

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048146.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 22:41
 Operator : YP/AJ
 Sample : P3390-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 77 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 03 00:09:59 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...	12.736	6641061	43.495 ug/ml
Spiked Amount 50.000		Recovery =	86.99%
Target Compounds			
1) T n-Nonane (C9)	3.141	499065	2.770 ug/ml
2) T n-Decane (C10)	4.189	618779	3.339 ug/ml
4) T n-Dodecane (C12)	6.185	821184	4.381 ug/ml
6) T n-Tetradecane (C14)	7.968	779538	4.185 ug/ml
7) T n-Hexadecane (C16)	9.558	760833	4.006 ug/ml
8) T n-Octadecane (C18)	10.991	837668	4.365 ug/ml
10) T n-Eicosane (C20)	12.293	884535	4.812 ug/ml
11) T n-Heneicosane (C21)	12.902	819226	4.536 ug/ml
13) T n-Docosane (C22)	13.484	994546	5.570 ug/ml
14) T n-Tetracosane (C24)	14.581	1249266	7.078 ug/ml
15) T n-Hexacosane (C26)	15.597	1401035	8.211 ug/ml
16) T n-Octacosane (C28)	16.542	1537471	9.326 ug/ml
17) T n-Tricontane (C30)	17.425	1628198	9.857 ug/ml
18) T n-Dotriacontane (C32)	18.253	1512539	9.540 ug/ml
19) T n-Tetratriacontane (C34)	19.032	1056572	7.011 ug/ml
20) T n-Hexatriacontane (C36)	19.767	833937	5.872 ug/ml
21) T n-Octatriacontane (C38)	20.465	707818	5.115 ug/ml
22) T n-Tetracontane (C40)	21.255	628572	4.742 ug/ml

(f)=RT Delta > 1/2 Window

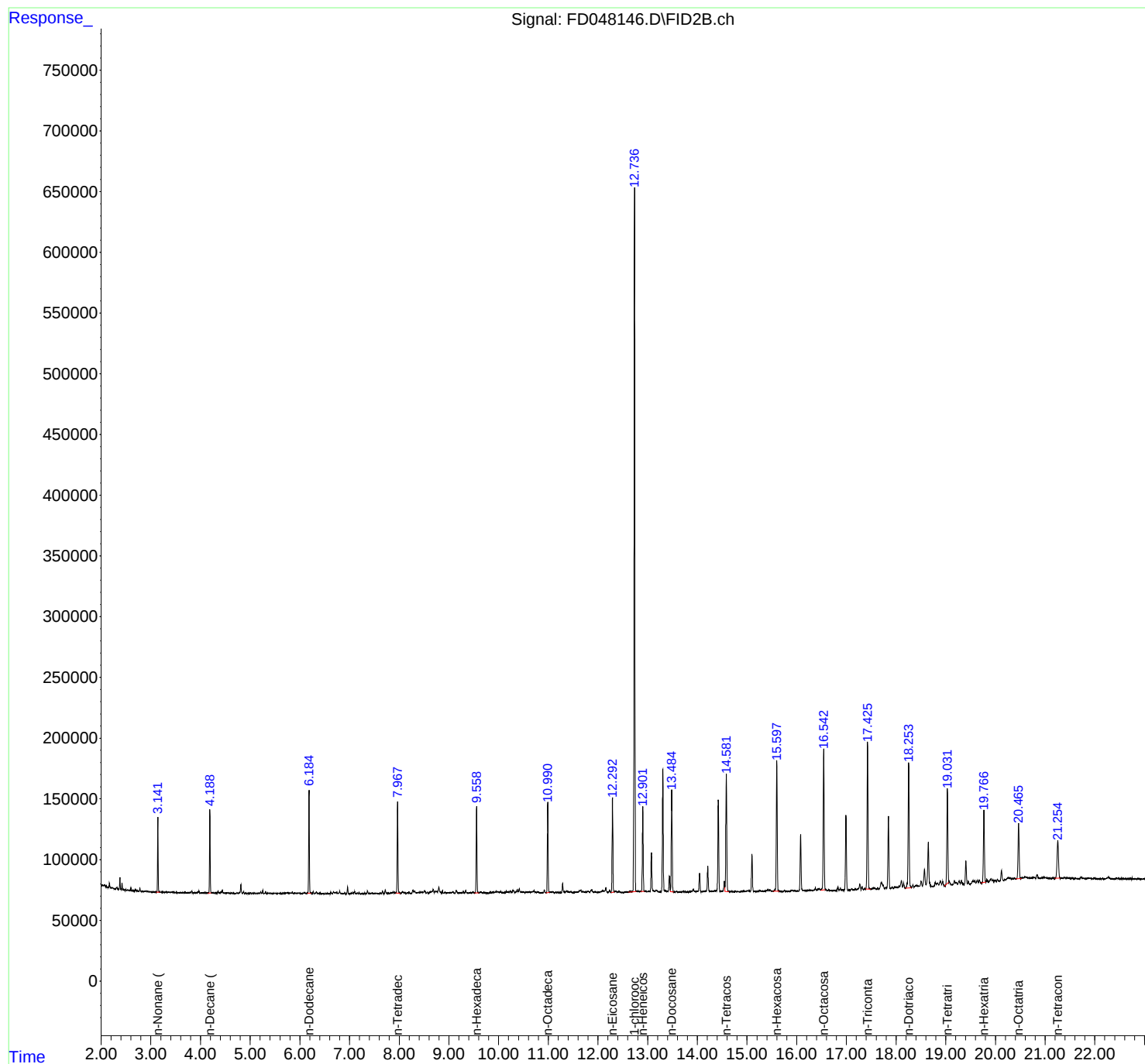
(m)=manual int.

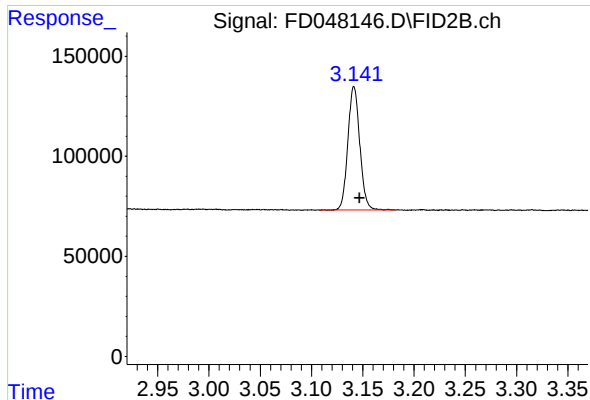
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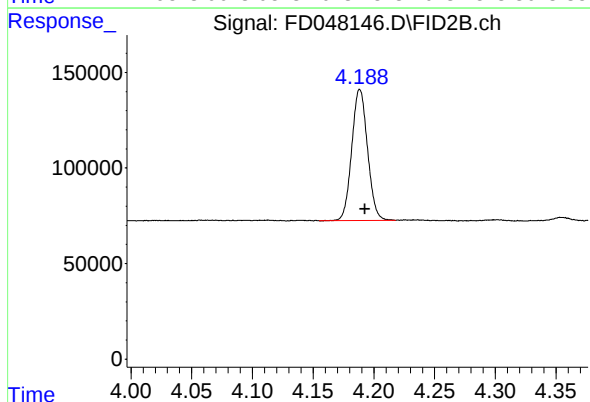




#1 n-Nonane (C9)

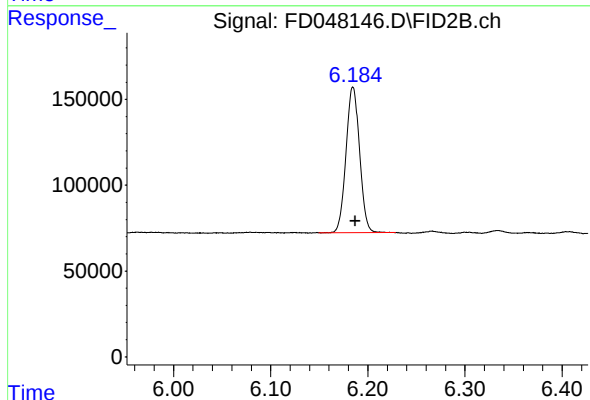
R.T.: 3.141 min
Delta R.T.: -0.006 min
Response: 499065
Conc: 2.77 ug/ml

Instrument :
FID_D
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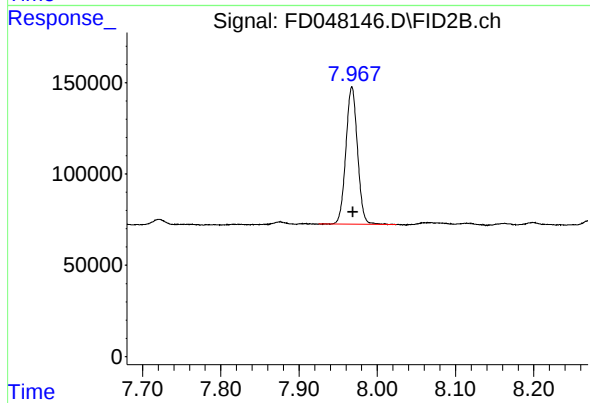
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: -0.004 min
Response: 618779
Conc: 3.34 ug/ml



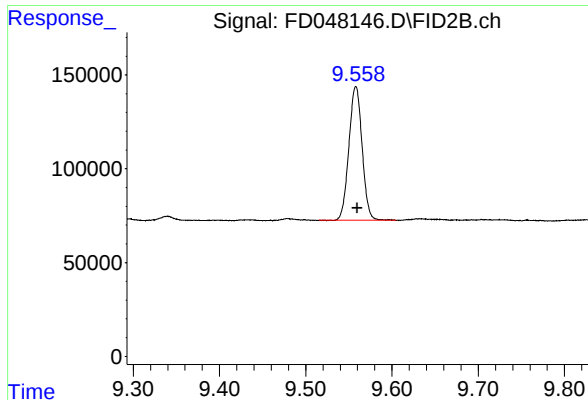
#4 n-Dodecane (C12)

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 821184
Conc: 4.38 ug/ml



#6 n-Tetradecane (C14)

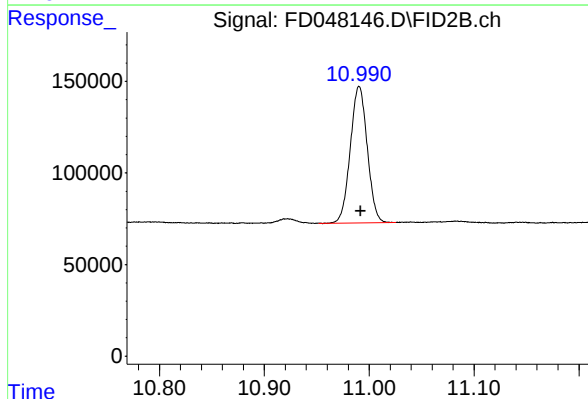
R.T.: 7.968 min
Delta R.T.: -0.001 min
Response: 779538
Conc: 4.18 ug/ml



#7 n-Hexadecane (C16)

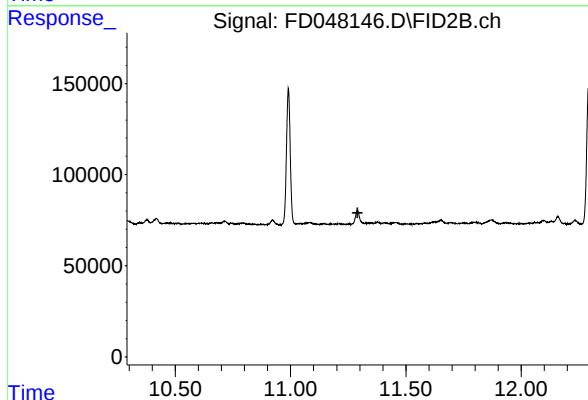
R.T.: 9.558 min
Delta R.T.: -0.001 min
Response: 760833
Conc: 4.01 ug/ml

Instrument :
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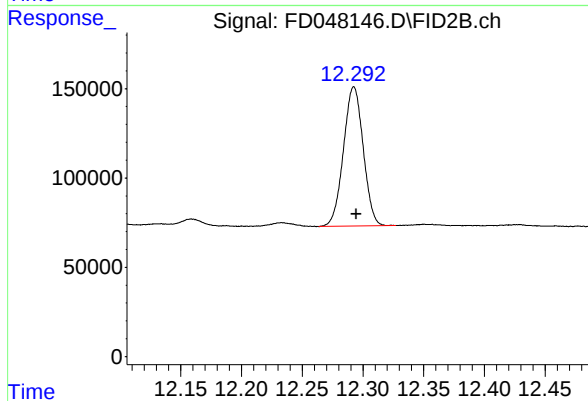
#8 n-Octadecane (C18)

R.T.: 10.991 min
Delta R.T.: -0.001 min
Response: 837668
Conc: 4.37 ug/ml



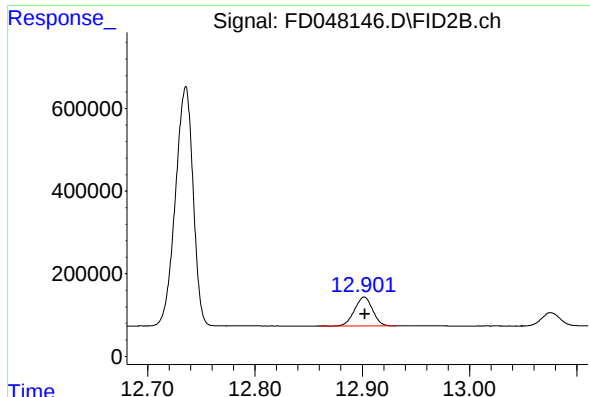
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

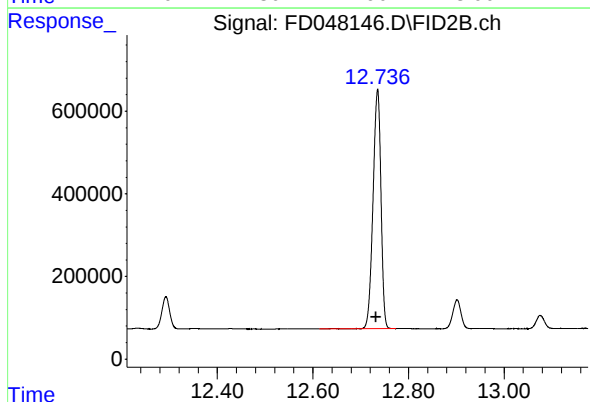
R.T.: 12.293 min
Delta R.T.: -0.002 min
Response: 884535
Conc: 4.81 ug/ml



#11 n-Heneicosane (C21)

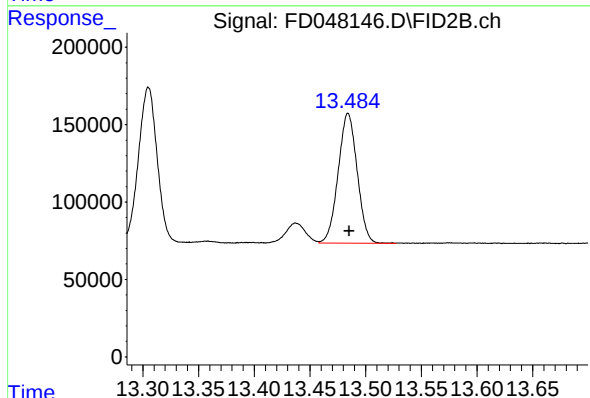
R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 819226
Conc: 4.54 ug/ml

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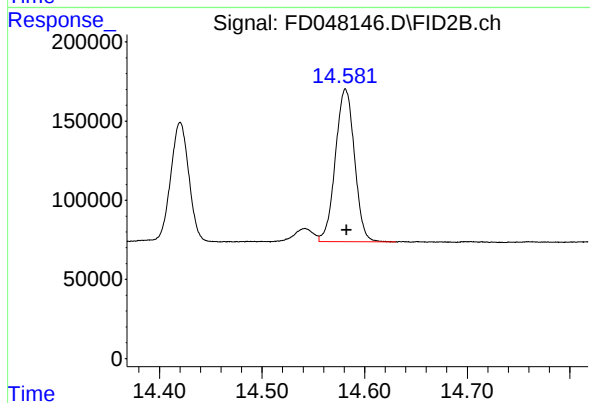
#12 1-chlorooctadecane (SURR)

R.T.: 12.736 min
Delta R.T.: 0.003 min
Response: 6641061
Conc: 43.49 ug/ml



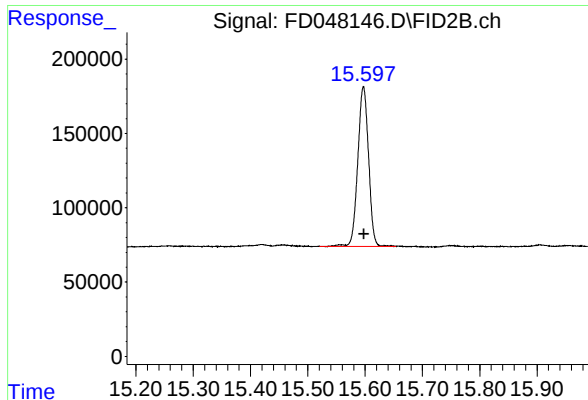
#13 n-Docosane (C22)

R.T.: 13.484 min
Delta R.T.: -0.001 min
Response: 994546
Conc: 5.57 ug/ml



#14 n-Tetracosane (C24)

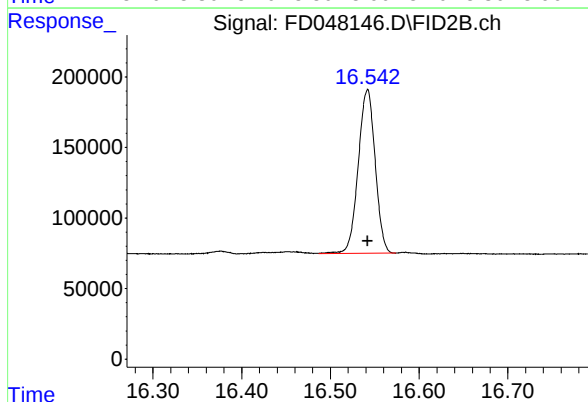
R.T.: 14.581 min
Delta R.T.: 0.000 min
Response: 1249266
Conc: 7.08 ug/ml



#15 n-Hexacosane (C26)

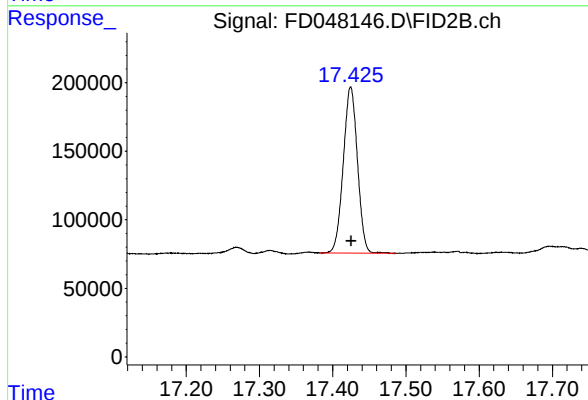
R.T.: 15.597 min
Delta R.T.: 0.000 min
Response: 1401035
Conc: 8.21 ug/ml

Instrument :
FID_D
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LOQ-WATER-02-QT3-2024



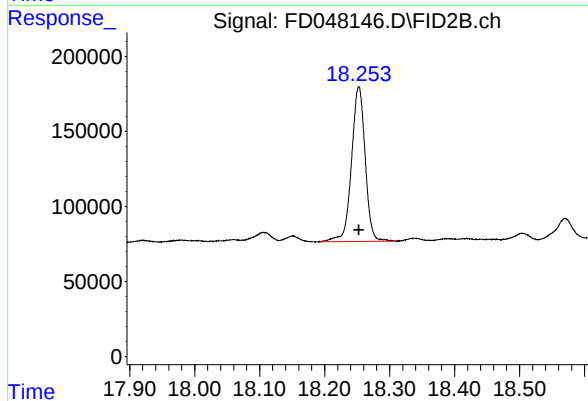
#16 n-Octacosane (C28)

R.T.: 16.542 min
Delta R.T.: 0.000 min
Response: 1537471
Conc: 9.33 ug/ml



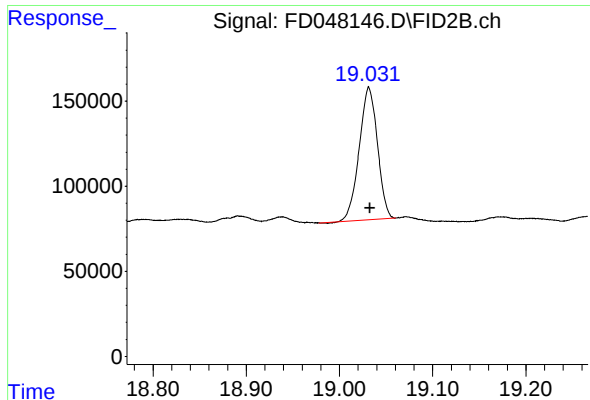
#17 n-Tricontane (C30)

R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 1628198
Conc: 9.86 ug/ml



#18 n-Dotriacontane (C32)

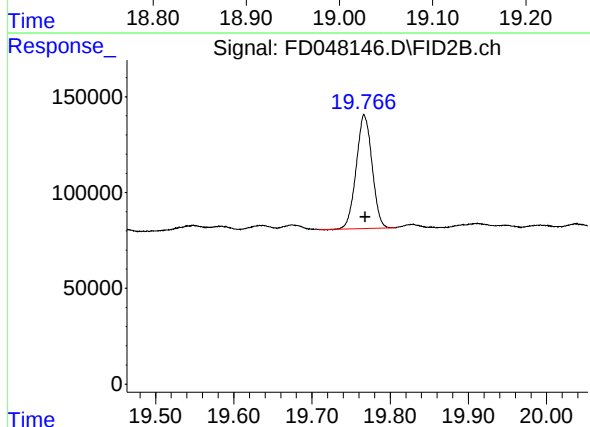
R.T.: 18.253 min
Delta R.T.: 0.000 min
Response: 1512539
Conc: 9.54 ug/ml



#19 n-Tetratriacontane (C34)

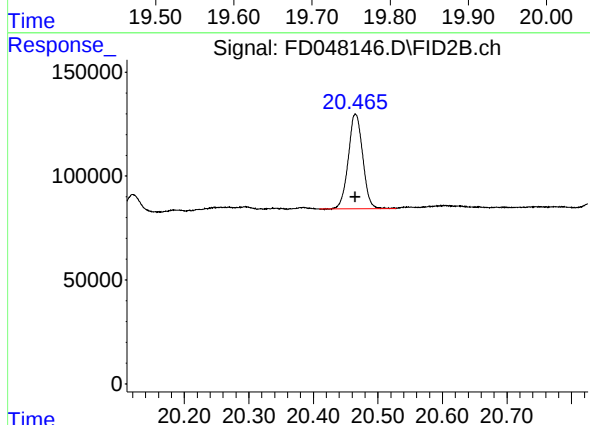
R.T.: 19.032 min
Delta R.T.: -0.001 min
Response: 1056572
Conc: 7.01 ug/ml

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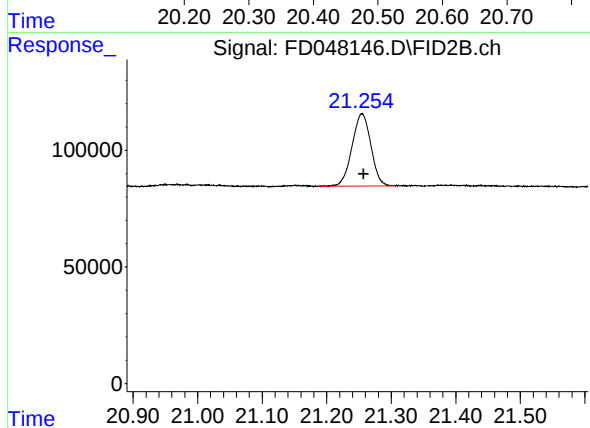
#20 n-Hexatriacontane (C36)

R.T.: 19.767 min
Delta R.T.: -0.002 min
Response: 833937
Conc: 5.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.465 min
Delta R.T.: 0.000 min
Response: 707818
Conc: 5.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.255 min
Delta R.T.: -0.003 min
Response: 628572
Conc: 4.74 ug/ml