

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032824AL\
 Data File : FE047376.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2024 12:10
 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: Mar 28 14:32:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.982	3051592	19.486 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	13.414	2371164	19.551 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.365	2898827	19.850 ug/ml
2) T n-Decane (C10)	4.617	2964215	19.885 ug/ml
3) T A~Naphthalene (C11.7)	6.323	3064515	19.753 ug/ml
4) T n-Dodecane (C12)	6.782	2961511	19.802 ug/ml
5) T A~2-methylnaphthalene...	7.419	2943007	19.666 ug/ml
6) T n-Tetradecane (C14)	8.610	2906476	19.706 ug/ml
7) T n-Hexadecane (C16)	10.217	2973005	19.642 ug/ml
8) T n-Octadecane (C18)	11.661	2979055	19.608 ug/ml
10) T n-Eicosane (C20)	12.969	2860330	19.659 ug/ml
11) T n-Heneicosane (C21)	13.581	2801154	19.599 ug/ml
13) T n-Docosane (C22)	14.166	2822530	19.883 ug/ml
14) T n-Tetracosane (C24)	15.268	2881405	20.439 ug/ml
15) T n-Hexacosane (C26)	16.286	2908694	20.917 ug/ml
16) T n-Octacosane (C28)	17.235	2939354	21.512 ug/ml
17) T n-Tricontane (C30)	18.121	3067345	22.092 ug/ml
18) T n-Dotriacontane (C32)	18.951	3026359	21.940 ug/ml
19) T n-Tetratriacontane (C34)	19.732	2888486	21.076 ug/ml
20) T n-Hexatriacontane (C36)	20.471	2804840	20.538 ug/ml
21) T n-Octatriacontane (C38)	21.212	2837503	20.470 ug/ml
22) T n-Tetracontane (C40)	22.142	2850693	19.899 ug/ml

(f)=RT Delta > 1/2 Window

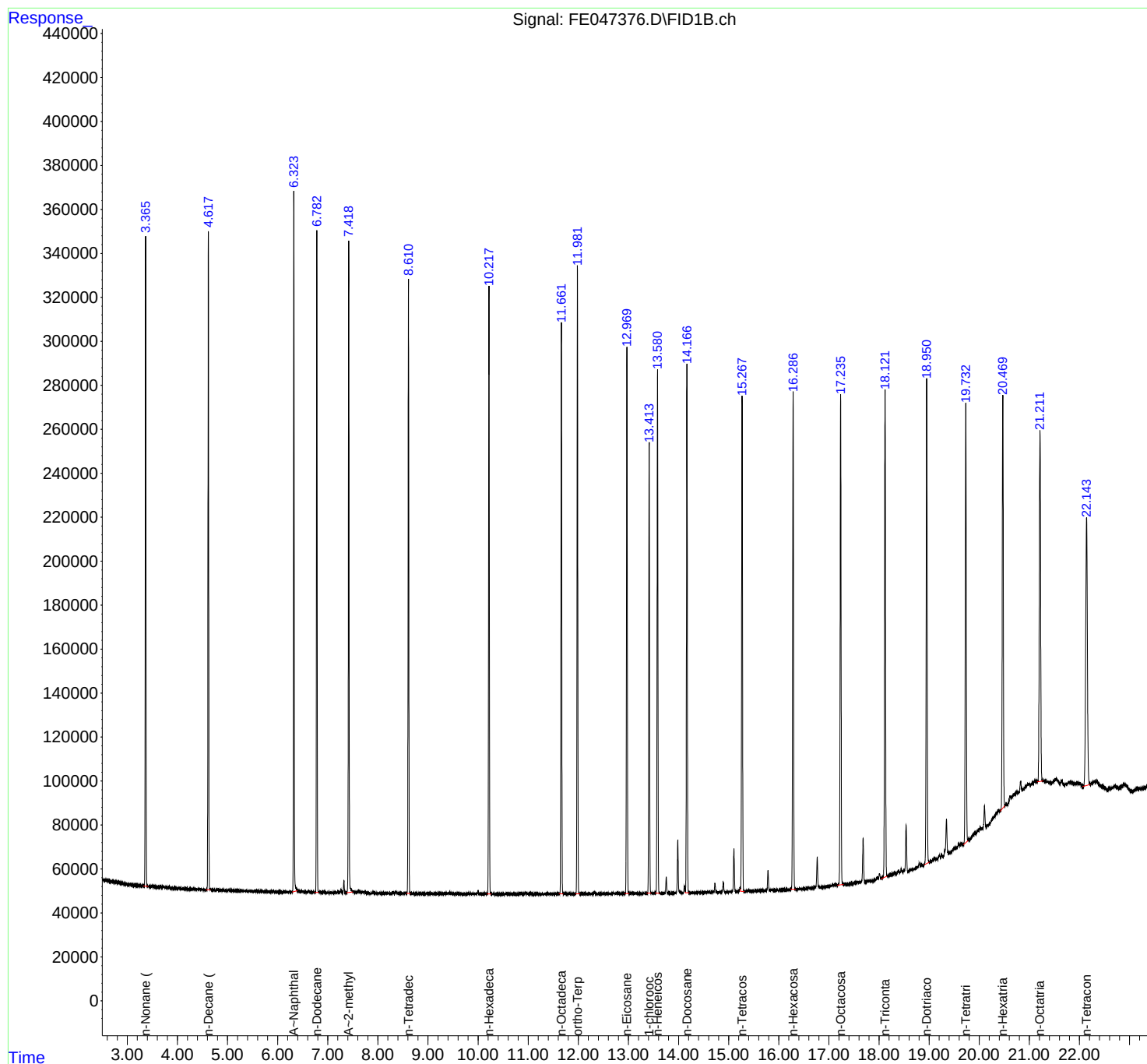
(m)=manual int.

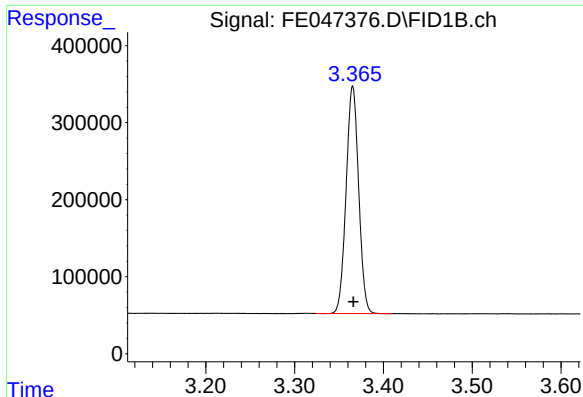
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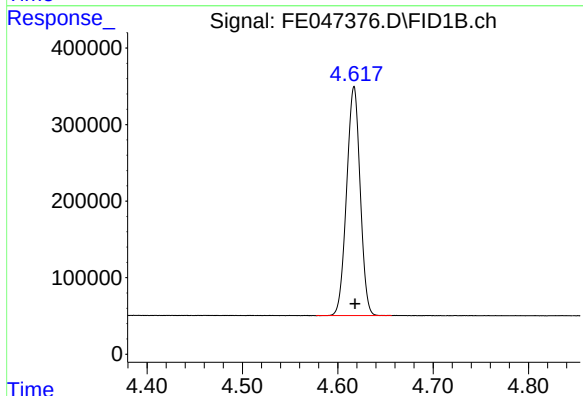




#1 n-Nonane (C9)

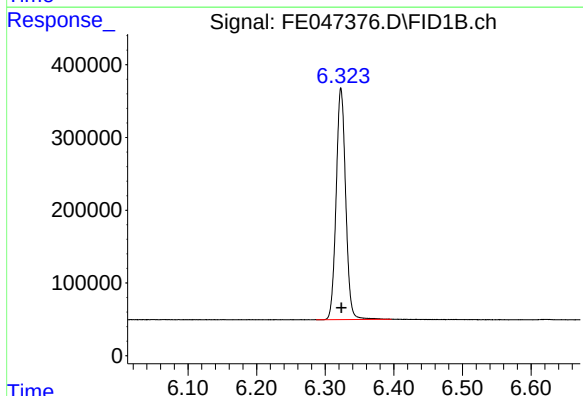
R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 2898827
Conc: 19.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



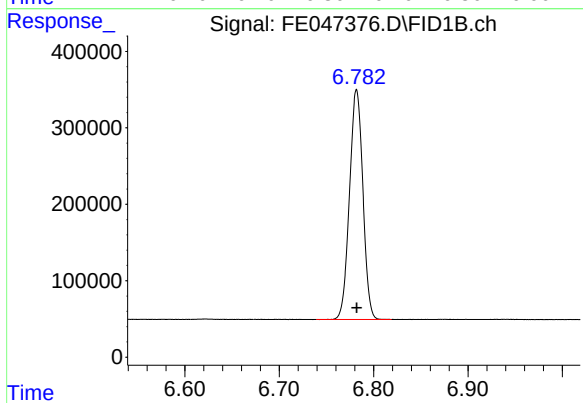
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 2964215
Conc: 19.89 ug/ml



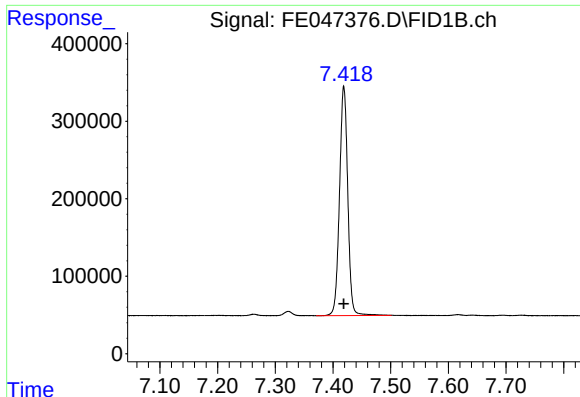
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 3064515
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

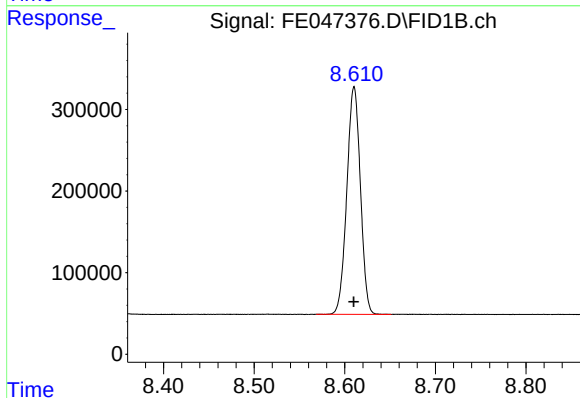
R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 2961511
Conc: 19.80 ug/ml



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

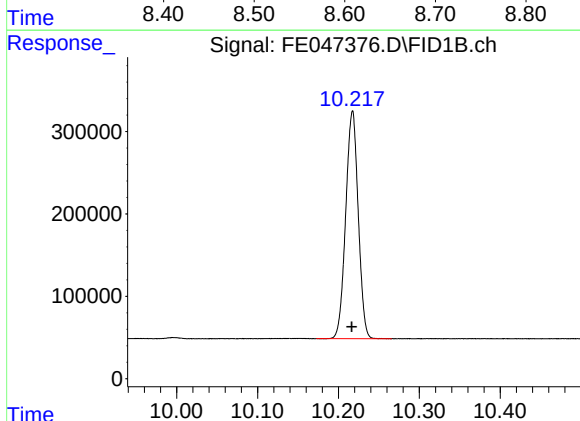
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 2943007
Conc: 19.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



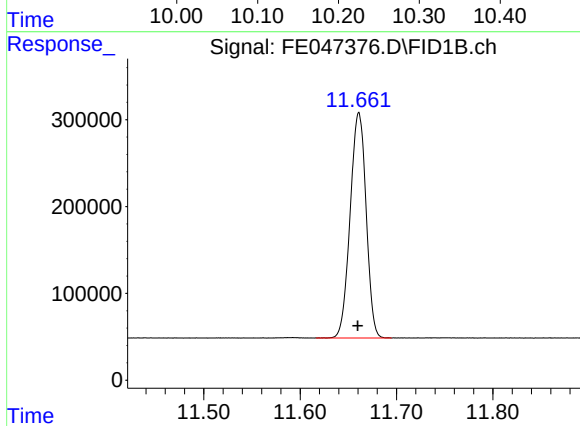
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 2906476
Conc: 19.71 ug/ml



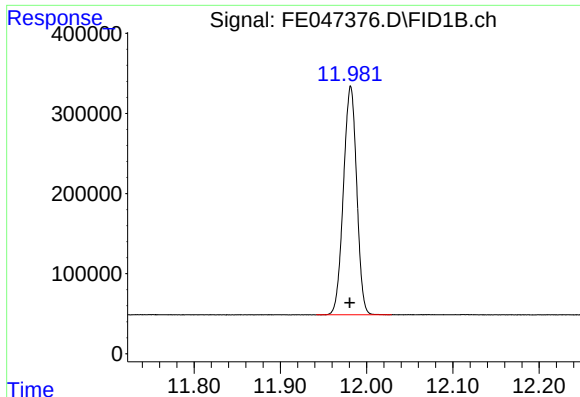
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: 0.000 min
Response: 2973005
Conc: 19.64 ug/ml



#8 n-Octadecane (C18)

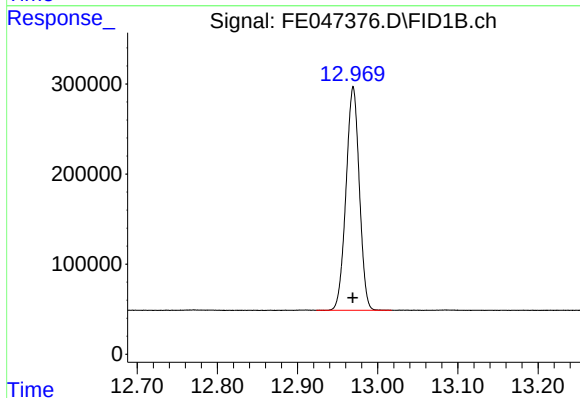
R.T.: 11.661 min
Delta R.T.: 0.001 min
Response: 2979055
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

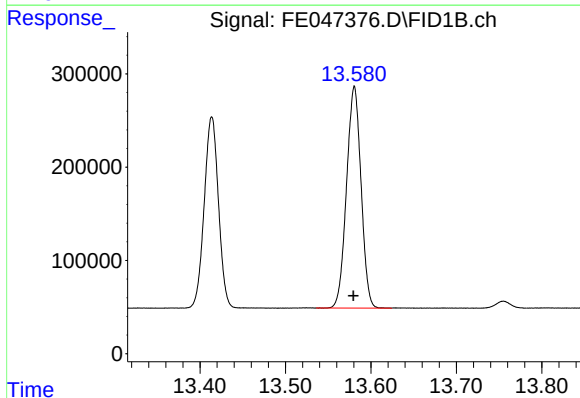
R.T.: 11.982 min
Delta R.T.: 0.001 min
Response: 3051592
Conc: 19.49 ug/ml

Instrument :
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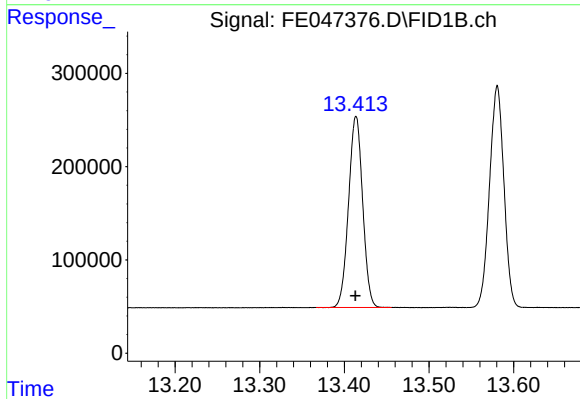
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 2860330
Conc: 19.66 ug/ml



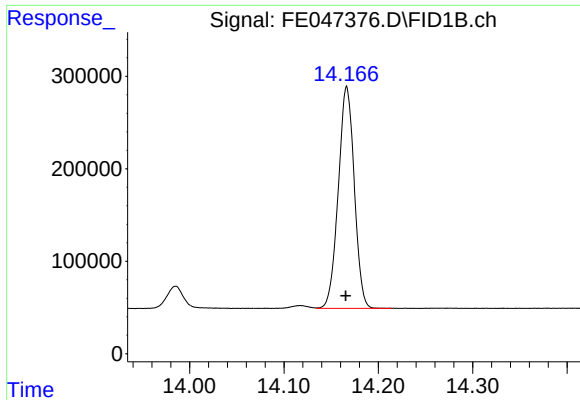
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 2801154
Conc: 19.60 ug/ml



#12 1-chlorooctadecane (SURR)

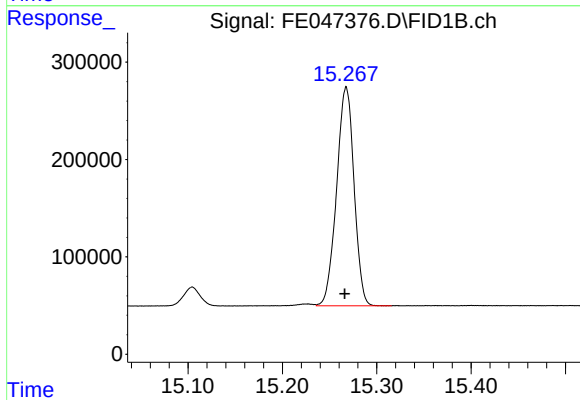
R.T.: 13.414 min
Delta R.T.: 0.000 min
Response: 2371164
Conc: 19.55 ug/ml



#13 n-Docosane (C22)

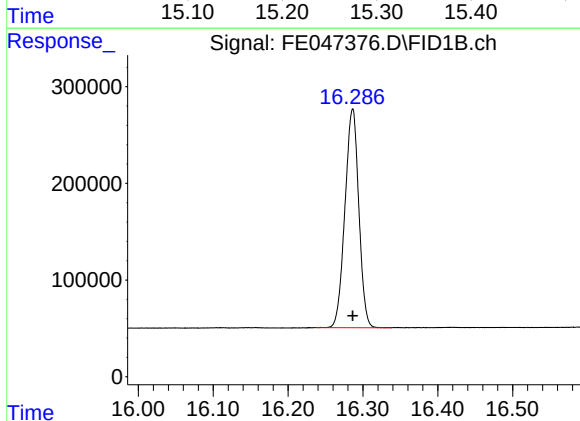
R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 2822530
Conc: 19.88 ug/ml

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20 PPM ALIPHATIC HC STD



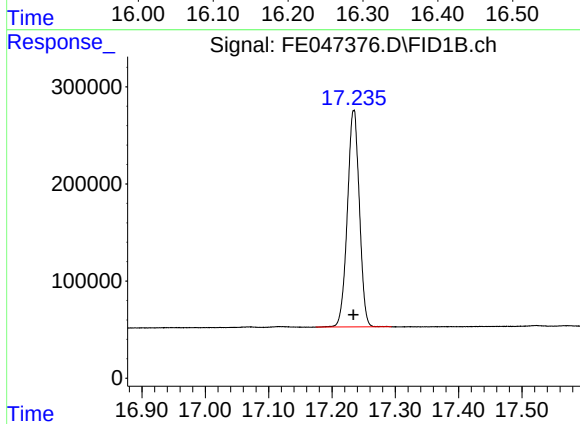
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.001 min
Response: 2881405
Conc: 20.44 ug/ml



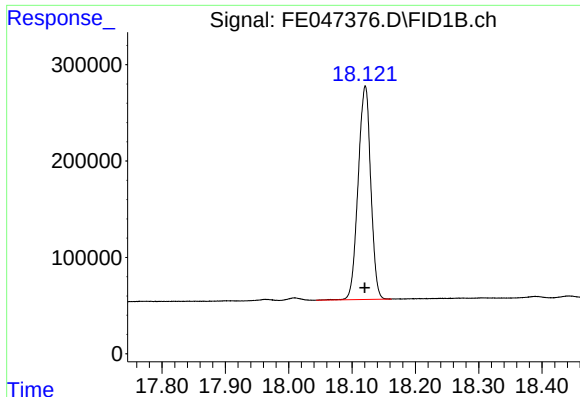
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.000 min
Response: 2908694
Conc: 20.92 ug/ml



#16 n-Octacosane (C28)

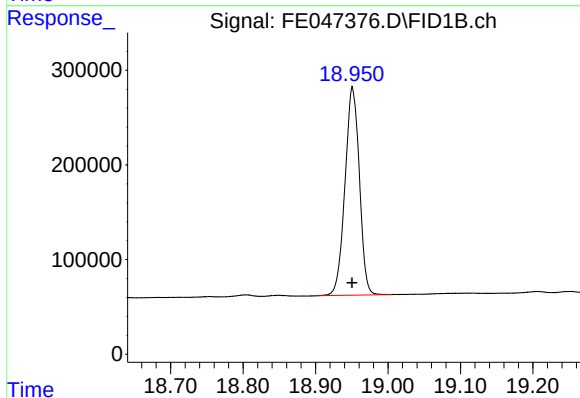
R.T.: 17.235 min
Delta R.T.: 0.000 min
Response: 2939354
Conc: 21.51 ug/ml



#17 n-Tricontane (C30)

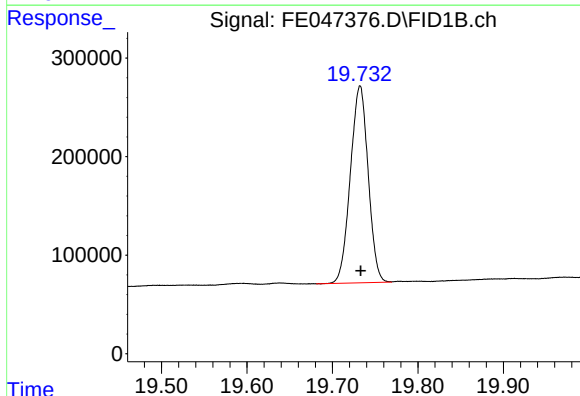
R.T.: 18.121 min
Delta R.T.: 0.001 min
Response: 3067345
Conc: 22.09 ug/ml

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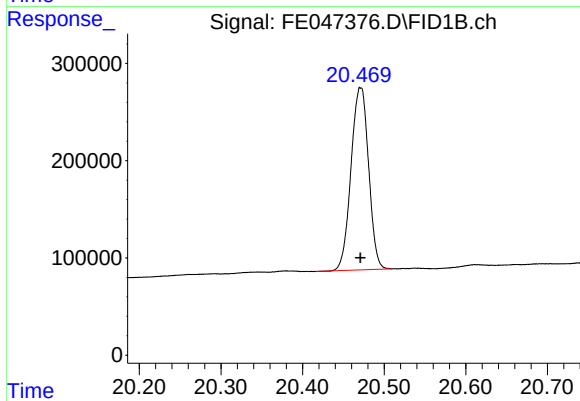
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: 0.000 min
Response: 3026359
Conc: 21.94 ug/ml



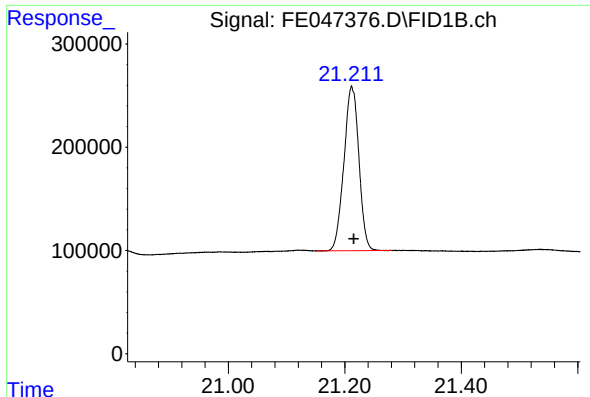
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: 0.000 min
Response: 2888486
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

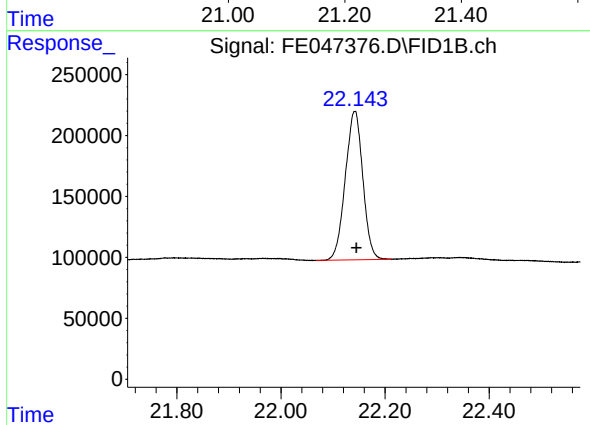
R.T.: 20.471 min
Delta R.T.: 0.000 min
Response: 2804840
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.004 min
Response: 2837503
Conc: 20.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.003 min
Response: 2850693
Conc: 19.90 ug/ml