

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030980.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2019 2:32
 Operator : DD\AJ
 Sample : K5111-08
 Misc : LOQ 5 PPM
 ALS Vial : 25 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Oct 11 03:32:32 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...	12.879	4052234	37.348 ug/ml
Spiked Amount 50.000		Recovery =	74.70%
Target Compounds			
1) T n-Nonane (C9)	3.277	695008	5.916 ug/ml
2) T n-Decane (C10)	4.332	697675	5.942 ug/ml
4) T n-Dodecane (C12)	6.334	714359	6.003 ug/ml
6) T n-Tetradecane (C14)	8.116	740105	6.142 ug/ml
7) T n-Hexadecane (C16)	9.705	733890	6.001 ug/ml
8) T n-Octadecane (C18)	11.135	740018	5.941 ug/ml
10) T n-Eicosane (C20)	12.435	721075	5.718 ug/ml
11) T n-Heneicosane (C21)	13.042	710862	5.560 ug/ml
13) T n-Docosane (C22)	13.624	700024	5.464 ug/ml
14) T n-Tetracosane (C24)	14.718	677545	5.221 ug/ml
15) T n-Hexacosane (C26)	15.730	658221	5.069 ug/ml
16) T n-Octacosane (C28)	16.672	672138	5.192 ug/ml
17) T n-Tricontane (C30)	17.551	685472	5.276 ug/ml
18) T n-Dotriacontane (C32)	18.376	665467	5.284 ug/ml
19) T n-Tetratriacontane (C34)	19.153	628873	5.167 ug/ml
20) T n-Hexatriacontane (C36)	19.885	614053	5.324 ug/ml
21) T n-Octatriacontane (C38)	20.589	574848	5.450 ug/ml
22) T n-Tetracontane (C40)	21.419f	597843	5.650 ug/ml

(f)=RT Delta > 1/2 Window

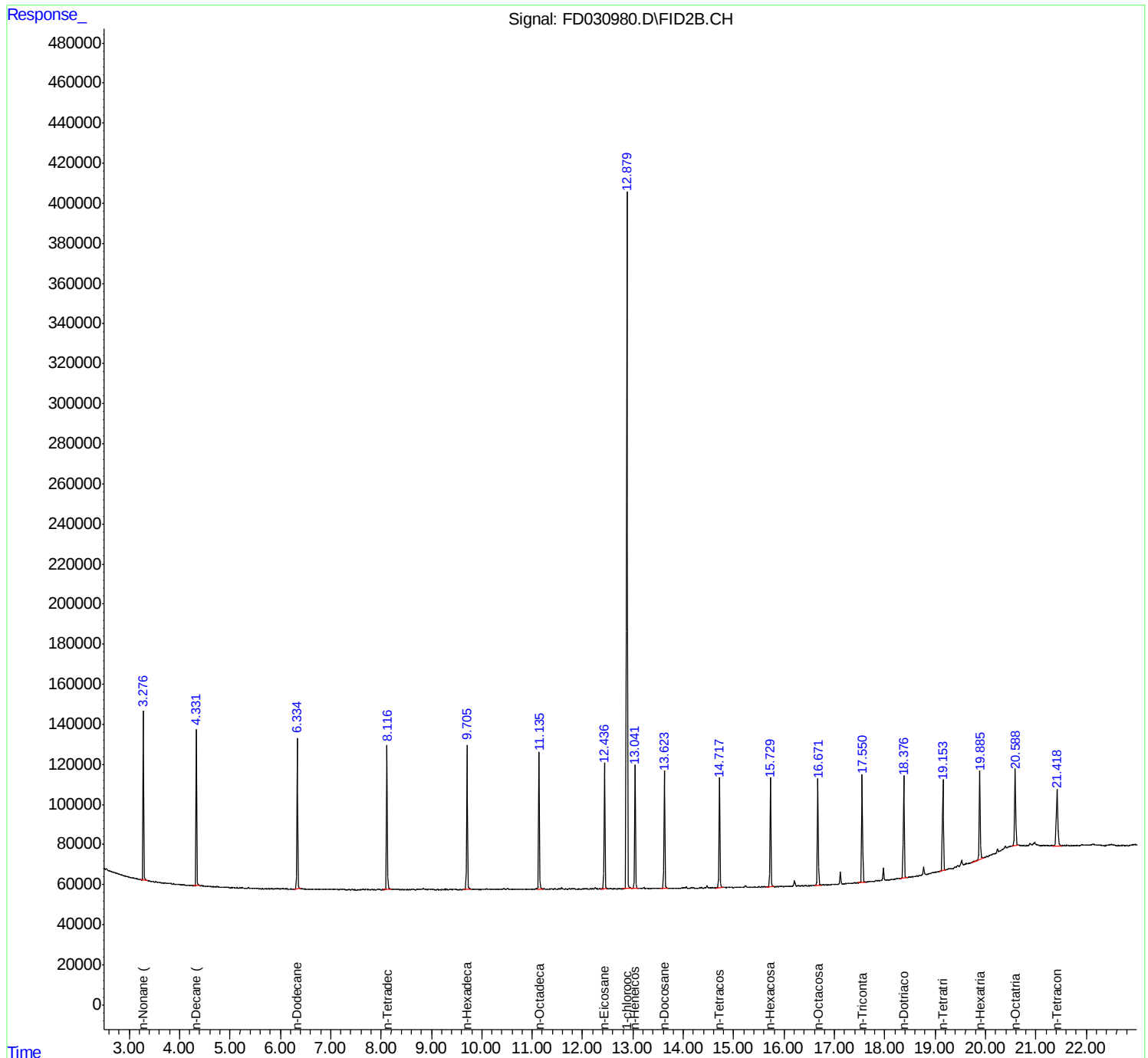
(m)=manual int.

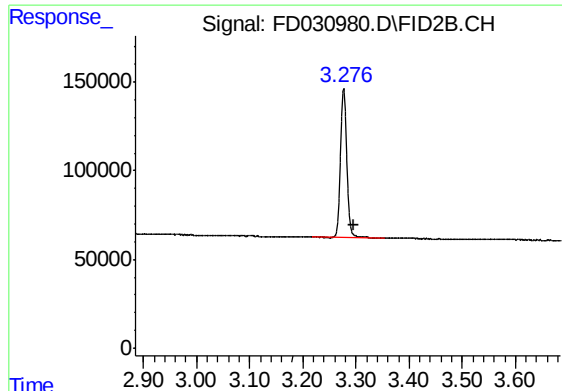
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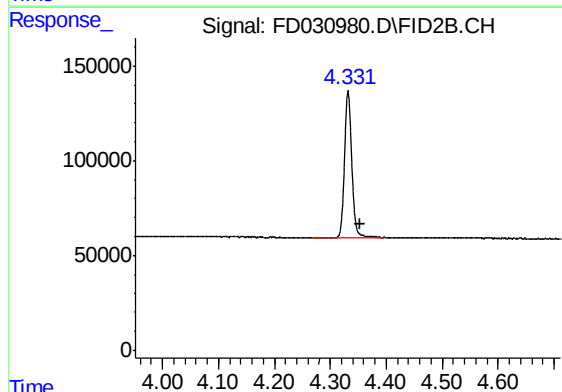




#1 n-Nonane (C9)

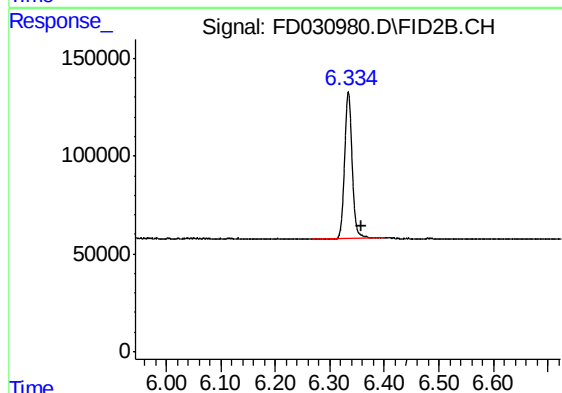
R.T.: 3.277 min
Delta R.T.: -0.018 min
Response: 695008
Conc: 5.92 ug/ml

Instrument :
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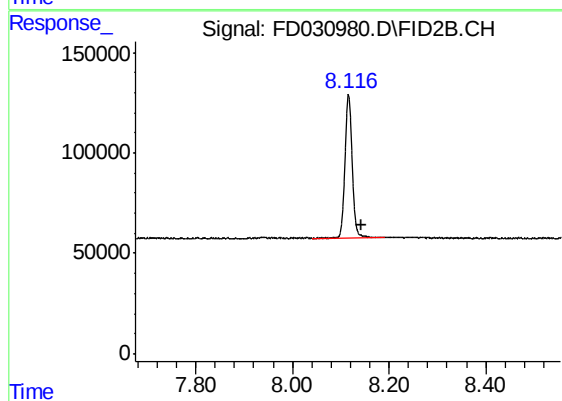
#2 n-Decane (C10)

R.T.: 4.332 min
Delta R.T.: -0.020 min
Response: 697675
Conc: 5.94 ug/ml



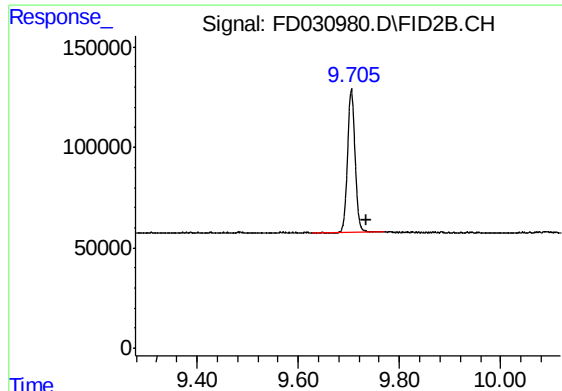
#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: -0.023 min
Response: 714359
Conc: 6.00 ug/ml



#6 n-Tetradecane (C14)

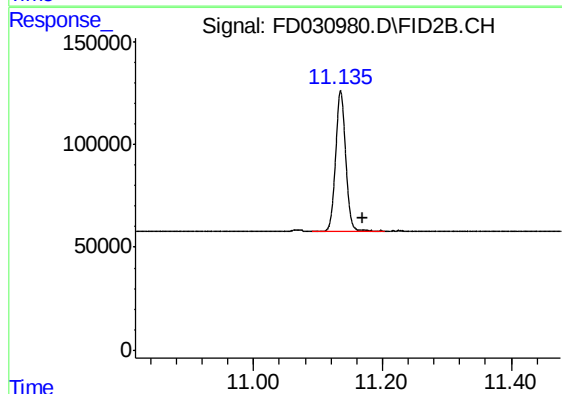
R.T.: 8.116 min
Delta R.T.: -0.026 min
Response: 740105
Conc: 6.14 ug/ml



#7 n-Hexadecane (C16)

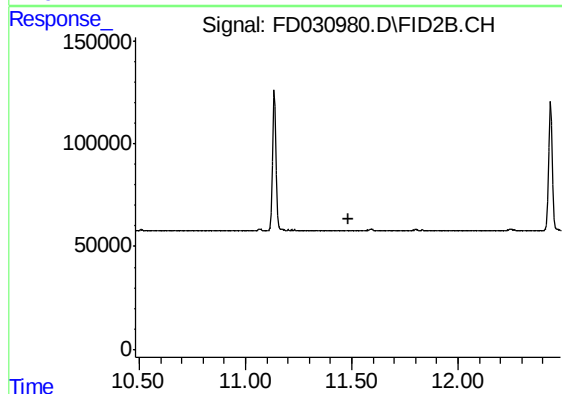
R.T.: 9.705 min
Delta R.T.: -0.029 min
Response: 733890
Conc: 6.00 ug/ml

Instrument :
FID_D
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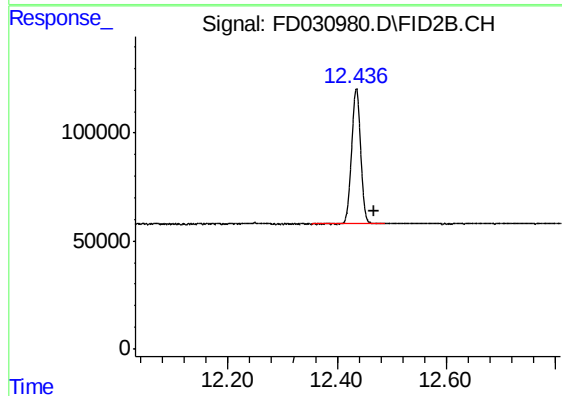
#8 n-Octadecane (C18)

R.T.: 11.135 min
Delta R.T.: -0.033 min
Response: 740018
Conc: 5.94 ug/ml



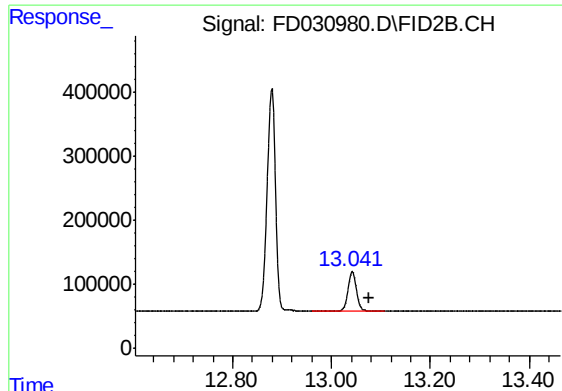
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

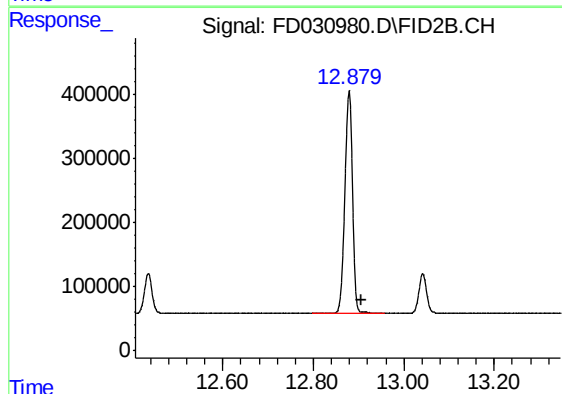
R.T.: 12.435 min
Delta R.T.: -0.032 min
Response: 721075
Conc: 5.72 ug/ml



#11 n-Heneicosane (C21)

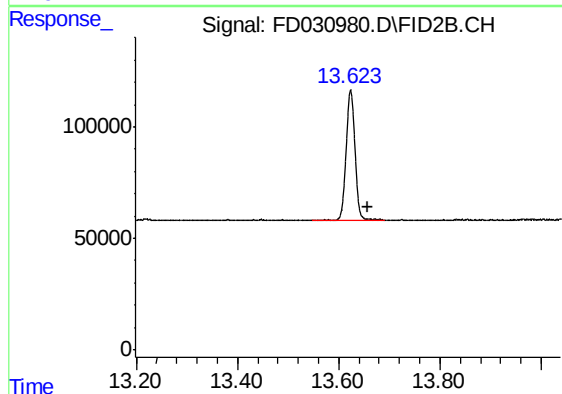
R.T.: 13.042 min
Delta R.T.: -0.033 min
Response: 710862
Conc: 5.56 ug/ml

Instrument :
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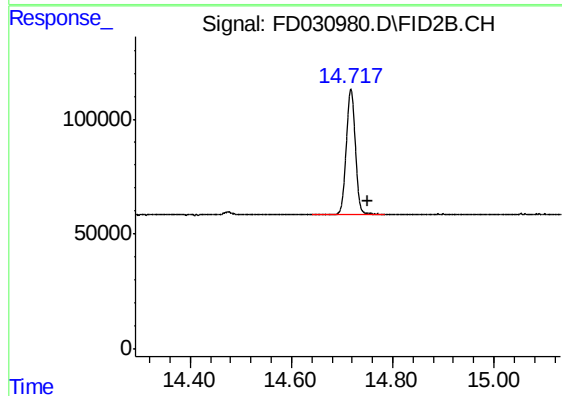
#12 1-chlorooctadecane (SURR)

R.T.: 12.879 min
Delta R.T.: -0.029 min
Response: 4052234
Conc: 37.35 ug/ml



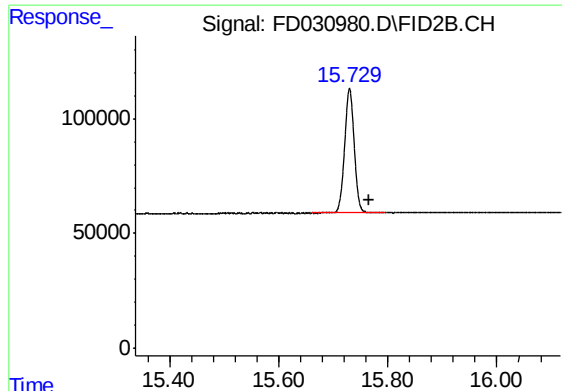
#13 n-Docosane (C22)

R.T.: 13.624 min
Delta R.T.: -0.034 min
Response: 700024
Conc: 5.46 ug/ml



#14 n-Tetracosane (C24)

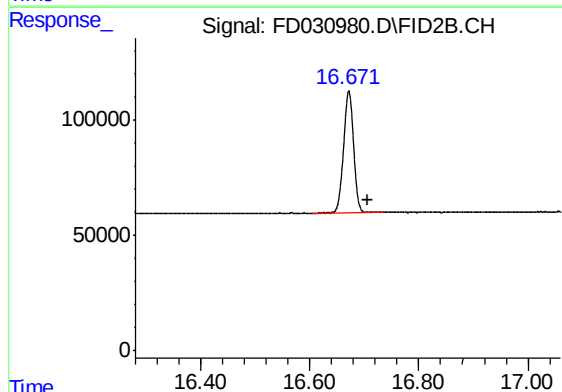
R.T.: 14.718 min
Delta R.T.: -0.034 min
Response: 677545
Conc: 5.22 ug/ml



#15 n-Hexacosane (C26)

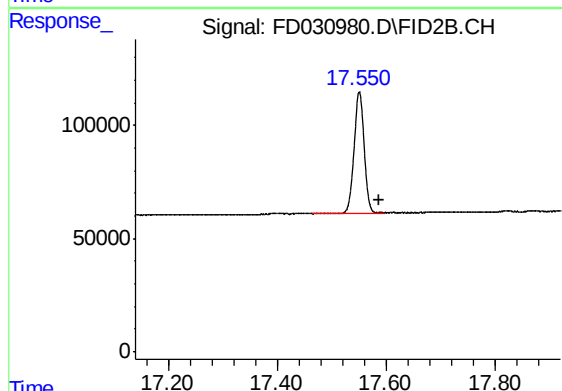
R.T.: 15.730 min
Delta R.T.: -0.035 min
Response: 658221
Conc: 5.07 ug/ml

Instrument :
FID_D
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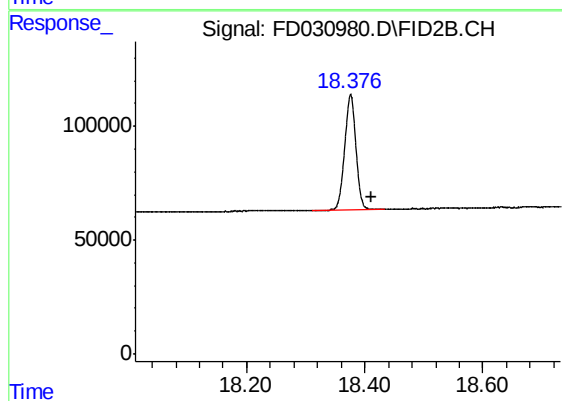
#16 n-Octacosane (C28)

R.T.: 16.672 min
Delta R.T.: -0.035 min
Response: 672138
Conc: 5.19 ug/ml



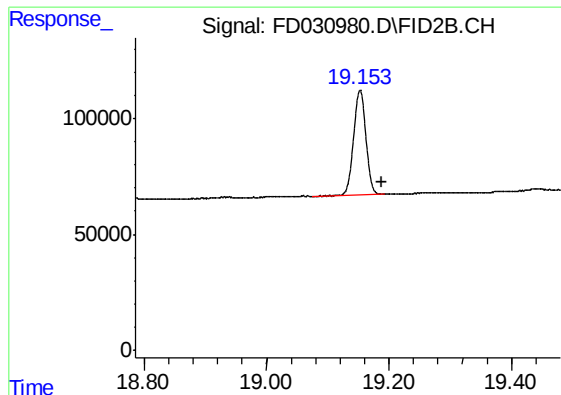
#17 n-Tricontane (C30)

R.T.: 17.551 min
Delta R.T.: -0.036 min
Response: 685472
Conc: 5.28 ug/ml



#18 n-Dotriacontane (C32)

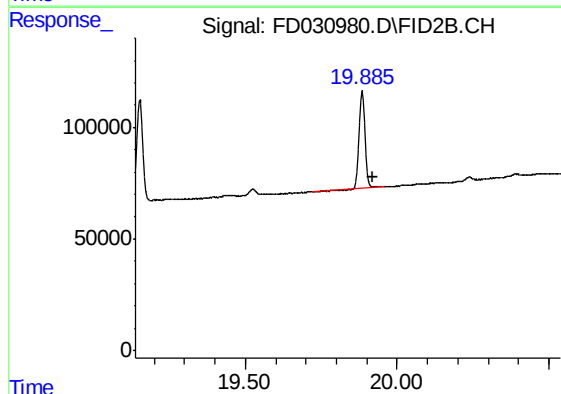
R.T.: 18.376 min
Delta R.T.: -0.036 min
Response: 665467
Conc: 5.28 ug/ml



#19 n-Tetratriacontane (C34)

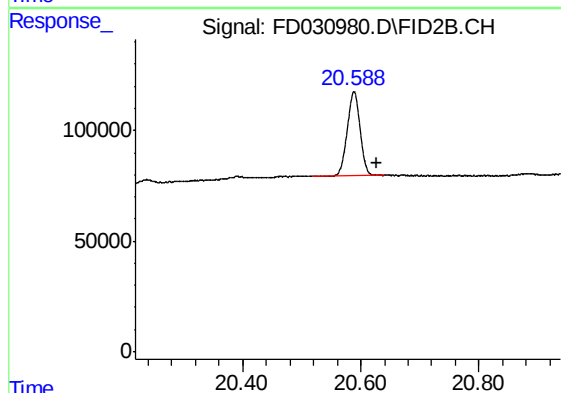
R.T.: 19.153 min
Delta R.T.: -0.035 min
Response: 628873
Conc: 5.17 ug/ml

Instrument :
FID_D
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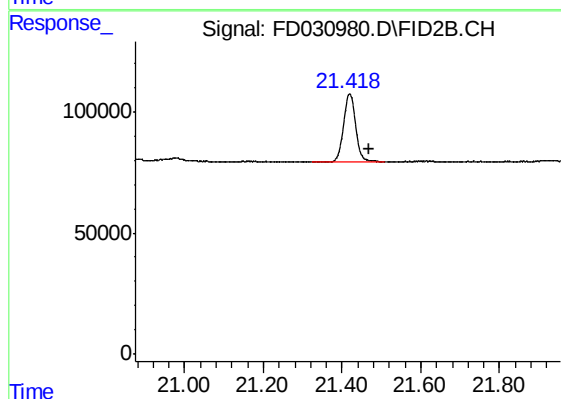
#20 n-Hexatriacontane (C36)

R.T.: 19.885 min
Delta R.T.: -0.035 min
Response: 614053
Conc: 5.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.589 min
Delta R.T.: -0.038 min
Response: 574848
Conc: 5.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.419 min
Delta R.T.: -0.050 min
Response: 597843
Conc: 5.65 ug/ml