

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041023AL\
 Data File : FD045463.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2023 14:24
 Operator : YP/AJ
 Sample : 02213-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Apr 11 03:33:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:57:21 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...	12.873	4416839	36.980 ug/ml
Spiked Amount 50.000		Recovery =	73.96%
Target Compounds			
1) T n-Nonane (C9)	3.255	181404	1.191 ug/ml
2) T n-Decane (C10)	4.314	228130	1.511 ug/ml
4) T n-Dodecane (C12)	6.320	299687	1.964 ug/ml
6) T n-Tetradecane (C14)	8.105	267583	1.749 ug/ml
7) T n-Hexadecane (C16)	9.697	273148	1.754 ug/ml
8) T n-Octadecane (C18)	11.131	393125	2.510 ug/ml
10) T n-Eicosane (C20)	12.432	285094	1.923 ug/ml
11) T n-Heneicosane (C21)	13.039	261206	1.775 ug/ml
13) T n-Docosane (C22)	13.621	280324	1.942 ug/ml
14) T n-Tetracosane (C24)	14.717	253720	1.818 ug/ml
15) T n-Hexacosane (C26)	15.731	258026	1.920 ug/ml
16) T n-Octacosane (C28)	16.674	253212	1.926 ug/ml
17) T n-Tricontane (C30)	17.554	258159	1.981 ug/ml
18) T n-Dotriacontane (C32)	18.380	252060	1.937 ug/ml
19) T n-Tetratriacontane (C34)	19.159	211544	1.693 ug/ml
20) T n-Hexatriacontane (C36)	19.893	161462	1.407 ug/ml
21) T n-Octatriacontane (C38)	20.597	138128	1.259 ug/ml
22) T n-Tetracontane (C40)	21.429	125158	1.167 ug/ml

(f)=RT Delta > 1/2 Window

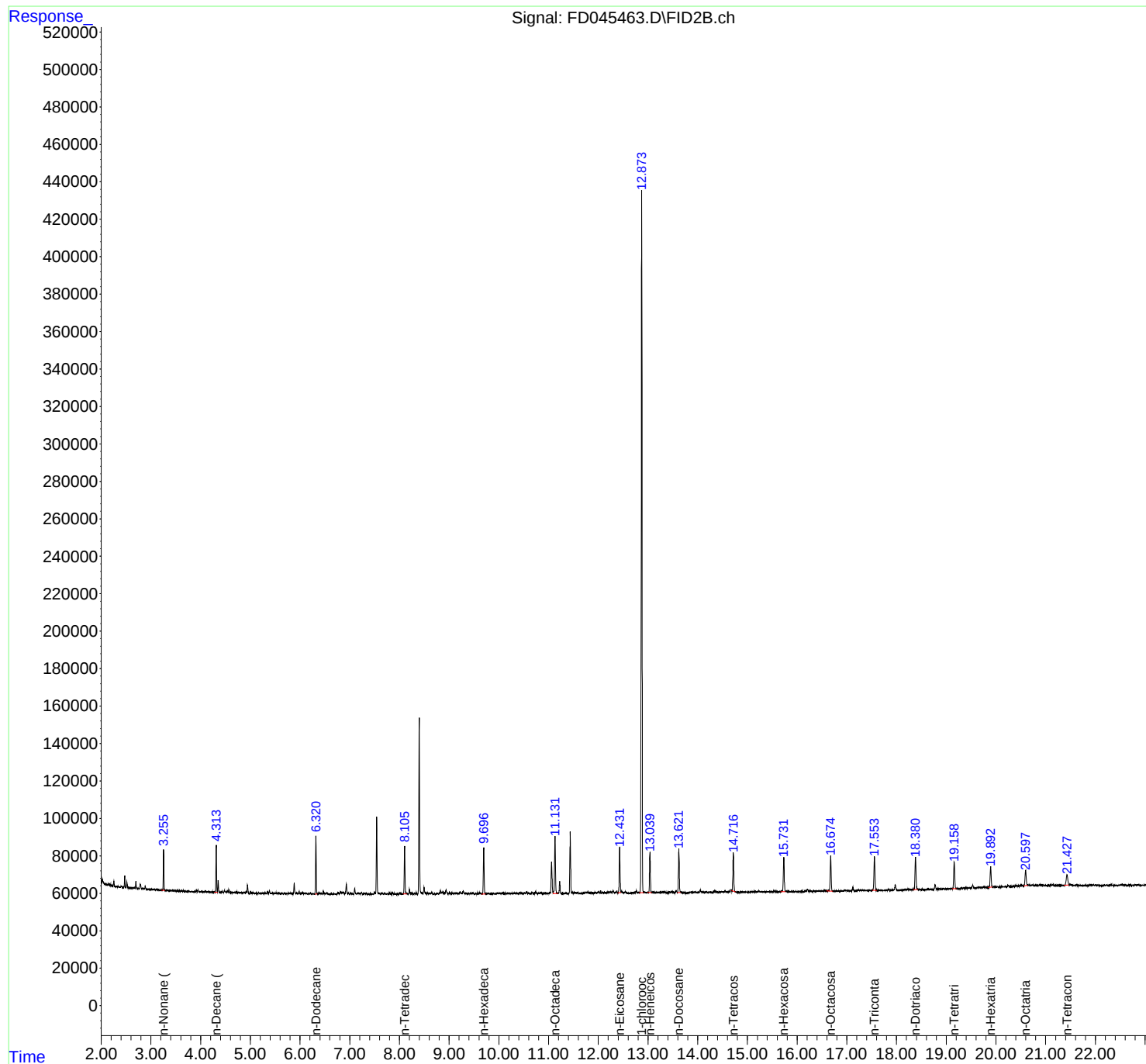
(m)=manual int.

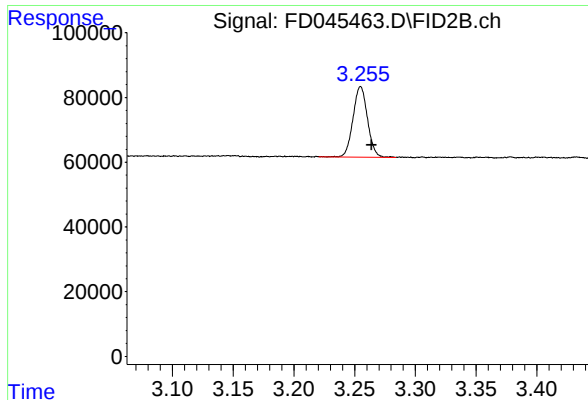
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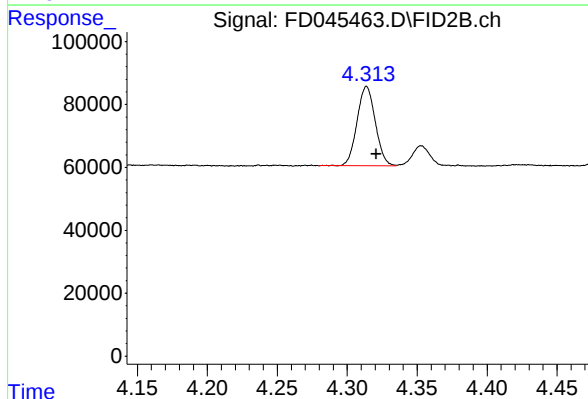




#1 n-Nonane (C9)

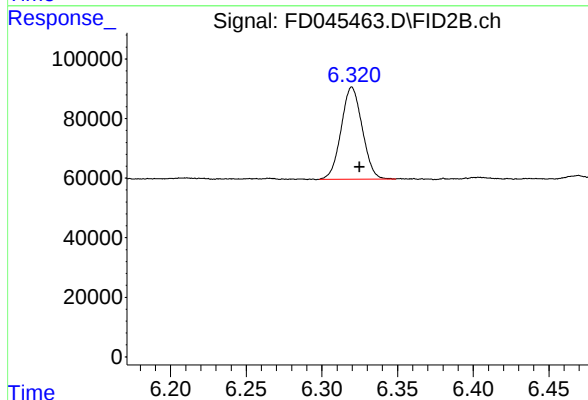
R.T.: 3.255 min
Delta R.T.: -0.009 min
Response: 181404
Conc: 1.19 ug/ml

Instrument :
FID_D
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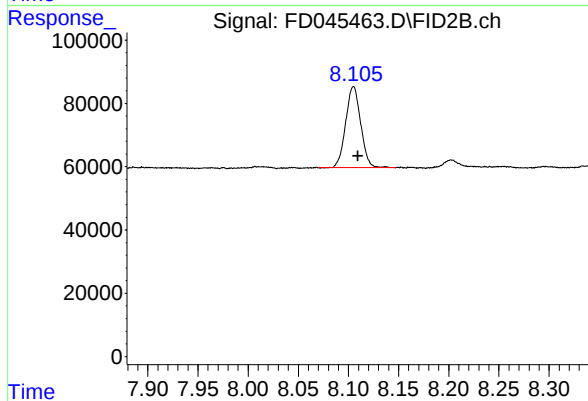
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: -0.007 min
Response: 228130
Conc: 1.51 ug/ml



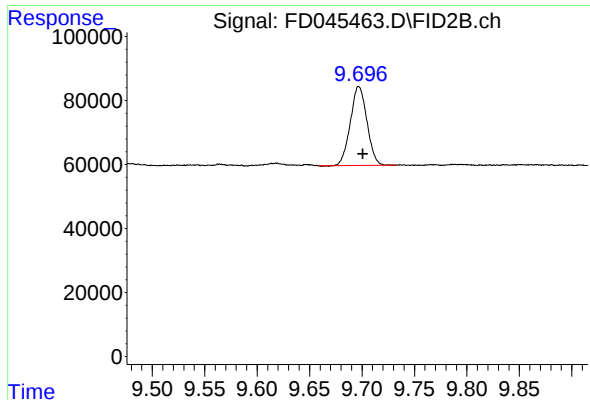
#4 n-Dodecane (C12)

R.T.: 6.320 min
Delta R.T.: -0.005 min
Response: 299687
Conc: 1.96 ug/ml



#6 n-Tetradecane (C14)

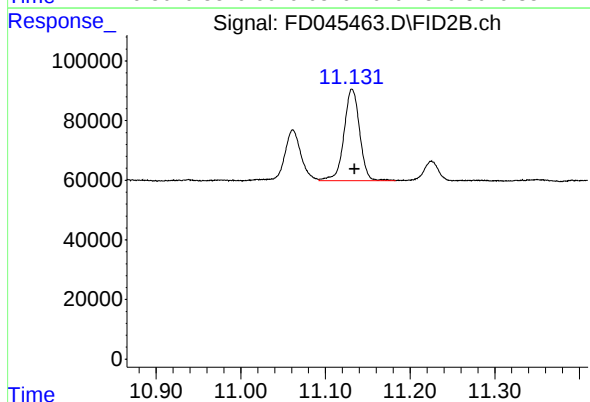
R.T.: 8.105 min
Delta R.T.: -0.005 min
Response: 267583
Conc: 1.75 ug/ml



#7 n-Hexadecane (C16)

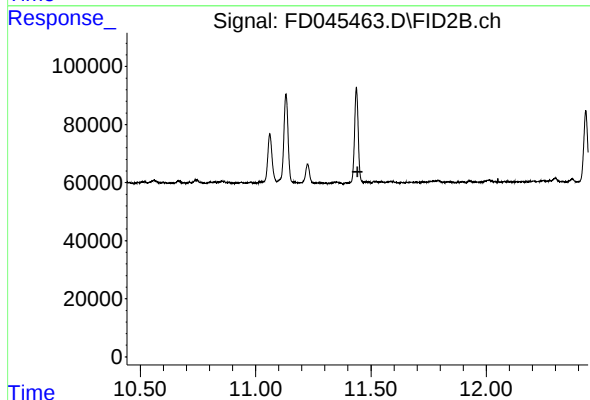
R.T.: 9.697 min
Delta R.T.: -0.004 min
Response: 273148
Conc: 1.75 ug/ml

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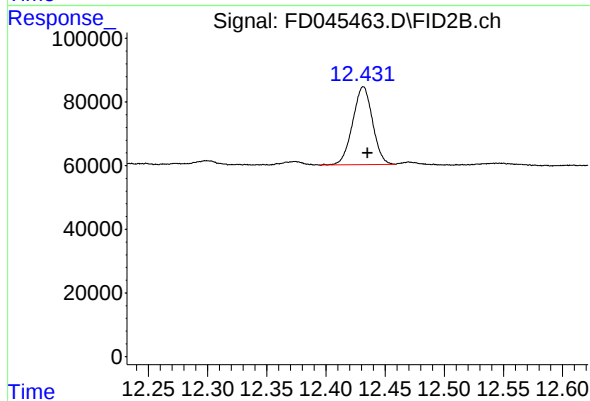
#8 n-Octadecane (C18)

R.T.: 11.131 min
Delta R.T.: -0.003 min
Response: 393125
Conc: 2.51 ug/ml



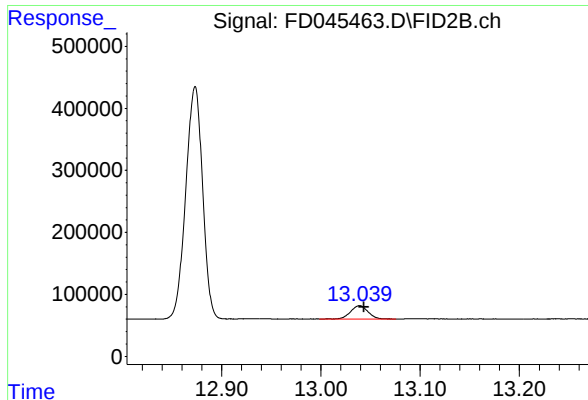
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.442 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

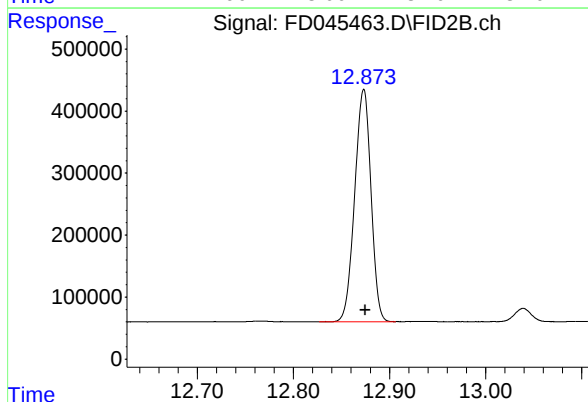
R.T.: 12.432 min
Delta R.T.: -0.004 min
Response: 285094
Conc: 1.92 ug/ml



#11 n-Heneicosane (C21)

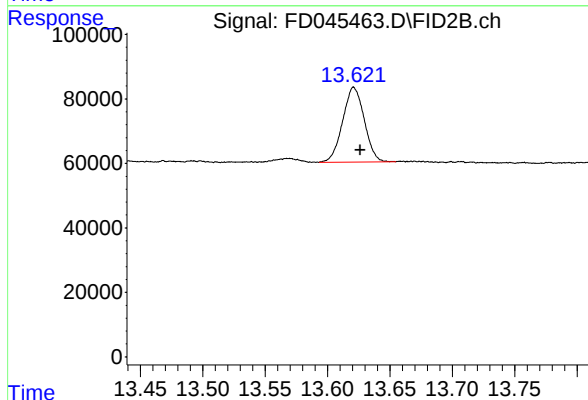
R.T.: 13.039 min
Delta R.T.: -0.004 min
Response: 261206
Conc: 1.78 ug/ml

Instrument :
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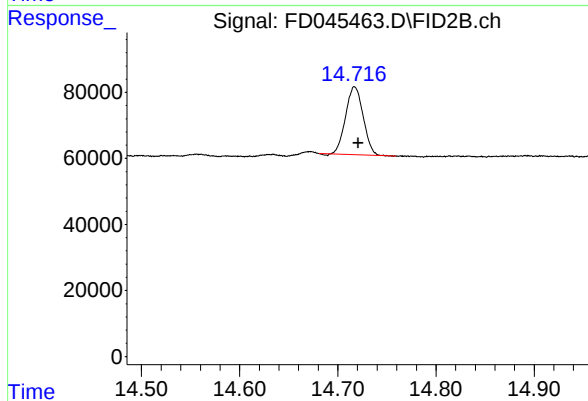
#12 1-chlorooctadecane (SURR)

R.T.: 12.873 min
Delta R.T.: -0.002 min
Response: 4416839
Conc: 36.98 ug/ml



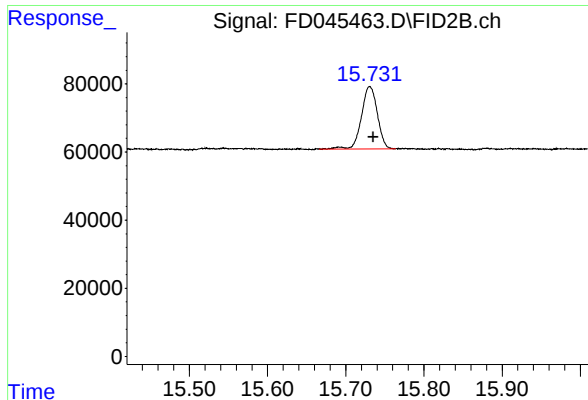
#13 n-Docosane (C22)

R.T.: 13.621 min
Delta R.T.: -0.005 min
Response: 280324
Conc: 1.94 ug/ml



#14 n-Tetracosane (C24)

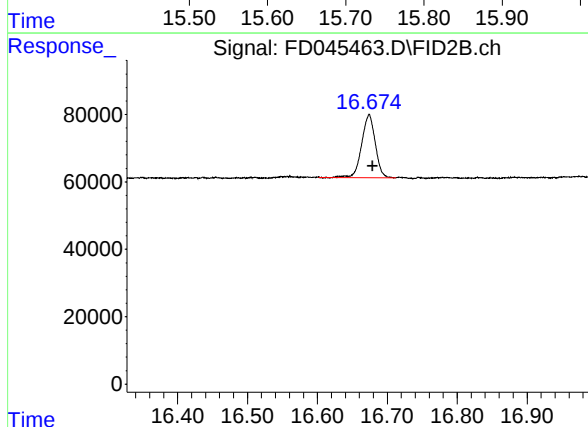
R.T.: 14.717 min
Delta R.T.: -0.004 min
Response: 253720
Conc: 1.82 ug/ml



#15 n-Hexacosane (C26)

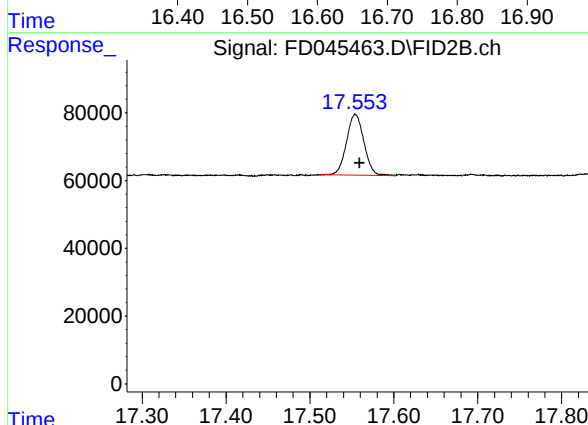
R.T.: 15.731 min
Delta R.T.: -0.004 min
Response: 258026
Conc: 1.92 ug/ml

Instrument :
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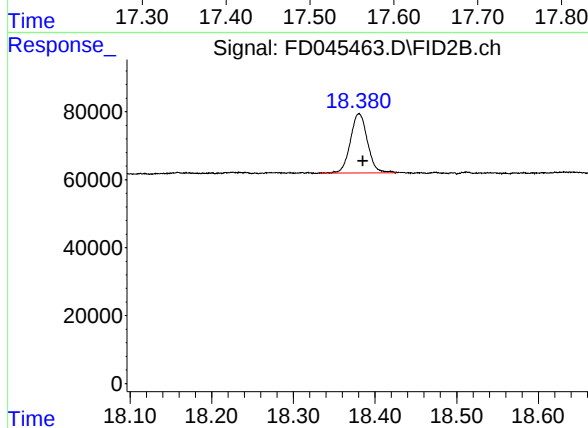
#16 n-Octacosane (C28)

R.T.: 16.674 min
Delta R.T.: -0.005 min
Response: 253212
Conc: 1.93 ug/ml



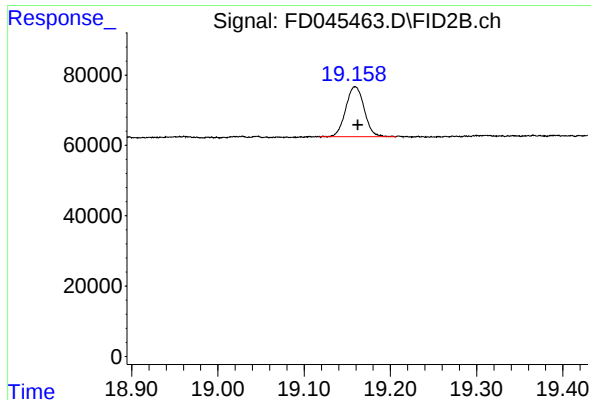
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: -0.005 min
Response: 258159
Conc: 1.98 ug/ml



#18 n-Dotriacontane (C32)

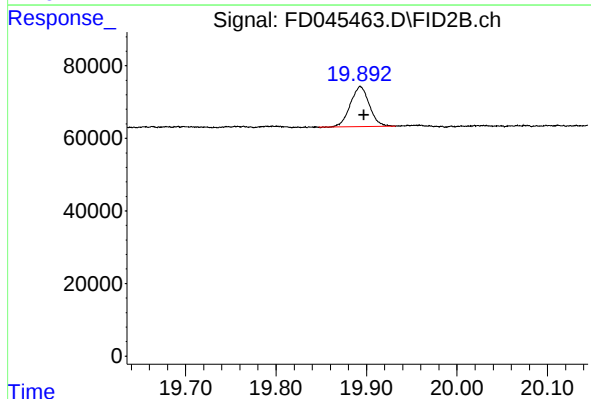
R.T.: 18.380 min
Delta R.T.: -0.005 min
Response: 252060
Conc: 1.94 ug/ml



#19 n-Tetratriacontane (C34)

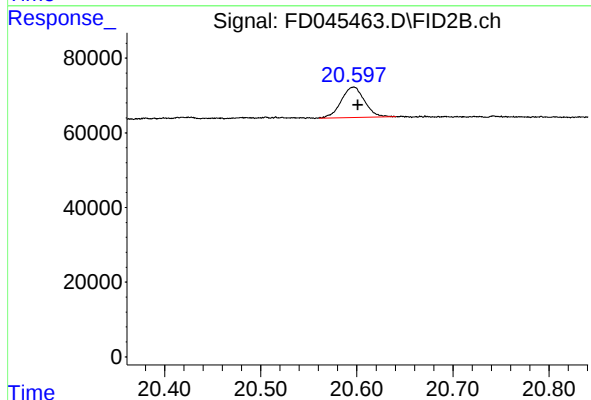
R.T.: 19.159 min
Delta R.T.: -0.003 min
Response: 211544
Conc: 1.69 ug/ml

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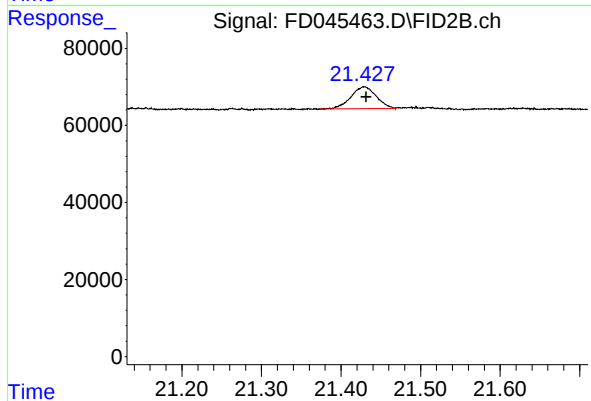
#20 n-Hexatriacontane (C36)

R.T.: 19.893 min
Delta R.T.: -0.004 min
Response: 161462
Conc: 1.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: -0.005 min
Response: 138128
Conc: 1.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.429 min
Delta R.T.: -0.003 min
Response: 125158
Conc: 1.17 ug/ml