

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090922AL\
 Data File : FD043847.D
 Signal(s) : FID2B.ch
 Acq On : 09 Sep 2022 15:17
 Operator : YP/AJ
 Sample : N3980-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Sep 12 03:08:47 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...	12.736	4712130	35.414 ug/ml
Spiked Amount 50.000		Recovery =	70.83%
Target Compounds			
1) T n-Nonane (C9)	3.152	295761	2.054 ug/ml
2) T n-Decane (C10)	4.201	372695	2.570 ug/ml
4) T n-Dodecane (C12)	6.198	501020	3.349 ug/ml
6) T n-Tetradecane (C14)	7.977	533320	3.534 ug/ml
7) T n-Hexadecane (C16)	9.564	528149	3.453 ug/ml
8) T n-Octadecane (C18)	10.994	611175	3.876 ug/ml
10) T n-Eicosane (C20)	12.293	653335	4.083 ug/ml
11) T n-Heneicosane (C21)	12.899	673140	4.173 ug/ml
13) T n-Docosane (C22)	13.480	694543	4.320 ug/ml
14) T n-Tetracosane (C24)	14.571	700723	4.422 ug/ml
15) T n-Hexacosane (C26)	15.583	689321	4.426 ug/ml
16) T n-Octacosane (C28)	16.522	696191	4.598 ug/ml
17) T n-Tricontane (C30)	17.399	715205	4.800 ug/ml
18) T n-Dotriacontane (C32)	18.223	697290	4.885 ug/ml
19) T n-Tetratriacontane (C34)	18.998	623129	4.768 ug/ml
20) T n-Hexatriacontane (C36)	19.729	553284	4.470 ug/ml
21) T n-Octatriacontane (C38)	20.421	495831	4.244 ug/ml
22) T n-Tetracontane (C40)	21.186	465022	4.207 ug/ml

(f)=RT Delta > 1/2 Window

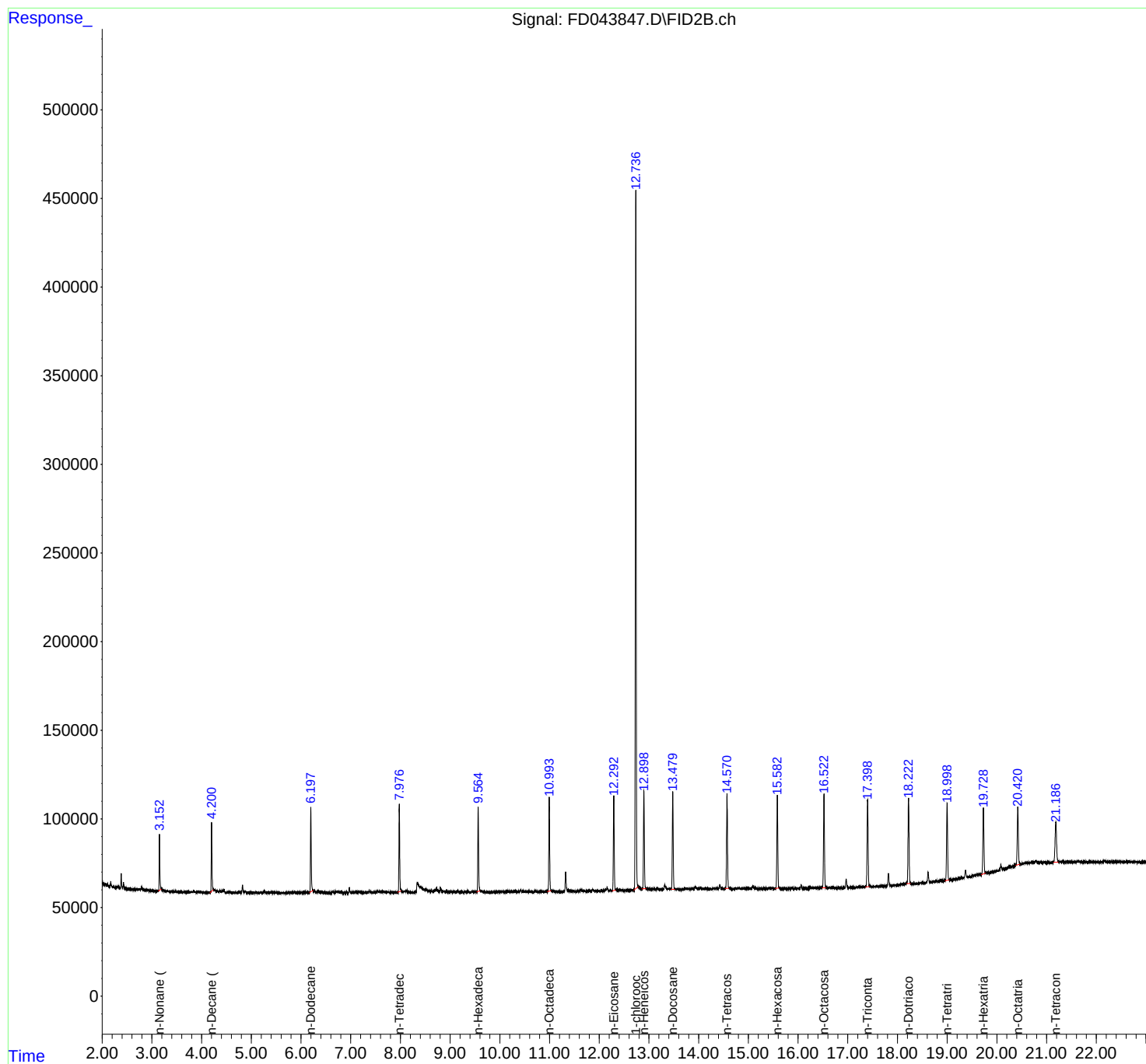
(m)=manual int.

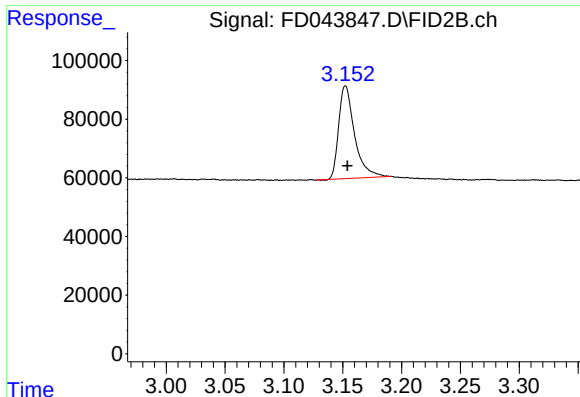
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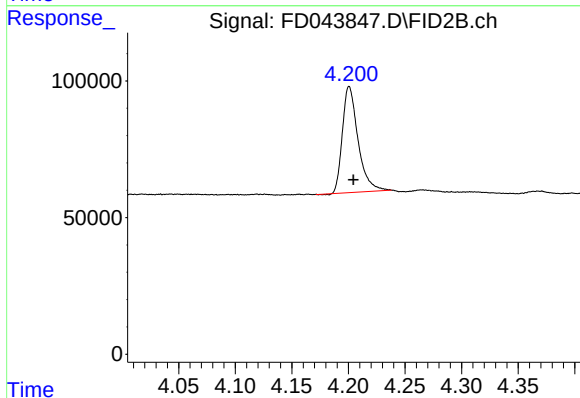




#1 n-Nonane (C9)

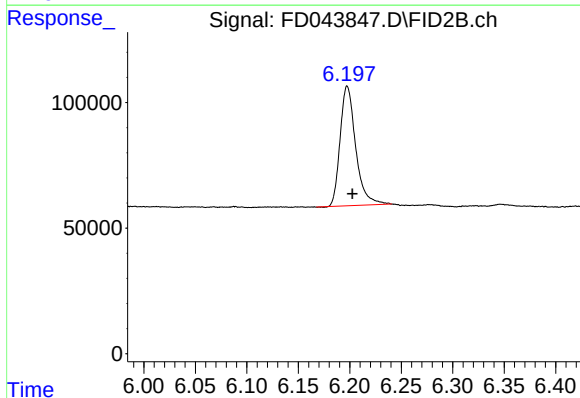
R.T.: 3.152 min
Delta R.T.: -0.002 min
Response: 295761
Conc: 2.05 ug/ml

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



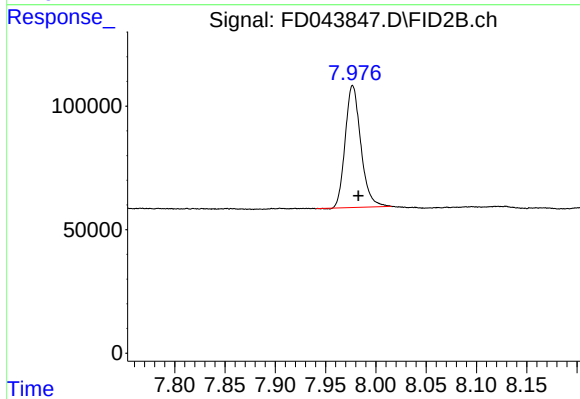
#2 n-Decane (C10)

R.T.: 4.201 min
Delta R.T.: -0.004 min
Response: 372695
Conc: 2.57 ug/ml



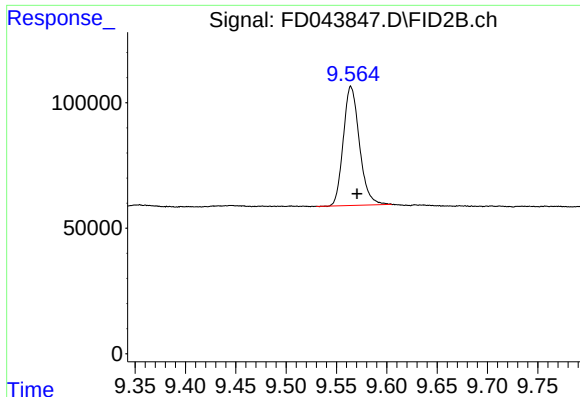
#4 n-Dodecane (C12)

R.T.: 6.198 min
Delta R.T.: -0.005 min
Response: 501020
Conc: 3.35 ug/ml



#6 n-Tetradecane (C14)

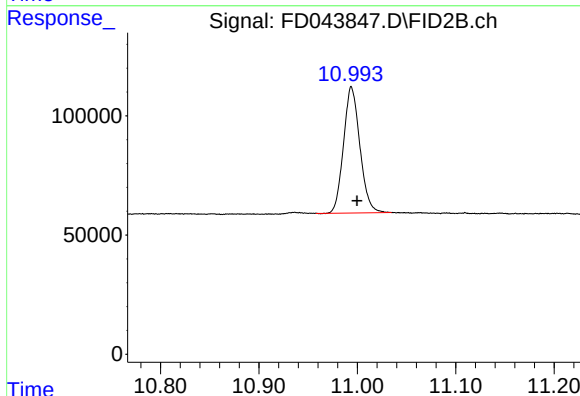
R.T.: 7.977 min
Delta R.T.: -0.006 min
Response: 533320
Conc: 3.53 ug/ml



#7 n-Hexadecane (C16)

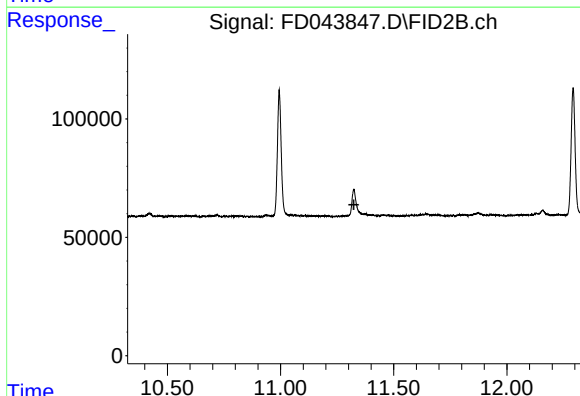
R.T.: 9.564 min
Delta R.T.: -0.006 min
Response: 528149
Conc: 3.45 ug/ml

Instrument :
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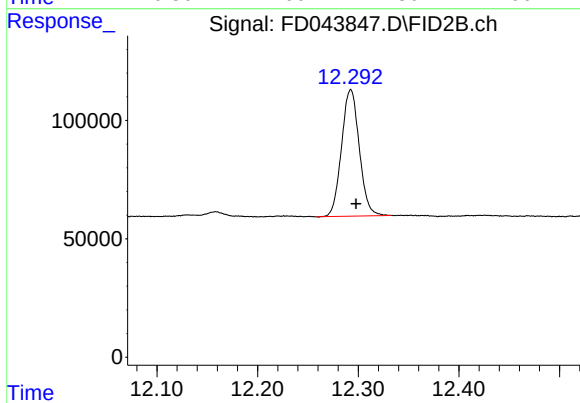
#8 n-Octadecane (C18)

R.T.: 10.994 min
Delta R.T.: -0.006 min
Response: 611175
Conc: 3.88 ug/ml



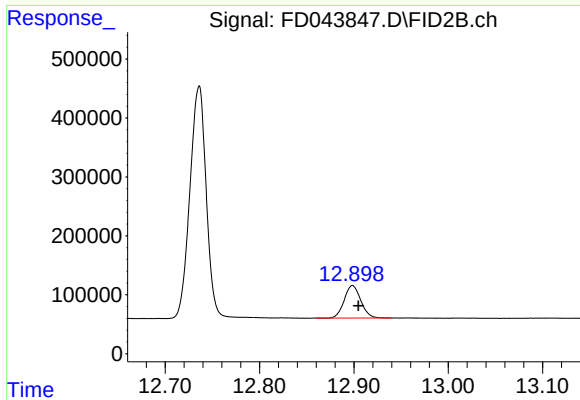
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

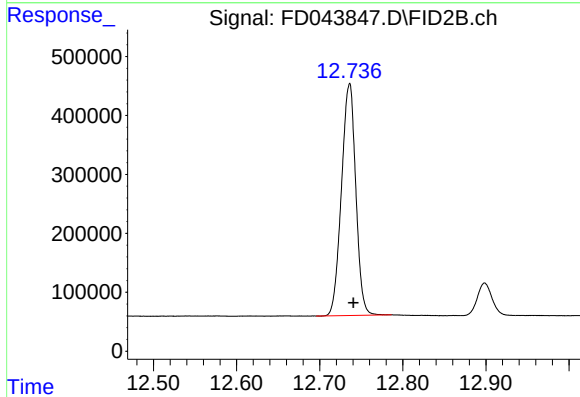
R.T.: 12.293 min
Delta R.T.: -0.005 min
Response: 653335
Conc: 4.08 ug/ml



#11 n-Heneicosane (C21)

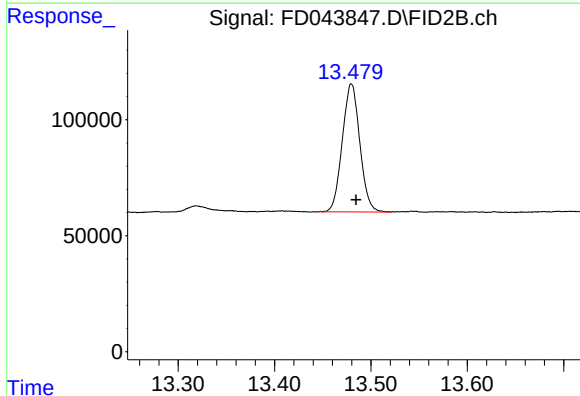
R.T.: 12.899 min
Delta R.T.: -0.006 min
Response: 673140
Conc: 4.17 ug/ml

Instrument :
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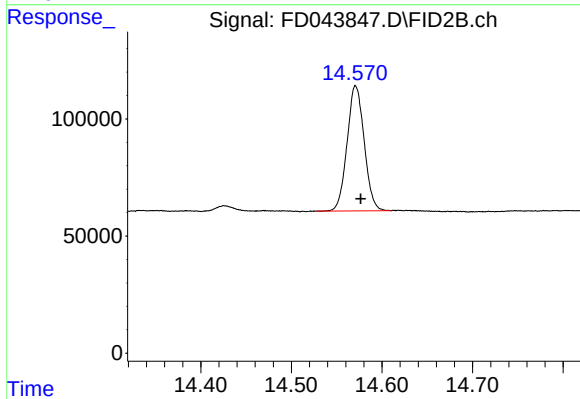
#12 1-chlorooctadecane (SURR)

R.T.: 12.736 min
Delta R.T.: -0.005 min
Response: 4712130
Conc: 35.41 ug/ml



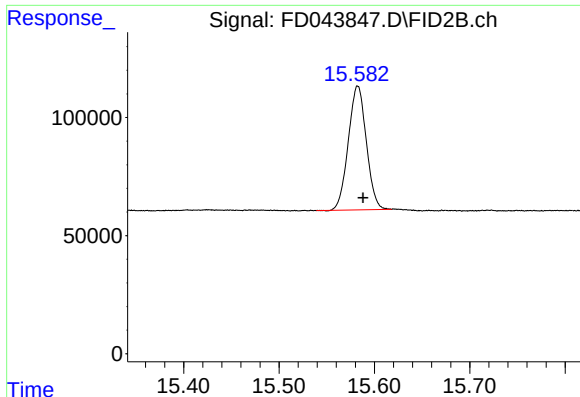
#13 n-Docosane (C22)

R.T.: 13.480 min
Delta R.T.: -0.005 min
Response: 694543
Conc: 4.32 ug/ml



#14 n-Tetracosane (C24)

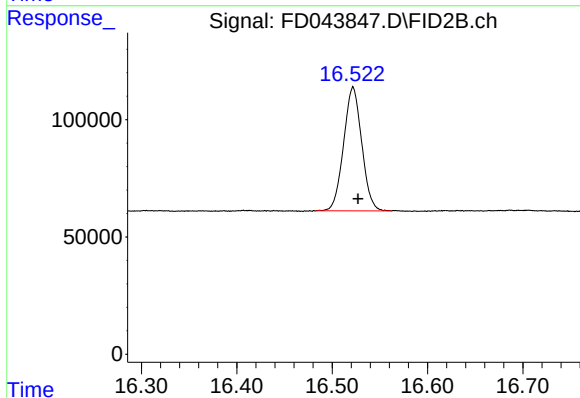
R.T.: 14.571 min
Delta R.T.: -0.006 min
Response: 700723
Conc: 4.42 ug/ml



#15 n-Hexacosane (C26)

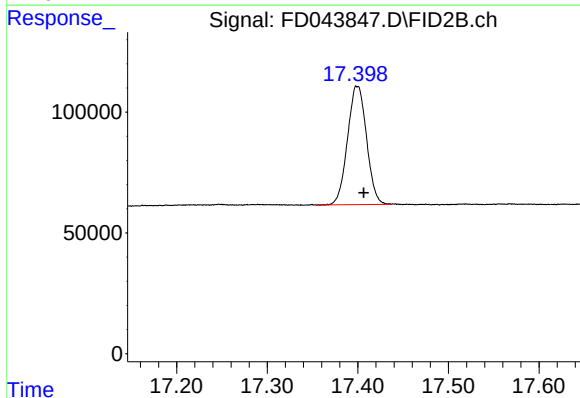
R.T.: 15.583 min
Delta R.T.: -0.006 min
Response: 689321
Conc: 4.43 ug/ml

Instrument :
FID_D
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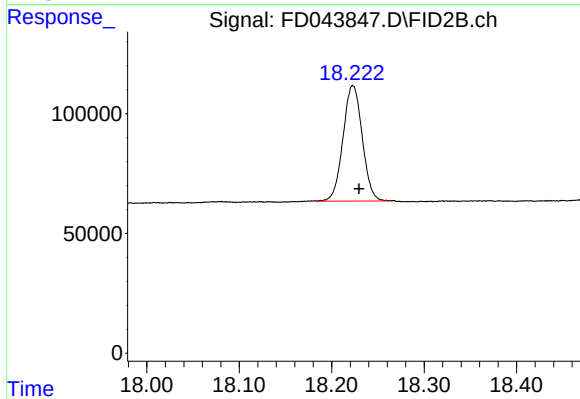
#16 n-Octacosane (C28)

R.T.: 16.522 min
Delta R.T.: -0.005 min
Response: 696191
Conc: 4.60 ug/ml



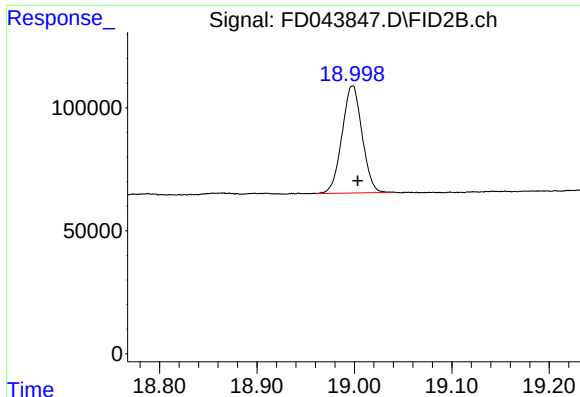
#17 n-Tricontane (C30)

R.T.: 17.399 min
Delta R.T.: -0.007 min
Response: 715205
Conc: 4.80 ug/ml



#18 n-Dotriacontane (C32)

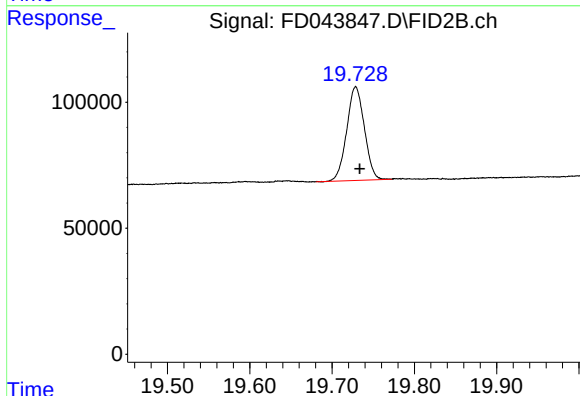
R.T.: 18.223 min
Delta R.T.: -0.007 min
Response: 697290
Conc: 4.88 ug/ml



#19 n-Tetratriacontane (C34)

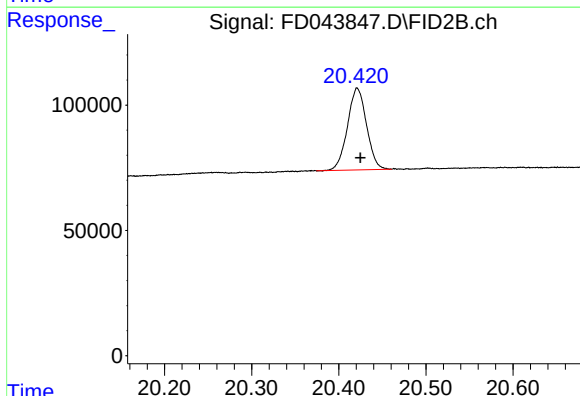
R.T.: 18.998 min
Delta R.T.: -0.005 min
Response: 623129
Conc: 4.77 ug/ml

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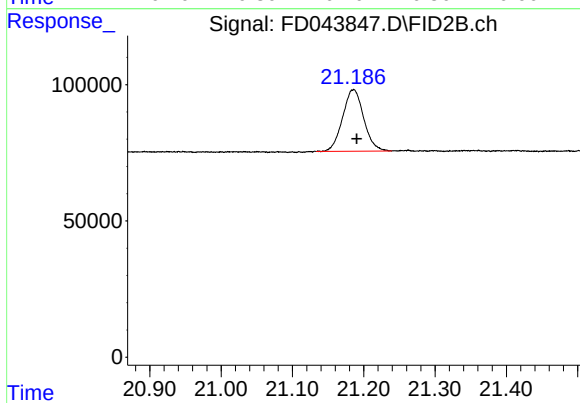
#20 n-Hexatriacontane (C36)

R.T.: 19.729 min
Delta R.T.: -0.005 min
Response: 553284
Conc: 4.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.421 min
Delta R.T.: -0.004 min
Response: 495831
Conc: 4.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.186 min
Delta R.T.: -0.004 min
Response: 465022
Conc: 4.21 ug/ml