

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051424AL\
 Data File : FD047750.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 08:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 15 05:28:20 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)	11.351	4655054	21.332 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
12) S 1-chlorooctadecane (S...	12.790	3474333	21.321 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
Target Compounds			
1) T n-Nonane (C9)	3.186	4044983	21.008 ug/ml
2) T n-Decane (C10)	4.238	4179853	21.113 ug/ml
3) T A~Naphthalene (C11.7)	5.795	4632014	21.270 ug/ml
4) T n-Dodecane (C12)	6.239	4221955	21.258 ug/ml
5) T A~2-methylnaphthalene...	6.844	4463123	21.276 ug/ml
6) T n-Tetradecane (C14)	8.023	4176156	21.382 ug/ml
7) T n-Hexadecane (C16)	9.615	4312810	21.490 ug/ml
8) T n-Octadecane (C18)	11.049	4360627	21.471 ug/ml
10) T n-Eicosane (C20)	12.352	4184065	21.432 ug/ml
11) T n-Heneicosane (C21)	12.960	4107048	21.352 ug/ml
13) T n-Docosane (C22)	13.543	4078302	21.432 ug/ml
14) T n-Tetracosane (C24)	14.641	4019434	21.378 ug/ml
15) T n-Hexacosane (C26)	15.656	3874316	21.388 ug/ml
16) T n-Octacosane (C28)	16.601	3733644	21.423 ug/ml
17) T n-Tricontane (C30)	17.484	3775334	21.634 ug/ml
18) T n-Dotriacontane (C32)	18.311	3665276	21.527 ug/ml
19) T n-Tetratriacontane (C34)	19.091	3479262	21.574 ug/ml
20) T n-Hexatriacontane (C36)	19.827	3258865	21.318 ug/ml
21) T n-Octatriacontane (C38)	20.526	3136454	21.331 ug/ml
22) T n-Tetracontane (C40)	21.334	2985917	21.054 ug/ml

(f)=RT Delta > 1/2 Window

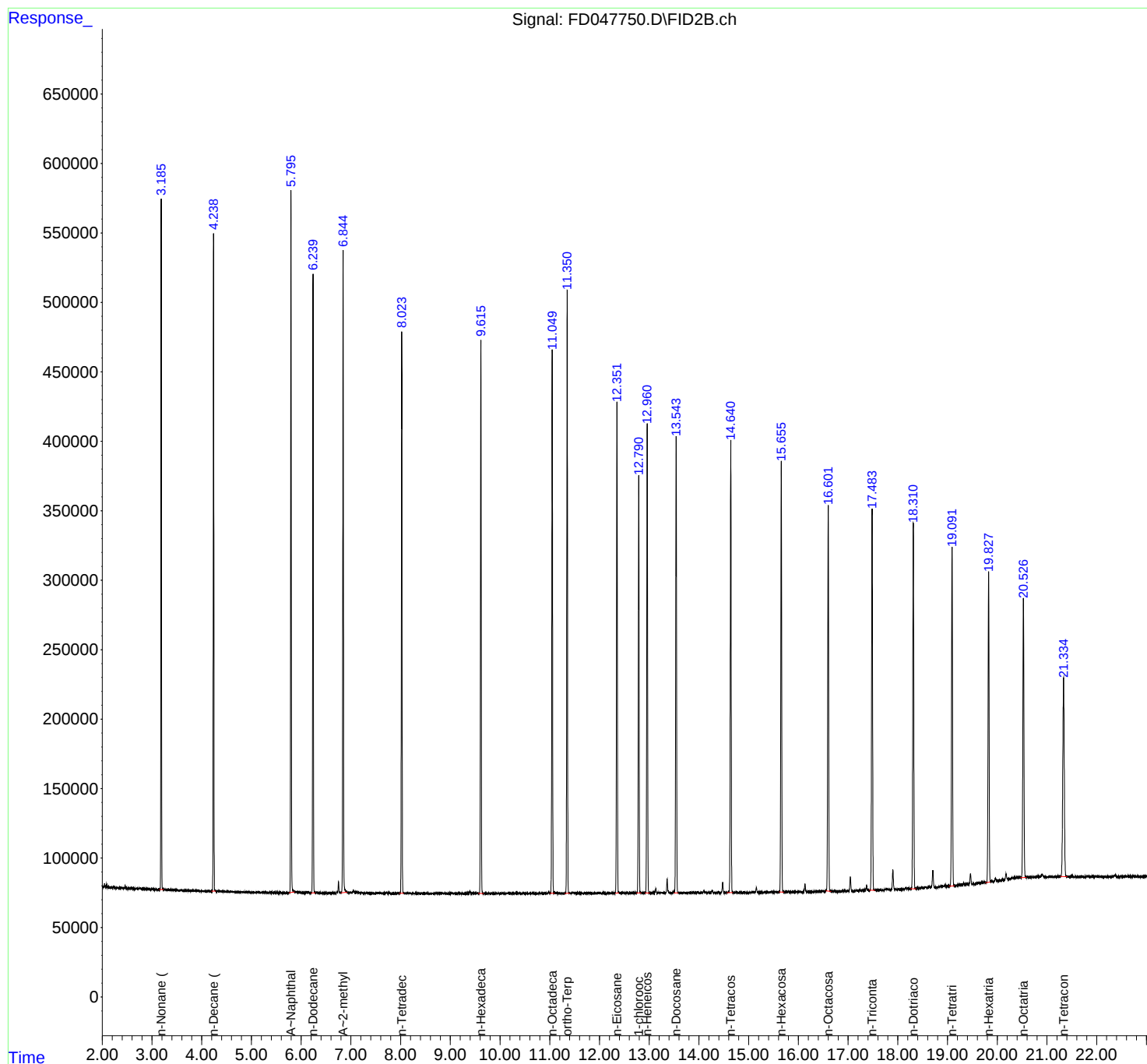
(m)=manual int.

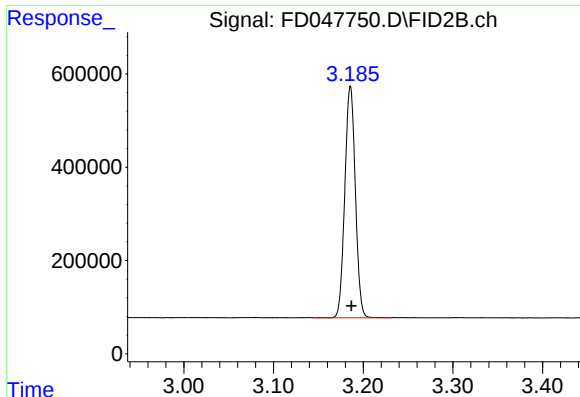
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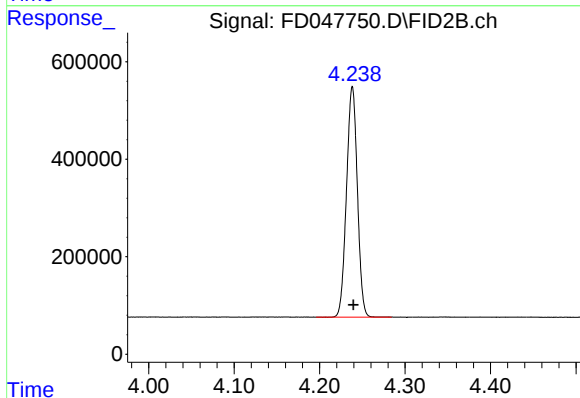




#1 n-Nonane (C9)

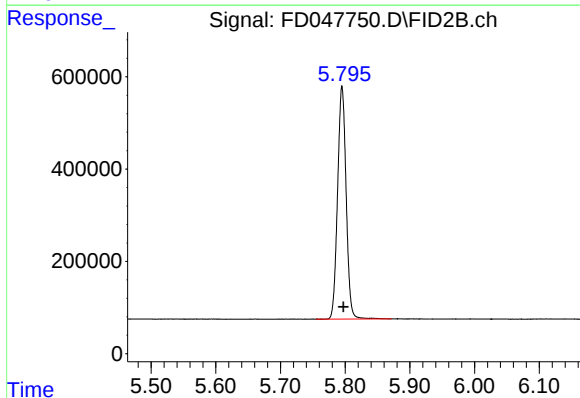
R.T.: 3.186 min
Delta R.T.: -0.001 min
Response: 4044983
Conc: 21.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



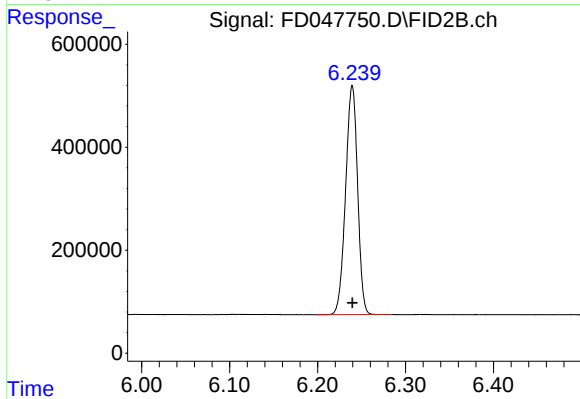
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.001 min
Response: 4179853
Conc: 21.11 ug/ml



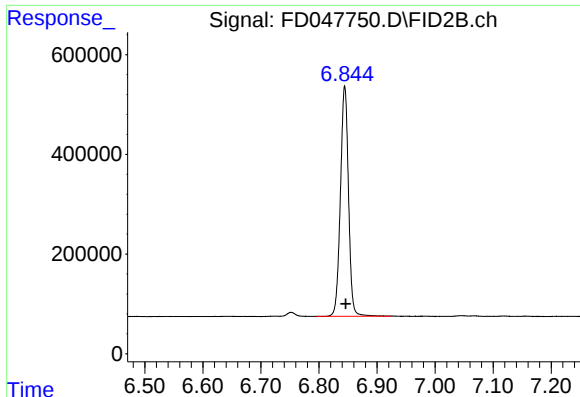
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 4632014
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

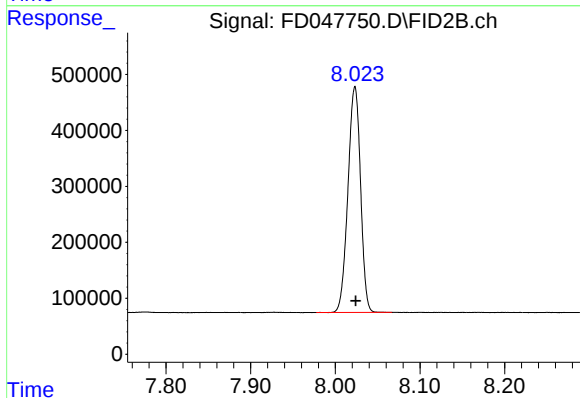
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 4221955
Conc: 21.26 ug/ml



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

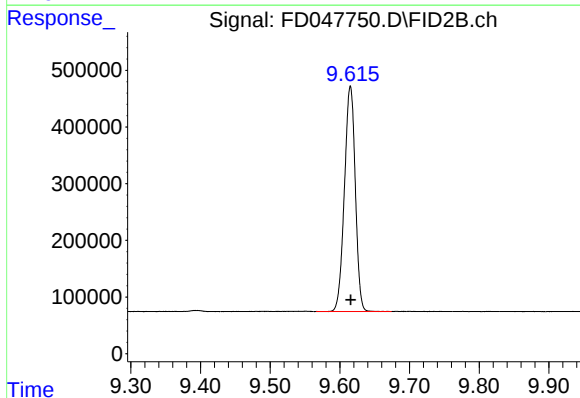
R.T.: 6.844 min
Delta R.T.: -0.002 min
Response: 4463123
Conc: 21.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



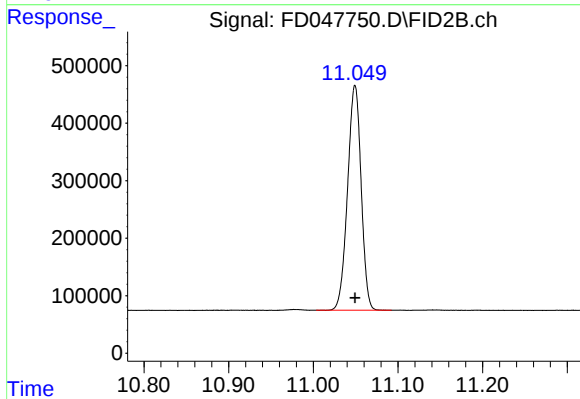
#6 n-Tetradecane (C14)

R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 4176156
Conc: 21.38 ug/ml



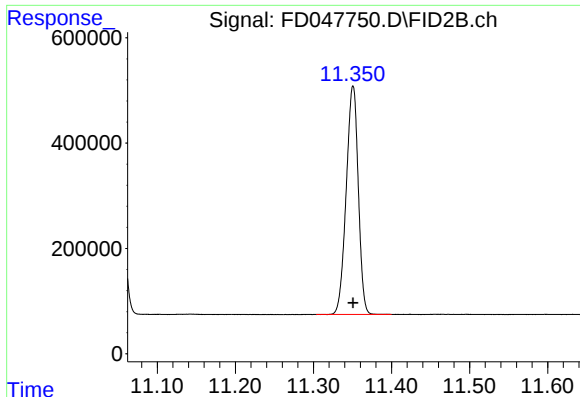
#7 n-Hexadecane (C16)

R.T.: 9.615 min
Delta R.T.: 0.000 min
Response: 4312810
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

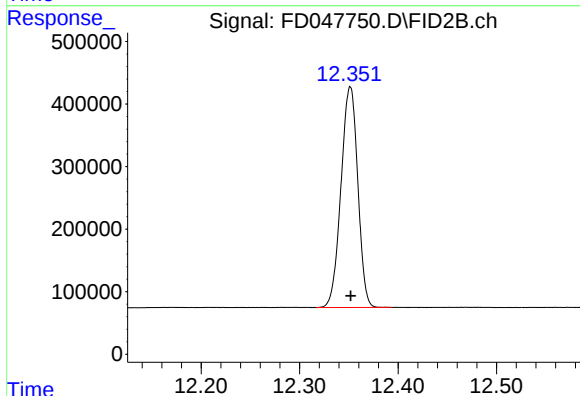
R.T.: 11.049 min
Delta R.T.: 0.000 min
Response: 4360627
Conc: 21.47 ug/ml



#9 ortho-Terphenyl (SURR)

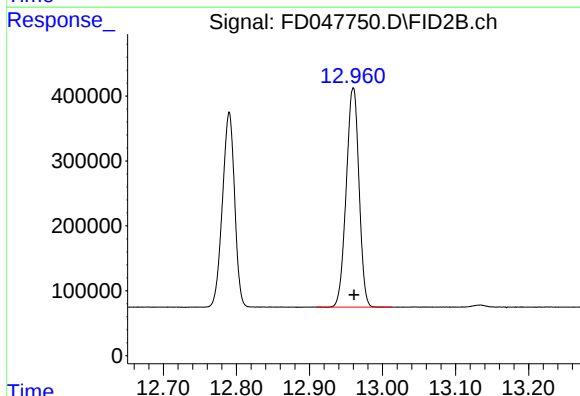
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 4655054
Conc: 21.33 ug/ml

Instrument :
FID_D
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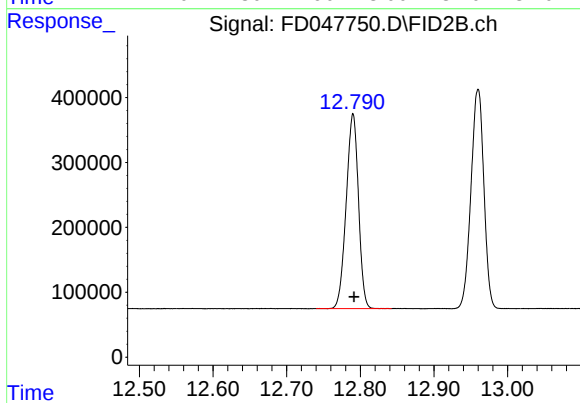
#10 n-Eicosane (C20)

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 4184065
Conc: 21.43 ug/ml



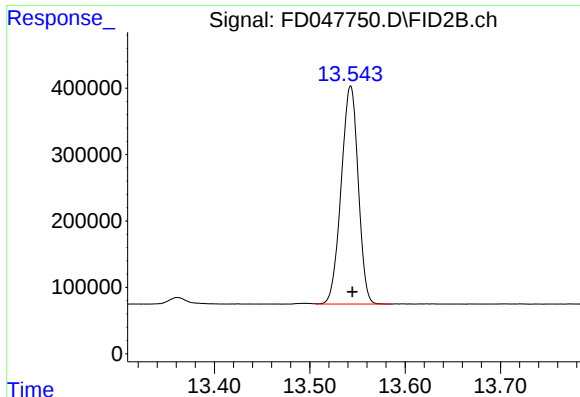
#11 n-Heneicosane (C21)

R.T.: 12.960 min
Delta R.T.: -0.001 min
Response: 4107048
Conc: 21.35 ug/ml



#12 1-chlorooctadecane (SURR)

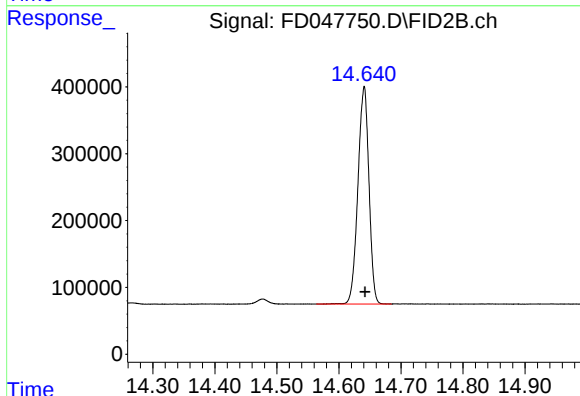
R.T.: 12.790 min
Delta R.T.: -0.001 min
Response: 3474333
Conc: 21.32 ug/ml



#13 n-Docosane (C22)

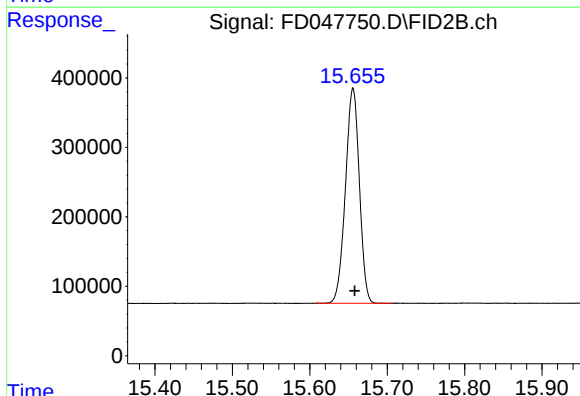
R.T.: 13.543 min
Delta R.T.: -0.002 min
Response: 4078302
Conc: 21.43 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



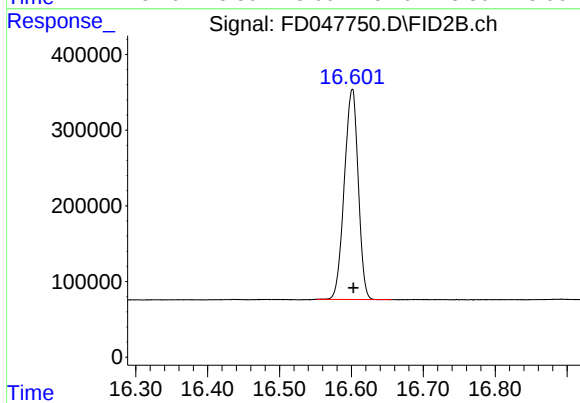
#14 n-Tetracosane (C24)

R.T.: 14.641 min
Delta R.T.: -0.001 min
Response: 4019434
Conc: 21.38 ug/ml



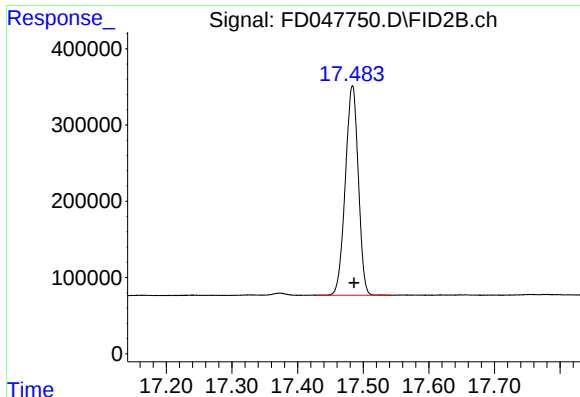
#15 n-Hexacosane (C26)

R.T.: 15.656 min
Delta R.T.: -0.002 min
Response: 3874316
Conc: 21.39 ug/ml



#16 n-Octacosane (C28)

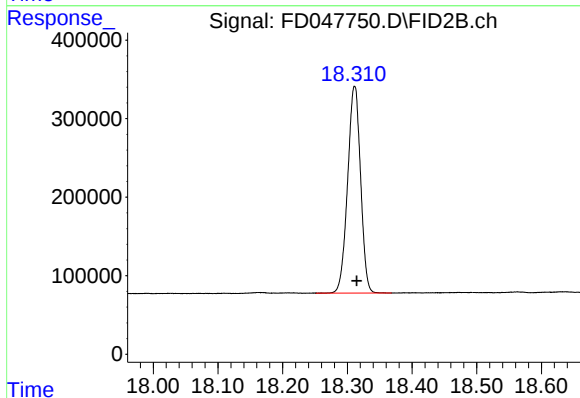
R.T.: 16.601 min
Delta R.T.: -0.002 min
Response: 3733644
Conc: 21.42 ug/ml



#17 n-Tricontane (C30)

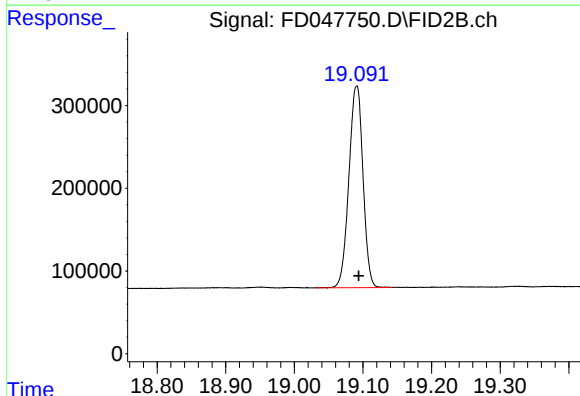
R.T.: 17.484 min
Delta R.T.: -0.002 min
Response: 3775334
Conc: 21.63 ug/ml

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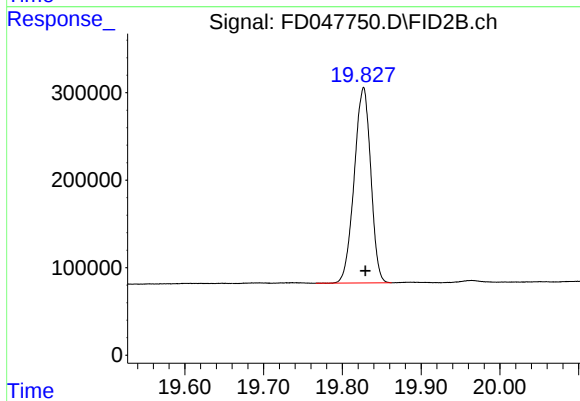
#18 n-Dotriacontane (C32)

R.T.: 18.311 min
Delta R.T.: -0.003 min
Response: 3665276
Conc: 21.53 ug/ml



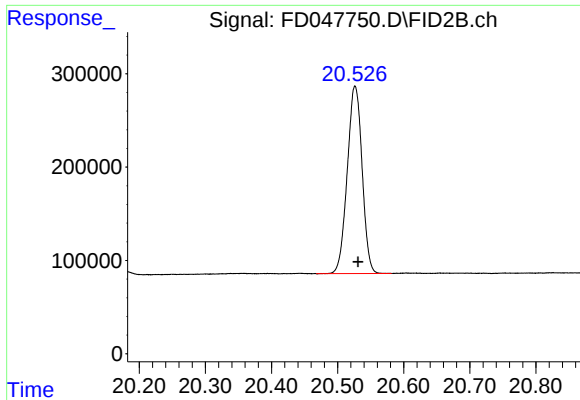
#19 n-Tetratriacontane (C34)

R.T.: 19.091 min
Delta R.T.: -0.003 min
Response: 3479262
Conc: 21.57 ug/ml



#20 n-Hexatriacontane (C36)

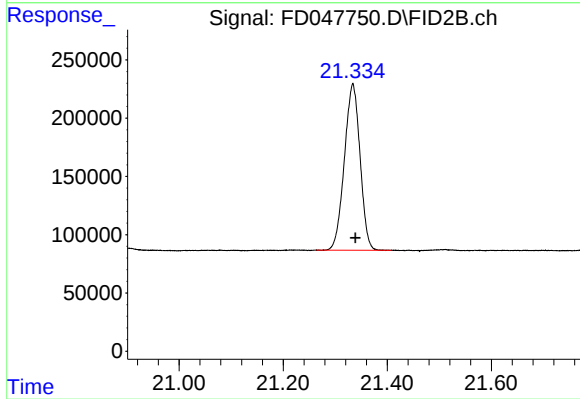
R.T.: 19.827 min
Delta R.T.: -0.002 min
Response: 3258865
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.526 min
Delta R.T.: -0.005 min
Response: 3136454
Conc: 21.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.334 min
Delta R.T.: -0.005 min
Response: 2985917
Conc: 21.05 ug/ml