

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022322AL\
 Data File : FE035144.D
 Signal(s) : FID1B.CH
 Acq On : 22 Feb 2022 14:24
 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 22 14:54:54 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)	11.735	23375839	23.427 ug/ml
Spiked Amount 50.000		Recovery =	46.85%
12) S 1-chlorooctadecane (S...	13.151	18275292	23.531 ug/ml
Spiked Amount 50.000		Recovery =	47.06%
Target Compounds			
1) T n-Nonane (C9)	3.618	19576176	23.853 ug/ml
2) T n-Decane (C10)	4.613	20268013	23.933 ug/ml
3) T A~Naphthalene (C11.7)	6.168	22175845	23.501 ug/ml
4) T n-Dodecane (C12)	6.587	20643988	23.507 ug/ml
5) T A~2-methylnaphthalene...	7.218	22330281	23.446 ug/ml
6) T n-Tetradecane (C14)	8.370	20801969	23.662 ug/ml
7) T n-Hexadecane (C16)	9.965	21062225	23.634 ug/ml
8) T n-Octadecane (C18)	11.405	21245278	23.551 ug/ml
10) T n-Eicosane (C20)	12.707	21093654	23.509 ug/ml
11) T n-Heneicosane (C21)	13.318	21140064	23.502 ug/ml
13) T n-Docosane (C22)	13.901	20980009	23.427 ug/ml
14) T n-Tetracosane (C24)	14.998	20474517	23.250 ug/ml
15) T n-Hexacosane (C26)	16.014	19323907	22.899 ug/ml
16) T n-Octacosane (C28)	16.958	17443429	22.217 ug/ml
17) T n-Tricontane (C30)	17.839	14700845	21.104 ug/ml
18) T n-Dotriacontane (C32)	18.665	11059475	19.594 ug/ml
19) T n-Tetratriacontane (C34)	19.441	7555168	18.132 ug/ml
20) T n-Hexatriacontane (C36)	20.174	4793321	17.096 ug/ml
21) T n-Octatriacontane (C38)	20.919	3041946	16.614 ug/ml
22) T n-Tetracontane (C40)	21.850	2070742	16.620 ug/ml

(f)=RT Delta > 1/2 Window

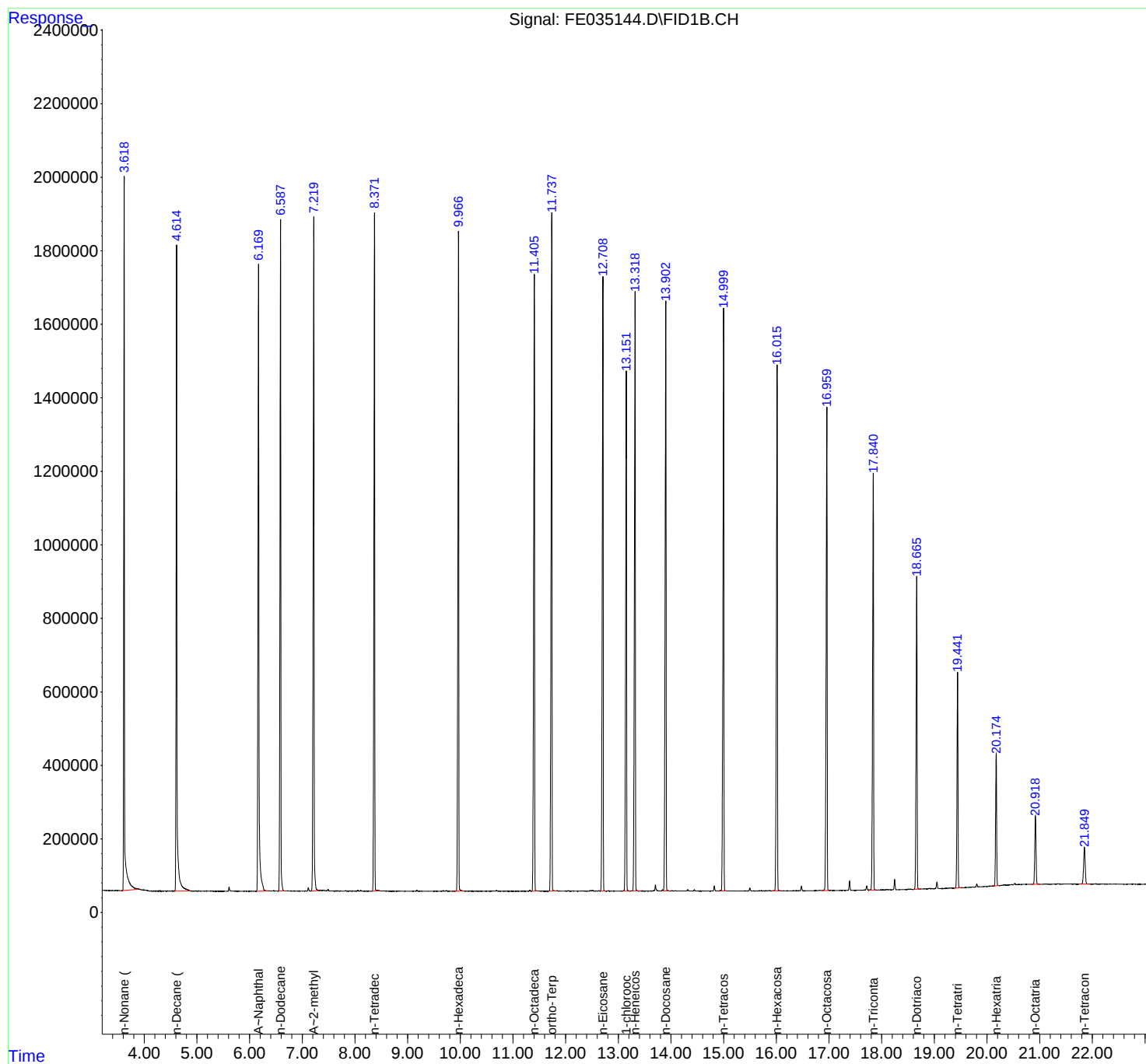
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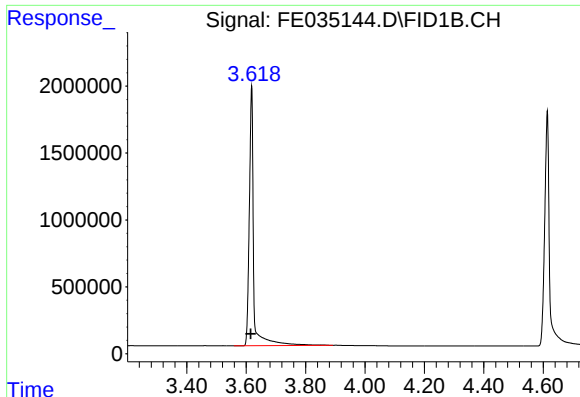
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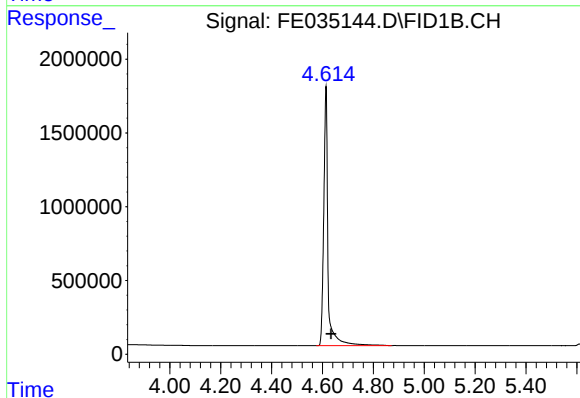




#1 n-Nonane (C9)

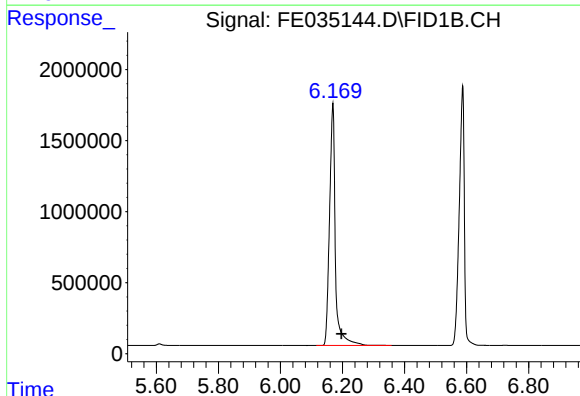
R.T.: 3.618 min
Delta R.T.: 0.003 min
Response: 19576176
Conc: 23.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



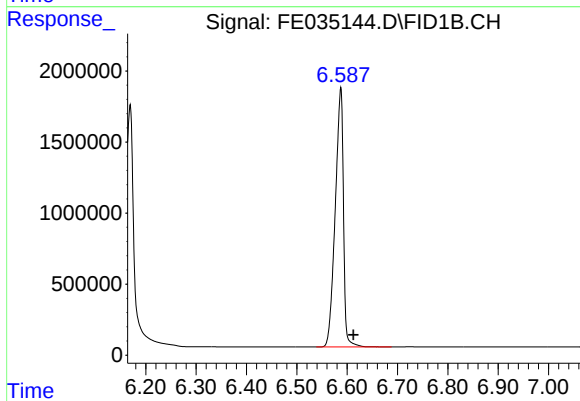
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.021 min
Response: 20268013
Conc: 23.93 ug/ml



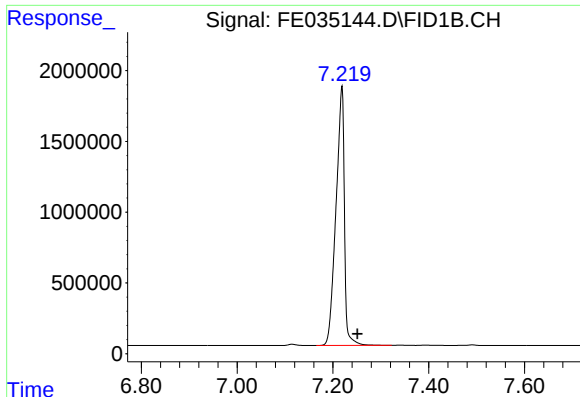
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.028 min
Response: 22175845
Conc: 23.50 ug/ml



#4 n-Dodecane (C12)

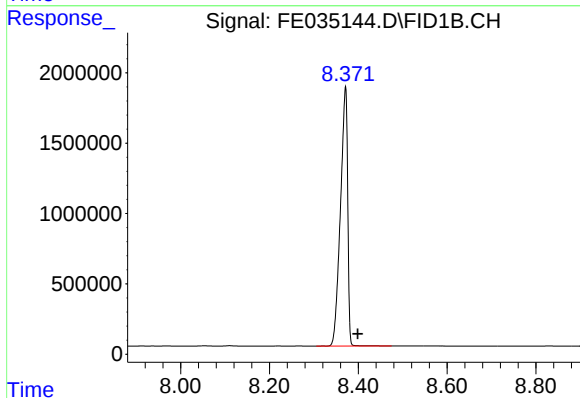
R.T.: 6.587 min
Delta R.T.: -0.026 min
Response: 20643988
Conc: 23.51 ug/ml



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

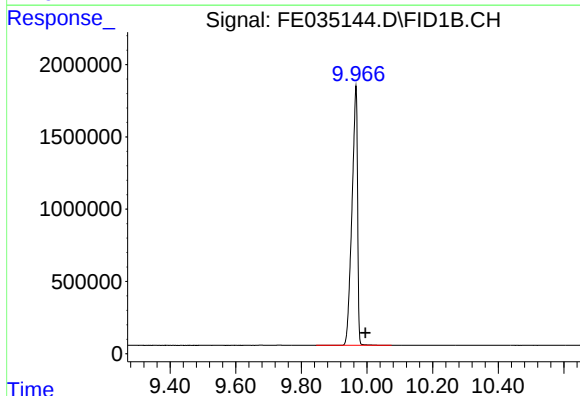
R.T.: 7.218 min
Delta R.T.: -0.034 min
Response: 22330281
Conc: 23.45 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



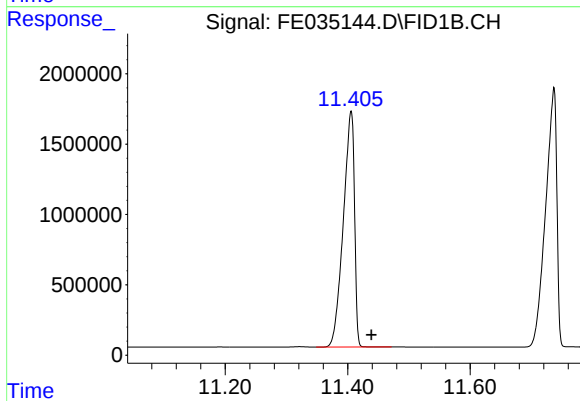
#6 n-Tetradecane (C14)

R.T.: 8.370 min
Delta R.T.: -0.028 min
Response: 20801969
Conc: 23.66 ug/ml



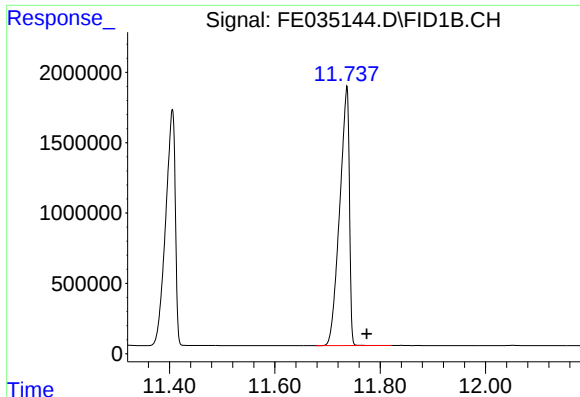
#7 n-Hexadecane (C16)

R.T.: 9.965 min
Delta R.T.: -0.030 min
Response: 21062225
Conc: 23.63 ug/ml



#8 n-Octadecane (C18)

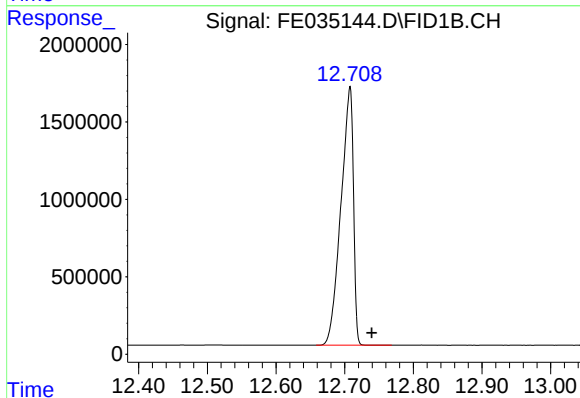
R.T.: 11.405 min
Delta R.T.: -0.034 min
Response: 21245278
Conc: 23.55 ug/ml



#9 ortho-Terphenyl (SURR)

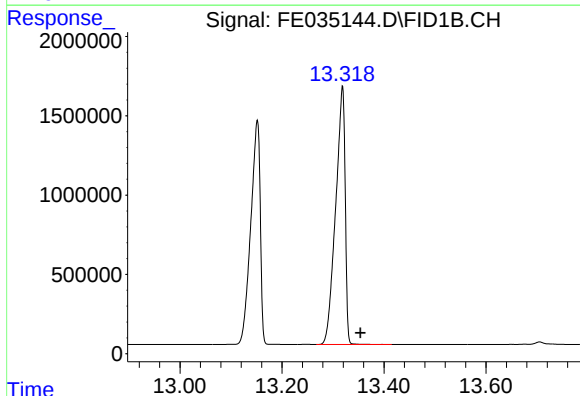
R.T.: 11.735 min
Delta R.T.: -0.039 min
Response: 23375839
Conc: 23.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



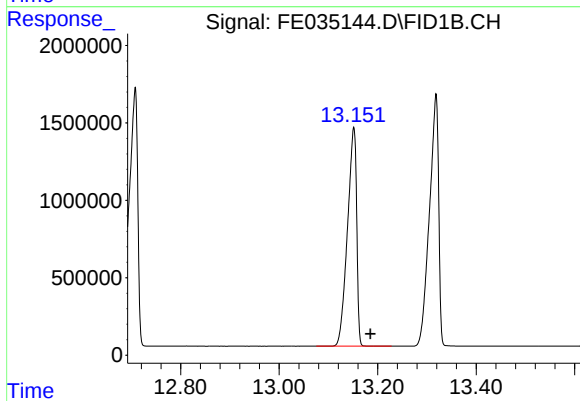
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: -0.033 min
Response: 21093654
Conc: 23.51 ug/ml



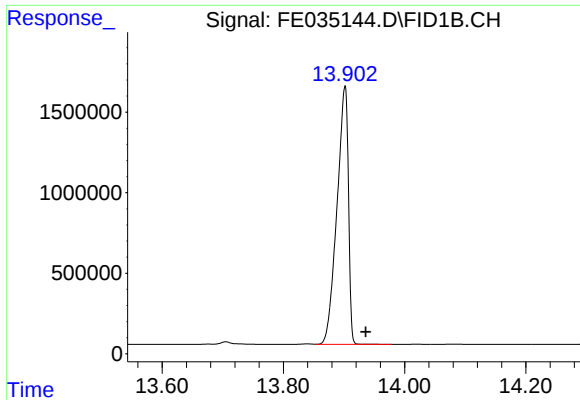
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.036 min
Response: 21140064
Conc: 23.50 ug/ml



#12 1-chlorooctadecane (SURR)

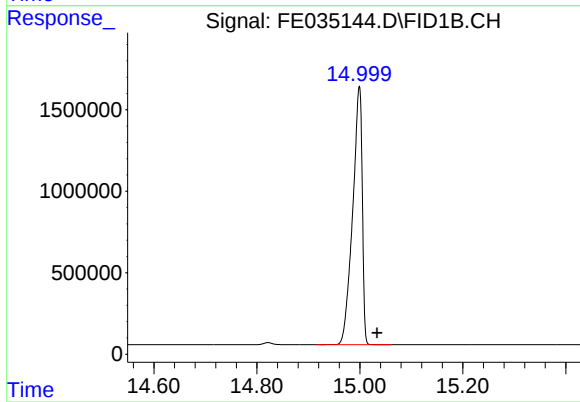
R.T.: 13.151 min
Delta R.T.: -0.035 min
Response: 18275292
Conc: 23.53 ug/ml



#13 n-Docosane (C22)

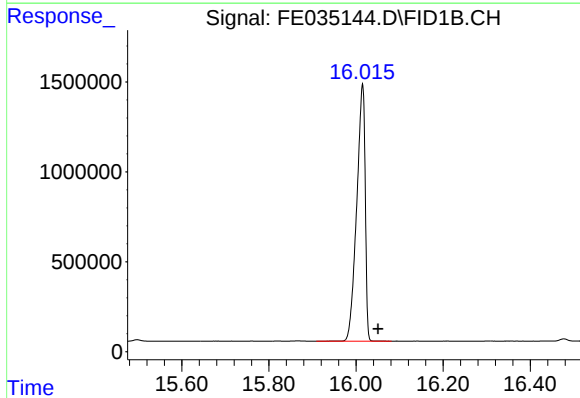
R.T.: 13.901 min
Delta R.T.: -0.035 min
Response: 20980009
Conc: 23.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



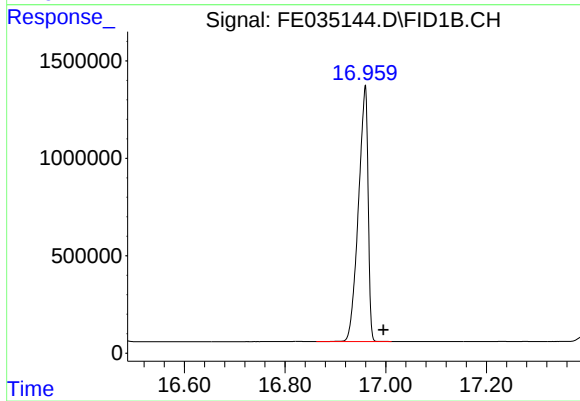
#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: -0.035 min
Response: 20474517
Conc: 23.25 ug/ml



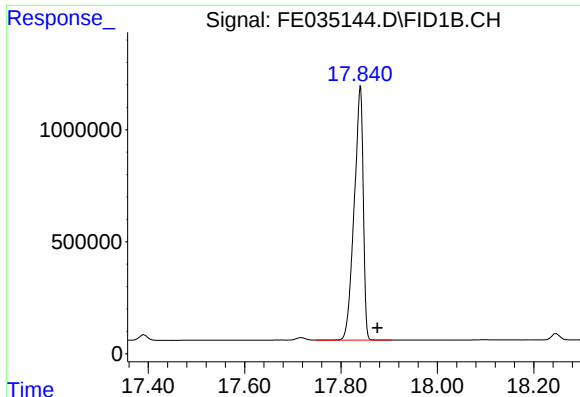
#15 n-Hexacosane (C26)

R.T.: 16.014 min
Delta R.T.: -0.036 min
Response: 19323907
Conc: 22.90 ug/ml



#16 n-Octacosane (C28)

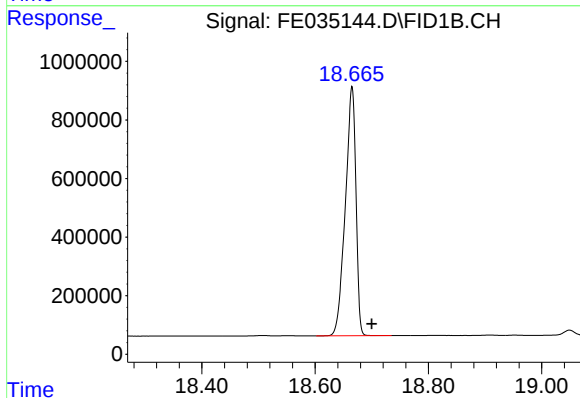
R.T.: 16.958 min
Delta R.T.: -0.037 min
Response: 17443429
Conc: 22.22 ug/ml



#17 n-Tricontane (C30)

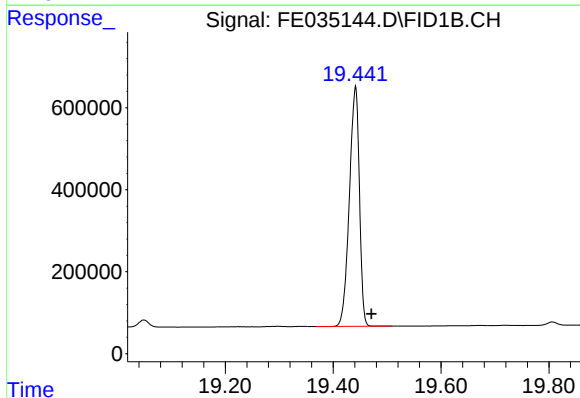
R.T.: 17.839 min
Delta R.T.: -0.037 min
Response: 14700845
Conc: 21.10 ug/ml

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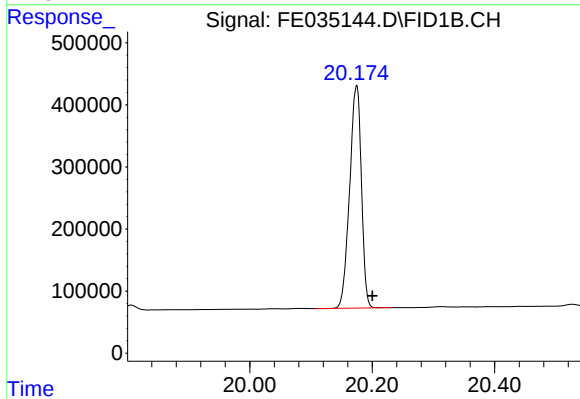
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: -0.035 min
Response: 11059475
Conc: 19.59 ug/ml



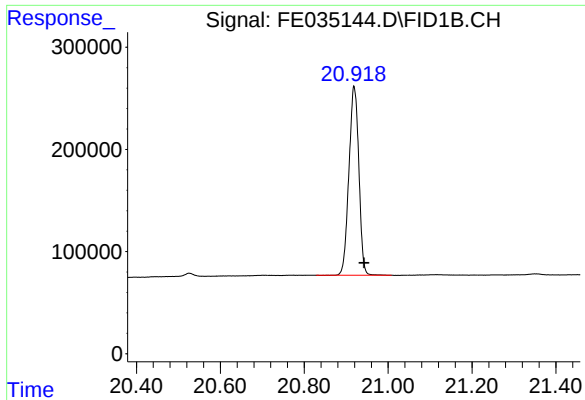
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.030 min
Response: 7555168
Conc: 18.13 ug/ml



#20 n-Hexatriacontane (C36)

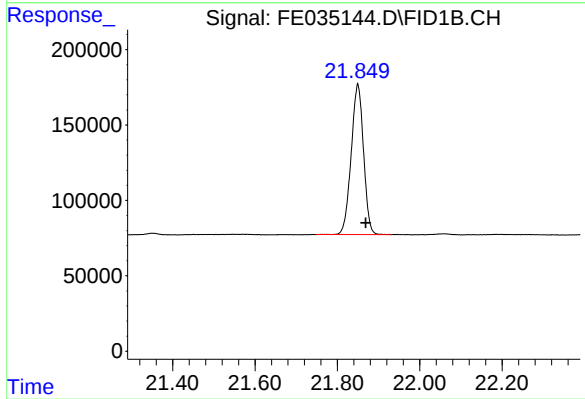
R.T.: 20.174 min
Delta R.T.: -0.026 min
Response: 4793321
Conc: 17.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: -0.023 min
Response: 3041946
Conc: 16.61 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.850 min
Delta R.T.: -0.020 min
Response: 2070742
Conc: 16.62 ug/ml