

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022322AL\
 Data File : FE035164.D
 Signal(s) : FID1B.CH
 Acq On : 23 Feb 2022 1:25
 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: Feb 23 01:57:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 01:24:23 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)	11.736	23484125	23.535 ug/ml
Spiked Amount 50.000		Recovery =	47.07%
12) S 1-chlorooctadecane (S...	13.151	18392239	23.682 ug/ml
Spiked Amount 50.000		Recovery =	47.36%
Target Compounds			
1) T n-Nonane (C9)	3.616	19633050	23.922 ug/ml
2) T n-Decane (C10)	4.613	20366729	24.049 ug/ml
3) T A~Naphthalene (C11.7)	6.168	22224290	23.552 ug/ml
4) T n-Dodecane (C12)	6.587	20759091	23.638 ug/ml
5) T A~2-methylnaphthalene...	7.218	22368919	23.487 ug/ml
6) T n-Tetradecane (C14)	8.370	20928559	23.806 ug/ml
7) T n-Hexadecane (C16)	9.964	21210271	23.800 ug/ml
8) T n-Octadecane (C18)	11.404	21411735	23.736 ug/ml
10) T n-Eicosane (C20)	12.706	21260453	23.695 ug/ml
11) T n-Heneicosane (C21)	13.318	21277607	23.655 ug/ml
13) T n-Docosane (C22)	13.901	21134605	23.600 ug/ml
14) T n-Tetracosane (C24)	14.998	20598876	23.392 ug/ml
15) T n-Hexacosane (C26)	16.014	19380777	22.967 ug/ml
16) T n-Octacosane (C28)	16.959	17380378	22.137 ug/ml
17) T n-Tricontane (C30)	17.840	14494815	20.808 ug/ml
18) T n-Dotriacontane (C32)	18.666	10707662	18.970 ug/ml
19) T n-Tetratriacontane (C34)	19.441	7116282	17.079 ug/ml
20) T n-Hexatriacontane (C36)	20.175	4435970	15.822 ug/ml
21) T n-Octatriacontane (C38)	20.921	2790822	15.243 ug/ml
22) T n-Tetracontane (C40)	21.849	1971588	15.825 ug/ml

(f)=RT Delta > 1/2 Window

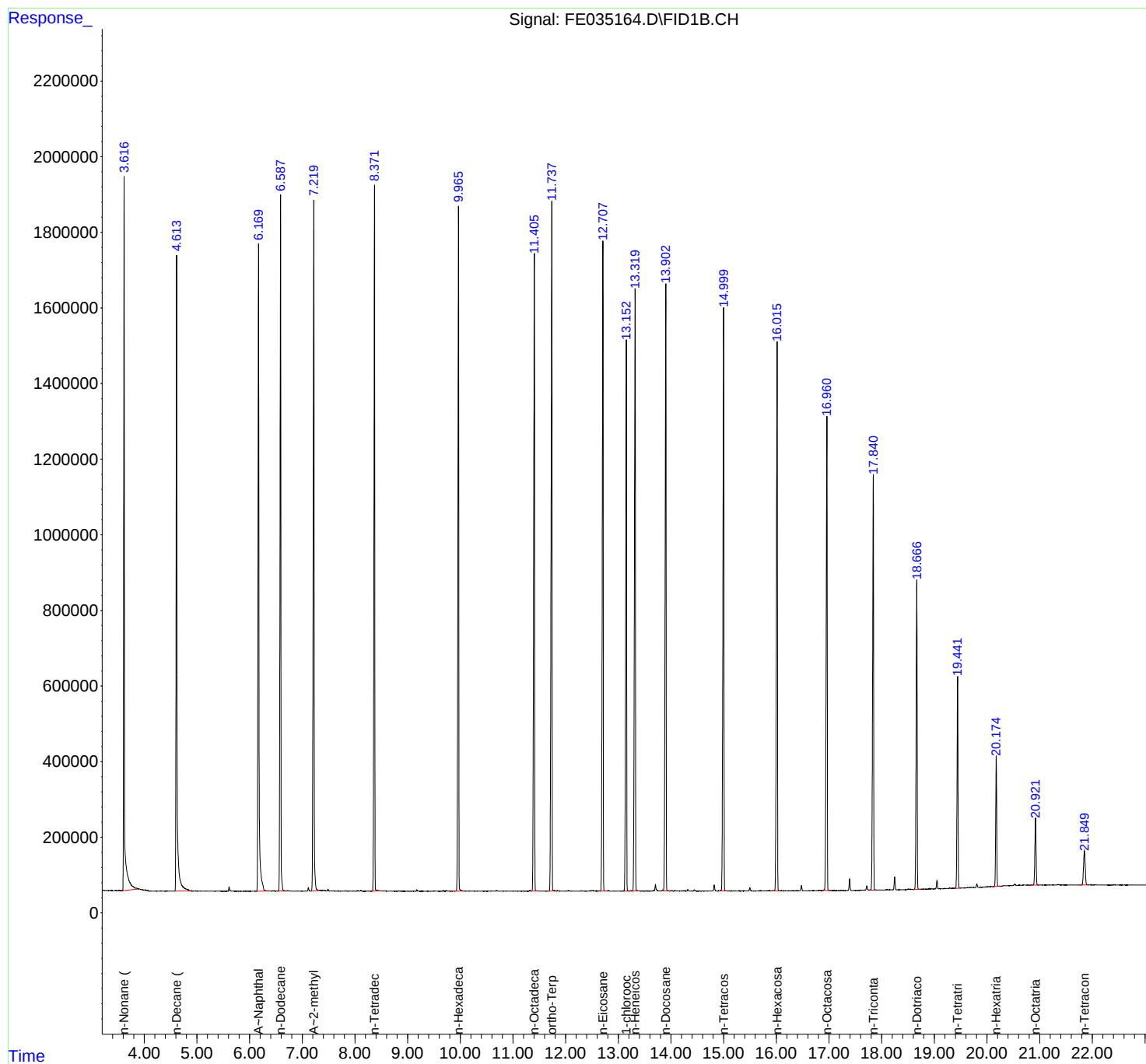
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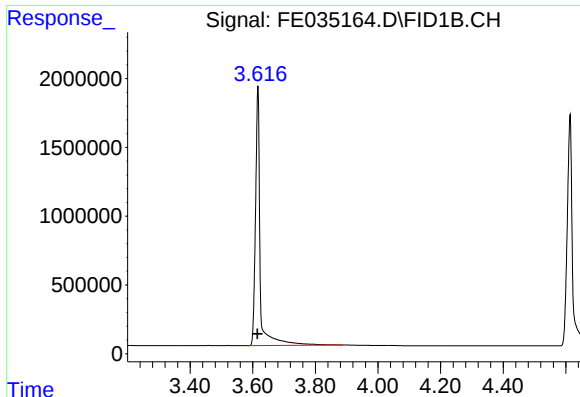
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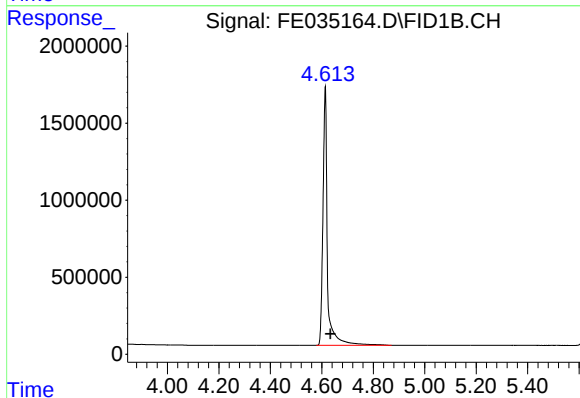




#1 n-Nonane (C9)

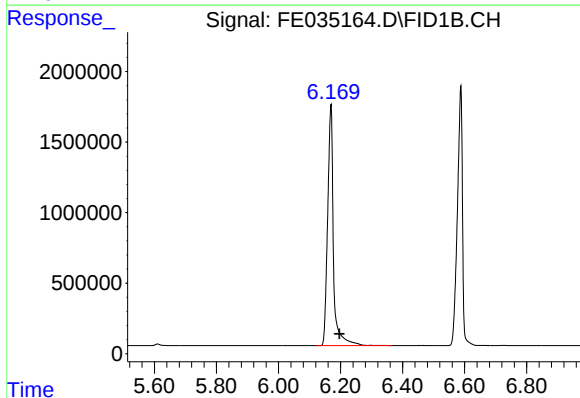
R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 19633050
Conc: 23.92 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



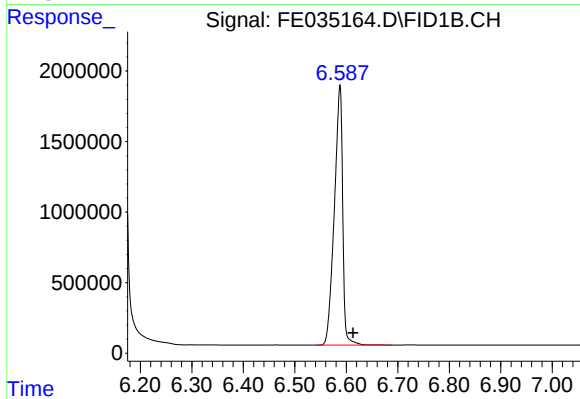
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.021 min
Response: 20366729
Conc: 24.05 ug/ml



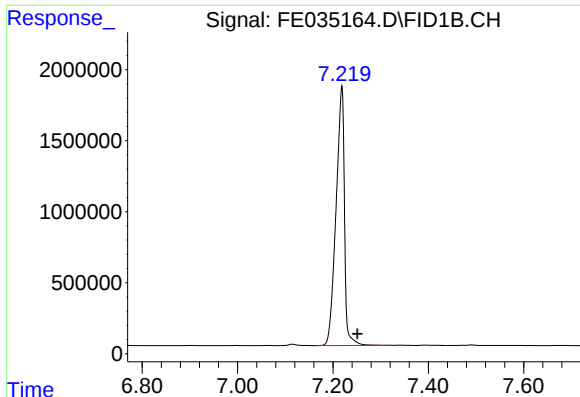
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.028 min
Response: 22224290
Conc: 23.55 ug/ml



#4 n-Dodecane (C12)

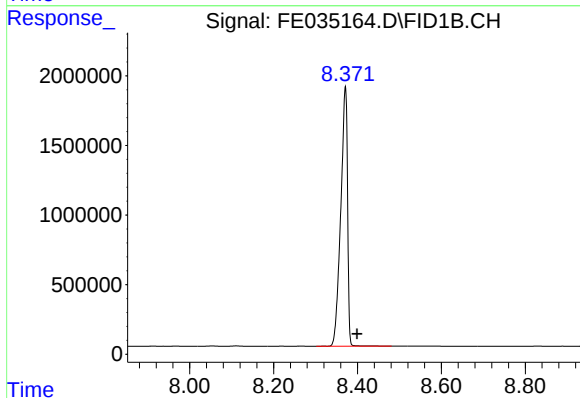
R.T.: 6.587 min
Delta R.T.: -0.026 min
Response: 20759091
Conc: 23.64 ug/ml



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

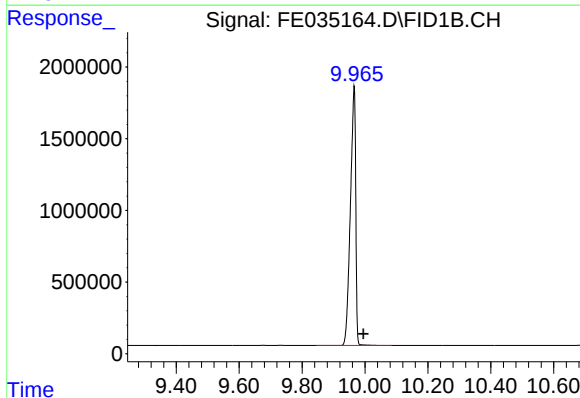
R.T.: 7.218 min
Delta R.T.: -0.034 min
Response: 22368919
Conc: 23.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



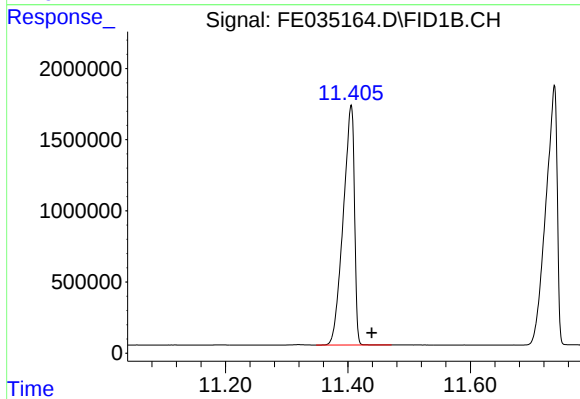
#6 n-Tetradecane (C14)

R.T.: 8.370 min
Delta R.T.: -0.028 min
Response: 20928559
Conc: 23.81 ug/ml



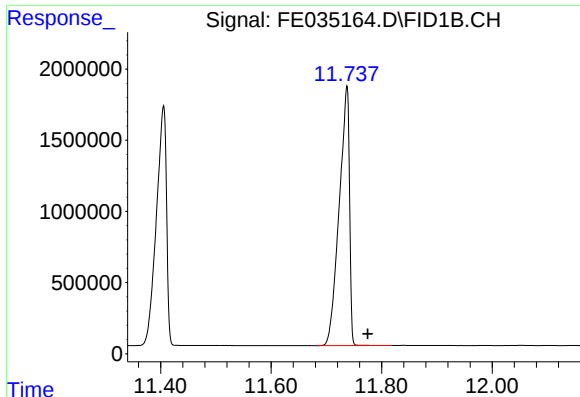
#7 n-Hexadecane (C16)

R.T.: 9.964 min
Delta R.T.: -0.031 min
Response: 21210271
Conc: 23.80 ug/ml



#8 n-Octadecane (C18)

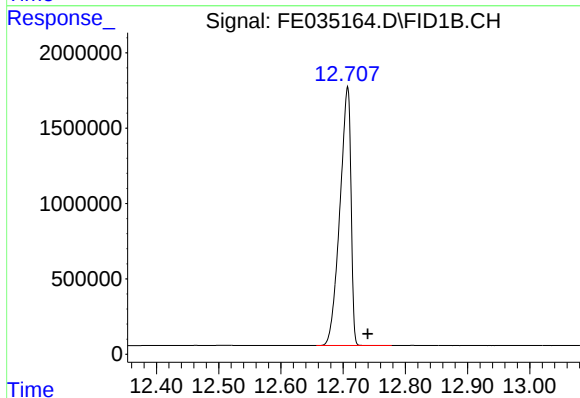
R.T.: 11.404 min
Delta R.T.: -0.035 min
Response: 21411735
Conc: 23.74 ug/ml



#9 ortho-Terphenyl (SURR)

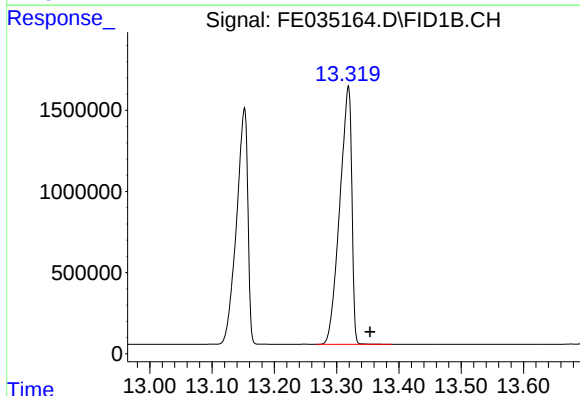
R.T.: 11.736 min
Delta R.T.: -0.039 min
Response: 23484125
Conc: 23.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



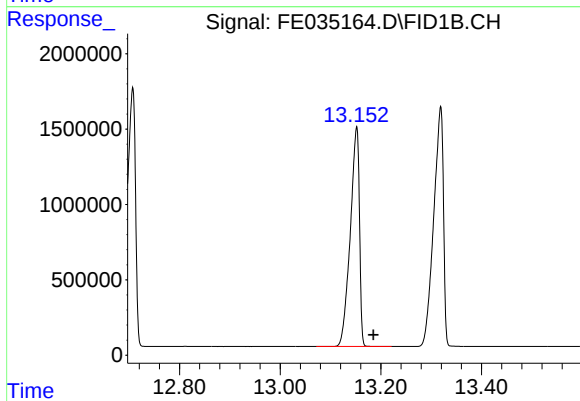
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: -0.033 min
Response: 21260453
Conc: 23.70 ug/ml



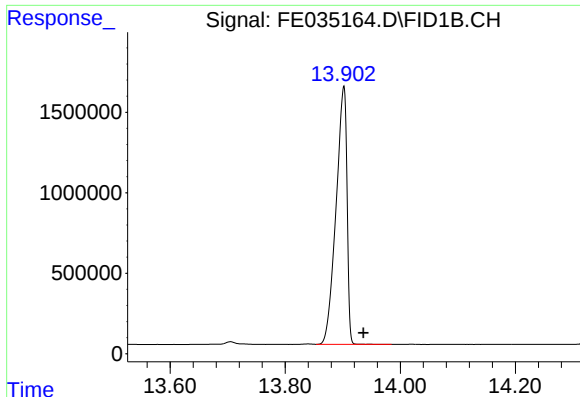
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.036 min
Response: 21277607
Conc: 23.66 ug/ml



#12 1-chlorooctadecane (SURR)

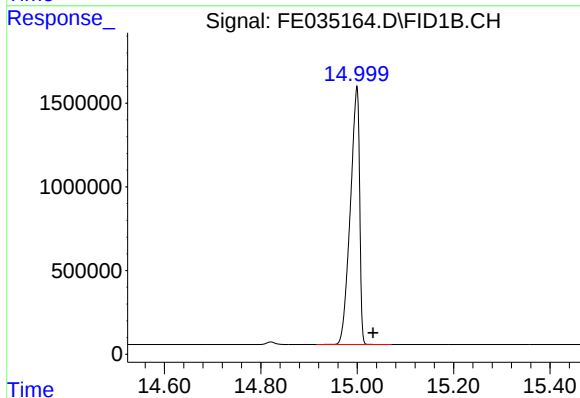
R.T.: 13.151 min
Delta R.T.: -0.034 min
Response: 18392239
Conc: 23.68 ug/ml



#13 n-Docosane (C22)

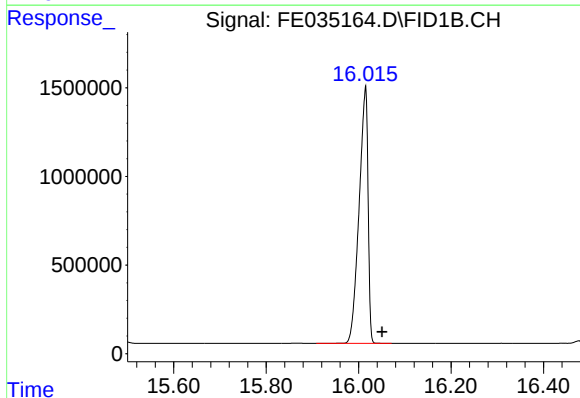
R.T.: 13.901 min
Delta R.T.: -0.035 min
Response: 21134605
Conc: 23.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



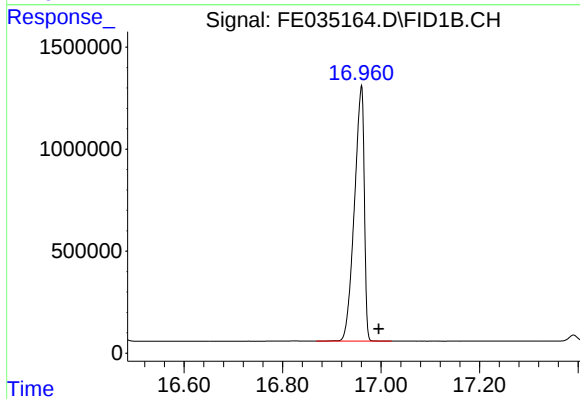
#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: -0.035 min
Response: 20598876
Conc: 23.39 ug/ml



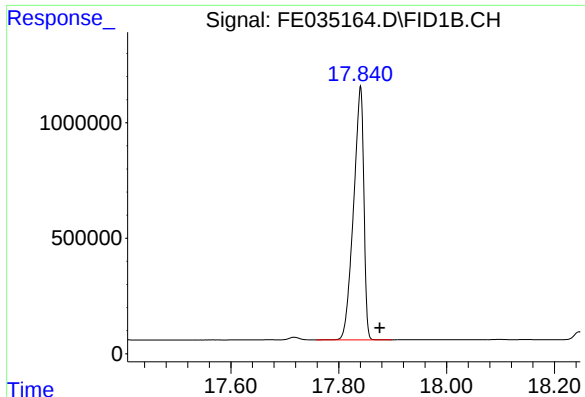
#15 n-Hexacosane (C26)

R.T.: 16.014 min
Delta R.T.: -0.037 min
Response: 19380777
Conc: 22.97 ug/ml



#16 n-Octacosane (C28)

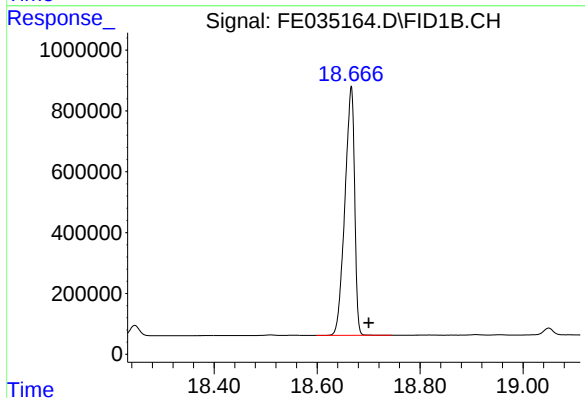
R.T.: 16.959 min
Delta R.T.: -0.036 min
Response: 17380378
Conc: 22.14 ug/ml



#17 n-Tricontane (C30)

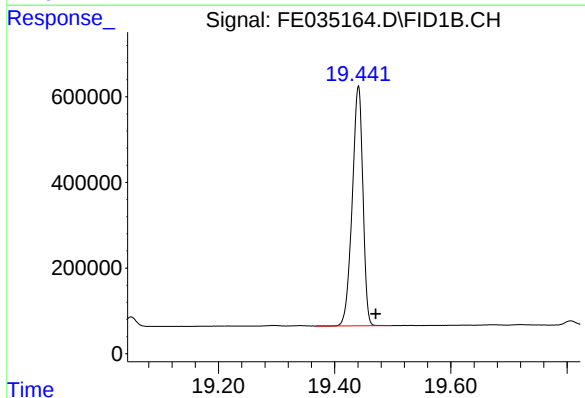
R.T.: 17.840 min
Delta R.T.: -0.036 min
Response: 14494815
Conc: 20.81 ug/ml

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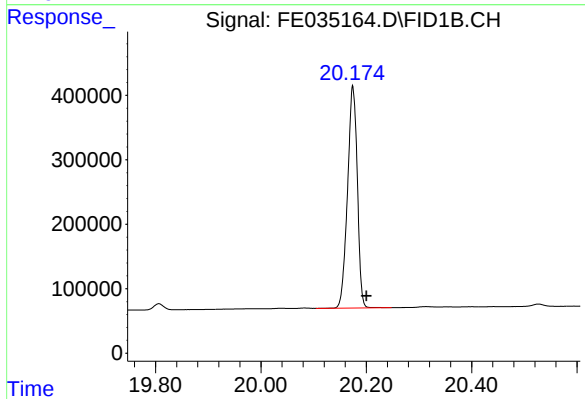
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: -0.034 min
Response: 10707662
Conc: 18.97 ug/ml



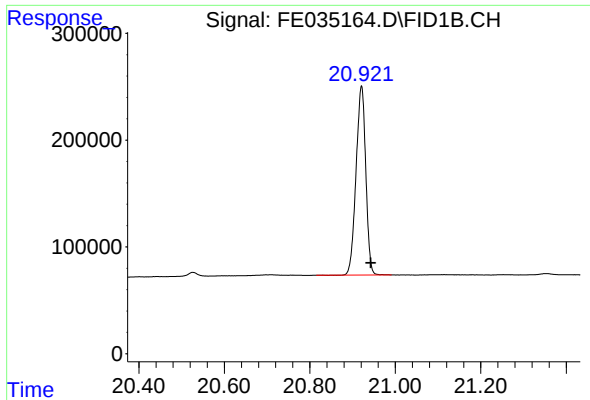
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.030 min
Response: 7116282
Conc: 17.08 ug/ml



#20 n-Hexatriacontane (C36)

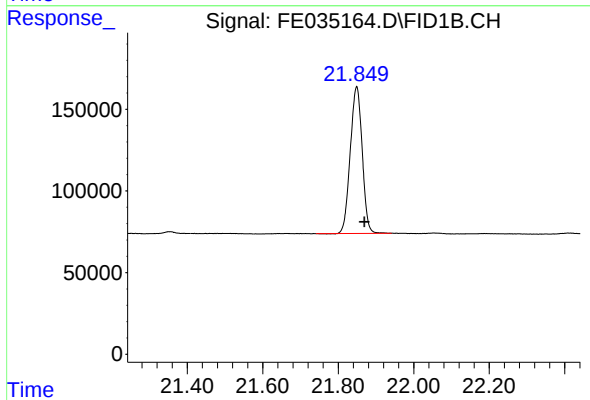
R.T.: 20.175 min
Delta R.T.: -0.026 min
Response: 4435970
Conc: 15.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.022 min
Response: 2790822
Conc: 15.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.849 min
Delta R.T.: -0.021 min
Response: 1971588
Conc: 15.82 ug/ml