

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AL\
 Data File : FD046496.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 02:33
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 15 04:50:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 04:46:37 2023
 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)	11.388	9950319	48.511 ug/ml
Spiked Amount 50.000		Recovery =	97.02%
12) S 1-chlorooctadecane (S...	12.820	7425467	48.587 ug/ml
Spiked Amount 50.000		Recovery =	97.17%
Target Compounds			
1) T n-Nonane (C9)	3.221	7661710	48.235 ug/ml
2) T n-Decane (C10)	4.274	7832823	48.282 ug/ml
3) T A~Naphthalene (C11.7)	5.833	8707806	48.189 ug/ml
4) T n-Dodecane (C12)	6.275	7918890	48.416 ug/ml
5) T A~2-methylnaphthalene...	6.882	8510436	48.478 ug/ml
6) T n-Tetradecane (C14)	8.059	7904244	48.482 ug/ml
7) T n-Hexadecane (C16)	9.651	8294022	48.476 ug/ml
8) T n-Octadecane (C18)	11.084	8589397	48.504 ug/ml
10) T n-Eicosane (C20)	12.382	8461124	48.532 ug/ml
11) T n-Heneicosane (C21)	12.990	8419900	48.547 ug/ml
13) T n-Docosane (C22)	13.572	8447931	48.544 ug/ml
14) T n-Tetracosane (C24)	14.667	8522008	48.525 ug/ml
15) T n-Hexacosane (C26)	15.680	8342413	48.537 ug/ml
16) T n-Octacosane (C28)	16.621	8050380	48.503 ug/ml
17) T n-Tricontane (C30)	17.502	7921871	48.444 ug/ml
18) T n-Dotriacontane (C32)	18.328	7494504	48.385 ug/ml
19) T n-Tetratriacontane (C34)	19.104	7154264	47.881 ug/ml
20) T n-Hexatriacontane (C36)	19.836	6585425	48.579 ug/ml
21) T n-Octatriacontane (C38)	20.536	6312779	48.676 ug/ml
22) T n-Tetracontane (C40)	21.349	5997763	48.697 ug/ml

(f)=RT Delta > 1/2 Window

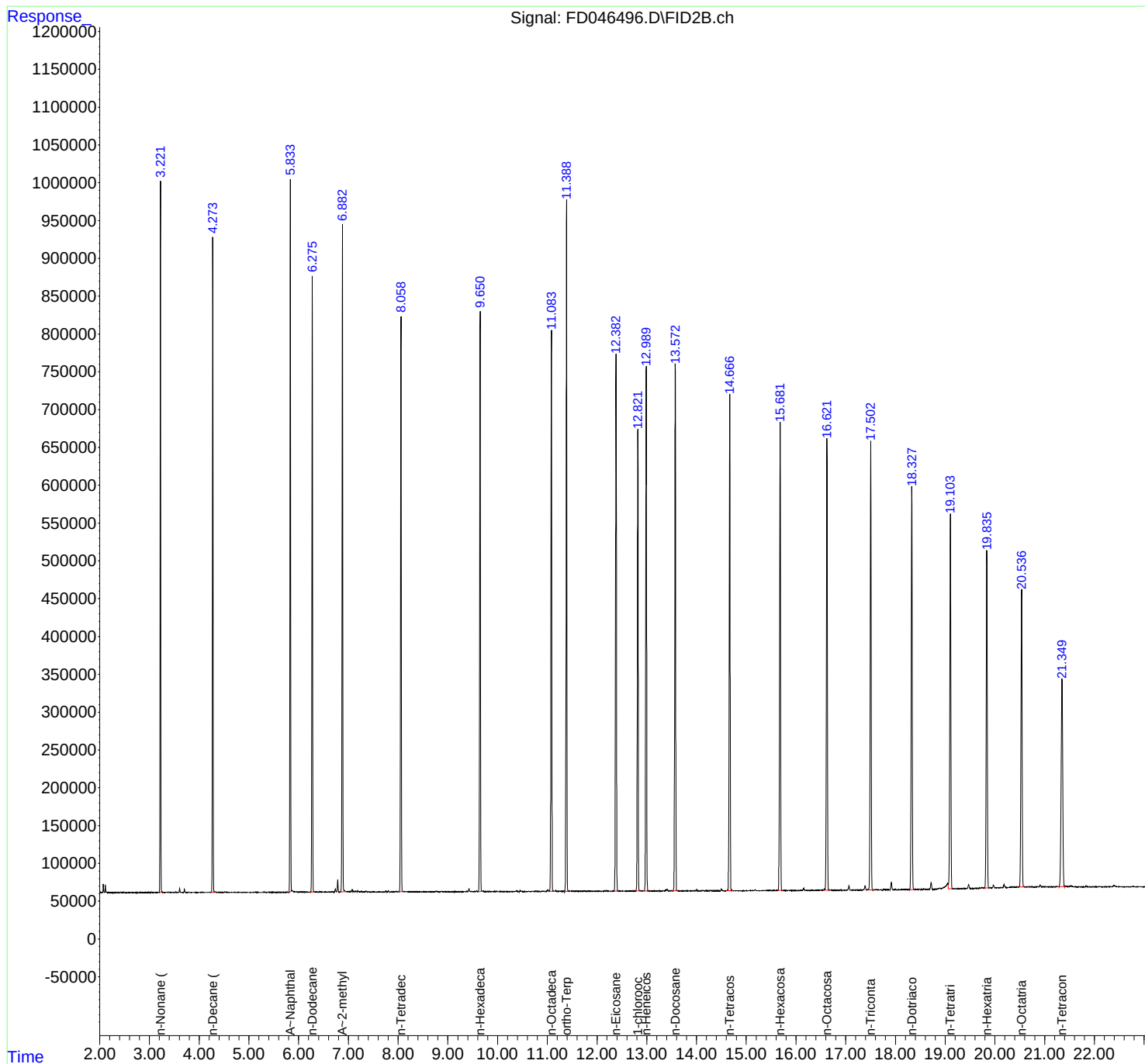
(m)=manual int.

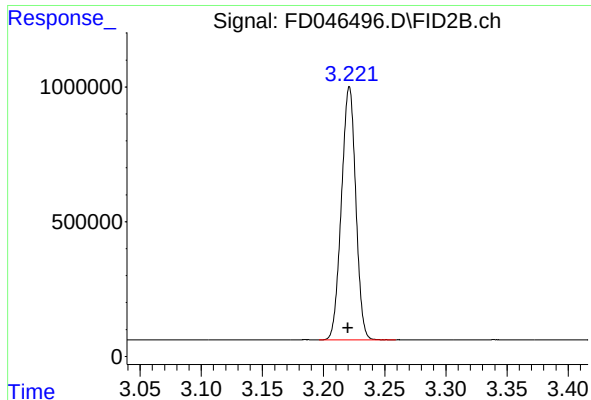
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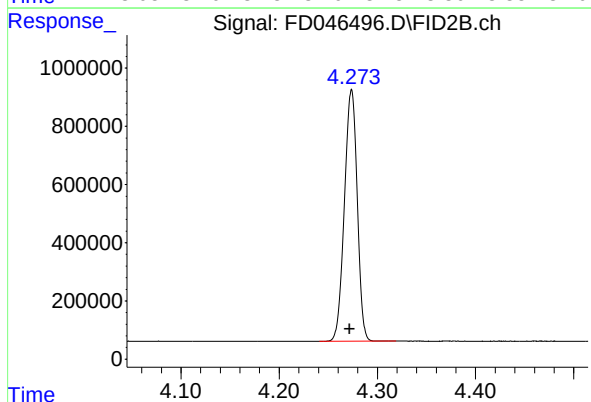




#1 n-Nonane (C9)

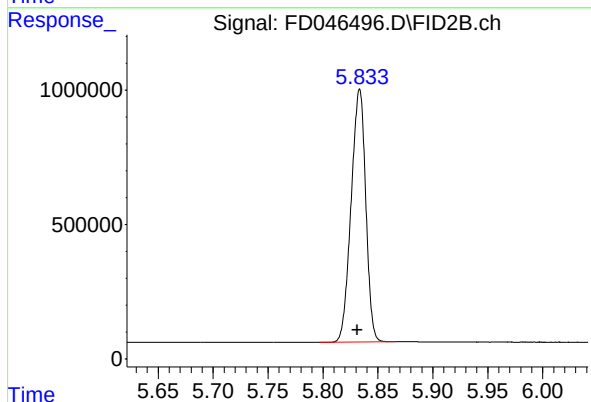
R.T.: 3.221 min
Delta R.T.: 0.001 min
Response: 7661710
Conc: 48.23 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



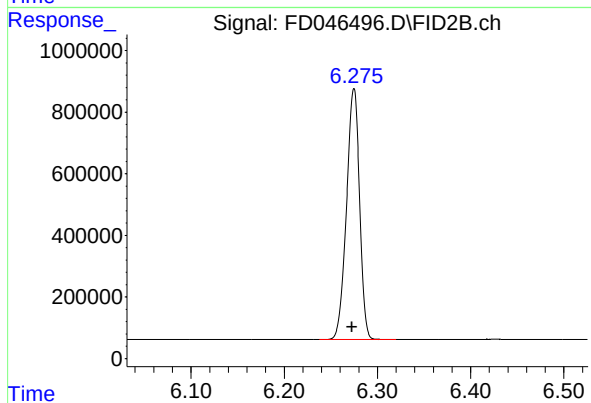
#2 n-Decane (C10)

R.T.: 4.274 min
Delta R.T.: 0.002 min
Response: 7832823
Conc: 48.28 ug/ml



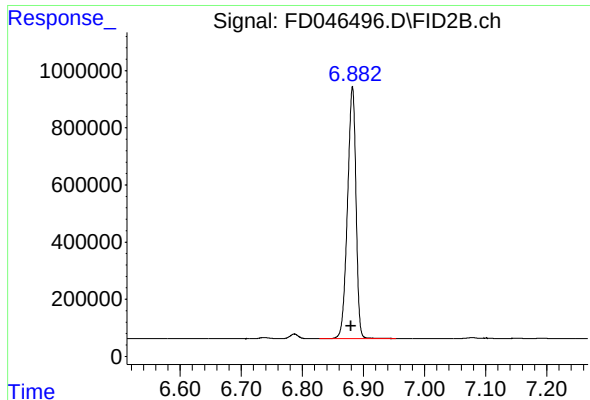
#3 A~Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: 0.002 min
Response: 8707806
Conc: 48.19 ug/ml



#4 n-Dodecane (C12)

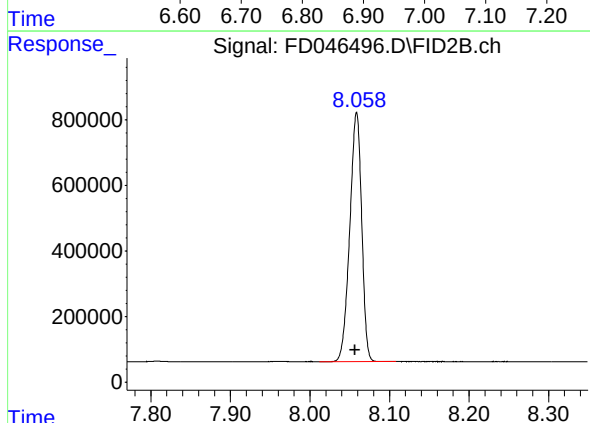
R.T.: 6.275 min
Delta R.T.: 0.002 min
Response: 7918890
Conc: 48.42 ug/ml



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

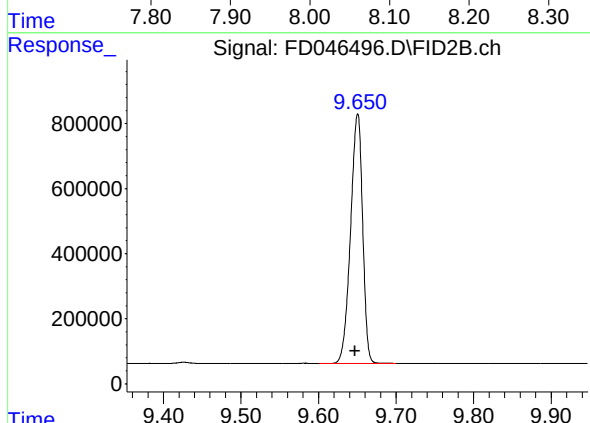
R.T.: 6.882 min
Delta R.T.: 0.002 min
Response: 8510436
Conc: 48.48 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



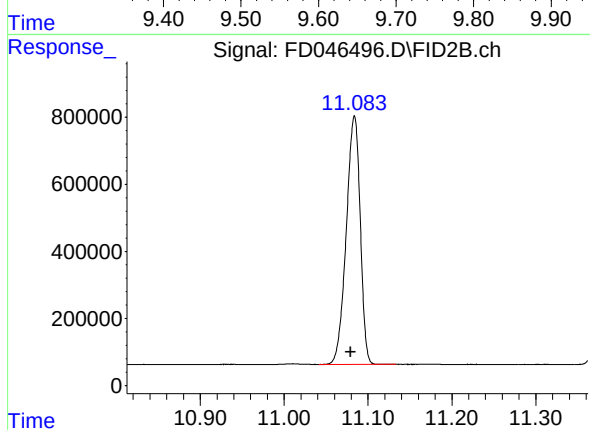
#6 n-Tetradecane (C14)

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 7904244
Conc: 48.48 ug/ml



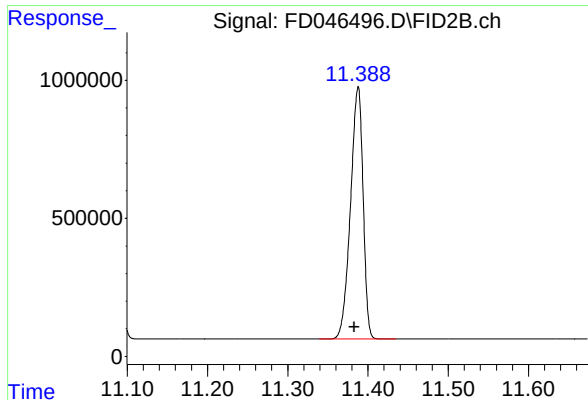
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: 0.004 min
Response: 8294022
Conc: 48.48 ug/ml



#8 n-Octadecane (C18)

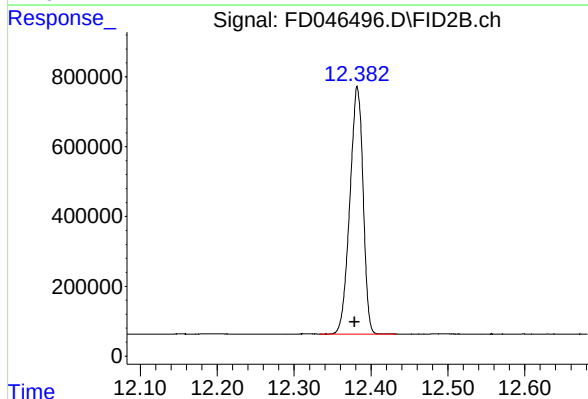
R.T.: 11.084 min
Delta R.T.: 0.004 min
Response: 8589397
Conc: 48.50 ug/ml



#9 ortho-Terphenyl (SURR)

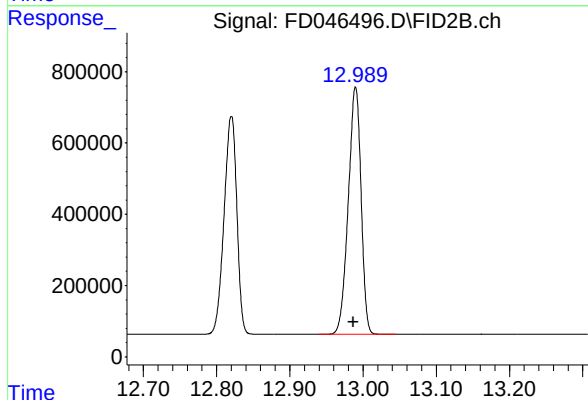
R.T.: 11.388 min
Delta R.T.: 0.005 min
Response: 9950319
Conc: 48.51 ug/ml

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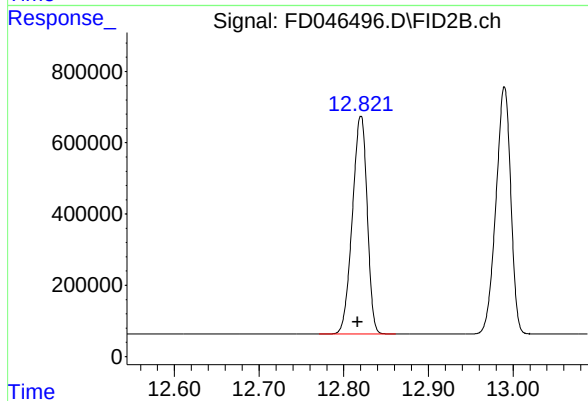
#10 n-Eicosane (C20)

R.T.: 12.382 min
Delta R.T.: 0.003 min
Response: 8461124
Conc: 48.53 ug/ml



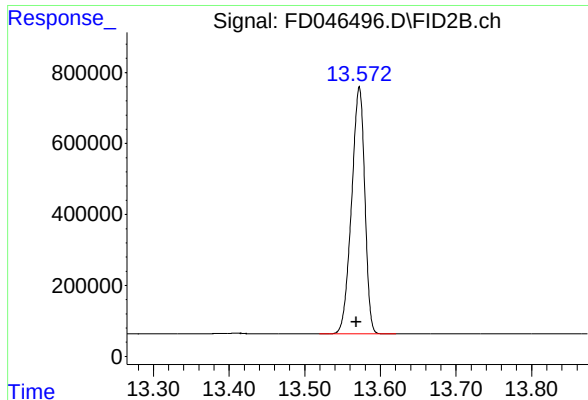
#11 n-Heneicosane (C21)

R.T.: 12.990 min
Delta R.T.: 0.003 min
Response: 8419900
Conc: 48.55 ug/ml



#12 1-chlorooctadecane (SURR)

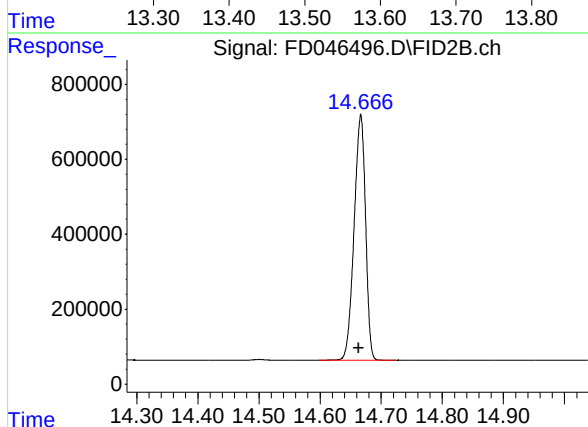
R.T.: 12.820 min
Delta R.T.: 0.004 min
Response: 7425467
Conc: 48.59 ug/ml



#13 n-Docosane (C22)

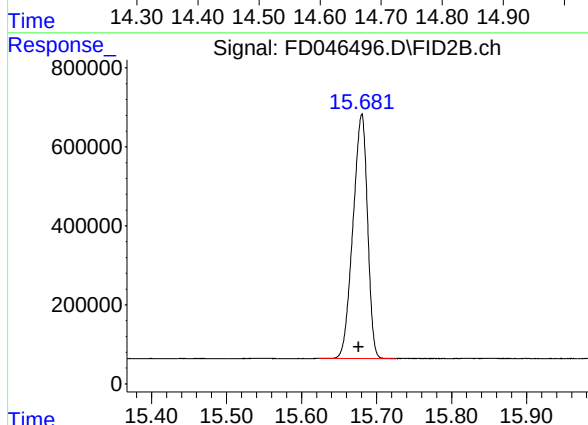
R.T.: 13.572 min
Delta R.T.: 0.004 min
Response: 8447931
Conc: 48.54 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



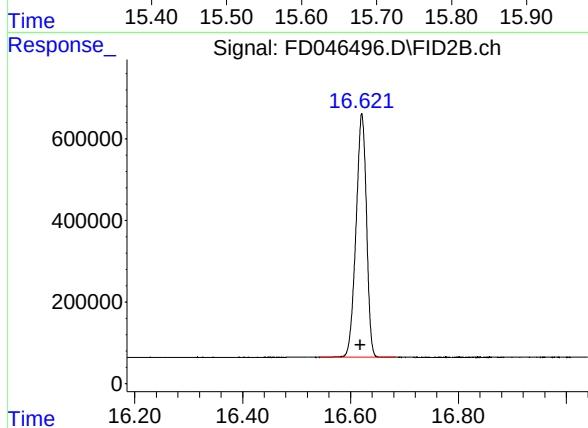
#14 n-Tetracosane (C24)

R.T.: 14.667 min
Delta R.T.: 0.003 min
Response: 8522008
Conc: 48.52 ug/ml



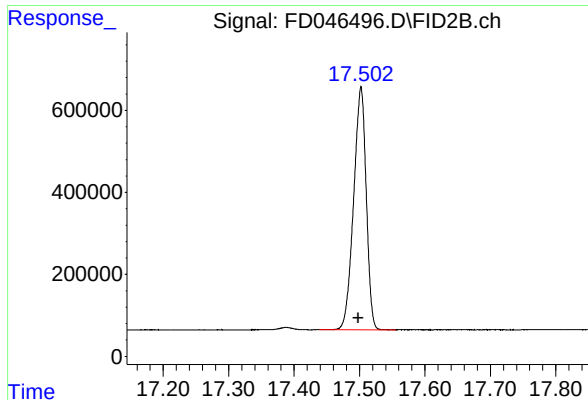
#15 n-Hexacosane (C26)

R.T.: 15.680 min
Delta R.T.: 0.004 min
Response: 8342413
Conc: 48.54 ug/ml



#16 n-Octacosane (C28)

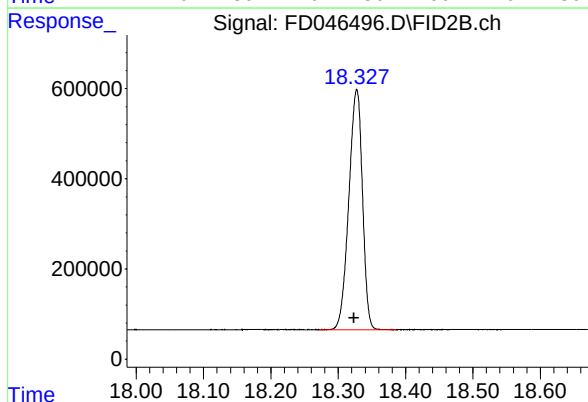
R.T.: 16.621 min
Delta R.T.: 0.003 min
Response: 8050380
Conc: 48.50 ug/ml



#17 n-Tricontane (C30)

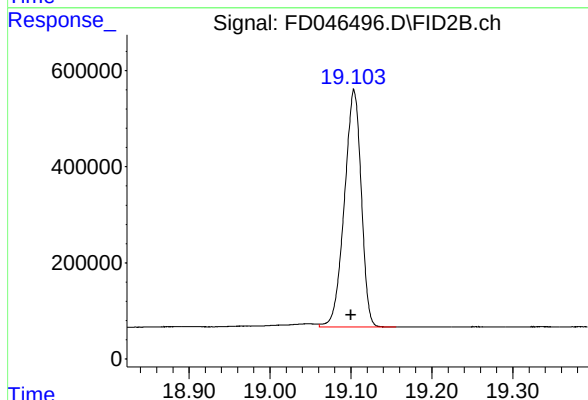
R.T.: 17.502 min
Delta R.T.: 0.004 min
Response: 7921871
Conc: 48.44 ug/ml

Instrument :
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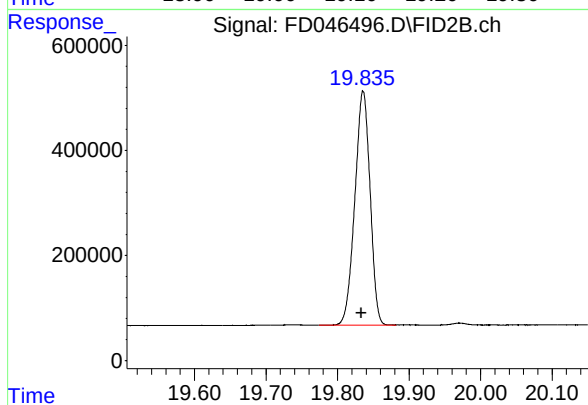
#18 n-Dotriacontane (C32)

R.T.: 18.328 min
Delta R.T.: 0.004 min
Response: 7494504
Conc: 48.39 ug/ml



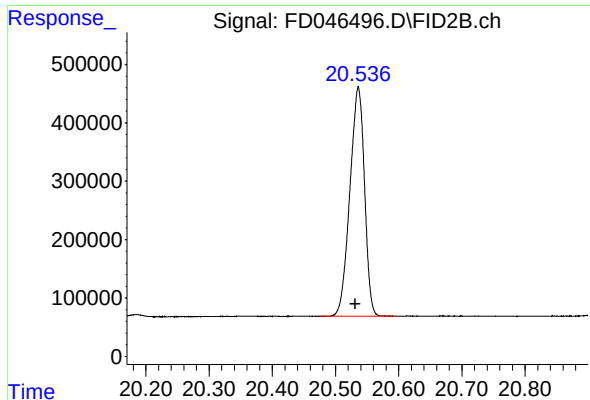
#19 n-Tetatriacontane (C34)

R.T.: 19.104 min
Delta R.T.: 0.004 min
Response: 7154264
Conc: 47.88 ug/ml



#20 n-Hexatriacontane (C36)

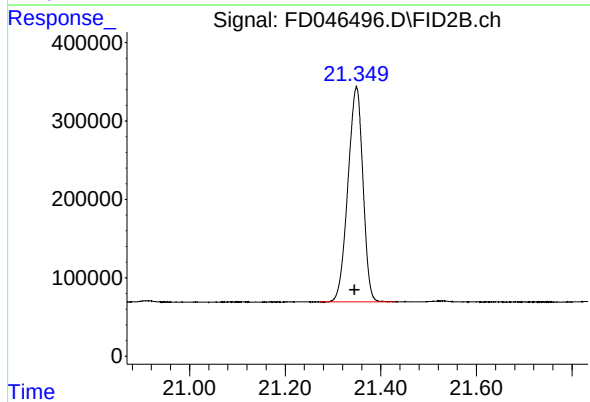
R.T.: 19.836 min
Delta R.T.: 0.002 min
Response: 6585425
Conc: 48.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.536 min
Delta R.T.: 0.005 min
Response: 6312779
Conc: 48.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.349 min
Delta R.T.: 0.004 min
Response: 5997763
Conc: 48.70 ug/ml