

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092022AL\
 Data File : FC061581.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2022 03:39
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 21 04:33:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.572	3467812	20.292 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
12) S 1-chlorooctadecane (S...	13.010	2772861	20.298 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T n-Nonane (C9)	3.325	3016698	20.210 ug/ml
2) T n-Decane (C10)	4.393	3040933	20.160 ug/ml
3) T A~Naphthalene (C11.7)	5.978	3346280	20.178 ug/ml
4) T n-Dodecane (C12)	6.412	3063328	20.146 ug/ml
5) T A~2-methylnaphthalene...	7.034	3317425	20.167 ug/ml
6) T n-Tetradecane (C14)	8.210	3076476	20.179 ug/ml
7) T n-Hexadecane (C16)	9.812	3118825	20.170 ug/ml
8) T n-Octadecane (C18)	11.256	3217760	20.412 ug/ml
10) T n-Eicosane (C20)	12.566	3227162	20.251 ug/ml
11) T n-Heneicosane (C21)	13.179	3278257	20.433 ug/ml
13) T n-Docosane (C22)	13.765	3272807	20.371 ug/ml
14) T n-Tetracosane (C24)	14.868	3273100	20.432 ug/ml
15) T n-Hexacosane (C26)	15.888	3250151	20.502 ug/ml
16) T n-Octacosane (C28)	16.838	3184260	20.544 ug/ml
17) T n-Tricontane (C30)	17.726	3130825	20.344 ug/ml
18) T n-Dotriacontane (C32)	18.558	3106104	20.542 ug/ml
19) T n-Tetratriacontane (C34)	19.342	2901794	20.465 ug/ml
20) T n-Hexatriacontane (C36)	20.081	2863763	20.743 ug/ml
21) T n-Octatriacontane (C38)	20.815	2637912	20.369 ug/ml
22) T n-Tetracontane (C40)	21.728	2507412	20.518 ug/ml

(f)=RT Delta > 1/2 Window

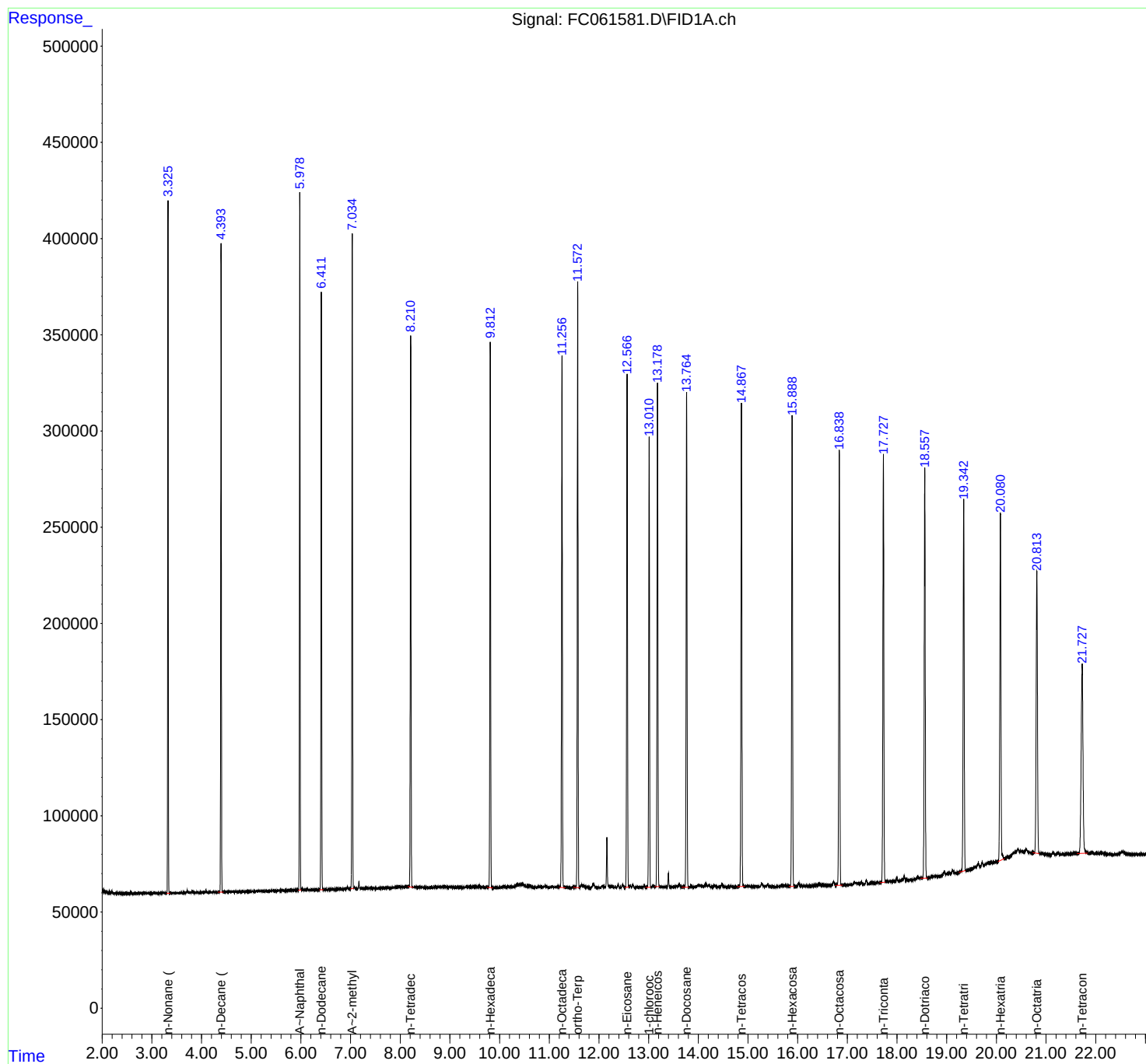
(m)=manual int.

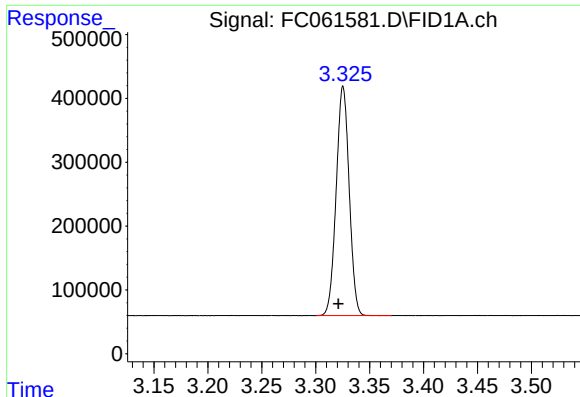
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092022AL\
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#1 n-Nonane (C9)

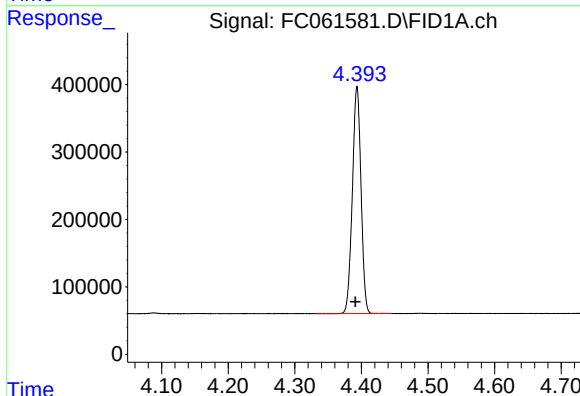
R.T.: 3.325 min
Delta R.T.: 0.004 min
Response: 3016698
Conc: 20.21 ug/ml

Instrument :

FID_C

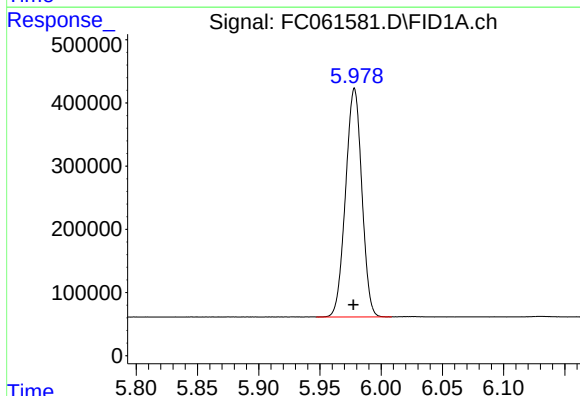
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



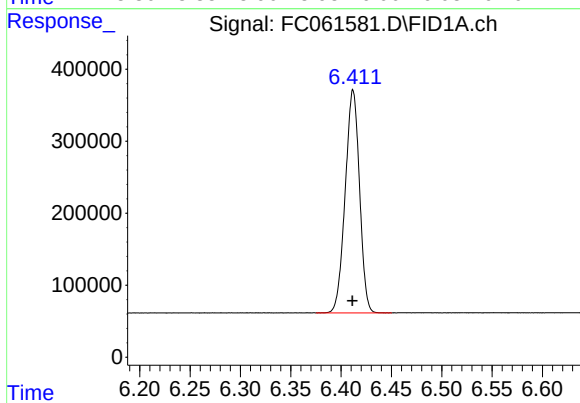
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.002 min
Response: 3040933
Conc: 20.16 ug/ml



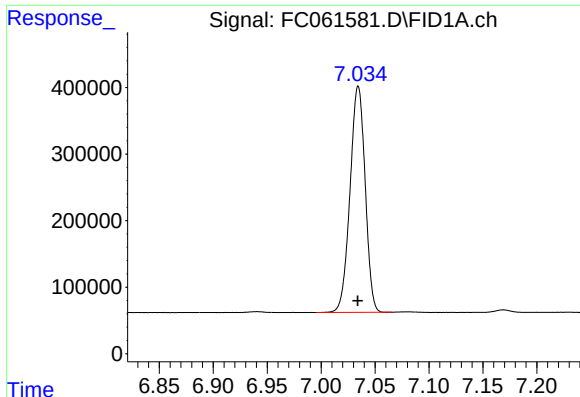
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 3346280
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 3063328
Conc: 20.15 ug/ml



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

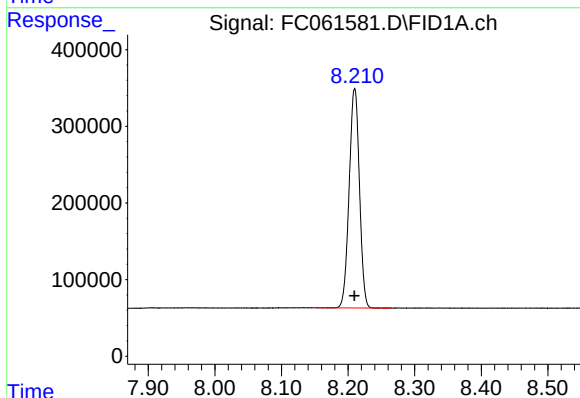
R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 3317425
Conc: 20.17 ug/ml

Instrument :

FID_C

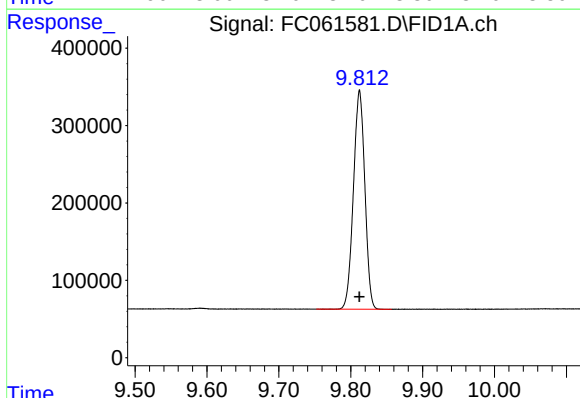
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



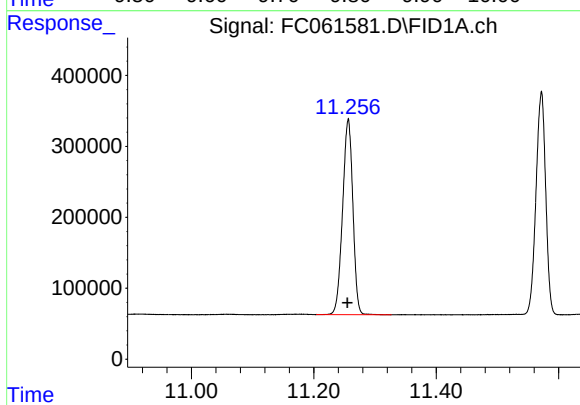
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 3076476
Conc: 20.18 ug/ml



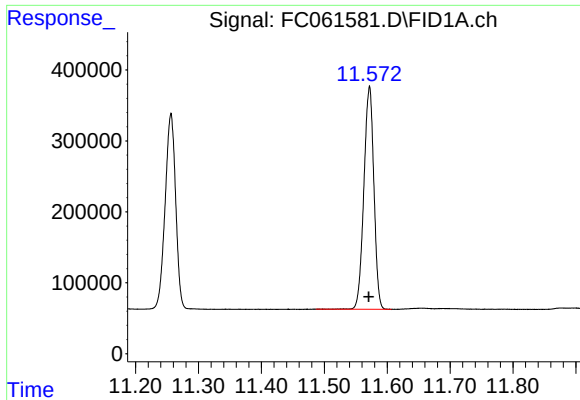
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: 0.000 min
Response: 3118825
Conc: 20.17 ug/ml



#8 n-Octadecane (C18)

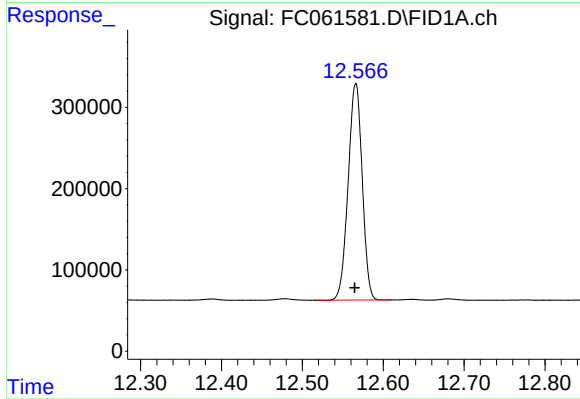
R.T.: 11.256 min
Delta R.T.: 0.001 min
Response: 3217760
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

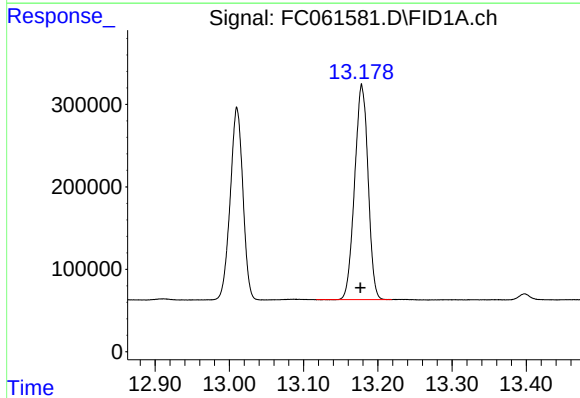
R.T.: 11.572 min
Delta R.T.: 0.001 min
Response: 3467812
Conc: 20.29 ug/ml

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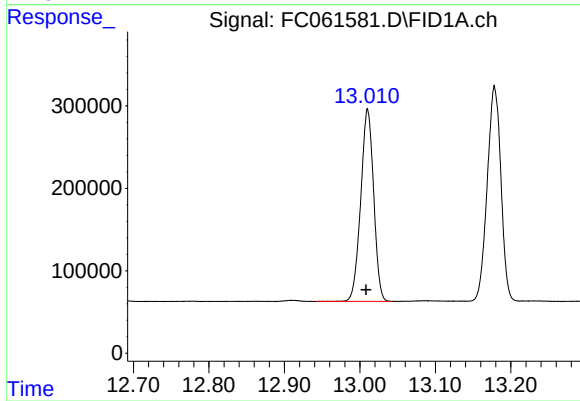
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: 0.001 min
Response: 3227162
Conc: 20.25 ug/ml



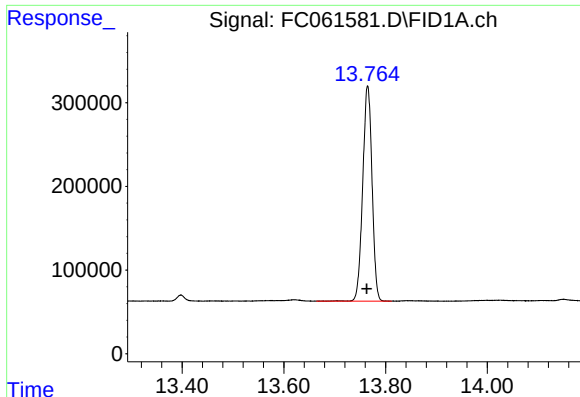
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: 0.002 min
Response: 3278257
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.010 min
Delta R.T.: 0.002 min
Response: 2772861
Conc: 20.30 ug/ml



#13 n-Docosane (C22)

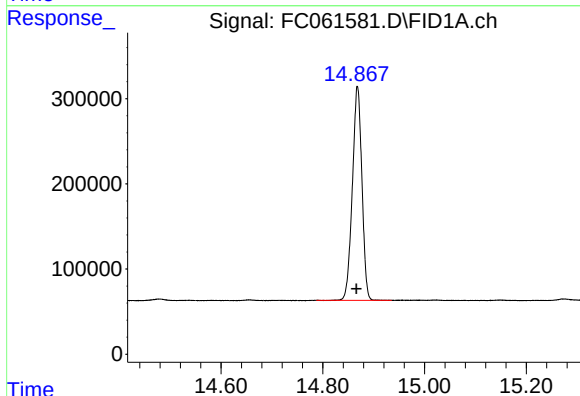
R.T.: 13.765 min
Delta R.T.: 0.002 min
Response: 3272807
Conc: 20.37 ug/ml

Instrument :

FID_C

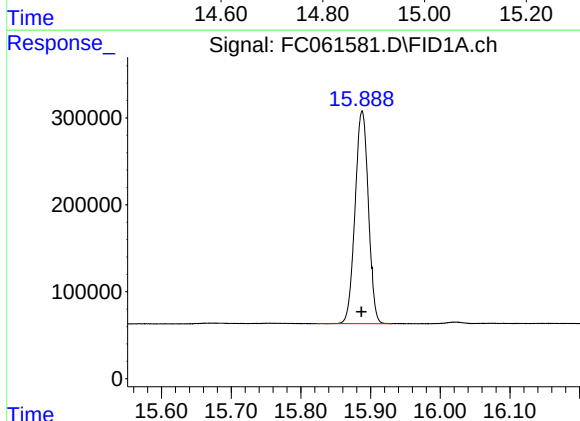
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



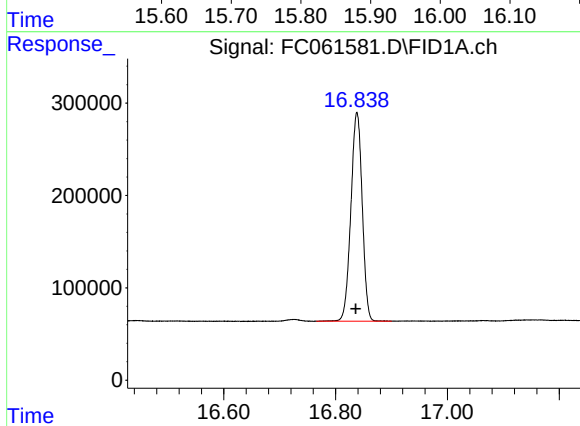
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.002 min
Response: 3273100
Conc: 20.43 ug/ml



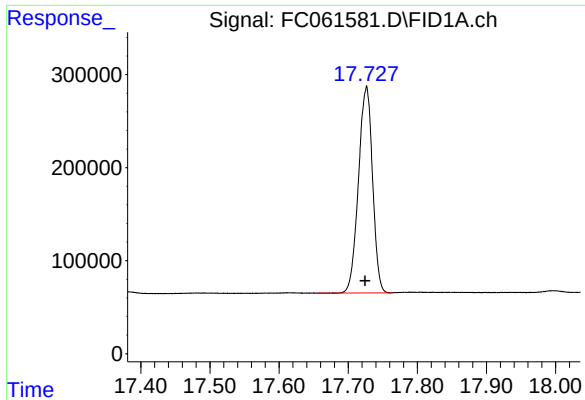
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.001 min
Response: 3250151
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

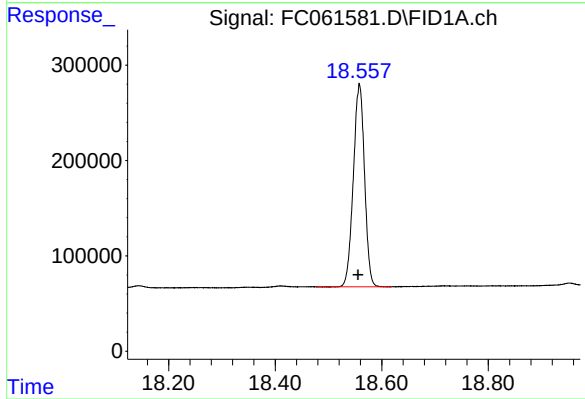
R.T.: 16.838 min
Delta R.T.: 0.002 min
Response: 3184260
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

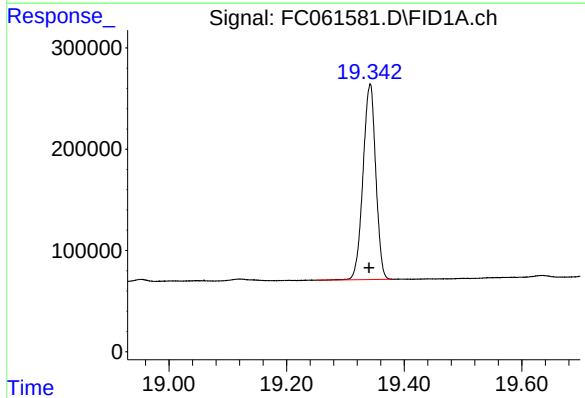
R.T.: 17.726 min
Delta R.T.: 0.002 min
Response: 3130825
Conc: 20.34 ug/ml

Instrument :
FID_C
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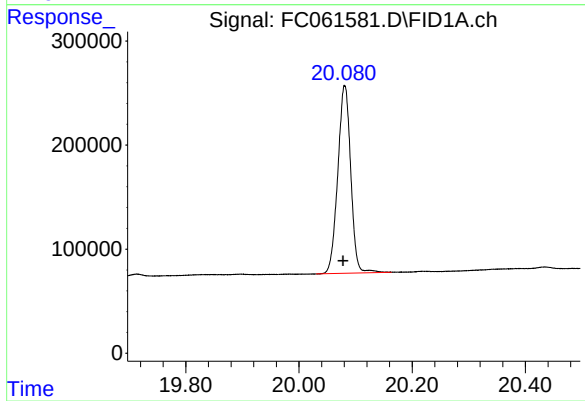
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.002 min
Response: 3106104
Conc: 20.54 ug/ml



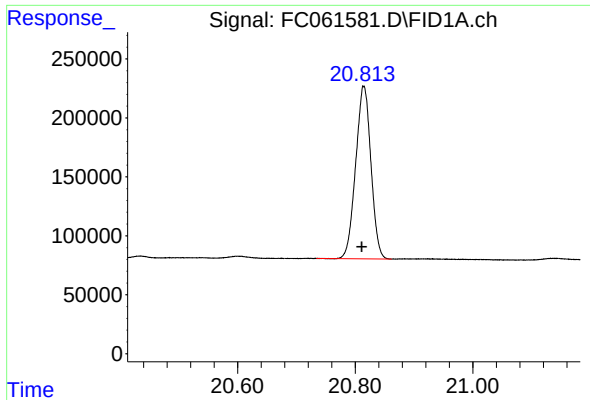
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: 0.002 min
Response: 2901794
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

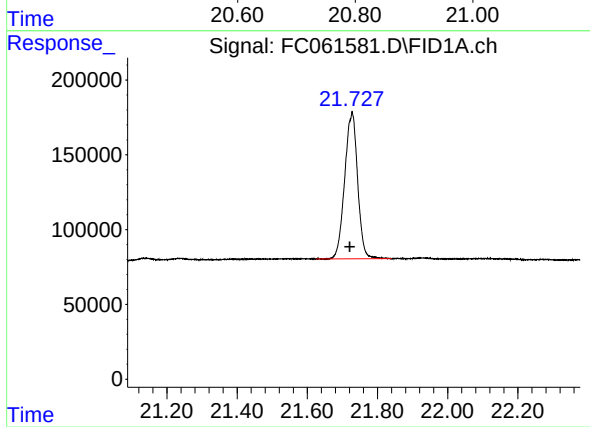
R.T.: 20.081 min
Delta R.T.: 0.003 min
Response: 2863763
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.003 min
Response: 2637912
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: 0.006 min
Response: 2507412
Conc: 20.52 ug/ml