

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048142.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 17:20
 Operator : YP/AJ
 Sample : P3390-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 74 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 03 00:09:21 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	5584772	36.577 ug/ml
Spiked Amount 50.000		Recovery =	73.15%
Target Compounds			
1) T n-Nonane (C9)	3.148	389398	2.161 ug/ml
2) T n-Decane (C10)	4.193	467584	2.523 ug/ml
4) T n-Dodecane (C12)	6.187	686405	3.662 ug/ml
6) T n-Tetradecane (C14)	7.969	653139	3.506 ug/ml
7) T n-Hexadecane (C16)	9.559	588226	3.097 ug/ml
8) T n-Octadecane (C18)	10.992	614986	3.205 ug/ml
10) T n-Eicosane (C20)	12.293	628529	3.419 ug/ml
11) T n-Heneicosane (C21)	12.902	585932	3.244 ug/ml
13) T n-Docosane (C22)	13.485	603023	3.377 ug/ml
14) T n-Tetracosane (C24)	14.581	604146	3.423 ug/ml
15) T n-Hexacosane (C26)	15.597	576647	3.379 ug/ml
16) T n-Octacosane (C28)	16.542	581601	3.528 ug/ml
17) T n-Tricontane (C30)	17.425	637788	3.861 ug/ml
18) T n-Dotriacontane (C32)	18.253	661362	4.171 ug/ml
19) T n-Tetratriacontane (C34)	19.033	619191	4.109 ug/ml
20) T n-Hexatriacontane (C36)	19.767	550454	3.876 ug/ml
21) T n-Octatriacontane (C38)	20.466	521096	3.766 ug/ml
22) T n-Tetracontane (C40)	21.254	486926	3.673 ug/ml

(f)=RT Delta > 1/2 Window

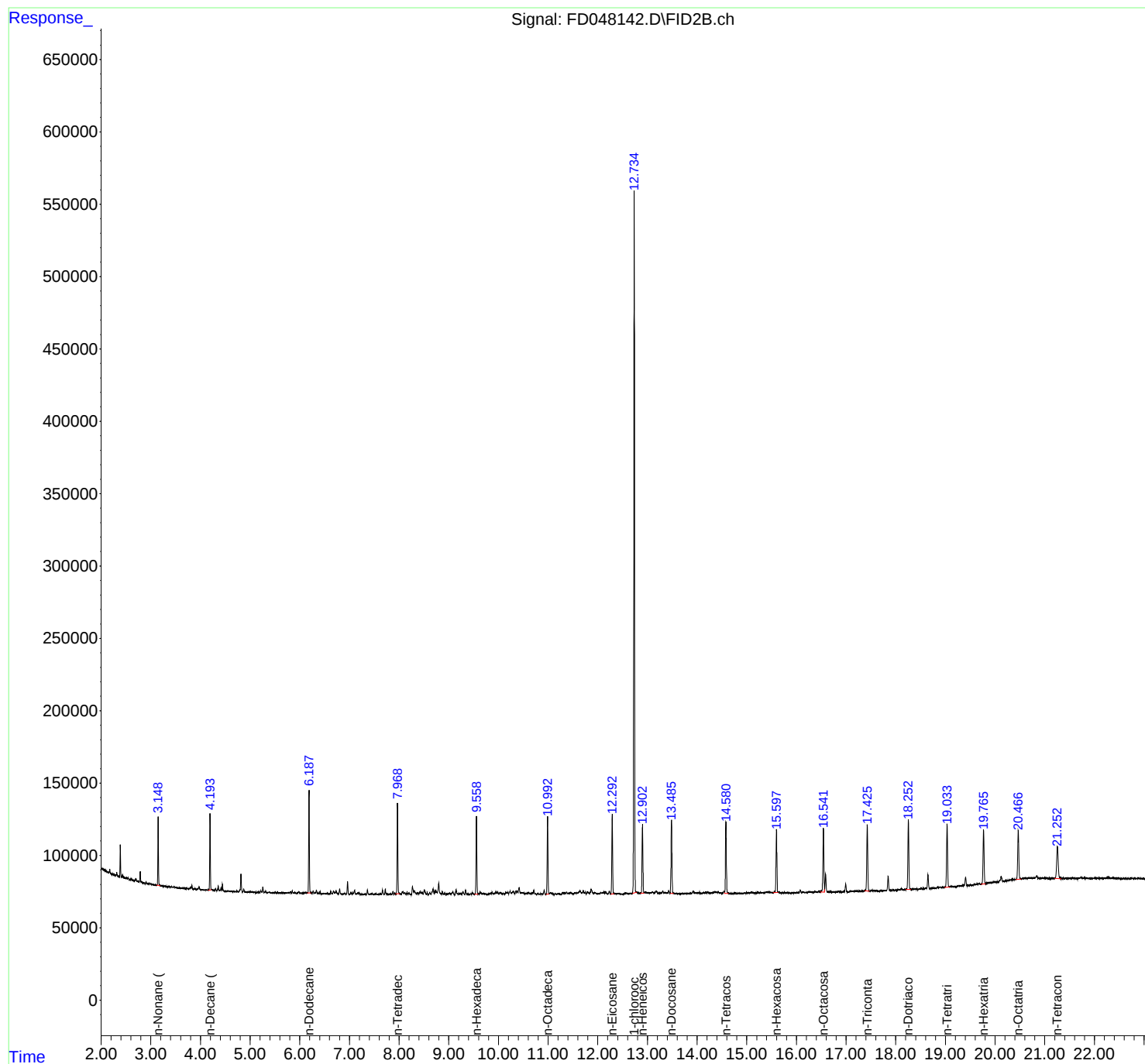
(m)=manual int.

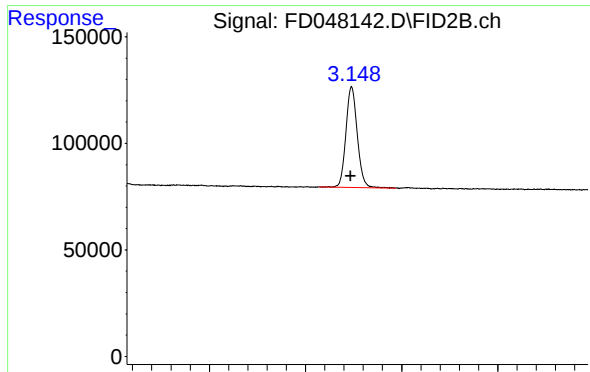
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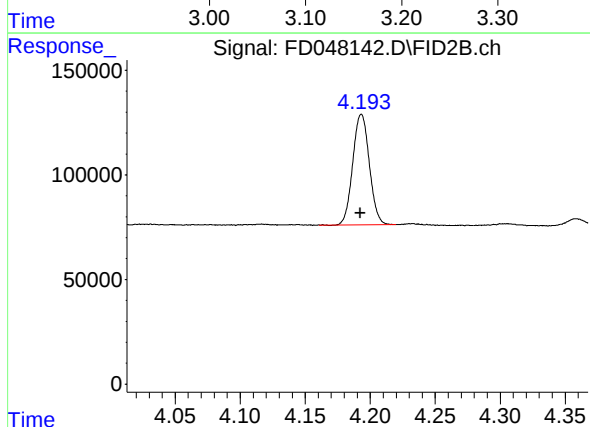




#1 n-Nonane (C9)

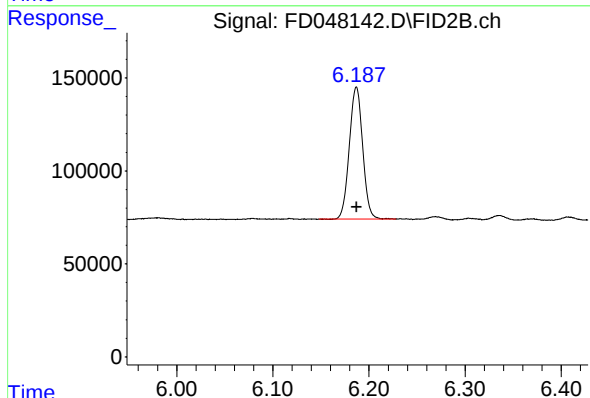
R.T.: 3.148 min
Delta R.T.: 0.001 min
Response: 389398
Conc: 2.16 ug/ml

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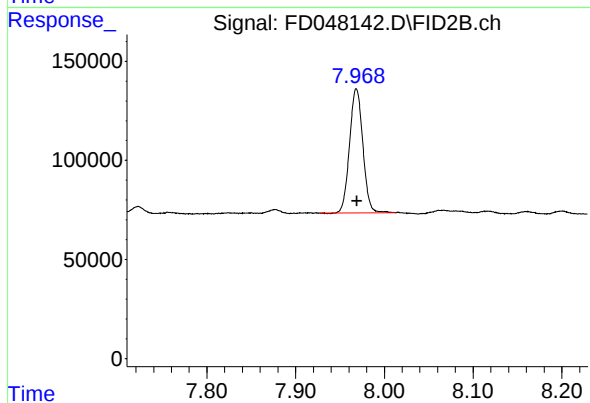
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 467584
Conc: 2.52 ug/ml



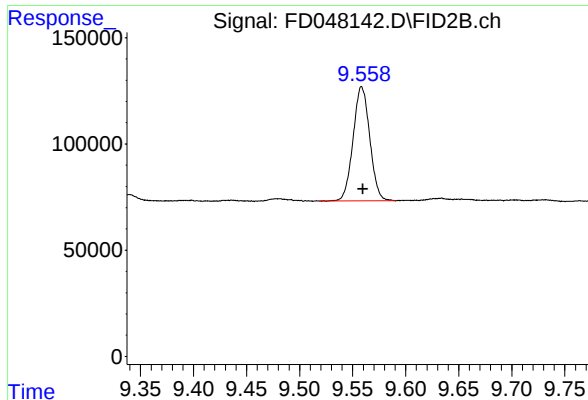
#4 n-Dodecane (C12)

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 686405
Conc: 3.66 ug/ml



#6 n-Tetradecane (C14)

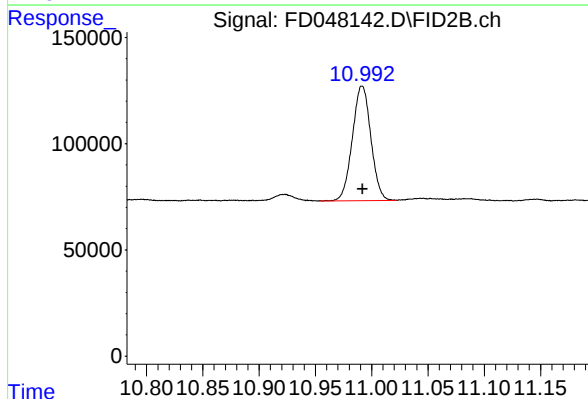
R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 653139
Conc: 3.51 ug/ml



#7 n-Hexadecane (C16)

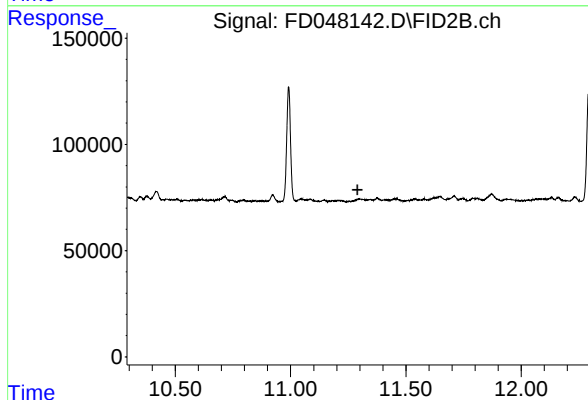
R.T.: 9.559 min
Delta R.T.: -0.001 min
Response: 588226
Conc: 3.10 ug/ml

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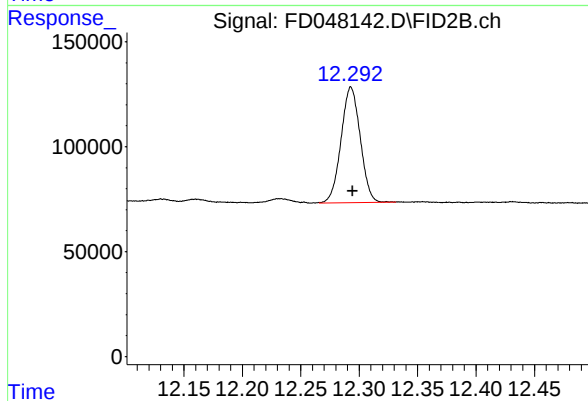
#8 n-Octadecane (C18)

R.T.: 10.992 min
Delta R.T.: 0.000 min
Response: 614986
Conc: 3.20 ug/ml



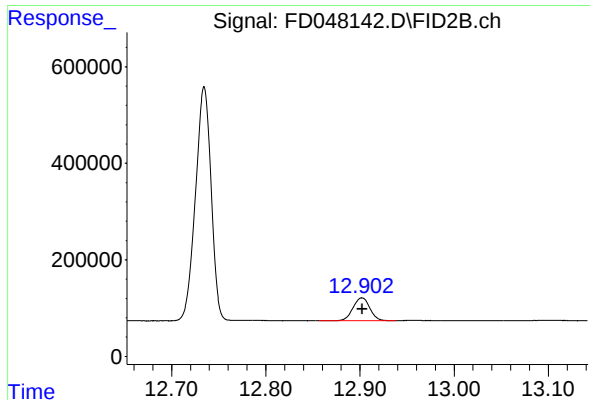
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

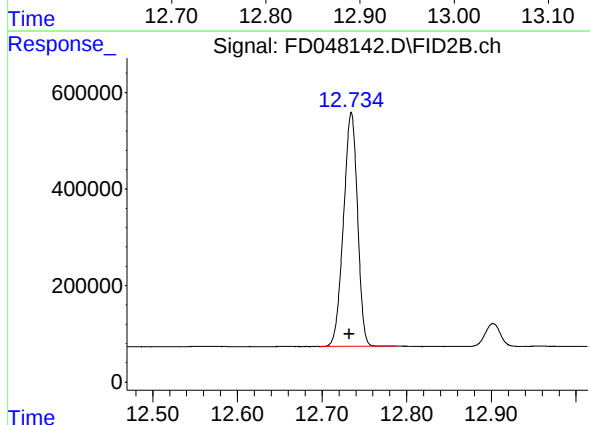
R.T.: 12.293 min
Delta R.T.: -0.001 min
Response: 628529
Conc: 3.42 ug/ml



#11 n-Heneicosane (C21)

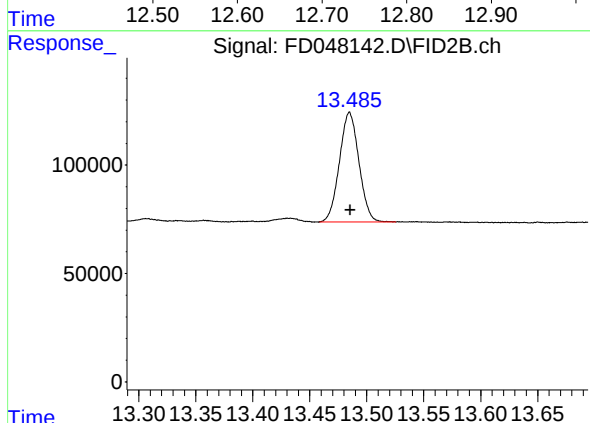
R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 585932
Conc: 3.24 ug/ml

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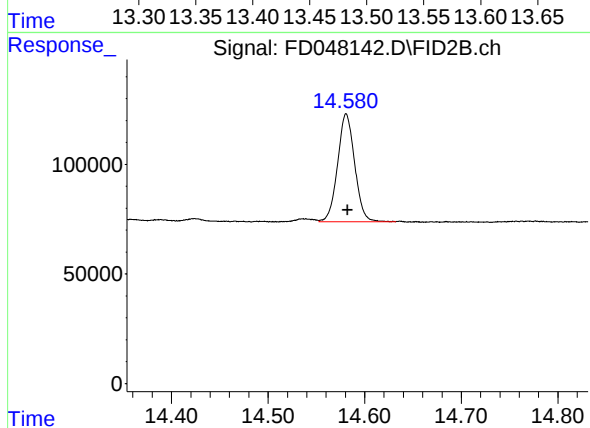
#12 1-chlorooctadecane (SURR)

R.T.: 12.735 min
Delta R.T.: 0.003 min
Response: 5584772
Conc: 36.58 ug/ml



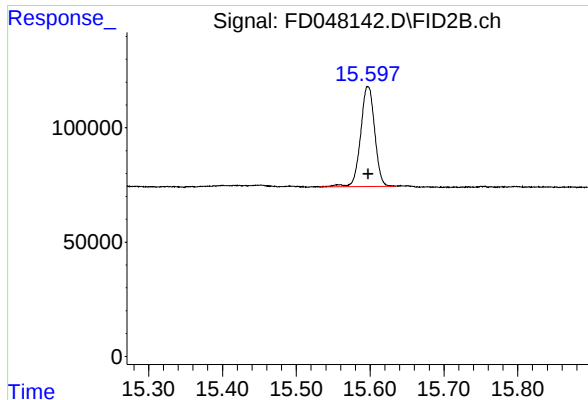
#13 n-Docosane (C22)

R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 603023
Conc: 3.38 ug/ml



#14 n-Tetracosane (C24)

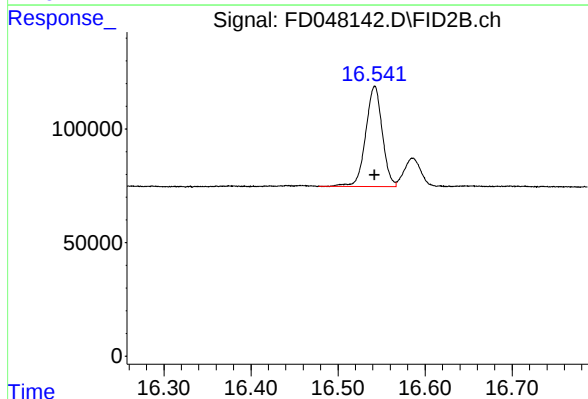
R.T.: 14.581 min
Delta R.T.: -0.001 min
Response: 604146
Conc: 3.42 ug/ml



#15 n-Hexacosane (C26)

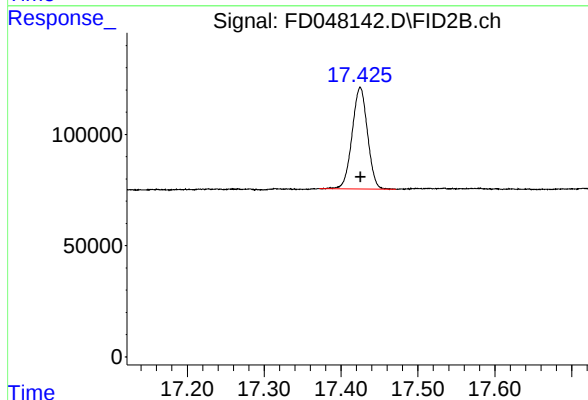
R.T.: 15.597 min
Delta R.T.: 0.000 min
Response: 576647
Conc: 3.38 ug/ml

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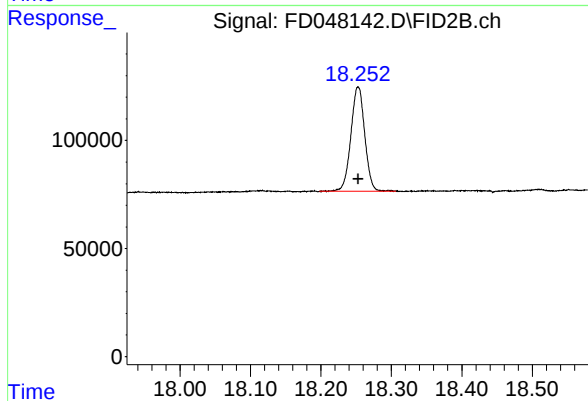
#16 n-Octacosane (C28)

R.T.: 16.542 min
Delta R.T.: 0.000 min
Response: 581601
Conc: 3.53 ug/ml



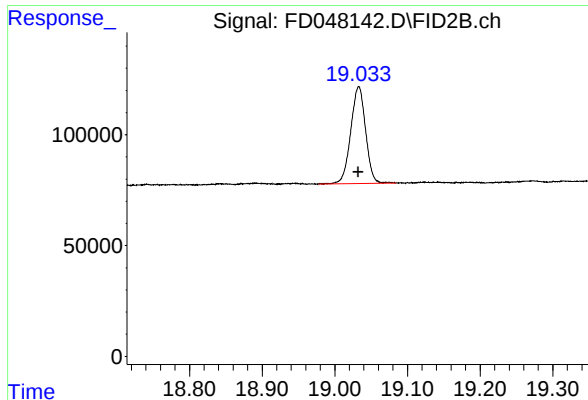
#17 n-Tricontane (C30)

R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 637788
Conc: 3.86 ug/ml



#18 n-Dotriacontane (C32)

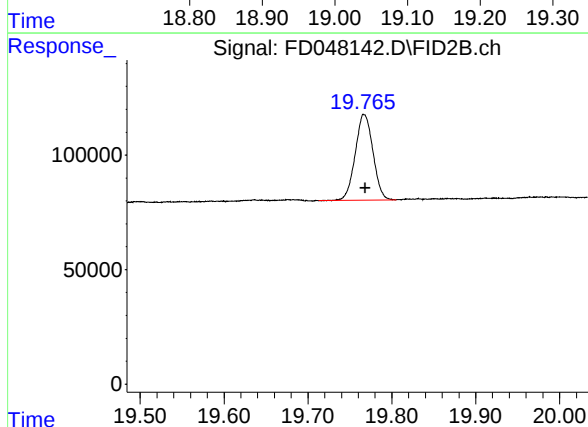
R.T.: 18.253 min
Delta R.T.: 0.000 min
Response: 661362
Conc: 4.17 ug/ml



#19 n-Tetratriacontane (C34)

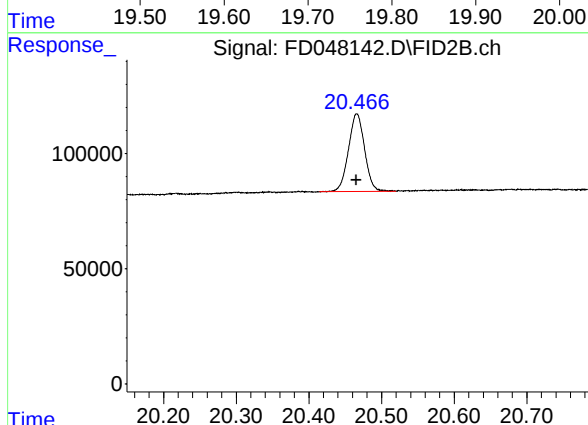
R.T.: 19.033 min
Delta R.T.: 0.000 min
Response: 619191
Conc: 4.11 ug/ml

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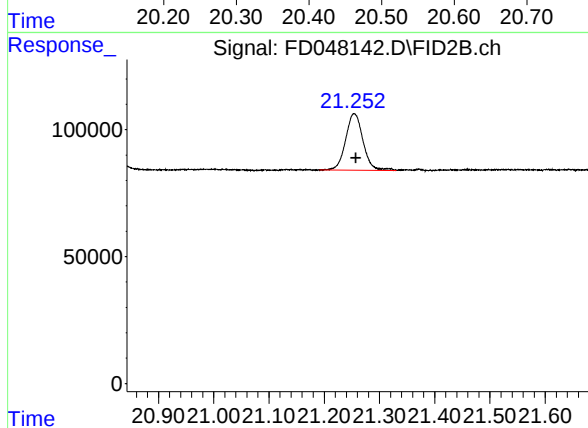
#20 n-Hexatriacontane (C36)

R.T.: 19.767 min
Delta R.T.: -0.001 min
Response: 550454
Conc: 3.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 521096
Conc: 3.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.254 min
Delta R.T.: -0.003 min
Response: 486926
Conc: 3.67 ug/ml