

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071124AL\
 Data File : FC066757.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2024 13:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 12 02:52:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.525	3134696	18.173 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
12) S 1-chlorooctadecane (S...	12.964	2377195	17.229 ug/ml
Spiked Amount 50.000		Recovery =	34.46%
Target Compounds			
1) T n-Nonane (C9)	3.288	2766796	19.043 ug/ml
2) T n-Decane (C10)	4.355	2949726	19.775 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3207438	19.755 ug/ml
4) T n-Dodecane (C12)	6.374	2990275	19.730 ug/ml
5) T A~2-methylnaphthalene...	6.994	3094450	19.478 ug/ml
6) T n-Tetradecane (C14)	8.169	2944062	19.409 ug/ml
7) T n-Hexadecane (C16)	9.769	3034602	18.944 ug/ml
8) T n-Octadecane (C18)	11.212	3029186	18.256 ug/ml
10) T n-Eicosane (C20)	12.521	2875985	17.691 ug/ml
11) T n-Heneicosane (C21)	13.133	2805753	17.414 ug/ml
13) T n-Docosane (C22)	13.719	2783251	17.360 ug/ml
14) T n-Tetracosane (C24)	14.821	2765630	17.426 ug/ml
15) T n-Hexacosane (C26)	15.842	2695506	17.653 ug/ml
16) T n-Octacosane (C28)	16.791	2729617	18.923 ug/ml
17) T n-Tricontane (C30)	17.678	2942377	21.060 ug/ml
18) T n-Dotriacontane (C32)	18.510	2958819	22.420 ug/ml
19) T n-Tetratriacontane (C34)	19.295	2776554	22.451 ug/ml
20) T n-Hexatriacontane (C36)	20.034	2536729	21.048 ug/ml
21) T n-Octatriacontane (C38)	20.764	2409203	21.069 ug/ml
22) T n-Tetracontane (C40)	21.662	2320590	20.662 ug/ml

(f)=RT Delta > 1/2 Window

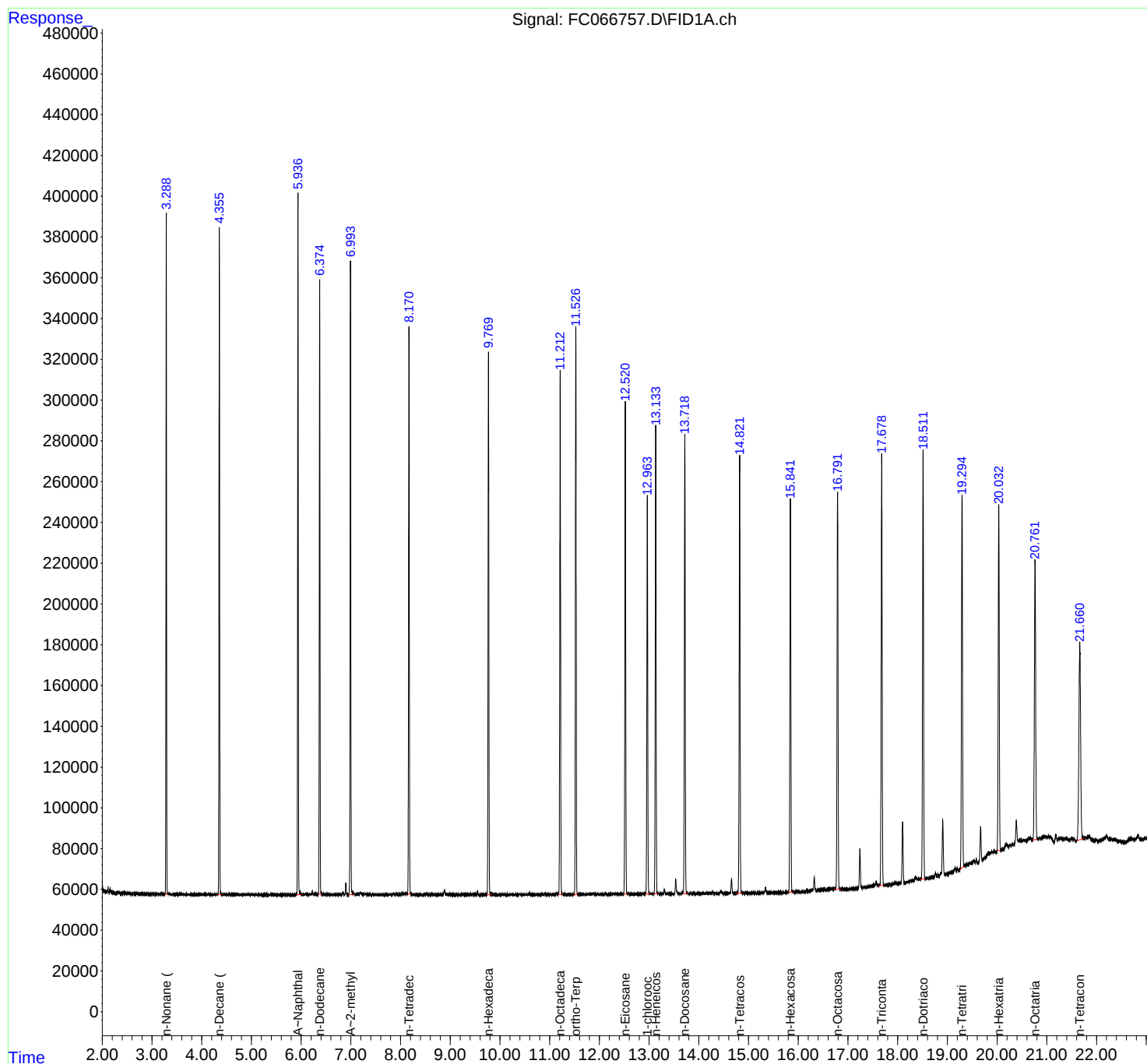
(m)=manual int.

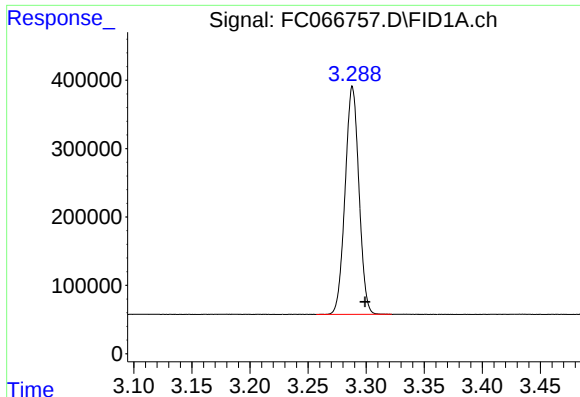
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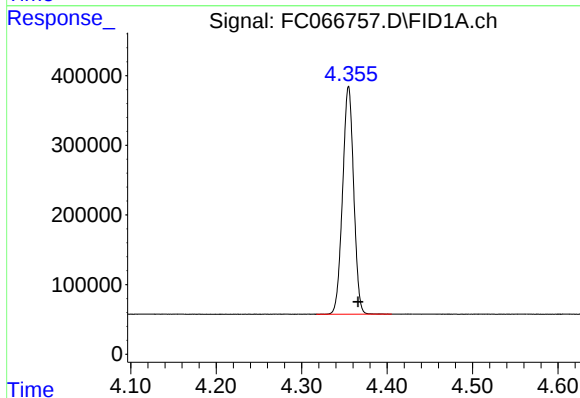




#1 n-Nonane (C9)

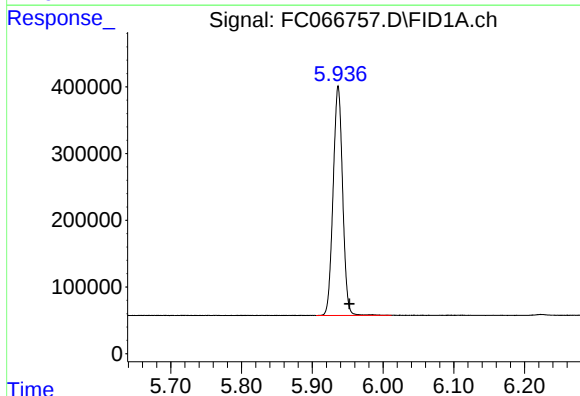
R.T.: 3.288 min
Delta R.T.: -0.011 min
Response: 2766796
Conc: 19.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



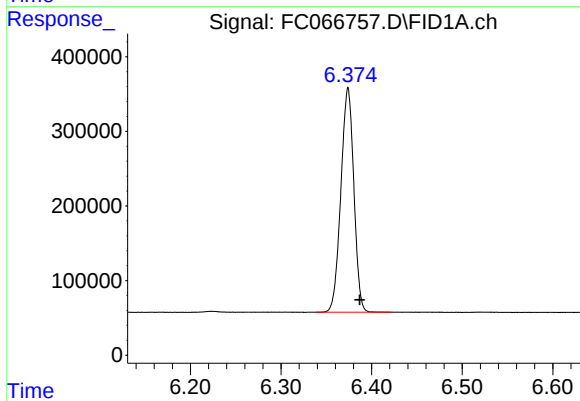
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.011 min
Response: 2949726
Conc: 19.78 ug/ml



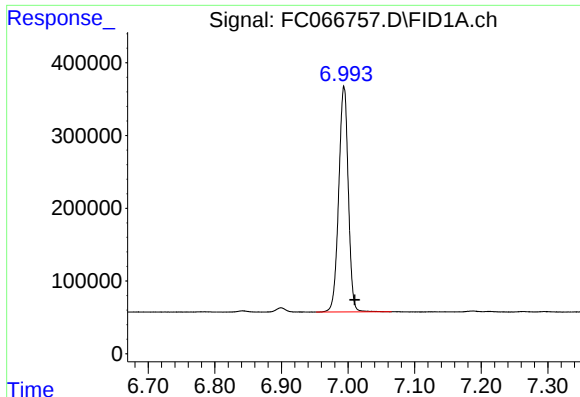
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.016 min
Response: 3207438
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

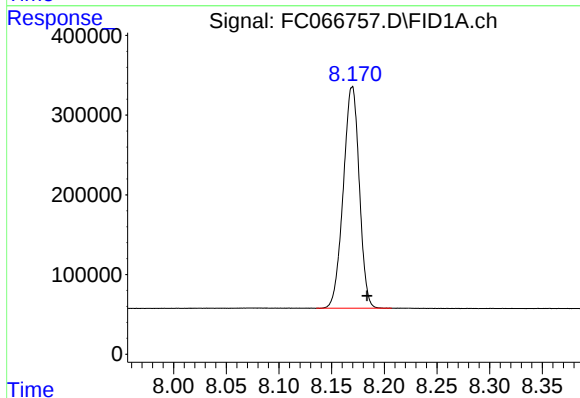
R.T.: 6.374 min
Delta R.T.: -0.013 min
Response: 2990275
Conc: 19.73 ug/ml



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

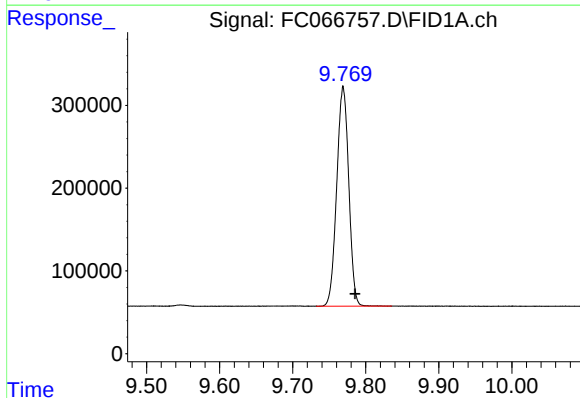
R.T.: 6.994 min
Delta R.T.: -0.016 min
Response: 3094450
Conc: 19.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



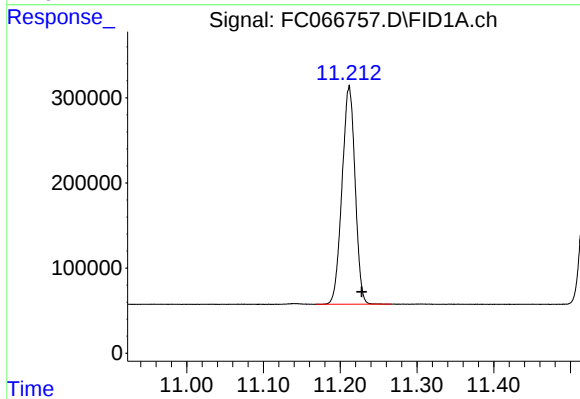
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.014 min
Response: 2944062
Conc: 19.41 ug/ml



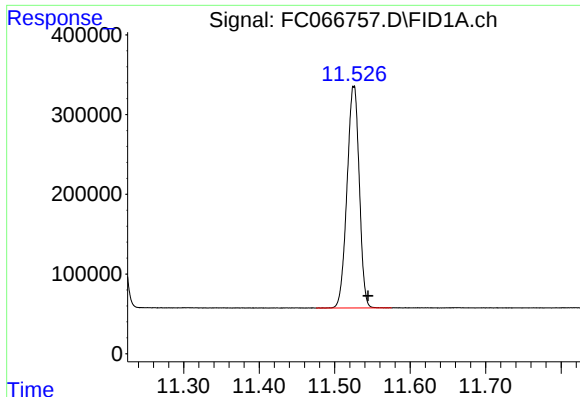
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.016 min
Response: 3034602
Conc: 18.94 ug/ml



#8 n-Octadecane (C18)

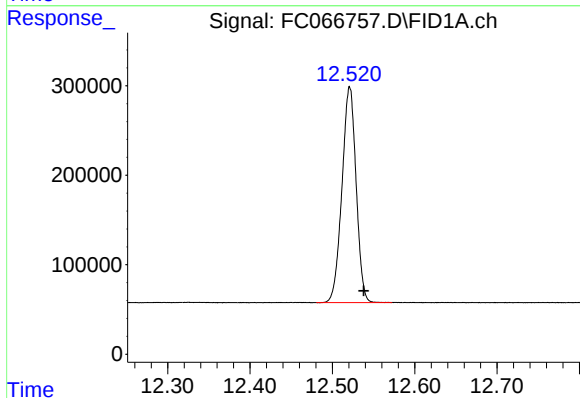
R.T.: 11.212 min
Delta R.T.: -0.017 min
Response: 3029186
Conc: 18.26 ug/ml



#9 ortho-Terphenyl (SURR)

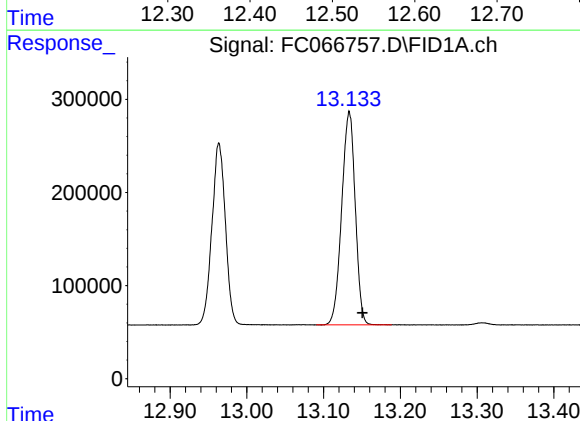
R.T.: 11.525 min
Delta R.T.: -0.019 min
Response: 3134696
Conc: 18.17 ug/ml

Instrument :
FID_C
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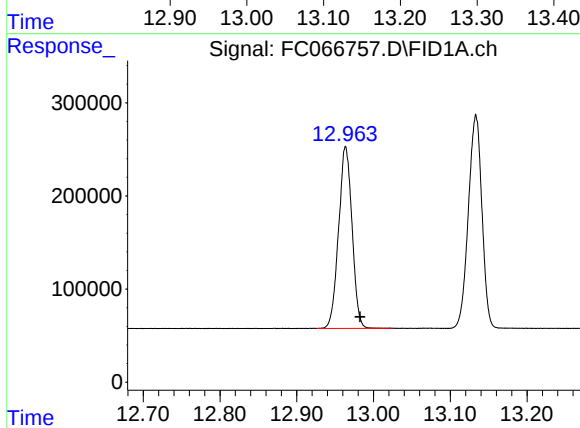
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.017 min
Response: 2875985
Conc: 17.69 ug/ml



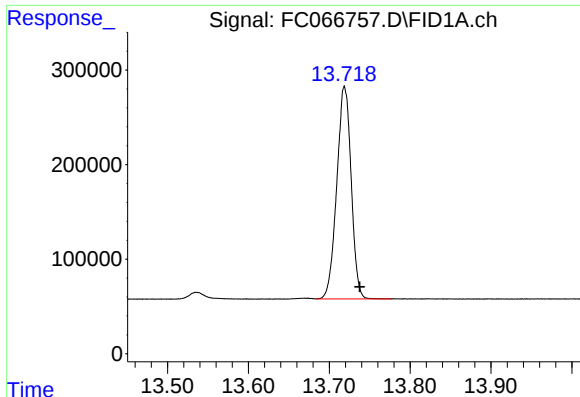
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.017 min
Response: 2805753
Conc: 17.41 ug/ml



#12 1-chlorooctadecane (SURR)

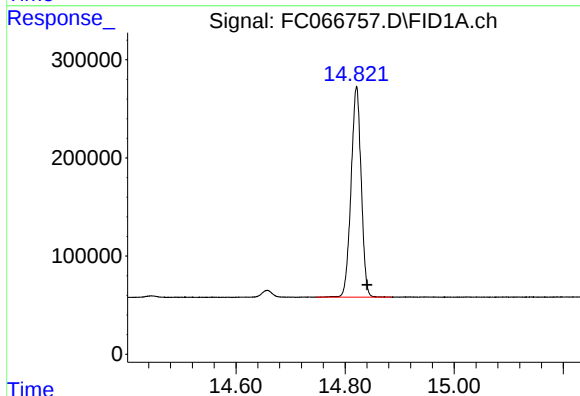
R.T.: 12.964 min
Delta R.T.: -0.019 min
Response: 2377195
Conc: 17.23 ug/ml



#13 n-Docosane (C22)

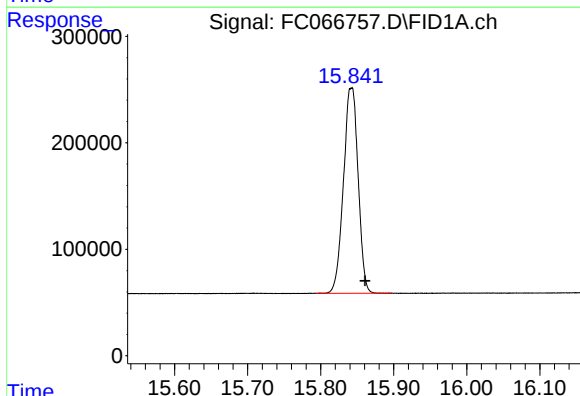
R.T.: 13.719 min
Delta R.T.: -0.019 min
Response: 2783251
Conc: 17.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



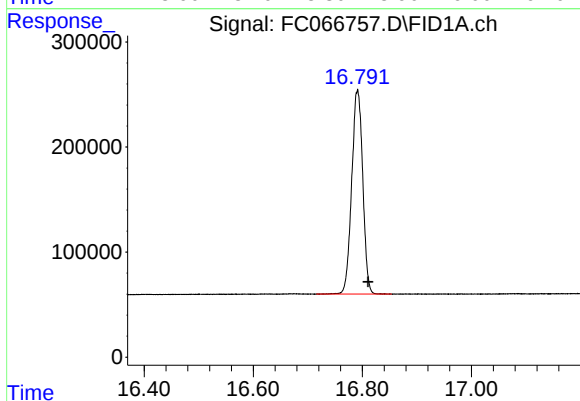
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.020 min
Response: 2765630
Conc: 17.43 ug/ml



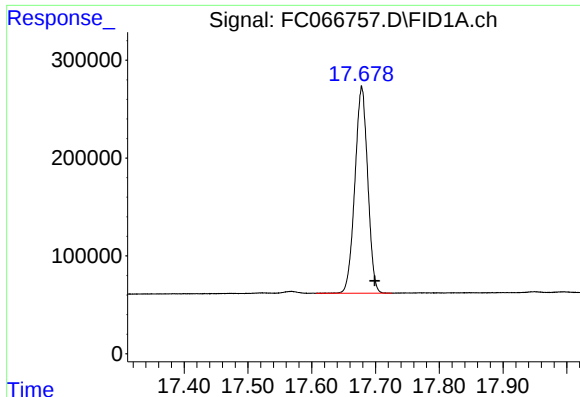
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.019 min
Response: 2695506
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

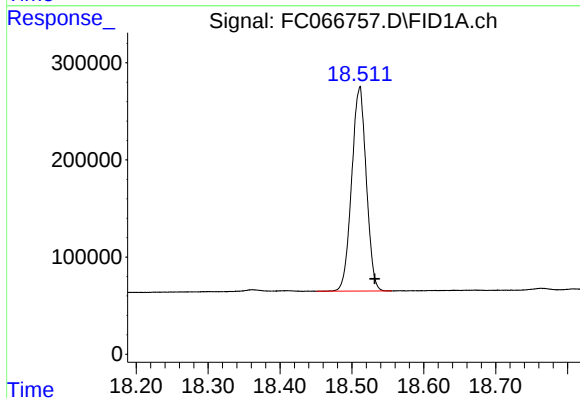
R.T.: 16.791 min
Delta R.T.: -0.019 min
Response: 2729617
Conc: 18.92 ug/ml



#17 n-Tricontane (C30)

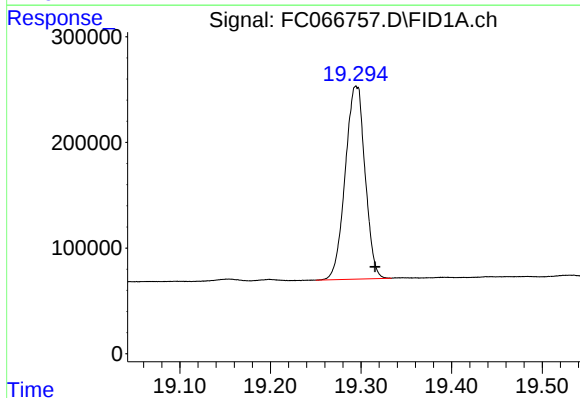
R.T.: 17.678 min
Delta R.T.: -0.021 min
Response: 2942377
Conc: 21.06 ug/ml

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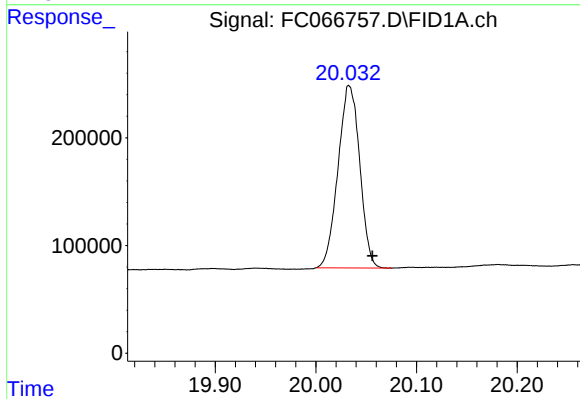
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: -0.021 min
Response: 2958819
Conc: 22.42 ug/ml



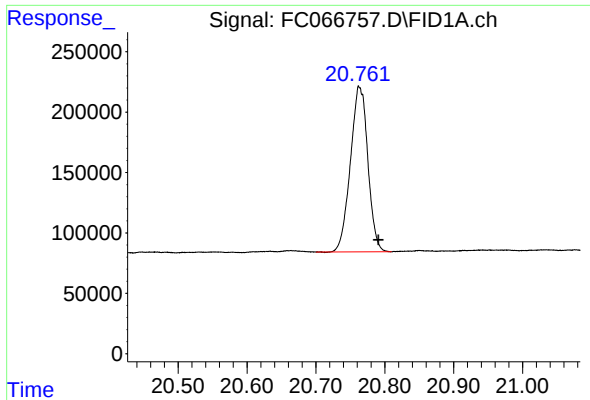
#19 n-Tetratriacontane (C34)

R.T.: 19.295 min
Delta R.T.: -0.021 min
Response: 2776554
Conc: 22.45 ug/ml



#20 n-Hexatriacontane (C36)

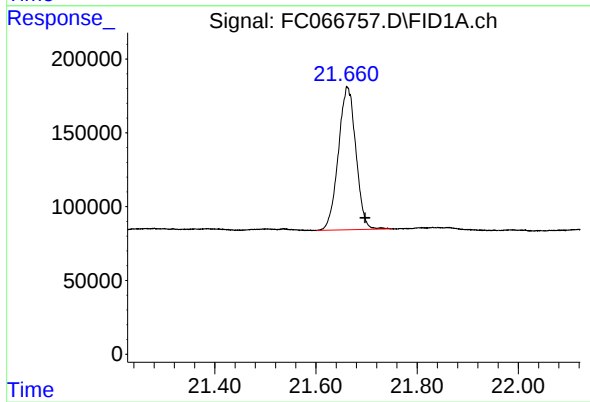
R.T.: 20.034 min
Delta R.T.: -0.023 min
Response: 2536729
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.027 min
Response: 2409203
Conc: 21.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.662 min
Delta R.T.: -0.035 min
Response: 2320590
Conc: 20.66 ug/ml