

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047737.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 14:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 03:29:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 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)	11.352	4482016	20.539 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	12.791	3351897	20.570 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.187	3919308	20.355 ug/ml
2) T n-Decane (C10)	4.239	4035706	20.385 ug/ml
3) T A~Naphthalene (C11.7)	5.796	4477645	20.561 ug/ml
4) T n-Dodecane (C12)	6.240	4060856	20.447 ug/ml
5) T A~2-methylnaphthalene...	6.845	4307028	20.532 ug/ml
6) T n-Tetradecane (C14)	8.024	4001842	20.489 ug/ml
7) T n-Hexadecane (C16)	9.616	4126020	20.559 ug/ml
8) T n-Octadecane (C18)	11.050	4176708	20.566 ug/ml
10) T n-Eicosane (C20)	12.352	4013452	20.558 ug/ml
11) T n-Heneicosane (C21)	12.961	3940546	20.486 ug/ml
13) T n-Docosane (C22)	13.544	3919265	20.596 ug/ml
14) T n-Tetracosane (C24)	14.641	3860182	20.531 ug/ml
15) T n-Hexacosane (C26)	15.657	3722169	20.548 ug/ml
16) T n-Octacosane (C28)	16.602	3593521	20.619 ug/ml
17) T n-Tricontane (C30)	17.485	3604425	20.655 ug/ml
18) T n-Dotriacontane (C32)	18.313	3475627	20.414 ug/ml
19) T n-Tetratriacontane (C34)	19.093	3319331	20.582 ug/ml
20) T n-Hexatriacontane (C36)	19.827	3134366	20.504 ug/ml
21) T n-Octatriacontane (C38)	20.528	3031512	20.617 ug/ml
22) T n-Tetracontane (C40)	21.337	2923499	20.614 ug/ml

(f)=RT Delta > 1/2 Window

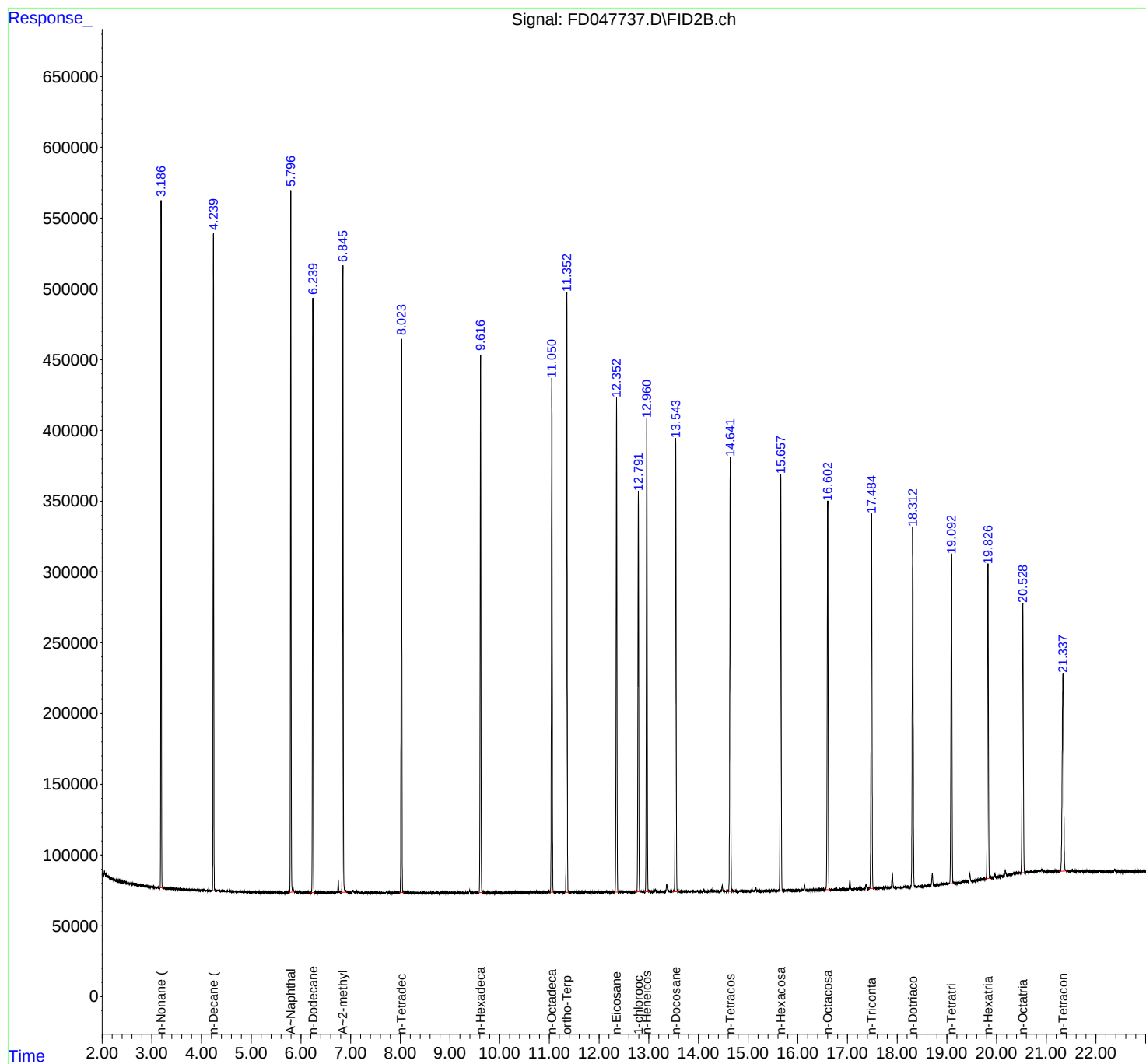
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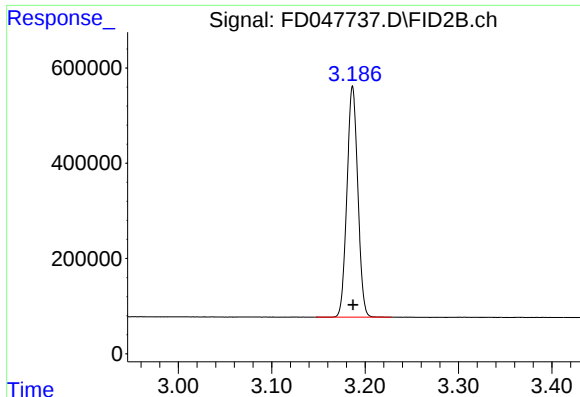
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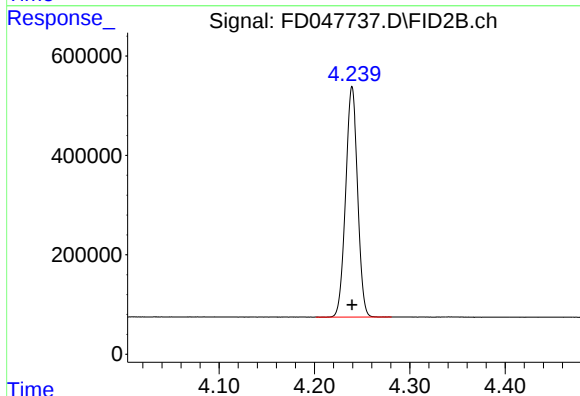




#1 n-Nonane (C9)

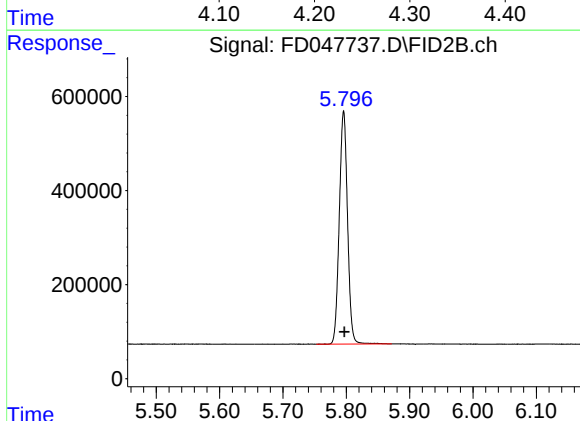
R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 3919308
Conc: 20.36 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



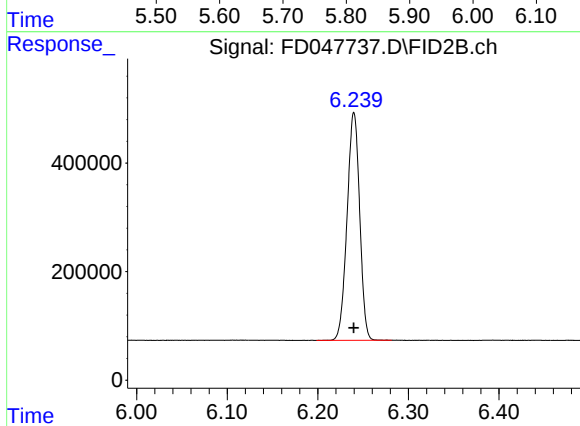
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 4035706
Conc: 20.38 ug/ml



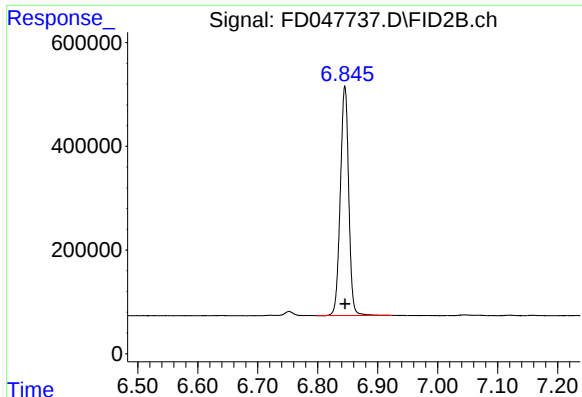
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 4477645
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

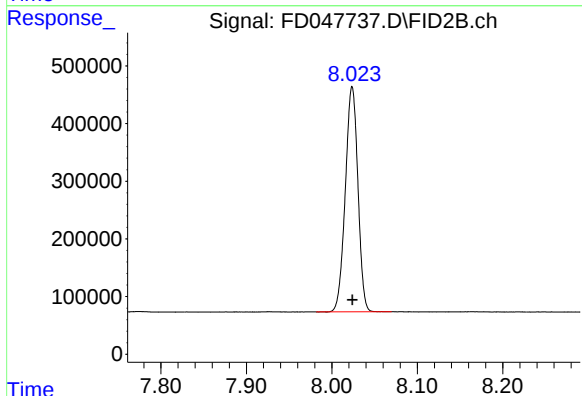
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 4060856
Conc: 20.45 ug/ml



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

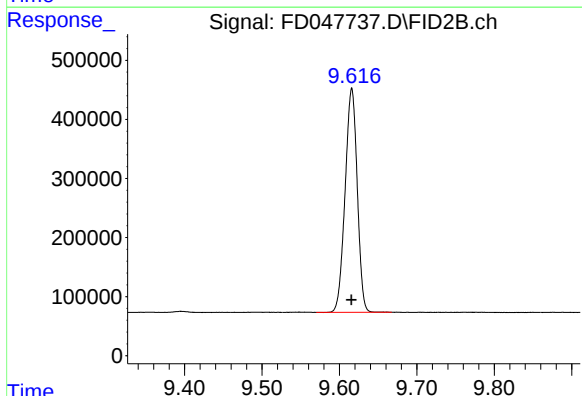
R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 4307028
Conc: 20.53 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



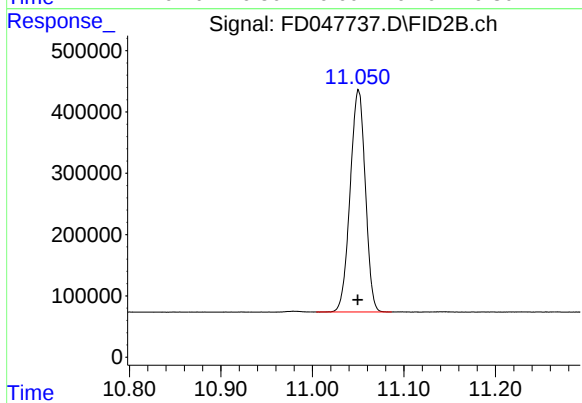
#6 n-Tetradecane (C14)

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 4001842
Conc: 20.49 ug/ml



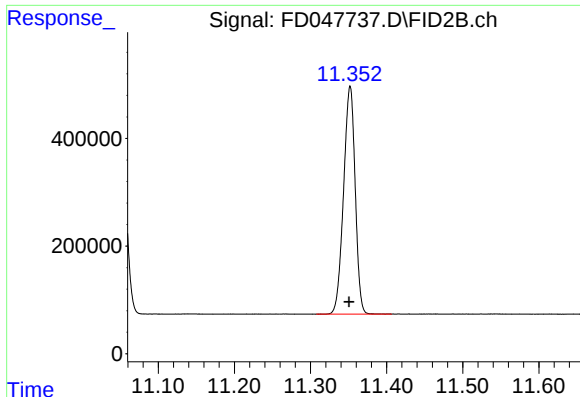
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 4126020
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

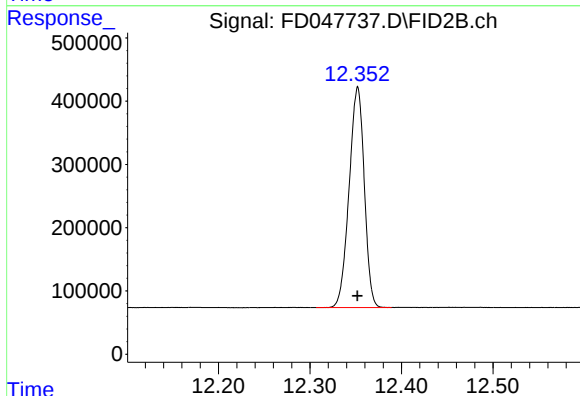
R.T.: 11.050 min
Delta R.T.: 0.000 min
Response: 4176708
Conc: 20.57 ug/ml



#9 ortho-Terphenyl (SURR)

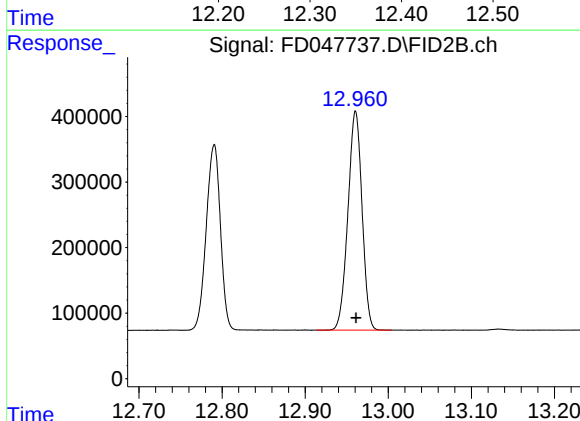
R.T.: 11.352 min
Delta R.T.: 0.001 min
Response: 4482016
Conc: 20.54 ug/ml

Instrument :
FID_D
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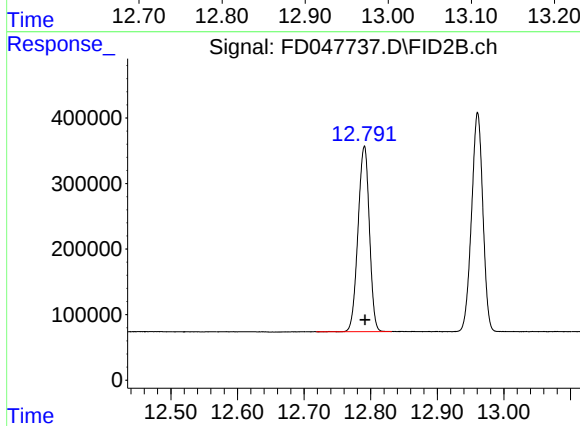
#10 n-Eicosane (C20)

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 4013452
Conc: 20.56 ug/ml



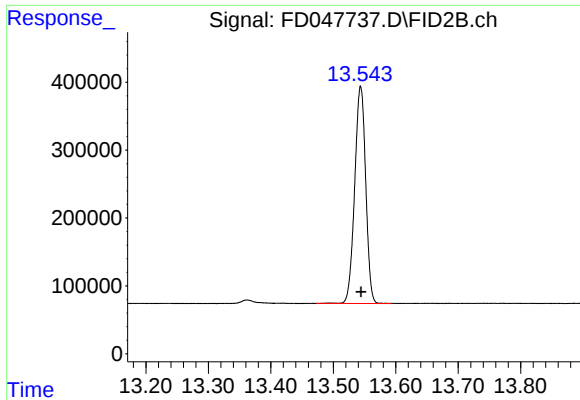
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 3940546
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

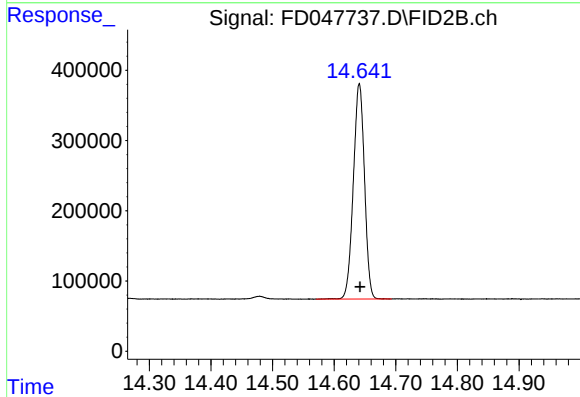
R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 3351897
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

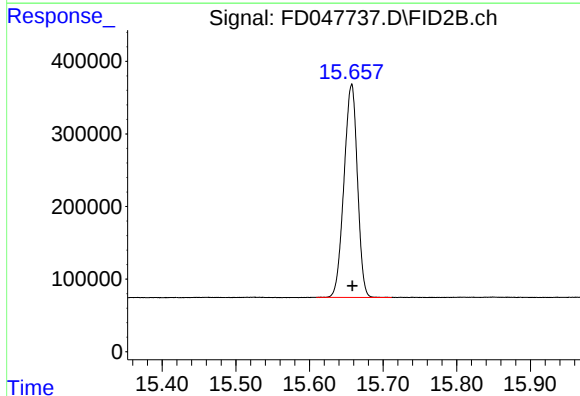
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 3919265
Conc: 20.60 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



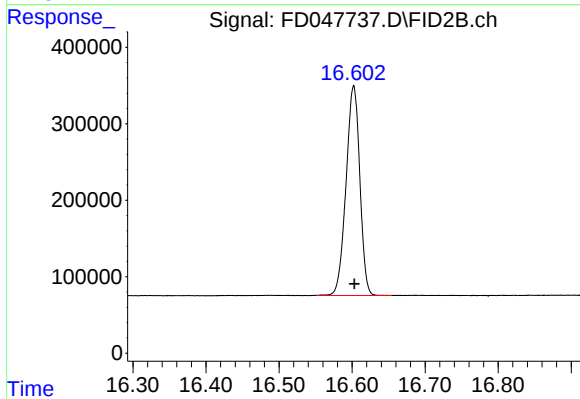
#14 n-Tetracosane (C24)

R.T.: 14.641 min
Delta R.T.: -0.001 min
Response: 3860182
Conc: 20.53 ug/ml



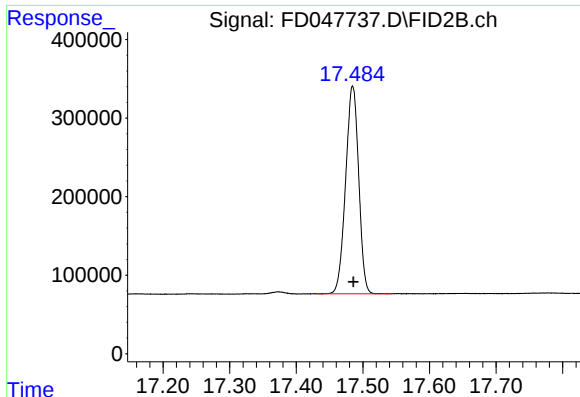
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: 0.000 min
Response: 3722169
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

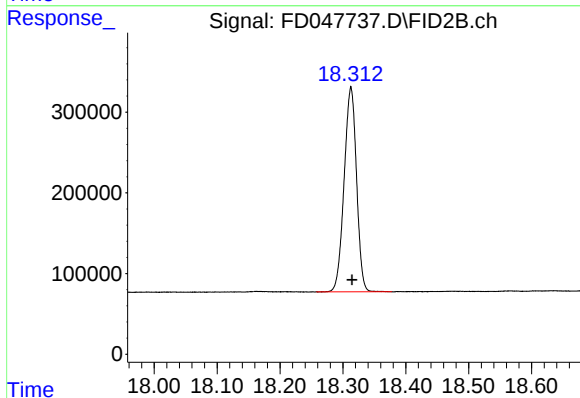
R.T.: 16.602 min
Delta R.T.: 0.000 min
Response: 3593521
Conc: 20.62 ug/ml



#17 n-Tricontane (C30)

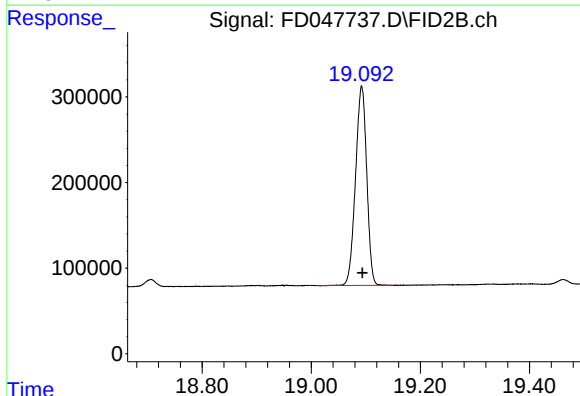
R.T.: 17.485 min
Delta R.T.: -0.001 min
Response: 3604425
Conc: 20.65 ug/ml

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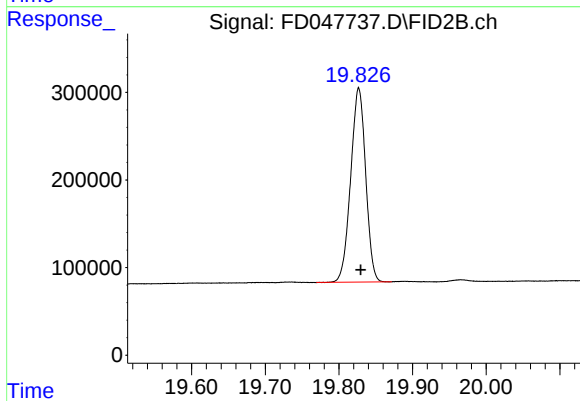
#18 n-Dotriacontane (C32)

R.T.: 18.313 min
Delta R.T.: -0.002 min
Response: 3475627
Conc: 20.41 ug/ml



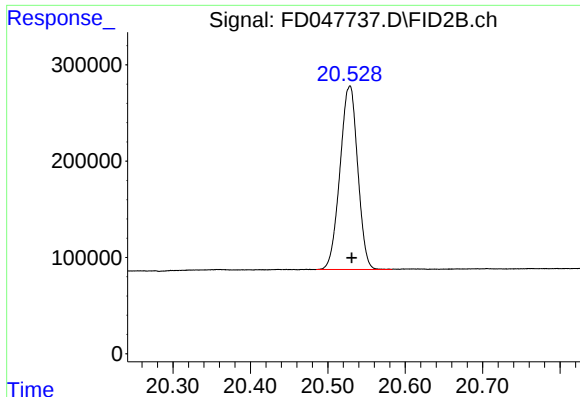
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: -0.001 min
Response: 3319331
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

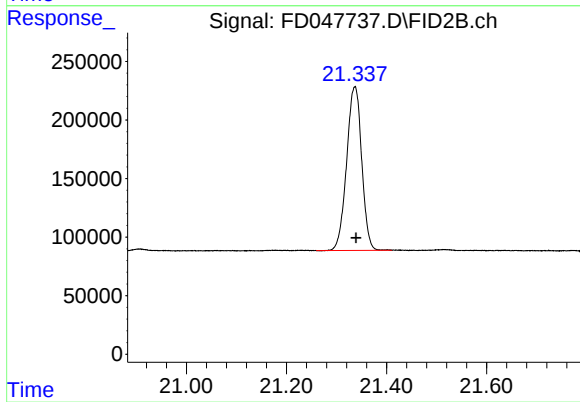
R.T.: 19.827 min
Delta R.T.: -0.002 min
Response: 3134366
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.528 min
Delta R.T.: -0.003 min
Response: 3031512
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.337 min
Delta R.T.: -0.002 min
Response: 2923499
Conc: 20.61 ug/ml