

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
 Data File : FE035601.D
 Signal(s) : FID1B.CH
 Acq On : 31 Mar 2022 12:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 31 17:44:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032922.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 30 04:19:30 2022
 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			
9) S ortho-Terphenyl (SURR)	11.327	2314561	21.728 ug/ml
Spiked Amount 50.000		Recovery =	43.46%
12) S 1-chlorooctadecane (S...	12.761	1675539	20.714 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
Target Compounds			
1) T n-Nonane (C9)	3.151	1927778	20.251 ug/ml
2) T n-Decane (C10)	4.203	1885985	20.285 ug/ml
3) T A~Naphthalene (C11.7)	5.774	1768964	18.625 ug/ml
4) T n-Dodecane (C12)	6.207	1949066	20.741 ug/ml
5) T A~2-methylnaphthalene...	6.825	1762299	18.409 ug/ml
6) T n-Tetradecane (C14)	7.992	1906991	20.623 ug/ml
7) T n-Hexadecane (C16)	9.584	1911170	20.494 ug/ml
8) T n-Octadecane (C18)	11.018	1962449	20.756 ug/ml
10) T n-Eicosane (C20)	12.320	1986094	20.843 ug/ml
11) T n-Heneicosane (C21)	12.928	2048867	21.290 ug/ml
13) T n-Docosane (C22)	13.511	2034718	21.195 ug/ml
14) T n-Tetracosane (C24)	14.608	2005194	21.161 ug/ml
15) T n-Hexacosane (C26)	15.623	1968764	21.111 ug/ml
16) T n-Octacosane (C28)	16.566	1907790	21.396 ug/ml
17) T n-Tricontane (C30)	17.451	1851914	21.524 ug/ml
18) T n-Dotriacontane (C32)	18.278	1737629	20.914 ug/ml
19) T n-Tetratriacontane (C34)	19.055	1577719	21.266 ug/ml
20) T n-Hexatriacontane (C36)	19.792	1471874	20.659 ug/ml
21) T n-Octatriacontane (C38)	20.491	1316579	19.808 ug/ml
22) T n-Tetracontane (C40)	21.287	1281059	18.222 ug/ml

(f)=RT Delta > 1/2 Window

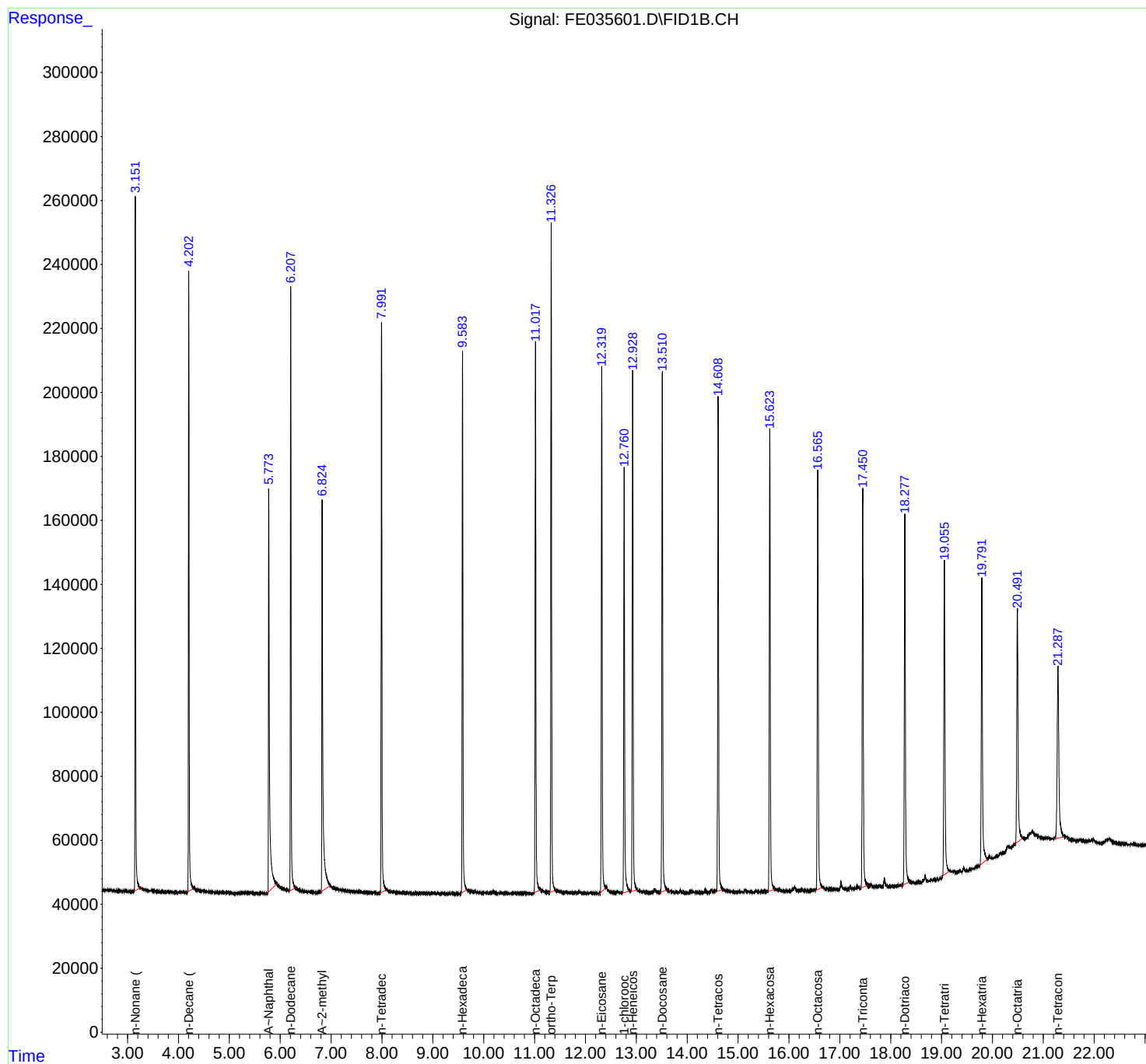
(m)=manual int.

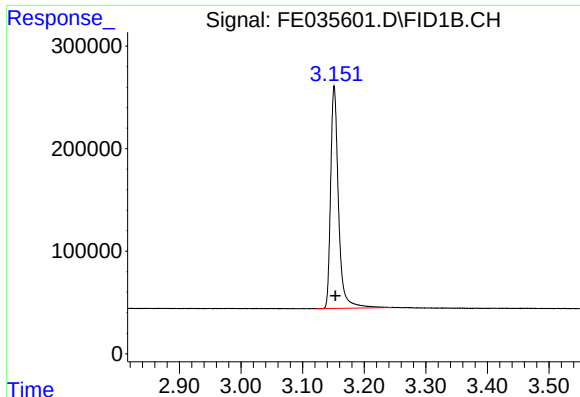
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
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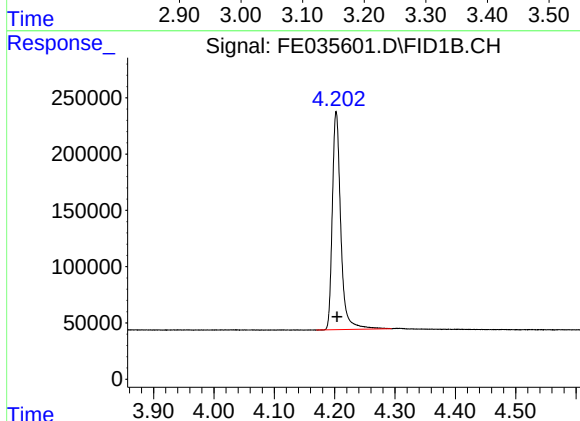




#1 n-Nonane (C9)

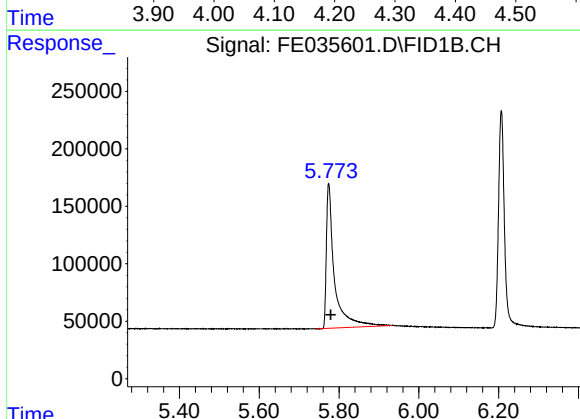
R.T.: 3.151 min
Delta R.T.: -0.002 min
Response: 1927778
Conc: 20.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



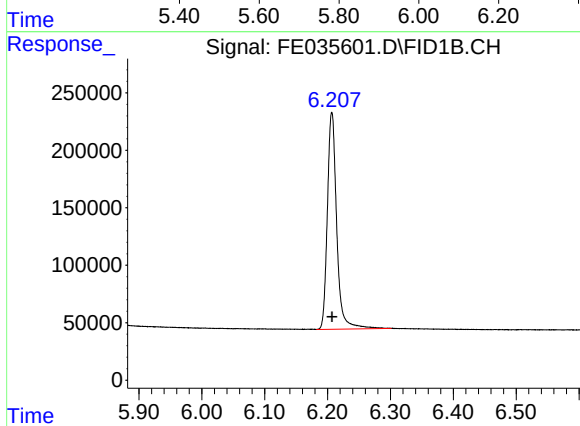
#2 n-Decane (C10)

R.T.: 4.203 min
Delta R.T.: -0.001 min
Response: 1885985
Conc: 20.29 ug/ml



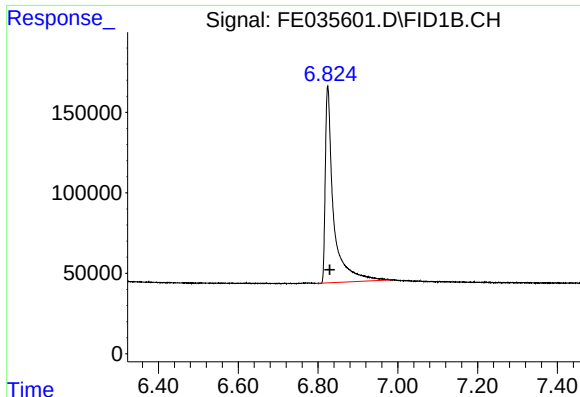
#3 A~Naphthalene (C11.7)

R.T.: 5.774 min
Delta R.T.: -0.005 min
Response: 1768964
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

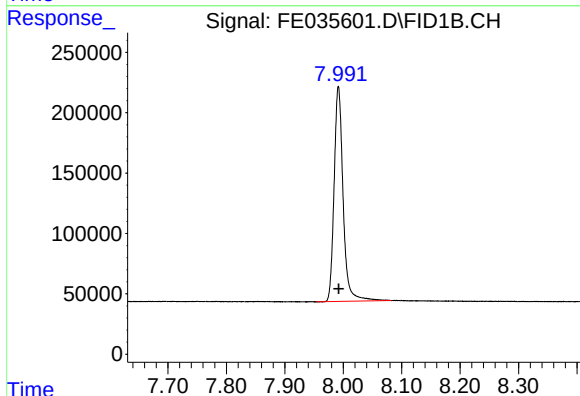
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 1949066
Conc: 20.74 ug/ml



#5 A~2-methylnaphthalene (C12.89)

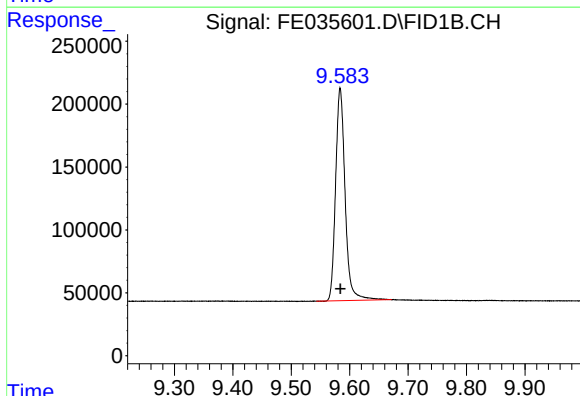
R.T.: 6.825 min
Delta R.T.: -0.005 min
Response: 1762299
Conc: 18.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



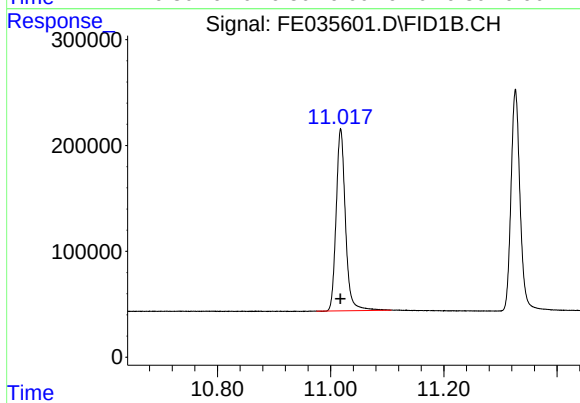
#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 1906991
Conc: 20.62 ug/ml



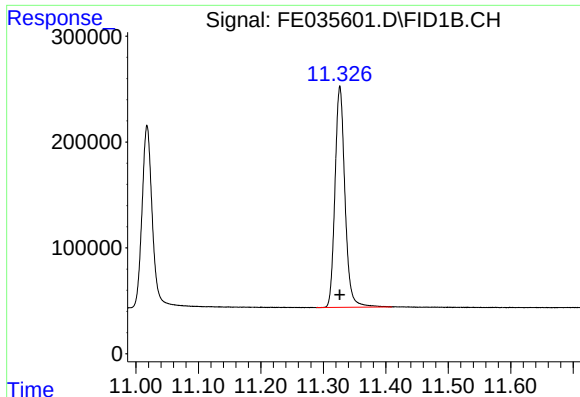
#7 n-Hexadecane (C16)

R.T.: 9.584 min
Delta R.T.: 0.000 min
Response: 1911170
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

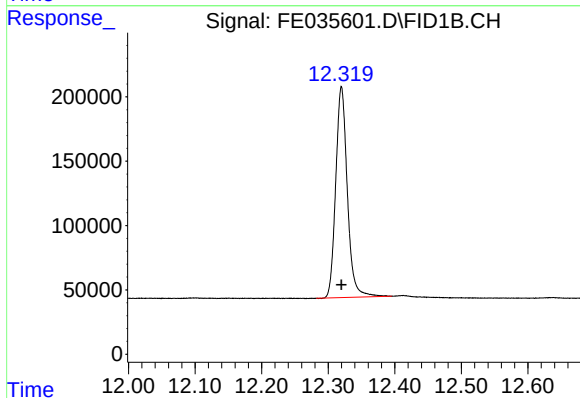
R.T.: 11.018 min
Delta R.T.: 0.000 min
Response: 1962449
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

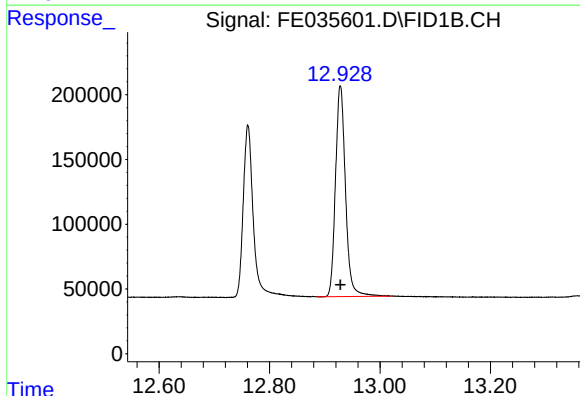
R.T.: 11.327 min
Delta R.T.: 0.000 min
Response: 2314561
Conc: 21.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



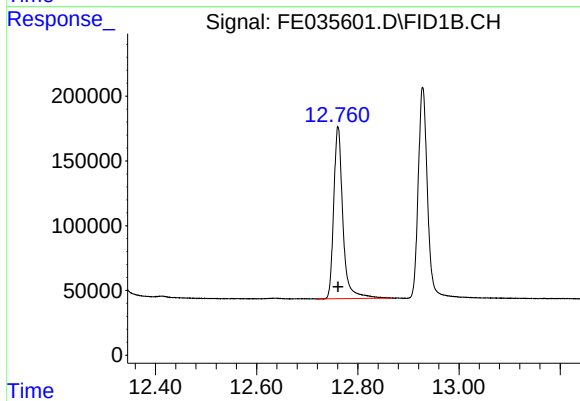
#10 n-Eicosane (C20)

R.T.: 12.320 min
Delta R.T.: 0.000 min
Response: 1986094
Conc: 20.84 ug/ml



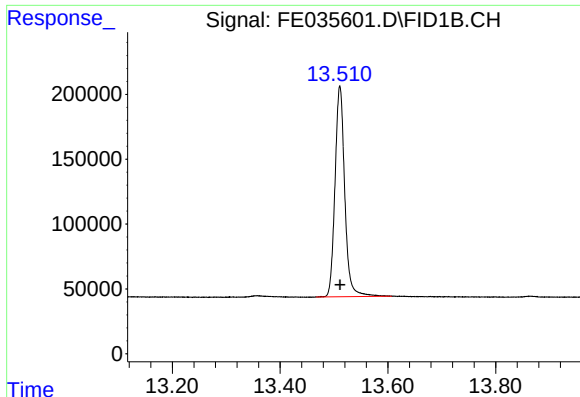
#11 n-Heneicosane (C21)

R.T.: 12.928 min
Delta R.T.: 0.000 min
Response: 2048867
Conc: 21.29 ug/ml



#12 1-chlorooctadecane (SURR)

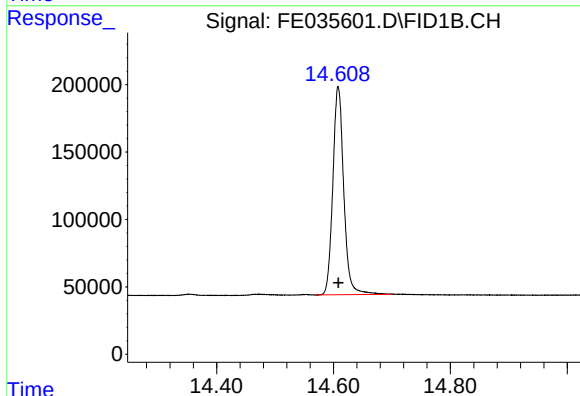
R.T.: 12.761 min
Delta R.T.: 0.000 min
Response: 1675539
Conc: 20.71 ug/ml



#13 n-Docosane (C22)

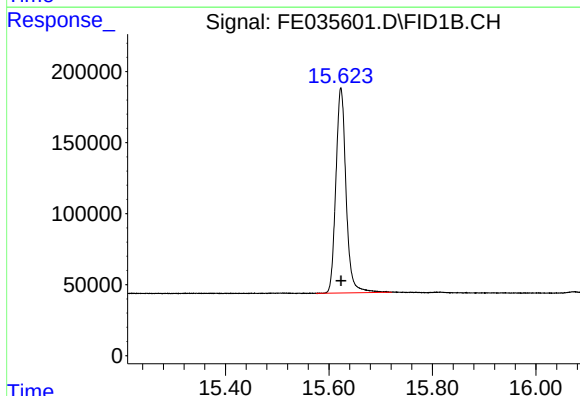
R.T.: 13.511 min
Delta R.T.: 0.000 min
Response: 2034718
Conc: 21.19 ug/ml

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20 PPM ALIPHATIC HC STD



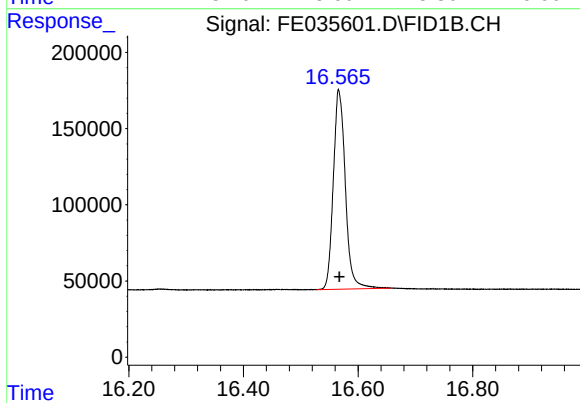
#14 n-Tetracosane (C24)

R.T.: 14.608 min
Delta R.T.: 0.000 min
Response: 2005194
Conc: 21.16 ug/ml



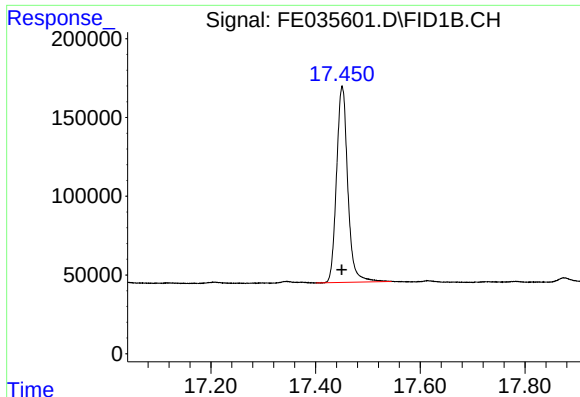
#15 n-Hexacosane (C26)

R.T.: 15.623 min
Delta R.T.: 0.000 min
Response: 1968764
Conc: 21.11 ug/ml



#16 n-Octacosane (C28)

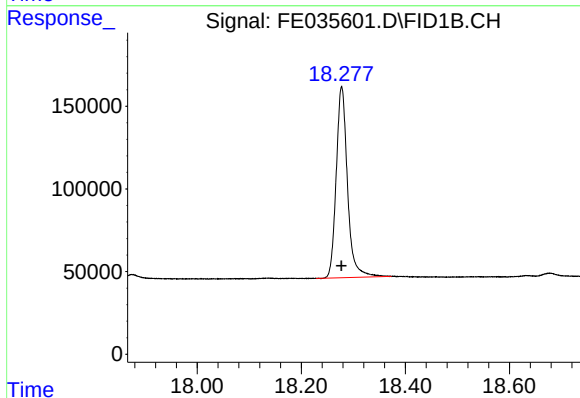
R.T.: 16.566 min
Delta R.T.: -0.001 min
Response: 1907790
Conc: 21.40 ug/ml



#17 n-Tricontane (C30)

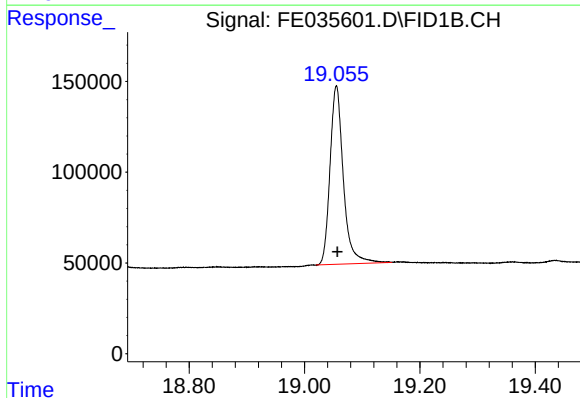
R.T.: 17.451 min
Delta R.T.: 0.000 min
Response: 1851914
Conc: 21.52 ug/ml

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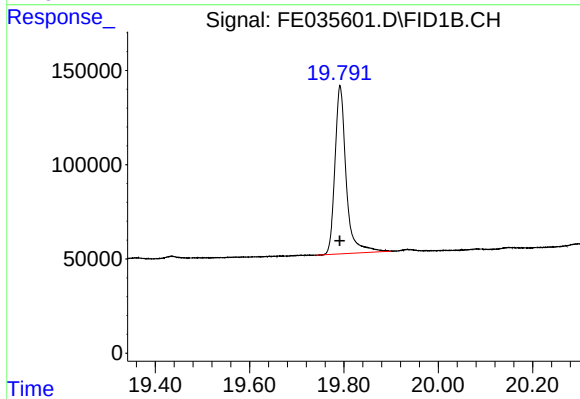
#18 n-Dotriacontane (C32)

R.T.: 18.278 min
Delta R.T.: 0.000 min
Response: 1737629
Conc: 20.91 ug/ml



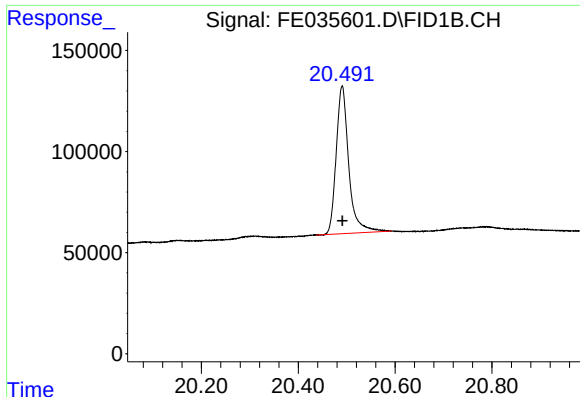
#19 n-Tetratriacontane (C34)

R.T.: 19.055 min
Delta R.T.: -0.002 min
Response: 1577719
Conc: 21.27 ug/ml



#20 n-Hexatriacontane (C36)

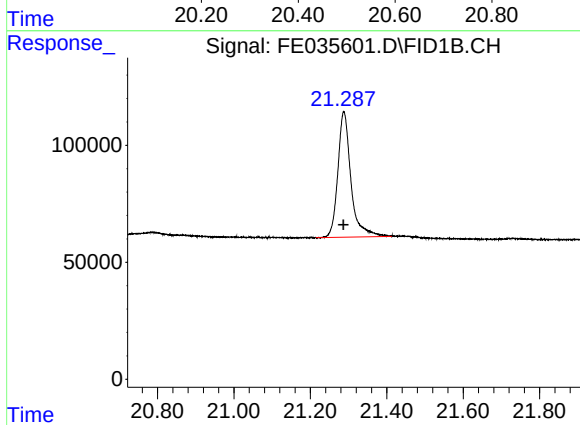
R.T.: 19.792 min
Delta R.T.: 0.000 min
Response: 1471874
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.491 min
Delta R.T.: 0.000 min
Response: 1316579
Conc: 19.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.287 min
Delta R.T.: 0.000 min
Response: 1281059
Conc: 18.22 ug/ml