

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
 Data File : FE035593.D
 Signal(s) : FID1B.CH
 Acq On : 31 Mar 2022 2:50
 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 03:29:59 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	2264339	21.257 ug/ml
Spiked Amount 50.000		Recovery =	42.51%
12) S 1-chlorooctadecane (S...	12.760	1645066	20.338 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	3.151	1967406	20.667 ug/ml
2) T n-Decane (C10)	4.202	1921751	20.670 ug/ml
3) T A~Naphthalene (C11.7)	5.773	1860138	19.585 ug/ml
4) T n-Dodecane (C12)	6.207	1969859	20.962 ug/ml
5) T A~2-methylnaphthalene...	6.823	1832485	19.142 ug/ml
6) T n-Tetradecane (C14)	7.992	1915559	20.715 ug/ml
7) T n-Hexadecane (C16)	9.583	1912813	20.511 ug/ml
8) T n-Octadecane (C18)	11.017	1956413	20.692 ug/ml
10) T n-Eicosane (C20)	12.320	1957944	20.547 ug/ml
11) T n-Heneicosane (C21)	12.928	2007329	20.858 ug/ml
13) T n-Docosane (C22)	13.511	1977276	20.596 ug/ml
14) T n-Tetracosane (C24)	14.608	1934451	20.415 ug/ml
15) T n-Hexacosane (C26)	15.623	1892930	20.298 ug/ml
16) T n-Octacosane (C28)	16.566	1822213	20.436 ug/ml
17) T n-Tricontane (C30)	17.448	1767581	20.544 ug/ml
18) T n-Dotriacontane (C32)	18.277	1705204	20.524 ug/ml
19) T n-Tetratriacontane (C34)	19.055	1498846	20.203 ug/ml
20) T n-Hexatriacontane (C36)	19.792	1342785	18.847 ug/ml
21) T n-Octatriacontane (C38)	20.490	1242912	18.699 ug/ml
22) T n-Tetracontane (C40)	21.288	1268833	18.048 ug/ml

(f)=RT Delta > 1/2 Window

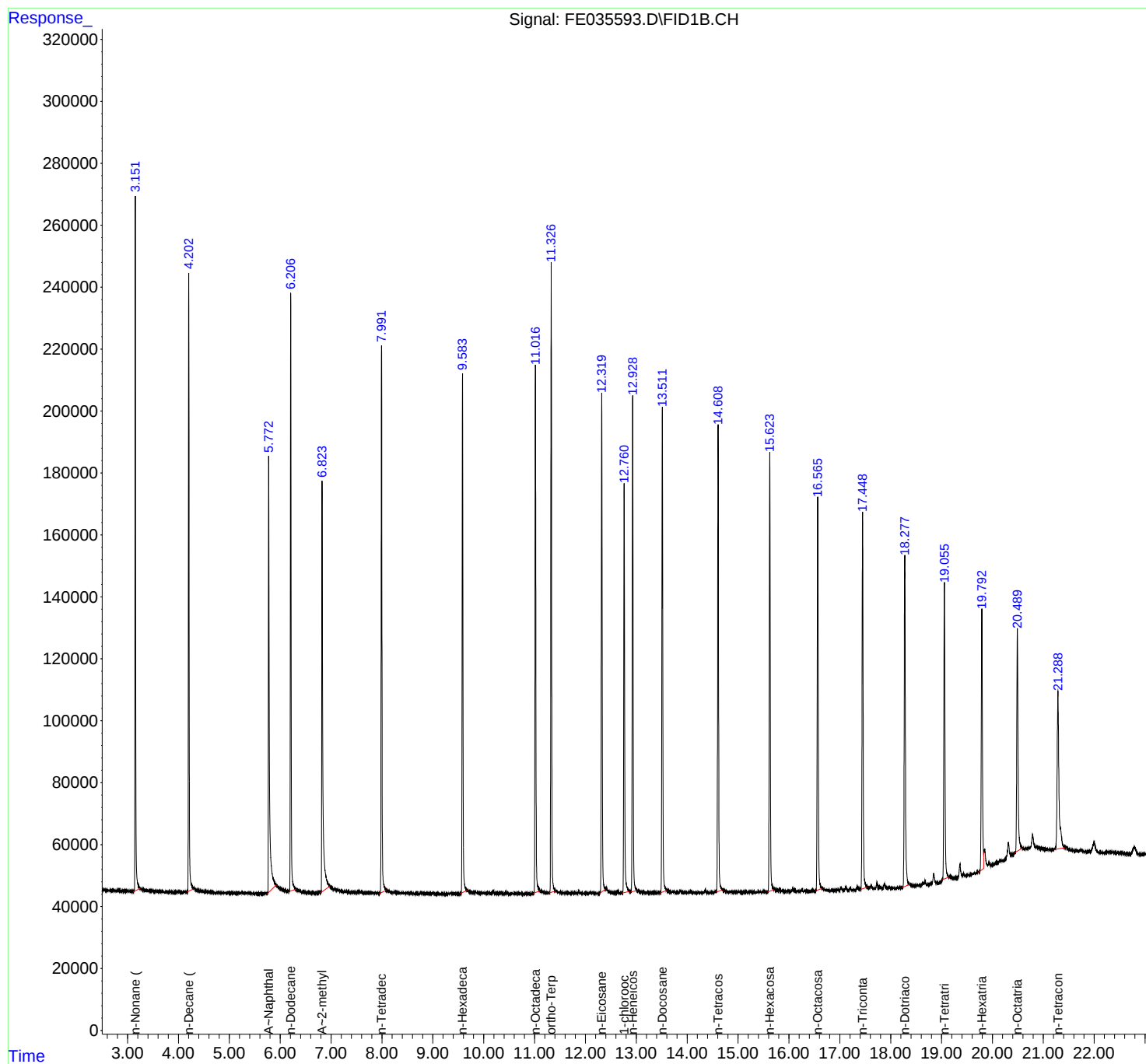
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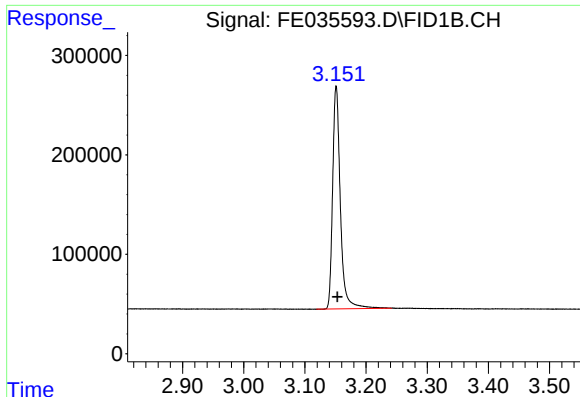
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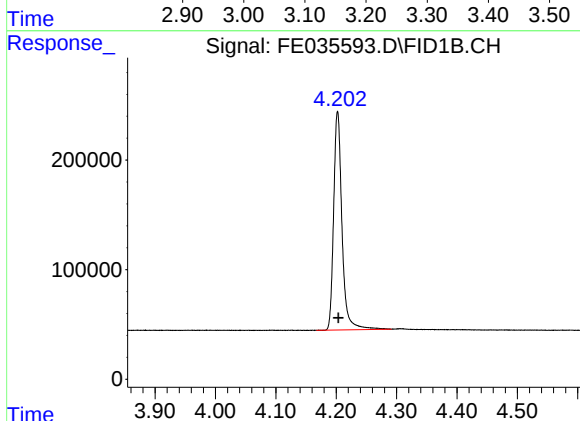




#1 n-Nonane (C9)

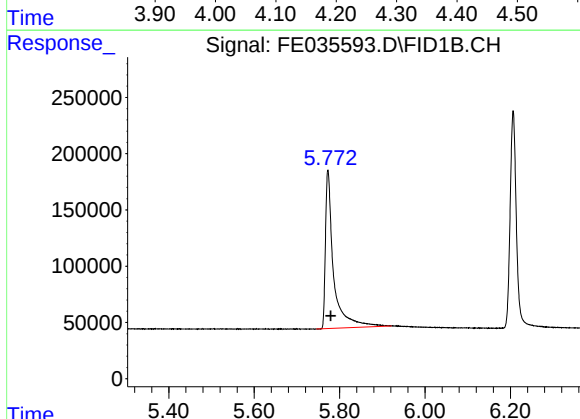
R.T.: 3.151 min
Delta R.T.: -0.002 min
Response: 1967406
Conc: 20.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



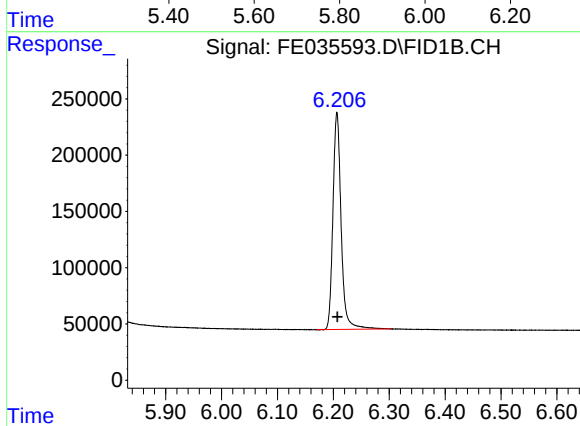
#2 n-Decane (C10)

R.T.: 4.202 min
Delta R.T.: -0.001 min
Response: 1921751
Conc: 20.67 ug/ml



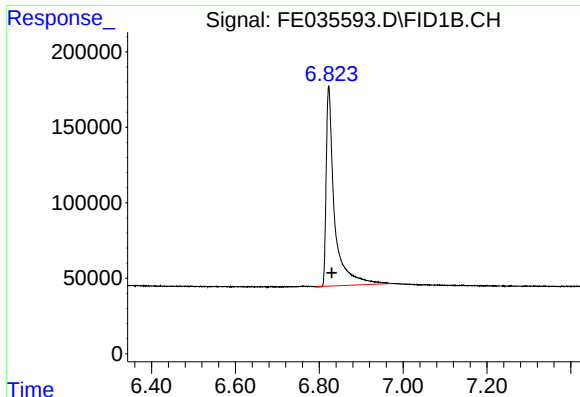
#3 A~Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.007 min
Response: 1860138
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

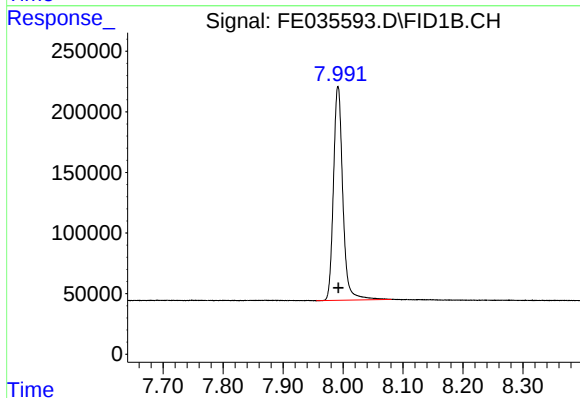
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 1969859
Conc: 20.96 ug/ml



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

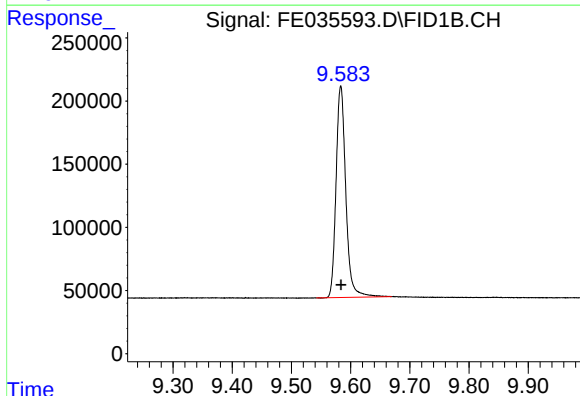
R.T.: 6.823 min
Delta R.T.: -0.007 min
Response: 1832485
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



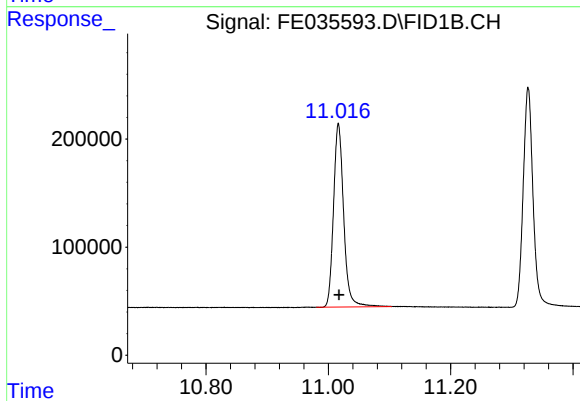
#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 1915559
Conc: 20.72 ug/ml



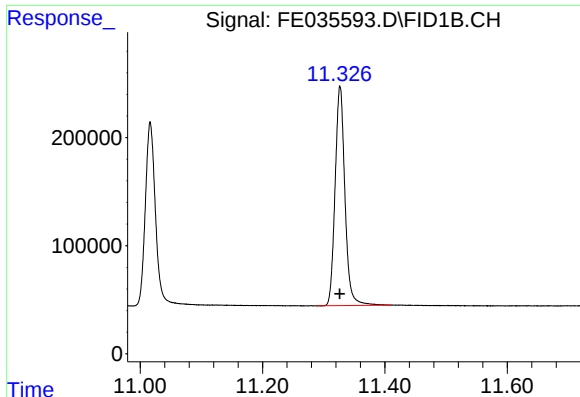
#7 n-Hexadecane (C16)

R.T.: 9.583 min
Delta R.T.: 0.000 min
Response: 1912813
Conc: 20.51 ug/ml



#8 n-Octadecane (C18)

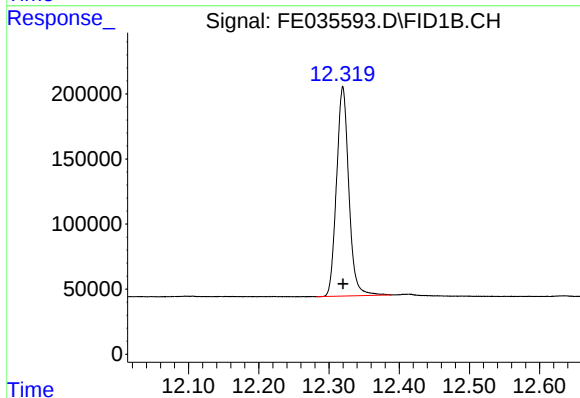
R.T.: 11.017 min
Delta R.T.: 0.000 min
Response: 1956413
Conc: 20.69 ug/ml



#9 ortho-Terphenyl (SURR)

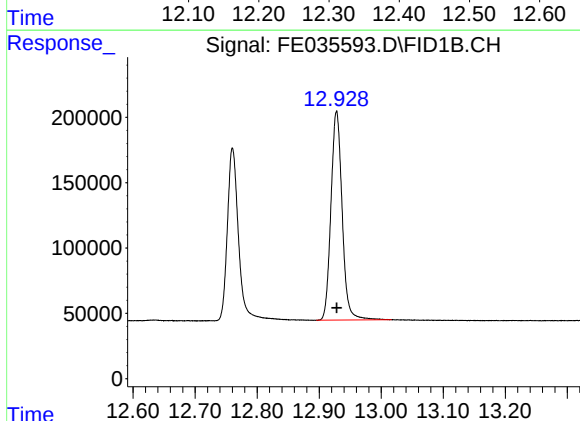
R.T.: 11.327 min
Delta R.T.: 0.000 min
Response: 2264339
Conc: 21.26 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



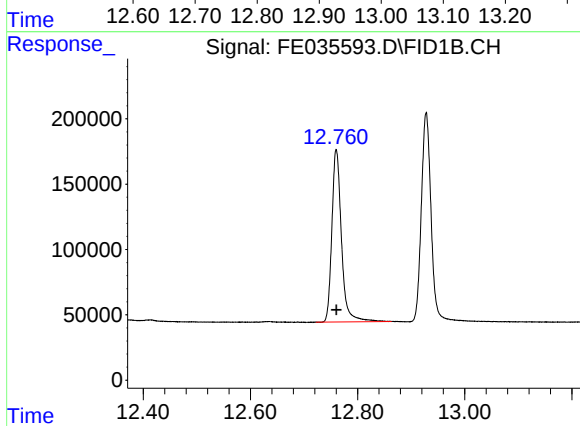
#10 n-Eicosane (C20)

R.T.: 12.320 min
Delta R.T.: 0.000 min
Response: 1957944
Conc: 20.55 ug/ml



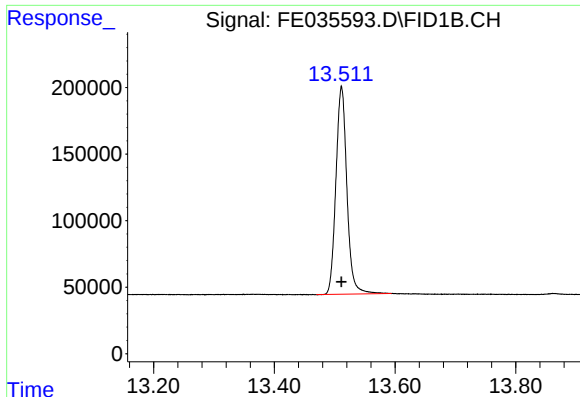
#11 n-Heneicosane (C21)

R.T.: 12.928 min
Delta R.T.: 0.000 min
Response: 2007329
Conc: 20.86 ug/ml



#12 1-chlorooctadecane (SURR)

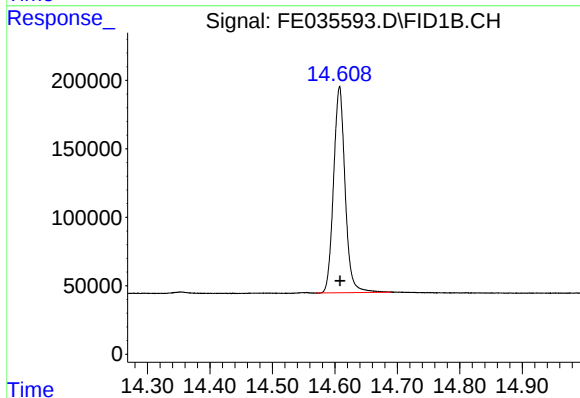
R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 1645066
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

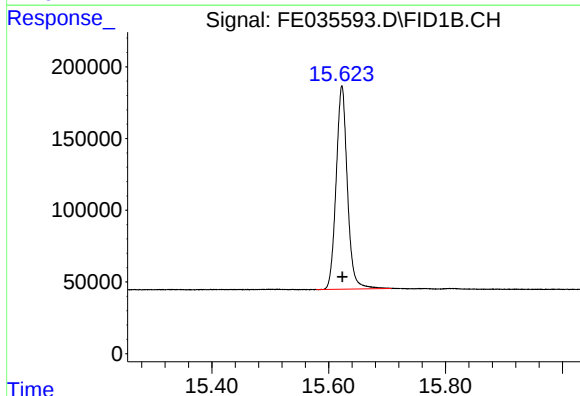
R.T.: 13.511 min
Delta R.T.: 0.000 min
Response: 1977276
Conc: 20.60 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



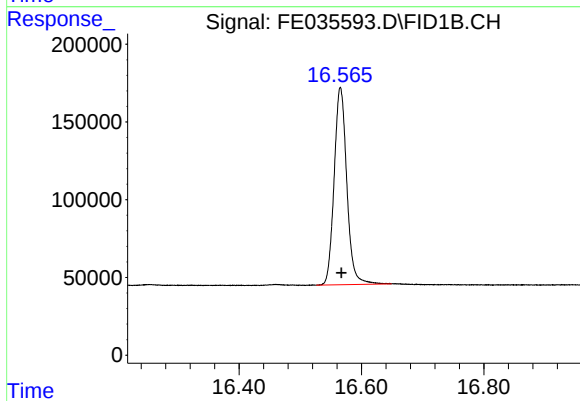
#14 n-Tetracosane (C24)

R.T.: 14.608 min
Delta R.T.: 0.000 min
Response: 1934451
Conc: 20.41 ug/ml



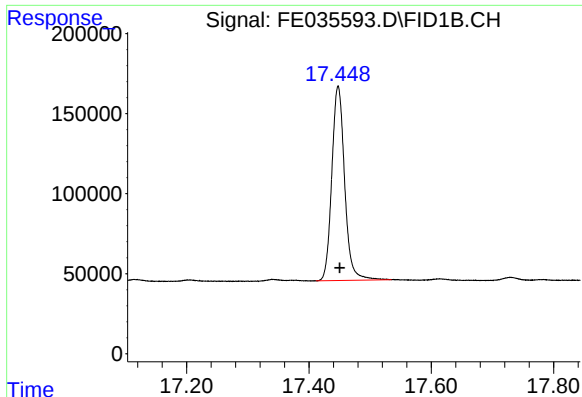
#15 n-Hexacosane (C26)

R.T.: 15.623 min
Delta R.T.: 0.000 min
Response: 1892930
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

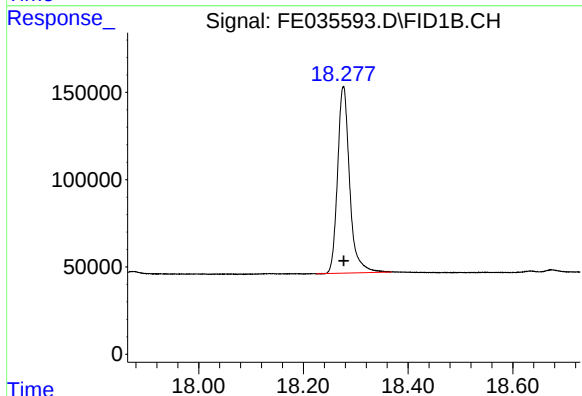
R.T.: 16.566 min
Delta R.T.: -0.002 min
Response: 1822213
Conc: 20.44 ug/ml



#17 n-Tricontane (C30)

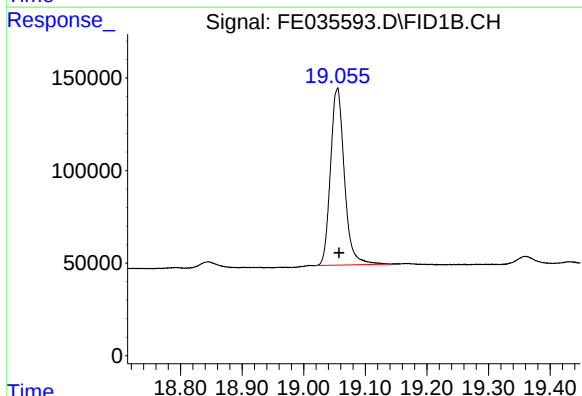
R.T.: 17.448 min
Delta R.T.: -0.002 min
Response: 1767581
Conc: 20.54 ug/ml

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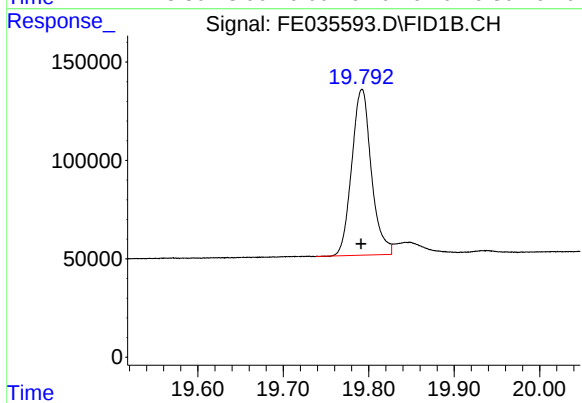
#18 n-Dotriacontane (C32)

R.T.: 18.277 min
Delta R.T.: 0.000 min
Response: 1705204
Conc: 20.52 ug/ml



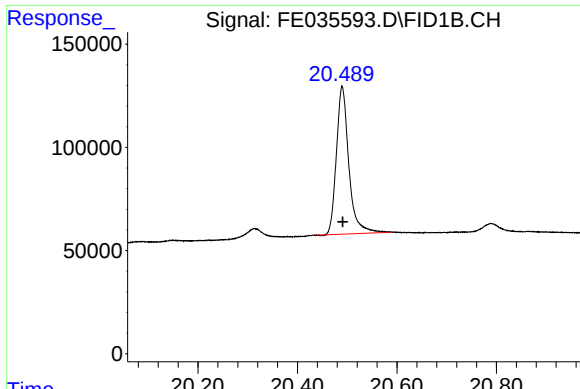
#19 n-Tetratriacontane (C34)

R.T.: 19.055 min
Delta R.T.: -0.003 min
Response: 1498846
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

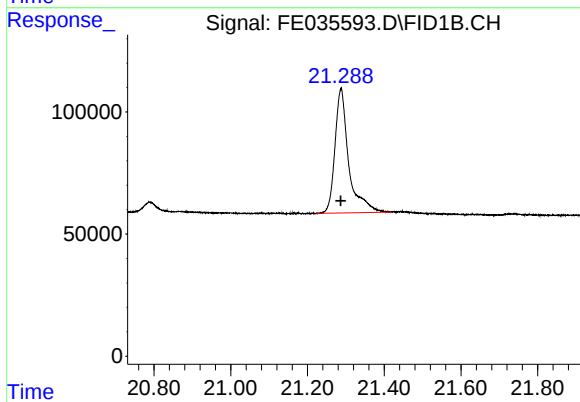
R.T.: 19.792 min
Delta R.T.: 0.001 min
Response: 1342785
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.490 min
Delta R.T.: -0.001 min
Response: 1242912
Conc: 18.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.288 min
Delta R.T.: 0.000 min
Response: 1268833
Conc: 18.05 ug/ml