

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080823AL\
 Data File : FD046304.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2023 20:56
 Operator : YP/AJ
 Sample : 03572-03
 Misc : AL MDL 2.5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 09 01:42:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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...	12.831	6954583	57.798 ug/ml
Spiked Amount 50.000		Recovery =	115.60%
Target Compounds			
1) T n-Nonane (C9)	3.226	341988	2.169 ug/ml
2) T n-Decane (C10)	4.279	330830	2.060 ug/ml
4) T n-Dodecane (C12)	6.280	338035	2.091 ug/ml
6) T n-Tetradecane (C14)	8.064	342110	2.150 ug/ml
7) T n-Hexadecane (C16)	9.655	352644	2.167 ug/ml
8) T n-Octadecane (C18)	11.087	376439	2.334 ug/ml
10) T n-Eicosane (C20)	12.388	369263	2.474 ug/ml
11) T n-Heneicosane (C21)	12.995	380443	2.636 ug/ml
13) T n-Docosane (C22)	13.576	378534	2.709 ug/ml
14) T n-Tetracosane (C24)	14.671	390063	2.833 ug/ml
15) T n-Hexacosane (C26)	15.685	397488	3.109 ug/ml
16) T n-Octacosane (C28)	16.628	399168	3.278 ug/ml
17) T n-Tricontane (C30)	17.508	407173	3.290 ug/ml
18) T n-Dotriacontane (C32)	18.334	401936	3.292 ug/ml
19) T n-Tetratriacontane (C34)	19.110	361056	2.822 ug/ml
20) T n-Hexatriacontane (C36)	19.844	331859	2.898 ug/ml
21) T n-Octatriacontane (C38)	20.544	292786	2.601 ug/ml
22) T n-Tetracontane (C40)	21.360	278205	2.594 ug/ml

(f)=RT Delta > 1/2 Window

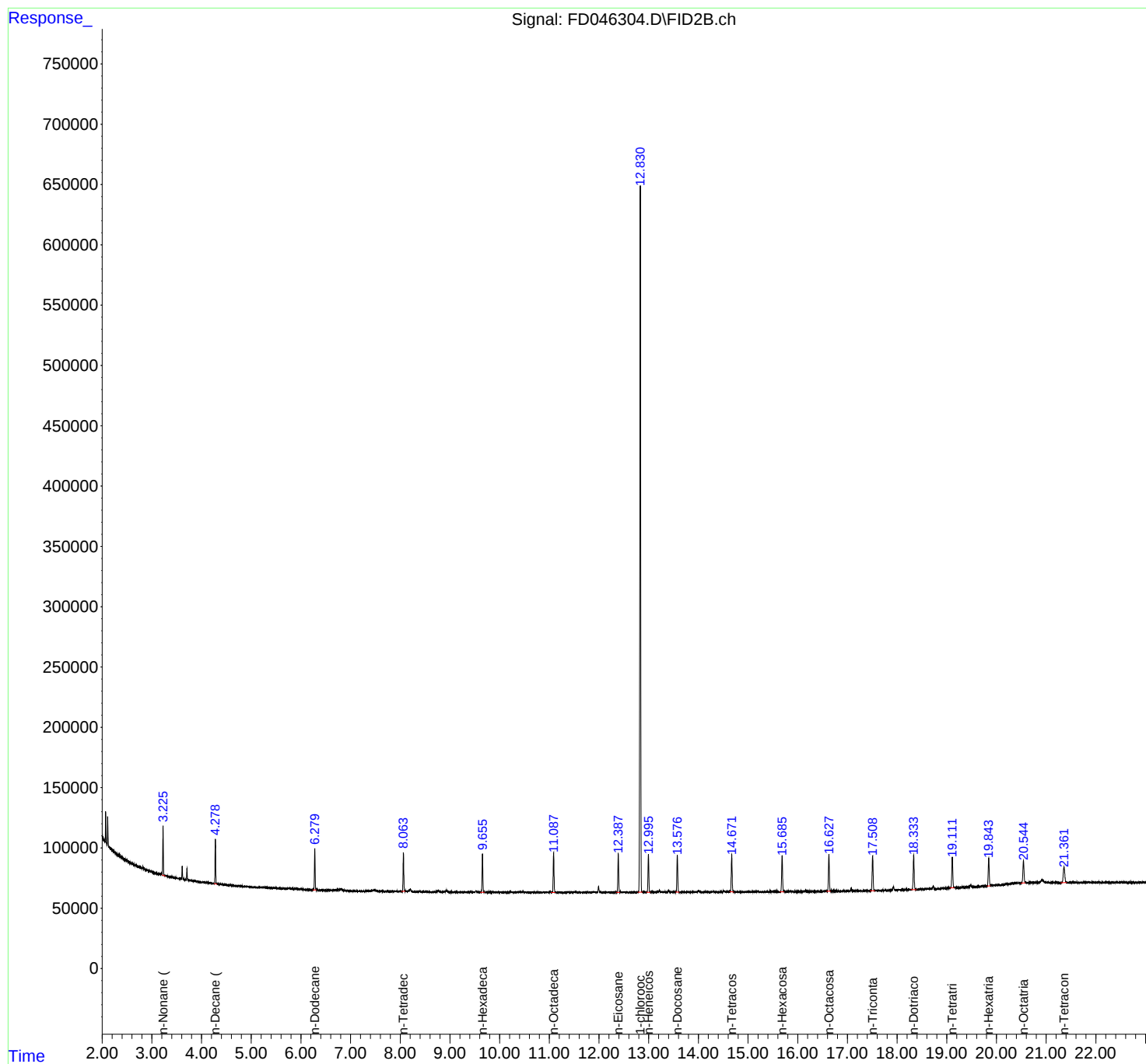
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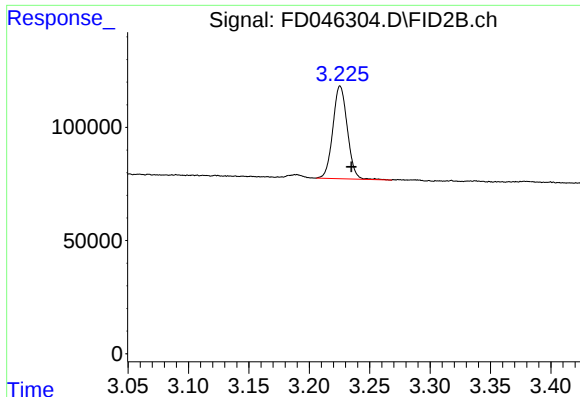
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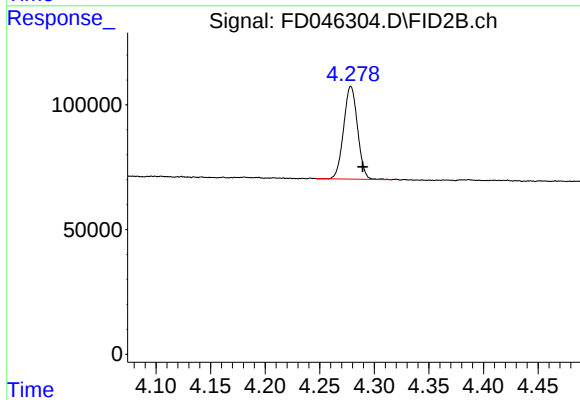




#1 n-Nonane (C9)

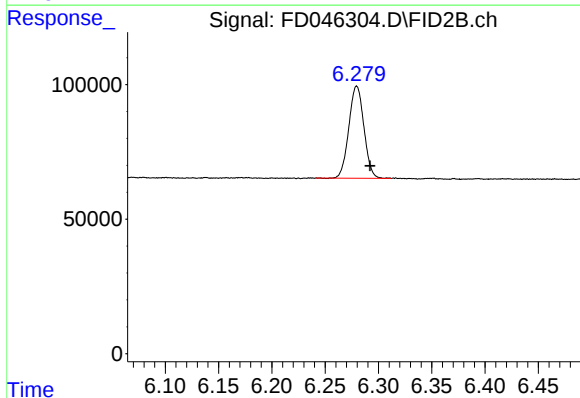
R.T.: 3.226 min
Delta R.T.: -0.009 min
Response: 341988
Conc: 2.17 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT3-2023



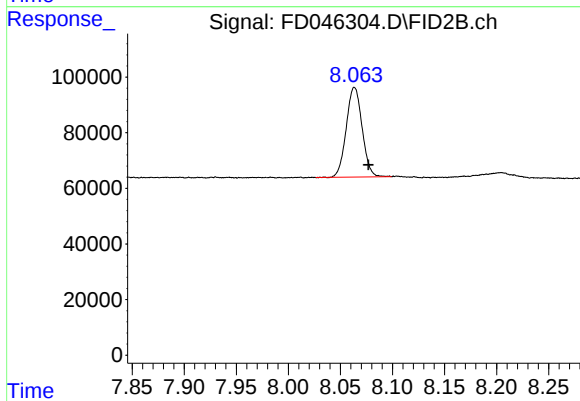
#2 n-Decane (C10)

R.T.: 4.279 min
Delta R.T.: -0.011 min
Response: 330830
Conc: 2.06 ug/ml



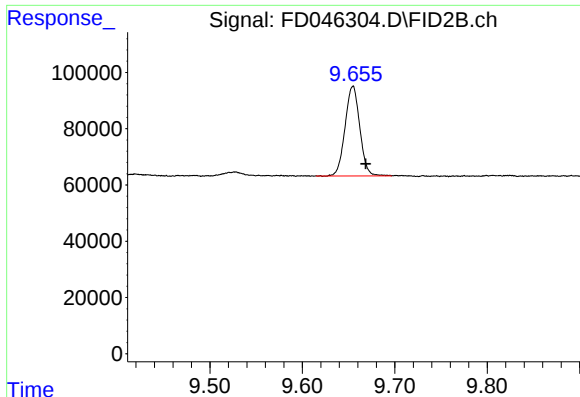
#4 n-Dodecane (C12)

R.T.: 6.280 min
Delta R.T.: -0.013 min
Response: 338035
Conc: 2.09 ug/ml



#6 n-Tetradecane (C14)

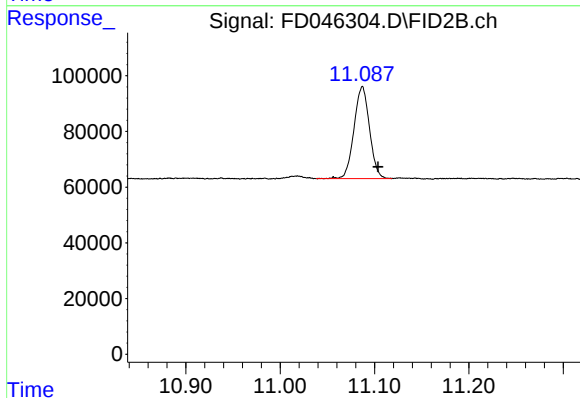
R.T.: 8.064 min
Delta R.T.: -0.013 min
Response: 342110
Conc: 2.15 ug/ml



#7 n-Hexadecane (C16)

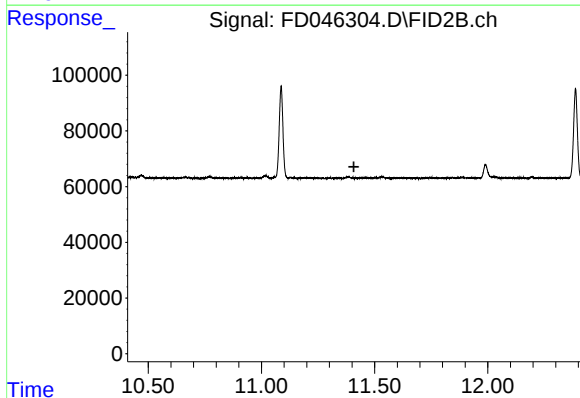
R.T.: 9.655 min
Delta R.T.: -0.014 min
Response: 352644
Conc: 2.17 ug/ml

Instrument :
FID_D
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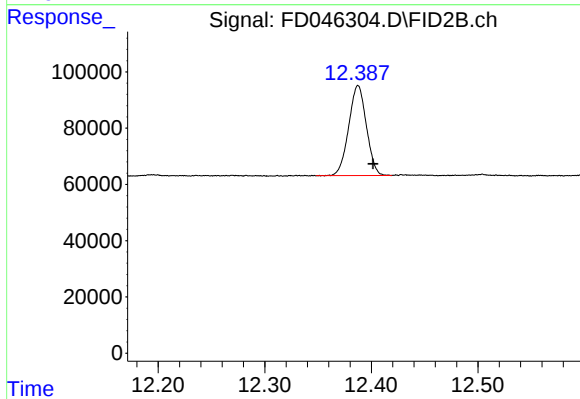
#8 n-Octadecane (C18)

R.T.: 11.087 min
Delta R.T.: -0.017 min
Response: 376439
Conc: 2.33 ug/ml



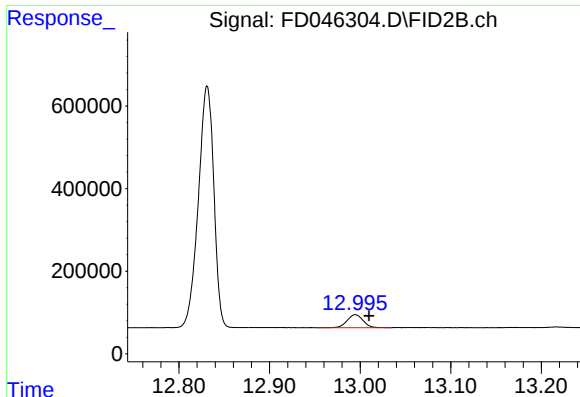
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.409 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

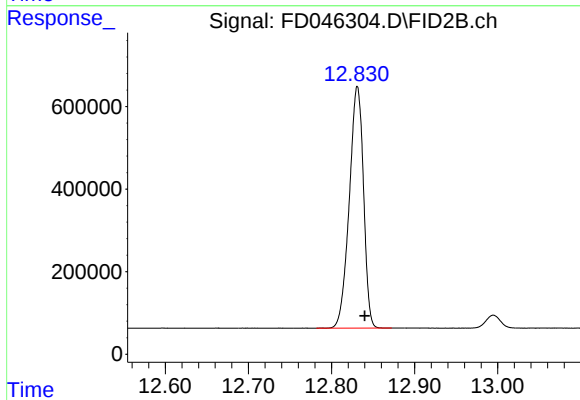
R.T.: 12.388 min
Delta R.T.: -0.014 min
Response: 369263
Conc: 2.47 ug/ml



#11 n-Heneicosane (C21)

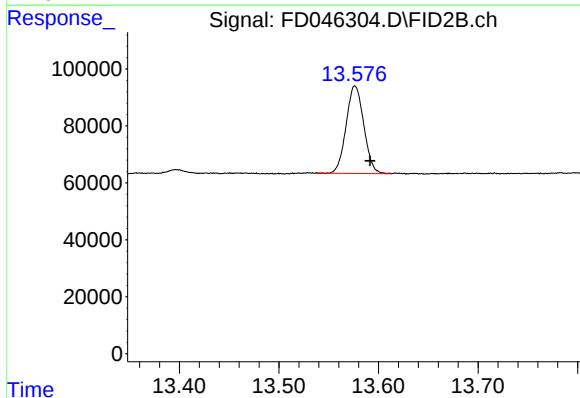
R.T.: 12.995 min
Delta R.T.: -0.015 min
Response: 380443
Conc: 2.64 ug/ml

Instrument :
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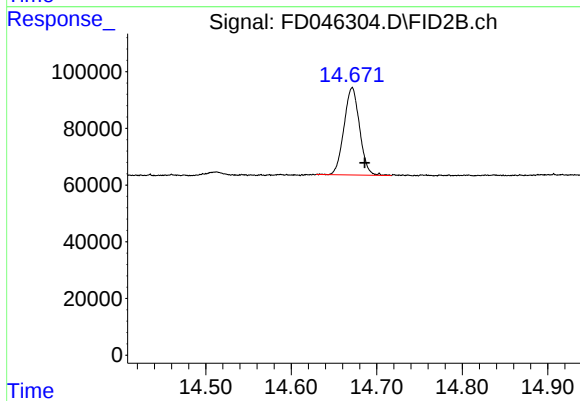
#12 1-chlorooctadecane (SURR)

R.T.: 12.831 min
Delta R.T.: -0.009 min
Response: 6954583
Conc: 57.80 ug/ml



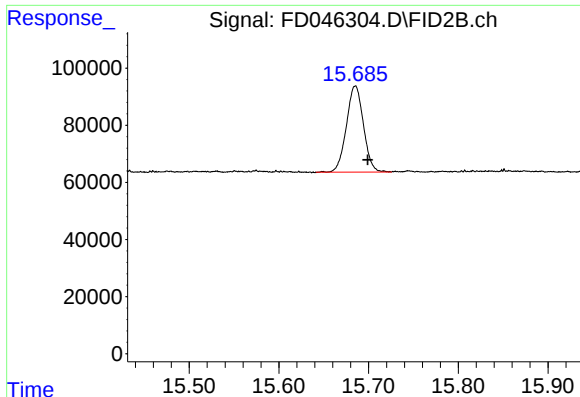
#13 n-Docosane (C22)

R.T.: 13.576 min
Delta R.T.: -0.015 min
Response: 378534
Conc: 2.71 ug/ml



#14 n-Tetracosane (C24)

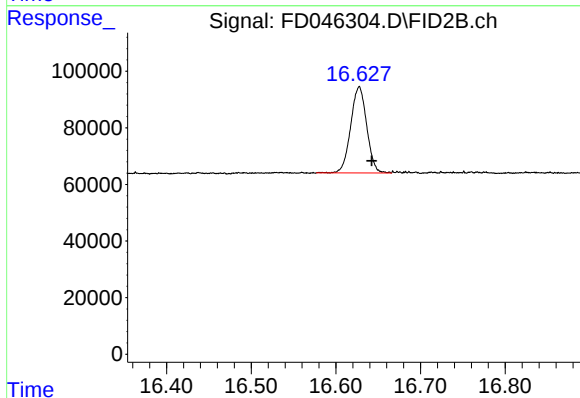
R.T.: 14.671 min
Delta R.T.: -0.015 min
Response: 390063
Conc: 2.83 ug/ml



#15 n-Hexacosane (C26)

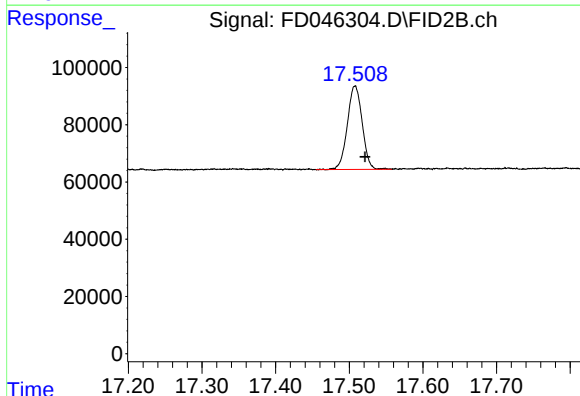
R.T.: 15.685 min
Delta R.T.: -0.014 min
Response: 397488
Conc: 3.11 ug/ml

Instrument :
FID_D
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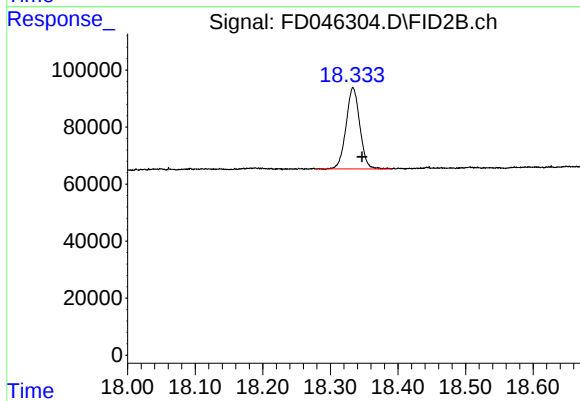
#16 n-Octacosane (C28)

R.T.: 16.628 min
Delta R.T.: -0.015 min
Response: 399168
Conc: 3.28 ug/ml



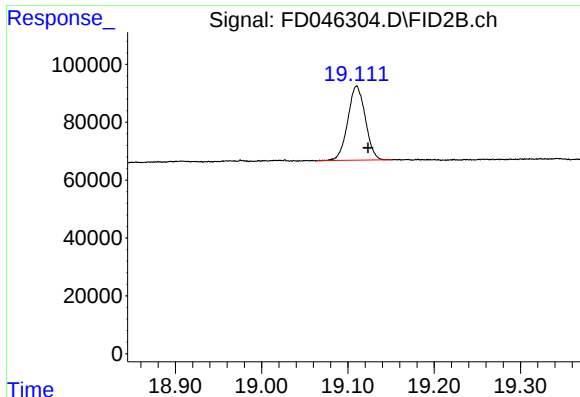
#17 n-Tricontane (C30)

R.T.: 17.508 min
Delta R.T.: -0.014 min
Response: 407173
Conc: 3.29 ug/ml



#18 n-Dotriacontane (C32)

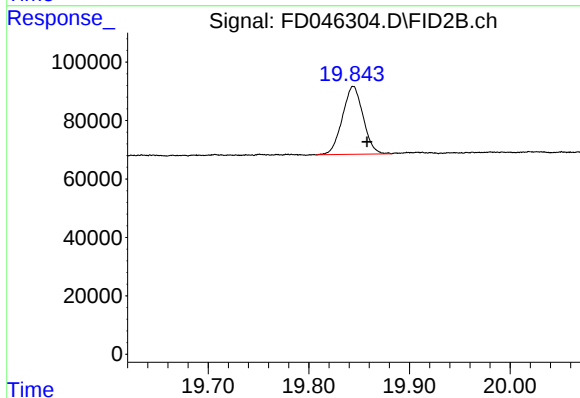
R.T.: 18.334 min
Delta R.T.: -0.013 min
Response: 401936
Conc: 3.29 ug/ml



#19 n-Tetratriacontane (C34)

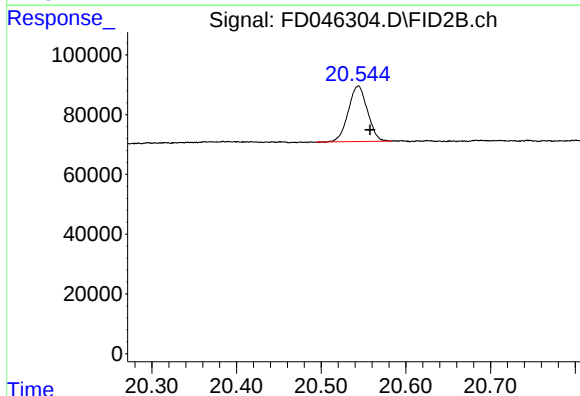
R.T.: 19.110 min
Delta R.T.: -0.013 min
Response: 361056
Conc: 2.82 ug/ml

Instrument :
FID_D
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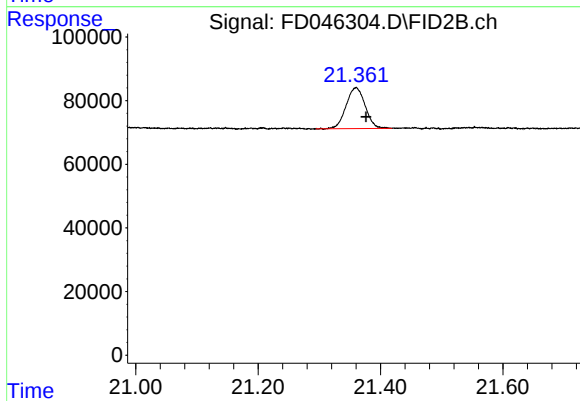
#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: -0.014 min
Response: 331859
Conc: 2.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: -0.014 min
Response: 292786
Conc: 2.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.360 min
Delta R.T.: -0.016 min
Response: 278205
Conc: 2.59 ug/ml