

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
 Data File : FC066281.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2024 19:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 02 09:04:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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)	11.562	3415658	20.659 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
12) S 1-chlorooctadecane (S...	13.001	2553070	20.814 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
Target Compounds			
1) T n-Nonane (C9)	3.323	3081135	20.401 ug/ml
2) T n-Decane (C10)	4.388	3127417	20.336 ug/ml
3) T A~Naphthalene (C11.7)	5.970	3461598	20.375 ug/ml
4) T n-Dodecane (C12)	6.407	3122358	20.317 ug/ml
5) T A~2-methylnaphthalene...	7.026	3352461	20.341 ug/ml
6) T n-Tetradecane (C14)	8.202	3104162	20.511 ug/ml
7) T n-Hexadecane (C16)	9.805	3143496	20.558 ug/ml
8) T n-Octadecane (C18)	11.248	3141056	20.693 ug/ml
10) T n-Eicosane (C20)	12.557	2998199	20.842 ug/ml
11) T n-Heneicosane (C21)	13.170	2926066	20.816 ug/ml
13) T n-Docosane (C22)	13.756	2910806	20.791 ug/ml
14) T n-Tetracosane (C24)	14.859	2903129	20.622 ug/ml
15) T n-Hexacosane (C26)	15.881	2816662	20.592 ug/ml
16) T n-Octacosane (C28)	16.831	2768520	20.673 ug/ml
17) T n-Tricontane (C30)	17.720	2796362	20.750 ug/ml
18) T n-Dotriacontane (C32)	18.552	2689580	20.889 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2493523	21.075 ug/ml
20) T n-Hexatriacontane (C36)	20.076	2318719	20.173 ug/ml
21) T n-Octatriacontane (C38)	20.813	2241132	20.822 ug/ml
22) T n-Tetracontane (C40)	21.723	2207597	20.587 ug/ml

(f)=RT Delta > 1/2 Window

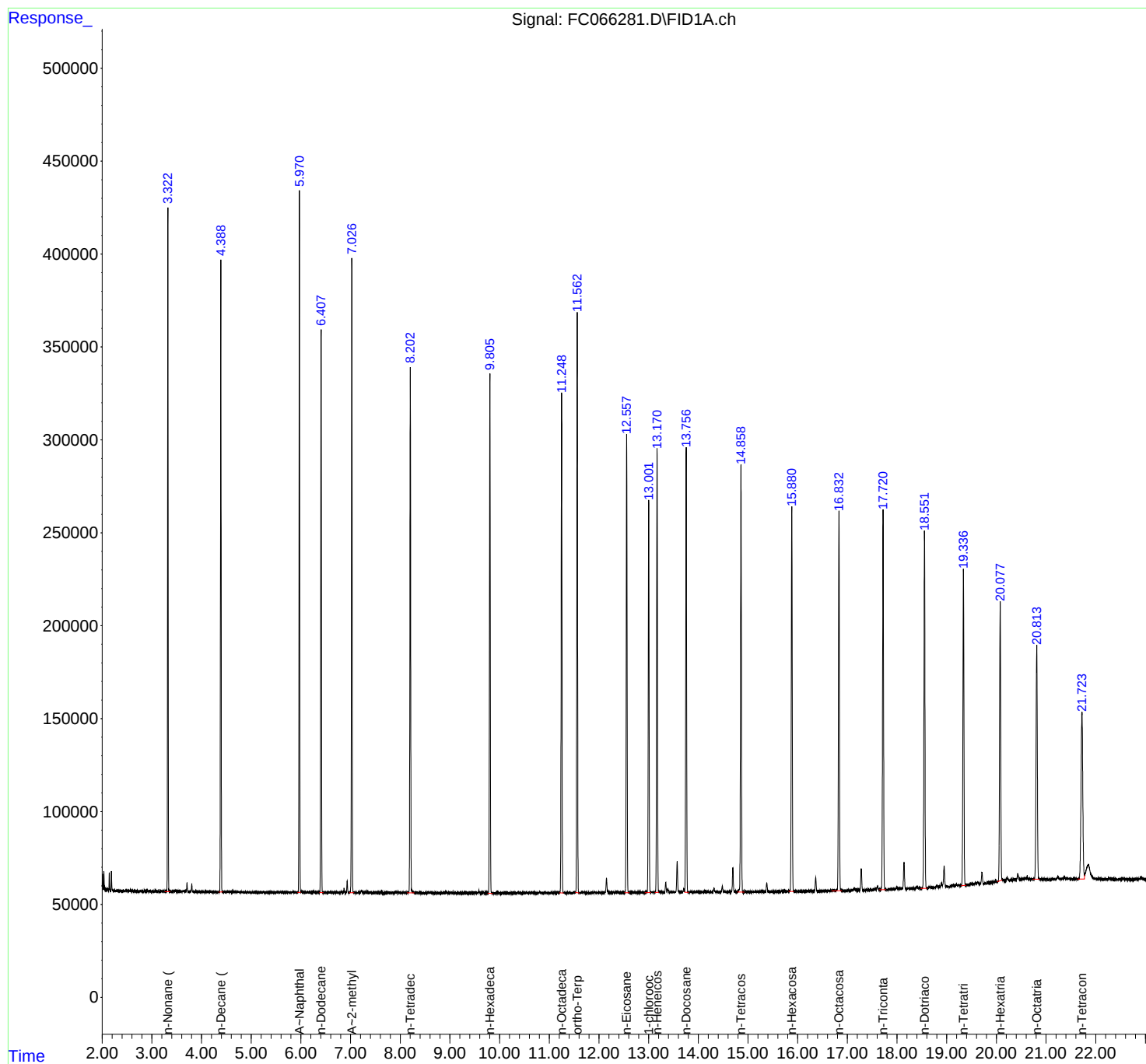
(m)=manual int.

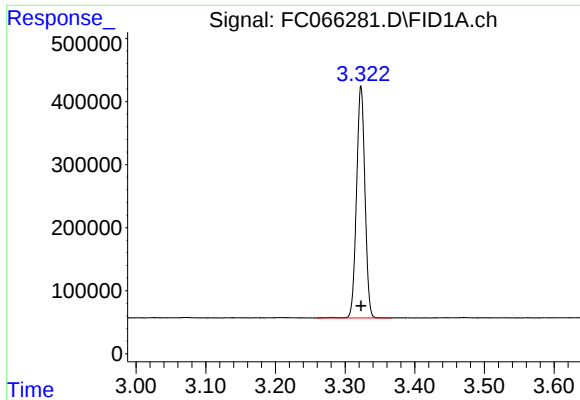
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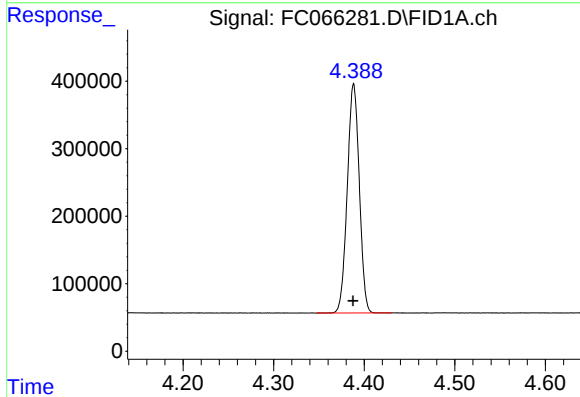




#1 n-Nonane (C9)

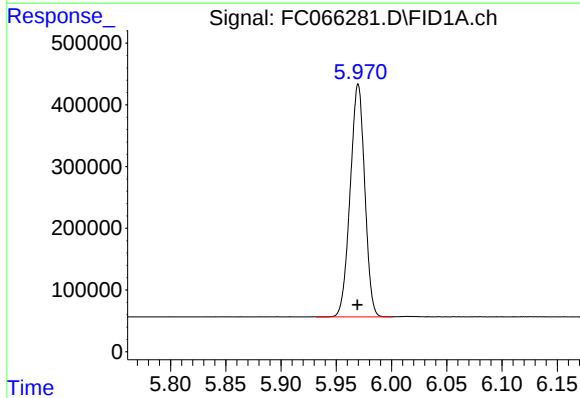
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 3081135
Conc: 20.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



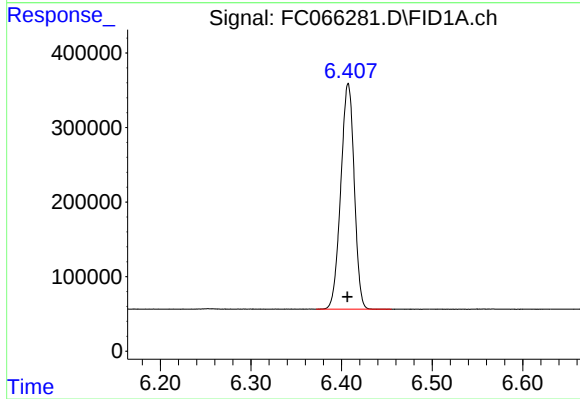
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.000 min
Response: 3127417
Conc: 20.34 ug/ml



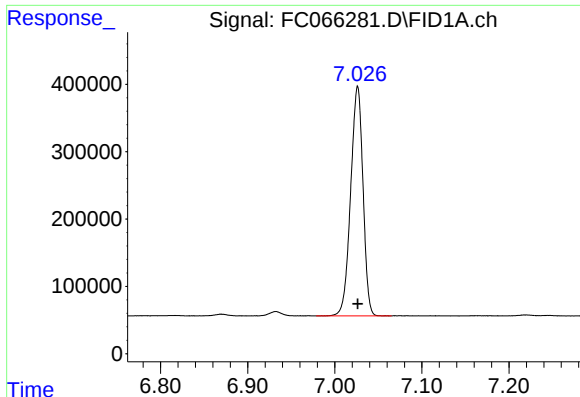
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 3461598
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

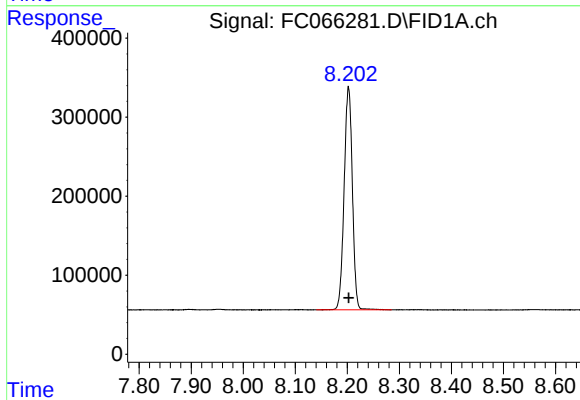
R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 3122358
Conc: 20.32 ug/ml



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

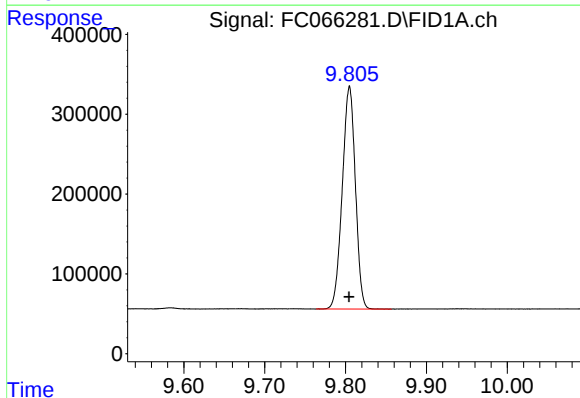
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 3352461
Conc: 20.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



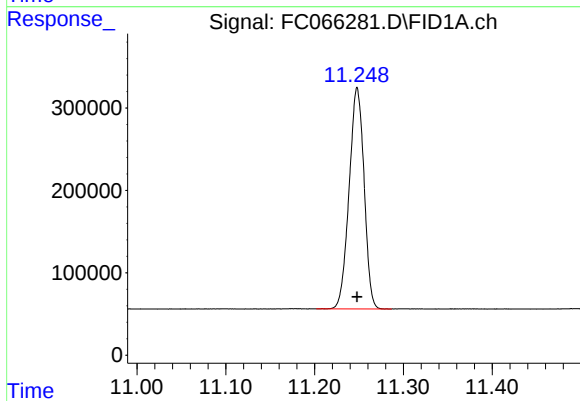
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 3104162
Conc: 20.51 ug/ml



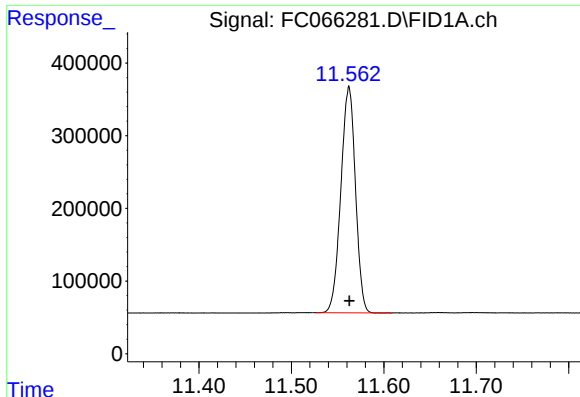
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: 0.000 min
Response: 3143496
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

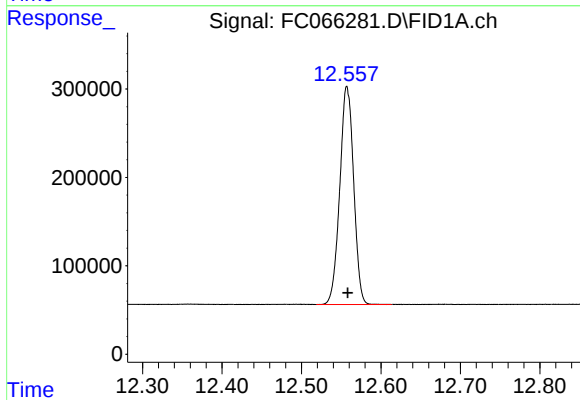
R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 3141056
Conc: 20.69 ug/ml



#9 ortho-Terphenyl (SURR)

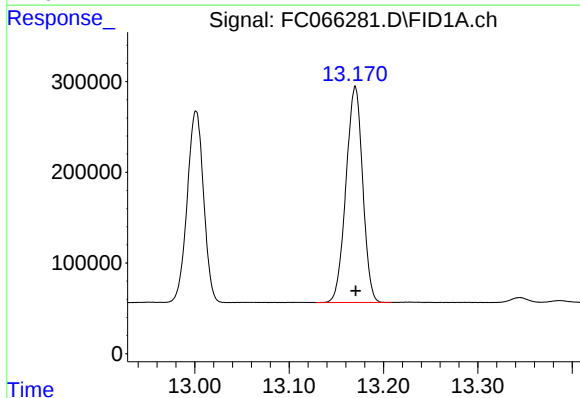
R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 3415658
Conc: 20.66 ug/ml

Instrument :
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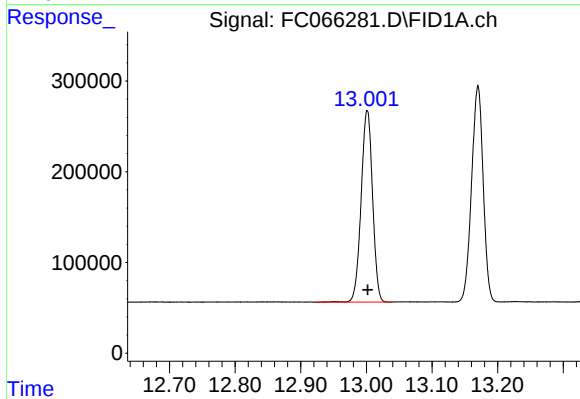
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.000 min
Response: 2998199
Conc: 20.84 ug/ml



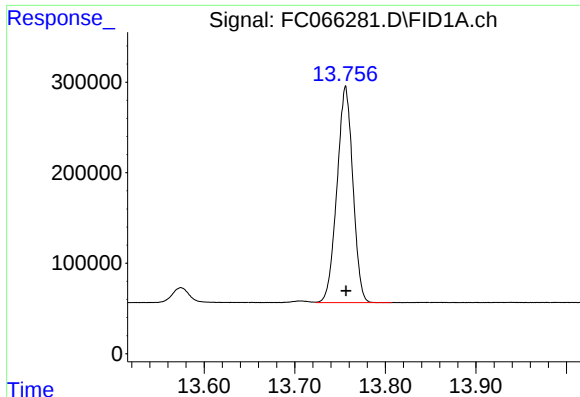
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 2926066
Conc: 20.82 ug/ml



#12 1-chlorooctadecane (SURR)

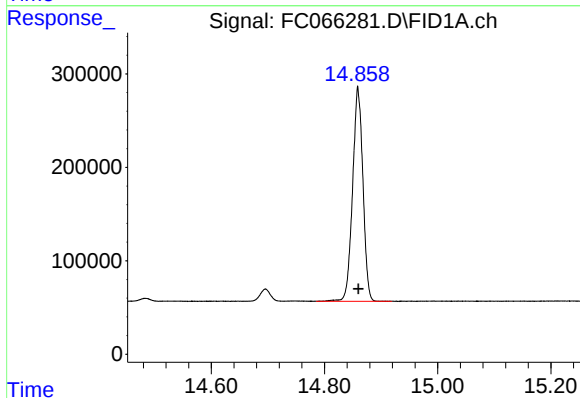
R.T.: 13.001 min
Delta R.T.: 0.000 min
Response: 2553070
Conc: 20.81 ug/ml



#13 n-Docosane (C22)

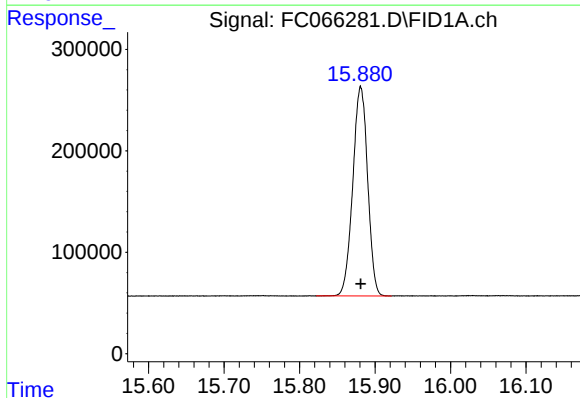
R.T.: 13.756 min
Delta R.T.: 0.000 min
Response: 2910806
Conc: 20.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



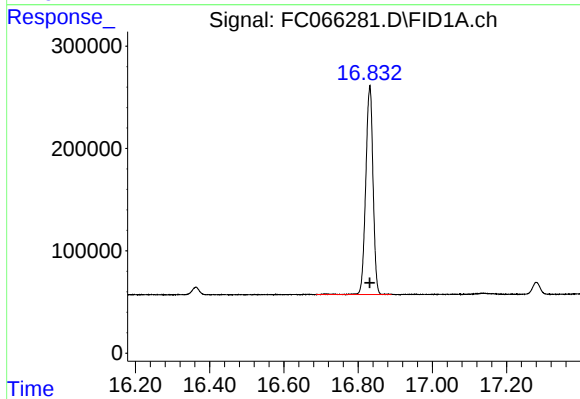
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 2903129
Conc: 20.62 ug/ml



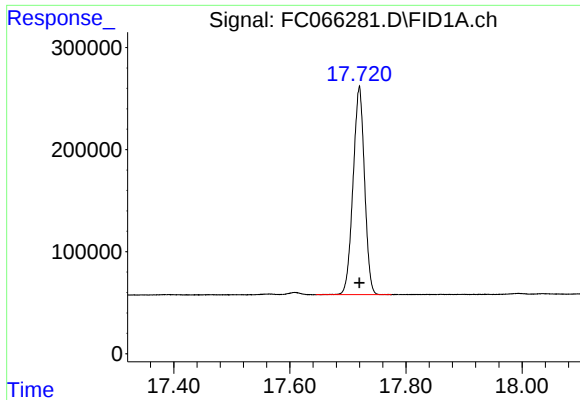
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 2816662
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

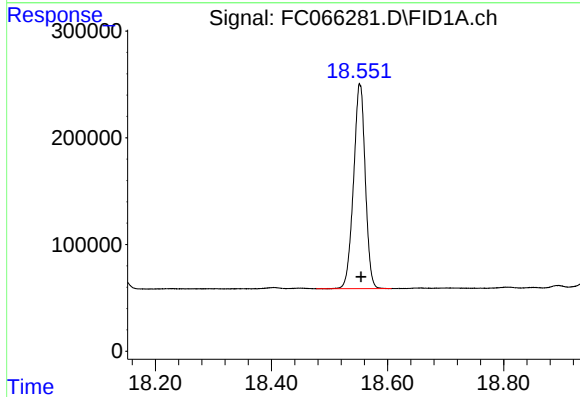
R.T.: 16.831 min
Delta R.T.: 0.000 min
Response: 2768520
Conc: 20.67 ug/ml



#17 n-Tricontane (C30)

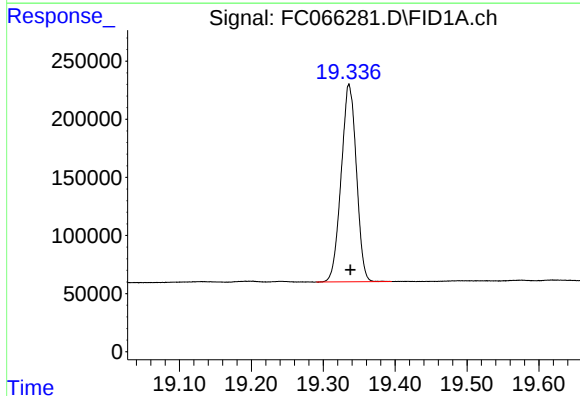
R.T.: 17.720 min
Delta R.T.: 0.000 min
Response: 2796362
Conc: 20.75 ug/ml

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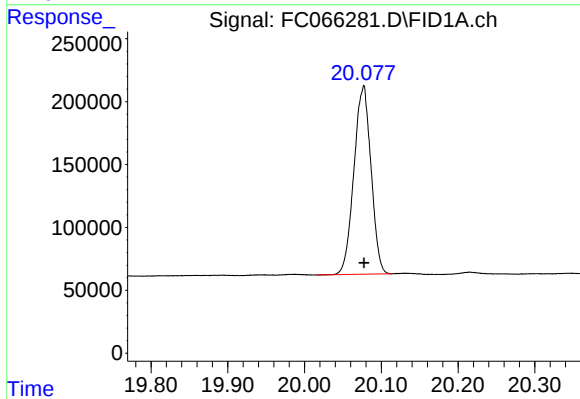
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.002 min
Response: 2689580
Conc: 20.89 ug/ml



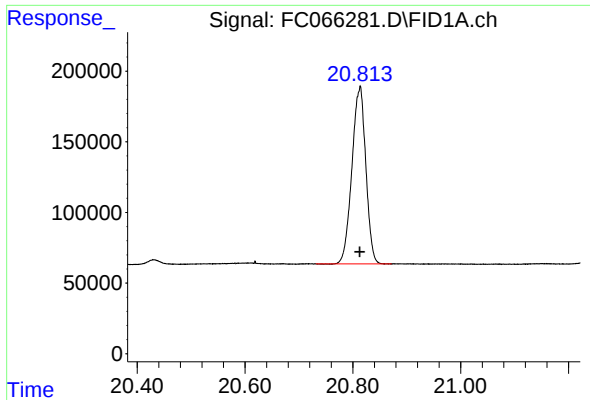
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.002 min
Response: 2493523
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

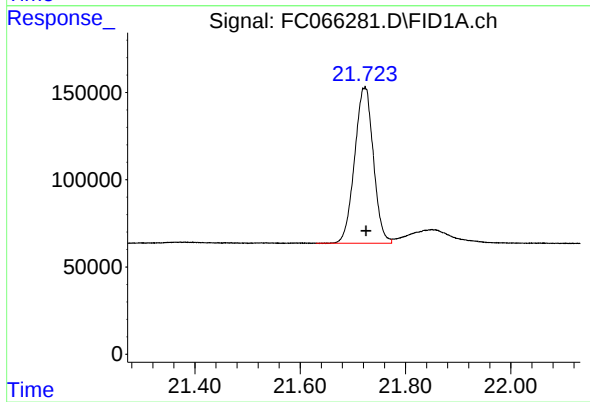
R.T.: 20.076 min
Delta R.T.: -0.001 min
Response: 2318719
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.000 min
Response: 2241132
Conc: 20.82 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.002 min
Response: 2207597
Conc: 20.59 ug/ml