

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062524AL\
 Data File : FE048873.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2024 06:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jun 26 01:26:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.933	3274689	19.584 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	13.367	2492013	19.380 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
Target Compounds			
1) T n-Nonane (C9)	3.323	3093533	20.577 ug/ml
2) T n-Decane (C10)	4.571	3162940	20.553 ug/ml
3) T A~Naphthalene (C11.7)	6.275	3251823	20.484 ug/ml
4) T n-Dodecane (C12)	6.735	3155409	20.440 ug/ml
5) T A~2-methylnaphthalene...	7.370	3103000	20.490 ug/ml
6) T n-Tetradecane (C14)	8.563	3092673	20.179 ug/ml
7) T n-Hexadecane (C16)	10.170	3177080	20.319 ug/ml
8) T n-Octadecane (C18)	11.612	3194769	20.032 ug/ml
10) T n-Eicosane (C20)	12.922	3052365	19.688 ug/ml
11) T n-Heneicosane (C21)	13.534	2983789	19.596 ug/ml
13) T n-Docosane (C22)	14.119	2946173	19.481 ug/ml
14) T n-Tetracosane (C24)	15.222	2903459	19.320 ug/ml
15) T n-Hexacosane (C26)	16.242	2835047	19.203 ug/ml
16) T n-Octacosane (C28)	17.190	2781133	19.285 ug/ml
17) T n-Tricontane (C30)	18.078	2855694	19.520 ug/ml
18) T n-Dotriacontane (C32)	18.909	2818523	19.713 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2750867	19.880 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2638361	20.300 ug/ml
21) T n-Octatriacontane (C38)	21.168	2580715	20.131 ug/ml
22) T n-Tetracontane (C40)	22.081	2542864	20.765 ug/ml

(f)=RT Delta > 1/2 Window

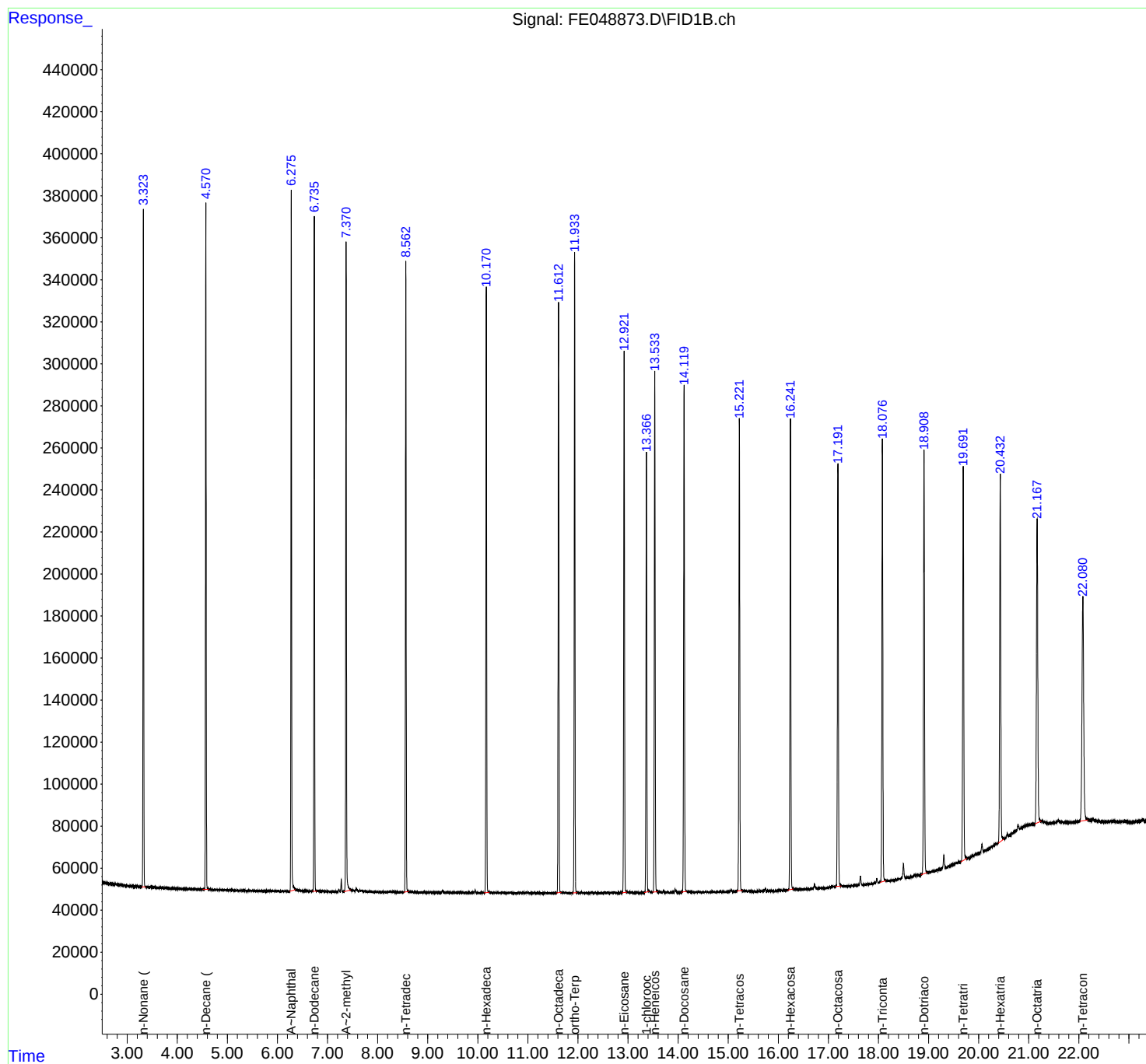
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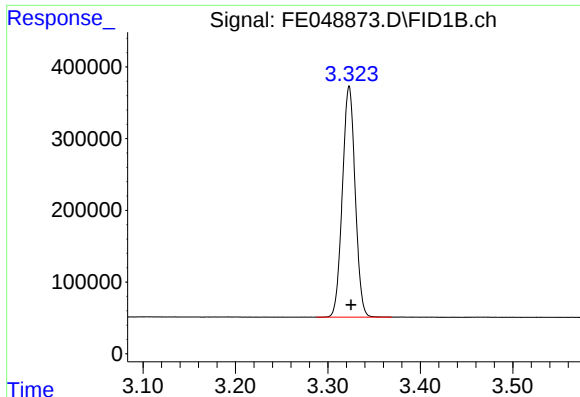
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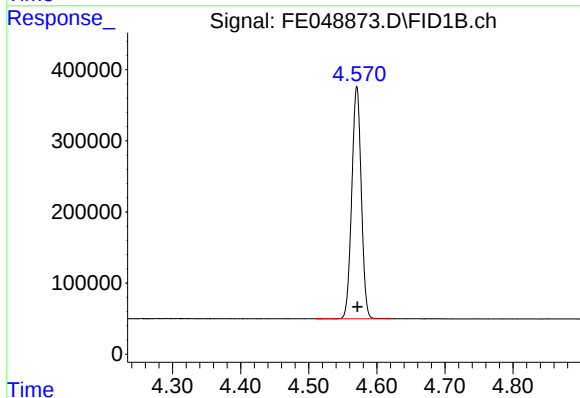




#1 n-Nonane (C9)

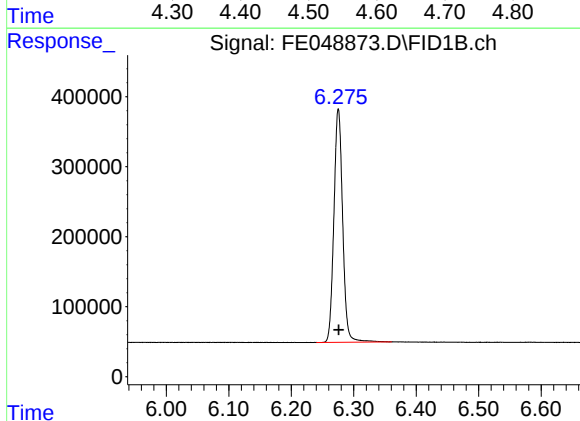
R.T.: 3.323 min
Delta R.T.: -0.002 min
Response: 3093533
Conc: 20.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



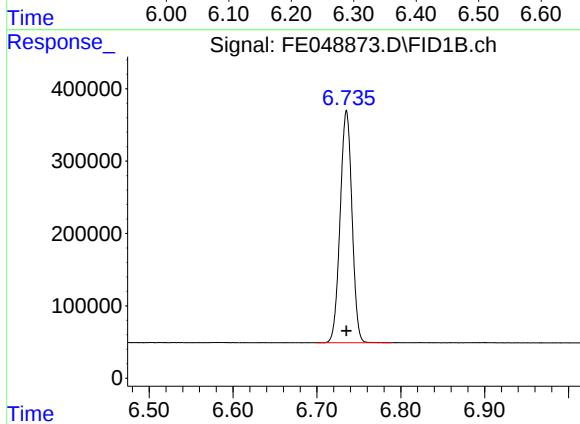
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 3162940
Conc: 20.55 ug/ml



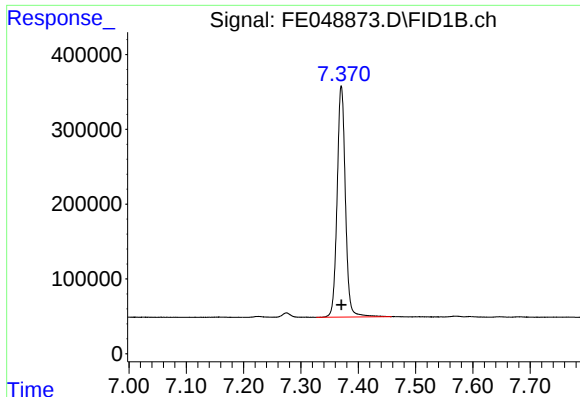
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 3251823
Conc: 20.48 ug/ml



#4 n-Dodecane (C12)

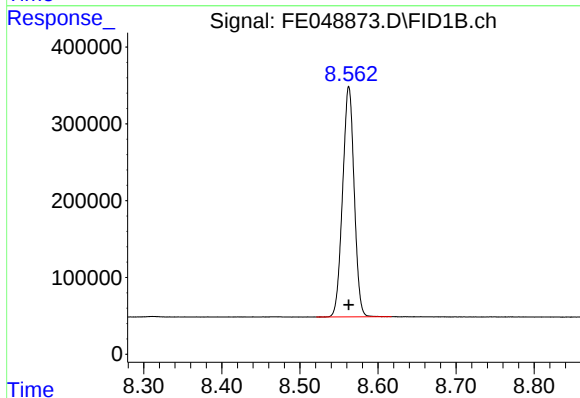
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 3155409
Conc: 20.44 ug/ml



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

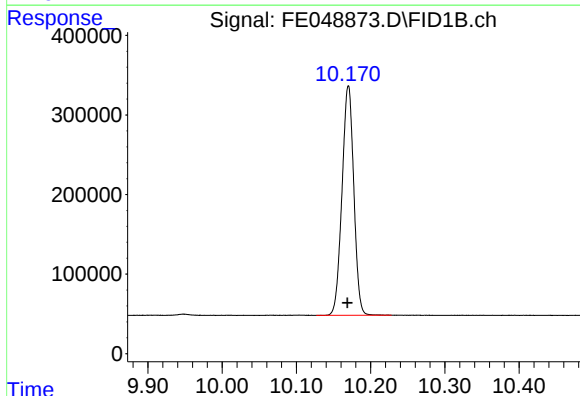
R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 3103000
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



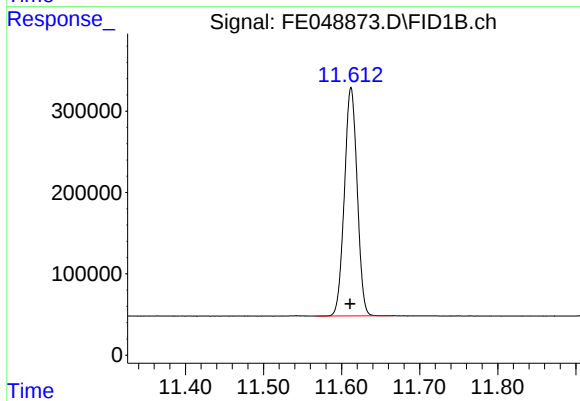
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 3092673
Conc: 20.18 ug/ml



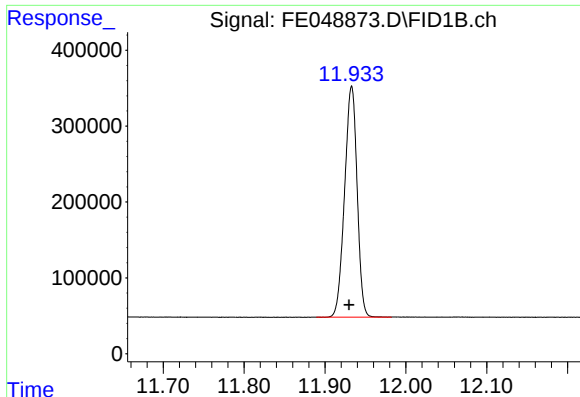
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.001 min
Response: 3177080
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

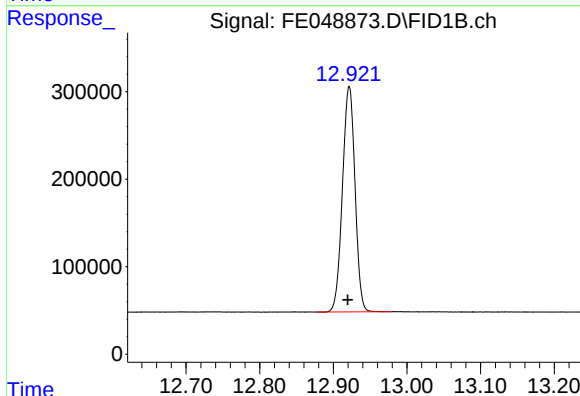
R.T.: 11.612 min
Delta R.T.: 0.001 min
Response: 3194769
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

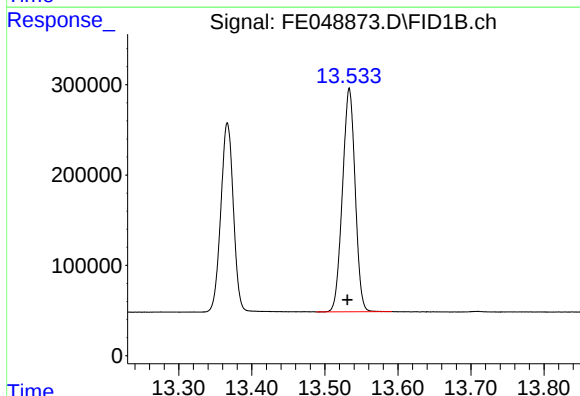
R.T.: 11.933 min
Delta R.T.: 0.003 min
Response: 3274689
Conc: 19.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



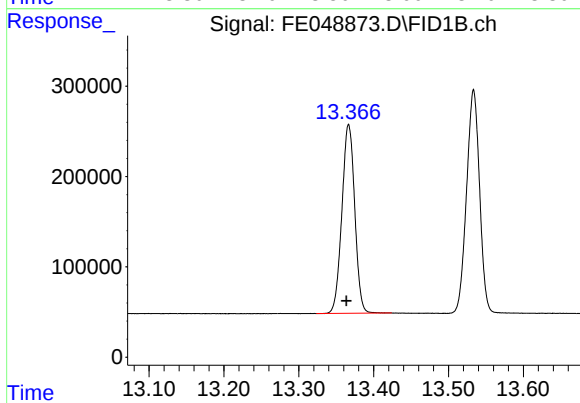
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.002 min
Response: 3052365
Conc: 19.69 ug/ml



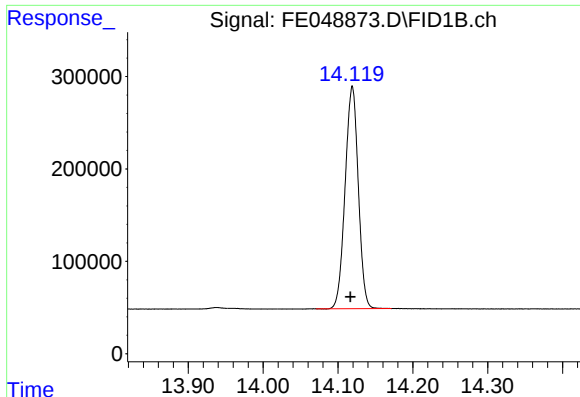
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.003 min
Response: 2983789
Conc: 19.60 ug/ml



#12 1-chlorooctadecane (SURR)

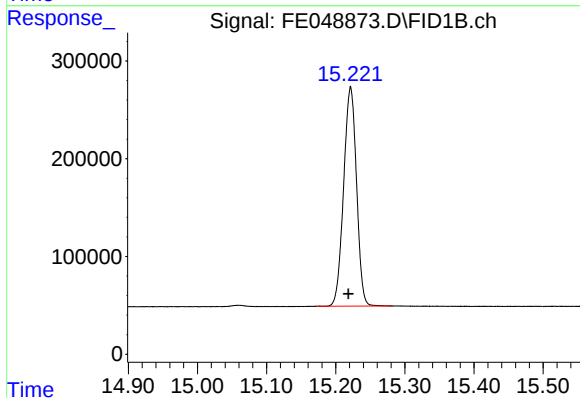
R.T.: 13.367 min
Delta R.T.: 0.003 min
Response: 2492013
Conc: 19.38 ug/ml



#13 n-Docosane (C22)

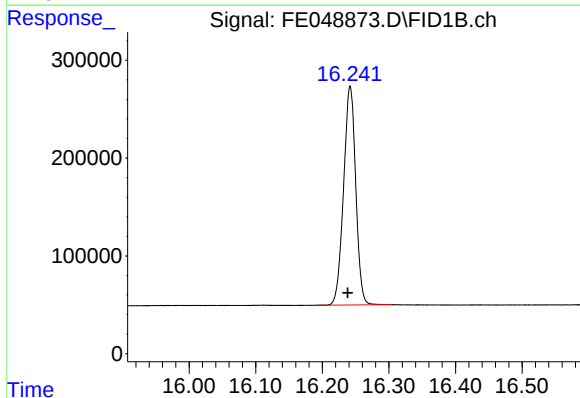
R.T.: 14.119 min
Delta R.T.: 0.003 min
Response: 2946173
Conc: 19.48 ug/ml

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20 PPM ALIPHATIC HC STD



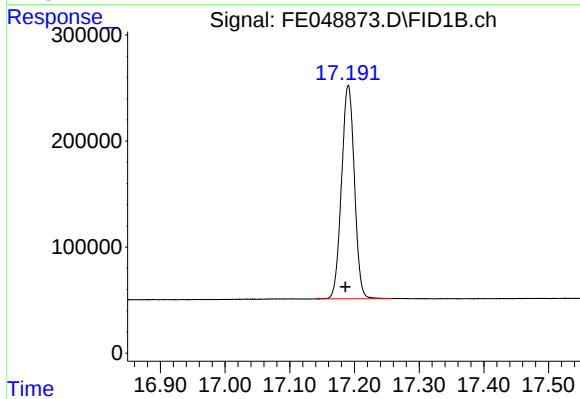
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.003 min
Response: 2903459
Conc: 19.32 ug/ml



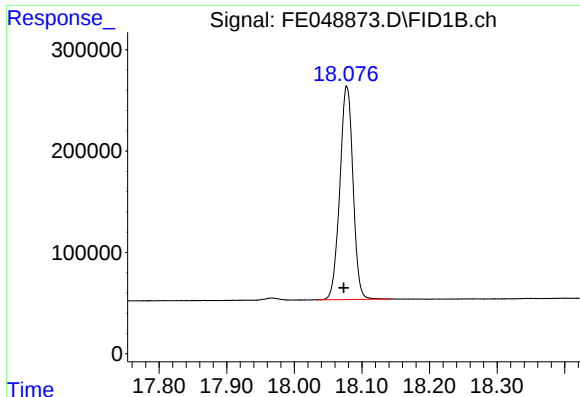
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.004 min
Response: 2835047
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

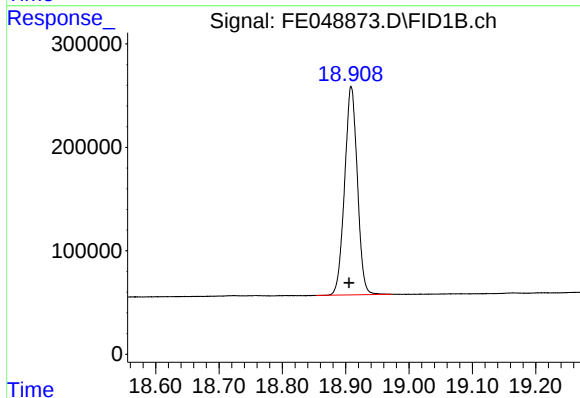
R.T.: 17.190 min
Delta R.T.: 0.004 min
Response: 2781133
Conc: 19.28 ug/ml



#17 n-Tricontane (C30)

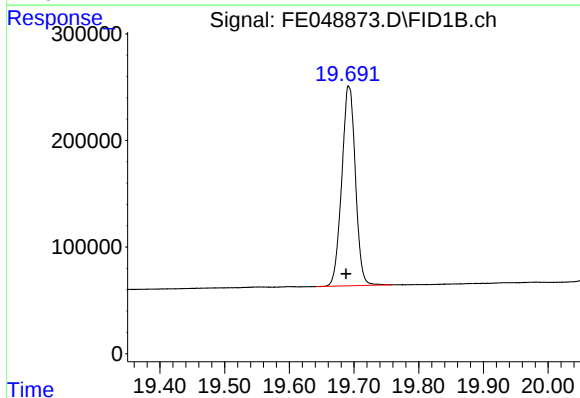
R.T.: 18.078 min
Delta R.T.: 0.004 min
Response: 2855694
Conc: 19.52 ug/ml

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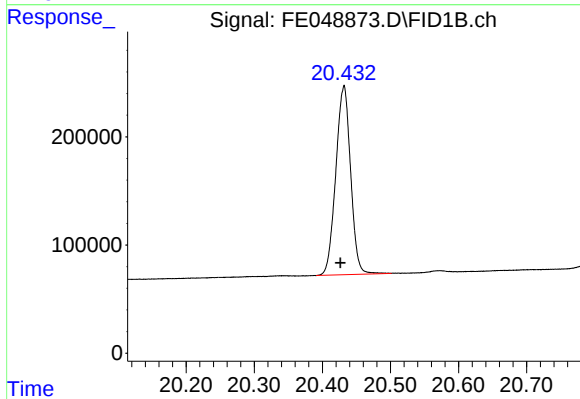
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.003 min
Response: 2818523
Conc: 19.71 ug/ml



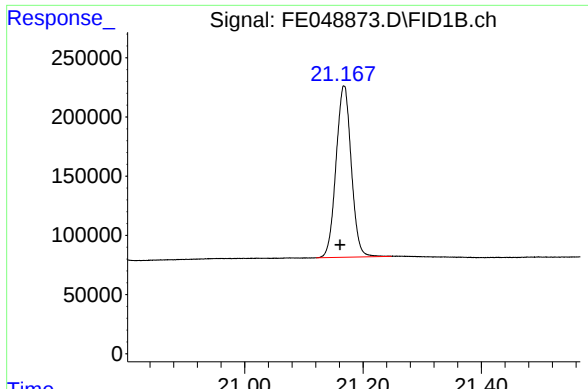
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.004 min
Response: 2750867
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

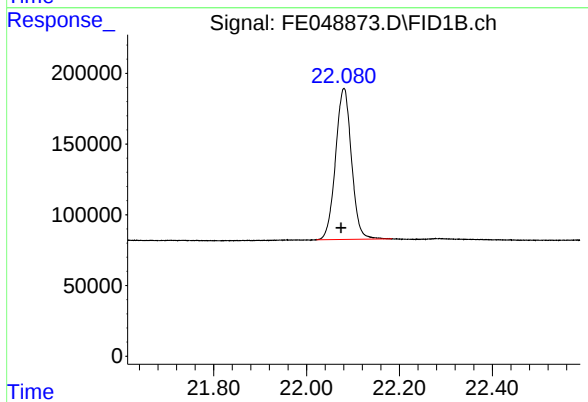
R.T.: 20.432 min
Delta R.T.: 0.005 min
Response: 2638361
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.007 min
Response: 2580715
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: 0.007 min
Response: 2542864
Conc: 20.76 ug/ml