

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080823AL\
 Data File : FD046306.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2023 22:24
 Operator : YP/AJ
 Sample : 03572-09
 Misc : AL MDL 2.5 PPM
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 09 01:43:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 2023
 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...	12.830	6645321	55.228 ug/ml
Spiked Amount 50.000		Recovery =	110.46%
Target Compounds			
1) T n-Nonane (C9)	3.226	360875	2.289 ug/ml
2) T n-Decane (C10)	4.278	345023	2.148 ug/ml
4) T n-Dodecane (C12)	6.279	354597	2.194 ug/ml
6) T n-Tetradecane (C14)	8.062	356195	2.239 ug/ml
7) T n-Hexadecane (C16)	9.653	366091	2.250 ug/ml
8) T n-Octadecane (C18)	11.086	388464	2.408 ug/ml
10) T n-Eicosane (C20)	12.387	390968	2.619 ug/ml
11) T n-Heneicosane (C21)	12.995	395549	2.740 ug/ml
13) T n-Docosane (C22)	13.577	401854	2.876 ug/ml
14) T n-Tetracosane (C24)	14.672	397394	2.886 ug/ml
15) T n-Hexacosane (C26)	15.685	409688	3.205 ug/ml
16) T n-Octacosane (C28)	16.627	417841	3.432 ug/ml
17) T n-Tricontane (C30)	17.507	445655	3.601 ug/ml
18) T n-Dotriacontane (C32)	18.333	428266	3.507 ug/ml
19) T n-Tetratriacontane (C34)	19.110	396195	3.097 ug/ml
20) T n-Hexatriacontane (C36)	19.843	361414	3.156 ug/ml
21) T n-Octatriacontane (C38)	20.543	315714	2.804 ug/ml
22) T n-Tetracontane (C40)	21.359	300001	2.797 ug/ml

(f)=RT Delta > 1/2 Window

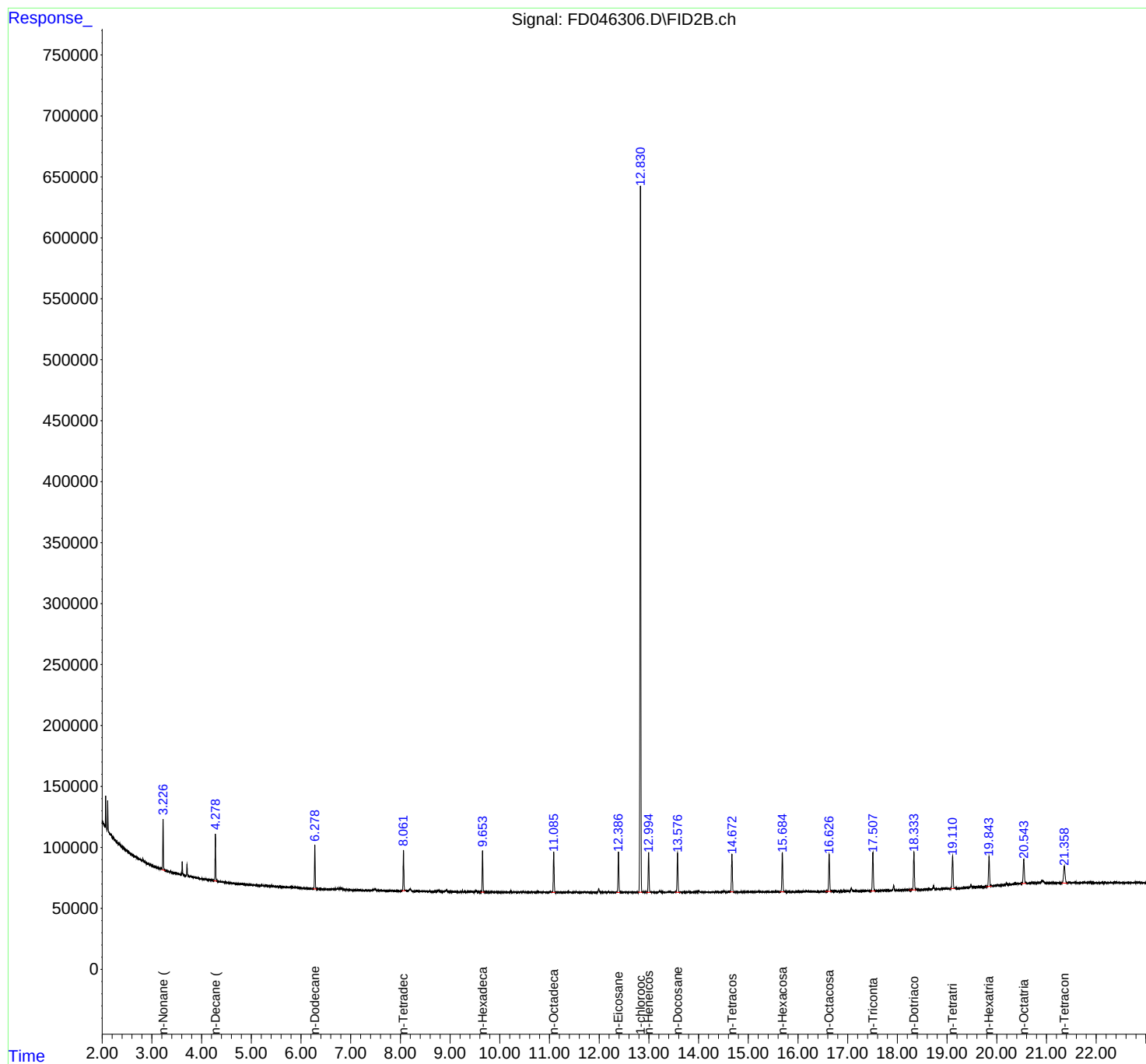
(m)=manual int.

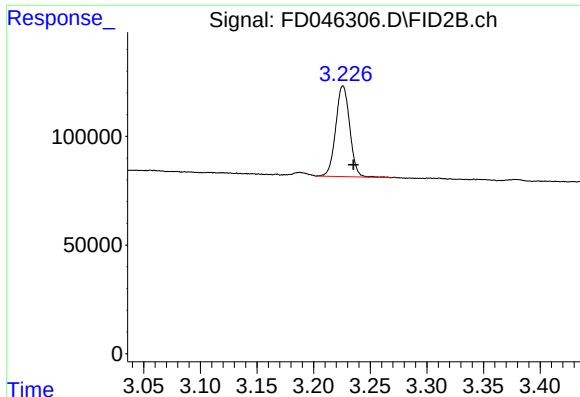
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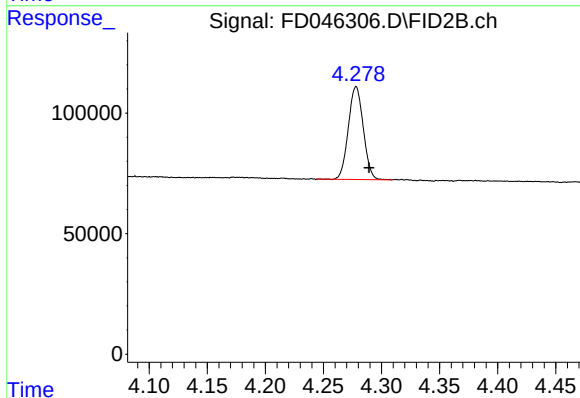




#1 n-Nonane (C9)

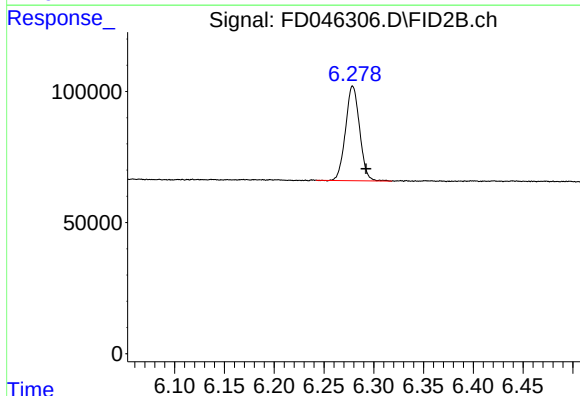
R.T.: 3.226 min
Delta R.T.: -0.009 min
Response: 360875
Conc: 2.29 ug/ml

Instrument :
FID_D
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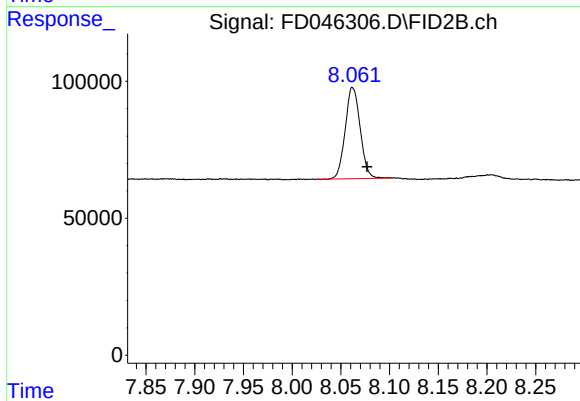
#2 n-Decane (C10)

R.T.: 4.278 min
Delta R.T.: -0.011 min
Response: 345023
Conc: 2.15 ug/ml



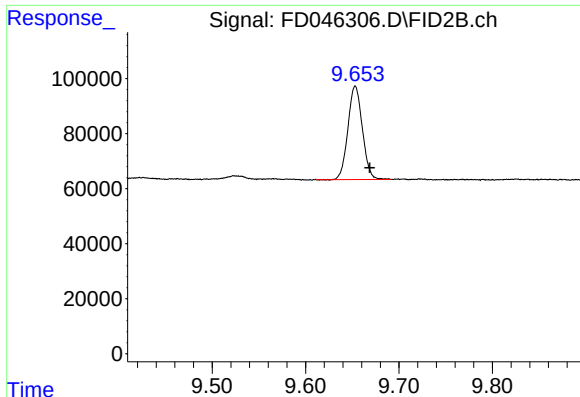
#4 n-Dodecane (C12)

R.T.: 6.279 min
Delta R.T.: -0.013 min
Response: 354597
Conc: 2.19 ug/ml



#6 n-Tetradecane (C14)

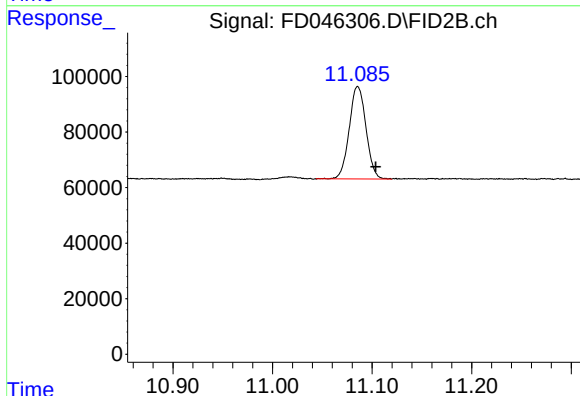
R.T.: 8.062 min
Delta R.T.: -0.015 min
Response: 356195
Conc: 2.24 ug/ml



#7 n-Hexadecane (C16)

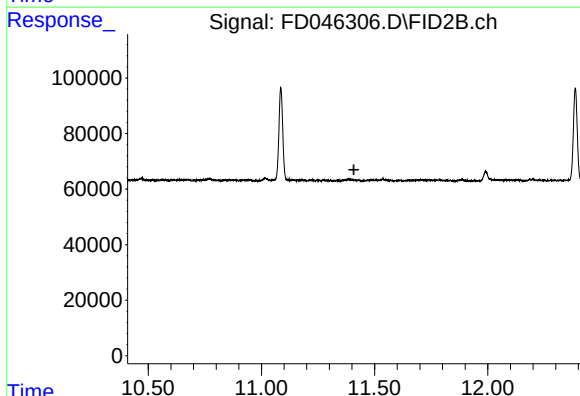
R.T.: 9.653 min
Delta R.T.: -0.015 min
Response: 366091
Conc: 2.25 ug/ml

Instrument :
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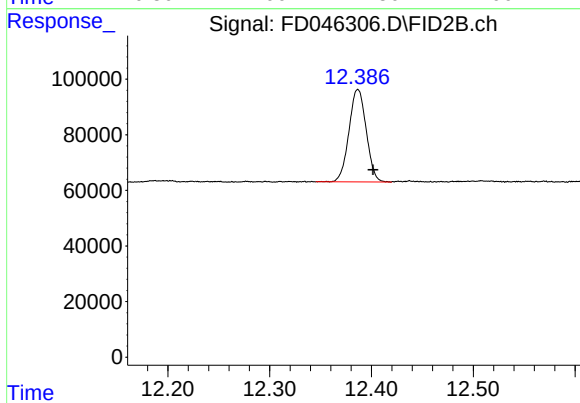
#8 n-Octadecane (C18)

R.T.: 11.086 min
Delta R.T.: -0.018 min
Response: 388464
Conc: 2.41 ug/ml



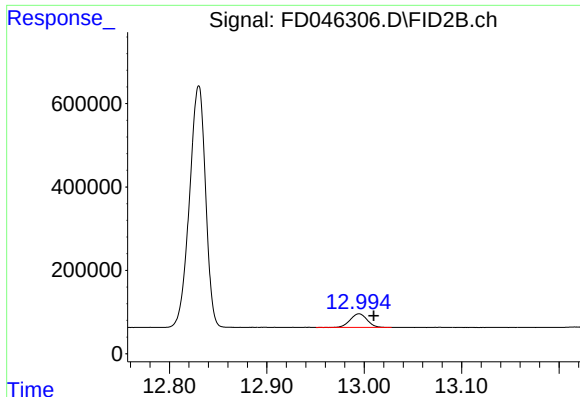
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.409 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

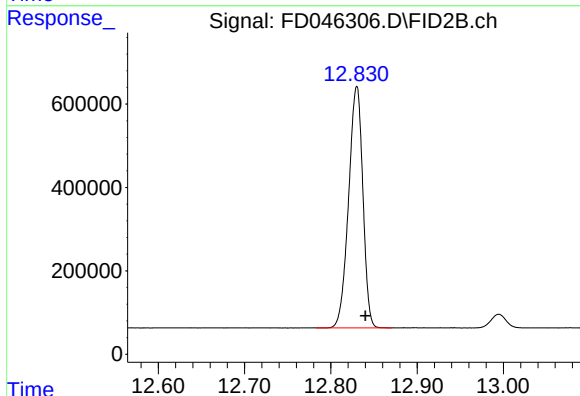
R.T.: 12.387 min
Delta R.T.: -0.015 min
Response: 390968
Conc: 2.62 ug/ml



#11 n-Heneicosane (C21)

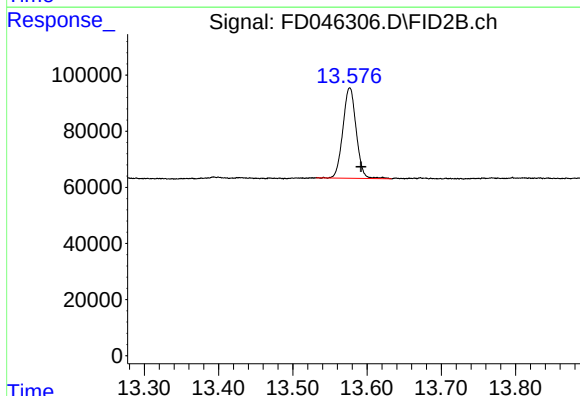
R.T.: 12.995 min
Delta R.T.: -0.015 min
Response: 395549
Conc: 2.74 ug/ml

Instrument :
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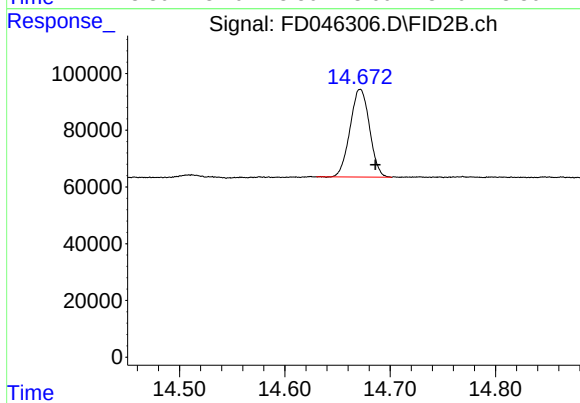
#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: -0.010 min
Response: 6645321
Conc: 55.23 ug/ml



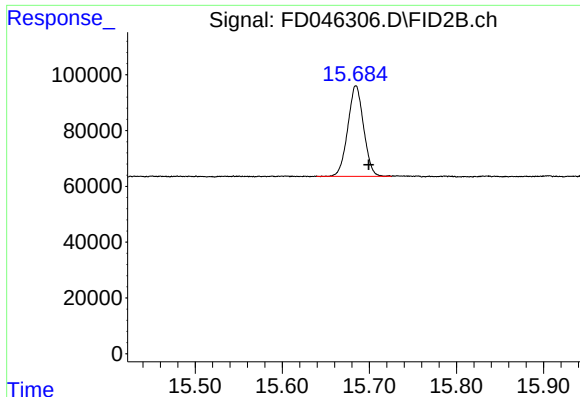
#13 n-Docosane (C22)

R.T.: 13.577 min
Delta R.T.: -0.015 min
Response: 401854
Conc: 2.88 ug/ml



#14 n-Tetracosane (C24)

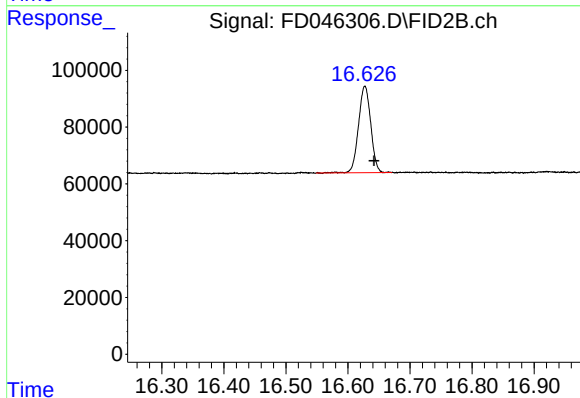
R.T.: 14.672 min
Delta R.T.: -0.014 min
Response: 397394
Conc: 2.89 ug/ml



#15 n-Hexacosane (C26)

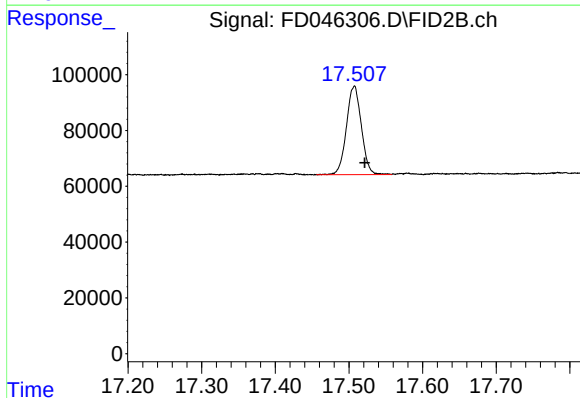
R.T.: 15.685 min
Delta R.T.: -0.015 min
Response: 409688
Conc: 3.20 ug/ml

Instrument :
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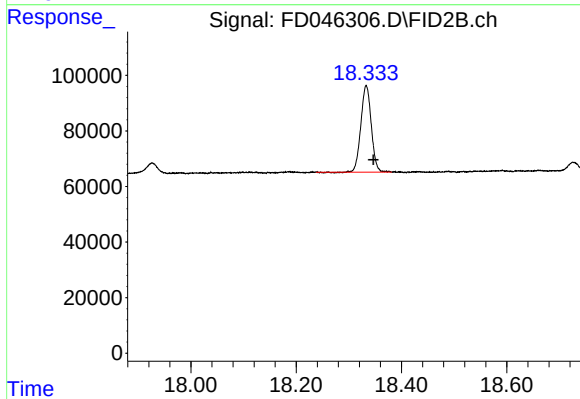
#16 n-Octacosane (C28)

R.T.: 16.627 min
Delta R.T.: -0.015 min
Response: 417841
Conc: 3.43 ug/ml



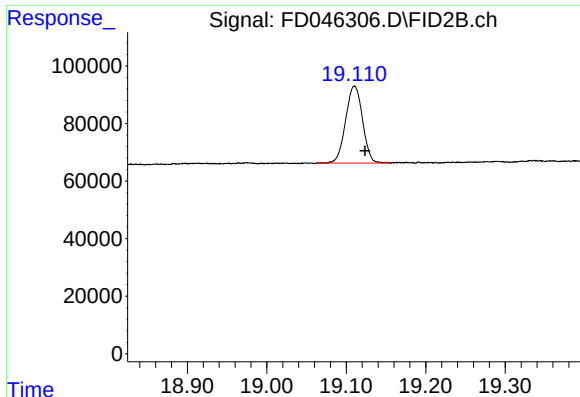
#17 n-Tricontane (C30)

R.T.: 17.507 min
Delta R.T.: -0.014 min
Response: 445655
Conc: 3.60 ug/ml



#18 n-Dotriacontane (C32)

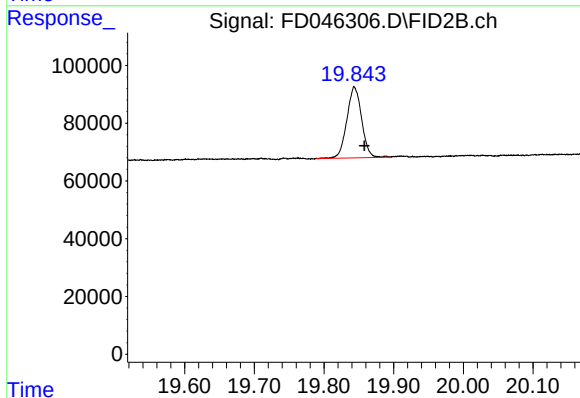
R.T.: 18.333 min
Delta R.T.: -0.014 min
Response: 428266
Conc: 3.51 ug/ml



#19 n-Tetratriacontane (C34)

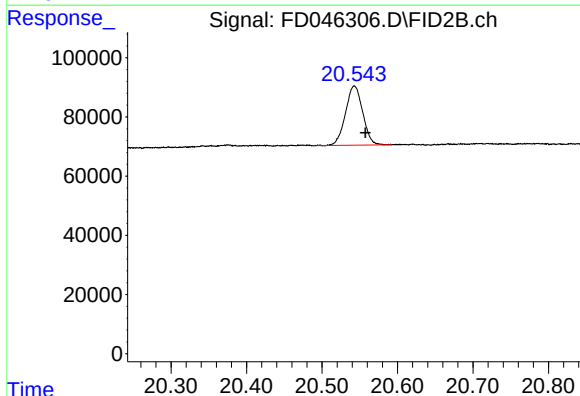
R.T.: 19.110 min
Delta R.T.: -0.013 min
Response: 396195
Conc: 3.10 ug/ml

Instrument :
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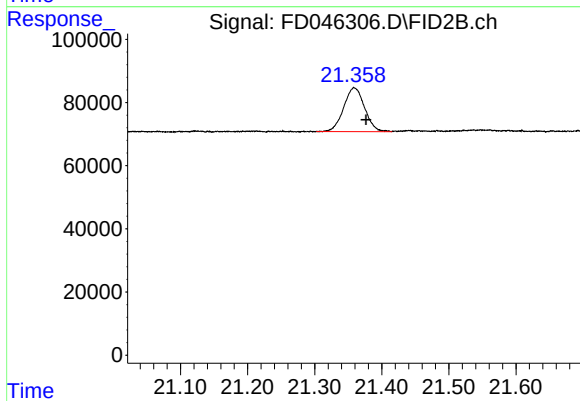
#20 n-Hexatriacontane (C36)

R.T.: 19.843 min
Delta R.T.: -0.014 min
Response: 361414
Conc: 3.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.543 min
Delta R.T.: -0.015 min
Response: 315714
Conc: 2.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.359 min
Delta R.T.: -0.018 min
Response: 300001
Conc: 2.80 ug/ml