

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102522AL\
 Data File : FC061924.D
 Signal(s) : FID1A.ch
 Acq On : 26 Oct 2022 04:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 26 04:44:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.585	3182011	21.407 ug/ml
Spiked Amount 50.000		Recovery =	42.81%
12) S 1-chlorooctadecane (S...	13.021	2536759	21.774 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
Target Compounds			
1) T n-Nonane (C9)	3.350	2815636	20.017 ug/ml
2) T n-Decane (C10)	4.416	2876737	20.153 ug/ml
3) T A~Naphthalene (C11.7)	5.999	3115065	20.181 ug/ml
4) T n-Dodecane (C12)	6.430	2917385	20.096 ug/ml
5) T A~2-methylnaphthalene...	7.053	3072530	20.254 ug/ml
6) T n-Tetradecane (C14)	8.225	2936639	20.202 ug/ml
7) T n-Hexadecane (C16)	9.826	2989699	20.530 ug/ml
8) T n-Octadecane (C18)	11.268	3033078	20.984 ug/ml
10) T n-Eicosane (C20)	12.577	3025460	21.436 ug/ml
11) T n-Heneicosane (C21)	13.189	3011998	21.707 ug/ml
13) T n-Docosane (C22)	13.775	2991187	21.819 ug/ml
14) T n-Tetracosane (C24)	14.876	2916046	22.069 ug/ml
15) T n-Hexacosane (C26)	15.896	2811616	22.313 ug/ml
16) T n-Octacosane (C28)	16.845	2693043	22.329 ug/ml
17) T n-Tricontane (C30)	17.732	2718427	22.847 ug/ml
18) T n-Dotriacontane (C32)	18.564	2660585	22.581 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2452798	21.711 ug/ml
20) T n-Hexatriacontane (C36)	20.085	2411576	21.264 ug/ml
21) T n-Octatriacontane (C38)	20.822	2296430	20.409 ug/ml
22) T n-Tetracontane (C40)	21.734	2240494	19.957 ug/ml

(f)=RT Delta > 1/2 Window

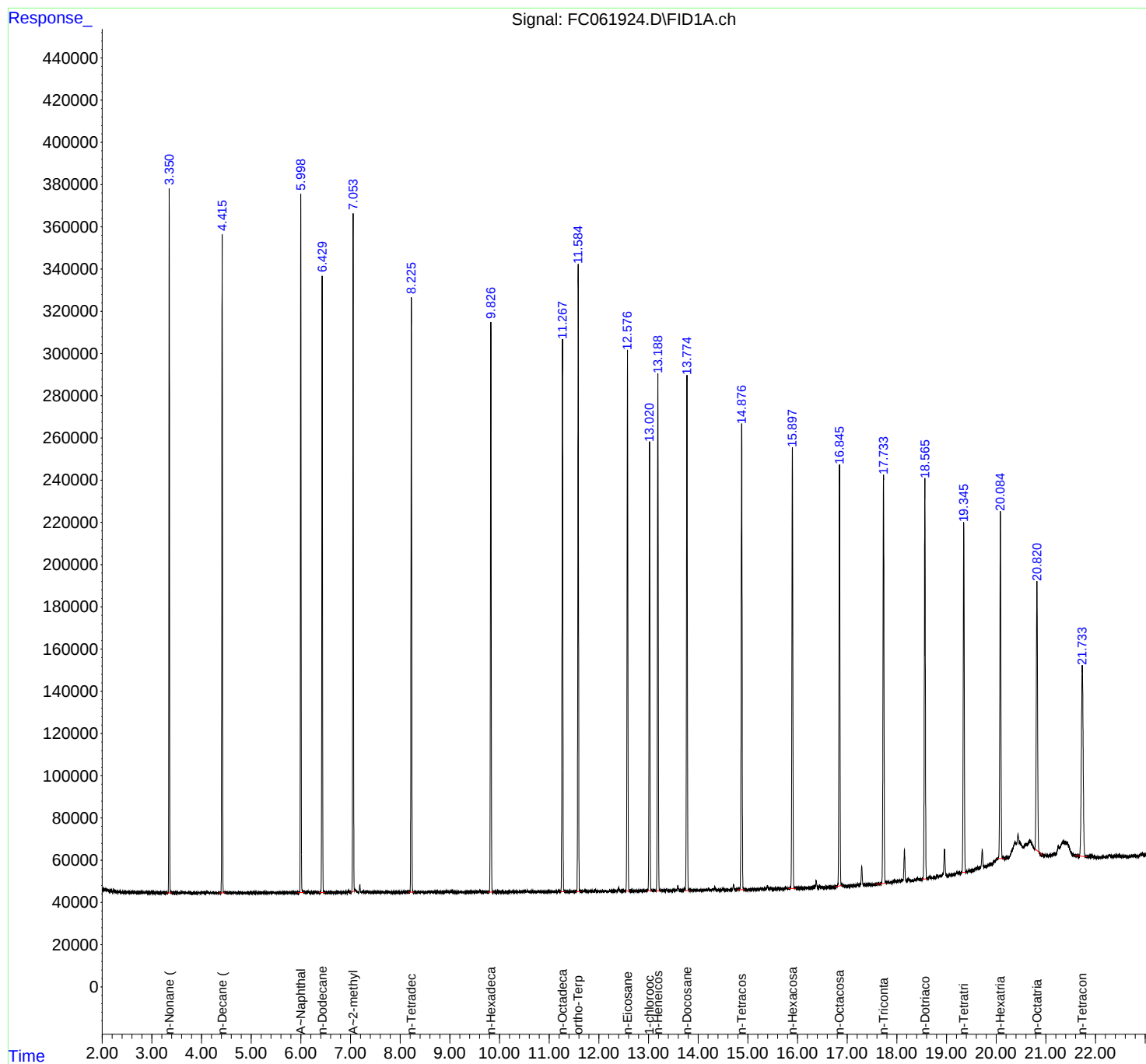
(m)=manual int.

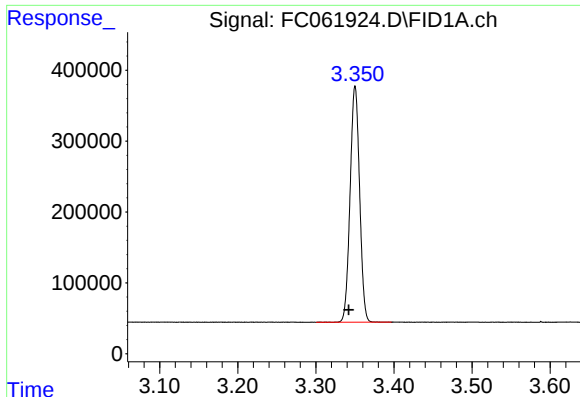
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102522AL\
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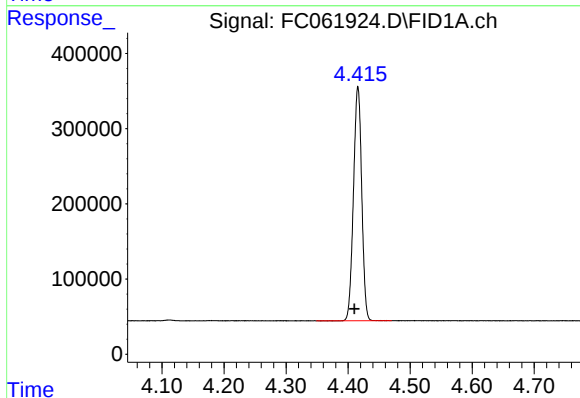




#1 n-Nonane (C9)

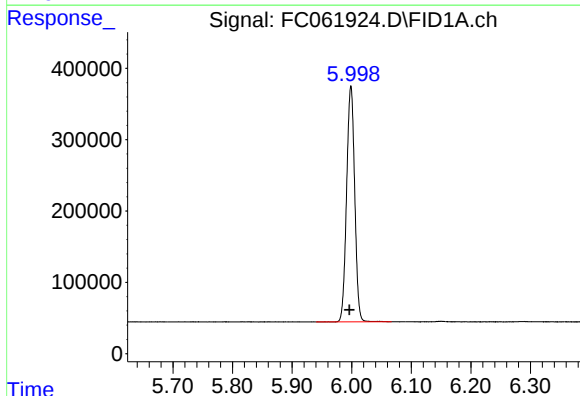
R.T.: 3.350 min
Delta R.T.: 0.008 min
Response: 2815636
Conc: 20.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



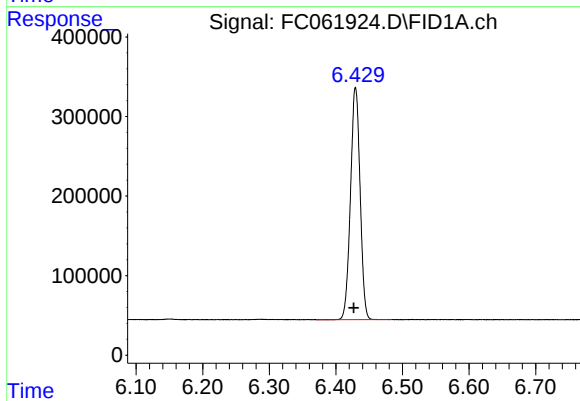
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: 0.006 min
Response: 2876737
Conc: 20.15 ug/ml



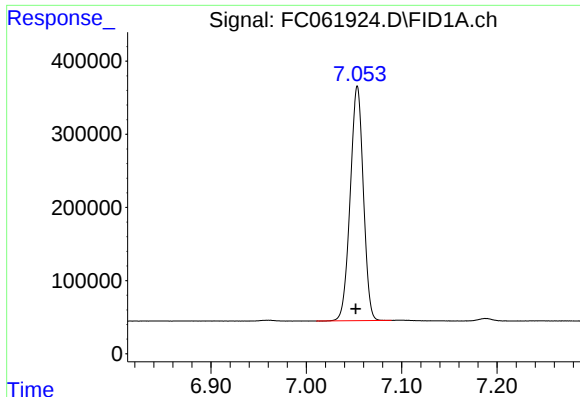
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: 0.002 min
Response: 3115065
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

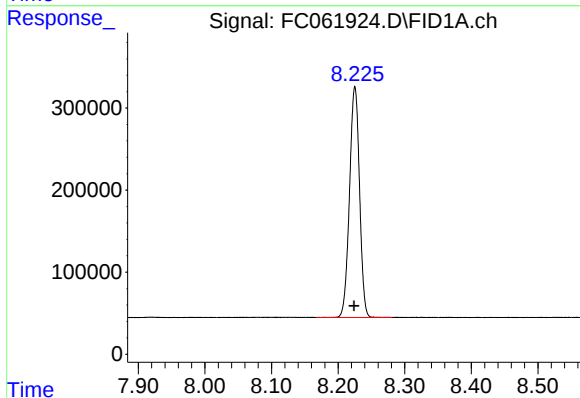
R.T.: 6.430 min
Delta R.T.: 0.003 min
Response: 2917385
Conc: 20.10 ug/ml



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

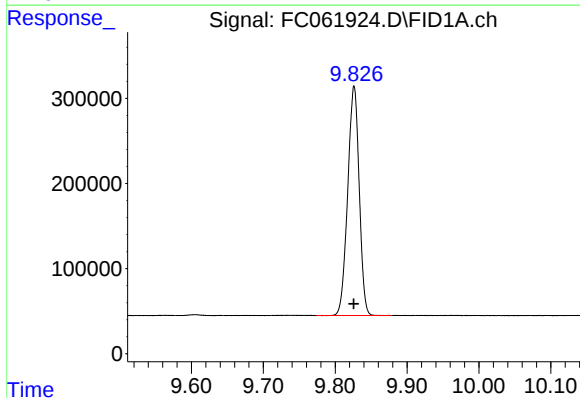
R.T.: 7.053 min
Delta R.T.: 0.002 min
Response: 3072530
Conc: 20.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



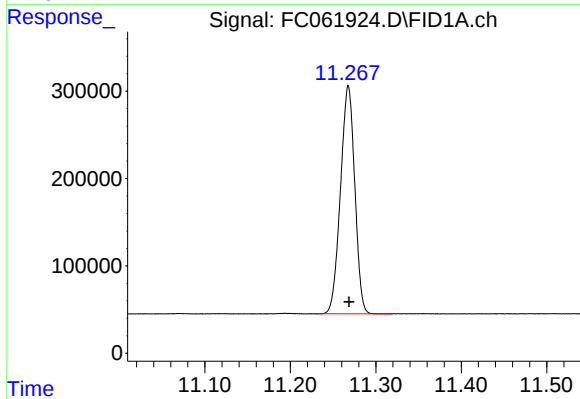
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.001 min
Response: 2936639
Conc: 20.20 ug/ml



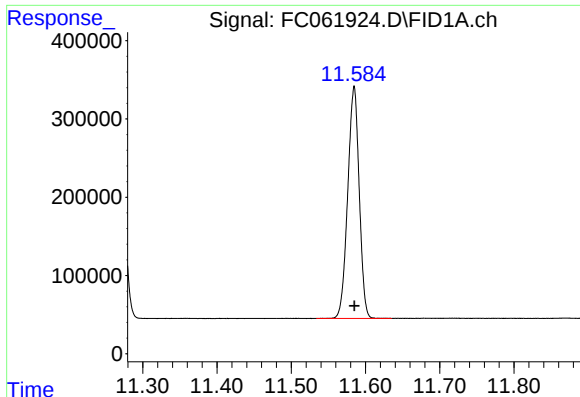
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 2989699
Conc: 20.53 ug/ml



#8 n-Octadecane (C18)

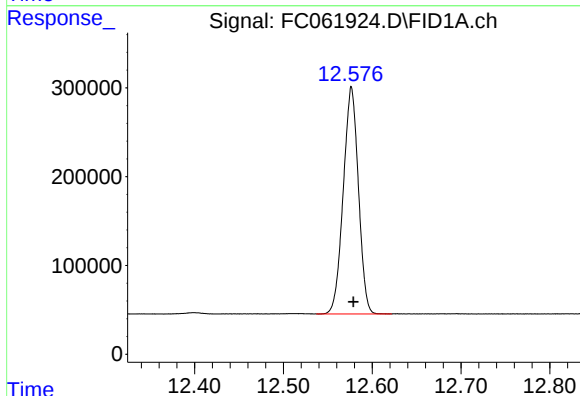
R.T.: 11.268 min
Delta R.T.: -0.001 min
Response: 3033078
Conc: 20.98 ug/ml



#9 ortho-Terphenyl (SURR)

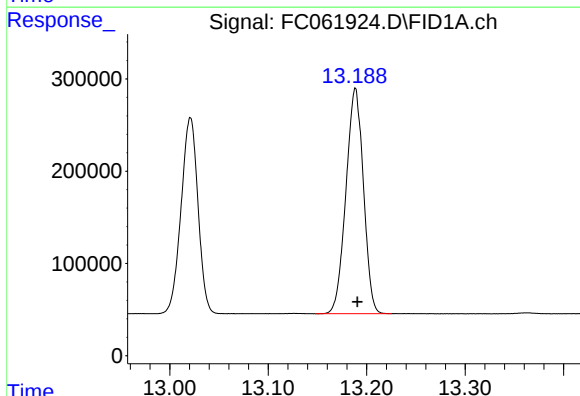
R.T.: 11.585 min
Delta R.T.: 0.000 min
Response: 3182011
Conc: 21.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



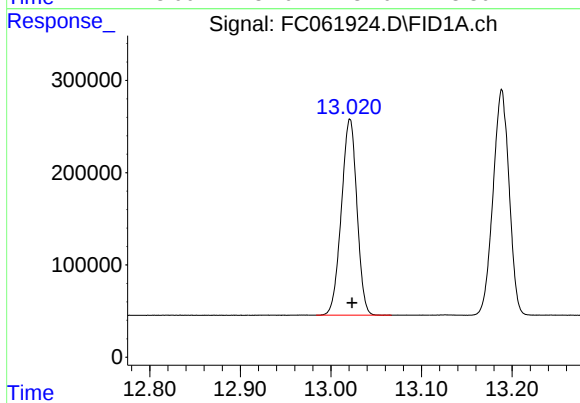
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.002 min
Response: 3025460
Conc: 21.44 ug/ml



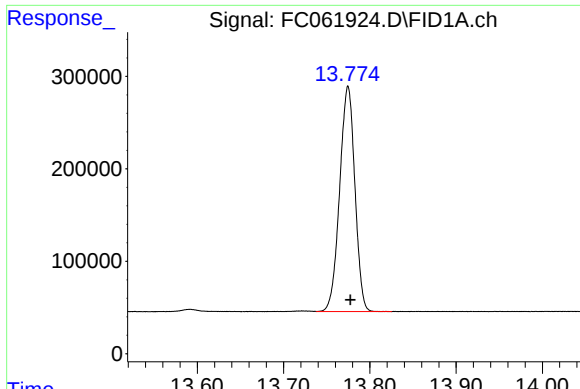
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 3011998
Conc: 21.71 ug/ml



#12 1-chlorooctadecane (SURR)

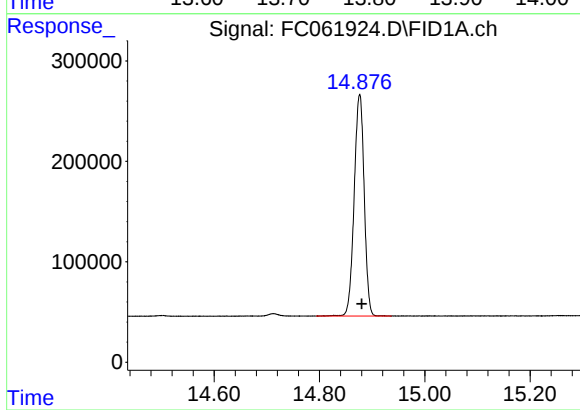
R.T.: 13.021 min
Delta R.T.: -0.003 min
Response: 2536759
Conc: 21.77 ug/ml



#13 n-Docosane (C22)

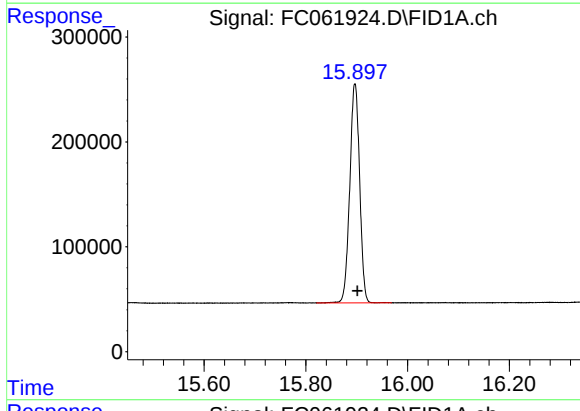
R.T.: 13.775 min
Delta R.T.: -0.003 min
Response: 2991187
Conc: 21.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



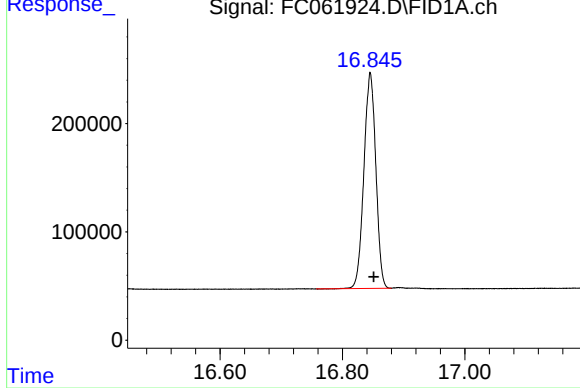
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.004 min
Response: 2916046
Conc: 22.07 ug/ml



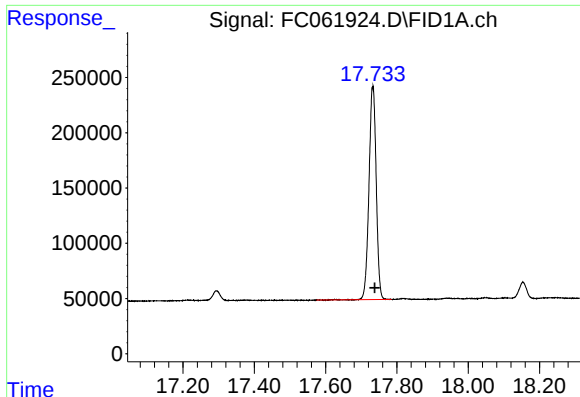
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: -0.005 min
Response: 2811616
Conc: 22.31 ug/ml



#16 n-Octacosane (C28)

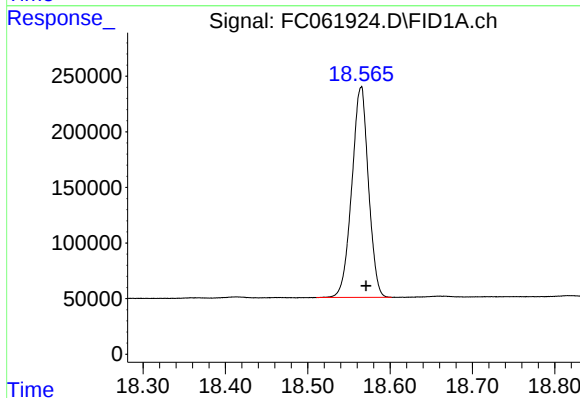
R.T.: 16.845 min
Delta R.T.: -0.006 min
Response: 2693043
Conc: 22.33 ug/ml



#17 n-Tricontane (C30)

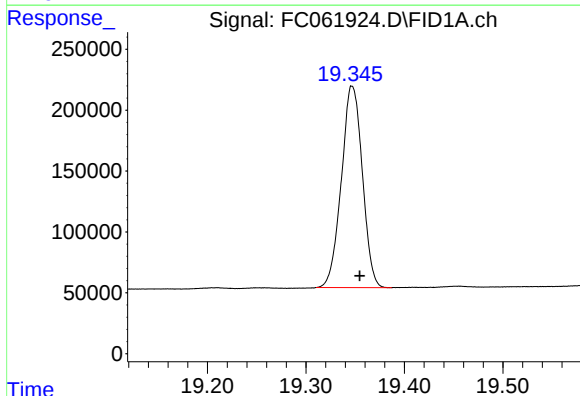
R.T.: 17.732 min
Delta R.T.: -0.006 min
Response: 2718427
Conc: 22.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



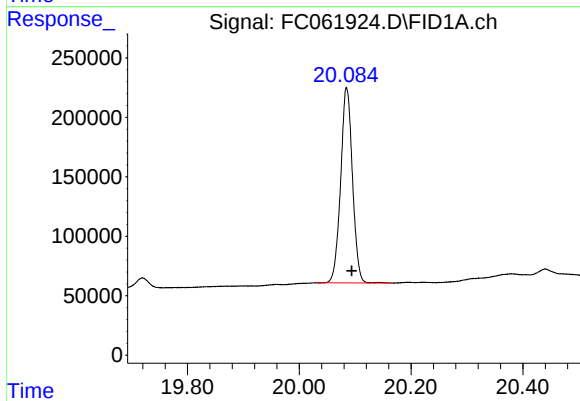
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.007 min
Response: 2660585
Conc: 22.58 ug/ml



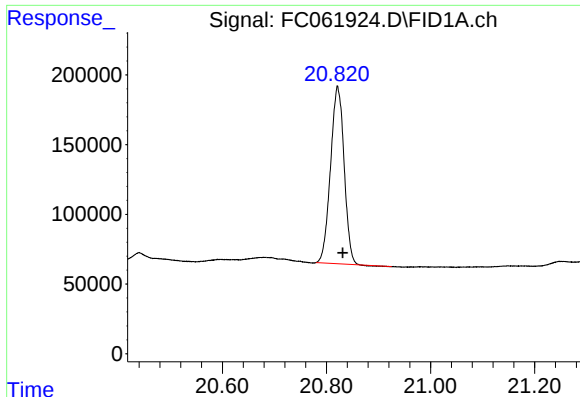
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.007 min
Response: 2452798
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

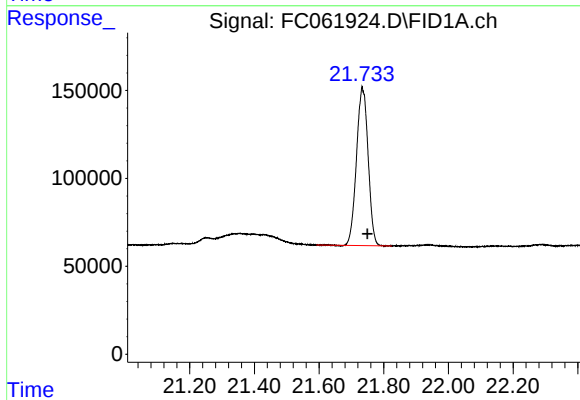
R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 2411576
Conc: 21.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.010 min
Response: 2296430
Conc: 20.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: -0.016 min
Response: 2240494
Conc: 19.96 ug/ml