

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050724AL\
 Data File : FC066329.D
 Signal(s) : FID1A.ch
 Acq On : 07 May 2024 19:31
 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: May 08 02:36:49 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	2860752	17.303 ug/ml
Spiked Amount 50.000		Recovery =	34.61%
12) S 1-chlorooctadecane (S...	13.001	2142866	17.470 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
Target Compounds			
1) T n-Nonane (C9)	3.320	2545560	16.855 ug/ml
2) T n-Decane (C10)	4.387	2593952	16.867 ug/ml
3) T A~Naphthalene (C11.7)	5.969	2878152	16.941 ug/ml
4) T n-Dodecane (C12)	6.406	2591307	16.861 ug/ml
5) T A~2-methylnaphthalene...	7.025	2787640	16.914 ug/ml
6) T n-Tetradecane (C14)	8.203	2548982	16.843 ug/ml
7) T n-Hexadecane (C16)	9.804	2622781	17.153 ug/ml
8) T n-Octadecane (C18)	11.248	2633772	17.351 ug/ml
10) T n-Eicosane (C20)	12.558	2526777	17.565 ug/ml
11) T n-Heneicosane (C21)	13.170	2479387	17.639 ug/ml
13) T n-Docosane (C22)	13.756	2470043	17.642 ug/ml
14) T n-Tetracosane (C24)	14.859	2449598	17.400 ug/ml
15) T n-Hexacosane (C26)	15.881	2375767	17.369 ug/ml
16) T n-Octacosane (C28)	16.830	2301797	17.188 ug/ml
17) T n-Tricontane (C30)	17.719	2322674	17.235 ug/ml
18) T n-Dotriacontane (C32)	18.552	2274856	17.668 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2229545	18.844 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2277103	19.810 ug/ml
21) T n-Octatriacontane (C38)	20.811	2407695	22.369 ug/ml
22) T n-Tetracontane (C40)	21.722	2477038	23.100 ug/ml

(f)=RT Delta > 1/2 Window

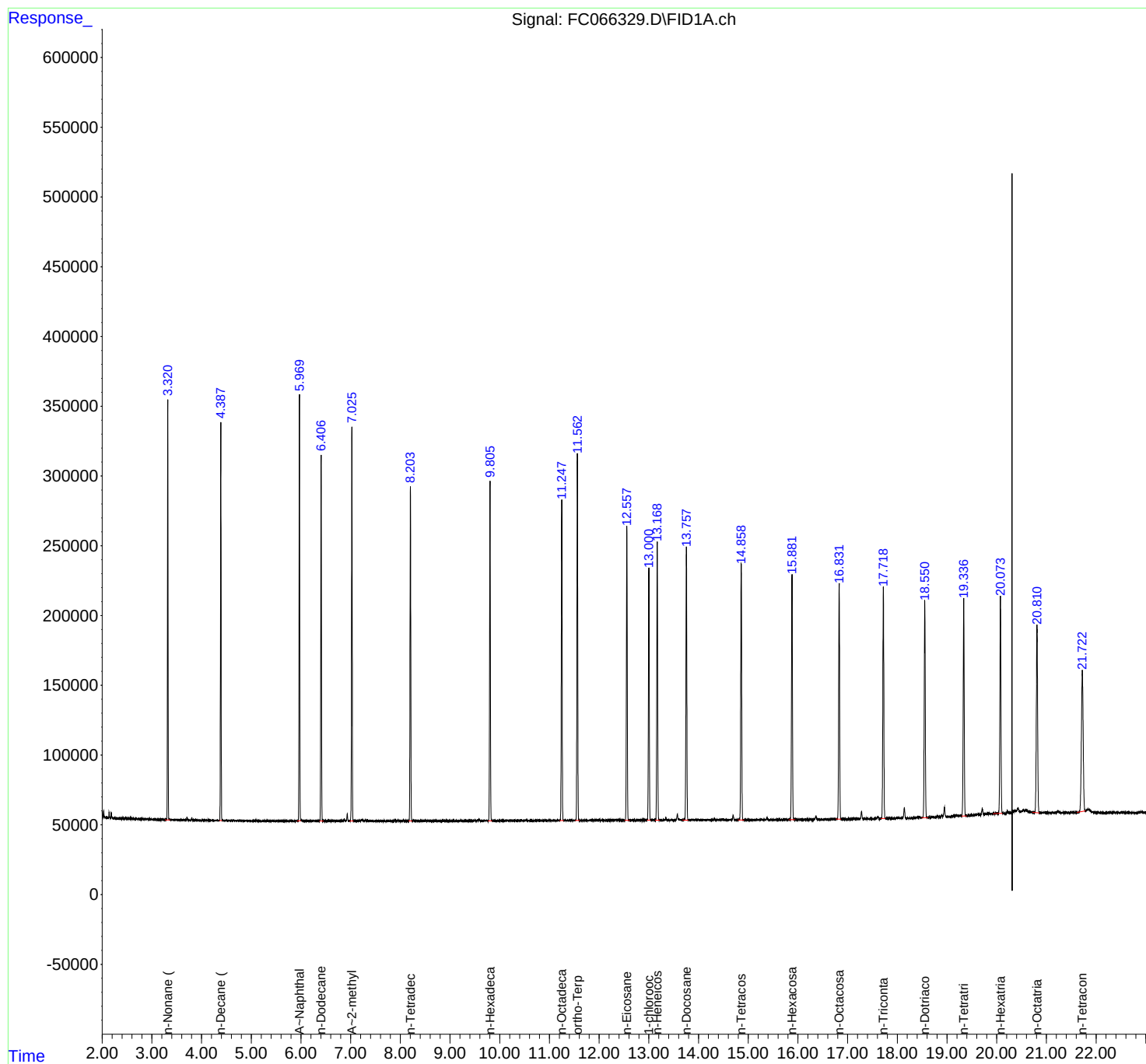
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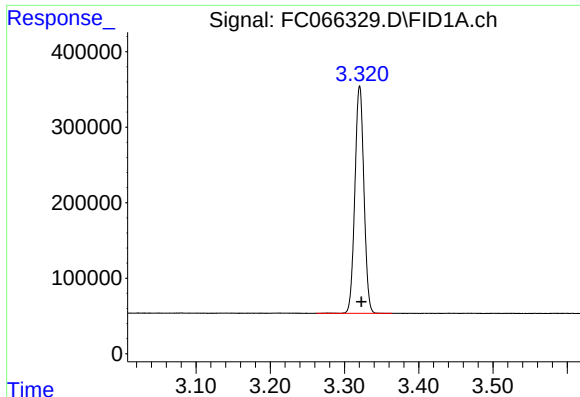
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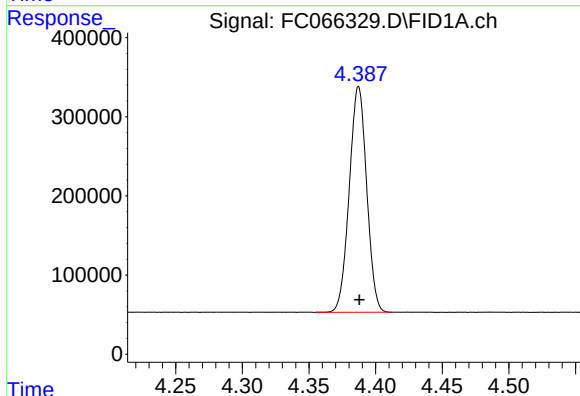




#1 n-Nonane (C9)

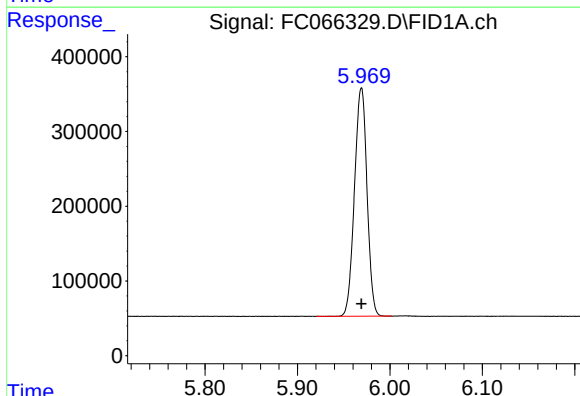
R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 2545560
Conc: 16.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



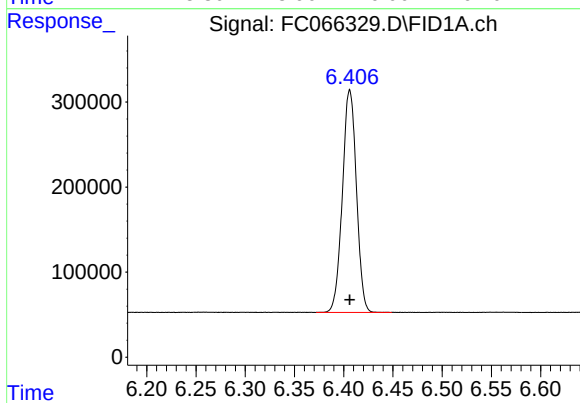
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: 0.000 min
Response: 2593952
Conc: 16.87 ug/ml



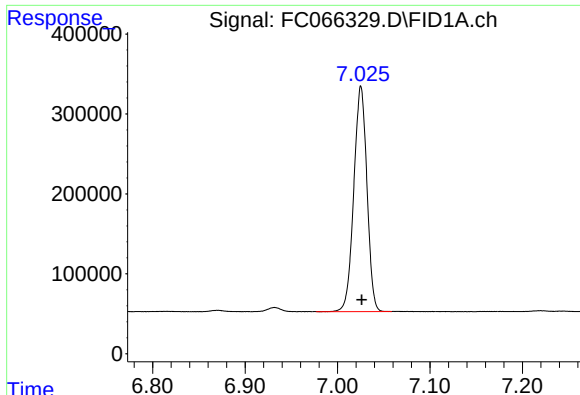
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 2878152
Conc: 16.94 ug/ml



#4 n-Dodecane (C12)

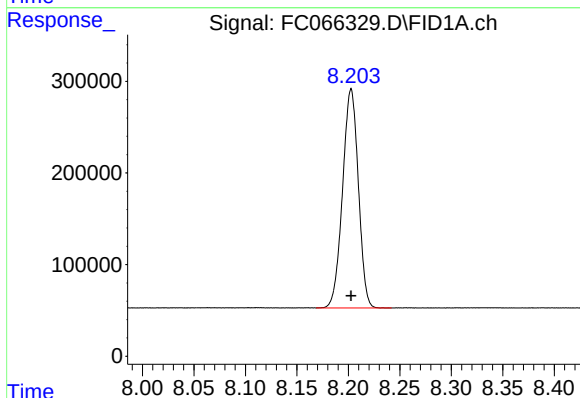
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 2591307
Conc: 16.86 ug/ml



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

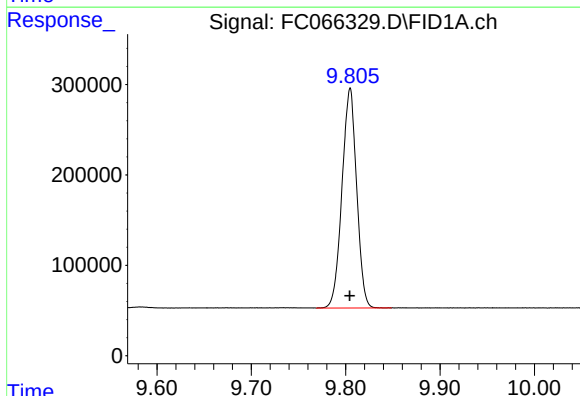
R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 2787640
Conc: 16.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



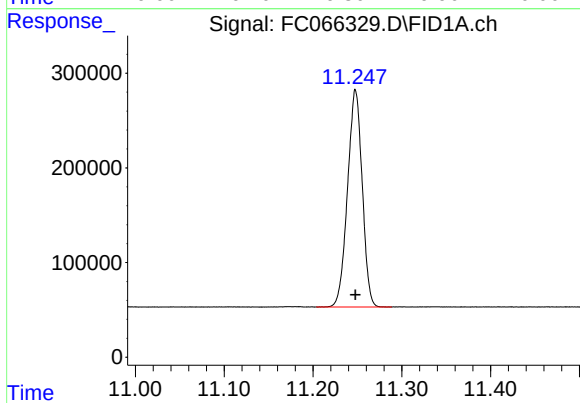
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 2548982
Conc: 16.84 ug/ml



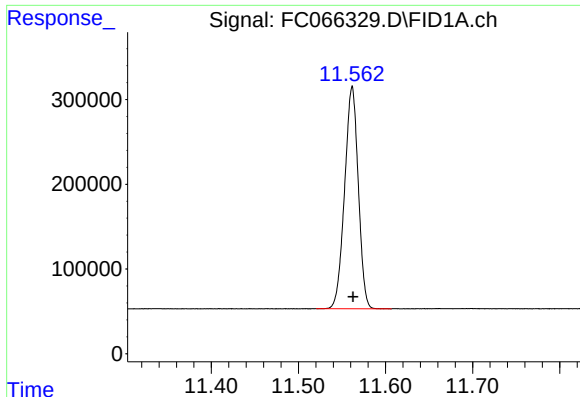
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 2622781
Conc: 17.15 ug/ml



#8 n-Octadecane (C18)

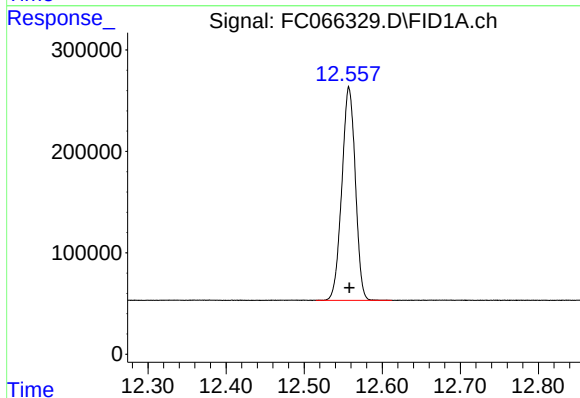
R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 2633772
Conc: 17.35 ug/ml



#9 ortho-Terphenyl (SURR)

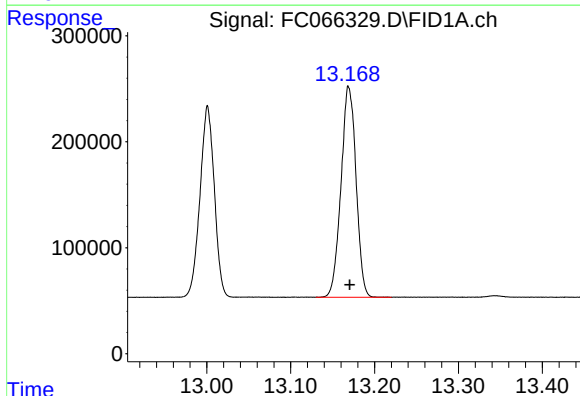
R.T.: 11.562 min
Delta R.T.: -0.001 min
Response: 2860752
Conc: 17.30 ug/ml

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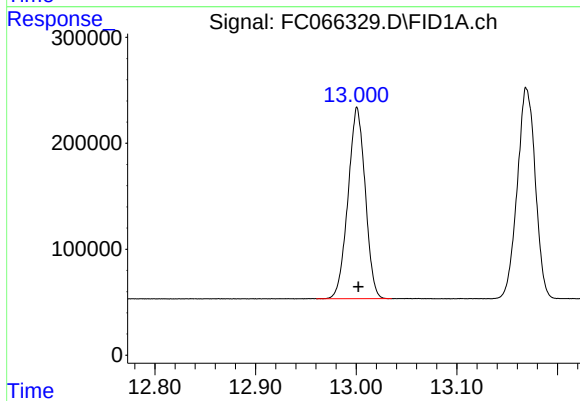
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 2526777
Conc: 17.56 ug/ml



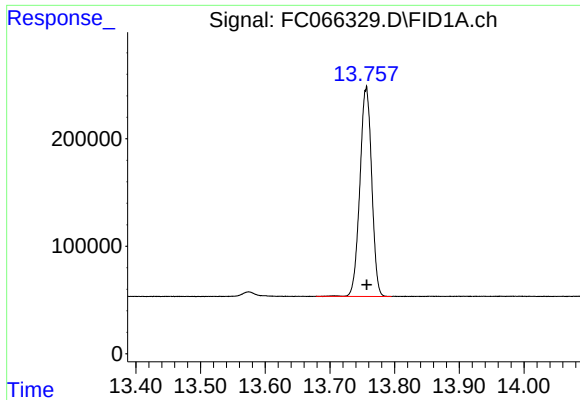
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 2479387
Conc: 17.64 ug/ml



#12 1-chlorooctadecane (SURR)

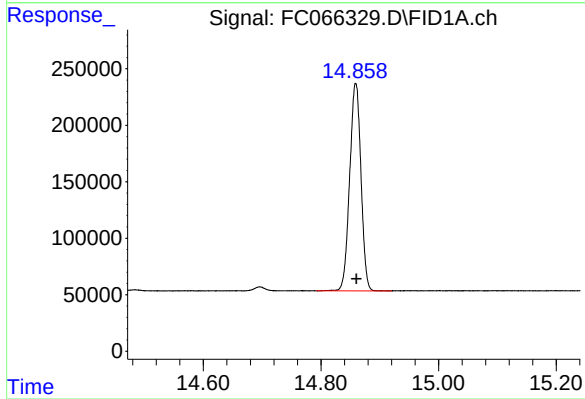
R.T.: 13.001 min
Delta R.T.: -0.001 min
Response: 2142866
Conc: 17.47 ug/ml



#13 n-Docosane (C22)

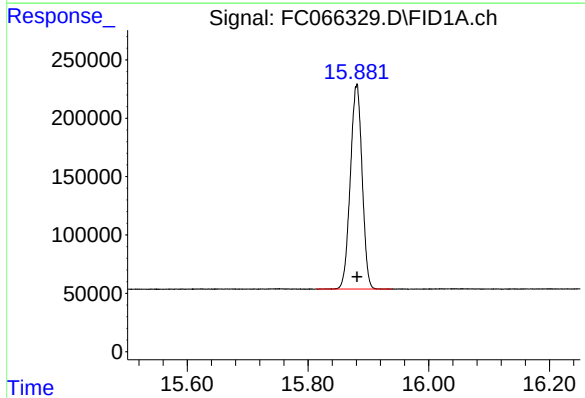
R.T.: 13.756 min
Delta R.T.: 0.000 min
Response: 2470043
Conc: 17.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



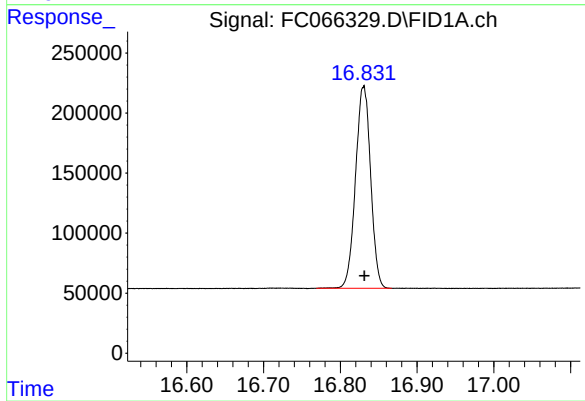
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.001 min
Response: 2449598
Conc: 17.40 ug/ml



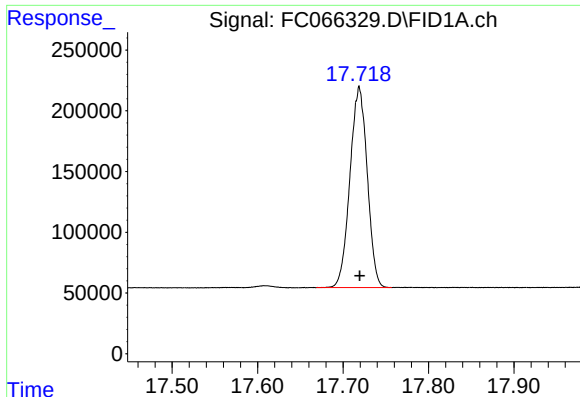
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 2375767
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

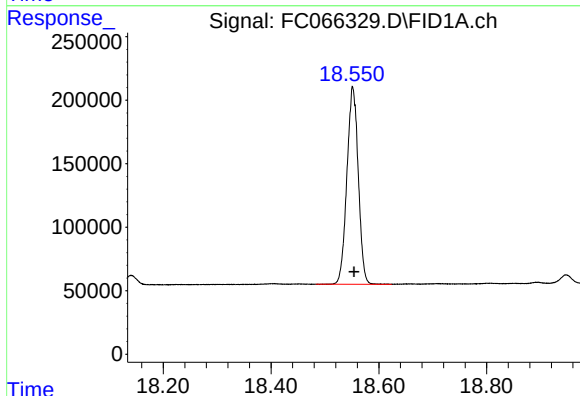
R.T.: 16.830 min
Delta R.T.: 0.000 min
Response: 2301797
Conc: 17.19 ug/ml



#17 n-Tricontane (C30)

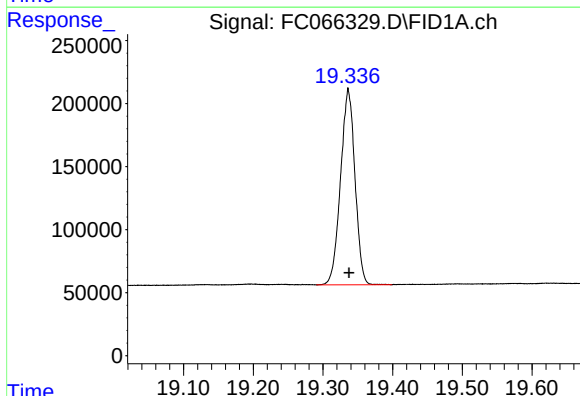
R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 2322674
Conc: 17.24 ug/ml

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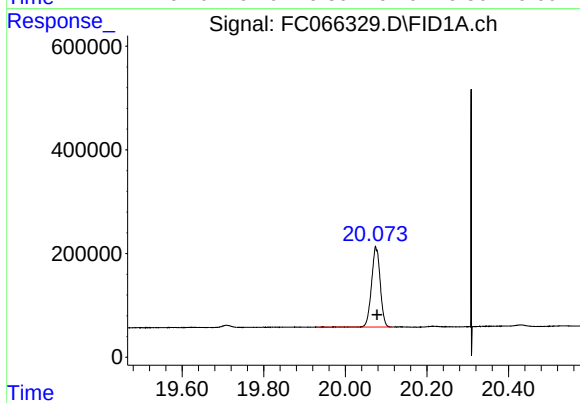
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.002 min
Response: 2274856
Conc: 17.67 ug/ml



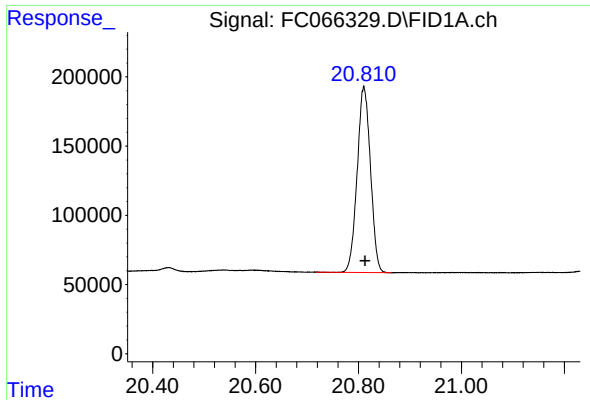
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.001 min
Response: 2229545
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

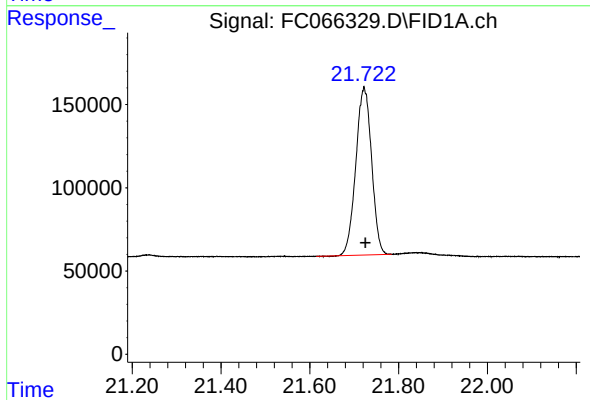
R.T.: 20.075 min
Delta R.T.: -0.002 min
Response: 2277103
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.002 min
Response: 2407695
Conc: 22.37 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.003 min
Response: 2477038
Conc: 23.10 ug/ml