

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020325AL\
 Data File : FD049044.D
 Signal(s) : FID2B.ch
 Acq On : 03 Feb 2025 14:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 04 01:15:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:57:24 2025
 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)	11.239	3948222	20.447 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	12.681	3039729	20.709 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
Target Compounds			
1) T n-Nonane (C9)	3.105	3182710	19.901 ug/ml
2) T n-Decane (C10)	4.149	3310512	20.303 ug/ml
3) T A~Naphthalene (C11.7)	5.696	3579370	20.945 ug/ml
4) T n-Dodecane (C12)	6.141	3387214	20.452 ug/ml
5) T A~2-methylnaphthalene...	6.742	3471129	21.534 ug/ml
6) T n-Tetradecane (C14)	7.921	3402483	20.581 ug/ml
7) T n-Hexadecane (C16)	9.510	3555342	20.620 ug/ml
8) T n-Octadecane (C18)	10.943	3617533	20.517 ug/ml
10) T n-Eicosane (C20)	12.243	3508410	20.385 ug/ml
11) T n-Heneicosane (C21)	12.852	3459780	20.318 ug/ml
13) T n-Docosane (C22)	13.435	3457841	20.335 ug/ml
14) T n-Tetracosane (C24)	14.530	3441312	20.200 ug/ml
15) T n-Hexacosane (C26)	15.546	3368841	20.113 ug/ml
16) T n-Octacosane (C28)	16.490	3316641	19.937 ug/ml
17) T n-Tricontane (C30)	17.373	3407072	19.849 ug/ml
18) T n-Dotriacontane (C32)	18.201	3250869	19.885 ug/ml
19) T n-Tetratriacontane (C34)	18.981	2799490	20.094 ug/ml
20) T n-Hexatriacontane (C36)	19.715	2354824	20.479 ug/ml
21) T n-Octatriacontane (C38)	20.413	2176627	21.006 ug/ml
22) T n-Tetracontane (C40)	21.185	2061300	21.508 ug/ml

(f)=RT Delta > 1/2 Window

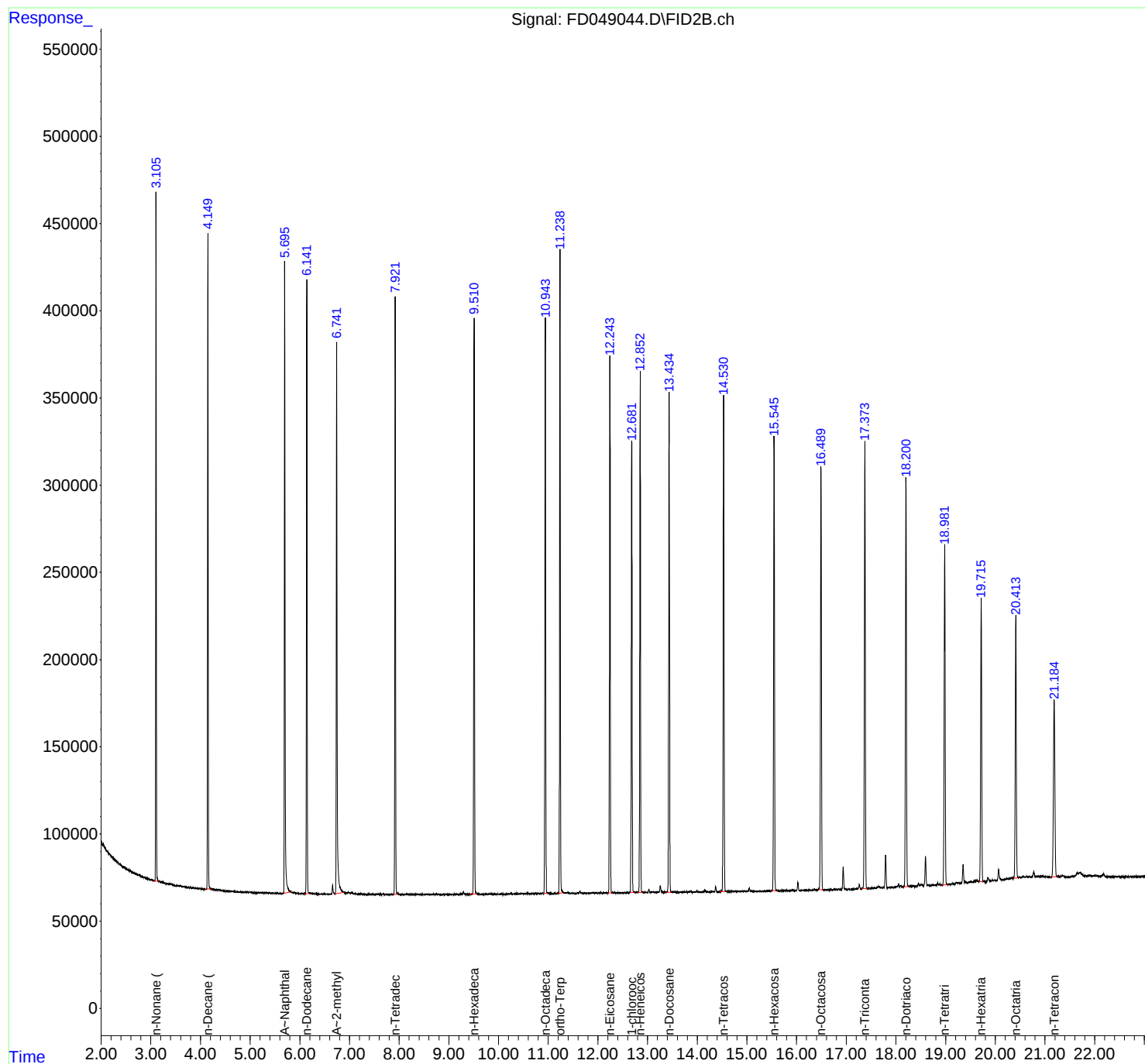
(m)=manual int.

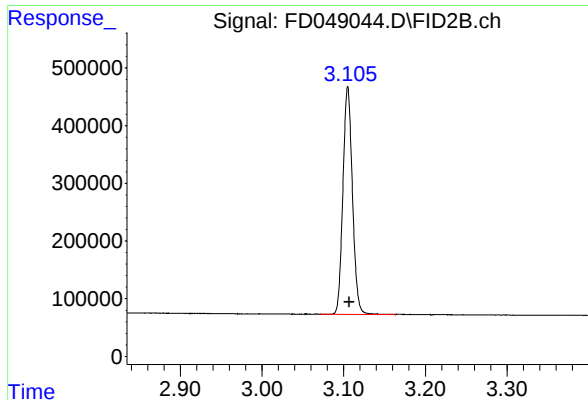
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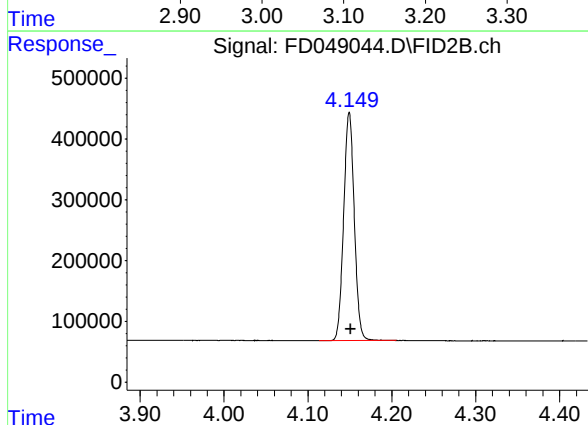




#1 n-Nonane (C9)

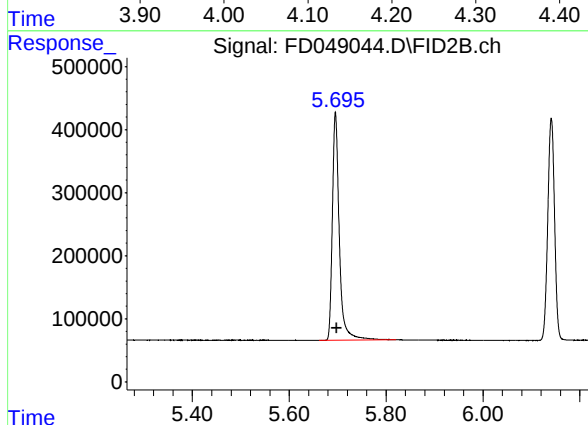
R.T.: 3.105 min
Delta R.T.: -0.002 min
Response: 3182710
Conc: 19.90 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



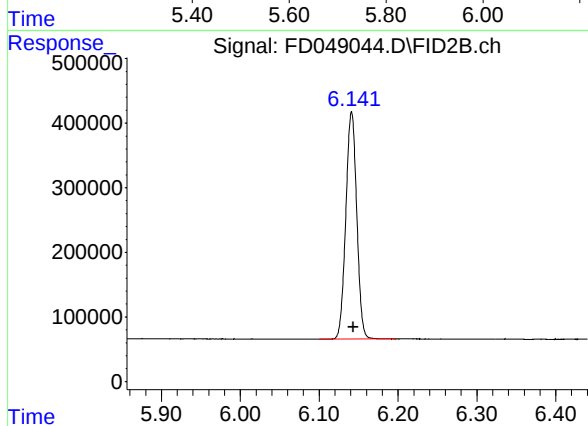
#2 n-Decane (C10)

R.T.: 4.149 min
Delta R.T.: -0.002 min
Response: 3310512
Conc: 20.30 ug/ml



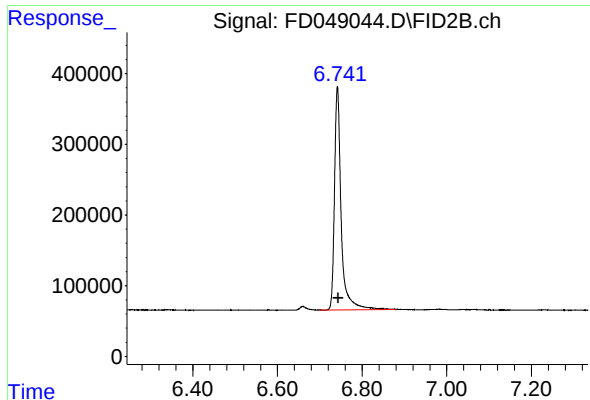
#3 A~Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 3579370
Conc: 20.95 ug/ml



#4 n-Dodecane (C12)

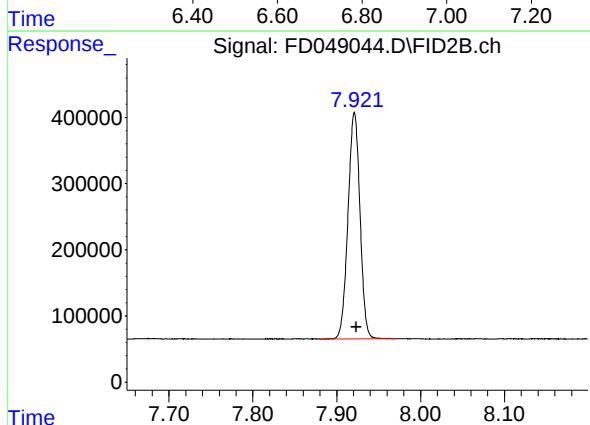
R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 3387214
Conc: 20.45 ug/ml



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

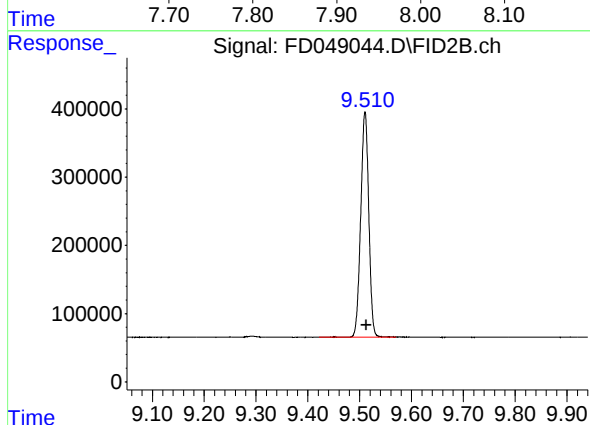
R.T.: 6.742 min
Delta R.T.: -0.002 min
Response: 3471129
Conc: 21.53 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



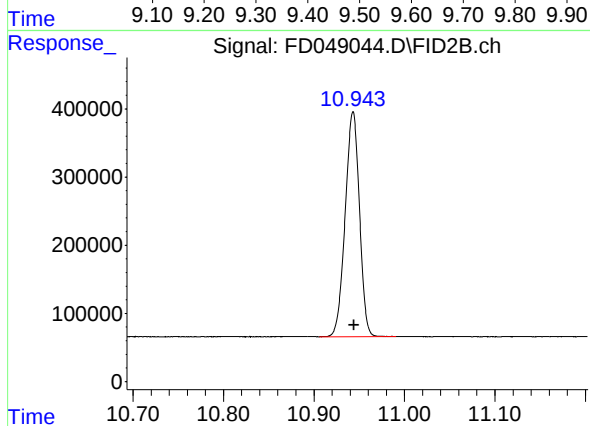
#6 n-Tetradecane (C14)

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 3402483
Conc: 20.58 ug/ml



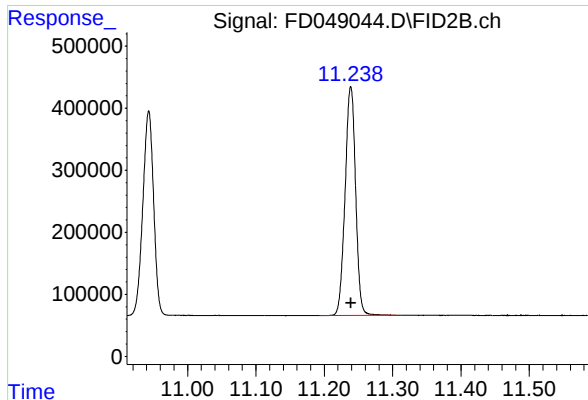
#7 n-Hexadecane (C16)

R.T.: 9.510 min
Delta R.T.: -0.003 min
Response: 3555342
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

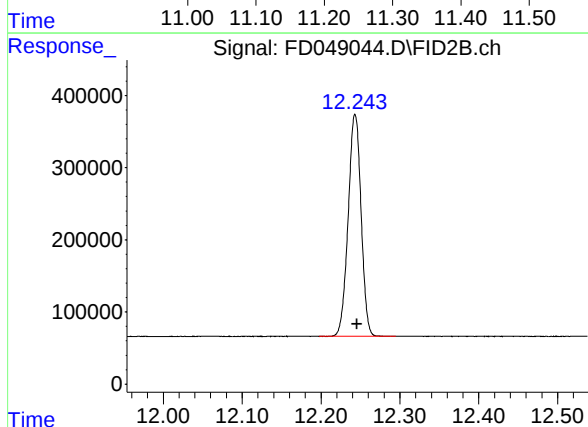
R.T.: 10.943 min
Delta R.T.: 0.000 min
Response: 3617533
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

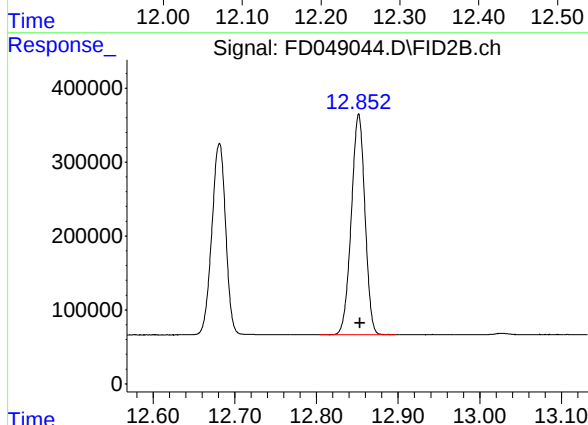
R.T.: 11.239 min
Delta R.T.: 0.000 min
Response: 3948222
Conc: 20.45 ug/ml

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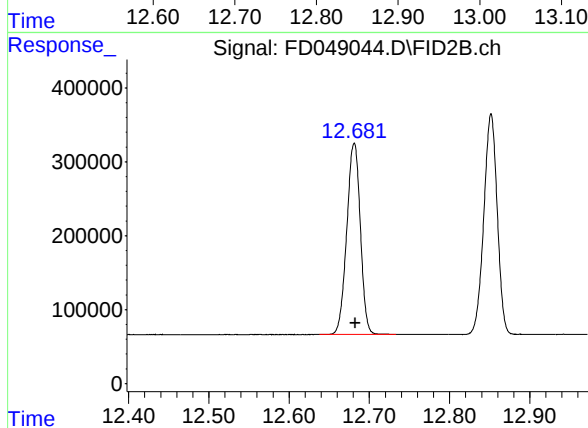
#10 n-Eicosane (C20)

R.T.: 12.243 min
Delta R.T.: -0.002 min
Response: 3508410
Conc: 20.39 ug/ml



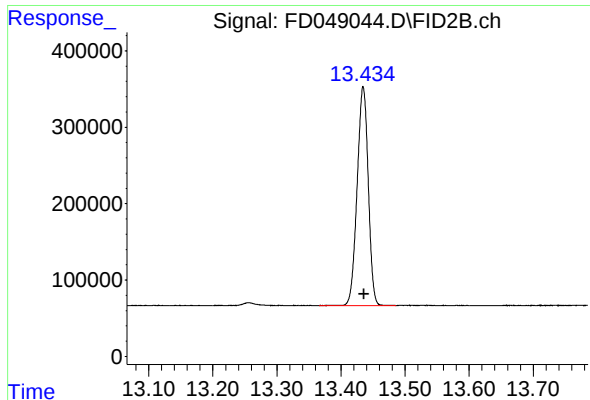
#11 n-Heneicosane (C21)

R.T.: 12.852 min
Delta R.T.: -0.002 min
Response: 3459780
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

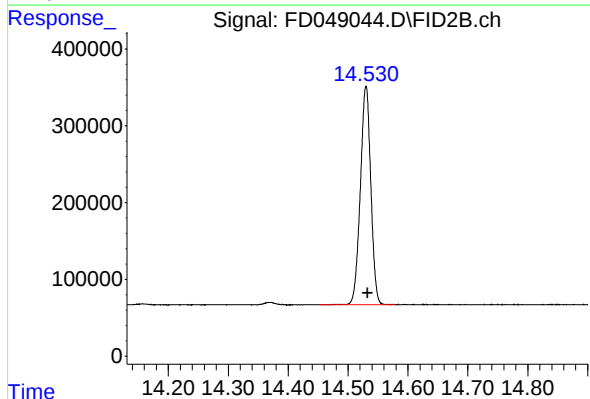
R.T.: 12.681 min
Delta R.T.: -0.001 min
Response: 3039729
Conc: 20.71 ug/ml



#13 n-Docosane (C22)

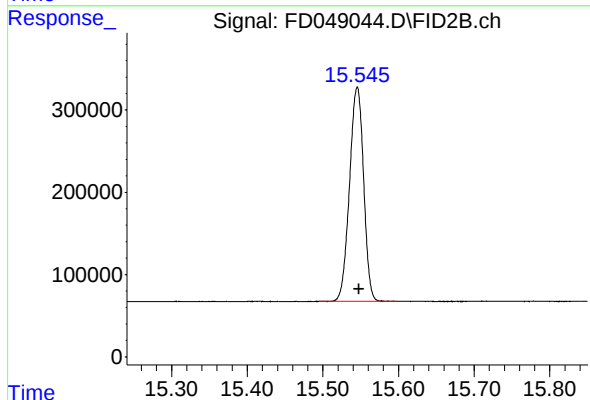
R.T.: 13.435 min
Delta R.T.: -0.001 min
Response: 3457841
Conc: 20.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



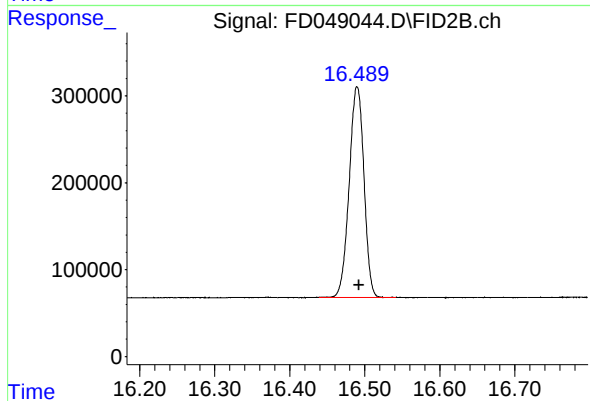
#14 n-Tetracosane (C24)

R.T.: 14.530 min
Delta R.T.: -0.003 min
Response: 3441312
Conc: 20.20 ug/ml



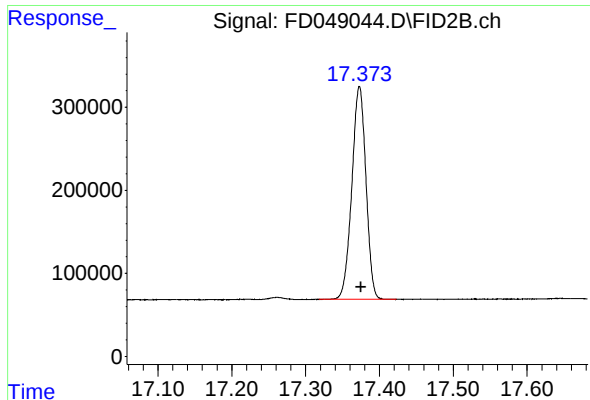
#15 n-Hexacosane (C26)

R.T.: 15.546 min
Delta R.T.: -0.002 min
Response: 3368841
Conc: 20.11 ug/ml



#16 n-Octacosane (C28)

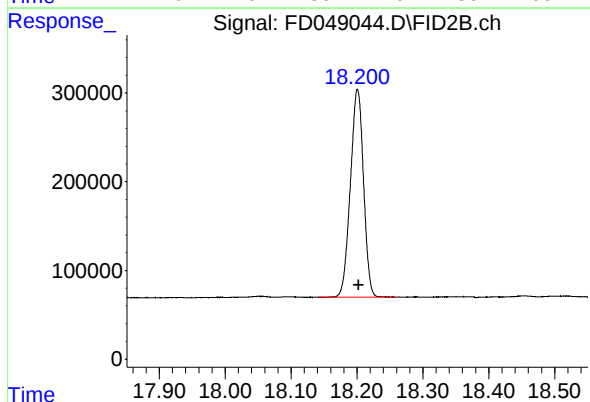
R.T.: 16.490 min
Delta R.T.: -0.003 min
Response: 3316641
Conc: 19.94 ug/ml



#17 n-Tricontane (C30)

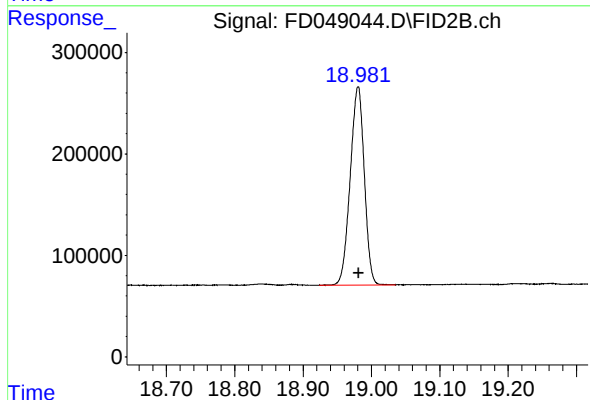
R.T.: 17.373 min
Delta R.T.: -0.002 min
Response: 3407072
Conc: 19.85 ug/ml

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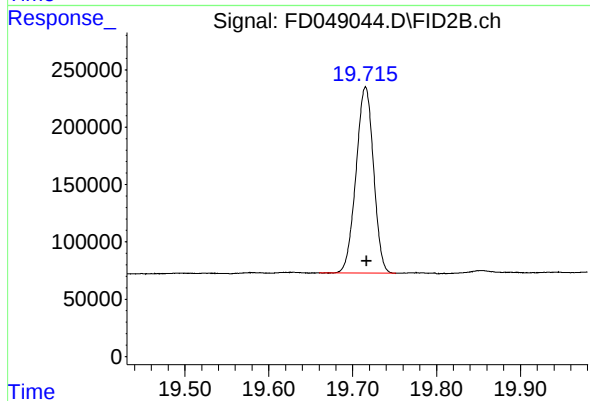
#18 n-Dotriacontane (C32)

R.T.: 18.201 min
Delta R.T.: -0.002 min
Response: 3250869
Conc: 19.89 ug/ml



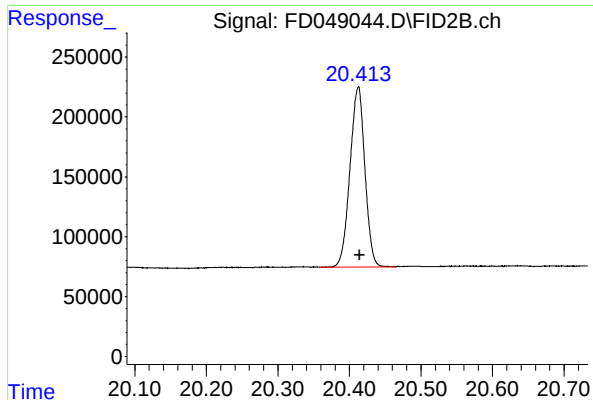
#19 n-Tetatriacontane (C34)

R.T.: 18.981 min
Delta R.T.: -0.001 min
Response: 2799490
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

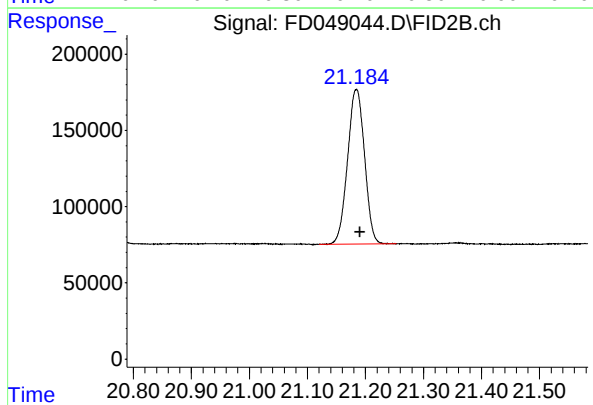
R.T.: 19.715 min
Delta R.T.: -0.001 min
Response: 2354824
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.413 min
Delta R.T.: -0.002 min
Response: 2176627
Conc: 21.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.185 min
Delta R.T.: -0.006 min
Response: 2061300
Conc: 21.51 ug/ml