

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048141.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 16:35
 Operator : YP/AJ
 Sample : P3390-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 03 00:09:10 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...	12.734	4795531	31.408 ug/ml
Spiked Amount 50.000		Recovery =	62.82%
Target Compounds			
1) T n-Nonane (C9)	3.148	233884	1.298 ug/ml
2) T n-Decane (C10)	4.193	299265	1.615 ug/ml
4) T n-Dodecane (C12)	6.187	491385	2.621 ug/ml
6) T n-Tetradecane (C14)	7.969	460652	2.473 ug/ml
7) T n-Hexadecane (C16)	9.559	390147	2.054 ug/ml
8) T n-Octadecane (C18)	10.991	404935	2.110 ug/ml
10) T n-Eicosane (C20)	12.294	408769	2.224 ug/ml
11) T n-Heneicosane (C21)	12.902	373581	2.068 ug/ml
13) T n-Docosane (C22)	13.485	396688	2.222 ug/ml
14) T n-Tetracosane (C24)	14.582	402507	2.281 ug/ml
15) T n-Hexacosane (C26)	15.598	379344	2.223 ug/ml
16) T n-Octacosane (C28)	16.541	365038	2.214 ug/ml
17) T n-Tricontane (C30)	17.425	378100	2.289 ug/ml
18) T n-Dotriacontane (C32)	18.253	392352	2.475 ug/ml
19) T n-Tetratriacontane (C34)	19.032	359342	2.385 ug/ml
20) T n-Hexatriacontane (C36)	19.768	327170	2.304 ug/ml
21) T n-Octatriacontane (C38)	20.466	310238	2.242 ug/ml
22) T n-Tetracontane (C40)	21.255	276788	2.088 ug/ml

(f)=RT Delta > 1/2 Window

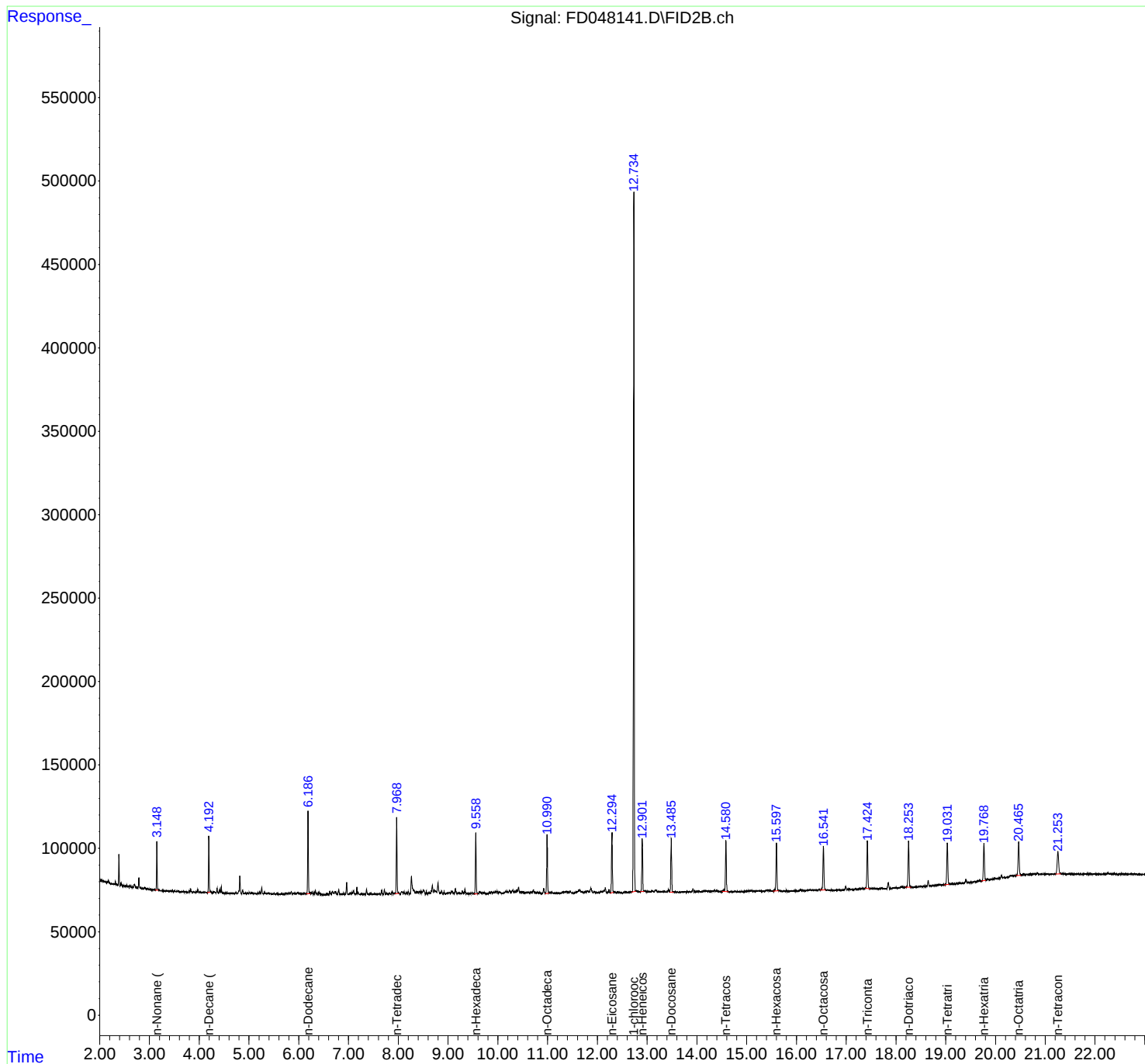
(m)=manual int.

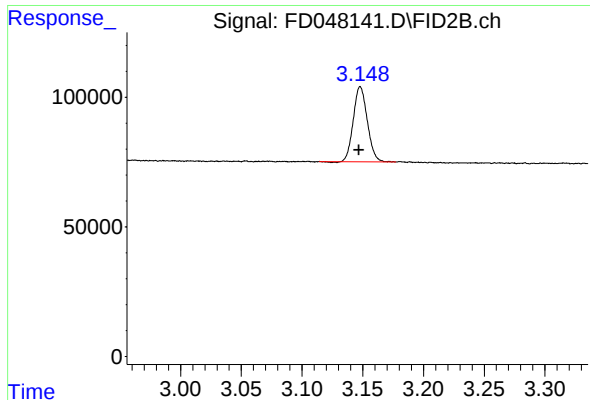
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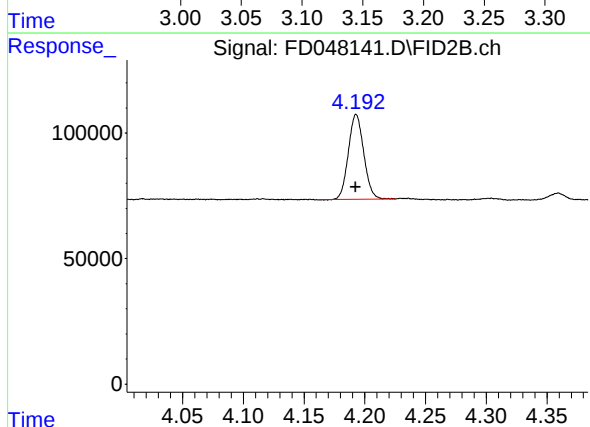




#1 n-Nonane (C9)

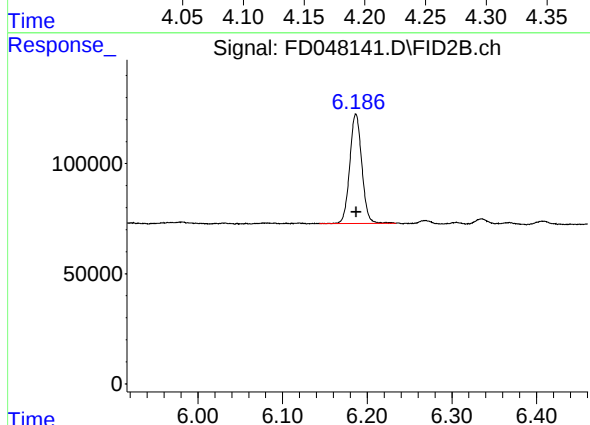
R.T.: 3.148 min
Delta R.T.: 0.001 min
Response: 233884
Conc: 1.30 ug/ml

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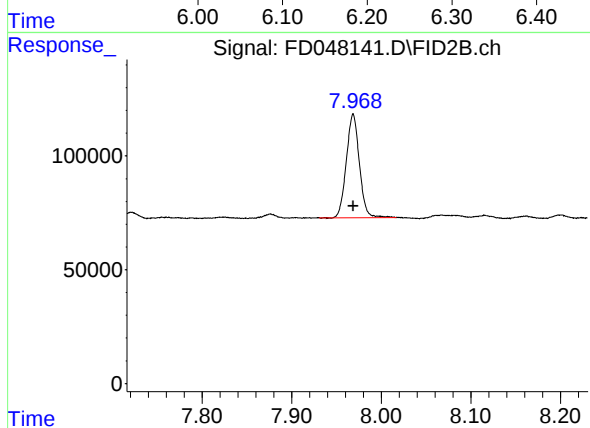
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 299265
Conc: 1.62 ug/ml



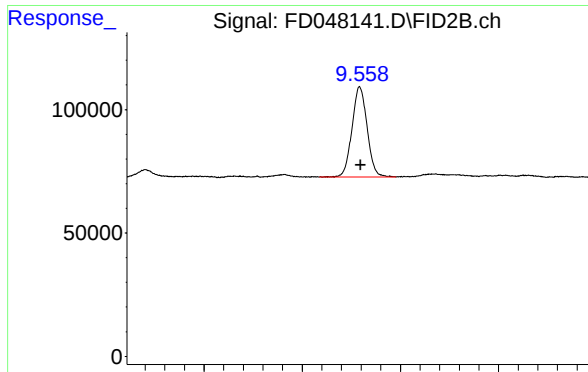
#4 n-Dodecane (C12)

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 491385
Conc: 2.62 ug/ml



#6 n-Tetradecane (C14)

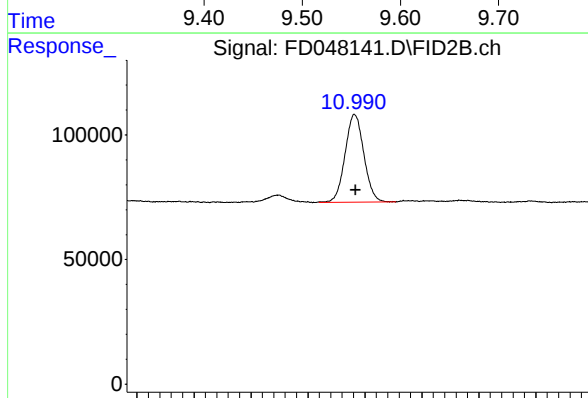
R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 460652
Conc: 2.47 ug/ml



#7 n-Hexadecane (C16)

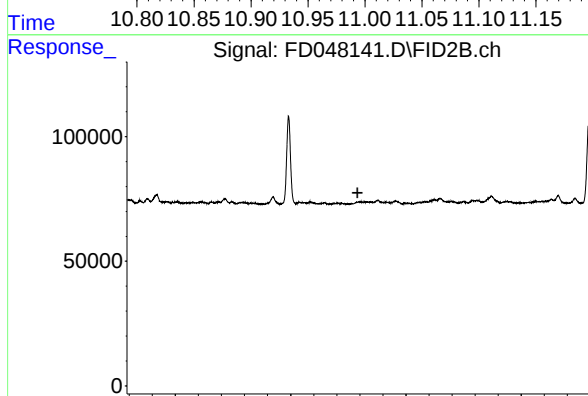
R.T.: 9.559 min
Delta R.T.: 0.000 min
Response: 390147
Conc: 2.05 ug/ml

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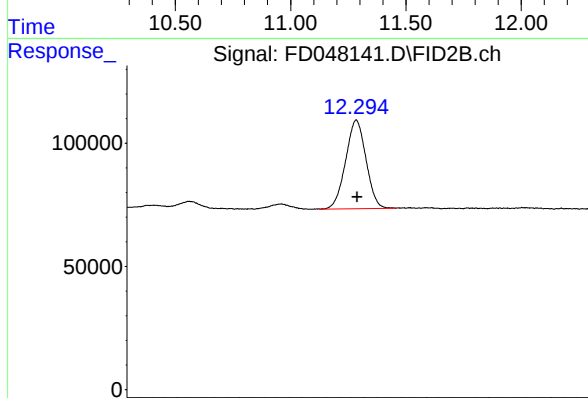
#8 n-Octadecane (C18)

R.T.: 10.991 min
Delta R.T.: 0.000 min
Response: 404935
Conc: 2.11 ug/ml



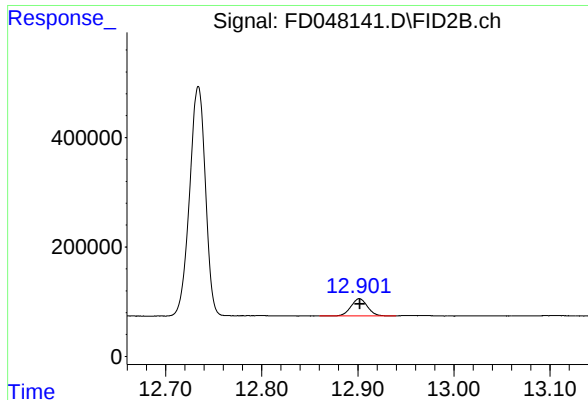
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

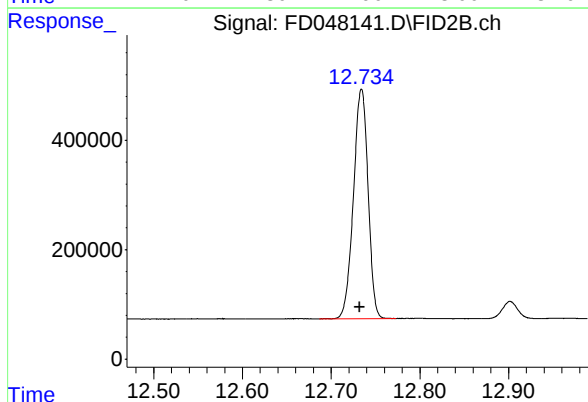
R.T.: 12.294 min
Delta R.T.: 0.000 min
Response: 408769
Conc: 2.22 ug/ml



#11 n-Heneicosane (C21)

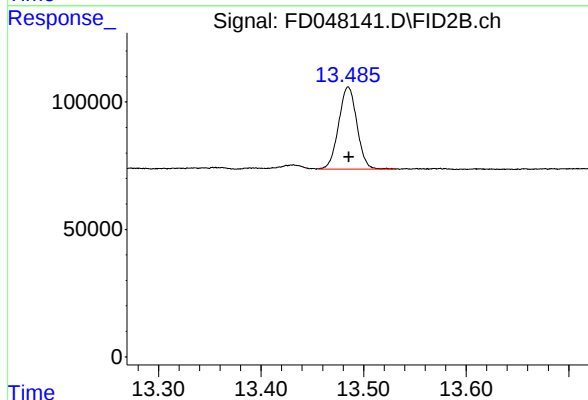
R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 373581
Conc: 2.07 ug/ml

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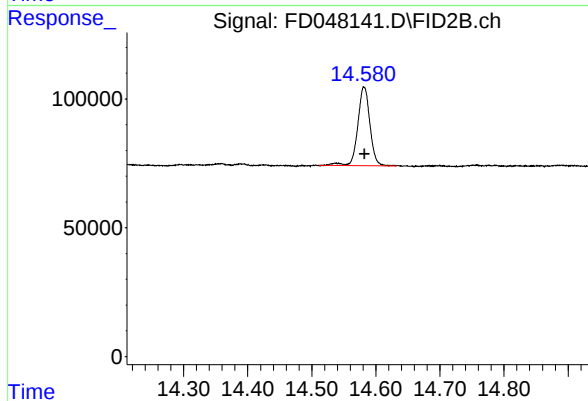
#12 1-chlorooctadecane (SURR)

R.T.: 12.734 min
Delta R.T.: 0.002 min
Response: 4795531
Conc: 31.41 ug/ml



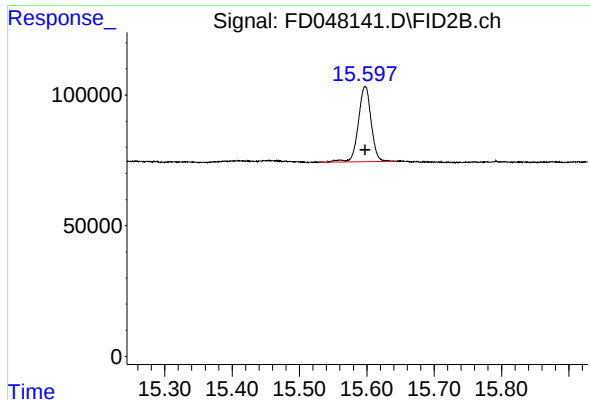
#13 n-Docosane (C22)

R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 396688
Conc: 2.22 ug/ml



#14 n-Tetracosane (C24)

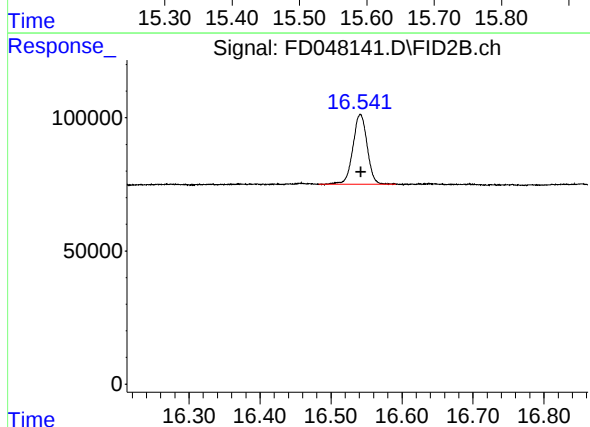
R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 402507
Conc: 2.28 ug/ml



#15 n-Hexacosane (C26)

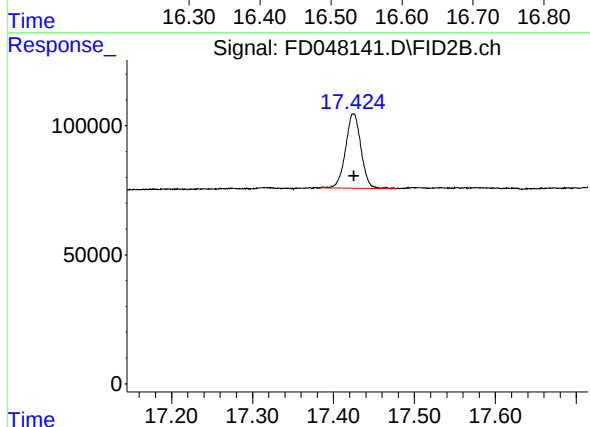
R.T.: 15.598 min
Delta R.T.: 0.000 min
Response: 379344
Conc: 2.22 ug/ml

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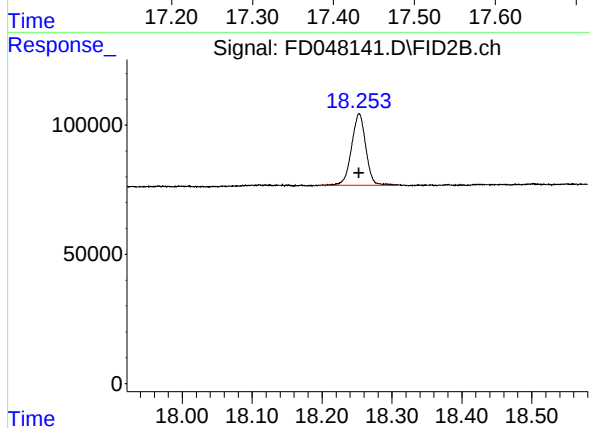
#16 n-Octacosane (C28)

R.T.: 16.541 min
Delta R.T.: 0.000 min
Response: 365038
Conc: 2.21 ug/ml



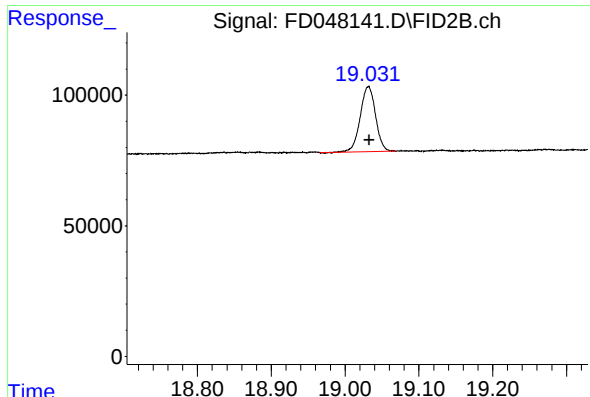
#17 n-Tricontane (C30)

R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 378100
Conc: 2.29 ug/ml



#18 n-Dotriacontane (C32)

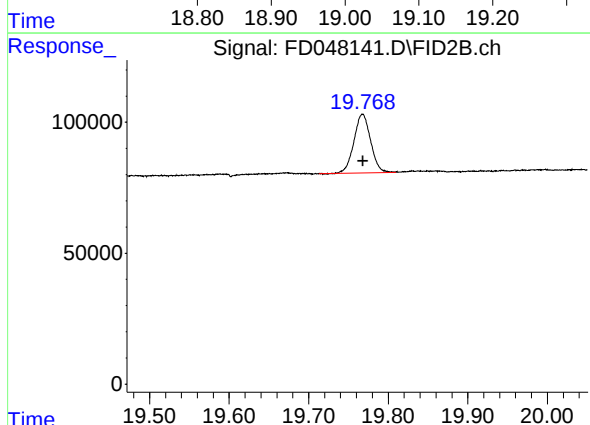
R.T.: 18.253 min
Delta R.T.: 0.000 min
Response: 392352
Conc: 2.47 ug/ml



#19 n-Tetratriacontane (C34)

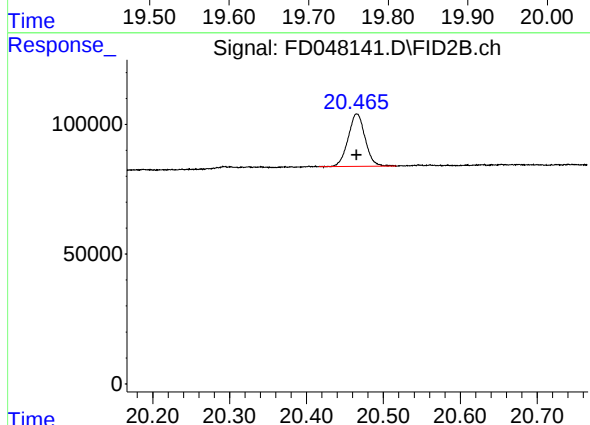
R.T.: 19.032 min
Delta R.T.: -0.001 min
Response: 359342
Conc: 2.38 ug/ml

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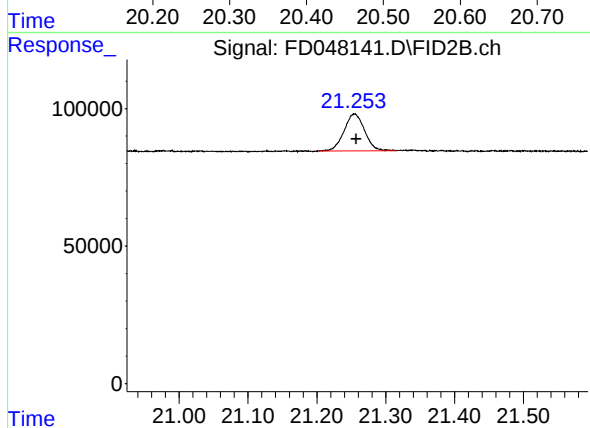
#20 n-Hexatriacontane (C36)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 327170
Conc: 2.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 310238
Conc: 2.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.255 min
Delta R.T.: -0.003 min
Response: 276788
Conc: 2.09 ug/ml