

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020325AL\
 Data File : FD049038.D
 Signal(s) : FID2B.ch
 Acq On : 03 Feb 2025 10:44
 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 01:13:46 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)	11.237	3903487	20.215 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
12) S 1-chlorooctadecane (S...	12.680	2961952	20.179 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.104	3163059	19.779 ug/ml
2) T n-Decane (C10)	4.148	3280502	20.119 ug/ml
3) T A~Naphthalene (C11.7)	5.695	3516556	20.578 ug/ml
4) T n-Dodecane (C12)	6.141	3354874	20.256 ug/ml
5) T A~2-methylnaphthalene...	6.741	3373501	20.928 ug/ml
6) T n-Tetradecane (C14)	7.921	3352995	20.282 ug/ml
7) T n-Hexadecane (C16)	9.510	3514757	20.384 ug/ml
8) T n-Octadecane (C18)	10.942	3576551	20.284 ug/ml
10) T n-Eicosane (C20)	12.243	3470330	20.164 ug/ml
11) T n-Heneicosane (C21)	12.851	3424196	20.109 ug/ml
13) T n-Docosane (C22)	13.433	3418814	20.105 ug/ml
14) T n-Tetracosane (C24)	14.529	3389605	19.896 ug/ml
15) T n-Hexacosane (C26)	15.545	3337022	19.923 ug/ml
16) T n-Octacosane (C28)	16.489	3292248	19.791 ug/ml
17) T n-Tricontane (C30)	17.372	3363448	19.594 ug/ml
18) T n-Dotriacontane (C32)	18.199	3194446	19.540 ug/ml
19) T n-Tetratriacontane (C34)	18.979	2744586	19.700 ug/ml
20) T n-Hexatriacontane (C36)	19.714	2297588	19.981 ug/ml
21) T n-Octatriacontane (C38)	20.411	2096165	20.229 ug/ml
22) T n-Tetracontane (C40)	21.185	1958046	20.431 ug/ml

(f)=RT Delta > 1/2 Window

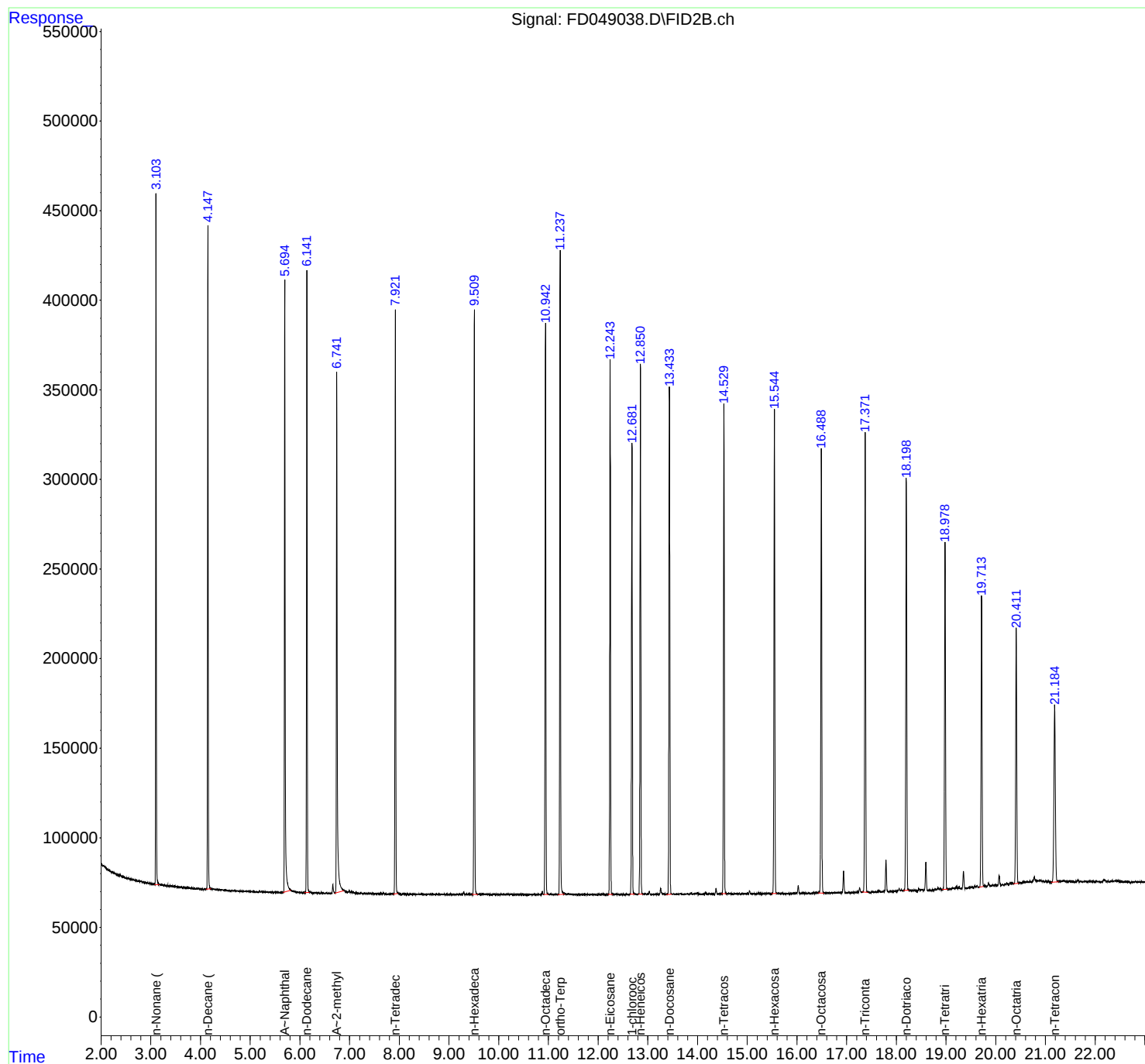
(m)=manual int.

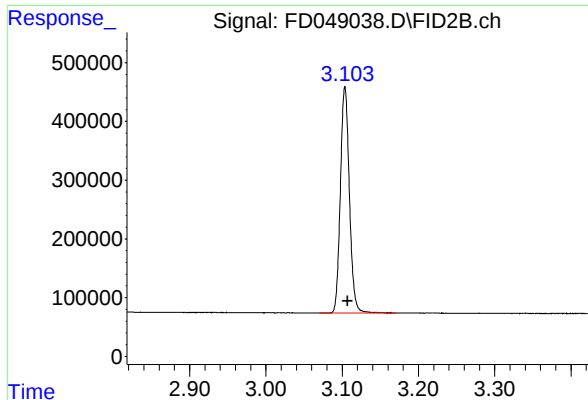
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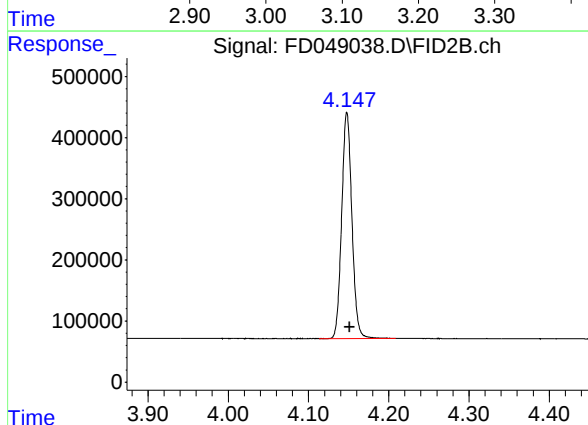




#1 n-Nonane (C9)

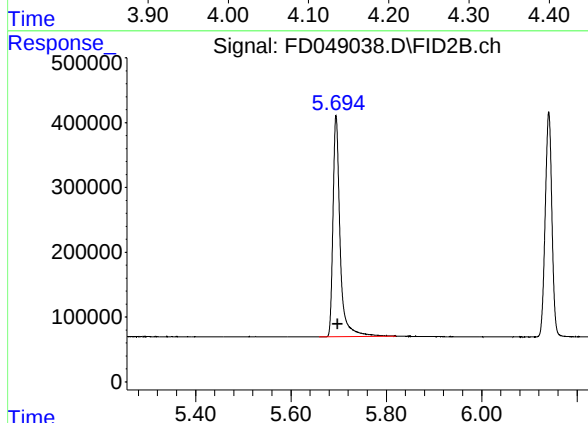
R.T.: 3.104 min
Delta R.T.: -0.003 min
Response: 3163059
Conc: 19.78 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



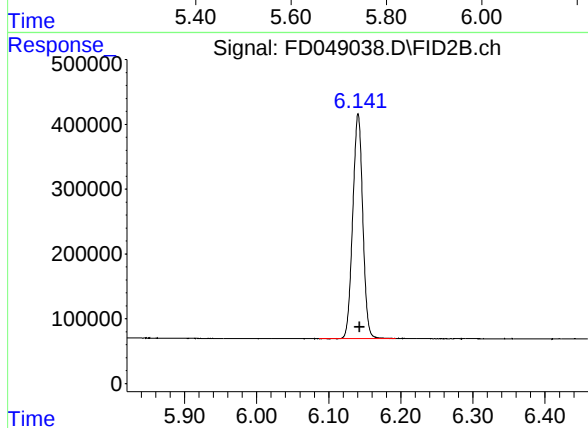
#2 n-Decane (C10)

R.T.: 4.148 min
Delta R.T.: -0.003 min
Response: 3280502
Conc: 20.12 ug/ml



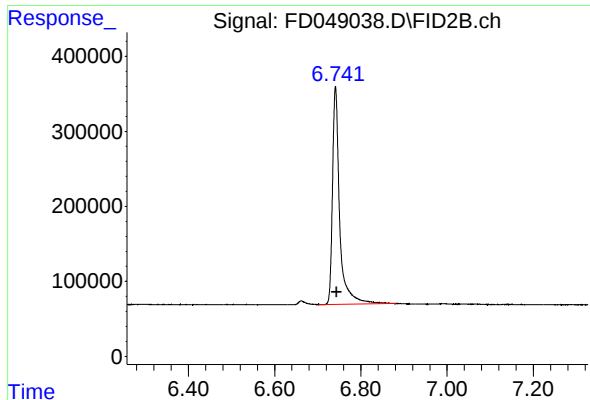
#3 A~Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 3516556
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

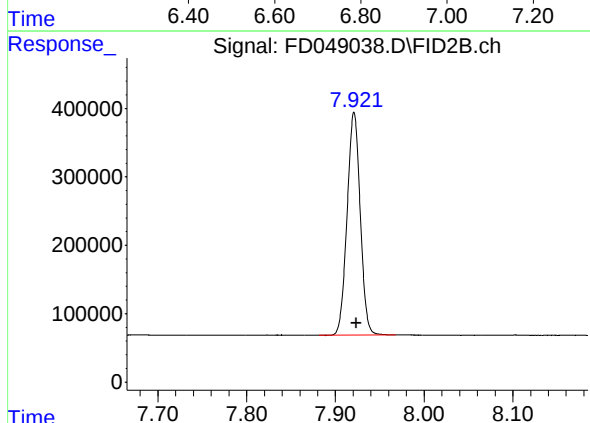
R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 3354874
Conc: 20.26 ug/ml



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

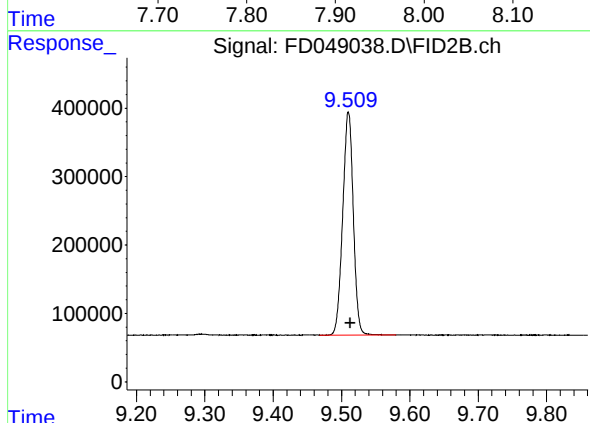
R.T.: 6.741 min
Delta R.T.: -0.003 min
Response: 3373501
Conc: 20.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



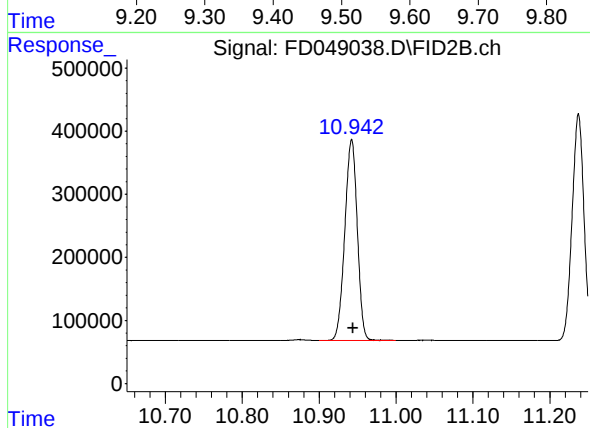
#6 n-Tetradecane (C14)

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 3352995
Conc: 20.28 ug/ml



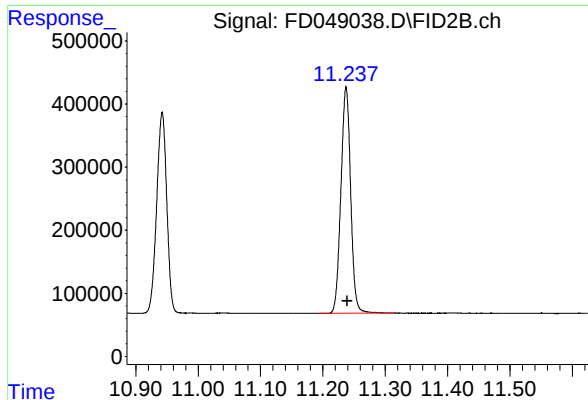
#7 n-Hexadecane (C16)

R.T.: 9.510 min
Delta R.T.: -0.003 min
Response: 3514757
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

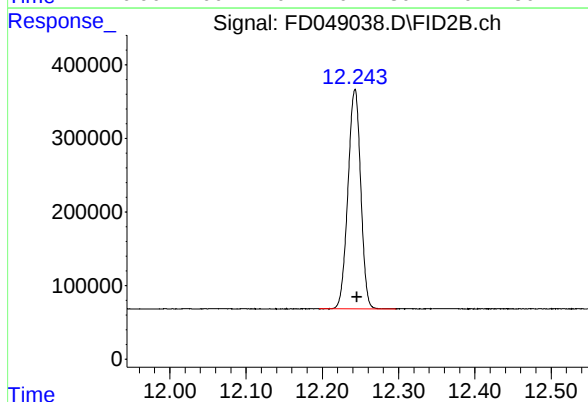
R.T.: 10.942 min
Delta R.T.: -0.002 min
Response: 3576551
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

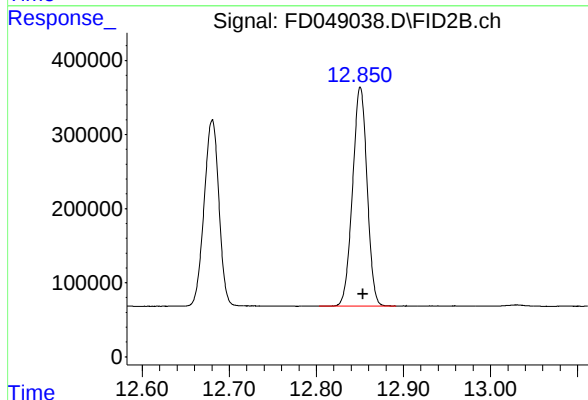
R.T.: 11.237 min
Delta R.T.: -0.002 min
Response: 3903487
Conc: 20.22 ug/ml

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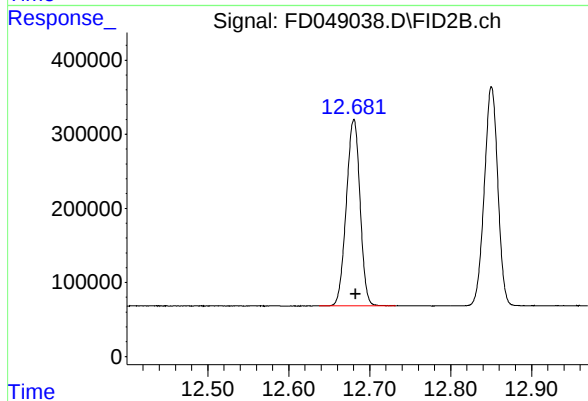
#10 n-Eicosane (C20)

R.T.: 12.243 min
Delta R.T.: -0.002 min
Response: 3470330
Conc: 20.16 ug/ml



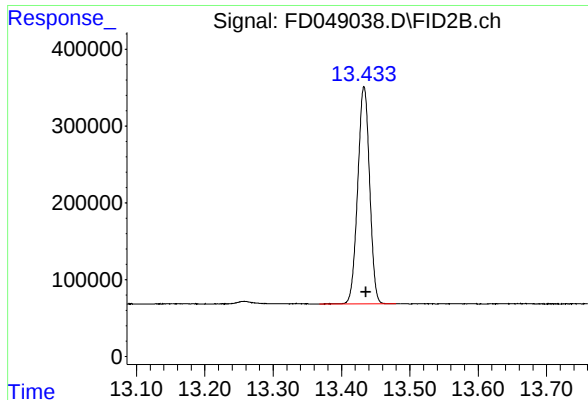
#11 n-Heneicosane (C21)

R.T.: 12.851 min
Delta R.T.: -0.003 min
Response: 3424196
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

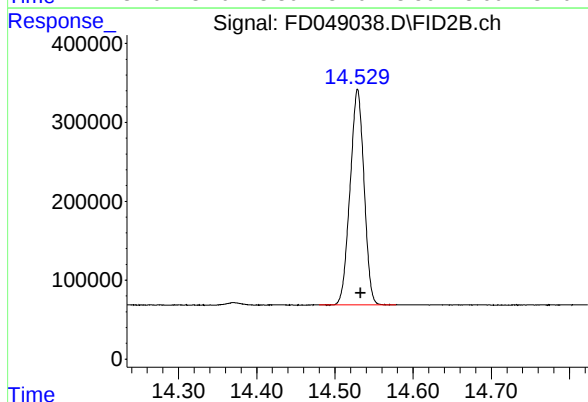
R.T.: 12.680 min
Delta R.T.: -0.002 min
Response: 2961952
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

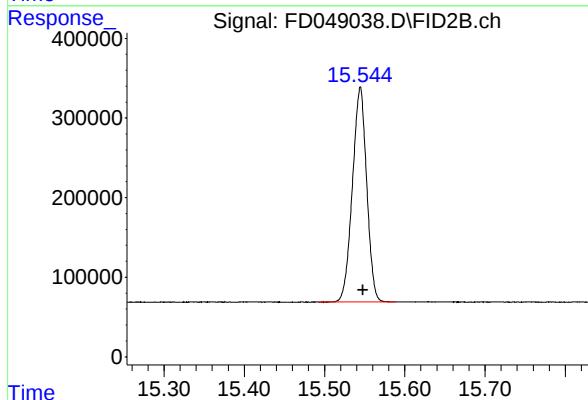
R.T.: 13.433 min
Delta R.T.: -0.003 min
Response: 3418814
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



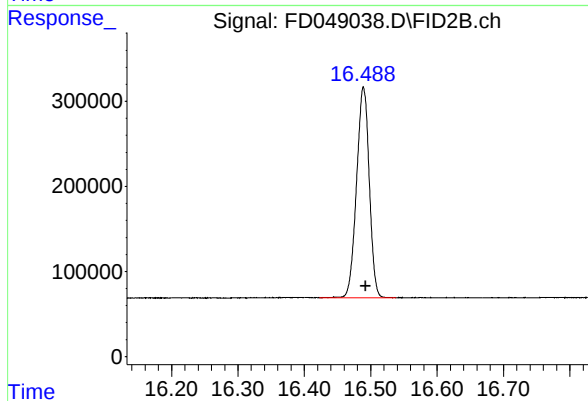
#14 n-Tetracosane (C24)

R.T.: 14.529 min
Delta R.T.: -0.004 min
Response: 3389605
Conc: 19.90 ug/ml



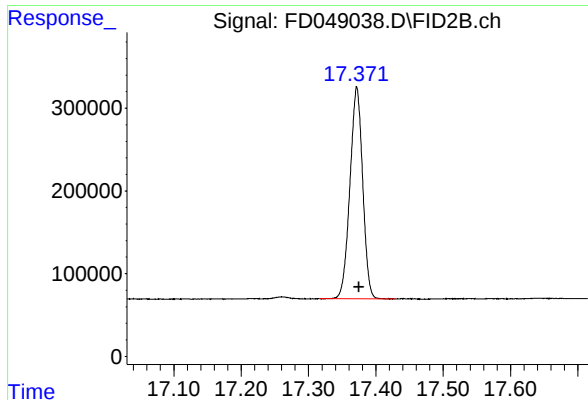
#15 n-Hexacosane (C26)

R.T.: 15.545 min
Delta R.T.: -0.003 min
Response: 3337022
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

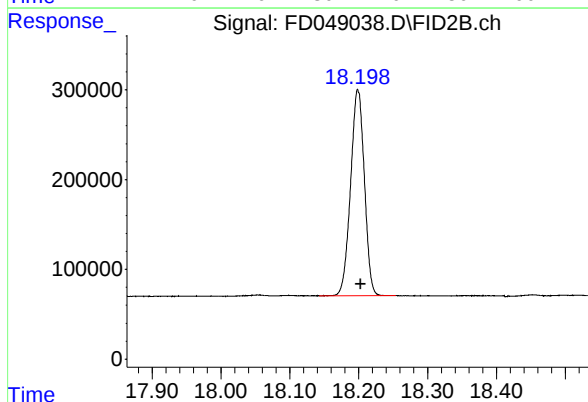
R.T.: 16.489 min
Delta R.T.: -0.003 min
Response: 3292248
Conc: 19.79 ug/ml



#17 n-Tricontane (C30)

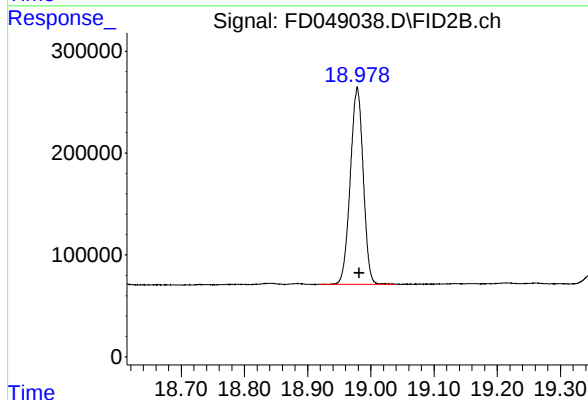
R.T.: 17.372 min
Delta R.T.: -0.003 min
Response: 3363448
Conc: 19.59 ug/ml

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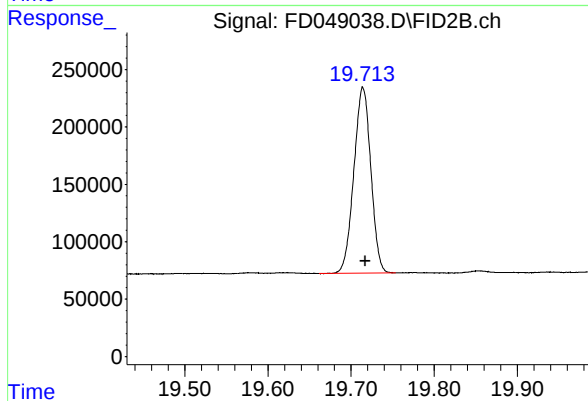
#18 n-Dotriacontane (C32)

R.T.: 18.199 min
Delta R.T.: -0.004 min
Response: 3194446
Conc: 19.54 ug/ml



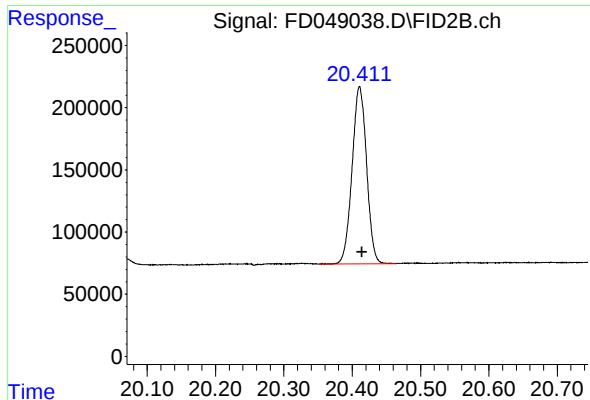
#19 n-Tetatriacontane (C34)

R.T.: 18.979 min
Delta R.T.: -0.003 min
Response: 2744586
Conc: 19.70 ug/ml



#20 n-Hexatriacontane (C36)

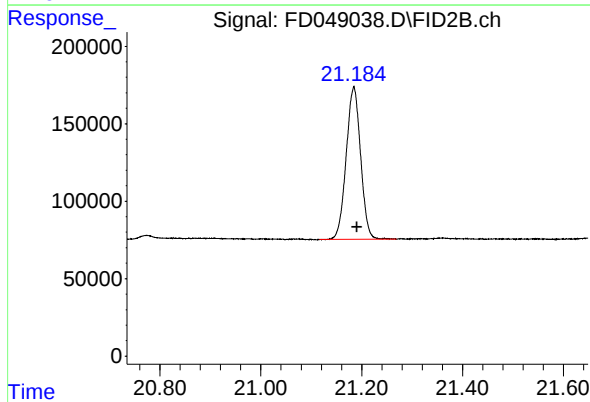
R.T.: 19.714 min
Delta R.T.: -0.003 min
Response: 2297588
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.411 min
Delta R.T.: -0.004 min
Response: 2096165
Conc: 20.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.185 min
Delta R.T.: -0.006 min
Response: 1958046
Conc: 20.43 ug/ml