

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030984.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2019 4:54
 Operator : DD\AJ
 Sample : K5111-02
 Misc : LOQ 5 PPM
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Integration File: autoint1.e
 Quant Time: Oct 11 07:26:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 03:19:09 2019
 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...	12.878	4147049	38.221 ug/ml
Spiked Amount 50.000		Recovery =	76.44%
Target Compounds			
1) T n-Nonane (C9)	3.277	723387	6.158 ug/ml
2) T n-Decane (C10)	4.332	727382	6.195 ug/ml
4) T n-Dodecane (C12)	6.334	739164	6.211 ug/ml
6) T n-Tetradecane (C14)	8.117	762274	6.326 ug/ml
7) T n-Hexadecane (C16)	9.705	753901	6.165 ug/ml
8) T n-Octadecane (C18)	11.136	756008	6.069 ug/ml
10) T n-Eicosane (C20)	12.435	735403	5.832 ug/ml
11) T n-Heneicosane (C21)	13.042	720728	5.637 ug/ml
13) T n-Docosane (C22)	13.624	715051	5.582 ug/ml
14) T n-Tetracosane (C24)	14.717	690023	5.318 ug/ml
15) T n-Hexacosane (C26)	15.728	673696	5.188 ug/ml
16) T n-Octacosane (C28)	16.670	695141	5.369 ug/ml
17) T n-Tricontane (C30)	17.551	720230	5.544 ug/ml
18) T n-Dotriacontane (C32)	18.376	695995	5.526 ug/ml
19) T n-Tetratriacontane (C34)	19.153	656639	5.395 ug/ml
20) T n-Hexatriacontane (C36)	19.884	583332	5.057 ug/ml
21) T n-Octatriacontane (C38)	20.587	598297	5.673 ug/ml
22) T n-Tetracontane (C40)	21.418f	618734	5.848 ug/ml

(f)=RT Delta > 1/2 Window

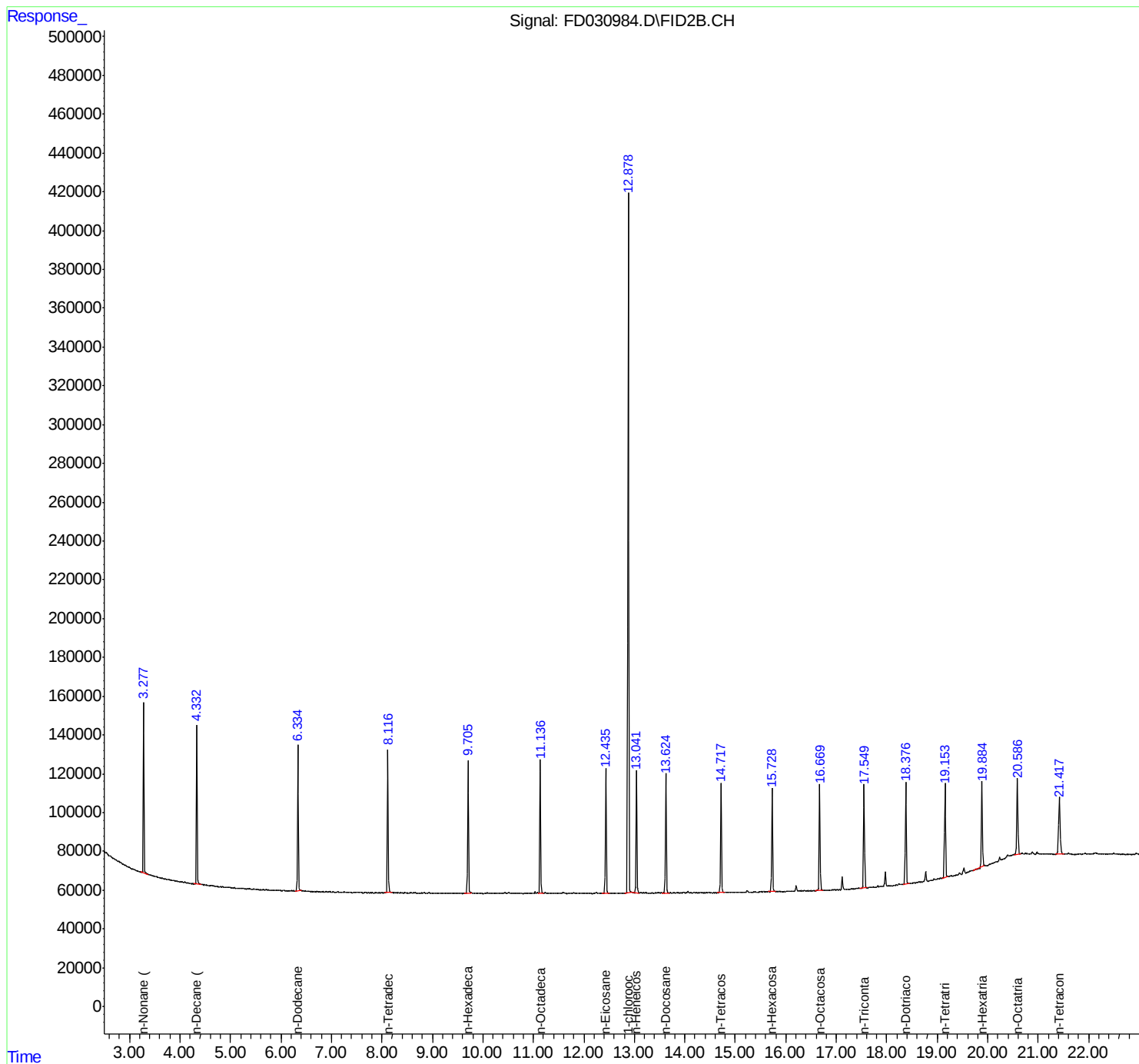
(m)=manual int.

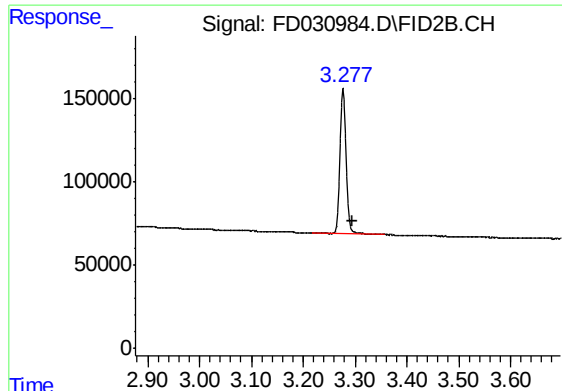
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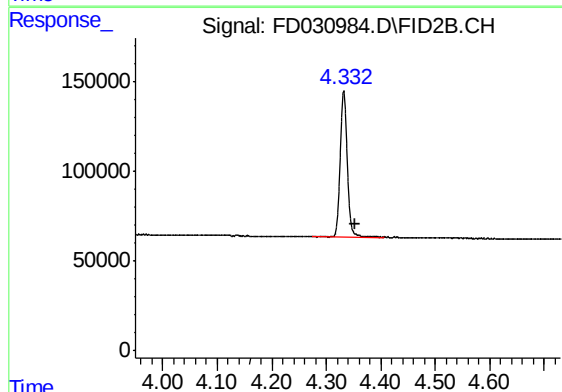




#1 n-Nonane (C9)

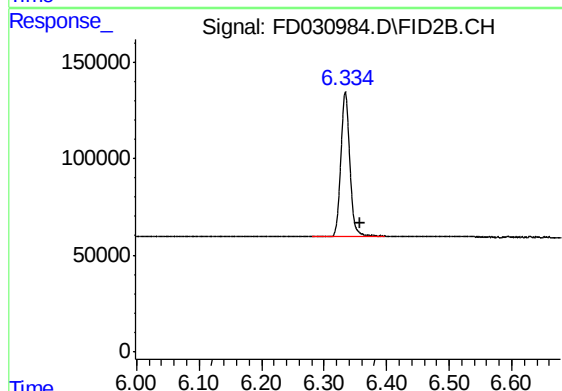
R.T.: 3.277 min
Delta R.T.: -0.018 min
Response: 723387
Conc: 6.16 ug/ml

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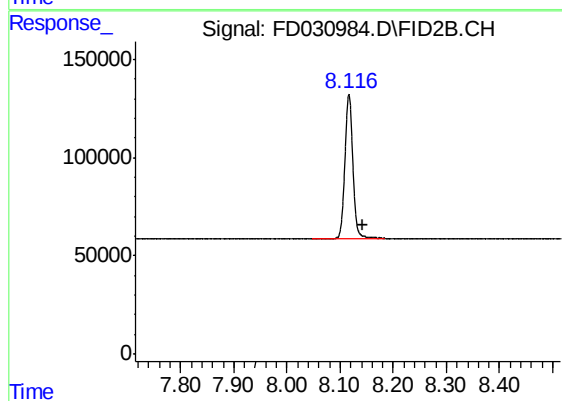
#2 n-Decane (C10)

R.T.: 4.332 min
Delta R.T.: -0.020 min
Response: 727382
Conc: 6.20 ug/ml



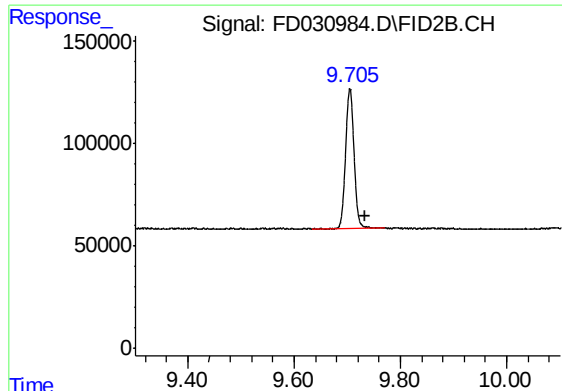
#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: -0.024 min
Response: 739164
Conc: 6.21 ug/ml



#6 n-Tetradecane (C14)

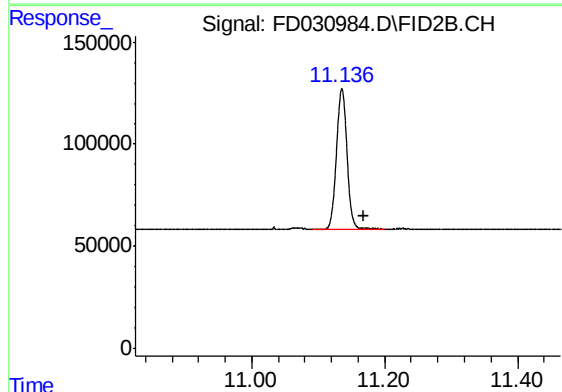
R.T.: 8.117 min
Delta R.T.: -0.026 min
Response: 762274
Conc: 6.33 ug/ml



#7 n-Hexadecane (C16)

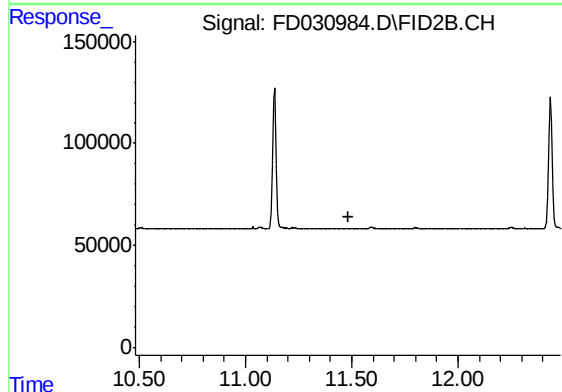
R.T.: 9.705 min
Delta R.T.: -0.029 min
Response: 753901
Conc: 6.16 ug/ml

Instrument :
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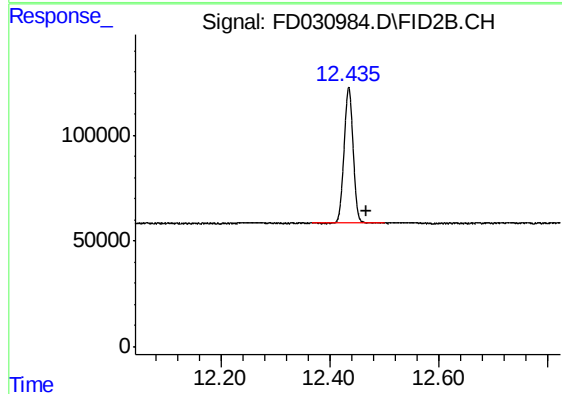
#8 n-Octadecane (C18)

R.T.: 11.136 min
Delta R.T.: -0.033 min
Response: 756008
Conc: 6.07 ug/ml



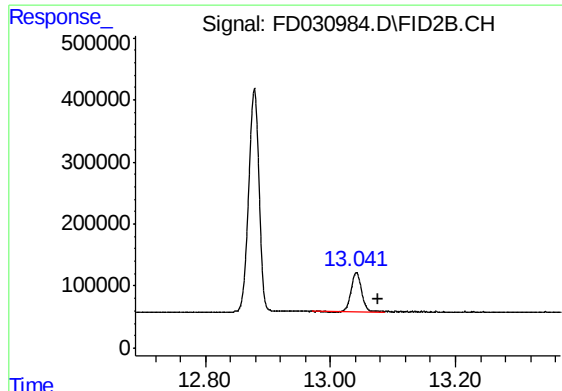
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.482 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

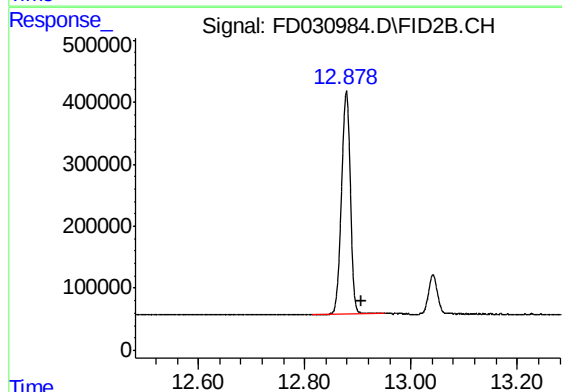
R.T.: 12.435 min
Delta R.T.: -0.033 min
Response: 735403
Conc: 5.83 ug/ml



#11 n-Heneicosane (C21)

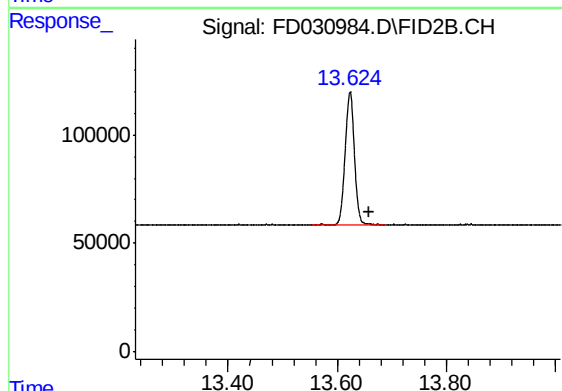
R.T.: 13.042 min
Delta R.T.: -0.034 min
Response: 720728
Conc: 5.64 ug/ml

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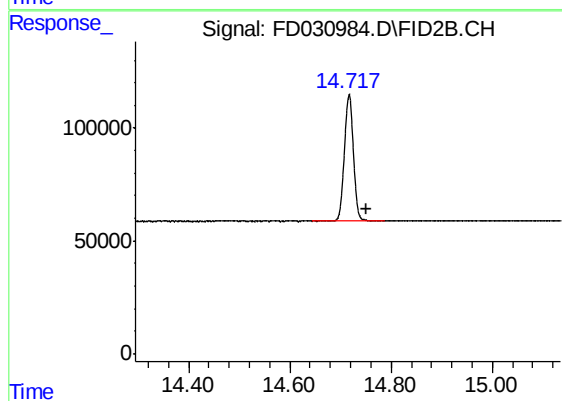
#12 1-chlorooctadecane (SURR)

R.T.: 12.878 min
Delta R.T.: -0.029 min
Response: 4147049
Conc: 38.22 ug/ml



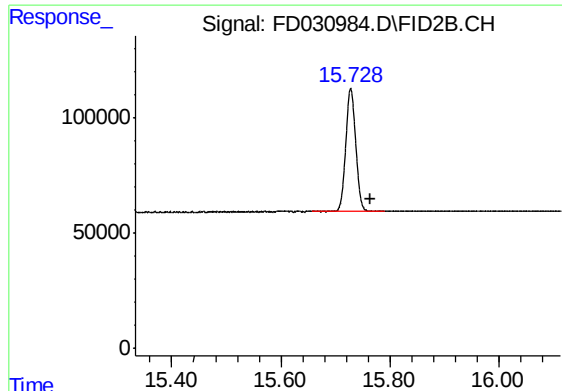
#13 n-Docosane (C22)

R.T.: 13.624 min
Delta R.T.: -0.034 min
Response: 715051
Conc: 5.58 ug/ml



#14 n-Tetracosane (C24)

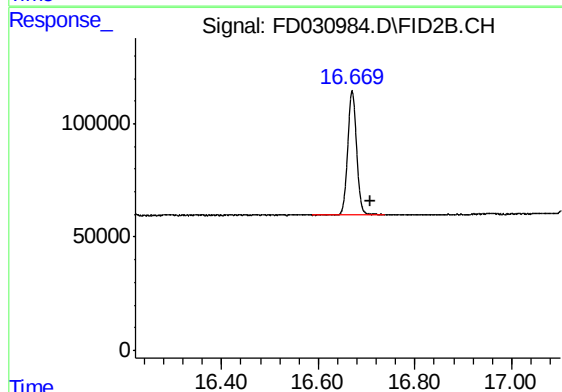
R.T.: 14.717 min
Delta R.T.: -0.035 min
Response: 690023
Conc: 5.32 ug/ml



#15 n-Hexacosane (C26)

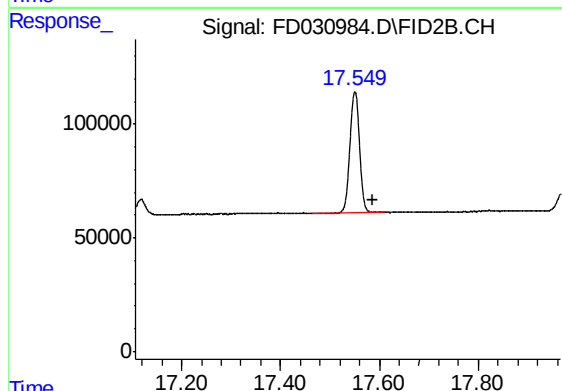
R.T.: 15.728 min
Delta R.T.: -0.036 min
Response: 673696
Conc: 5.19 ug/ml

Instrument :
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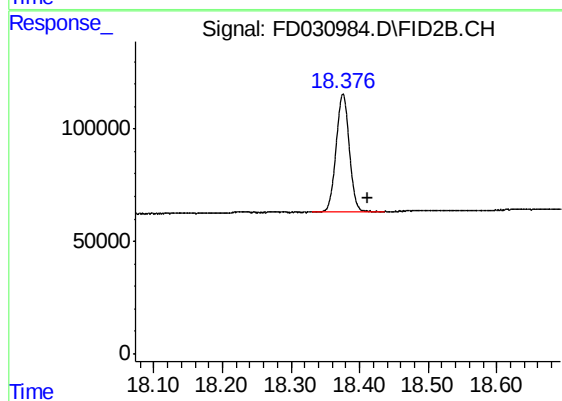
#16 n-Octacosane (C28)

R.T.: 16.670 min
Delta R.T.: -0.037 min
Response: 695141
Conc: 5.37 ug/ml



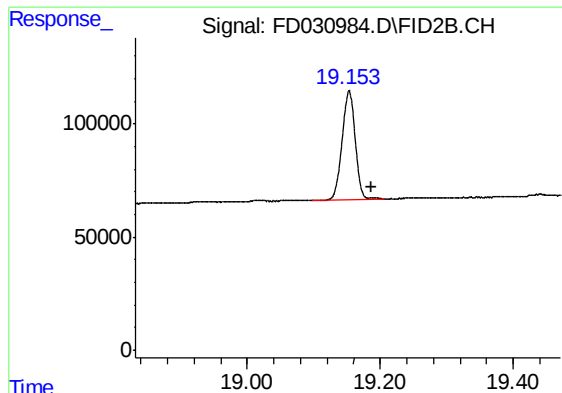
#17 n-Tricontane (C30)

R.T.: 17.551 min
Delta R.T.: -0.036 min
Response: 720230
Conc: 5.54 ug/ml



#18 n-Dotriacontane (C32)

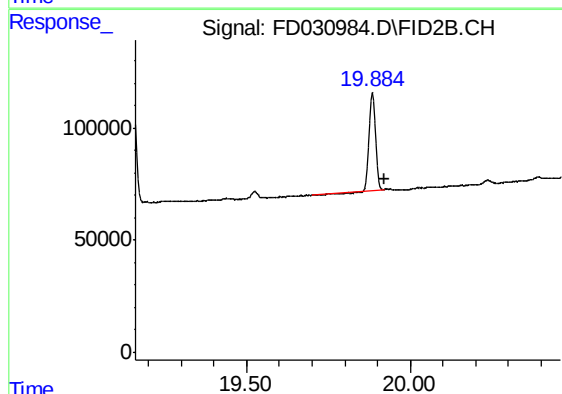
R.T.: 18.376 min
Delta R.T.: -0.036 min
Response: 695995
Conc: 5.53 ug/ml



#19 n-Tetratriacontane (C34)

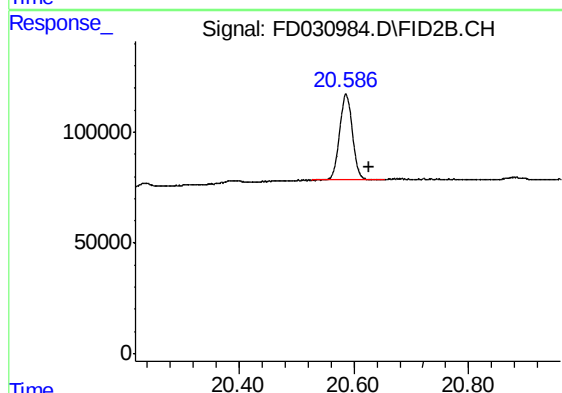
R.T.: 19.153 min
Delta R.T.: -0.035 min
Response: 656639
Conc: 5.40 ug/ml

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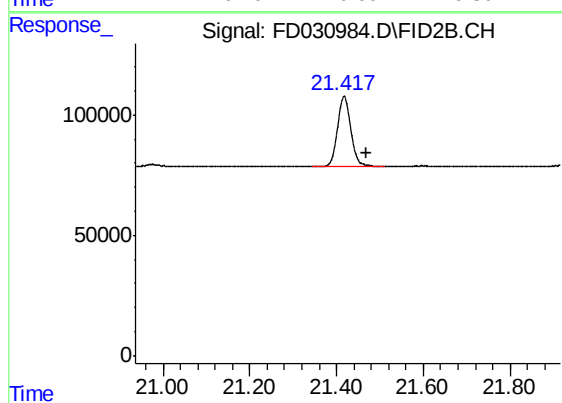
#20 n-Hexatriacontane (C36)

R.T.: 19.884 min
Delta R.T.: -0.035 min
Response: 583332
Conc: 5.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.587 min
Delta R.T.: -0.040 min
Response: 598297
Conc: 5.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.418 min
Delta R.T.: -0.052 min
Response: 618734
Conc: 5.85 ug/ml