

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090922AL\
 Data File : FD043846.D
 Signal(s) : FID2B.ch
 Acq On : 09 Sep 2022 14:28
 Operator : YP/AJ
 Sample : N3980-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Integration File: autoint1.e
 Quant Time: Sep 12 03:08:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 2022
 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	4134006	31.069 ug/ml
Spiked Amount 50.000		Recovery =	62.14%
Target Compounds			
1) T n-Nonane (C9)	3.152	257865	1.791 ug/ml
2) T n-Decane (C10)	4.201	332644	2.294 ug/ml
4) T n-Dodecane (C12)	6.197	431593	2.885 ug/ml
6) T n-Tetradecane (C14)	7.976	477048	3.161 ug/ml
7) T n-Hexadecane (C16)	9.564	468422	3.063 ug/ml
8) T n-Octadecane (C18)	10.993	543109	3.445 ug/ml
10) T n-Eicosane (C20)	12.292	571012	3.569 ug/ml
11) T n-Heneicosane (C21)	12.898	598499	3.710 ug/ml
13) T n-Docosane (C22)	13.479	601717	3.742 ug/ml
14) T n-Tetracosane (C24)	14.571	601828	3.798 ug/ml
15) T n-Hexacosane (C26)	15.583	594593	3.818 ug/ml
16) T n-Octacosane (C28)	16.522	597280	3.945 ug/ml
17) T n-Tricontane (C30)	17.400	617134	4.142 ug/ml
18) T n-Dotriacontane (C32)	18.223	604879	4.237 ug/ml
19) T n-Tetratriacontane (C34)	18.997	544980	4.170 ug/ml
20) T n-Hexatriacontane (C36)	19.729	482546	3.899 ug/ml
21) T n-Octatriacontane (C38)	20.422	436440	3.736 ug/ml
22) T n-Tetracontane (C40)	21.186	401386	3.632 ug/ml

(f)=RT Delta > 1/2 Window

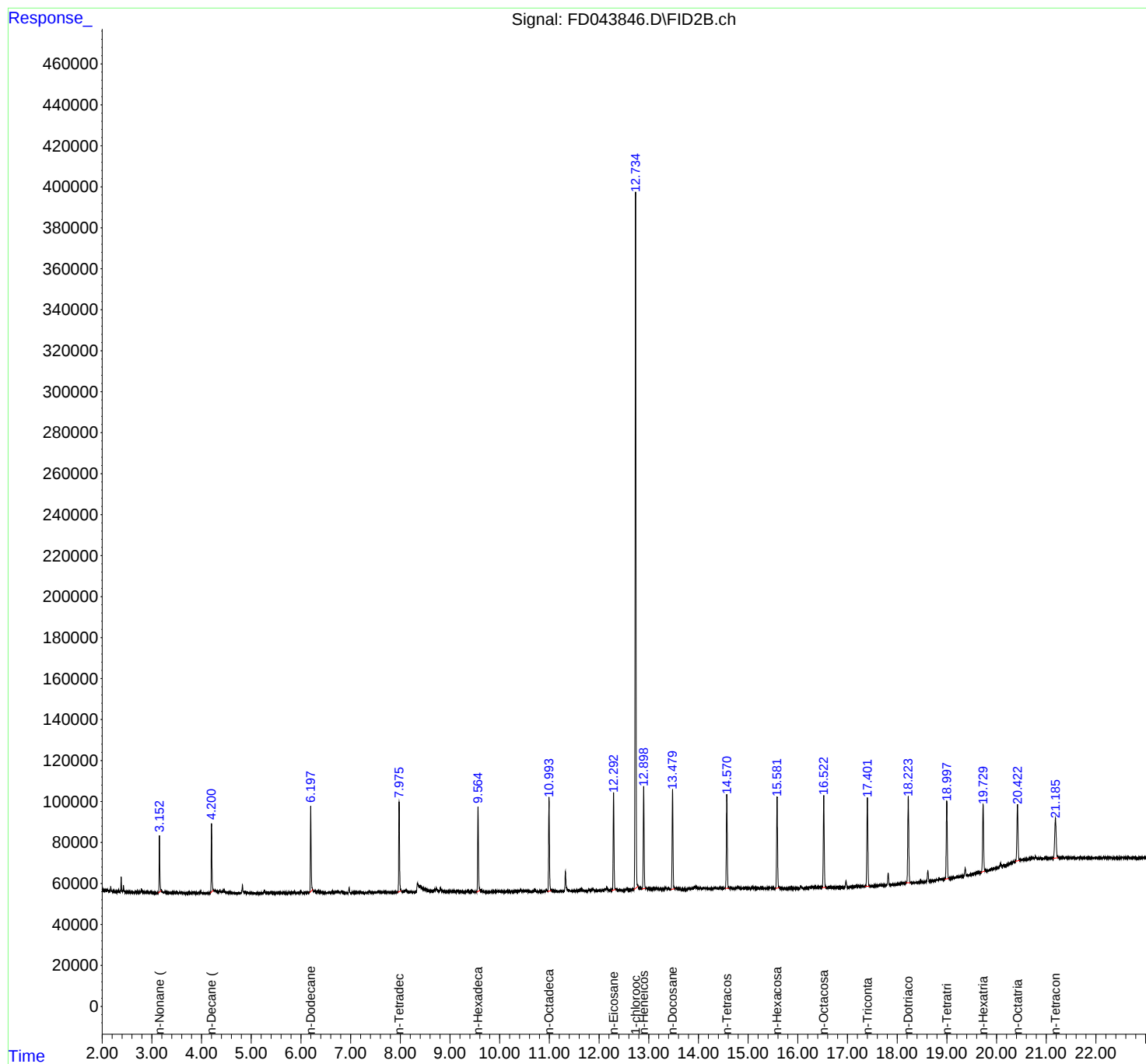
(m)=manual int.

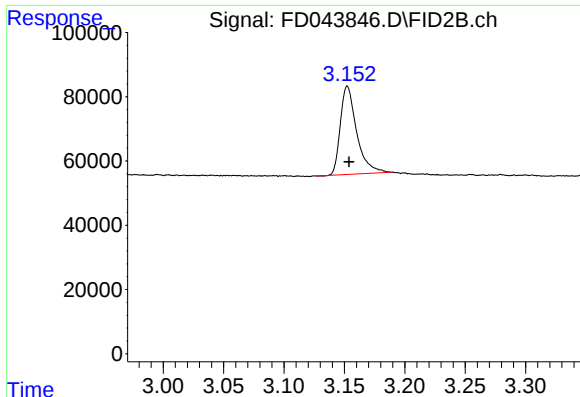
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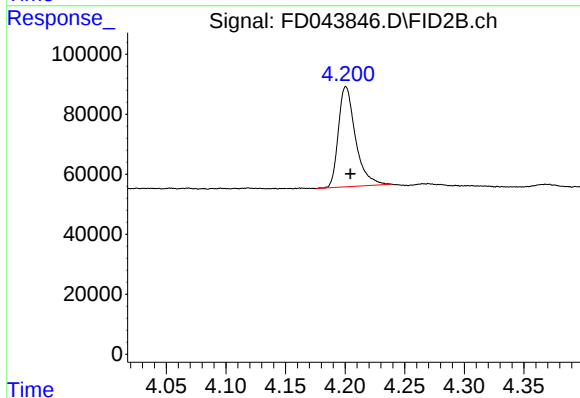




#1 n-Nonane (C9)

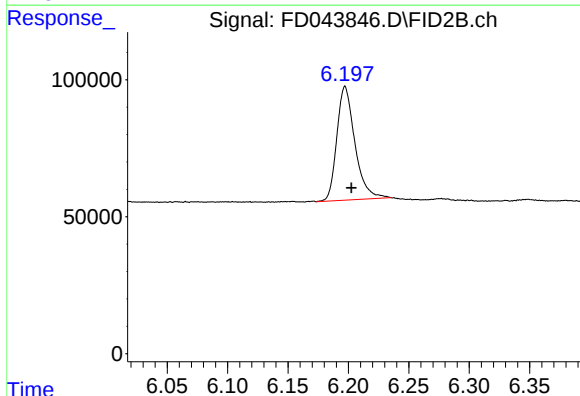
R.T.: 3.152 min
Delta R.T.: -0.002 min
Response: 257865
Conc: 1.79 ug/ml

Instrument :
FID_D
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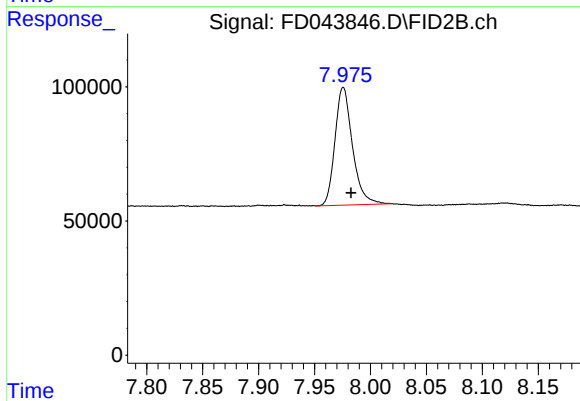
#2 n-Decane (C10)

R.T.: 4.201 min
Delta R.T.: -0.004 min
Response: 332644
Conc: 2.29 ug/ml



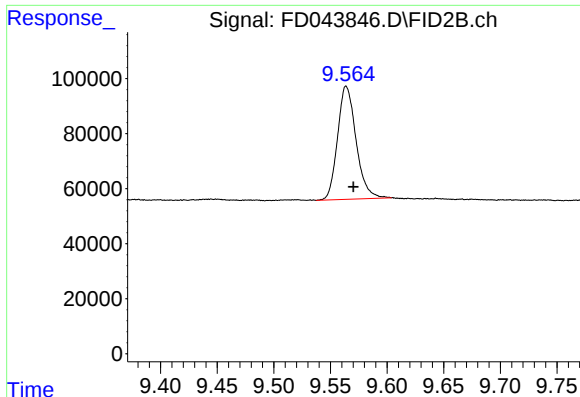
#4 n-Dodecane (C12)

R.T.: 6.197 min
Delta R.T.: -0.005 min
Response: 431593
Conc: 2.89 ug/ml



#6 n-Tetradecane (C14)

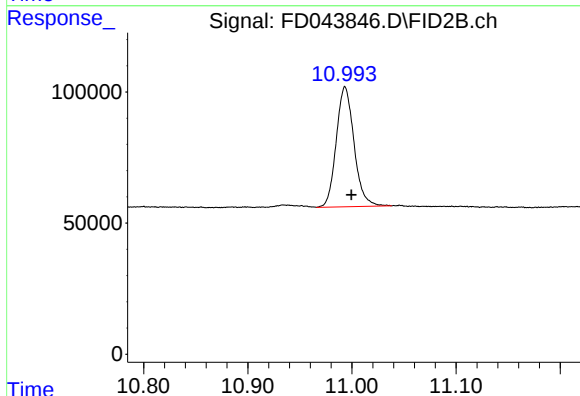
R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 477048
Conc: 3.16 ug/ml



#7 n-Hexadecane (C16)

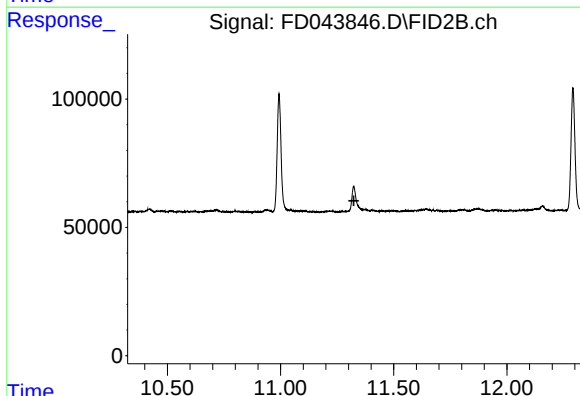
R.T.: 9.564 min
Delta R.T.: -0.006 min
Response: 468422
Conc: 3.06 ug/ml

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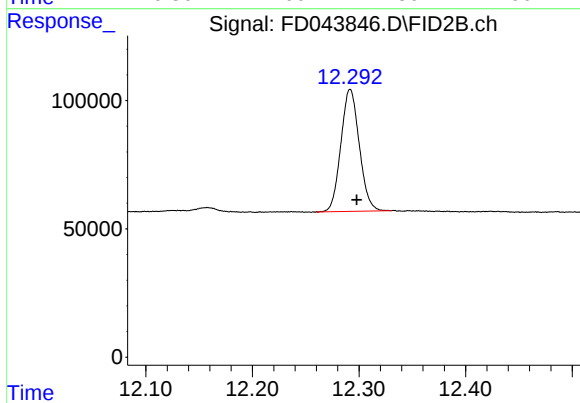
#8 n-Octadecane (C18)

R.T.: 10.993 min
Delta R.T.: -0.006 min
Response: 543109
Conc: 3.44 ug/ml



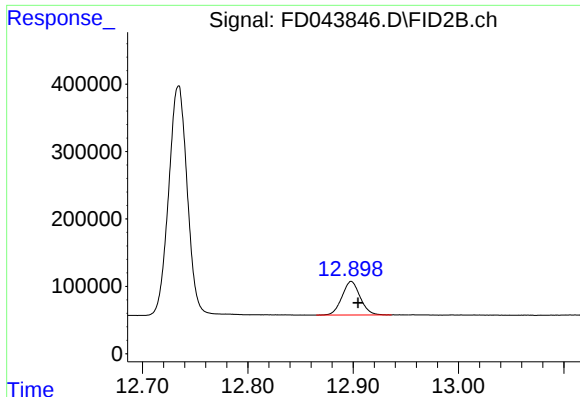
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.324 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

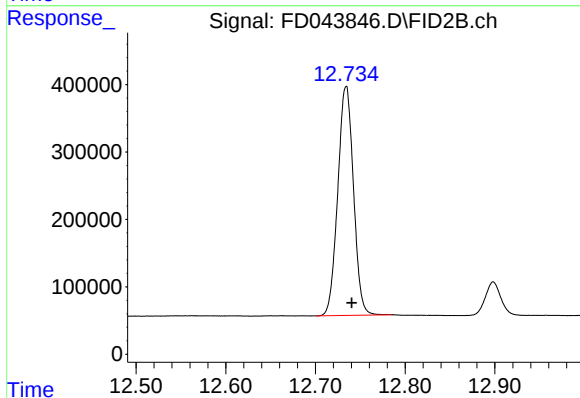
R.T.: 12.292 min
Delta R.T.: -0.006 min
Response: 571012
Conc: 3.57 ug/ml



#11 n-Heneicosane (C21)

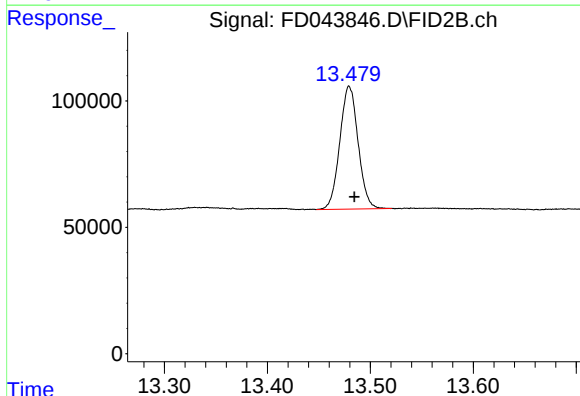
R.T.: 12.898 min
Delta R.T.: -0.007 min
Response: 598499
Conc: 3.71 ug/ml

Instrument :
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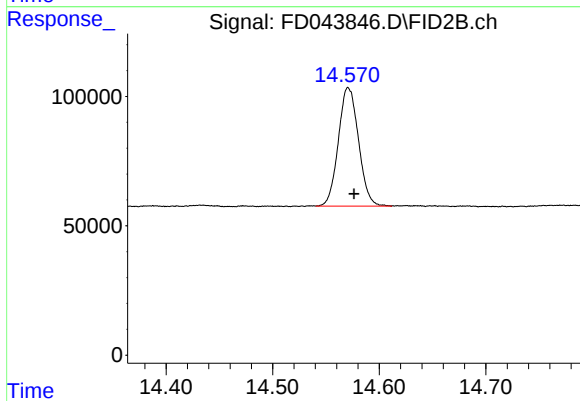
#12 1-chlorooctadecane (SURR)

R.T.: 12.734 min
Delta R.T.: -0.006 min
Response: 4134006
Conc: 31.07 ug/ml



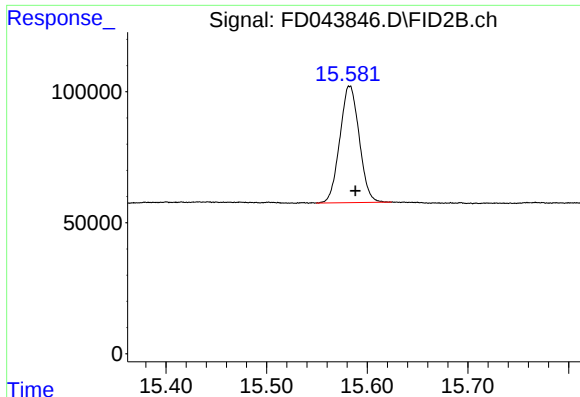
#13 n-Docosane (C22)

R.T.: 13.479 min
Delta R.T.: -0.005 min
Response: 601717
Conc: 3.74 ug/ml



#14 n-Tetracosane (C24)

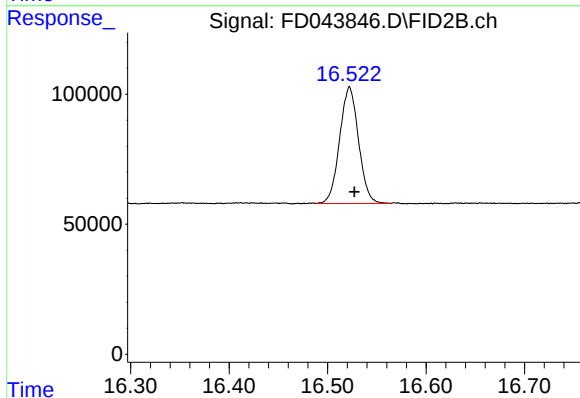
R.T.: 14.571 min
Delta R.T.: -0.006 min
Response: 601828
Conc: 3.80 ug/ml



#15 n-Hexacosane (C26)

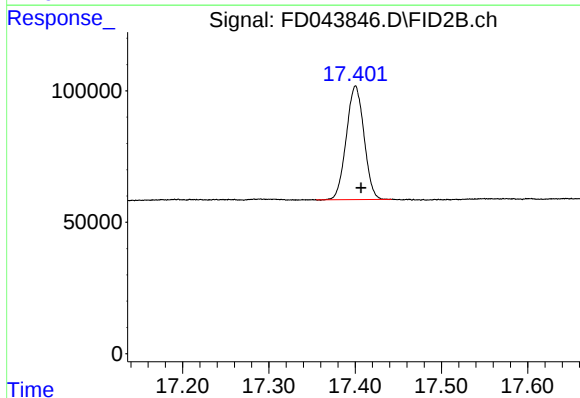
R.T.: 15.583 min
Delta R.T.: -0.006 min
Response: 594593
Conc: 3.82 ug/ml

Instrument :
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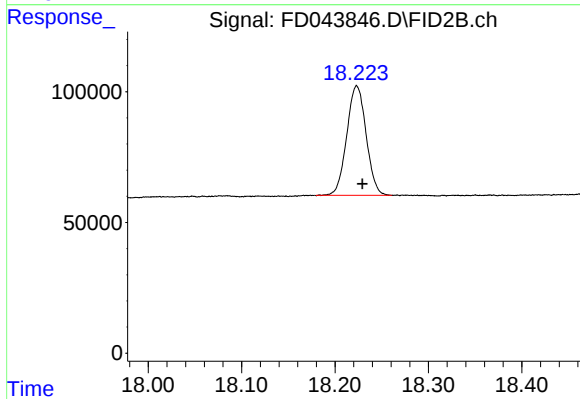
#16 n-Octacosane (C28)

R.T.: 16.522 min
Delta R.T.: -0.005 min
Response: 597280
Conc: 3.94 ug/ml



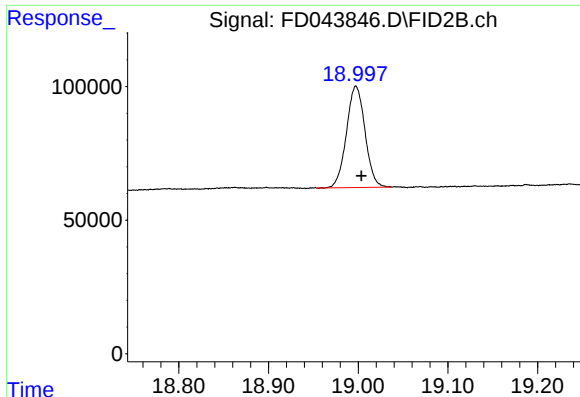
#17 n-Tricontane (C30)

R.T.: 17.400 min
Delta R.T.: -0.006 min
Response: 617134
Conc: 4.14 ug/ml



#18 n-Dotriacontane (C32)

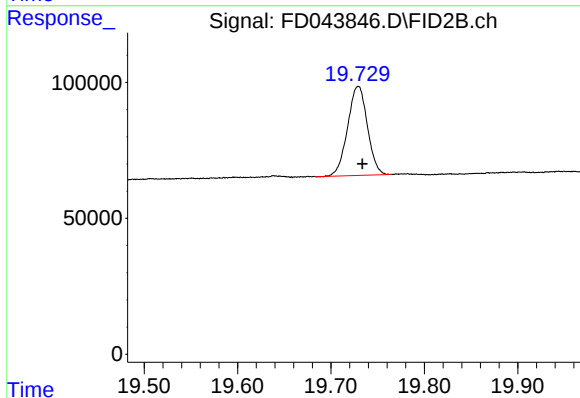
R.T.: 18.223 min
Delta R.T.: -0.006 min
Response: 604879
Conc: 4.24 ug/ml



#19 n-Tetratriacontane (C34)

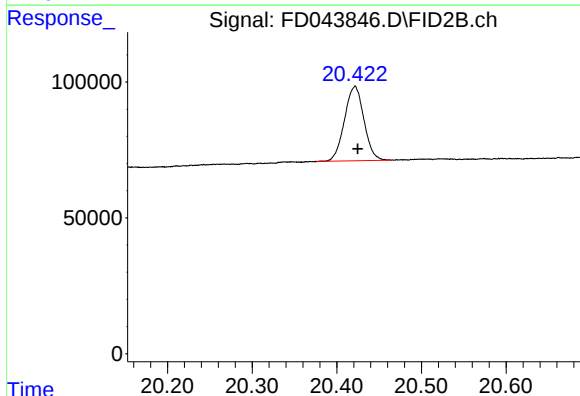
R.T.: 18.997 min
Delta R.T.: -0.006 min
Response: 544980
Conc: 4.17 ug/ml

Instrument :
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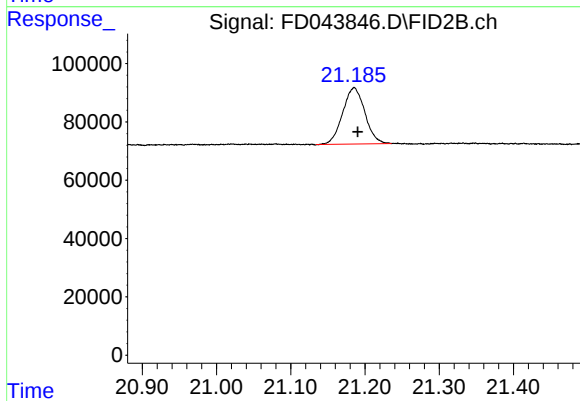
#20 n-Hexatriacontane (C36)

R.T.: 19.729 min
Delta R.T.: -0.004 min
Response: 482546
Conc: 3.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.422 min
Delta R.T.: -0.003 min
Response: 436440
Conc: 3.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.186 min
Delta R.T.: -0.005 min
Response: 401386
Conc: 3.63 ug/ml