

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090922AL\
 Data File : FD043845.D
 Signal(s) : FID2B.ch
 Acq On : 09 Sep 2022 13:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 12 03:08:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 2022
 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)	11.320	3669041	21.453 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
12) S 1-chlorooctadecane (S...	12.736	2900471	21.799 ug/ml
Spiked Amount 50.000		Recovery =	43.60%
Target Compounds			
1) T n-Nonane (C9)	3.150	3095650	21.496 ug/ml
2) T n-Decane (C10)	4.200	3125571	21.555 ug/ml
3) T A~Naphthalene (C11.7)	5.774	3118345	22.041 ug/ml
4) T n-Dodecane (C12)	6.197	3198262	21.379 ug/ml
5) T A~2-methylnaphthalene...	6.821	3051006	22.107 ug/ml
6) T n-Tetradecane (C14)	7.979	3227985	21.388 ug/ml
7) T n-Hexadecane (C16)	9.567	3301737	21.586 ug/ml
8) T n-Octadecane (C18)	10.997	3399221	21.559 ug/ml
10) T n-Eicosane (C20)	12.295	3472367	21.700 ug/ml
11) T n-Heneicosane (C21)	12.902	3484603	21.600 ug/ml
13) T n-Docosane (C22)	13.482	3593469	22.349 ug/ml
14) T n-Tetracosane (C24)	14.575	3639109	22.963 ug/ml
15) T n-Hexacosane (C26)	15.586	3620510	23.246 ug/ml
16) T n-Octacosane (C28)	16.526	3548011	23.433 ug/ml
17) T n-Tricontane (C30)	17.404	3476649	23.333 ug/ml
18) T n-Dotriacontane (C32)	18.227	3285248	23.014 ug/ml
19) T n-Tetratriacontane (C34)	19.000	2914082	22.296 ug/ml
20) T n-Hexatriacontane (C36)	19.731	2690429	21.738 ug/ml
21) T n-Octatriacontane (C38)	20.424	2498665	21.388 ug/ml
22) T n-Tetracontane (C40)	21.188	2367495	21.421 ug/ml

(f)=RT Delta > 1/2 Window

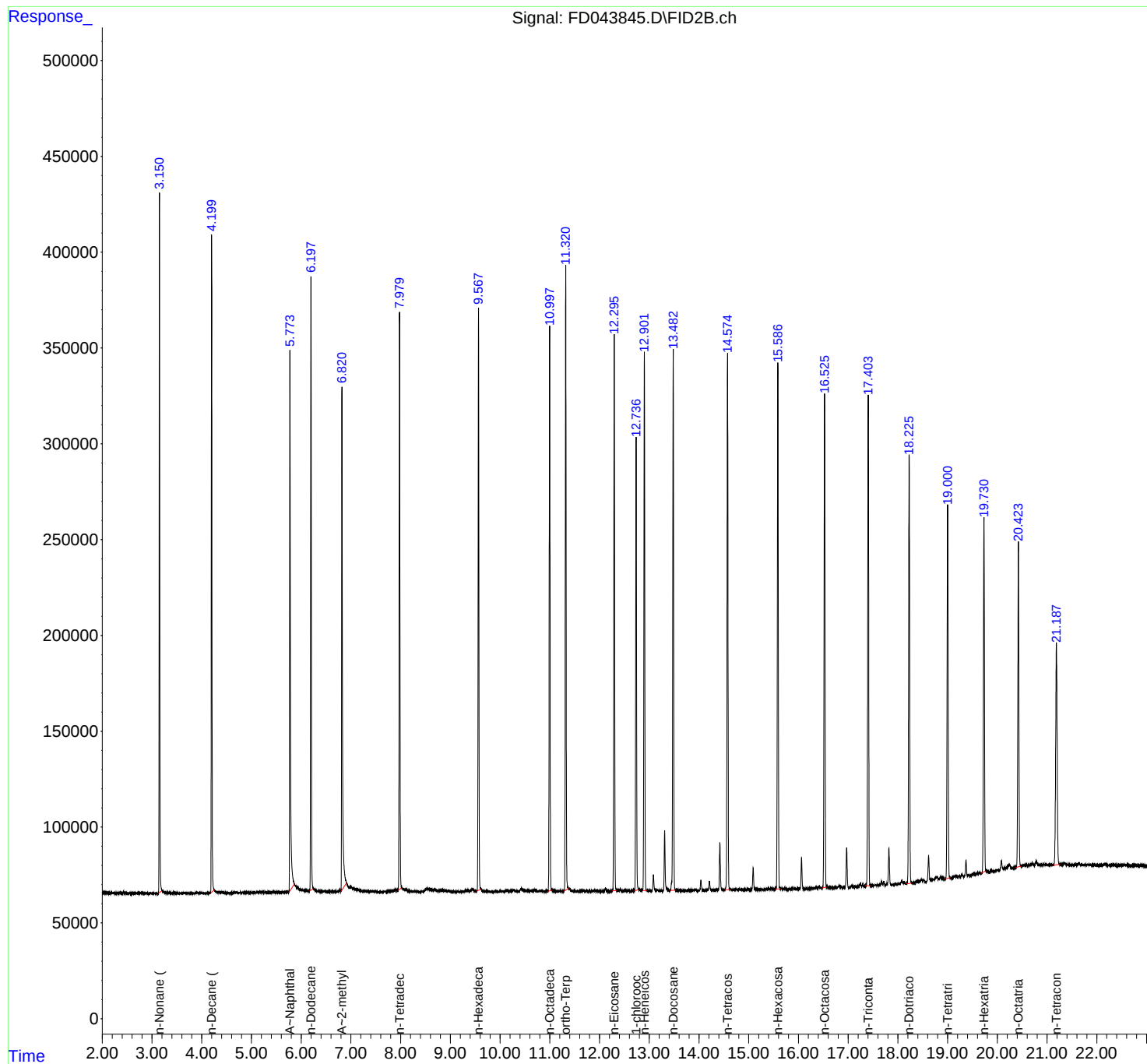
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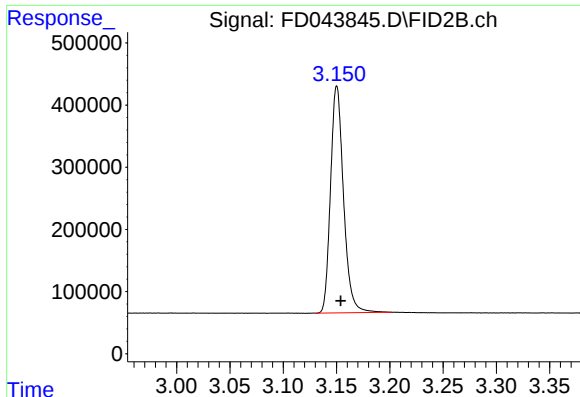
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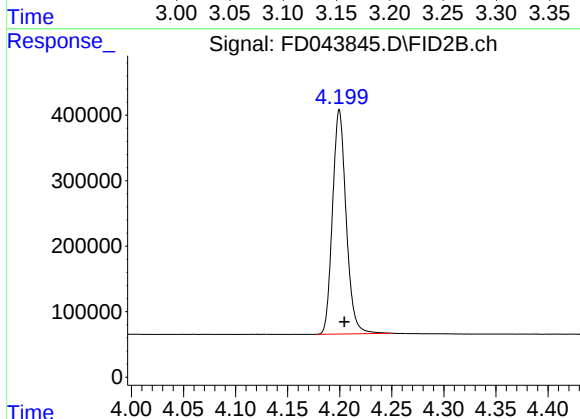




#1 n-Nonane (C9)

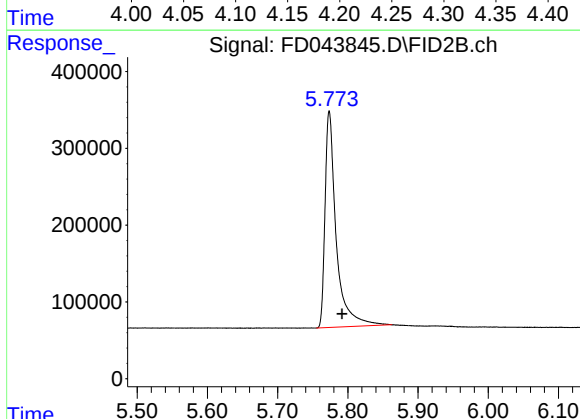
R.T.: 3.150 min
Delta R.T.: -0.004 min
Response: 3095650
Conc: 21.50 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



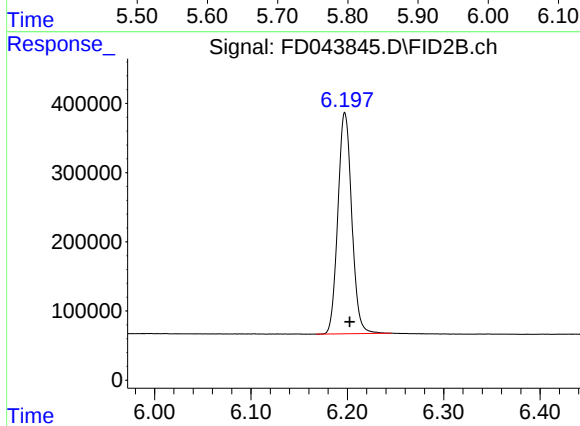
#2 n-Decane (C10)

R.T.: 4.200 min
Delta R.T.: -0.005 min
Response: 3125571
Conc: 21.55 ug/ml



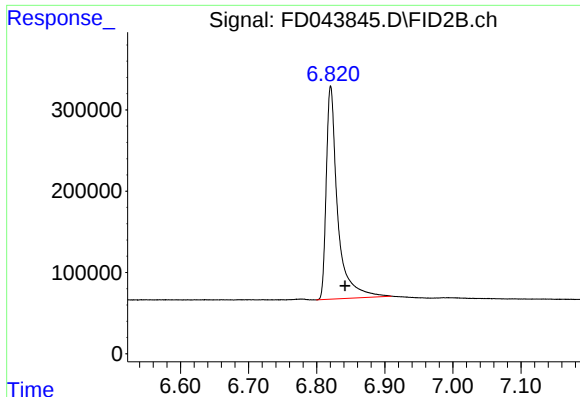
#3 A~Naphthalene (C11.7)

R.T.: 5.774 min
Delta R.T.: -0.018 min
Response: 3118345
Conc: 22.04 ug/ml



#4 n-Dodecane (C12)

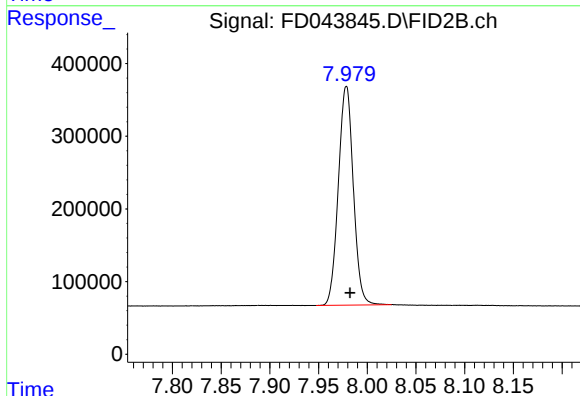
R.T.: 6.197 min
Delta R.T.: -0.005 min
Response: 3198262
Conc: 21.38 ug/ml



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

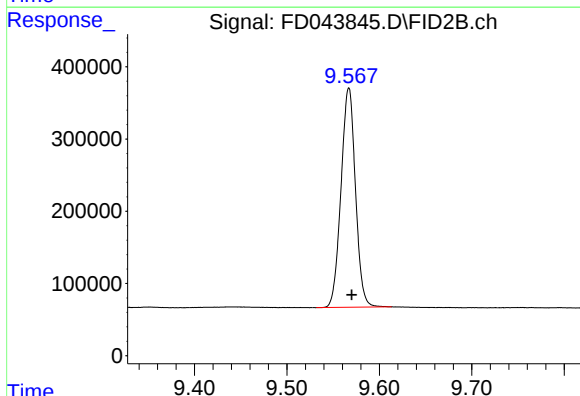
R.T.: 6.821 min
Delta R.T.: -0.021 min
Response: 3051006
Conc: 22.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



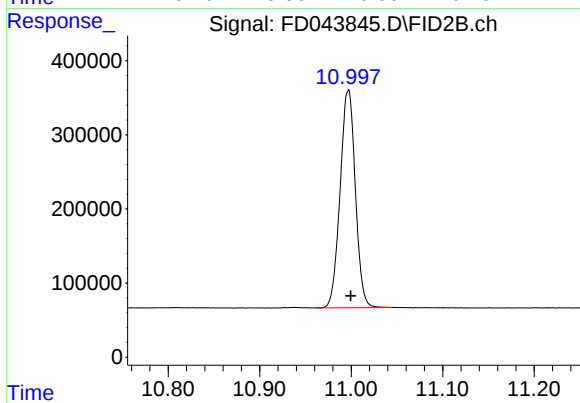
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: -0.004 min
Response: 3227985
Conc: 21.39 ug/ml



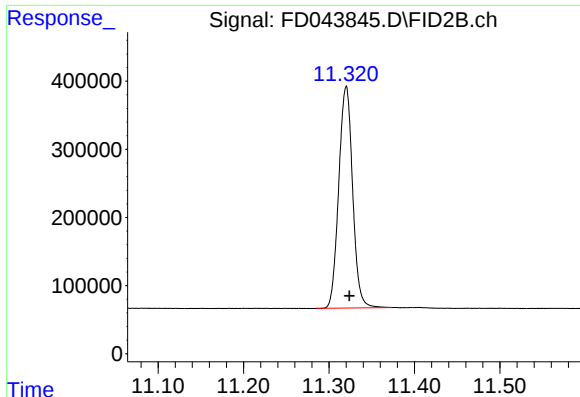
#7 n-Hexadecane (C16)

R.T.: 9.567 min
Delta R.T.: -0.003 min
Response: 3301737
Conc: 21.59 ug/ml



#8 n-Octadecane (C18)

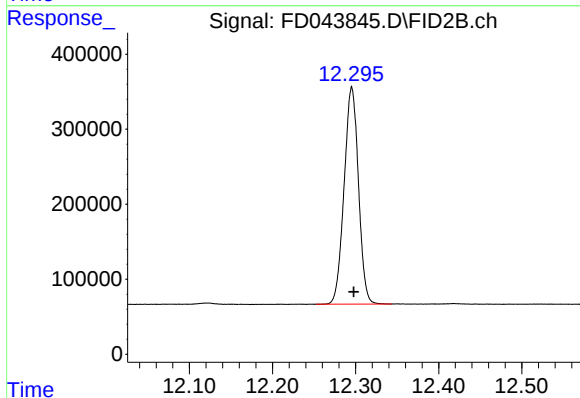
R.T.: 10.997 min
Delta R.T.: -0.003 min
Response: 3399221
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

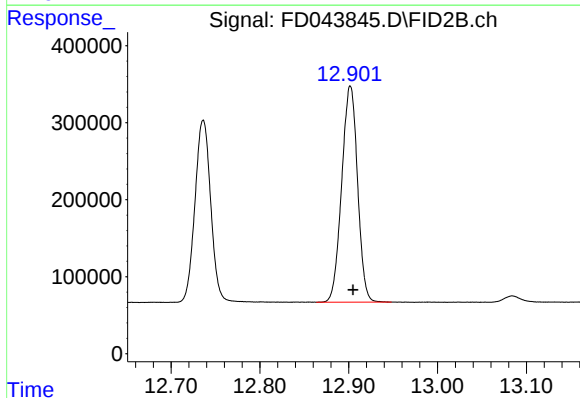
R.T.: 11.320 min
Delta R.T.: -0.004 min
Response: 3669041
Conc: 21.45 ug/ml

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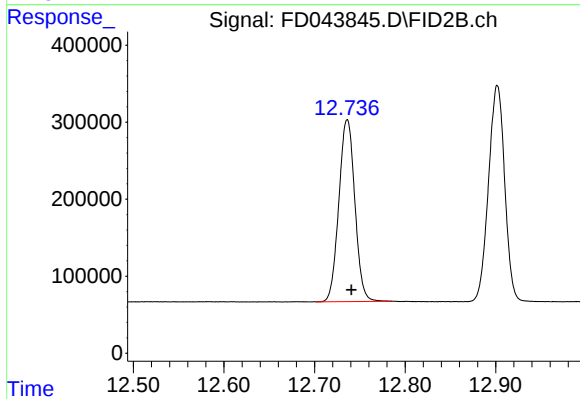
#10 n-Eicosane (C20)

R.T.: 12.295 min
Delta R.T.: -0.002 min
Response: 3472367
Conc: 21.70 ug/ml



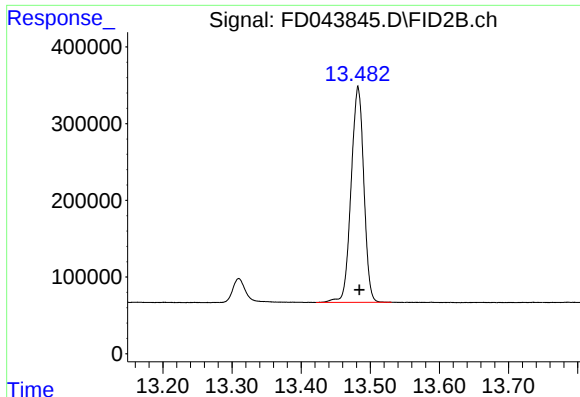
#11 n-Heneicosane (C21)

R.T.: 12.902 min
Delta R.T.: -0.003 min
Response: 3484603
Conc: 21.60 ug/ml



#12 1-chlorooctadecane (SURR)

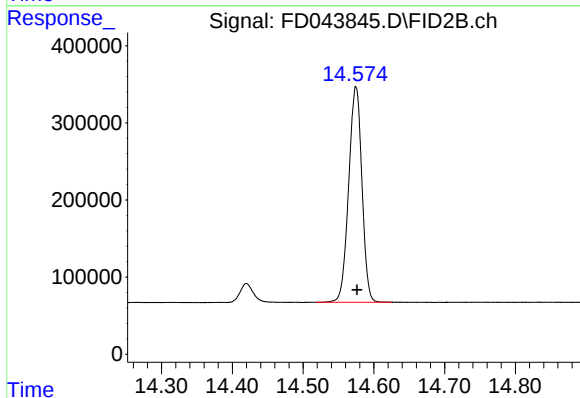
R.T.: 12.736 min
Delta R.T.: -0.004 min
Response: 2900471
Conc: 21.80 ug/ml



#13 n-Docosane (C22)

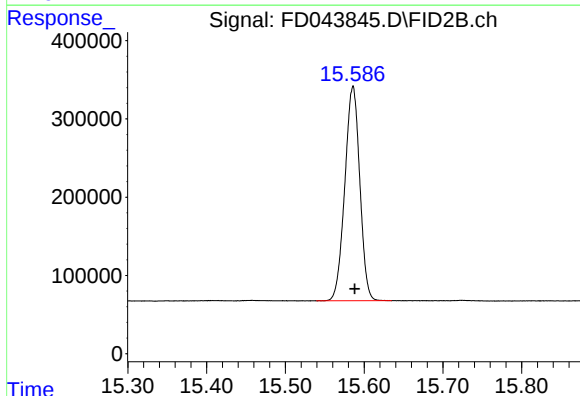
R.T.: 13.482 min
Delta R.T.: -0.002 min
Response: 3593469
Conc: 22.35 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



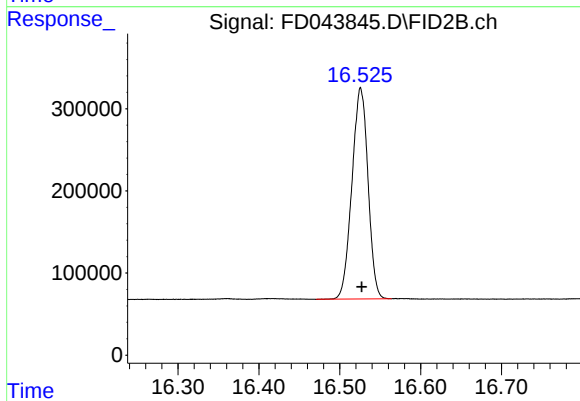
#14 n-Tetracosane (C24)

R.T.: 14.575 min
Delta R.T.: -0.002 min
Response: 3639109
Conc: 22.96 ug/ml



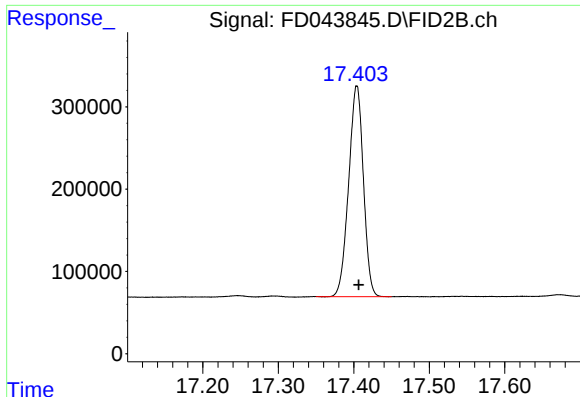
#15 n-Hexacosane (C26)

R.T.: 15.586 min
Delta R.T.: -0.002 min
Response: 3620510
Conc: 23.25 ug/ml



#16 n-Octacosane (C28)

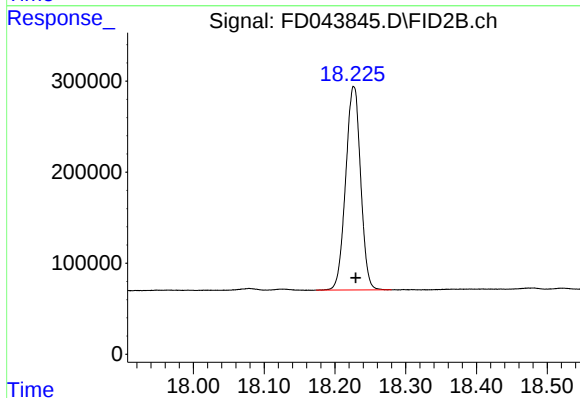
R.T.: 16.526 min
Delta R.T.: -0.001 min
Response: 3548011
Conc: 23.43 ug/ml



#17 n-Tricontane (C30)

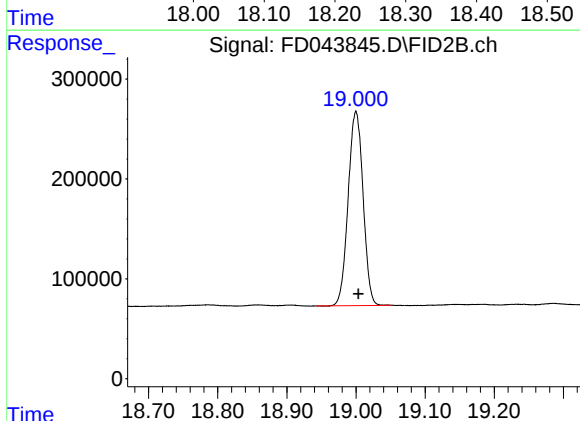
R.T.: 17.404 min
Delta R.T.: -0.003 min
Response: 3476649
Conc: 23.33 ug/ml

Instrument :
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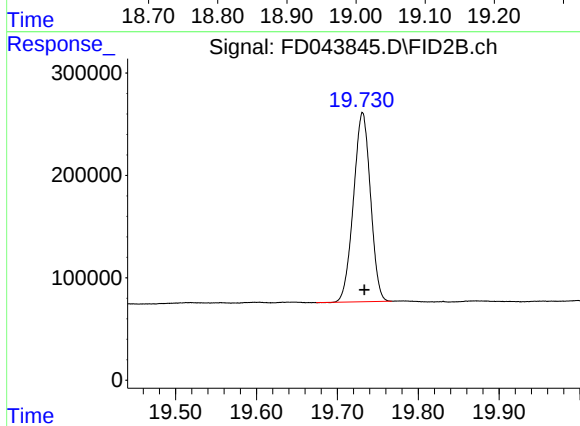
#18 n-Dotriacontane (C32)

R.T.: 18.227 min
Delta R.T.: -0.003 min
Response: 3285248
Conc: 23.01 ug/ml



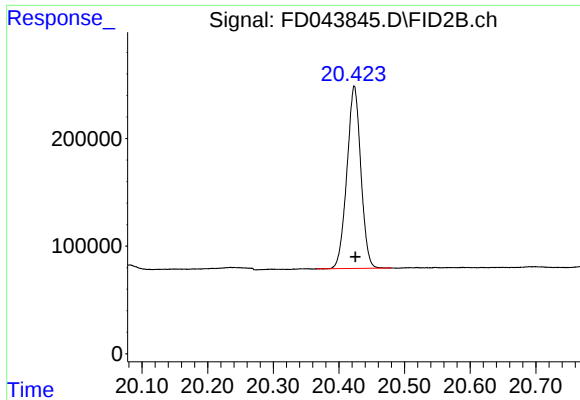
#19 n-Tetratriacontane (C34)

R.T.: 19.000 min
Delta R.T.: -0.004 min
Response: 2914082
Conc: 22.30 ug/ml



#20 n-Hexatriacontane (C36)

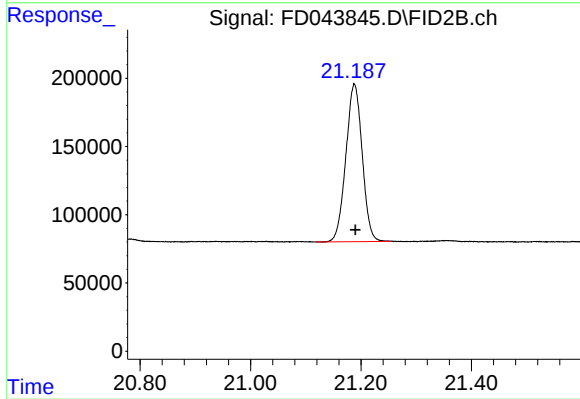
R.T.: 19.731 min
Delta R.T.: -0.002 min
Response: 2690429
Conc: 21.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.424 min
Delta R.T.: -0.001 min
Response: 2498665
Conc: 21.39 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.188 min
Delta R.T.: -0.002 min
Response: 2367495
Conc: 21.42 ug/ml