

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AL\
 Data File : FD036746.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 20:53
 Operator : DD\AJ
 Sample : M1458-08
 Misc : LOQ-WATER- 5 PPM
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

Integration File: autoint1.e
 Quant Time: Apr 07 02:34:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.920	4576706	39.326 ug/ml
Spiked Amount 50.000		Recovery =	78.65%
Target Compounds			
1) T n-Nonane (C9)	3.289	630041	4.956 ug/ml
2) T n-Decane (C10)	4.349	643320	4.993 ug/ml
4) T n-Dodecane (C12)	6.358	661060	4.987 ug/ml
6) T n-Tetradecane (C14)	8.144	672242	4.946 ug/ml
7) T n-Hexadecane (C16)	9.738	663276	4.980 ug/ml
8) T n-Octadecane (C18)	11.172	679532	4.906 ug/ml
10) T n-Eicosane (C20)	12.476	638987	4.622 ug/ml
11) T n-Heneicosane (C21)	13.085	627012	4.554 ug/ml
13) T n-Docosane (C22)	13.669	609008	4.477 ug/ml
14) T n-Tetracosane (C24)	14.765	565463	4.265 ug/ml
15) T n-Hexacosane (C26)	15.781	538061	4.250 ug/ml
16) T n-Octacosane (C28)	16.726	515845	4.277 ug/ml
17) T n-Tricontane (C30)	17.607	503923	4.387 ug/ml
18) T n-Dotriacontane (C32)	18.434	490648	4.461 ug/ml
19) T n-Tetratriacontane (C34)	19.214	481817	4.691 ug/ml
20) T n-Hexatriacontane (C36)	19.949	454274	4.649 ug/ml
21) T n-Octatriacontane (C38)	20.657	443667	4.799 ug/ml
22) T n-Tetracontane (C40)	21.506	434338	4.306 ug/ml

(f)=RT Delta > 1/2 Window

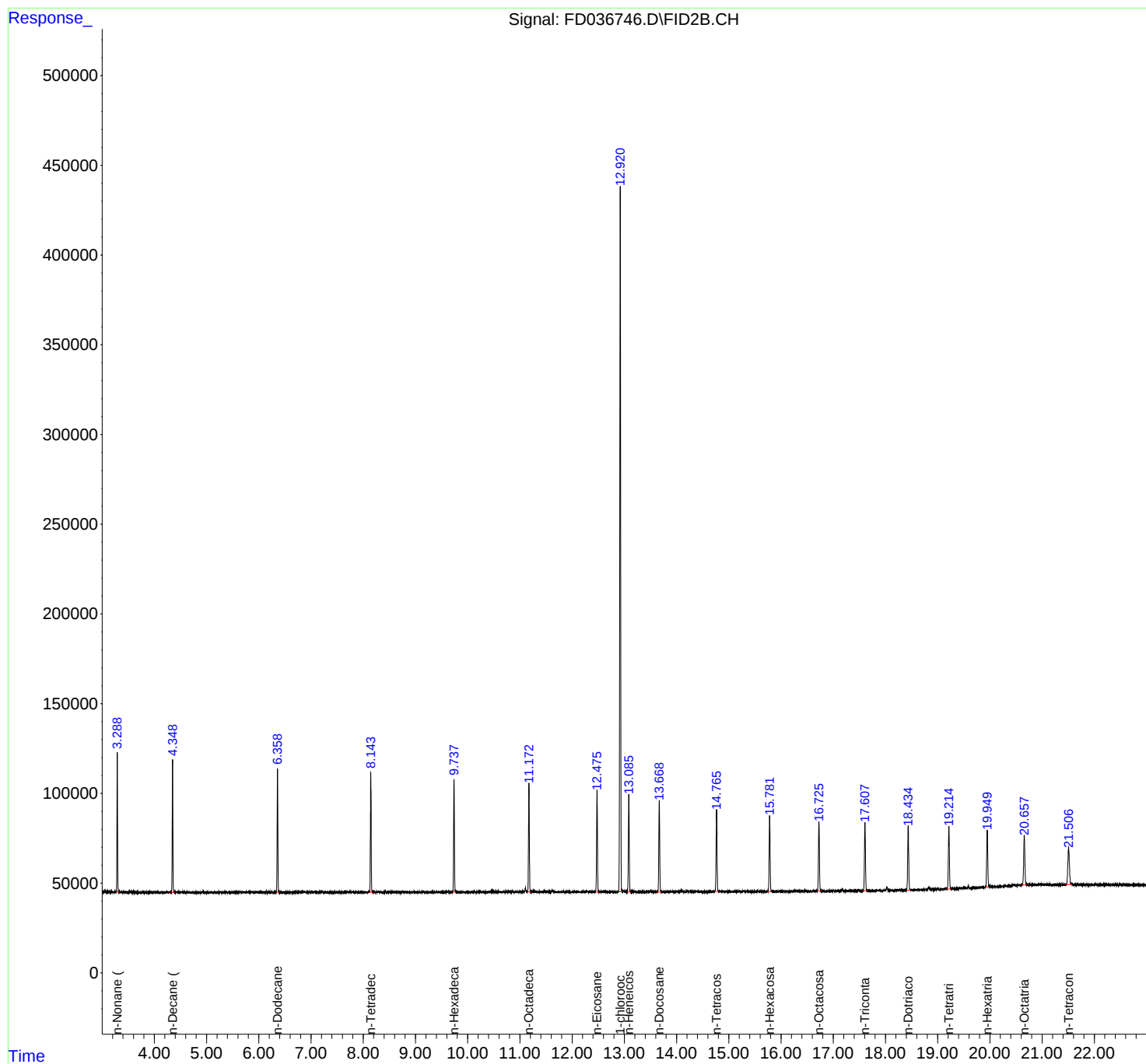
(m)=manual int.

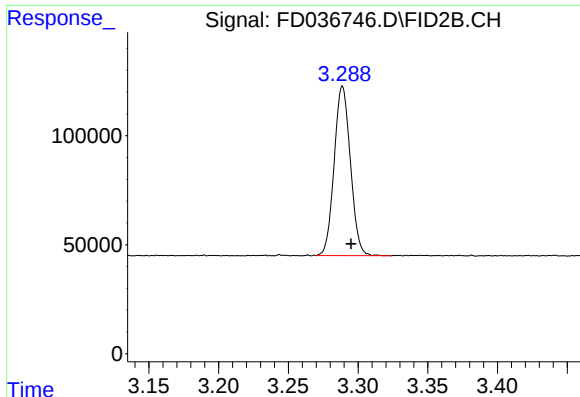
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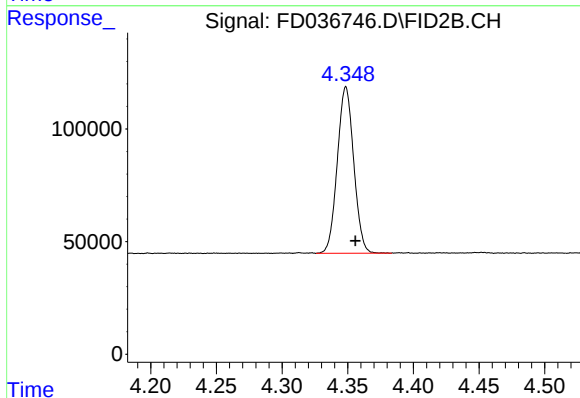




#1 n-Nonane (C9)

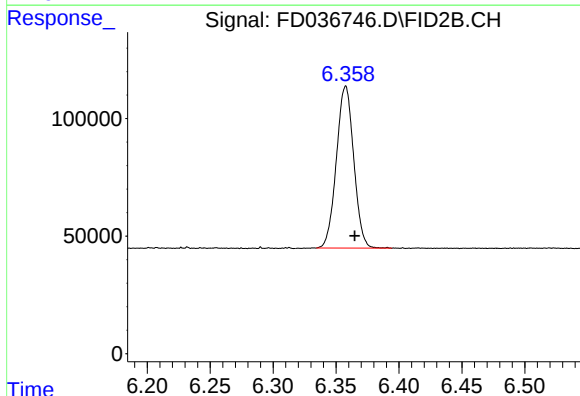
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 630041
Conc: 4.96 ug/ml

Instrument :
FID_D
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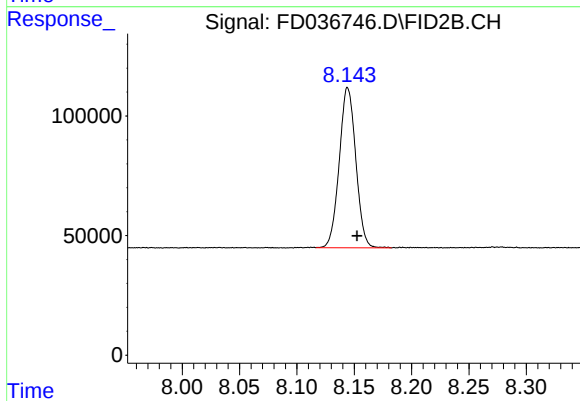
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 643320
Conc: 4.99 ug/ml



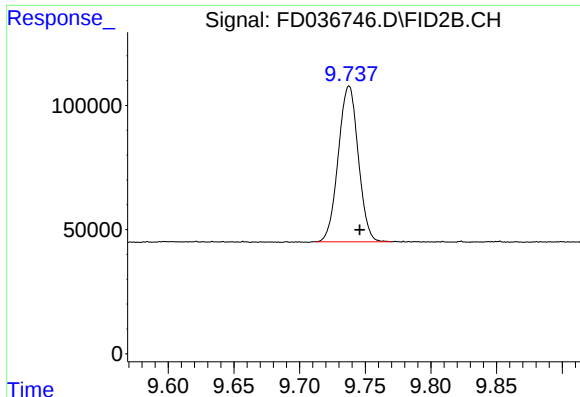
#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: -0.007 min
Response: 661060
Conc: 4.99 ug/ml



#6 n-Tetradecane (C14)

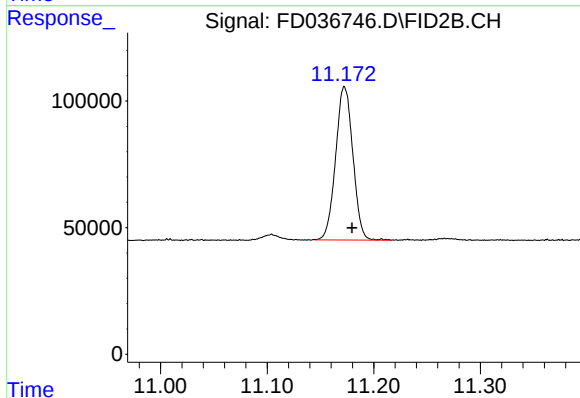
R.T.: 8.144 min
Delta R.T.: -0.008 min
Response: 672242
Conc: 4.95 ug/ml



#7 n-Hexadecane (C16)

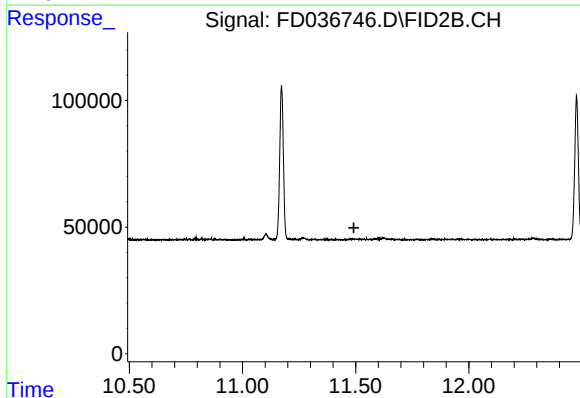
R.T.: 9.738 min
Delta R.T.: -0.008 min
Response: 663276
Conc: 4.98 ug/ml

Instrument :
FID_D
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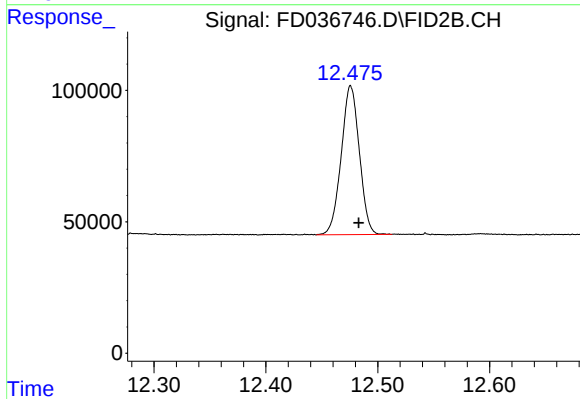
#8 n-Octadecane (C18)

R.T.: 11.172 min
Delta R.T.: -0.007 min
Response: 679532
Conc: 4.91 ug/ml



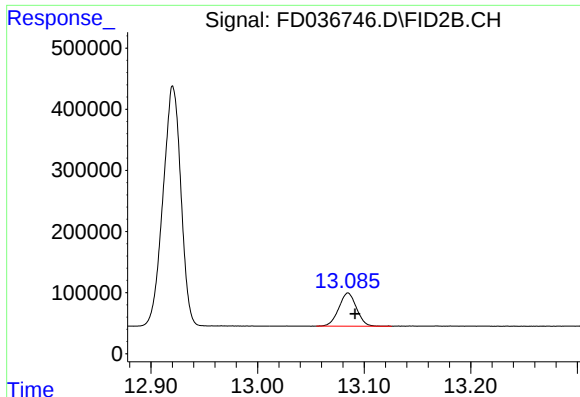
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.492 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

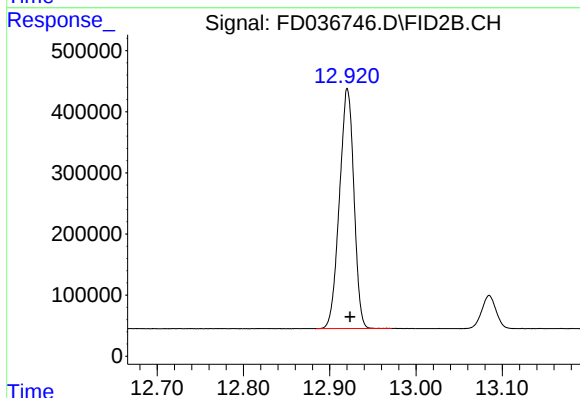
R.T.: 12.476 min
Delta R.T.: -0.007 min
Response: 638987
Conc: 4.62 ug/ml



#11 n-Heneicosane (C21)

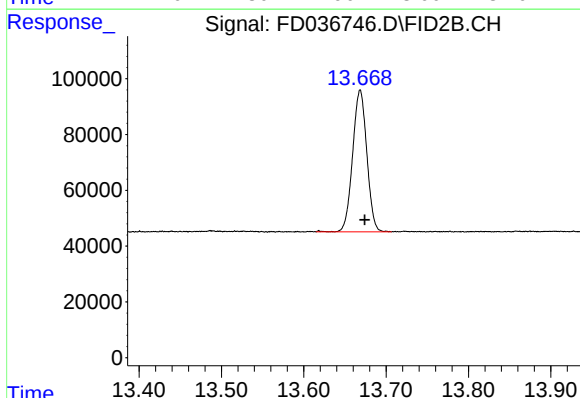
R.T.: 13.085 min
Delta R.T.: -0.006 min
Response: 627012
Conc: 4.55 ug/ml

Instrument :
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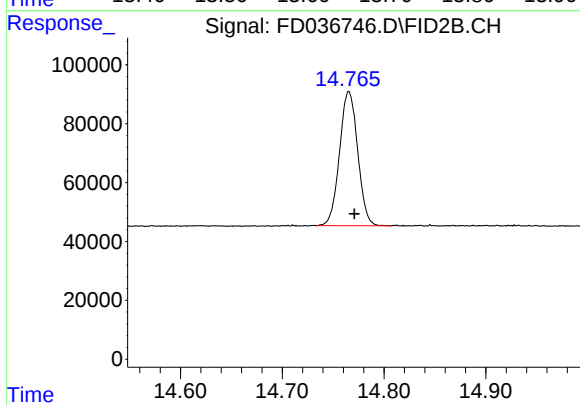
#12 1-chlorooctadecane (SURR)

R.T.: 12.920 min
Delta R.T.: -0.003 min
Response: 4576706
Conc: 39.33 ug/ml



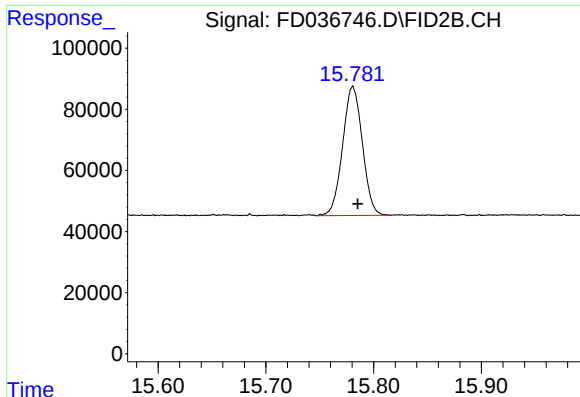
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: -0.006 min
Response: 609008
Conc: 4.48 ug/ml



#14 n-Tetracosane (C24)

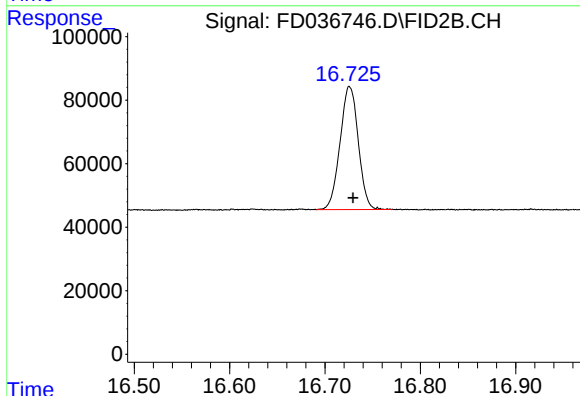
R.T.: 14.765 min
Delta R.T.: -0.005 min
Response: 565463
Conc: 4.27 ug/ml



#15 n-Hexacosane (C26)

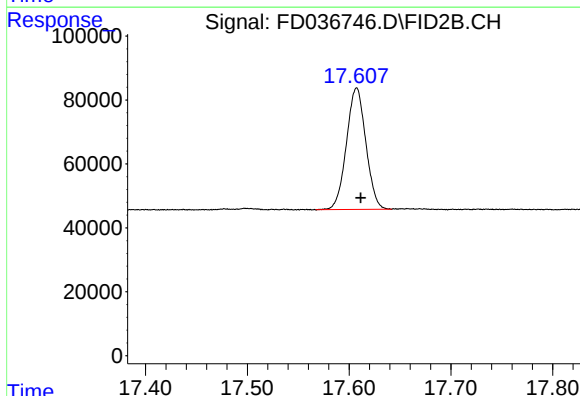
R.T.: 15.781 min
Delta R.T.: -0.005 min
Response: 538061
Conc: 4.25 ug/ml

Instrument :
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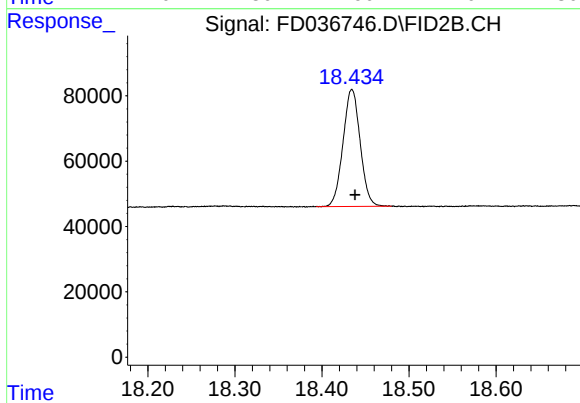
#16 n-Octacosane (C28)

R.T.: 16.726 min
Delta R.T.: -0.004 min
Response: 515845
Conc: 4.28 ug/ml



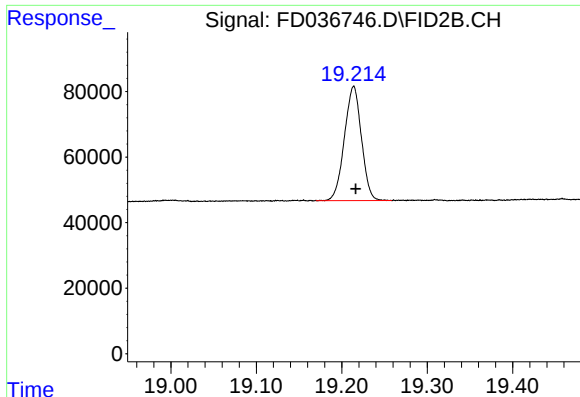
#17 n-Tricontane (C30)

R.T.: 17.607 min
Delta R.T.: -0.004 min
Response: 503923
Conc: 4.39 ug/ml



#18 n-Dotriacontane (C32)

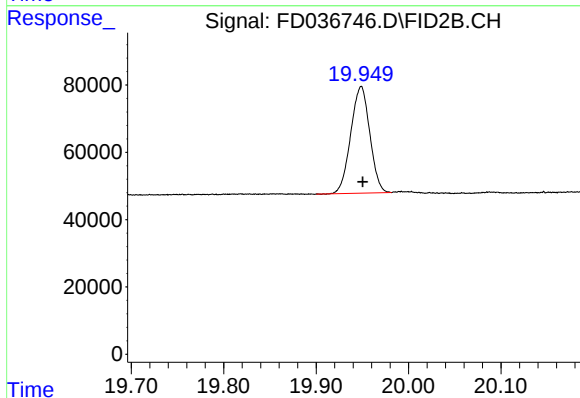
R.T.: 18.434 min
Delta R.T.: -0.004 min
Response: 490648
Conc: 4.46 ug/ml



#19 n-Tetratriacontane (C34)

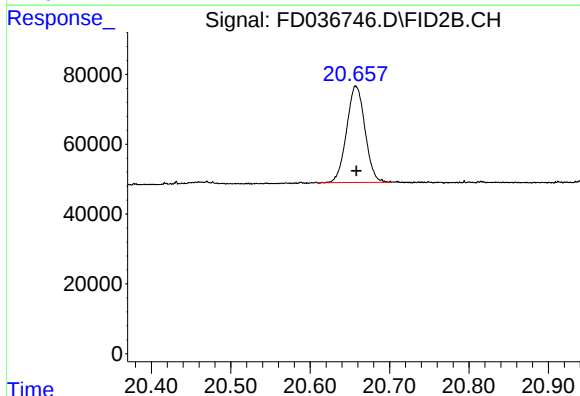
R.T.: 19.214 min
Delta R.T.: -0.002 min
Response: 481817
Conc: 4.69 ug/ml

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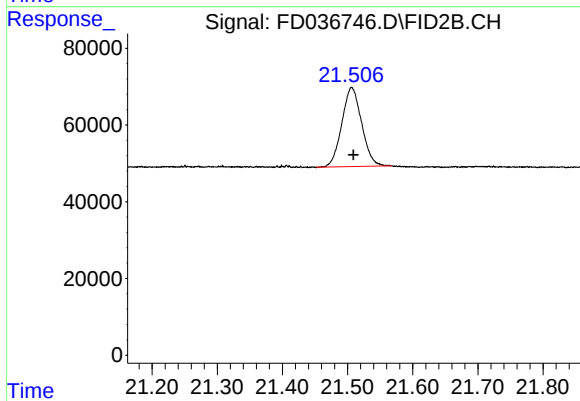
#20 n-Hexatriacontane (C36)

R.T.: 19.949 min
Delta R.T.: -0.002 min
Response: 454274
Conc: 4.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 443667
Conc: 4.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.506 min
Delta R.T.: -0.003 min
Response: 434338
Conc: 4.31 ug/ml