

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048143.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 18:04
 Operator : YP/AJ
 Sample : P3390-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 03 00:09:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 14:07:46 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...	12.735	6576131	43.069 ug/ml
Spiked Amount 50.000		Recovery =	86.14%
Target Compounds			
1) T n-Nonane (C9)	3.144	489521	2.717 ug/ml
2) T n-Decane (C10)	4.191	612095	3.303 ug/ml
4) T n-Dodecane (C12)	6.186	819370	4.371 ug/ml
6) T n-Tetradecane (C14)	7.969	762946	4.096 ug/ml
7) T n-Hexadecane (C16)	9.558	750193	3.950 ug/ml
8) T n-Octadecane (C18)	10.991	828884	4.319 ug/ml
10) T n-Eicosane (C20)	12.294	879185	4.783 ug/ml
11) T n-Heneicosane (C21)	12.901	812154	4.496 ug/ml
13) T n-Docosane (C22)	13.485	984744	5.515 ug/ml
14) T n-Tetracosane (C24)	14.582	1229032	6.963 ug/ml
15) T n-Hexacosane (C26)	15.598	1403535	8.225 ug/ml
16) T n-Octacosane (C28)	16.543	1516861	9.201 ug/ml
17) T n-Tricontane (C30)	17.425	1597286	9.670 ug/ml
18) T n-Dotriacontane (C32)	18.253	1483959	9.360 ug/ml
19) T n-Tetratriacontane (C34)	19.031	1044082	6.929 ug/ml
20) T n-Hexatriacontane (C36)	19.768	827037	5.824 ug/ml
21) T n-Octatriacontane (C38)	20.465	707640	5.114 ug/ml
22) T n-Tetracontane (C40)	21.253	632597	4.772 ug/ml

(f)=RT Delta > 1/2 Window

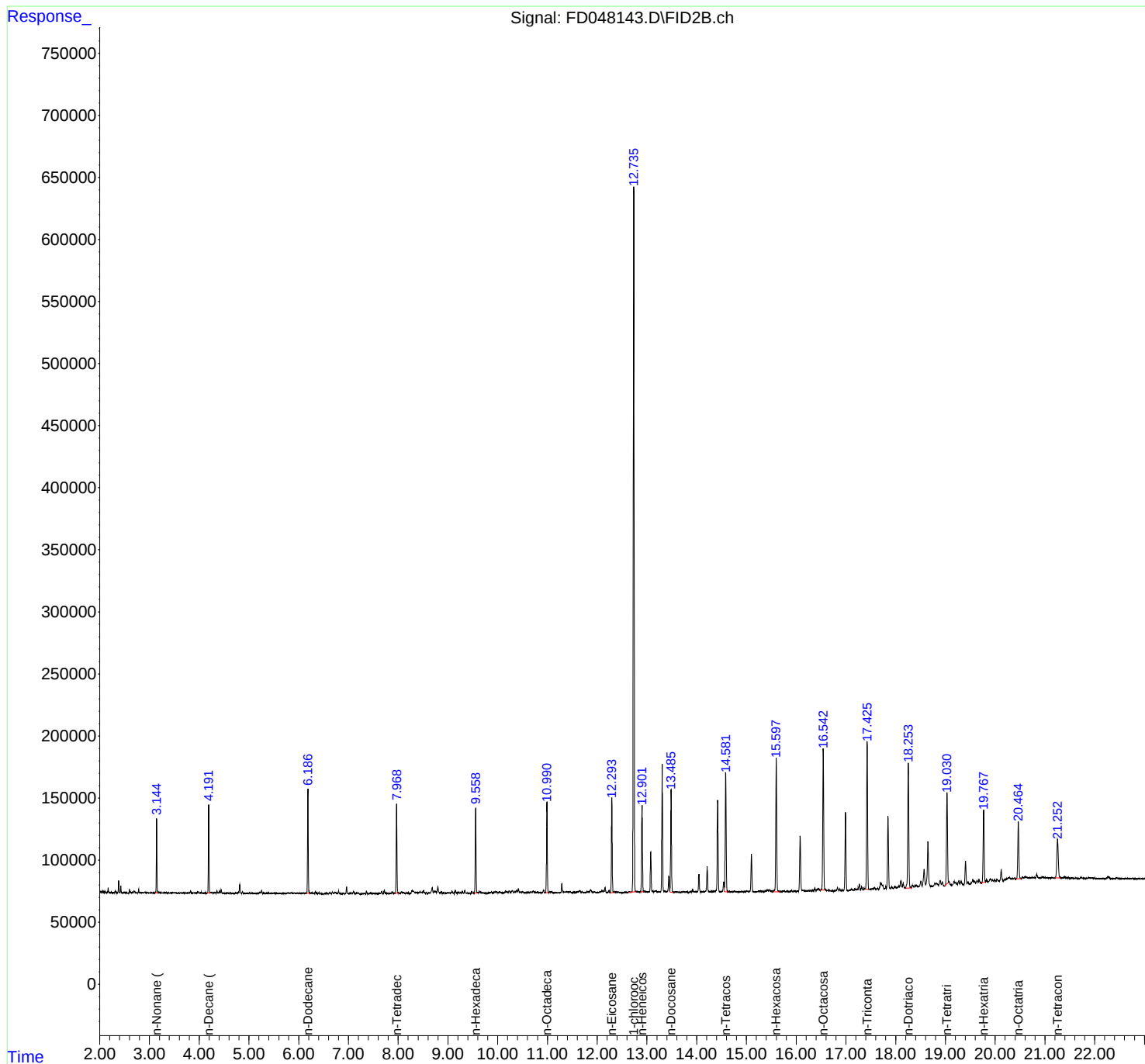
(m)=manual int.

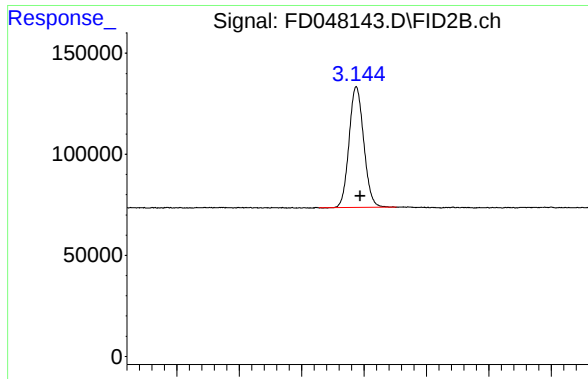
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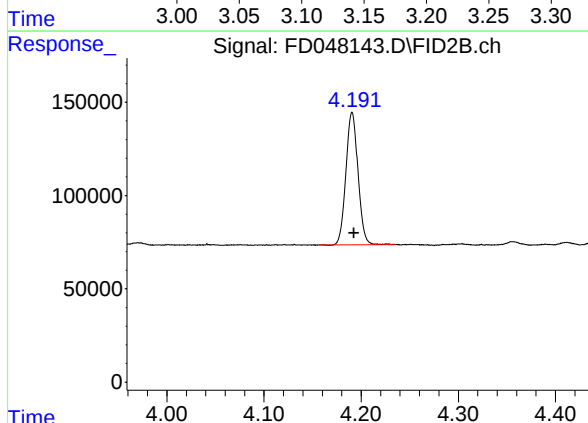




#1 n-Nonane (C9)

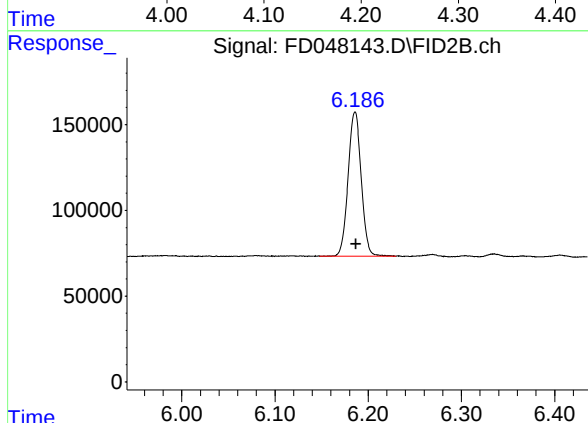
R.T.: 3.144 min
Delta R.T.: -0.003 min
Response: 489521
Conc: 2.72 ug/ml

Instrument :
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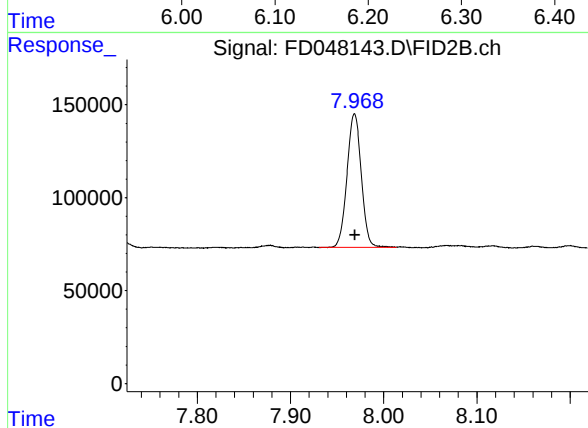
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 612095
Conc: 3.30 ug/ml



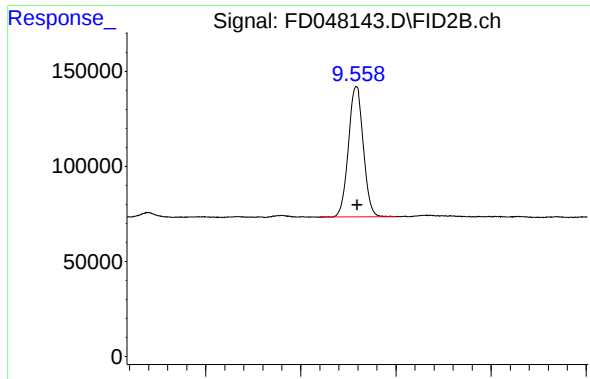
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 819370
Conc: 4.37 ug/ml



#6 n-Tetradecane (C14)

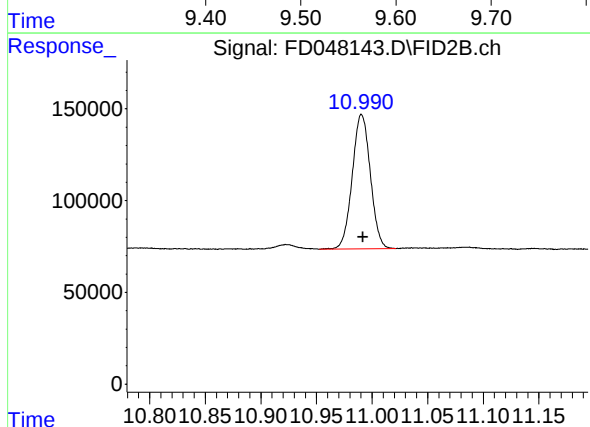
R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 762946
Conc: 4.10 ug/ml



#7 n-Hexadecane (C16)

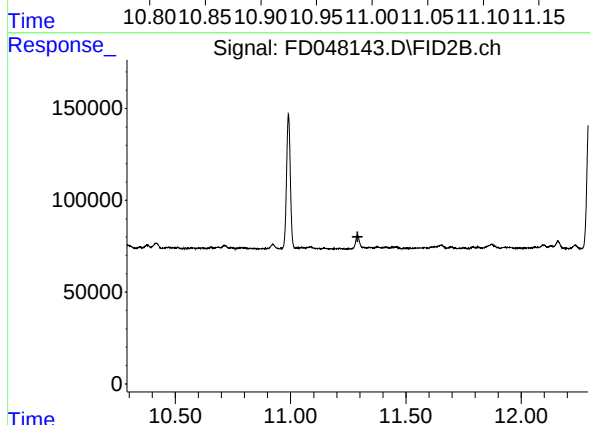
R.T.: 9.558 min
Delta R.T.: -0.001 min
Response: 750193
Conc: 3.95 ug/ml

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LOQ-SOIL-02-QT3-2024



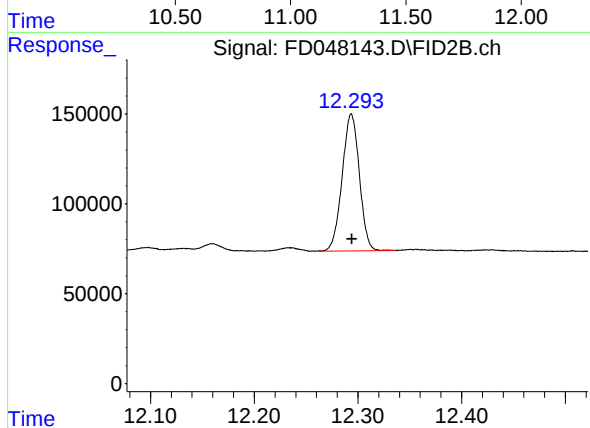
#8 n-Octadecane (C18)

R.T.: 10.991 min
Delta R.T.: -0.001 min
Response: 828884
Conc: 4.32 ug/ml



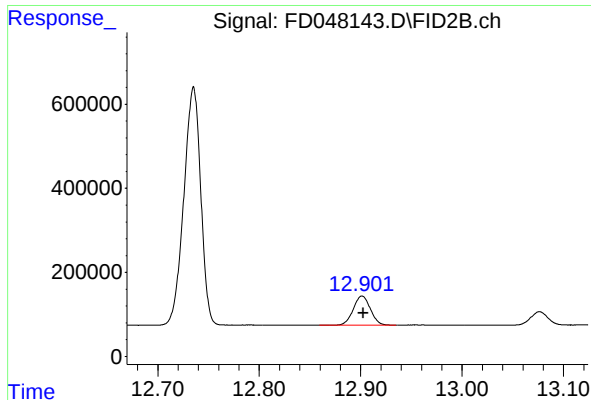
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.290 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

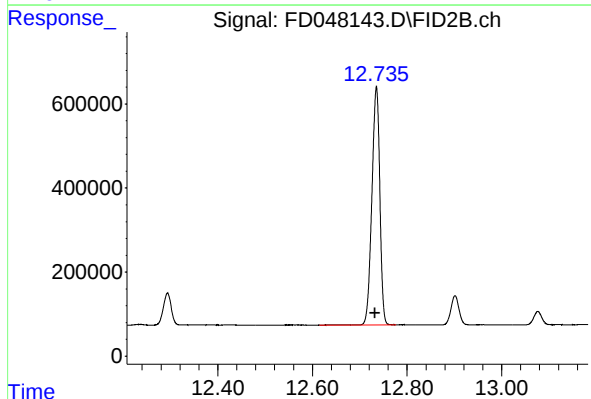
R.T.: 12.294 min
Delta R.T.: 0.000 min
Response: 879185
Conc: 4.78 ug/ml



#11 n-Heneicosane (C21)

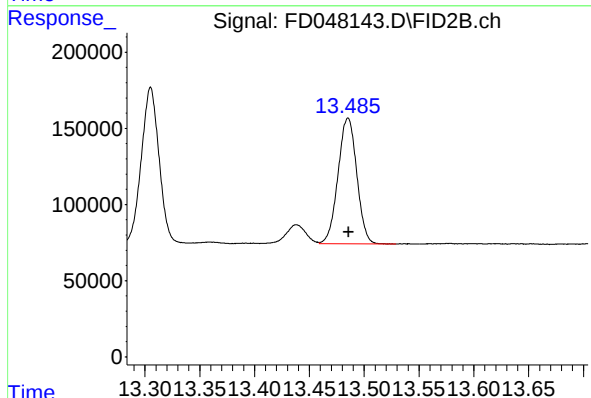
R.T.: 12.901 min
Delta R.T.: -0.001 min
Response: 812154
Conc: 4.50 ug/ml

Instrument :
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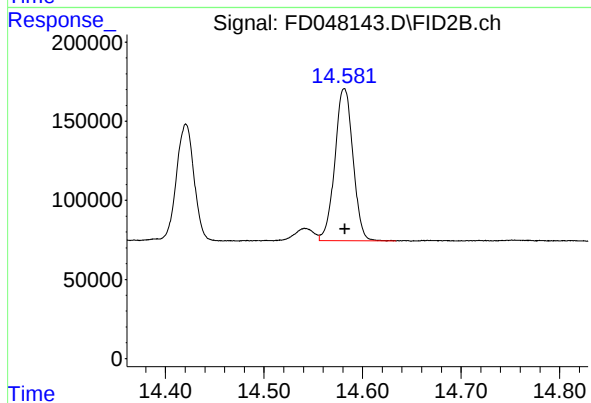
#12 1-chlorooctadecane (SURR)

R.T.: 12.735 min
Delta R.T.: 0.003 min
Response: 6576131
Conc: 43.07 ug/ml



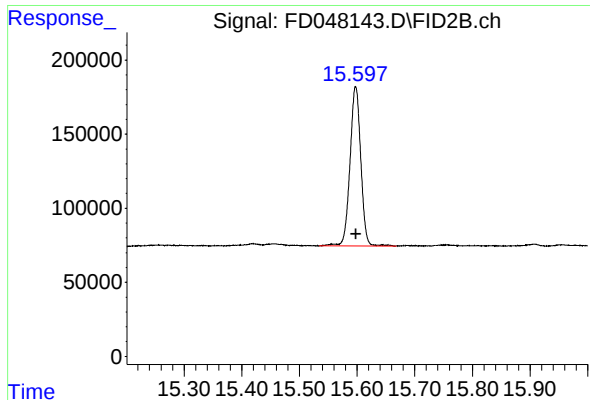
#13 n-Docosane (C22)

R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 984744
Conc: 5.52 ug/ml



#14 n-Tetracosane (C24)

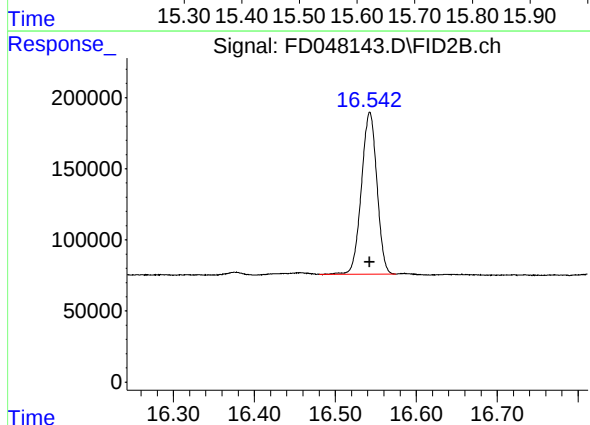
R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 1229032
Conc: 6.96 ug/ml



#15 n-Hexacosane (C26)

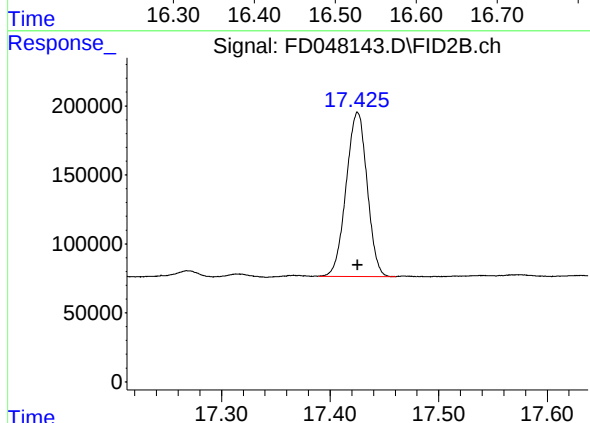
R.T.: 15.598 min
Delta R.T.: 0.000 min
Response: 1403535
Conc: 8.23 ug/ml

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FID_D
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LOQ-SOIL-02-QT3-2024



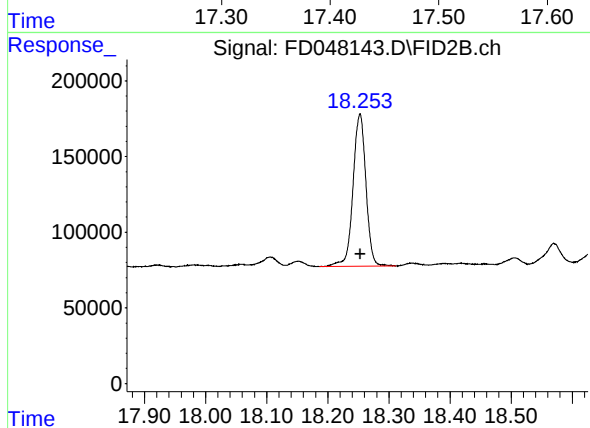
#16 n-Octacosane (C28)

R.T.: 16.543 min
Delta R.T.: 0.000 min
Response: 1516861
Conc: 9.20 ug/ml



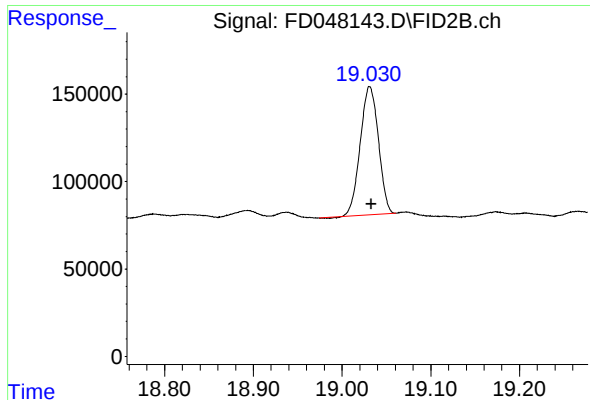
#17 n-Tricontane (C30)

R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 1597286
Conc: 9.67 ug/ml



#18 n-Dotriacontane (C32)

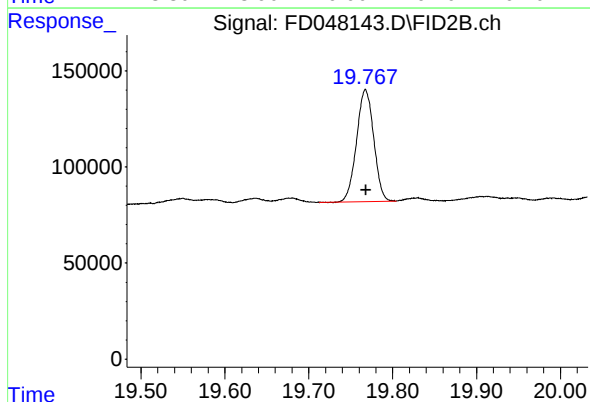
R.T.: 18.253 min
Delta R.T.: 0.000 min
Response: 1483959
Conc: 9.36 ug/ml



#19 n-Tetratriacontane (C34)

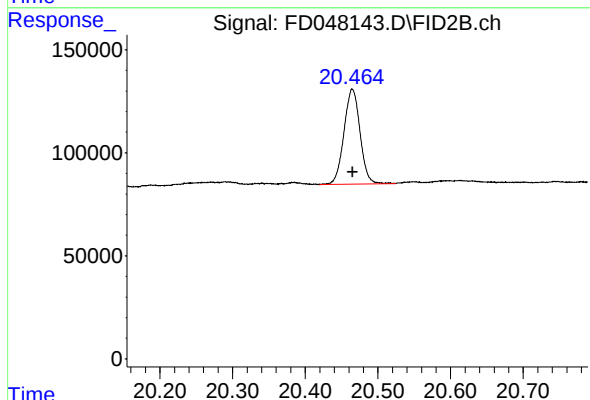
R.T.: 19.031 min
Delta R.T.: -0.002 min
Response: 1044082
Conc: 6.93 ug/ml

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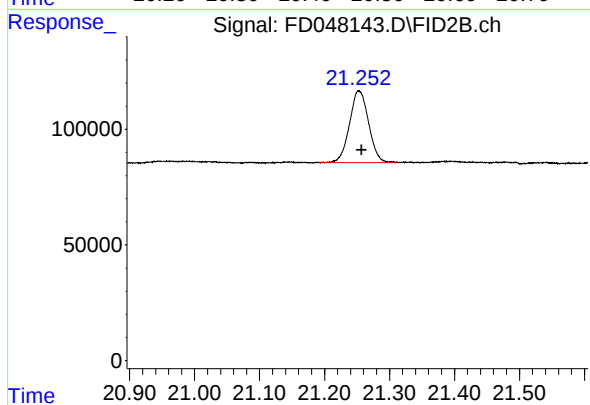
#20 n-Hexatriacontane (C36)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 827037
Conc: 5.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.465 min
Delta R.T.: 0.000 min
Response: 707640
Conc: 5.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.253 min
Delta R.T.: -0.005 min
Response: 632597
Conc: 4.77 ug/ml