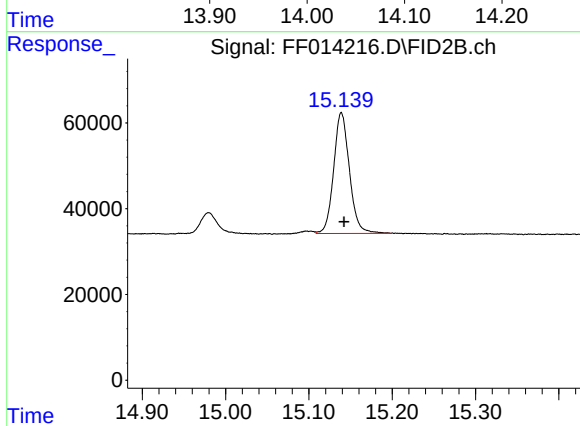
#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.001 min
Response: 3576448
Conc: 35.26 ug/ml



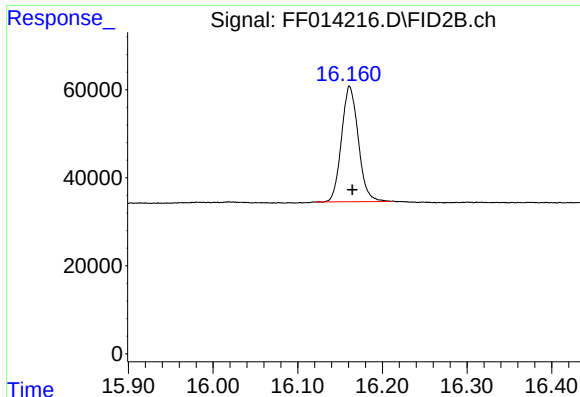
#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.002 min
Response: 351210
Conc: 2.85 ug/ml



#14 n-Tetracosane (C24)

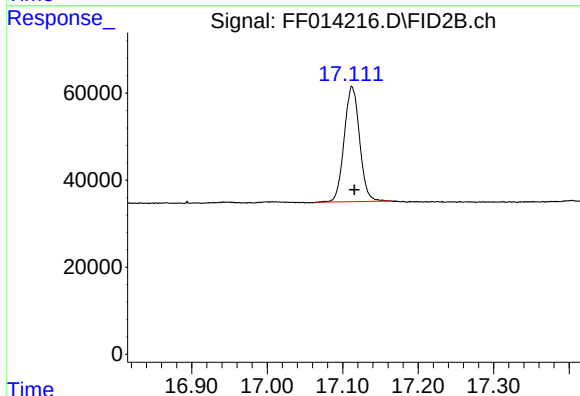
R.T.: 15.139 min
Delta R.T.: -0.003 min
Response: 371722
Conc: 3.08 ug/ml m



#15 n-Hexacosane (C26)

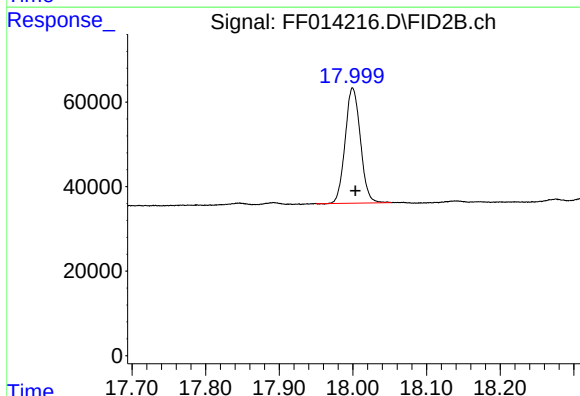
R.T.: 16.161 min
Delta R.T.: -0.003 min
Response: 361963
Conc: 3.11 ug/ml

Instrument :
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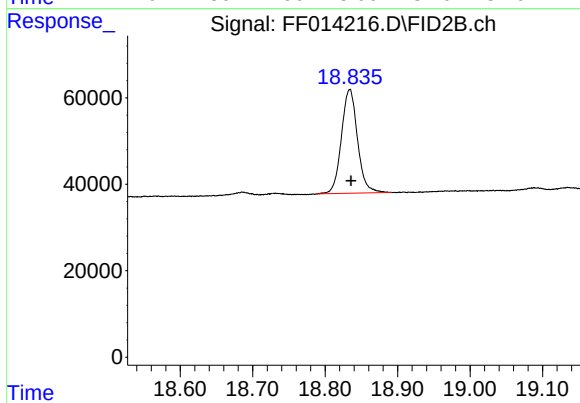
#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: -0.003 min
Response: 375485
Conc: 3.34 ug/ml



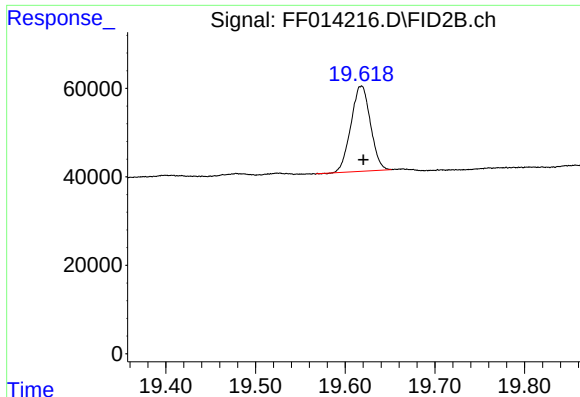
#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.004 min
Response: 391885
Conc: 3.49 ug/ml



#18 n-Dotriacontane (C32)

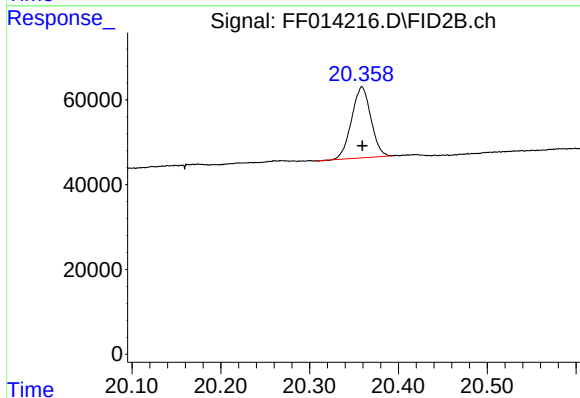
R.T.: 18.834 min
Delta R.T.: -0.002 min
Response: 369918
Conc: 3.40 ug/ml



#19 n-Tetratriacontane (C34)

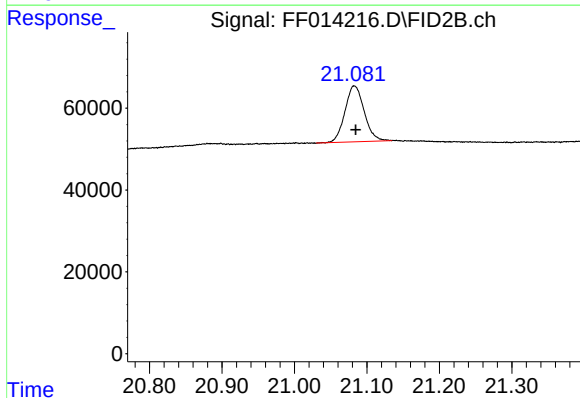
R.T.: 19.618 min
Delta R.T.: -0.002 min
Response: 290332
Conc: 2.79 ug/ml

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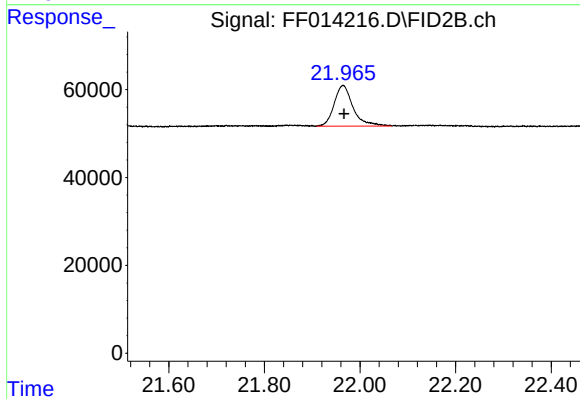
#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 251635
Conc: 2.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.002 min
Response: 251382
Conc: 2.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.001 min
Response: 255016
Conc: 2.72 ug/ml m