

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060324AL\
 Data File : FE048518.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2024 19:10
 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: autoint1.e
 Quant Time: Jun 04 01:31:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.947	2650302	18.457 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	13.381	2014013	18.487 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
Target Compounds			
1) T n-Nonane (C9)	3.334	2669847	17.858 ug/ml
2) T n-Decane (C10)	4.584	2751876	18.224 ug/ml
3) T A~Naphthalene (C11.7)	6.290	2703540	18.157 ug/ml
4) T n-Dodecane (C12)	6.750	2694495	18.203 ug/ml
5) T A~2-methylnaphthalene...	7.386	2521436	18.185 ug/ml
6) T n-Tetradecane (C14)	8.577	2583878	18.218 ug/ml
7) T n-Hexadecane (C16)	10.185	2580811	18.306 ug/ml
8) T n-Octadecane (C18)	11.628	2552781	18.380 ug/ml
10) T n-Eicosane (C20)	12.936	2452423	18.532 ug/ml
11) T n-Heneicosane (C21)	13.547	2387275	18.430 ug/ml
13) T n-Docosane (C22)	14.133	2416097	18.749 ug/ml
14) T n-Tetracosane (C24)	15.235	2500618	19.302 ug/ml
15) T n-Hexacosane (C26)	16.256	2557826	19.735 ug/ml
16) T n-Octacosane (C28)	17.205	2642988	20.448 ug/ml
17) T n-Tricontane (C30)	18.092	2814398	21.009 ug/ml
18) T n-Dotriacontane (C32)	18.923	2834554	20.882 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2689633	19.661 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2591175	19.062 ug/ml
21) T n-Octatriacontane (C38)	21.182	2553286	18.723 ug/ml
22) T n-Tetracontane (C40)	22.099	2499462	18.255 ug/ml

(f)=RT Delta > 1/2 Window

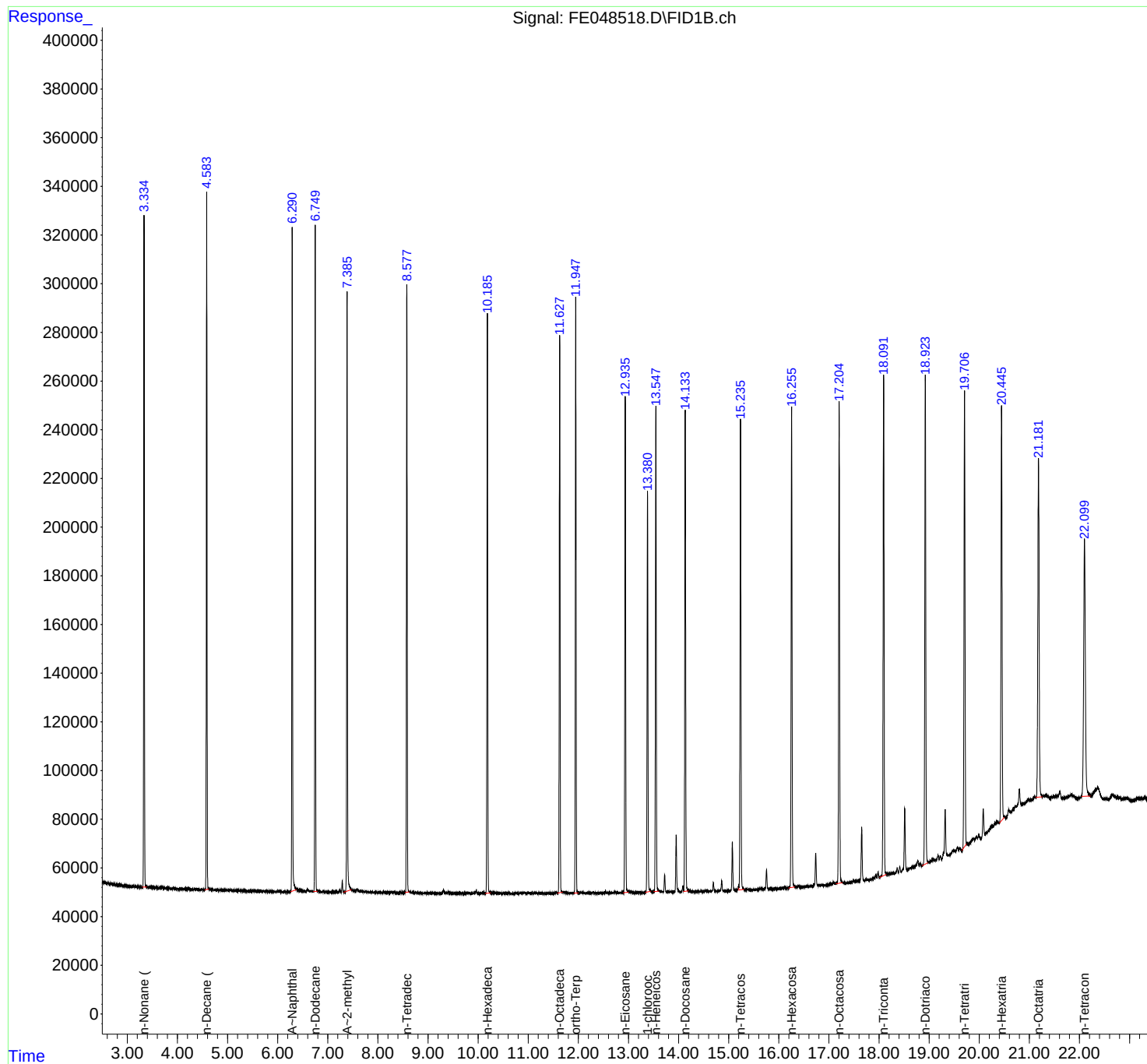
(m)=manual int.

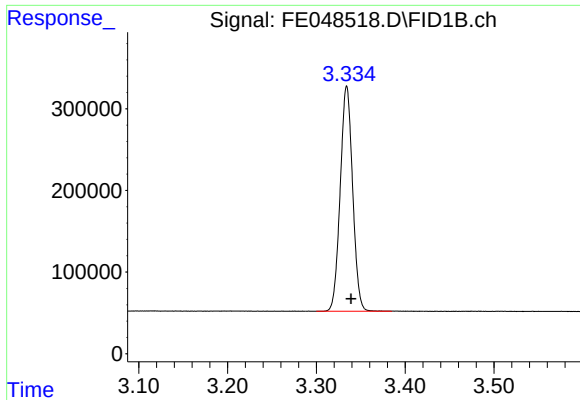
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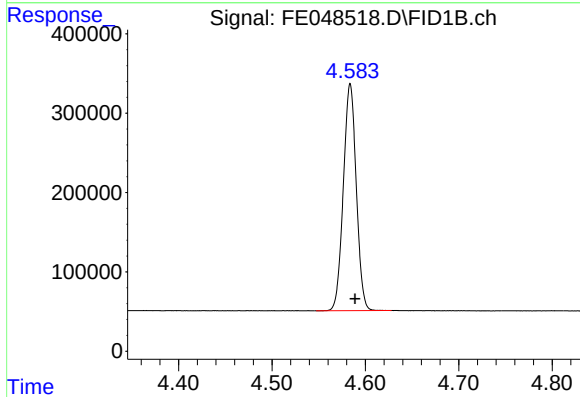




#1 n-Nonane (C9)

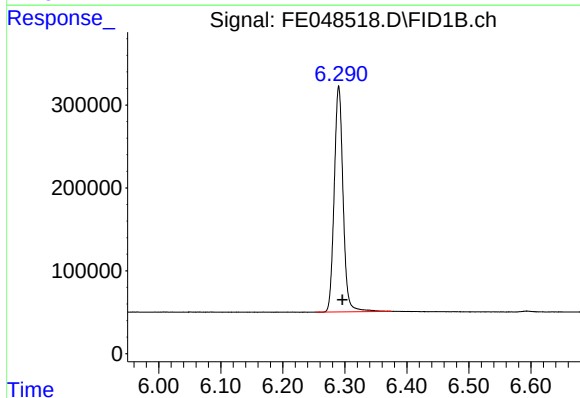
R.T.: 3.334 min
Delta R.T.: -0.005 min
Response: 2669847
Conc: 17.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



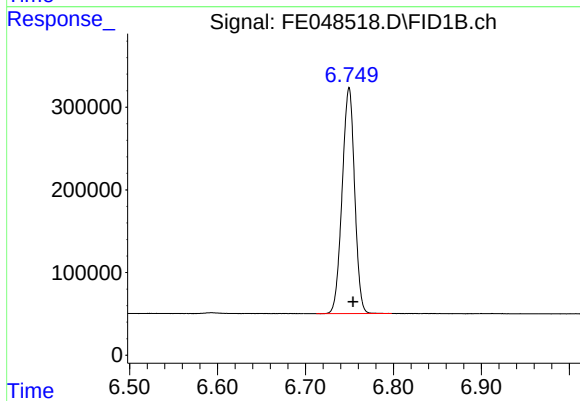
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.005 min
Response: 2751876
Conc: 18.22 ug/ml



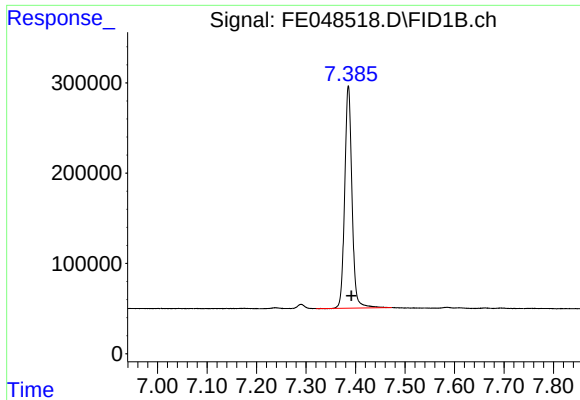
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.006 min
Response: 2703540
Conc: 18.16 ug/ml



#4 n-Dodecane (C12)

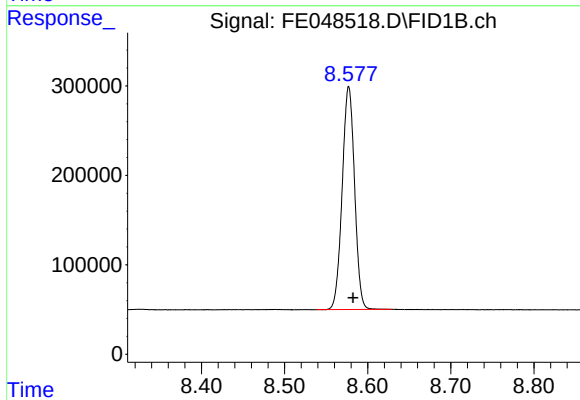
R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 2694495
Conc: 18.20 ug/ml



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

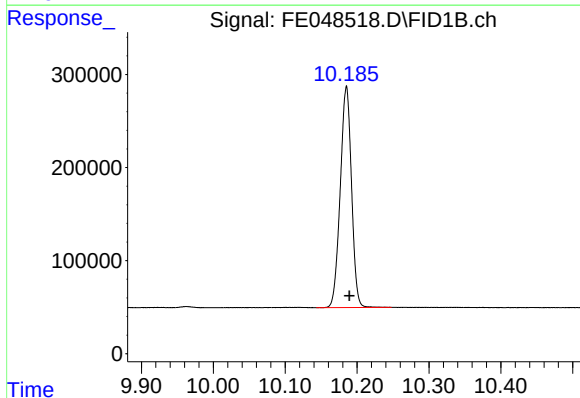
R.T.: 7.386 min
Delta R.T.: -0.006 min
Response: 2521436
Conc: 18.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



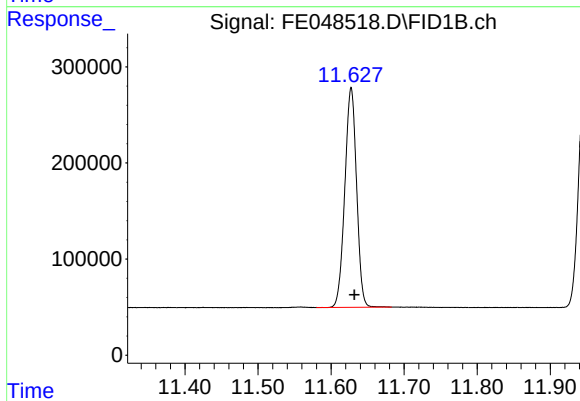
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.005 min
Response: 2583878
Conc: 18.22 ug/ml



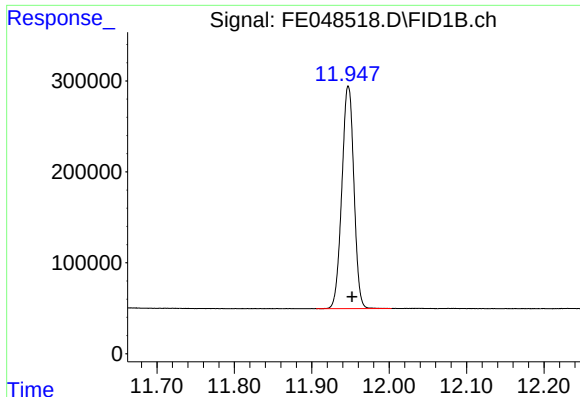
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.004 min
Response: 2580811
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

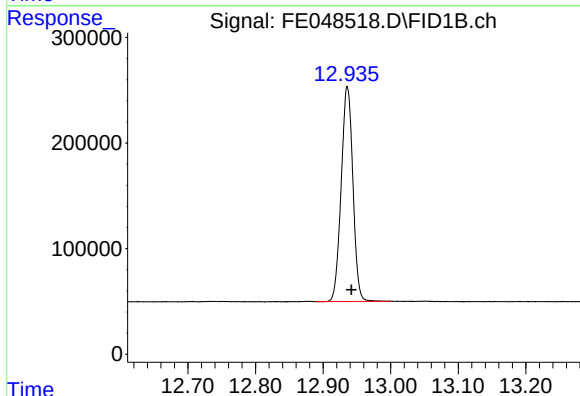
R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 2552781
Conc: 18.38 ug/ml



#9 ortho-Terphenyl (SURR)

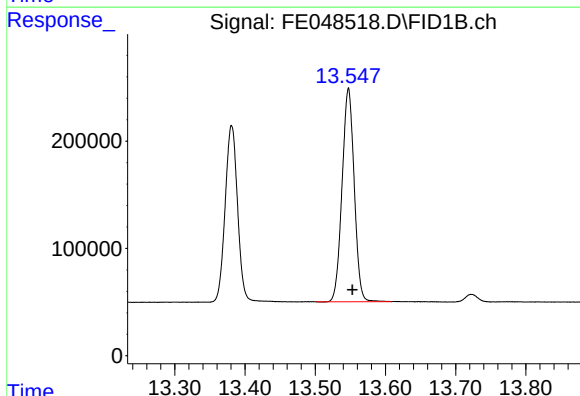
R.T.: 11.947 min
Delta R.T.: -0.005 min
Response: 2650302
Conc: 18.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



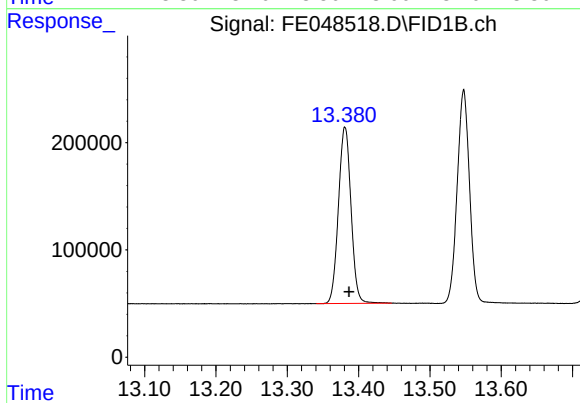
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.006 min
Response: 2452423
Conc: 18.53 ug/ml



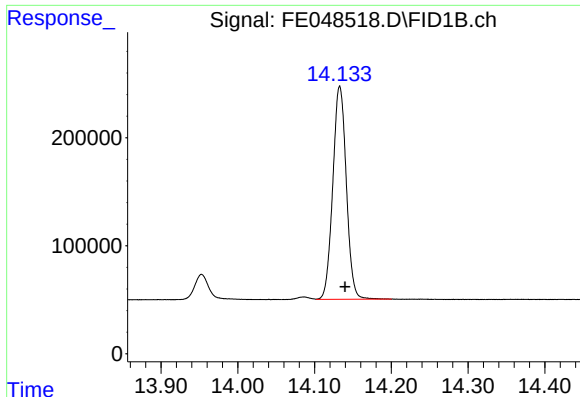
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.005 min
Response: 2387275
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

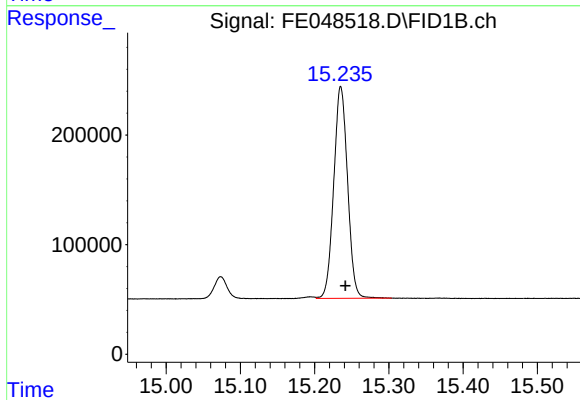
R.T.: 13.381 min
Delta R.T.: -0.006 min
Response: 2014013
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

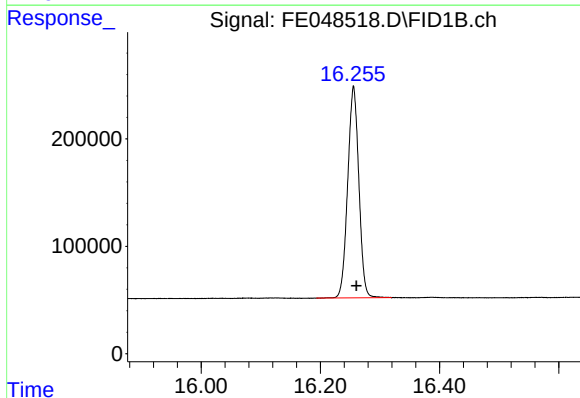
R.T.: 14.133 min
Delta R.T.: -0.007 min
Response: 2416097
Conc: 18.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



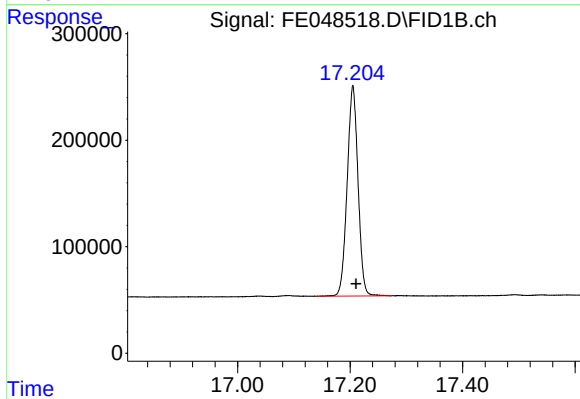
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.007 min
Response: 2500618
Conc: 19.30 ug/ml



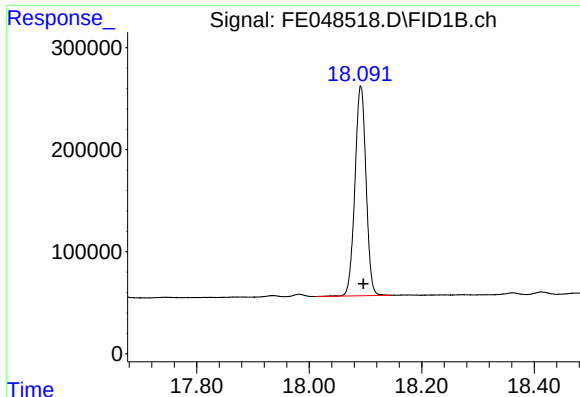
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.005 min
Response: 2557826
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

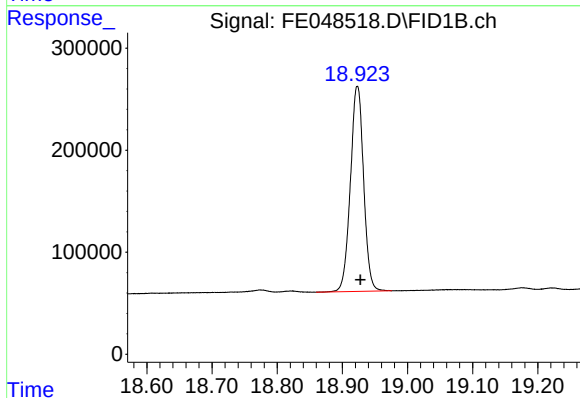
R.T.: 17.205 min
Delta R.T.: -0.005 min
Response: 2642988
Conc: 20.45 ug/ml



#17 n-Tricontane (C30)

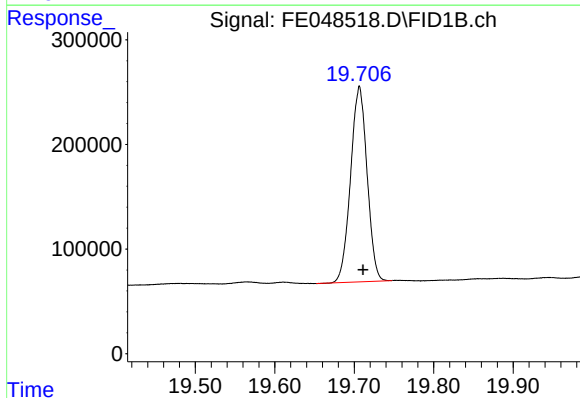
R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 2814398
Conc: 21.01 ug/ml

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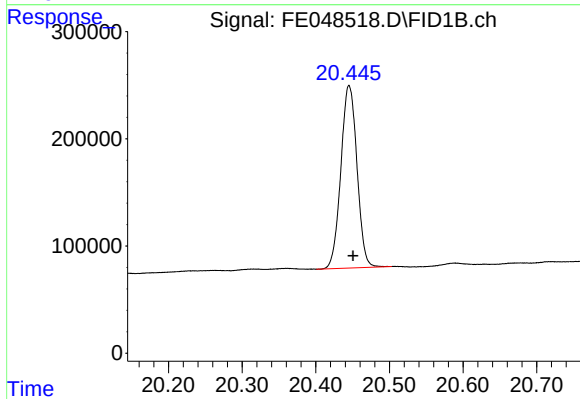
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.005 min
Response: 2834554
Conc: 20.88 ug/ml



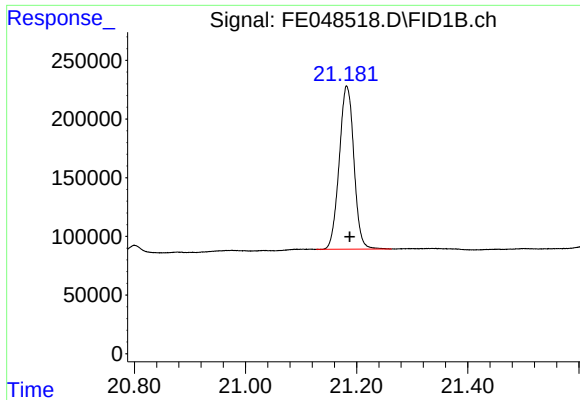
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.005 min
Response: 2689633
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

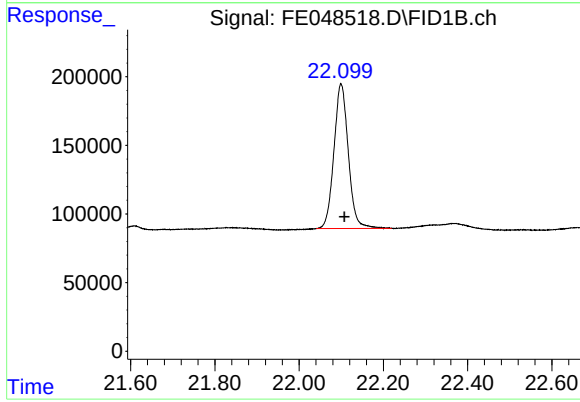
R.T.: 20.445 min
Delta R.T.: -0.005 min
Response: 2591175
Conc: 19.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.006 min
Response: 2553286
Conc: 18.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.008 min
Response: 2499462
Conc: 18.25 ug/ml