

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040523AL\
 Data File : FD045408.D
 Signal(s) : FID2B.ch
 Acq On : 05 Apr 2023 05:22
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Apr 05 05:56:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:56:14 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)	11.442	931328	5.555 ug/ml
Spiked Amount 50.000		Recovery =	11.11%
12) S 1-chlorooctadecane (S...	12.875	631075	5.284 ug/ml
Spiked Amount 50.000		Recovery =	10.57%
Target Compounds			
1) T n-Nonane (C9)	3.264	860936	5.652 ug/ml
2) T n-Decane (C10)	4.321	853573	5.655 ug/ml
3) T A~Naphthalene (C11.7)	5.887	966992	5.585 ug/ml
4) T n-Dodecane (C12)	6.325	859480	5.634 ug/ml
5) T A~2-methylnaphthalene...	6.936	894573	5.543 ug/ml
6) T n-Tetradecane (C14)	8.110	856204	5.595 ug/ml
7) T n-Hexadecane (C16)	9.701	868788	5.579 ug/ml
8) T n-Octadecane (C18)	11.134	869822	5.554 ug/ml
10) T n-Eicosane (C20)	12.435	810689	5.467 ug/ml
11) T n-Heneicosane (C21)	13.043	805531	5.474 ug/ml
13) T n-Docosane (C22)	13.626	785446	5.442 ug/ml
14) T n-Tetracosane (C24)	14.721	755863	5.416 ug/ml
15) T n-Hexacosane (C26)	15.735	725959	5.402 ug/ml
16) T n-Octacosane (C28)	16.679	718248	5.462 ug/ml
17) T n-Tricontane (C30)	17.559	729338	5.597 ug/ml
18) T n-Dotriacontane (C32)	18.385	737965	5.671 ug/ml
19) T n-Tetratriacontane (C34)	19.163	697875	5.586 ug/ml
20) T n-Hexatriacontane (C36)	19.897	628873	5.481 ug/ml
21) T n-Octatriacontane (C38)	20.601	603128	5.497 ug/ml
22) T n-Tetracontane (C40)	21.432	617249	5.754 ug/ml

(f)=RT Delta > 1/2 Window

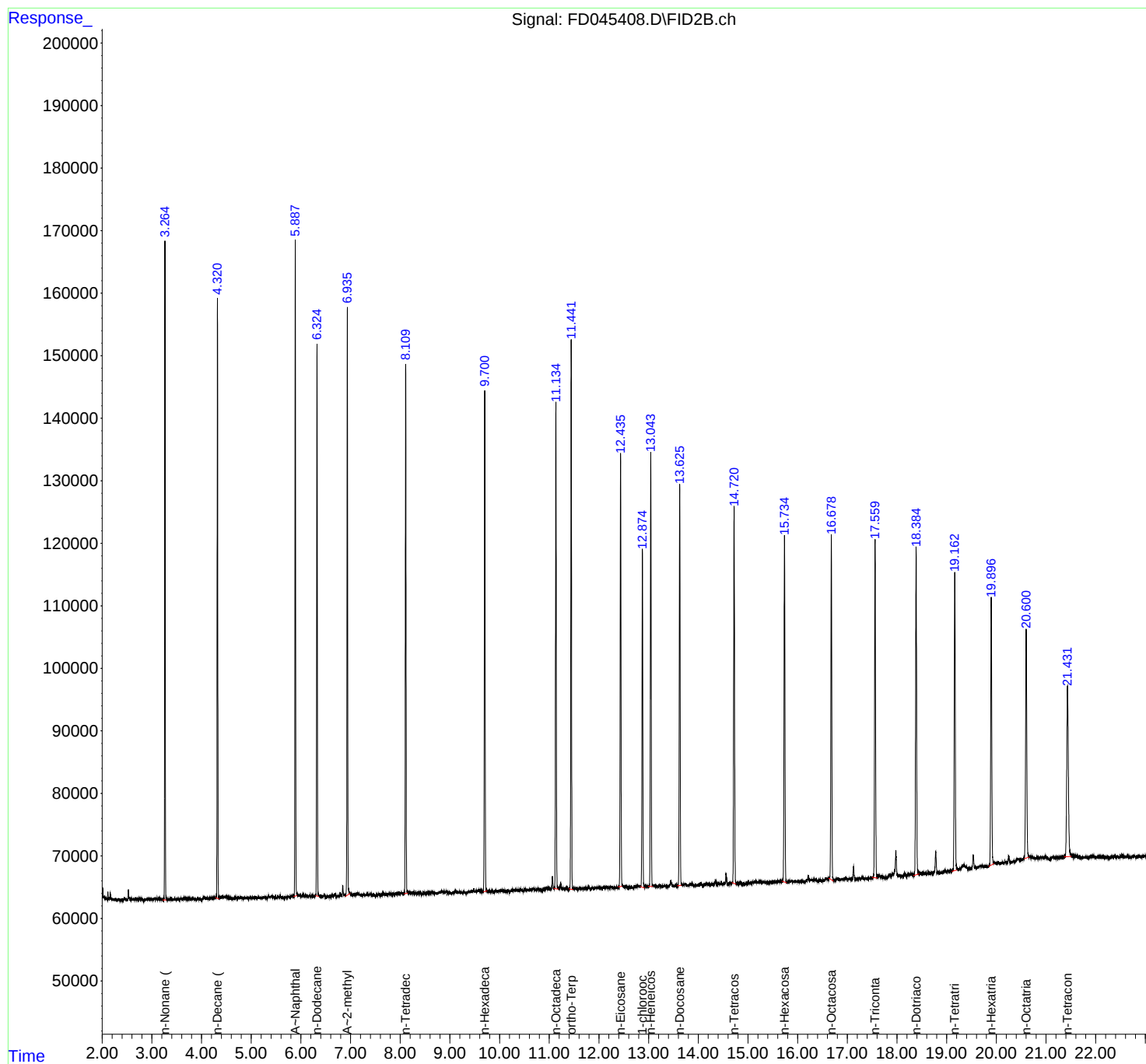
(m)=manual int.

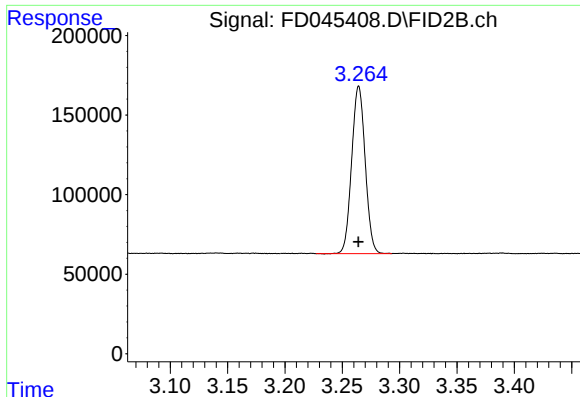
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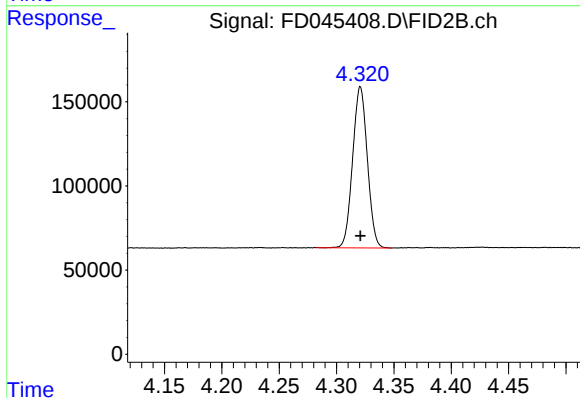




#1 n-Nonane (C9)

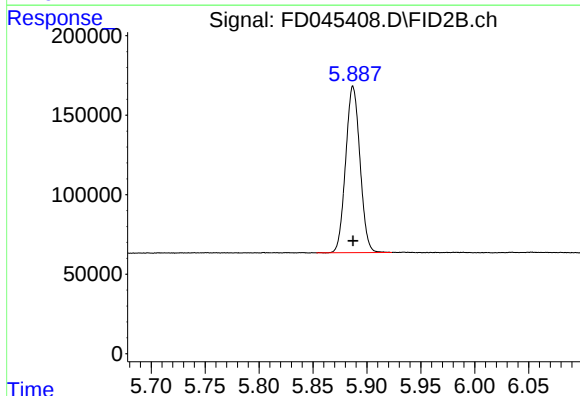
R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 860936
Conc: 5.65 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



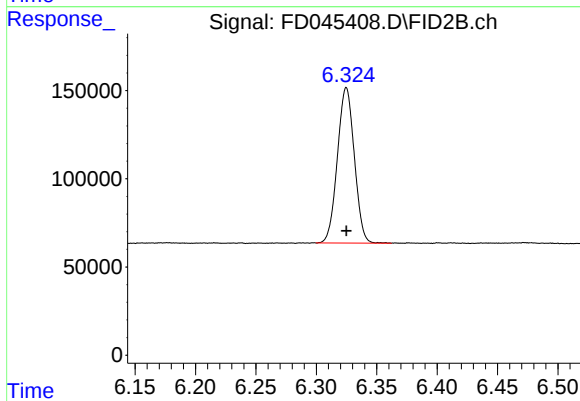
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 853573
Conc: 5.66 ug/ml



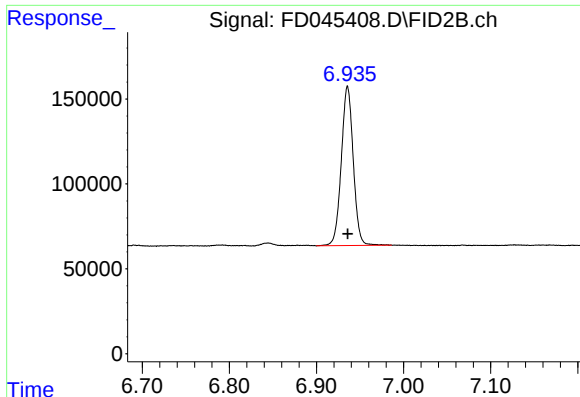
#3 A~Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 966992
Conc: 5.58 ug/ml



#4 n-Dodecane (C12)

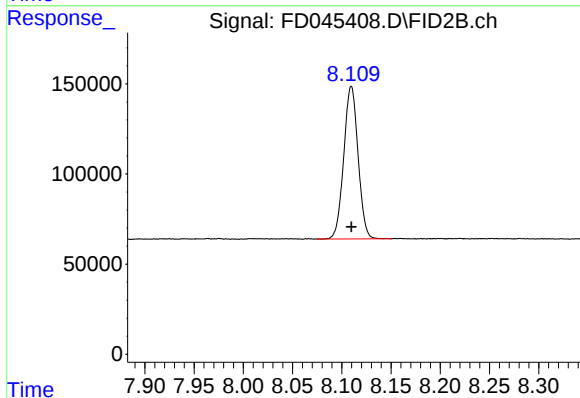
R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 859480
Conc: 5.63 ug/ml



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

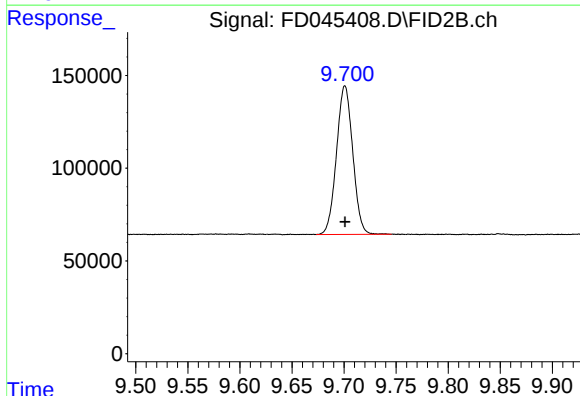
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 894573
Conc: 5.54 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



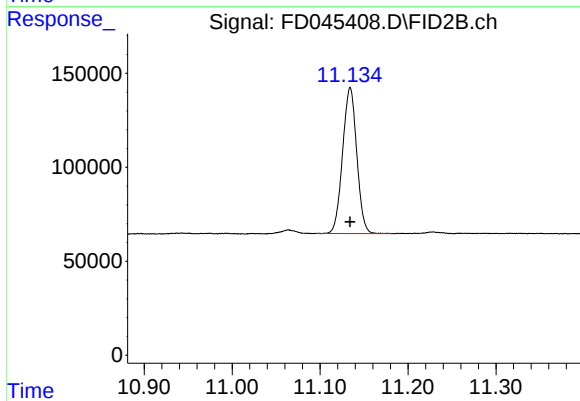
#6 n-Tetradecane (C14)

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 856204
Conc: 5.59 ug/ml



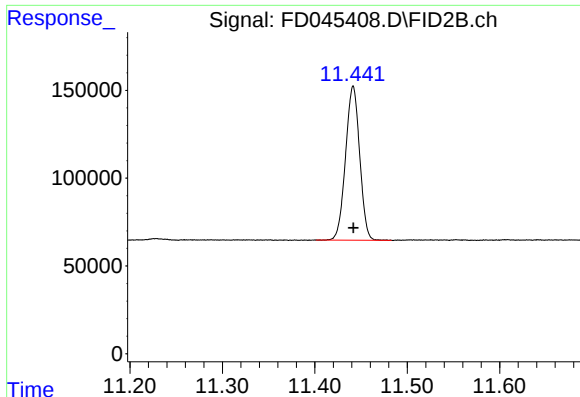
#7 n-Hexadecane (C16)

R.T.: 9.701 min
Delta R.T.: 0.000 min
Response: 868788
Conc: 5.58 ug/ml



#8 n-Octadecane (C18)

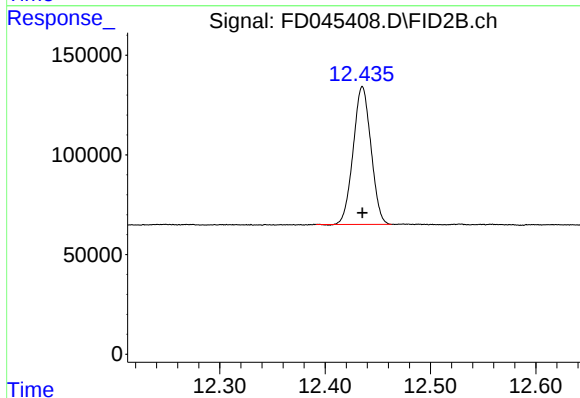
R.T.: 11.134 min
Delta R.T.: 0.000 min
Response: 869822
Conc: 5.55 ug/ml



#9 ortho-Terphenyl (SURR)

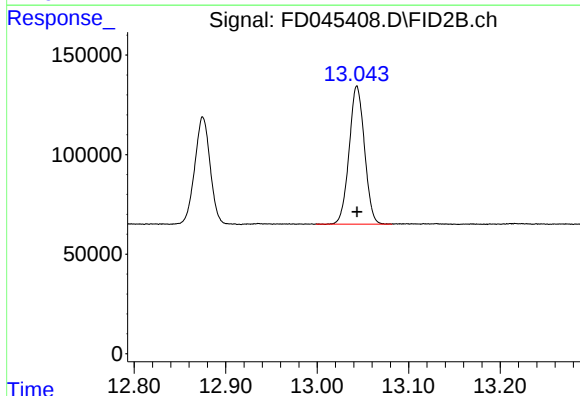
R.T.: 11.442 min
Delta R.T.: 0.000 min
Response: 931328
Conc: 5.55 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



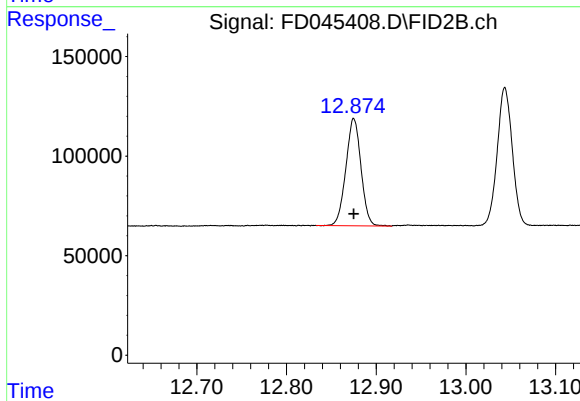
#10 n-Eicosane (C20)

R.T.: 12.435 min
Delta R.T.: 0.000 min
Response: 810689
Conc: 5.47 ug/ml



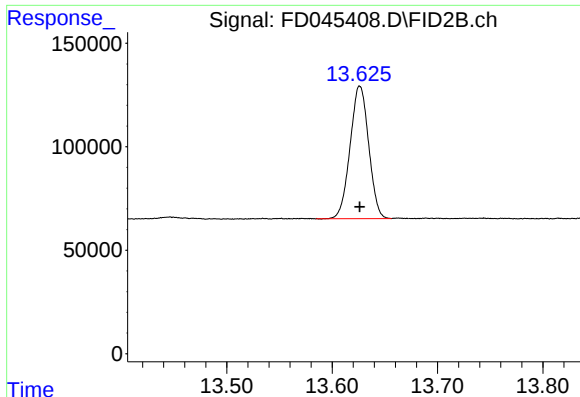
#11 n-Heneicosane (C21)

R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 805531
Conc: 5.47 ug/ml



#12 1-chlorooctadecane (SURR)

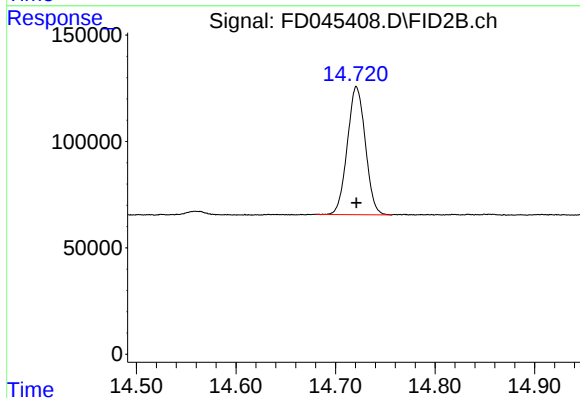
R.T.: 12.875 min
Delta R.T.: 0.000 min
Response: 631075
Conc: 5.28 ug/ml



#13 n-Docosane (C22)

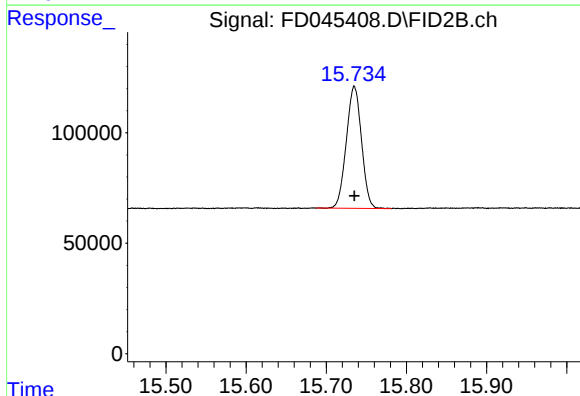
R.T.: 13.626 min
Delta R.T.: 0.000 min
Response: 785446
Conc: 5.44 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



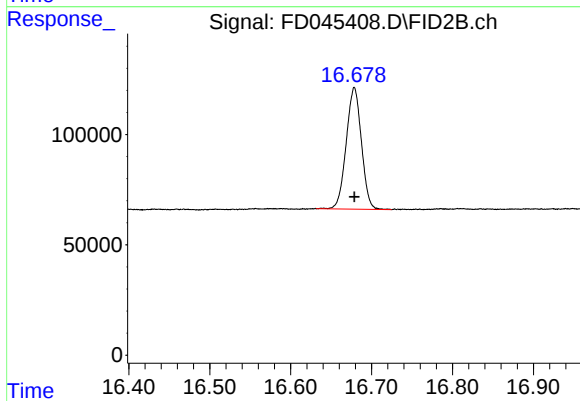
#14 n-Tetracosane (C24)

R.T.: 14.721 min
Delta R.T.: 0.000 min
Response: 755863
Conc: 5.42 ug/ml



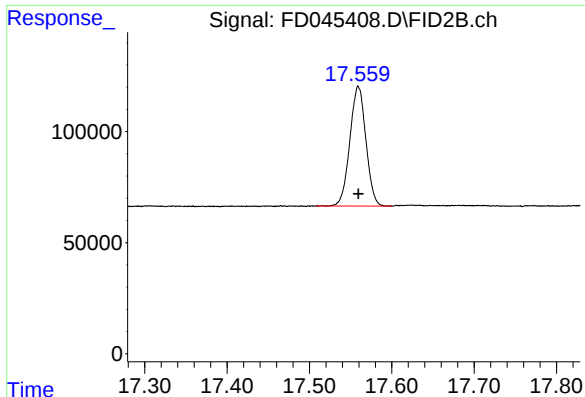
#15 n-Hexacosane (C26)

R.T.: 15.735 min
Delta R.T.: 0.000 min
Response: 725959
Conc: 5.40 ug/ml



#16 n-Octacosane (C28)

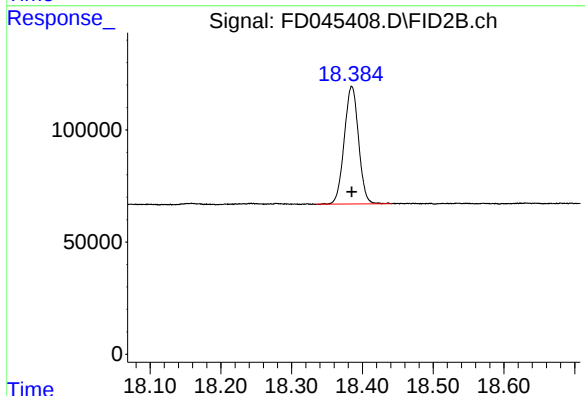
R.T.: 16.679 min
Delta R.T.: 0.000 min
Response: 718248
Conc: 5.46 ug/ml



#17 n-Tricontane (C30)

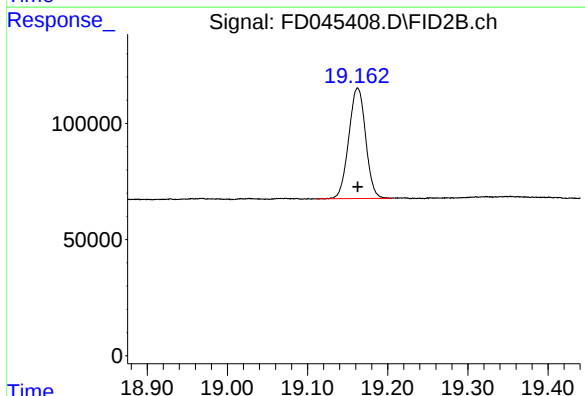
R.T.: 17.559 min
Delta R.T.: 0.000 min
Response: 729338
Conc: 5.60 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



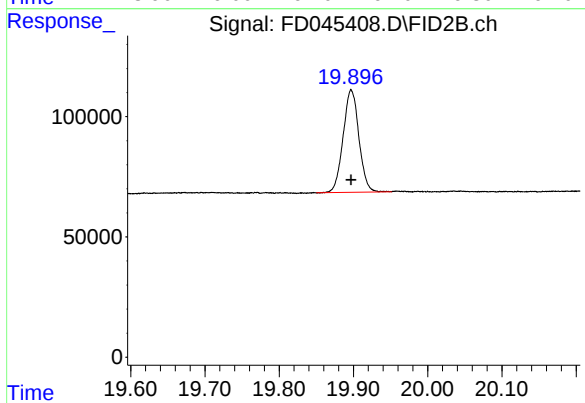
#18 n-Dotriacontane (C32)

R.T.: 18.385 min
Delta R.T.: 0.000 min
Response: 737965
Conc: 5.67 ug/ml



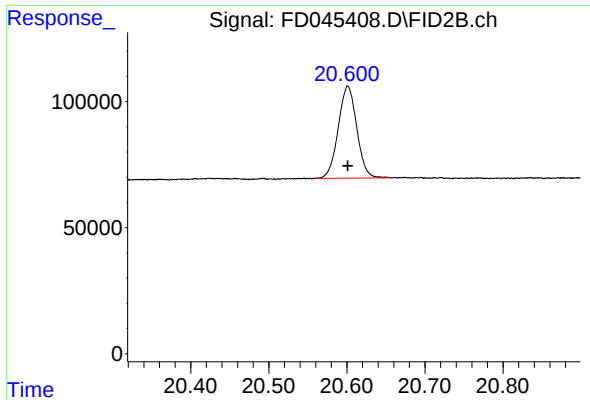
#19 n-Tetratriacontane (C34)

R.T.: 19.163 min
Delta R.T.: 0.000 min
Response: 697875
Conc: 5.59 ug/ml



#20 n-Hexatriacontane (C36)

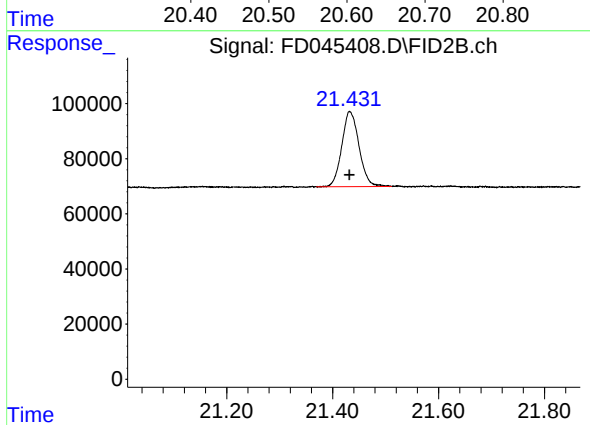
R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 628873
Conc: 5.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 603128
Conc: 5.50 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.432 min
Delta R.T.: 0.000 min
Response: 617249
Conc: 5.75 ug/ml