

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021122AL\
 Data File : FE035005.D
 Signal(s) : FID1B.CH
 Acq On : 11 Feb 2022 12:59
 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: sample.E
 Quant Time: Feb 11 13:32:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 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)	11.120	6094284	20.809 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
12) S 1-chlorooctadecane (S...	12.550	4675035	20.910 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
Target Compounds			
1) T n-Nonane (C9)	2.985	5246065	20.681 ug/ml
2) T n-Decane (C10)	4.002	5307850	20.680 ug/ml
3) T A~Naphthalene (C11.7)	5.558	5936617	20.694 ug/ml
4) T n-Dodecane (C12)	5.990	5315059	20.659 ug/ml
5) T A~2-methylnaphthalene...	6.606	5938548	20.524 ug/ml
6) T n-Tetradecane (C14)	7.776	5402412	20.654 ug/ml
7) T n-Hexadecane (C16)	9.370	5435035	20.726 ug/ml
8) T n-Octadecane (C18)	10.807	5560172	20.853 ug/ml
10) T n-Eicosane (C20)	12.109	5448207	20.861 ug/ml
11) T n-Heneicosane (C21)	12.719	5465314	20.862 ug/ml
13) T n-Docosane (C22)	13.303	5368138	20.824 ug/ml
14) T n-Tetracosane (C24)	14.400	5294013	20.880 ug/ml
15) T n-Hexacosane (C26)	15.417	5097759	20.877 ug/ml
16) T n-Octacosane (C28)	16.362	5017328	21.085 ug/ml
17) T n-Tricontane (C30)	17.246	4946323	21.508 ug/ml
18) T n-Dotriacontane (C32)	18.074	4642944	21.721 ug/ml
19) T n-Tetratriacontane (C34)	18.855	4331733	21.493 ug/ml
20) T n-Hexatriacontane (C36)	19.590	4026713	21.289 ug/ml
21) T n-Octatriacontane (C38)	20.300	3836231	21.087 ug/ml
22) T n-Tetracontane (C40)	21.145	3872964	21.143 ug/ml

(f)=RT Delta > 1/2 Window

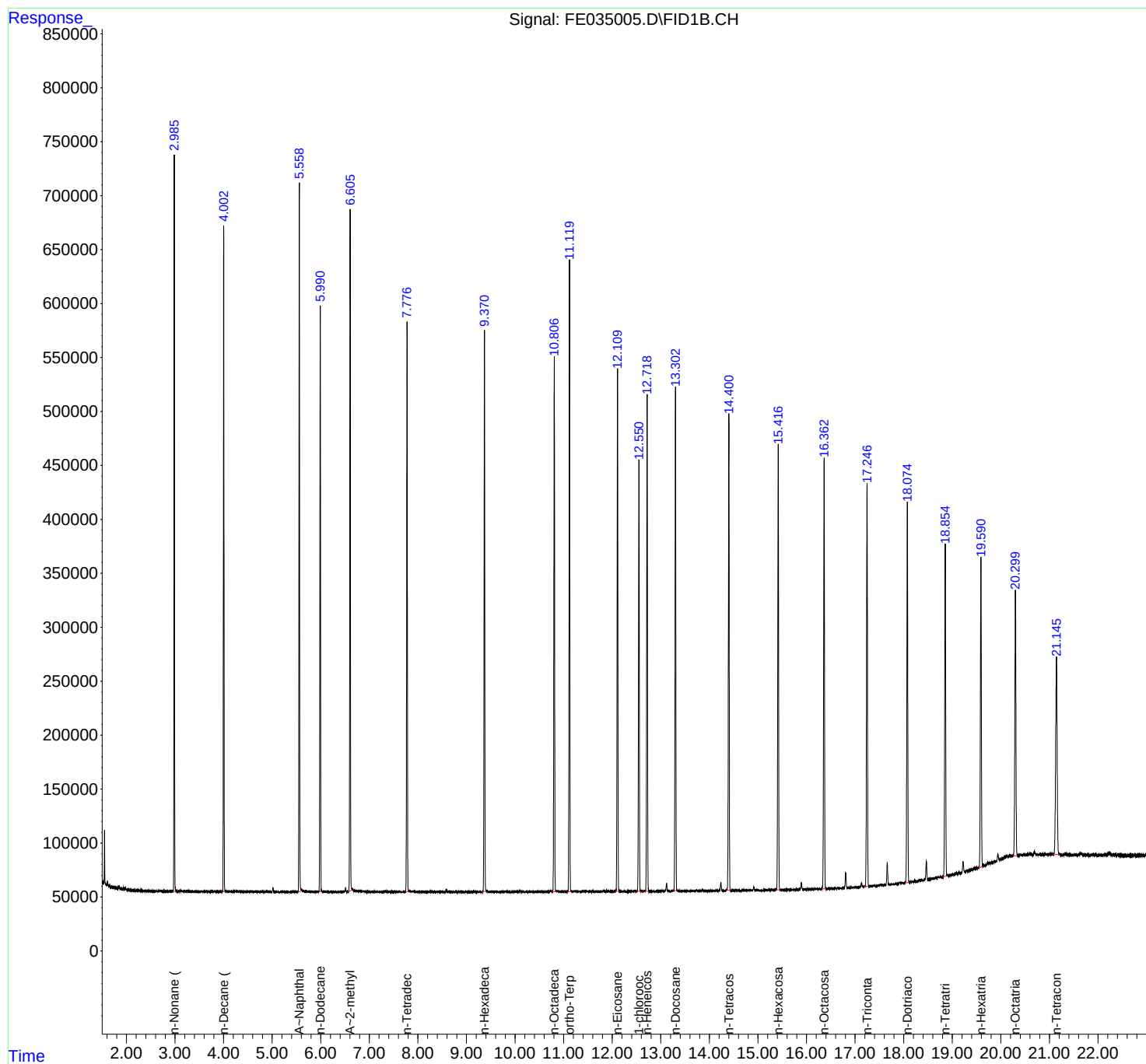
(m)=manual int.

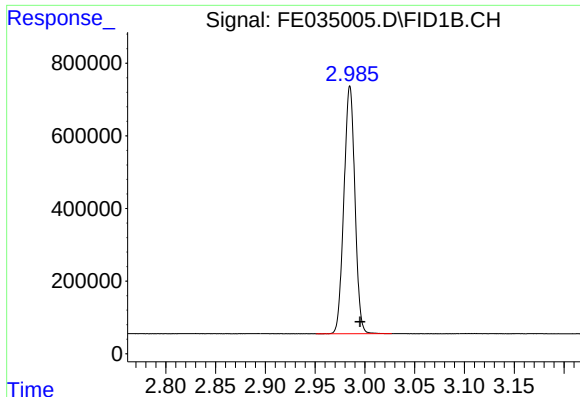
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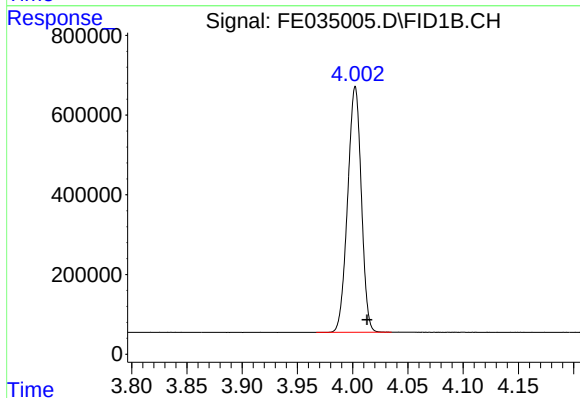




#1 n-Nonane (C9)

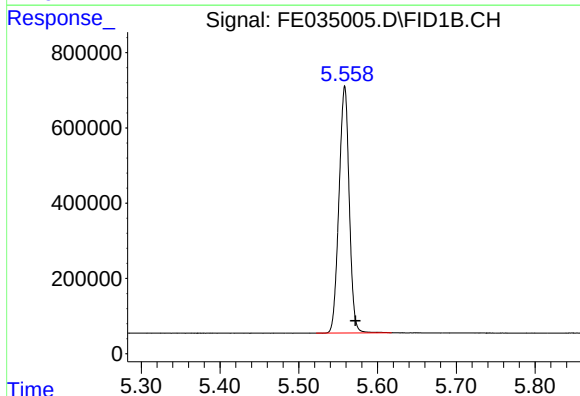
R.T.: 2.985 min
Delta R.T.: -0.010 min
Response: 5246065
Conc: 20.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



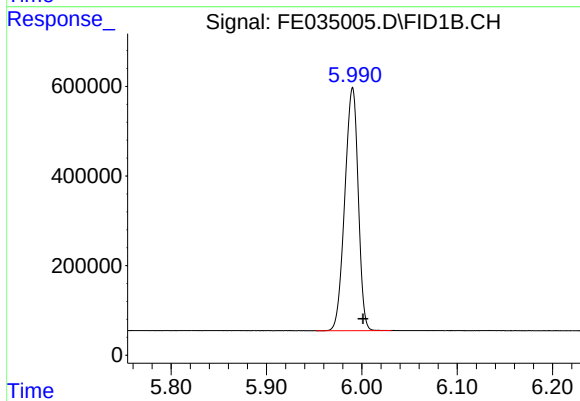
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: -0.011 min
Response: 5307850
Conc: 20.68 ug/ml



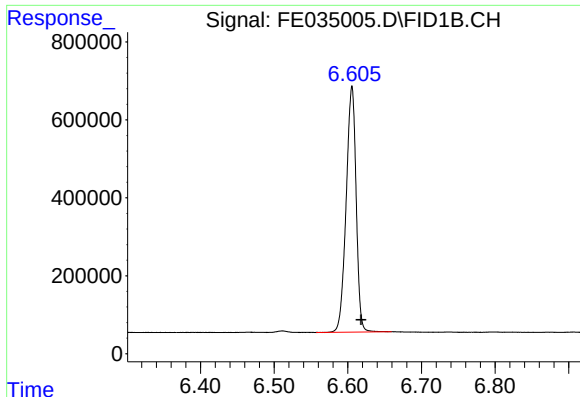
#3 A~Naphthalene (C11.7)

R.T.: 5.558 min
Delta R.T.: -0.013 min
Response: 5936617
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

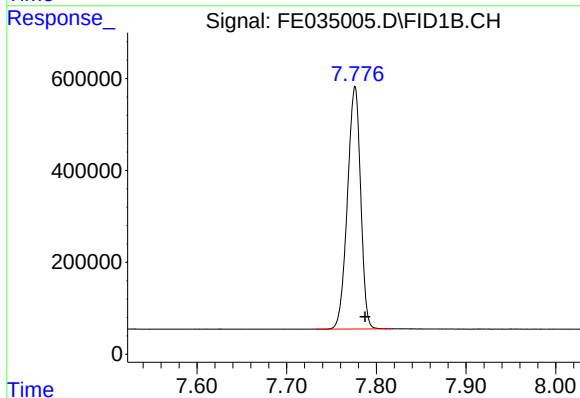
R.T.: 5.990 min
Delta R.T.: -0.011 min
Response: 5315059
Conc: 20.66 ug/ml



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

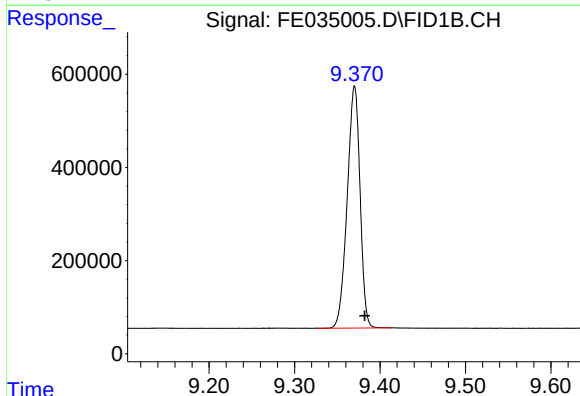
R.T.: 6.606 min
Delta R.T.: -0.012 min
Response: 5938548
Conc: 20.52 ug/ml

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20 PPM ALIPHATIC HC STD



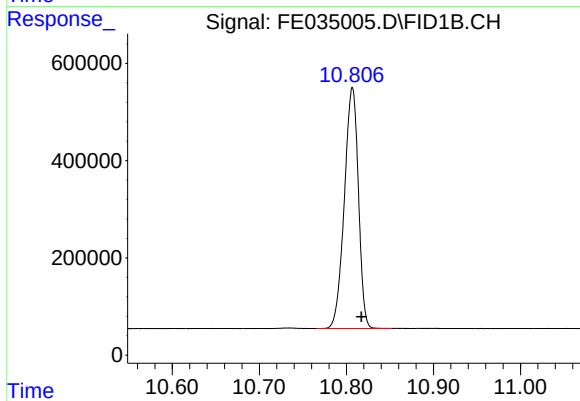
#6 n-Tetradecane (C14)

R.T.: 7.776 min
Delta R.T.: -0.011 min
Response: 5402412
Conc: 20.65 ug/ml



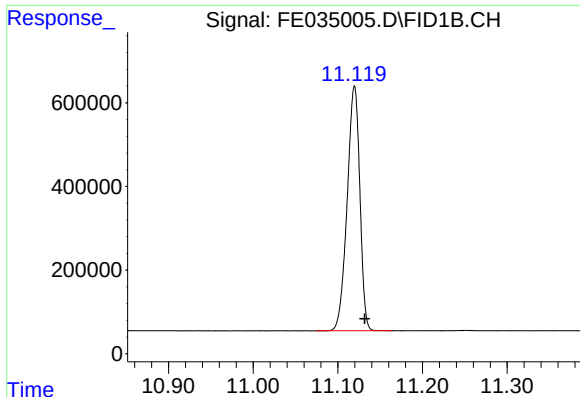
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.012 min
Response: 5435035
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

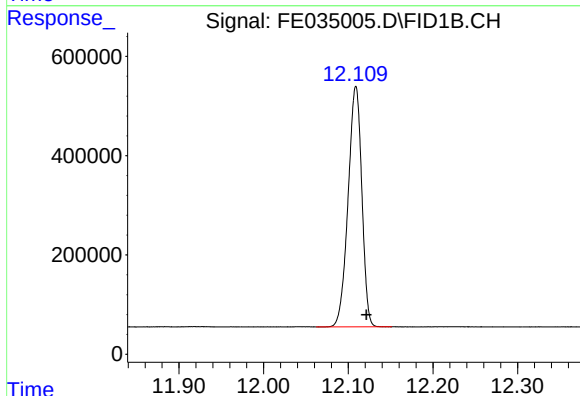
R.T.: 10.807 min
Delta R.T.: -0.010 min
Response: 5560172
Conc: 20.85 ug/ml



#9 ortho-Terphenyl (SURR)

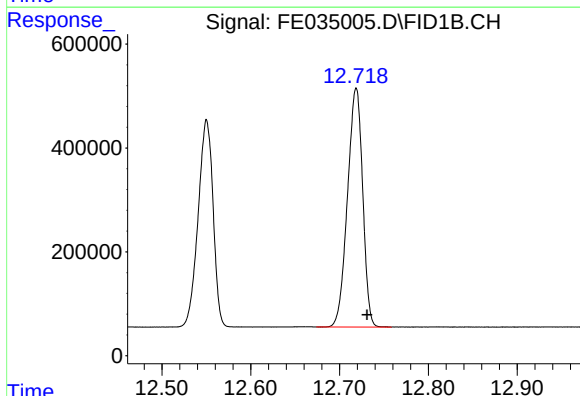
R.T.: 11.120 min
Delta R.T.: -0.012 min
Response: 6094284
Conc: 20.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



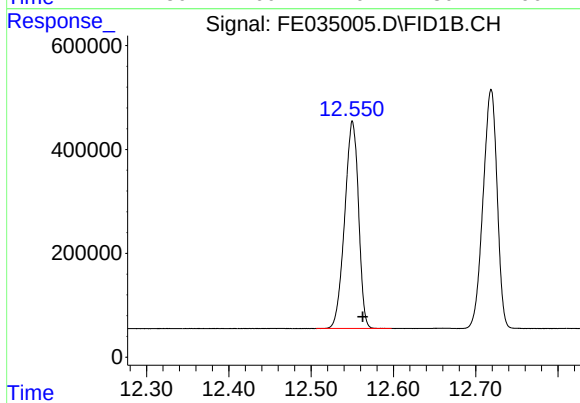
#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: -0.013 min
Response: 5448207
Conc: 20.86 ug/ml



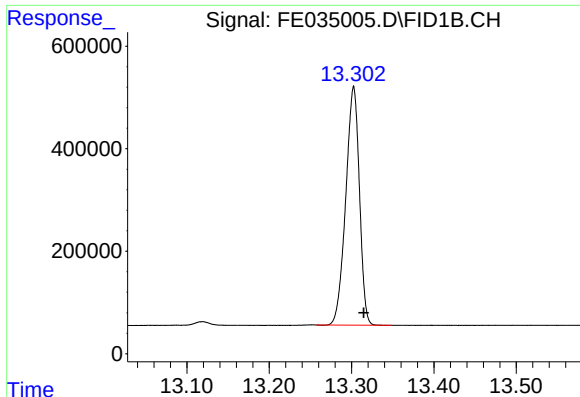
#11 n-Heneicosane (C21)

R.T.: 12.719 min
Delta R.T.: -0.012 min
Response: 5465314
Conc: 20.86 ug/ml



#12 1-chlorooctadecane (SURR)

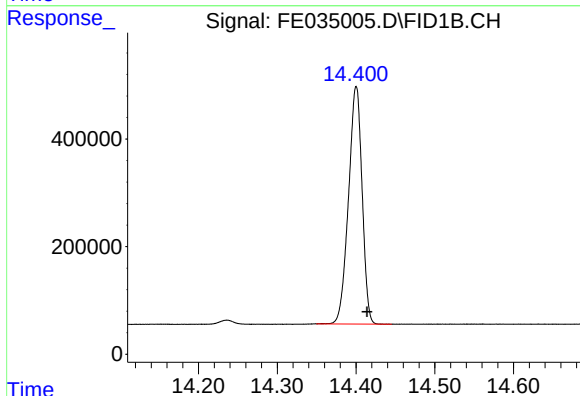
R.T.: 12.550 min
Delta R.T.: -0.013 min
Response: 4675035
Conc: 20.91 ug/ml



#13 n-Docosane (C22)

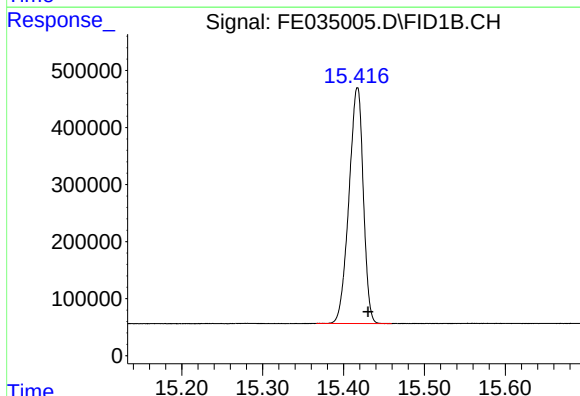
R.T.: 13.303 min
Delta R.T.: -0.012 min
Response: 5368138
Conc: 20.82 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



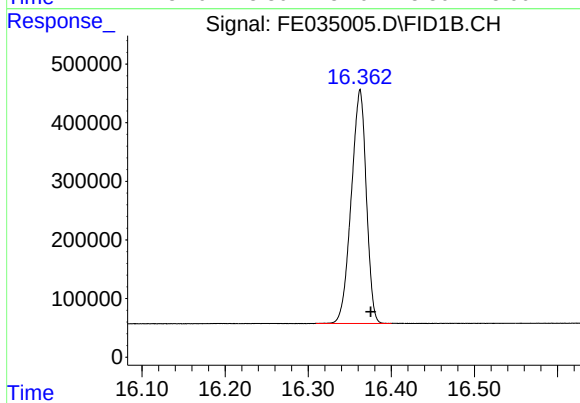
#14 n-Tetracosane (C24)

R.T.: 14.400 min
Delta R.T.: -0.014 min
Response: 5294013
Conc: 20.88 ug/ml



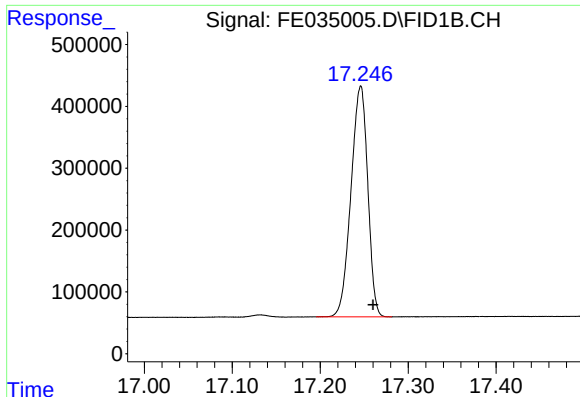
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: -0.013 min
Response: 5097759
Conc: 20.88 ug/ml



#16 n-Octacosane (C28)

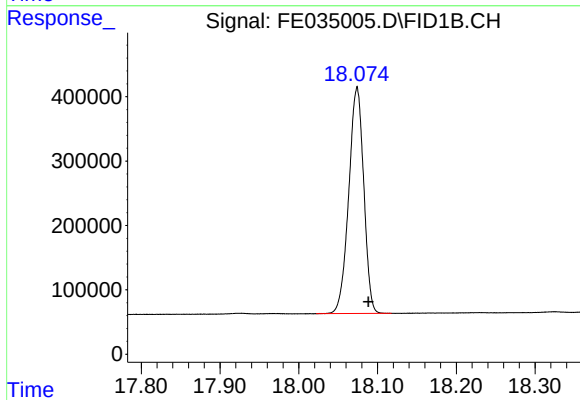
R.T.: 16.362 min
Delta R.T.: -0.013 min
Response: 5017328
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

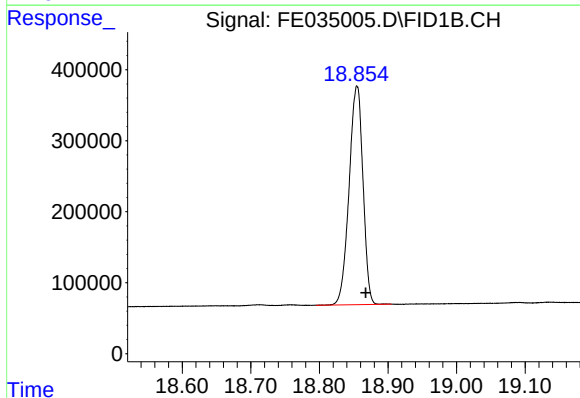
R.T.: 17.246 min
Delta R.T.: -0.014 min
Response: 4946323
Conc: 21.51 ug/ml

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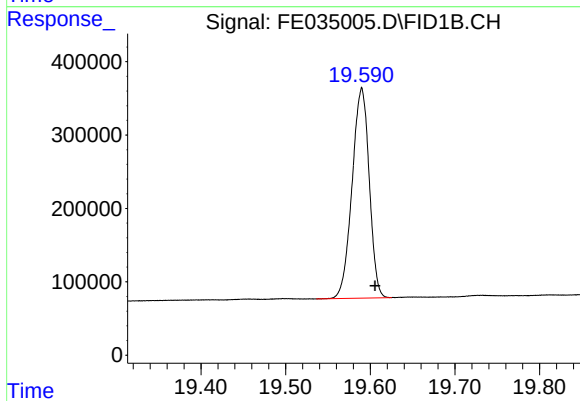
#18 n-Dotriacontane (C32)

R.T.: 18.074 min
Delta R.T.: -0.014 min
Response: 4642944
Conc: 21.72 ug/ml



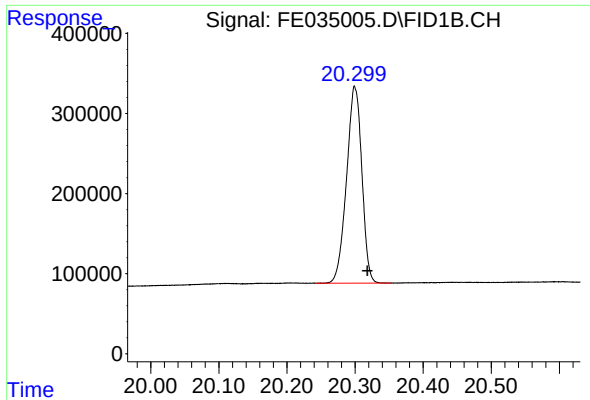
#19 n-Tetratriacontane (C34)

R.T.: 18.855 min
Delta R.T.: -0.013 min
Response: 4331733
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

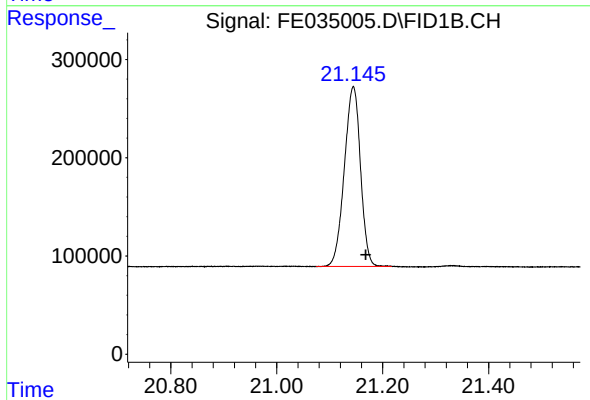
R.T.: 19.590 min
Delta R.T.: -0.016 min
Response: 4026713
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.300 min
Delta R.T.: -0.019 min
Response: 3836231
Conc: 21.09 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.145 min
Delta R.T.: -0.024 min
Response: 3872964
Conc: 21.14 ug/ml