

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012825AL\
 Data File : FD048984.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 03:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 29 05:07:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:57:24 2025
 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)	11.242	4019928	20.818 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
12) S 1-chlorooctadecane (S...	12.685	3067888	20.901 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T n-Nonane (C9)	3.105	3370107	21.073 ug/ml
2) T n-Decane (C10)	4.150	3426959	21.017 ug/ml
3) T A~Naphthalene (C11.7)	5.698	3637870	21.288 ug/ml
4) T n-Dodecane (C12)	6.143	3469622	20.949 ug/ml
5) T A~2-methylnaphthalene...	6.745	3504528	21.741 ug/ml
6) T n-Tetradecane (C14)	7.925	3440811	20.813 ug/ml
7) T n-Hexadecane (C16)	9.514	3583088	20.781 ug/ml
8) T n-Octadecane (C18)	10.946	3654986	20.729 ug/ml
10) T n-Eicosane (C20)	12.247	3566173	20.721 ug/ml
11) T n-Heneicosane (C21)	12.856	3528959	20.724 ug/ml
13) T n-Docosane (C22)	13.439	3516387	20.679 ug/ml
14) T n-Tetracosane (C24)	14.535	3523283	20.681 ug/ml
15) T n-Hexacosane (C26)	15.552	3459728	20.656 ug/ml
16) T n-Octacosane (C28)	16.497	3388317	20.368 ug/ml
17) T n-Tricontane (C30)	17.380	3410450	19.868 ug/ml
18) T n-Dotriacontane (C32)	18.208	3235635	19.792 ug/ml
19) T n-Tetratriacontane (C34)	18.988	2804854	20.133 ug/ml
20) T n-Hexatriacontane (C36)	19.723	2391115	20.794 ug/ml
21) T n-Octatriacontane (C38)	20.419	2205095	21.281 ug/ml
22) T n-Tetracontane (C40)	21.197	1991409	20.779 ug/ml

(f)=RT Delta > 1/2 Window

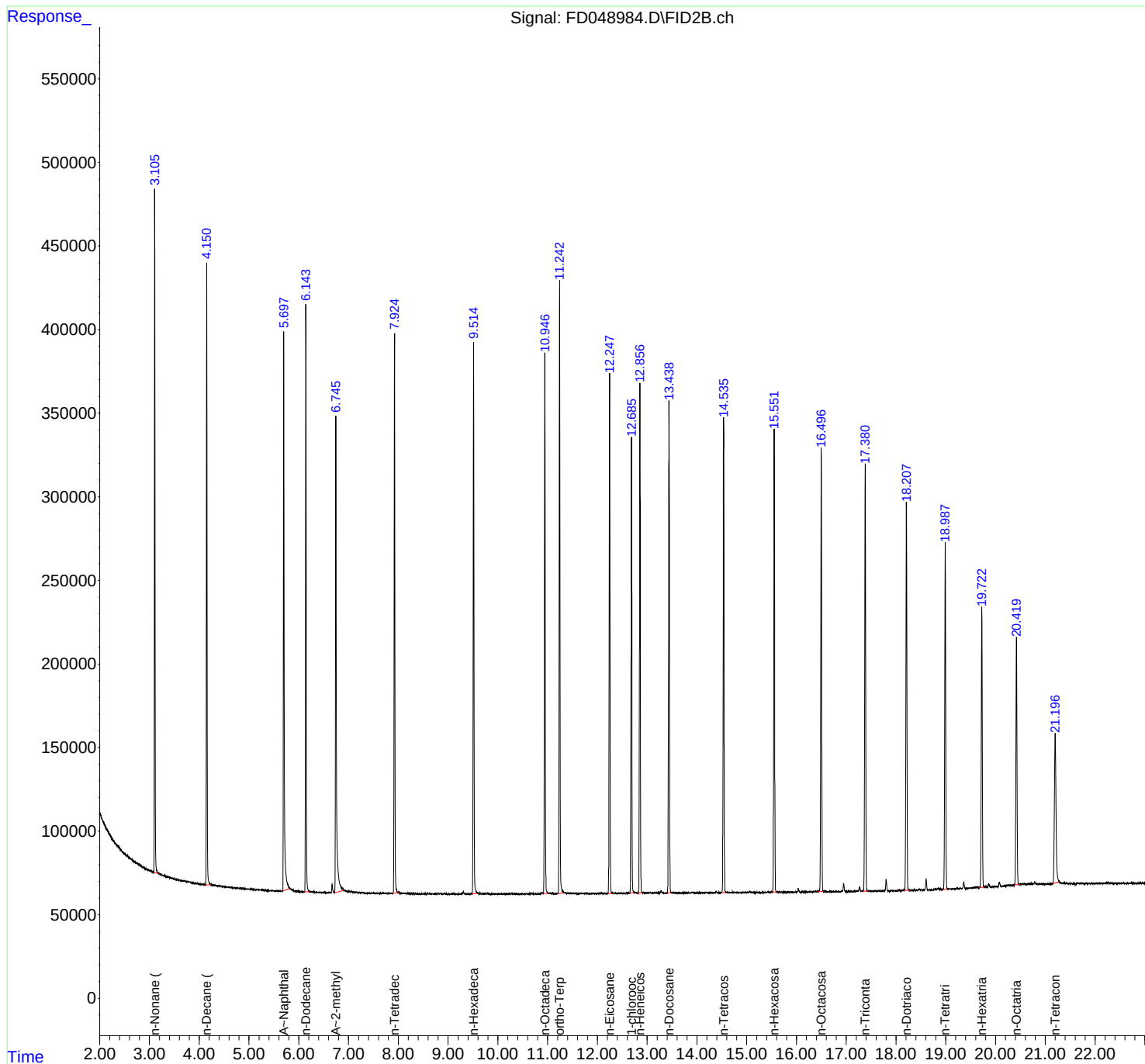
(m)=manual int.

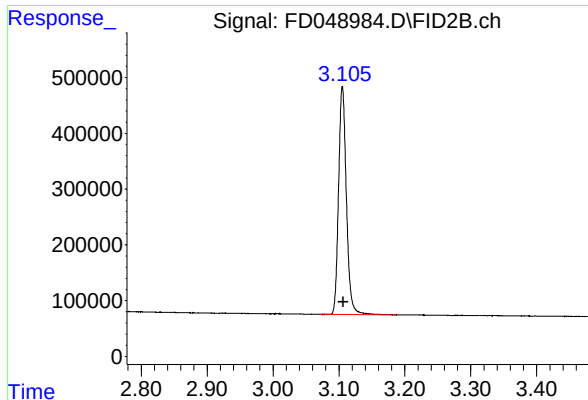
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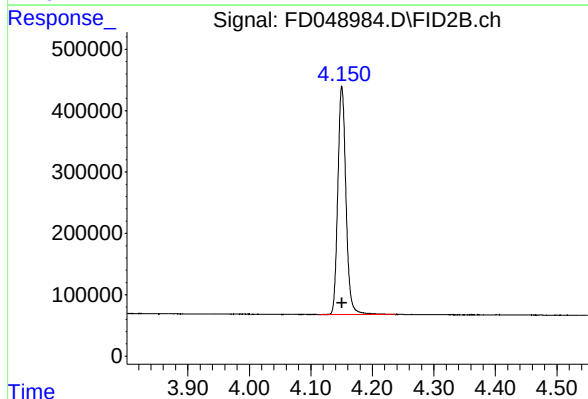




#1 n-Nonane (C9)

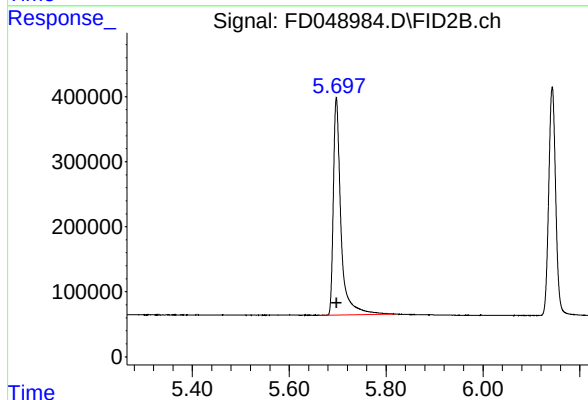
R.T.: 3.105 min
Delta R.T.: -0.002 min
Response: 3370107
Conc: 21.07 ug/ml

Instrument :
FID_D
ClientSampleId :



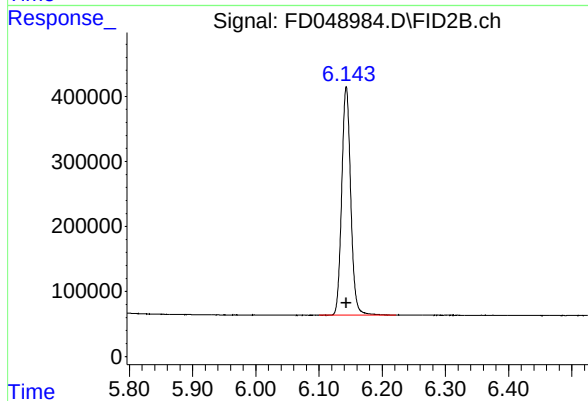
#2 n-Decane (C10)

R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 3426959
Conc: 21.02 ug/ml



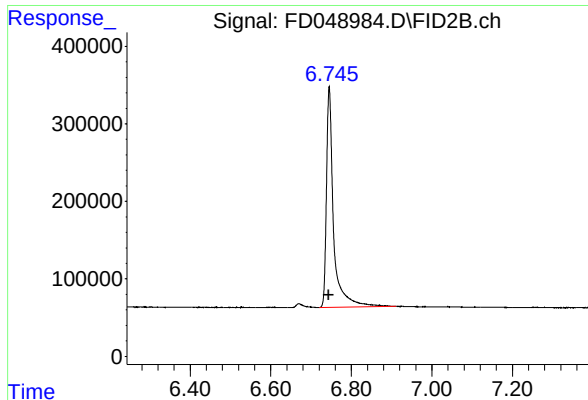
#3 A~Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3637870
Conc: 21.29 ug/ml



#4 n-Dodecane (C12)

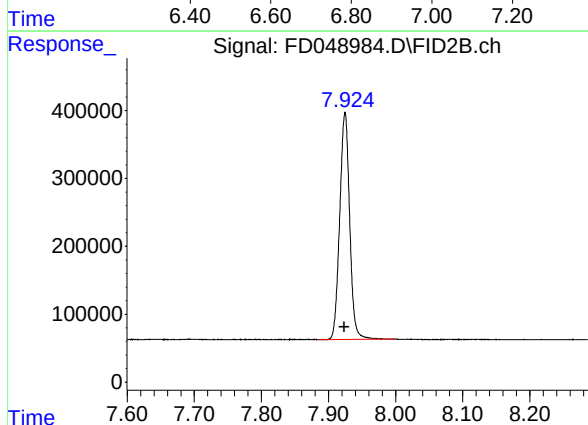
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 3469622
Conc: 20.95 ug/ml



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

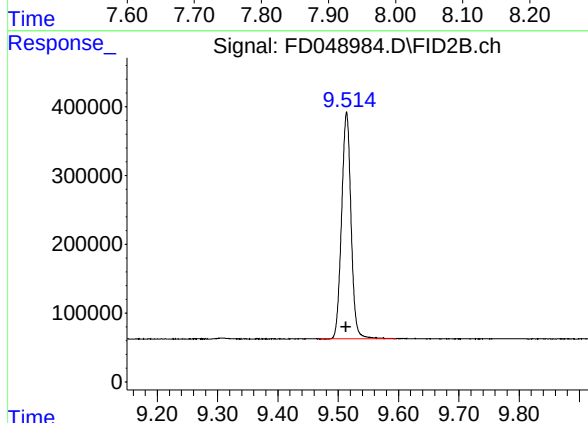
R.T.: 6.745 min
Delta R.T.: 0.001 min
Response: 3504528
Conc: 21.74 ug/ml

Instrument :
FID_D
ClientSampleId :



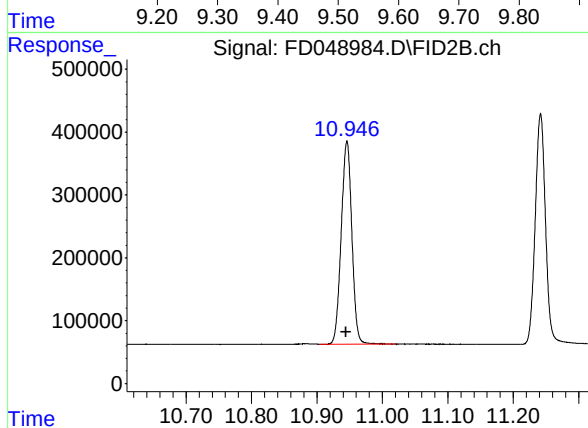
#6 n-Tetradecane (C14)

R.T.: 7.925 min
Delta R.T.: 0.001 min
Response: 3440811
Conc: 20.81 ug/ml



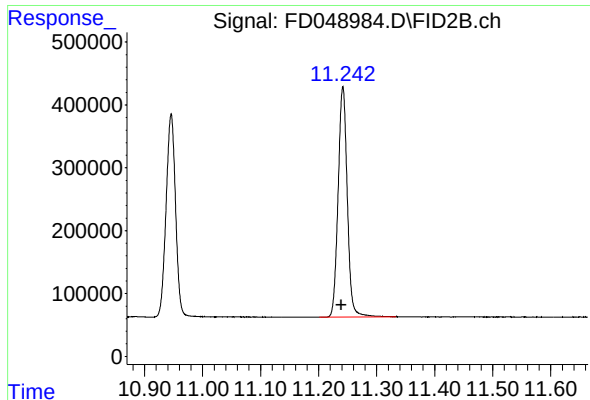
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: 0.001 min
Response: 3583088
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

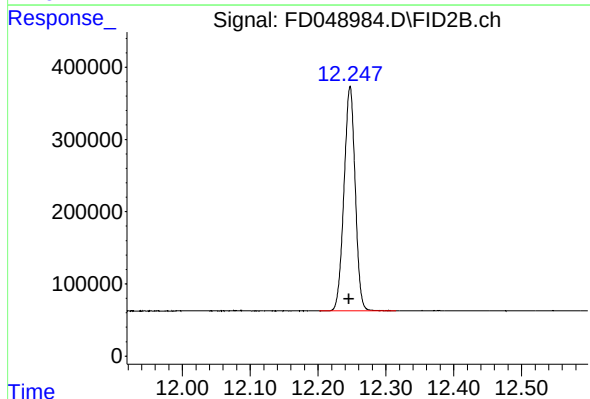
R.T.: 10.946 min
Delta R.T.: 0.002 min
Response: 3654986
Conc: 20.73 ug/ml



#9 ortho-Terphenyl (SURR)

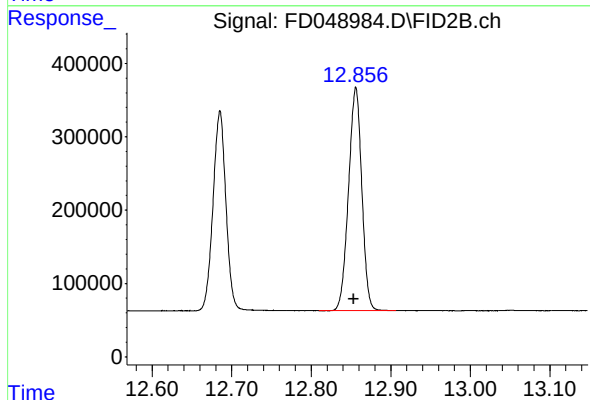
R.T.: 11.242 min
Delta R.T.: 0.003 min
Response: 4019928
Conc: 20.82 ug/ml

Instrument :
FID_D
ClientSampleId :



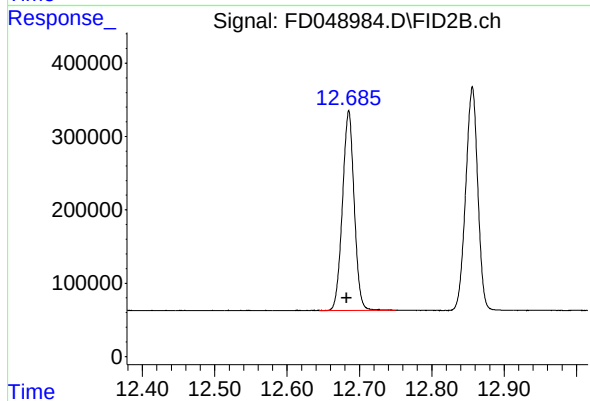
#10 n-Eicosane (C20)

R.T.: 12.247 min
Delta R.T.: 0.002 min
Response: 3566173
Conc: 20.72 ug/ml



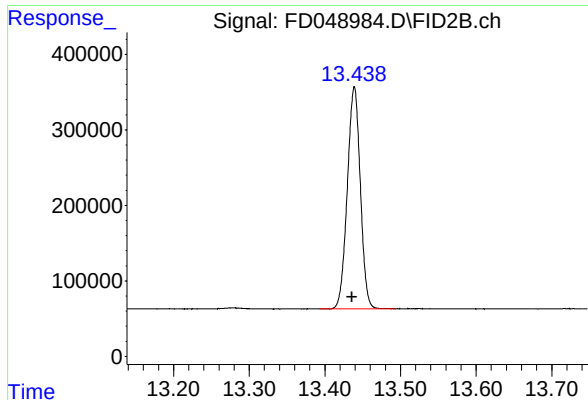
#11 n-Heneicosane (C21)

R.T.: 12.856 min
Delta R.T.: 0.003 min
Response: 3528959
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

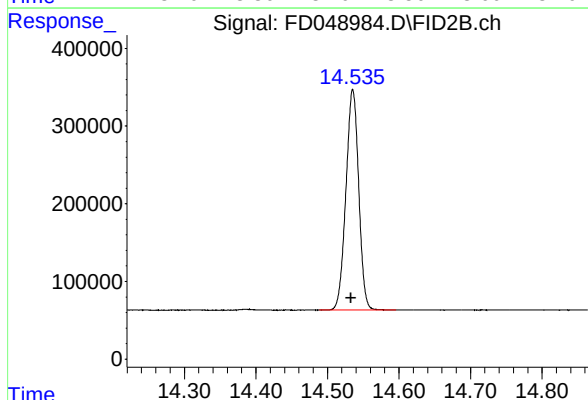
R.T.: 12.685 min
Delta R.T.: 0.003 min
Response: 3067888
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

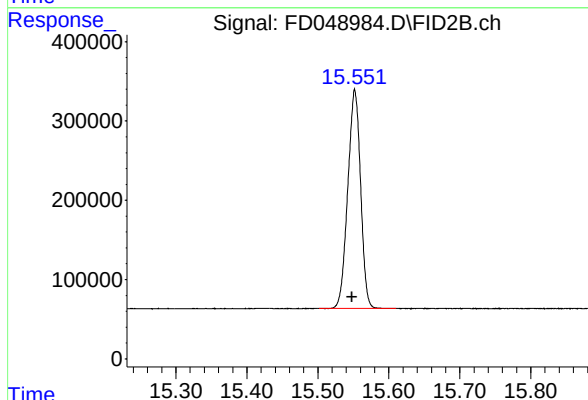
R.T.: 13.439 min
Delta R.T.: 0.003 min
Response: 3516387
Conc: 20.68 ug/ml

Instrument :
FID_D
ClientSampleId :



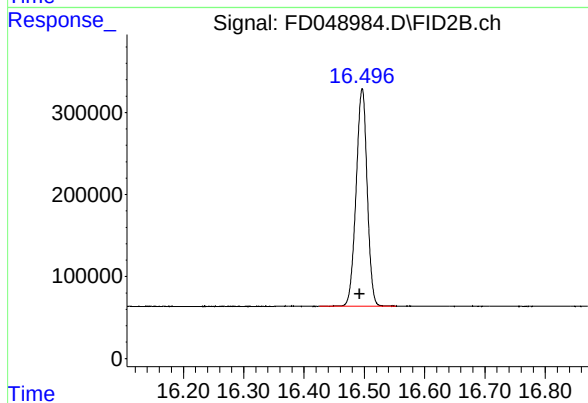
#14 n-Tetracosane (C24)

R.T.: 14.535 min
Delta R.T.: 0.002 min
Response: 3523283
Conc: 20.68 ug/ml



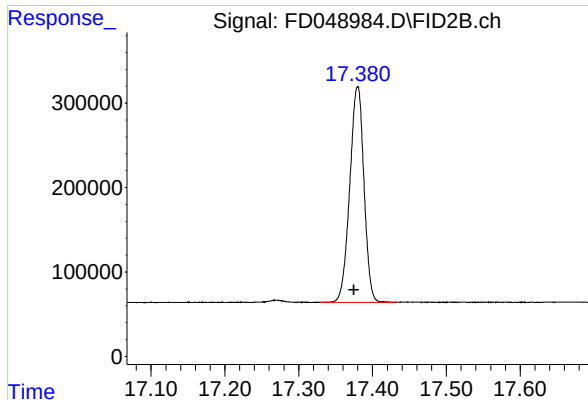
#15 n-Hexacosane (C26)

R.T.: 15.552 min
Delta R.T.: 0.004 min
Response: 3459728
Conc: 20.66 ug/ml



#16 n-Octacosane (C28)

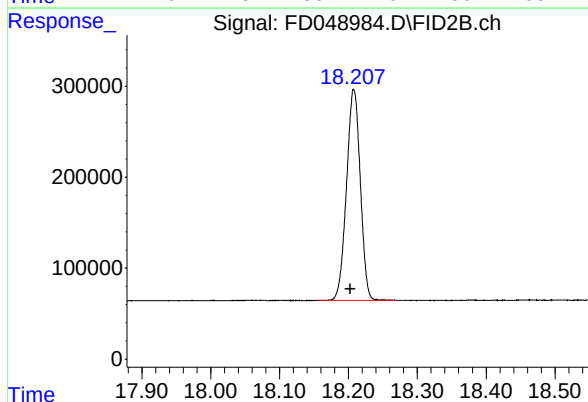
R.T.: 16.497 min
Delta R.T.: 0.004 min
Response: 3388317
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

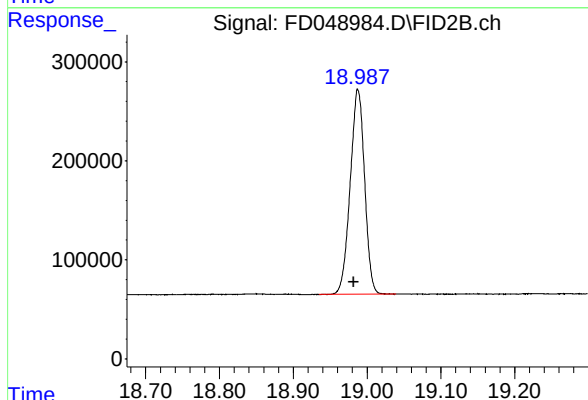
R.T.: 17.380 min
Delta R.T.: 0.005 min
Response: 3410450
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :



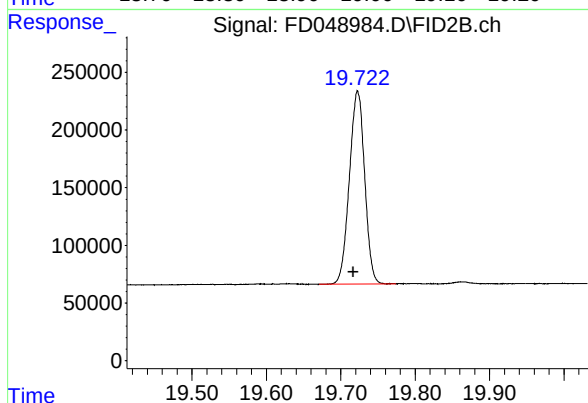
#18 n-Dotriacontane (C32)

R.T.: 18.208 min
Delta R.T.: 0.005 min
Response: 3235635
Conc: 19.79 ug/ml



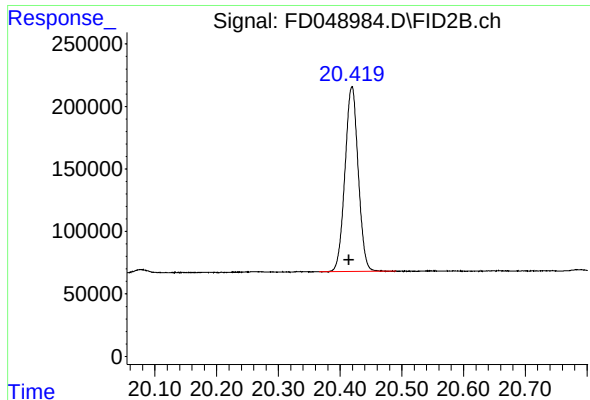
#19 n-Tetatriacontane (C34)

R.T.: 18.988 min
Delta R.T.: 0.006 min
Response: 2804854
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

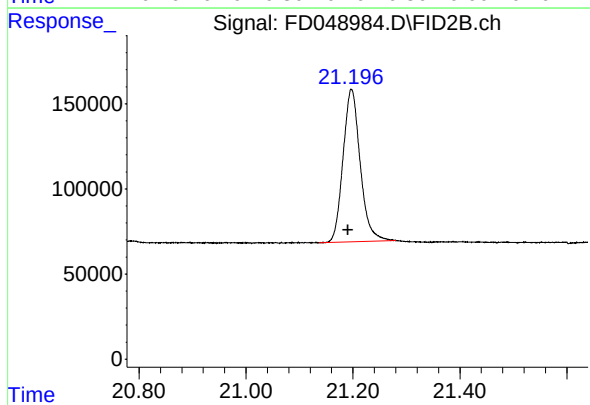
R.T.: 19.723 min
Delta R.T.: 0.006 min
Response: 2391115
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.419 min
Delta R.T.: 0.005 min
Response: 2205095
Conc: 21.28 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.197 min
Delta R.T.: 0.007 min
Response: 1991409
Conc: 20.78 ug/ml