

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101222AL\
 Data File : FC061777.D
 Signal(s) : FID1A.ch
 Acq On : 13 Oct 2022 09:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 13 11:44:58 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)	11.588	3253623	19.039 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	13.025	2580246	18.888 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
Target Compounds			
1) T n-Nonane (C9)	3.346	2911387	19.504 ug/ml
2) T n-Decane (C10)	4.412	2988253	19.810 ug/ml
3) T A~Naphthalene (C11.7)	5.998	3268937	19.712 ug/ml
4) T n-Dodecane (C12)	6.428	3051279	20.066 ug/ml
5) T A~2-methylnaphthalene...	7.053	3218616	19.567 ug/ml
6) T n-Tetradecane (C14)	8.226	3079225	20.197 ug/ml
7) T n-Hexadecane (C16)	9.827	3123582	20.201 ug/ml
8) T n-Octadecane (C18)	11.270	3149796	19.980 ug/ml
10) T n-Eicosane (C20)	12.580	3135976	19.679 ug/ml
11) T n-Heneicosane (C21)	13.192	3070304	19.137 ug/ml
13) T n-Docosane (C22)	13.778	3128508	19.473 ug/ml
14) T n-Tetracosane (C24)	14.881	3165016	19.758 ug/ml
15) T n-Hexacosane (C26)	15.903	3116191	19.657 ug/ml
16) T n-Octacosane (C28)	16.853	3013937	19.445 ug/ml
17) T n-Tricontane (C30)	17.740	3026766	19.668 ug/ml
18) T n-Dotriacontane (C32)	18.572	2905374	19.215 ug/ml
19) T n-Tetratriacontane (C34)	19.356	2604227	18.367 ug/ml
20) T n-Hexatriacontane (C36)	20.094	2560394	18.546 ug/ml
21) T n-Octatriacontane (C38)	20.833	2430079	18.764 ug/ml
22) T n-Tetracontane (C40)	21.748	2392173	19.575 ug/ml

(f)=RT Delta > 1/2 Window

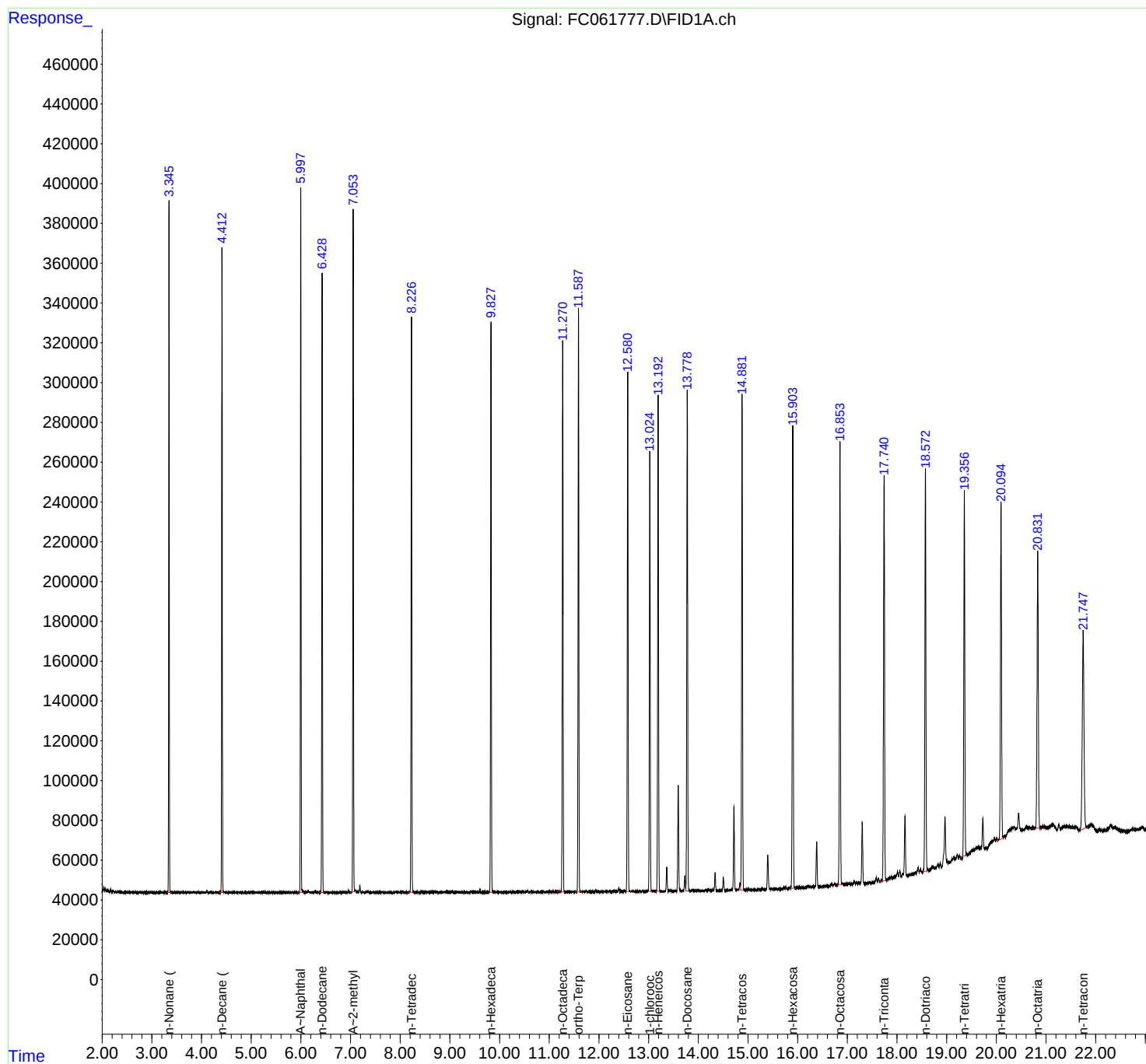
(m)=manual int.

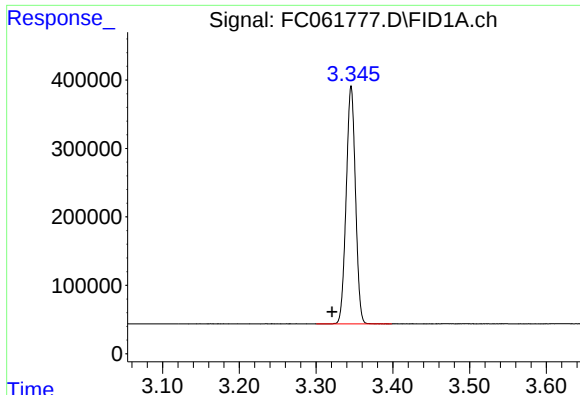
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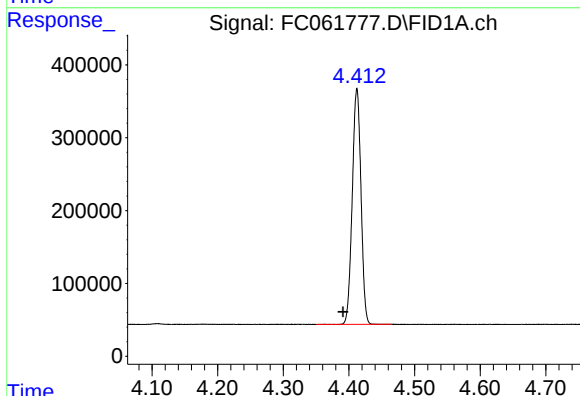




#1 n-Nonane (C9)

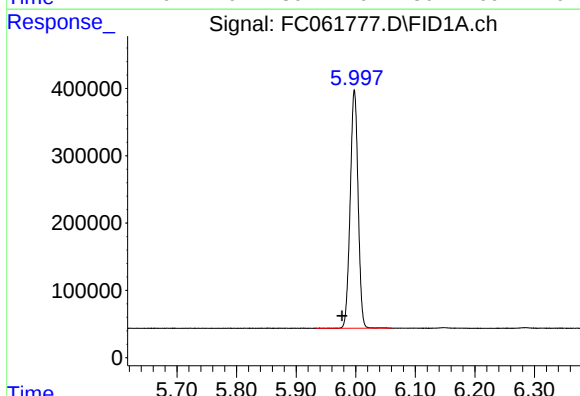
R.T.: 3.346 min
Delta R.T.: 0.025 min
Response: 2911387
Conc: 19.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



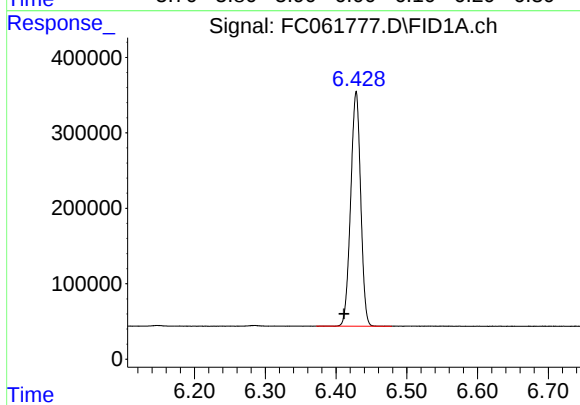
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: 0.021 min
Response: 2988253
Conc: 19.81 ug/ml



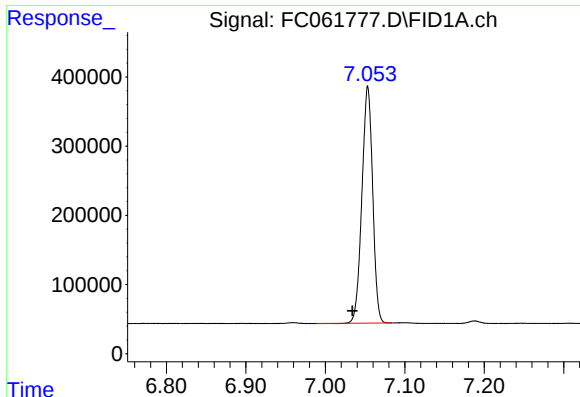
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: 0.020 min
Response: 3268937
Conc: 19.71 ug/ml



#4 n-Dodecane (C12)

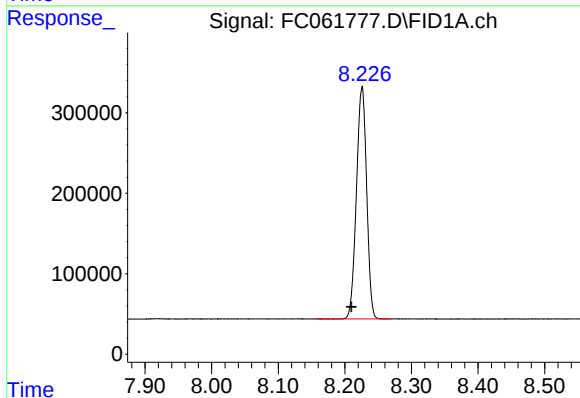
R.T.: 6.428 min
Delta R.T.: 0.017 min
Response: 3051279
Conc: 20.07 ug/ml



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

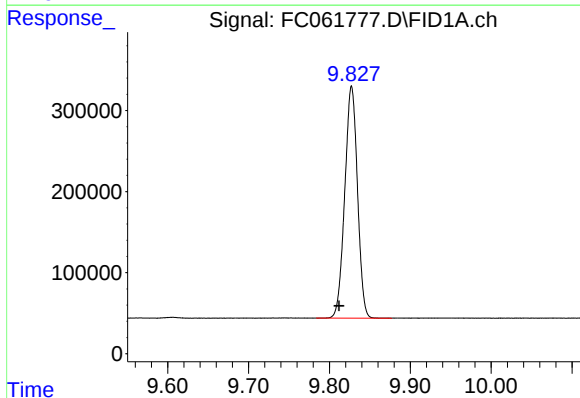
R.T.: 7.053 min
Delta R.T.: 0.019 min
Response: 3218616
Conc: 19.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



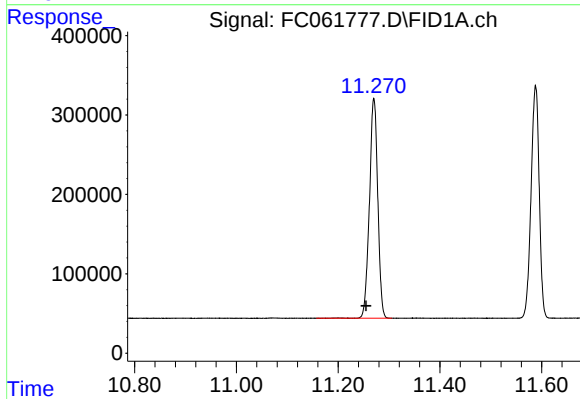
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: 0.016 min
Response: 3079225
Conc: 20.20 ug/ml



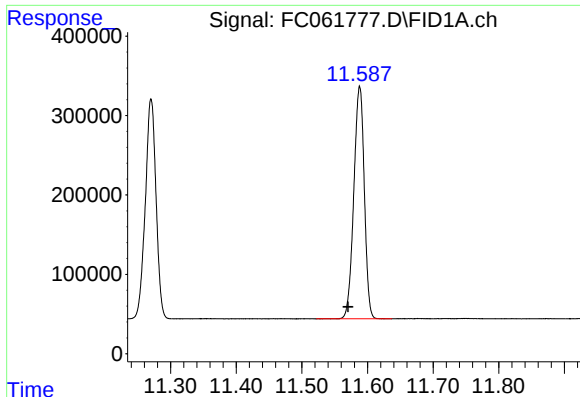
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.015 min
Response: 3123582
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

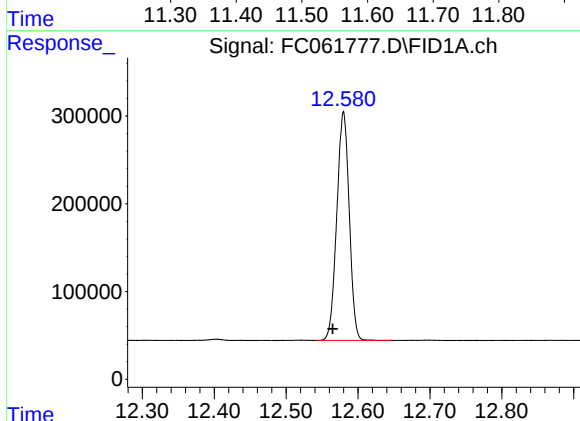
R.T.: 11.270 min
Delta R.T.: 0.016 min
Response: 3149796
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

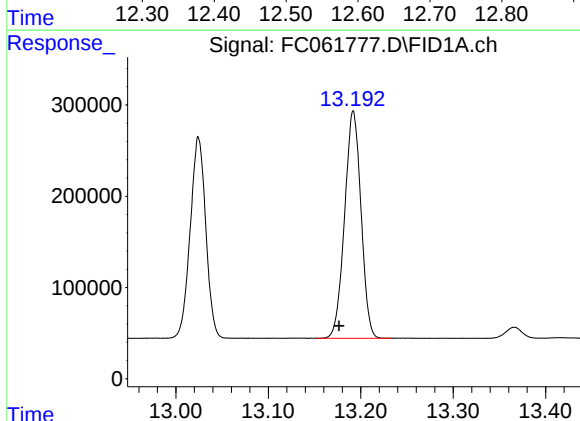
R.T.: 11.588 min
Delta R.T.: 0.017 min
Response: 3253623
Conc: 19.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



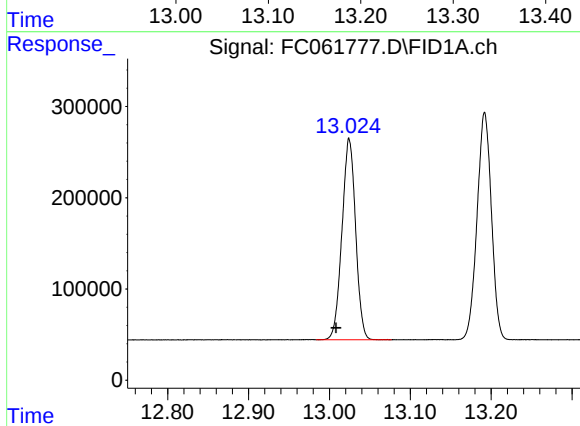
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.015 min
Response: 3135976
Conc: 19.68 ug/ml



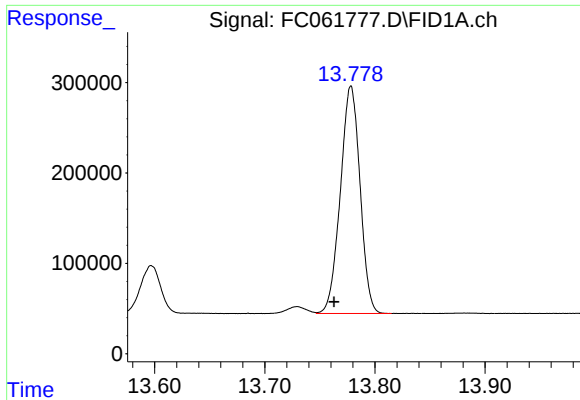
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: 0.015 min
Response: 3070304
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

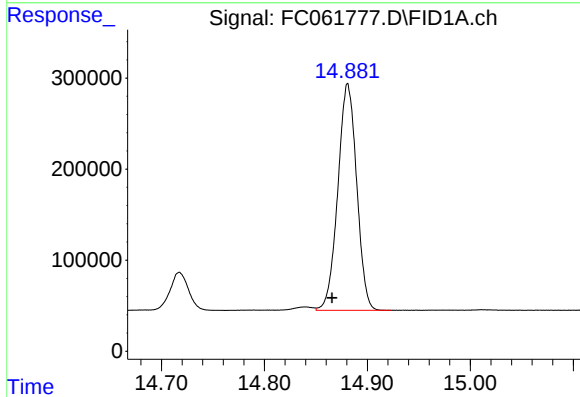
R.T.: 13.025 min
Delta R.T.: 0.016 min
Response: 2580246
Conc: 18.89 ug/ml



#13 n-Docosane (C22)

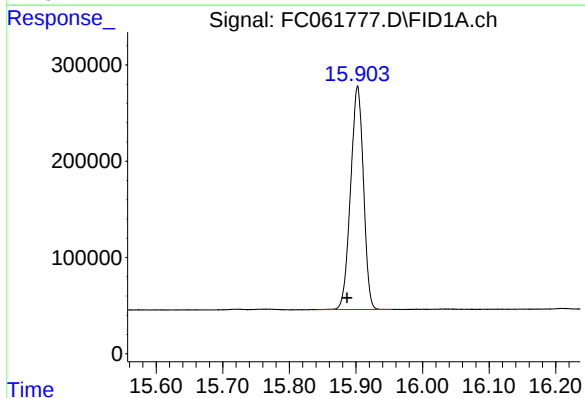
R.T.: 13.778 min
Delta R.T.: 0.015 min
Response: 3128508
Conc: 19.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



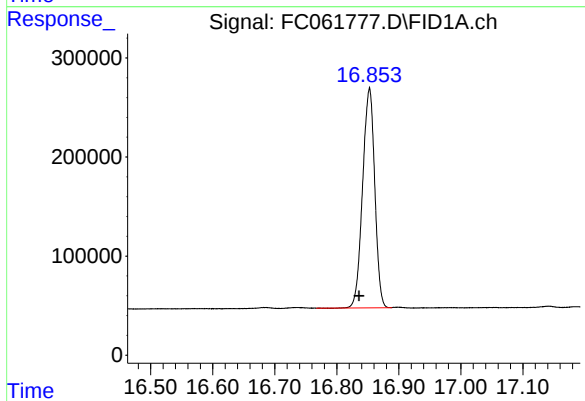
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: 0.015 min
Response: 3165016
Conc: 19.76 ug/ml



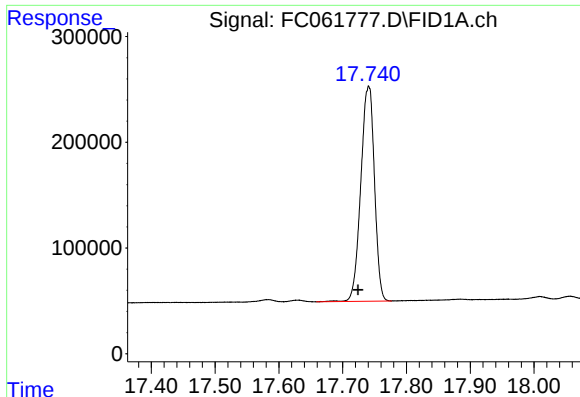
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: 0.016 min
Response: 3116191
Conc: 19.66 ug/ml



#16 n-Octacosane (C28)

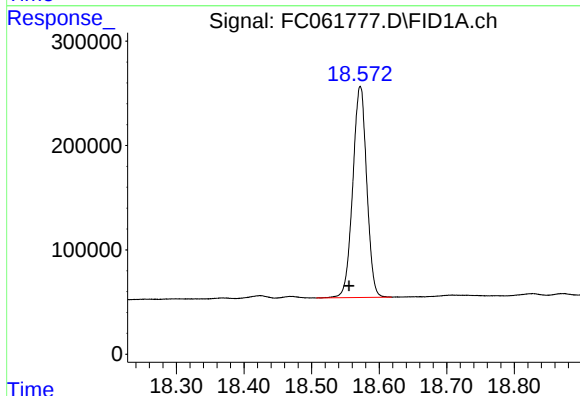
R.T.: 16.853 min
Delta R.T.: 0.016 min
Response: 3013937
Conc: 19.45 ug/ml



#17 n-Tricontane (C30)

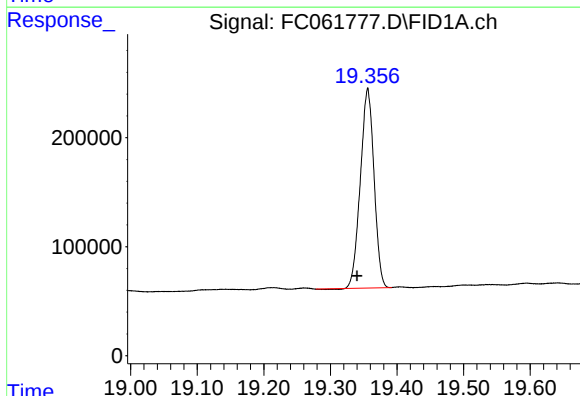
R.T.: 17.740 min
Delta R.T.: 0.016 min
Response: 3026766
Conc: 19.67 ug/ml

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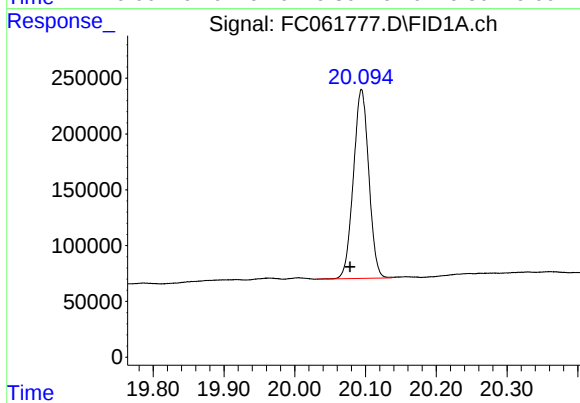
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: 0.016 min
Response: 2905374
Conc: 19.21 ug/ml



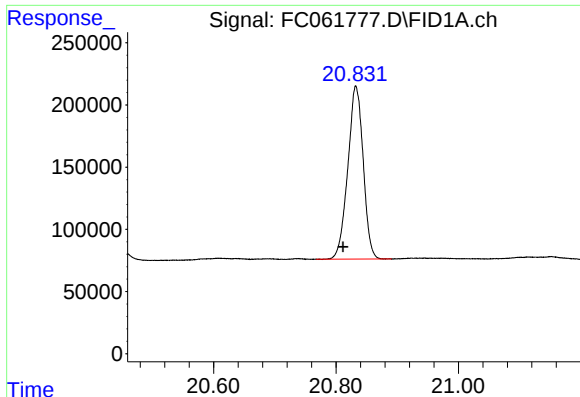
#19 n-Tetratriacontane (C34)

R.T.: 19.356 min
Delta R.T.: 0.016 min
Response: 2604227
Conc: 18.37 ug/ml



#20 n-Hexatriacontane (C36)

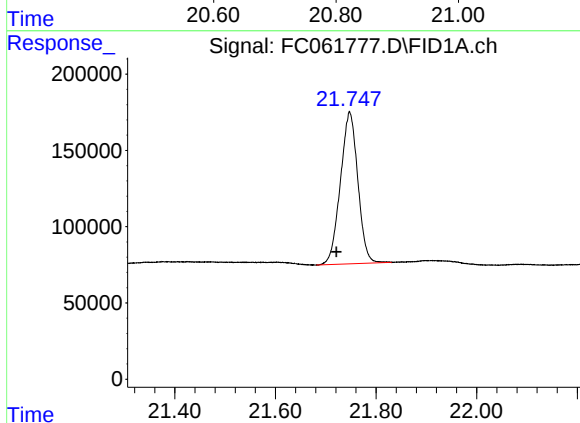
R.T.: 20.094 min
Delta R.T.: 0.016 min
Response: 2560394
Conc: 18.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: 0.021 min
Response: 2430079
Conc: 18.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.748 min
Delta R.T.: 0.026 min
Response: 2392173
Conc: 19.57 ug/ml