

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
 Data File : FC060522.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2022 09:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 01 04:58:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.632	3791393	20.689 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
12) S 1-chlorooctadecane (S...	11.998	3062126	20.775 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	2.629	3265192	21.286 ug/ml
2) T n-Decane (C10)	3.625	3307643	21.658 ug/ml
3) T A~Naphthalene (C11.7)	5.164	3539998	21.174 ug/ml
4) T n-Dodecane (C12)	5.570	3395514	21.010 ug/ml
5) T A~2-methylnaphthalene...	6.186	3513677	20.670 ug/ml
6) T n-Tetradecane (C14)	7.319	3473457	21.026 ug/ml
7) T n-Hexadecane (C16)	8.879	3548963	21.000 ug/ml
8) T n-Octadecane (C18)	10.285	3610358	20.985 ug/ml
10) T n-Eicosane (C20)	11.562	3569734	20.916 ug/ml
11) T n-Heneicosane (C21)	12.159	3553006	20.839 ug/ml
13) T n-Docosane (C22)	12.732	3618516	21.228 ug/ml
14) T n-Tetracosane (C24)	13.808	3569830	21.262 ug/ml
15) T n-Hexacosane (C26)	14.803	3482250	21.191 ug/ml
16) T n-Octacosane (C28)	15.730	3422632	21.570 ug/ml
17) T n-Tricontane (C30)	16.597	3364287	22.101 ug/ml
18) T n-Dotriacontane (C32)	17.409	3144600	21.632 ug/ml
19) T n-Tetratriacontane (C34)	18.172	2803176	22.070 ug/ml
20) T n-Hexatriacontane (C36)	18.893	2541038	22.642 ug/ml
21) T n-Octatriacontane (C38)	19.573	2454239	22.420 ug/ml
22) T n-Tetracontane (C40)	20.220	2417577	21.406 ug/ml

(f)=RT Delta > 1/2 Window

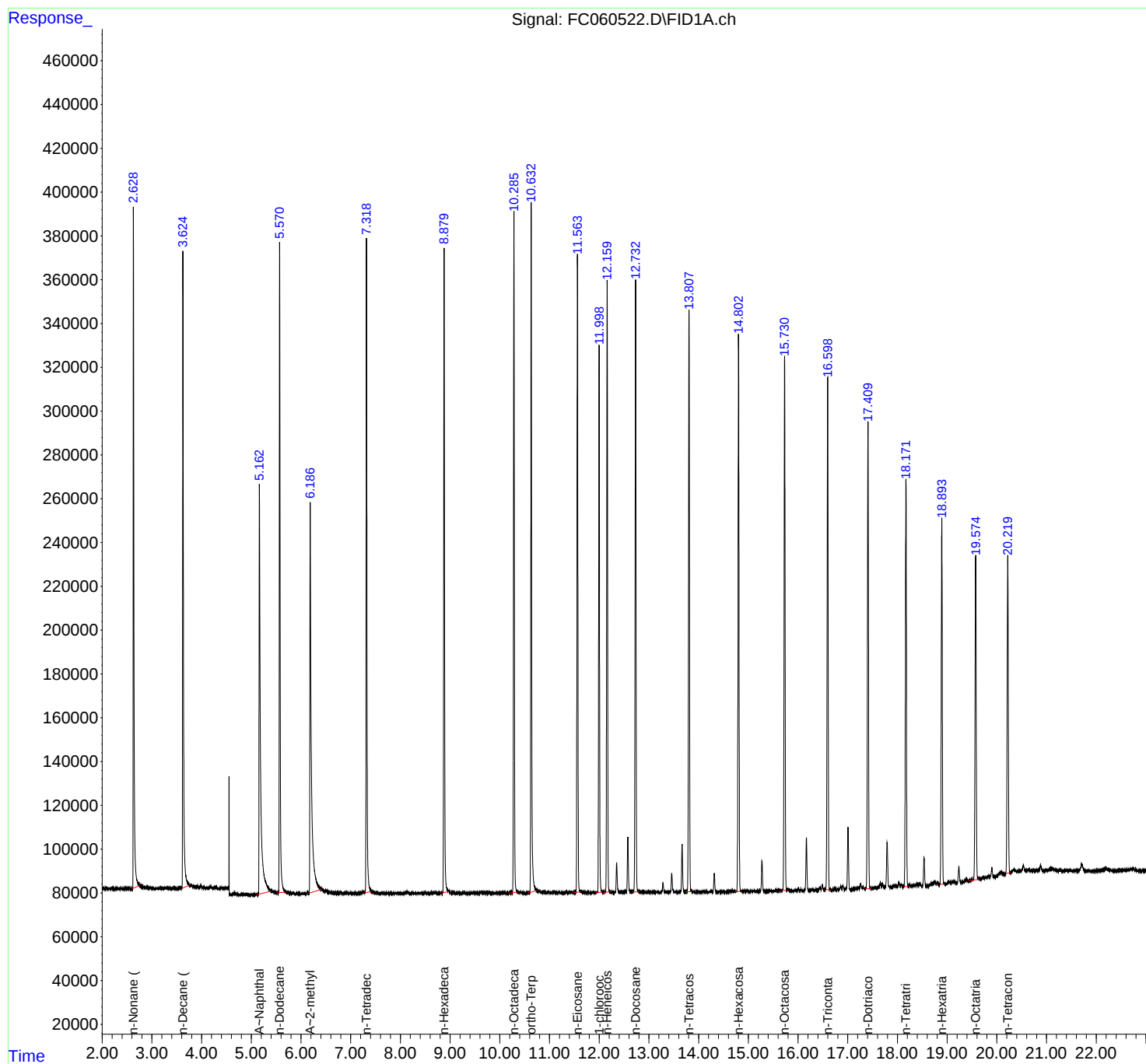
(m)=manual int.

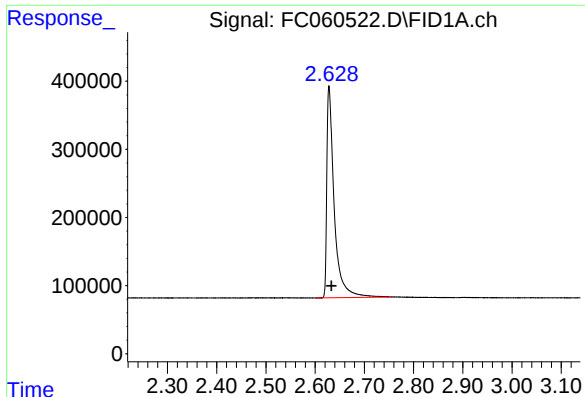
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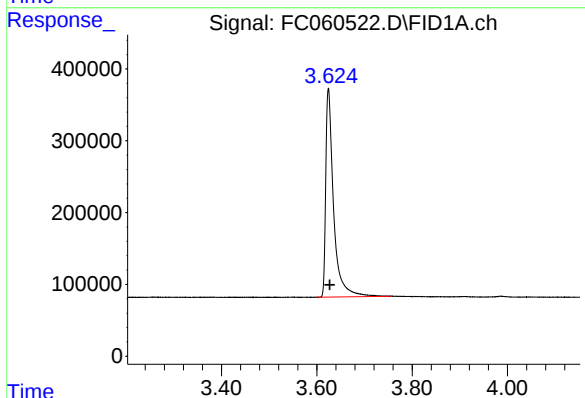




#1 n-Nonane (C9)

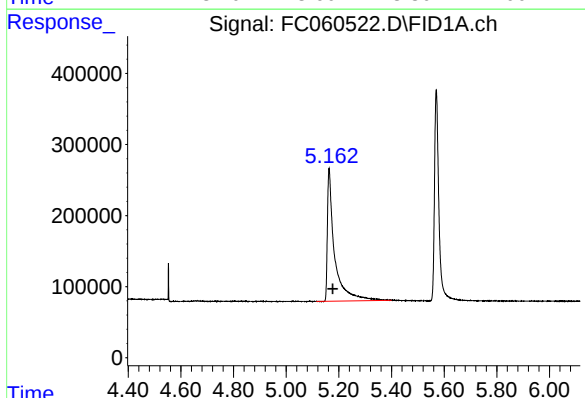
R.T.: 2.629 min
Delta R.T.: -0.004 min
Response: 3265192
Conc: 21.29 ug/ml

Instrument :
FID_C
ClientSampleId :



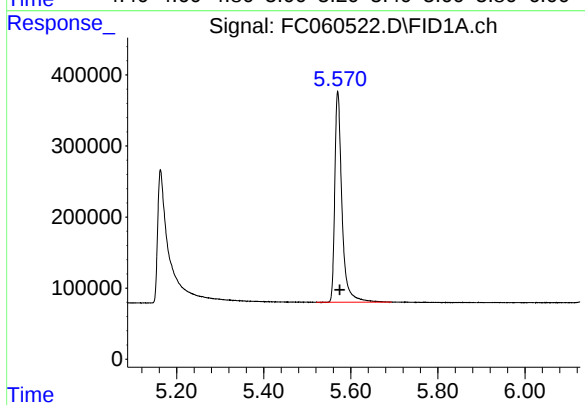
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 3307643
Conc: 21.66 ug/ml



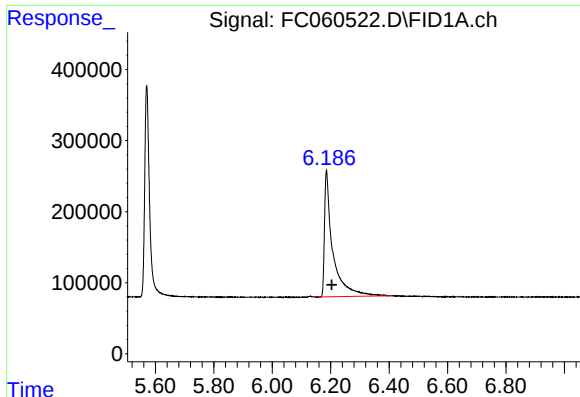
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.013 min
Response: 3539998
Conc: 21.17 ug/ml



#4 n-Dodecane (C12)

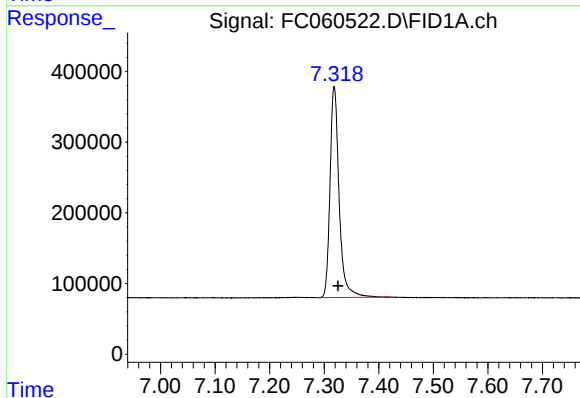
R.T.: 5.570 min
Delta R.T.: -0.004 min
Response: 3395514
Conc: 21.01 ug/ml



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

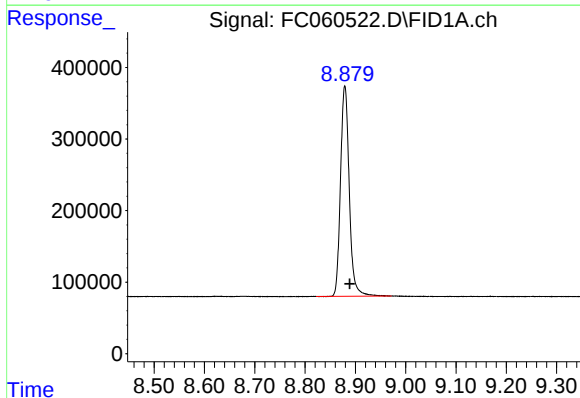
R.T.: 6.186 min
Delta R.T.: -0.018 min
Response: 3513677
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :



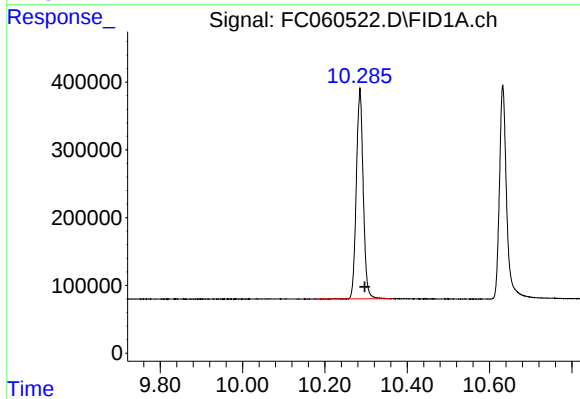
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.007 min
Response: 3473457
Conc: 21.03 ug/ml



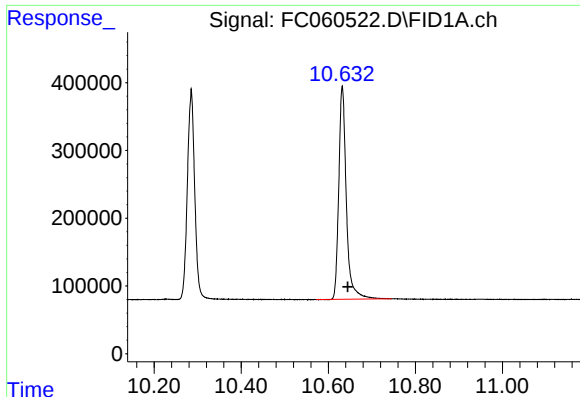
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: -0.010 min
Response: 3548963
Conc: 21.00 ug/ml



#8 n-Octadecane (C18)

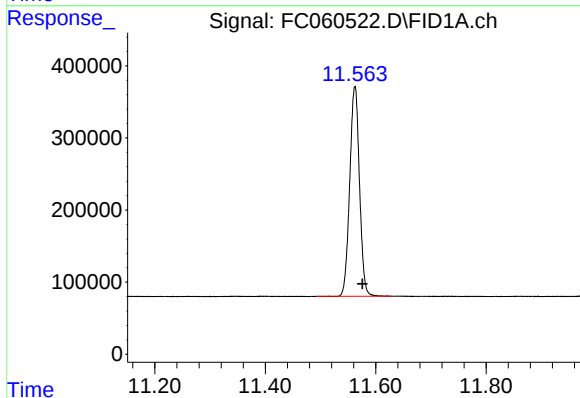
R.T.: 10.285 min
Delta R.T.: -0.012 min
Response: 3610358
Conc: 20.99 ug/ml



#9 ortho-Terphenyl (SURR)

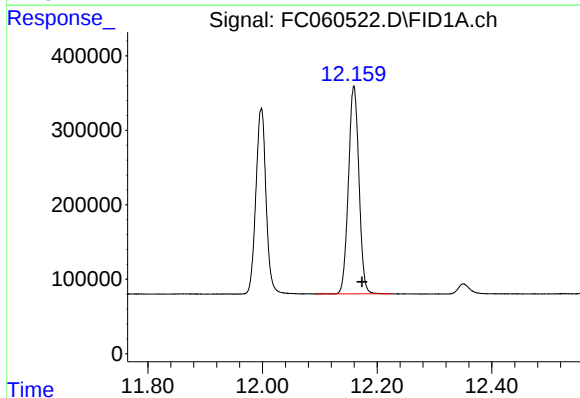
R.T.: 10.632 min
Delta R.T.: -0.012 min
Response: 3791393
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :



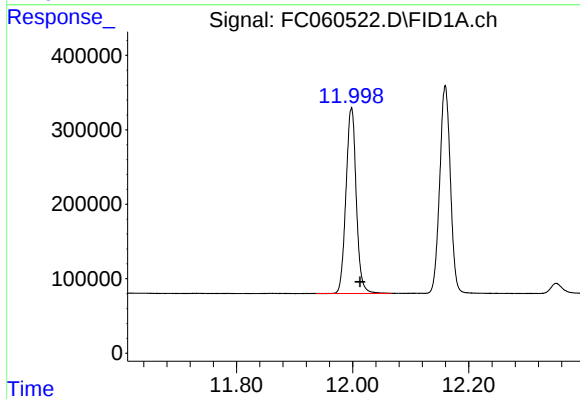
#10 n-Eicosane (C20)

R.T.: 11.562 min
Delta R.T.: -0.014 min
Response: 3569734
Conc: 20.92 ug/ml



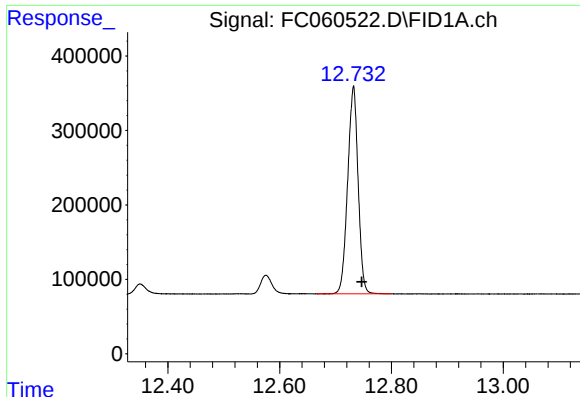
#11 n-Heneicosane (C21)

R.T.: 12.159 min
Delta R.T.: -0.014 min
Response: 3553006
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

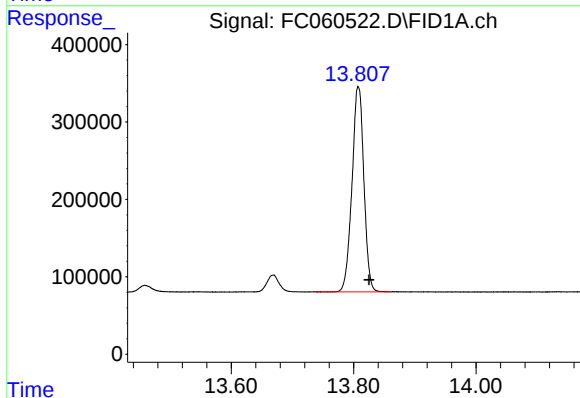
R.T.: 11.998 min
Delta R.T.: -0.015 min
Response: 3062126
Conc: 20.77 ug/ml



#13 n-Docosane (C22)

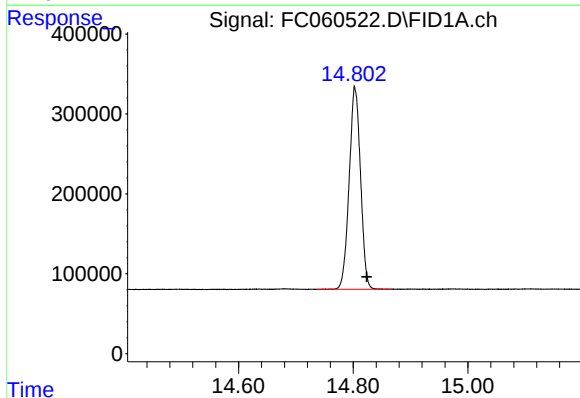
R.T.: 12.732 min
Delta R.T.: -0.015 min
Response: 3618516
Conc: 21.23 ug/ml

Instrument :
FID_C
ClientSampleId :



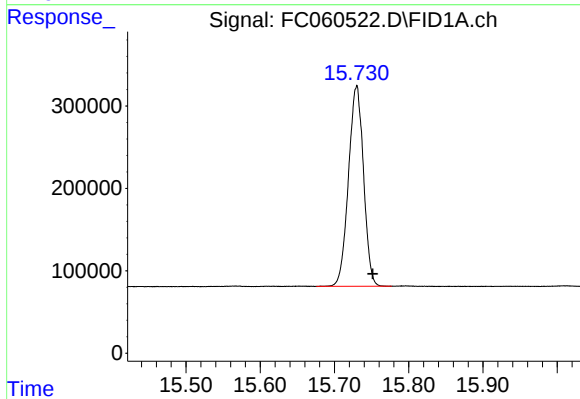
#14 n-Tetracosane (C24)

R.T.: 13.808 min
Delta R.T.: -0.018 min
Response: 3569830
Conc: 21.26 ug/ml



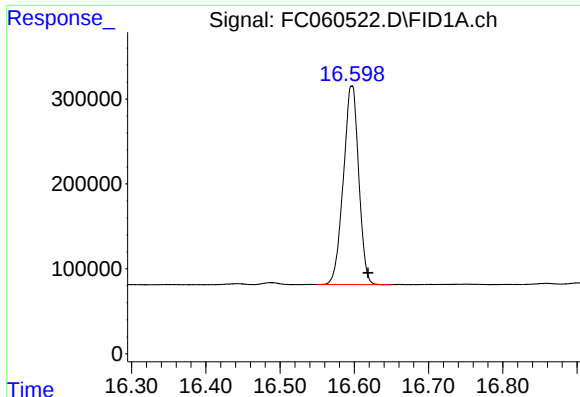
#15 n-Hexacosane (C26)

R.T.: 14.803 min
Delta R.T.: -0.020 min
Response: 3482250
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

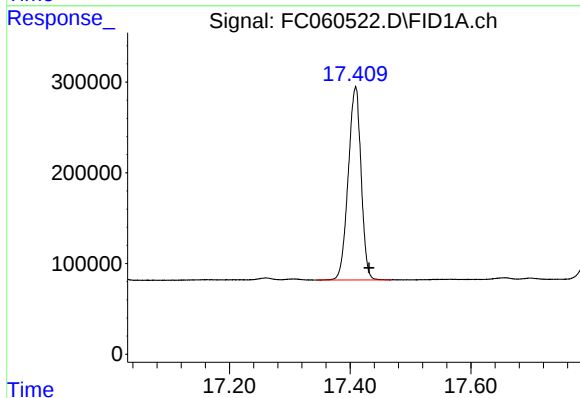
R.T.: 15.730 min
Delta R.T.: -0.022 min
Response: 3422632
Conc: 21.57 ug/ml



#17 n-Tricontane (C30)

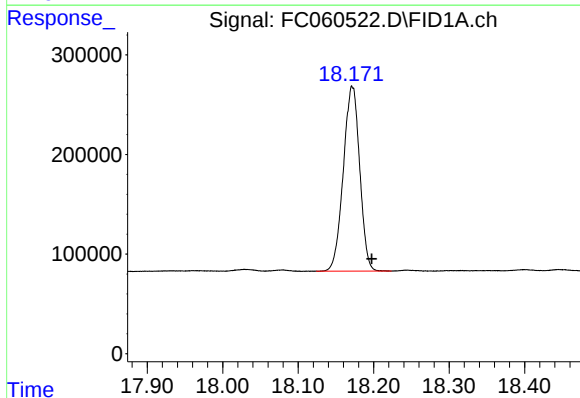
R.T.: 16.597 min
Delta R.T.: -0.022 min
Response: 3364287
Conc: 22.10 ug/ml

Instrument :
FID_C
ClientSampleId :



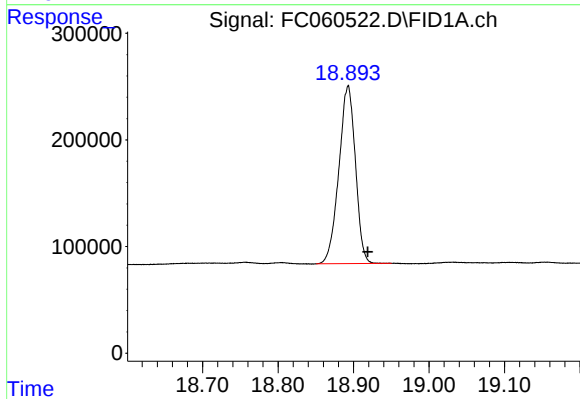
#18 n-Dotriacontane (C32)

R.T.: 17.409 min
Delta R.T.: -0.023 min
Response: 3144600
Conc: 21.63 ug/ml



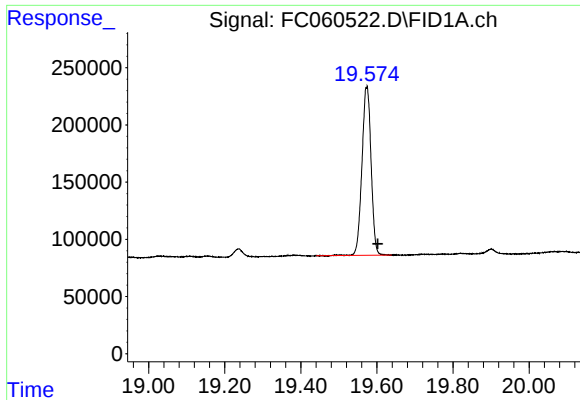
#19 n-Tetratriacontane (C34)

R.T.: 18.172 min
Delta R.T.: -0.026 min
Response: 2803176
Conc: 22.07 ug/ml



#20 n-Hexatriacontane (C36)

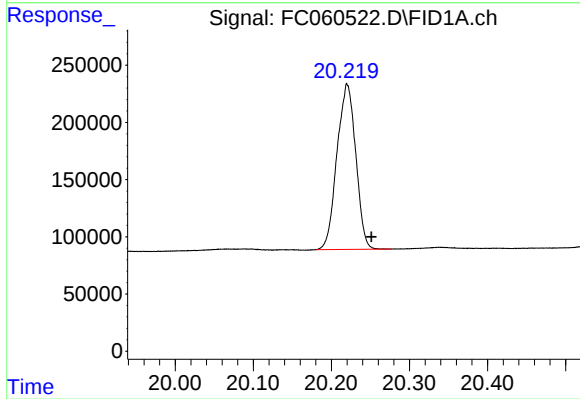
R.T.: 18.893 min
Delta R.T.: -0.026 min
Response: 2541038
Conc: 22.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.573 min
Delta R.T.: -0.029 min
Response: 2454239
Conc: 22.42 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.220 min
Delta R.T.: -0.031 min
Response: 2417577
Conc: 21.41 ug/ml