

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
 Data File : FC062023.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2022 14:17
 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: Oct 30 01:54:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.585	3050754	20.524 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	13.021	2414821	20.728 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T n-Nonane (C9)	3.350	2802954	19.927 ug/ml
2) T n-Decane (C10)	4.417	2873785	20.132 ug/ml
3) T A~Naphthalene (C11.7)	6.002	3069104	19.884 ug/ml
4) T n-Dodecane (C12)	6.432	2921191	20.123 ug/ml
5) T A~2-methylnaphthalene...	7.057	3030660	19.978 ug/ml
6) T n-Tetradecane (C14)	8.226	2937815	20.210 ug/ml
7) T n-Hexadecane (C16)	9.827	2980478	20.467 ug/ml
8) T n-Octadecane (C18)	11.268	2993131	20.708 ug/ml
10) T n-Eicosane (C20)	12.576	2938059	20.817 ug/ml
11) T n-Heneicosane (C21)	13.188	2898209	20.887 ug/ml
13) T n-Docosane (C22)	13.775	2848343	20.777 ug/ml
14) T n-Tetracosane (C24)	14.877	2727942	20.646 ug/ml
15) T n-Hexacosane (C26)	15.897	2628173	20.858 ug/ml
16) T n-Octacosane (C28)	16.844	2594489	21.512 ug/ml
17) T n-Tricontane (C30)	17.733	2786498	23.419 ug/ml
18) T n-Dotriacontane (C32)	18.564	2865062	24.317 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2702370	23.920 ug/ml
20) T n-Hexatriacontane (C36)	20.085	2613251	23.043 ug/ml
21) T n-Octatriacontane (C38)	20.822	2520289	22.399 ug/ml
22) T n-Tetracontane (C40)	21.732	2410369	21.470 ug/ml

(f)=RT Delta > 1/2 Window

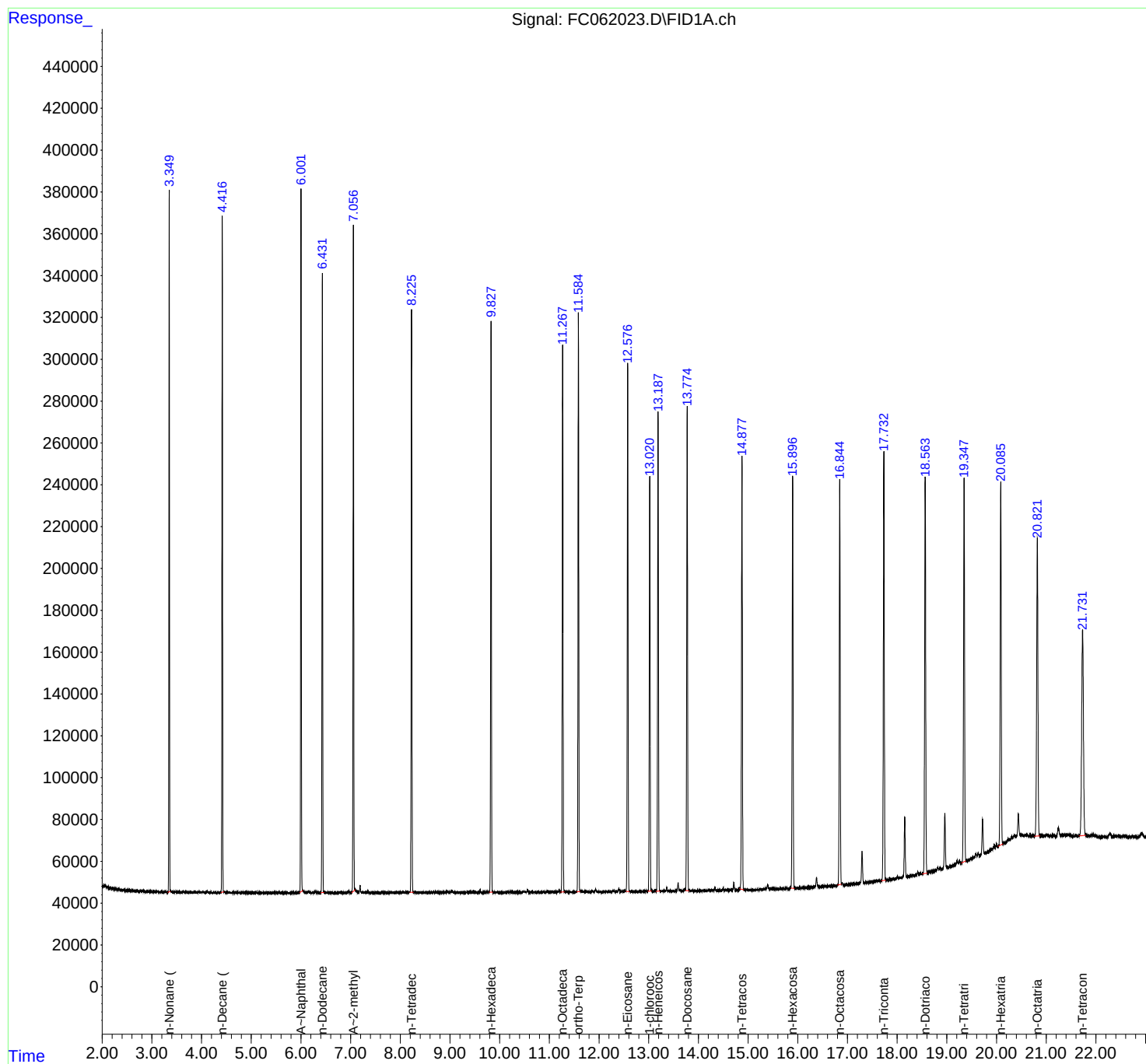
(m)=manual int.

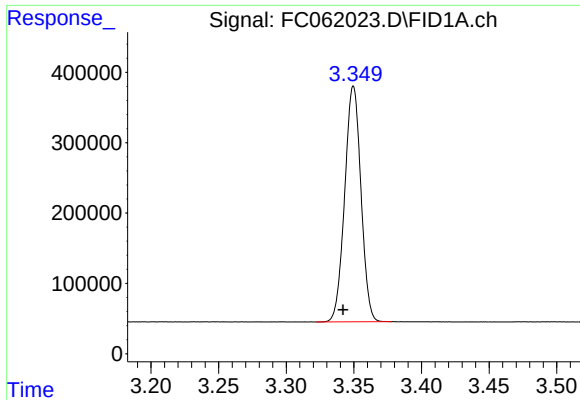
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
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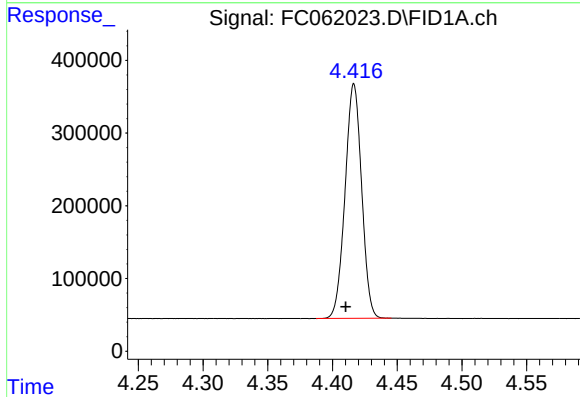




#1 n-Nonane (C9)

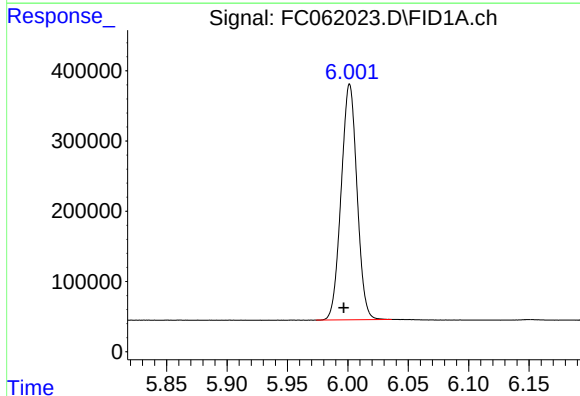
R.T.: 3.350 min
Delta R.T.: 0.008 min
Response: 2802954
Conc: 19.93 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



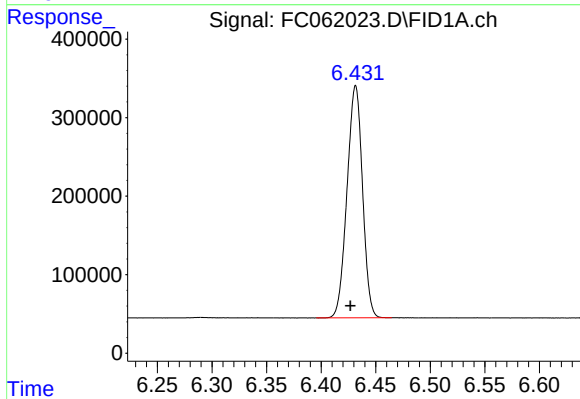
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: 0.006 min
Response: 2873785
Conc: 20.13 ug/ml



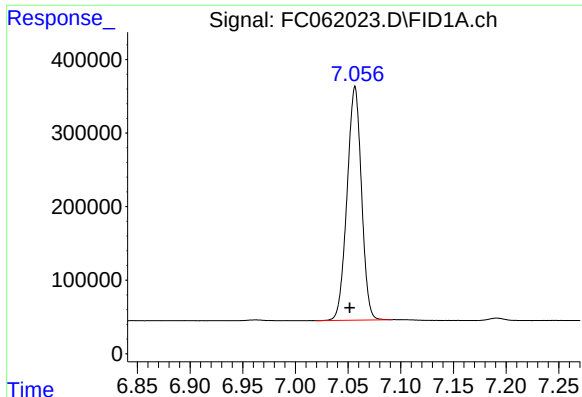
#3 A~Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: 0.005 min
Response: 3069104
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

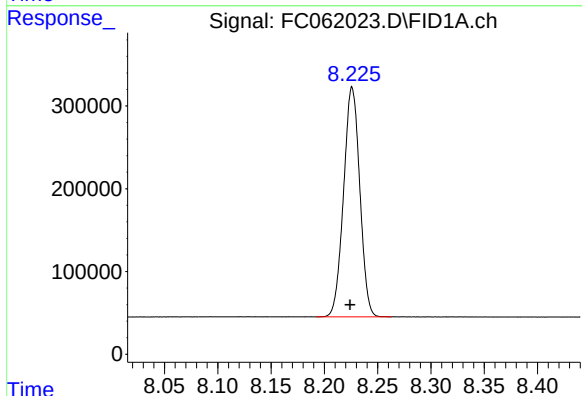
R.T.: 6.432 min
Delta R.T.: 0.005 min
Response: 2921191
Conc: 20.12 ug/ml



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

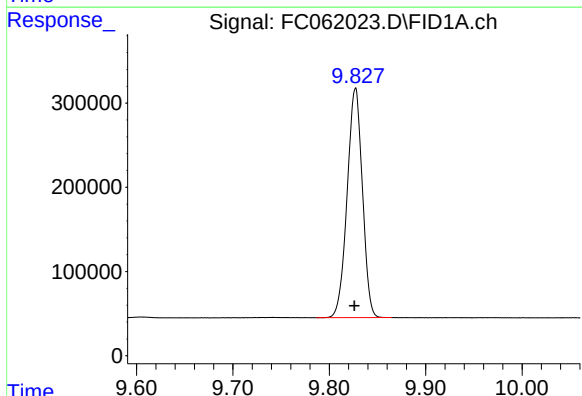
R.T.: 7.057 min
Delta R.T.: 0.005 min
Response: 3030660
Conc: 19.98 ug/ml

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20 PPM ALIPHATIC HC STD



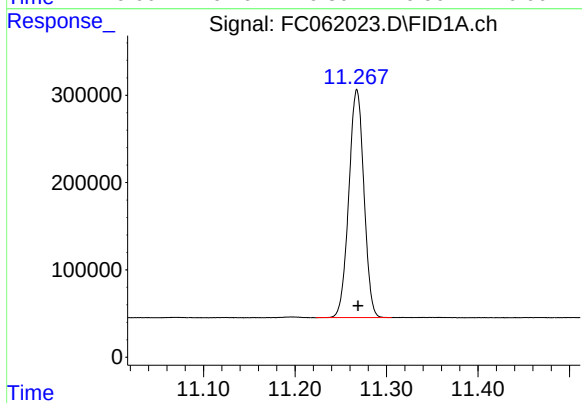
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: 0.002 min
Response: 2937815
Conc: 20.21 ug/ml



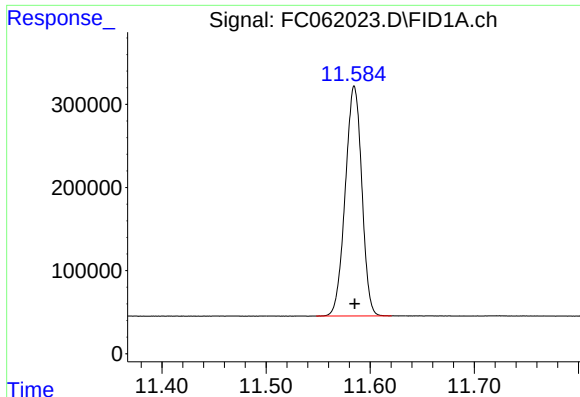
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.001 min
Response: 2980478
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

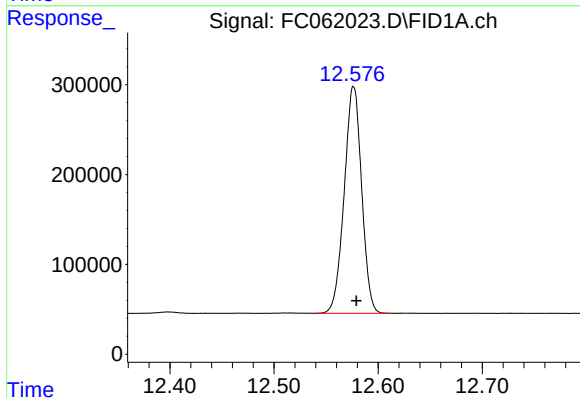
R.T.: 11.268 min
Delta R.T.: -0.001 min
Response: 2993131
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

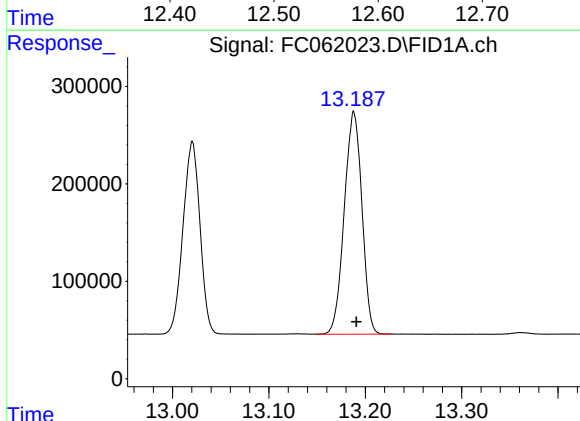
R.T.: 11.585 min
Delta R.T.: 0.000 min
Response: 3050754
Conc: 20.52 ug/ml

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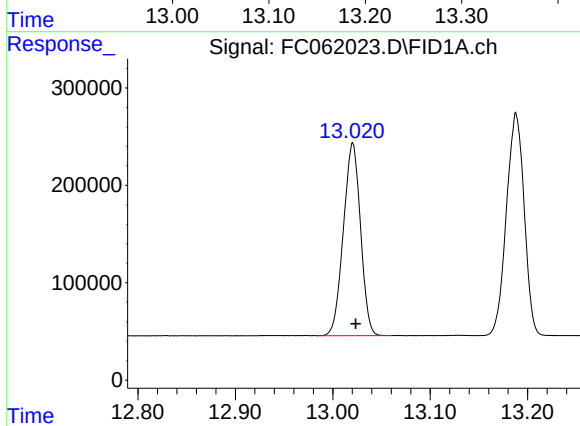
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.002 min
Response: 2938059
Conc: 20.82 ug/ml



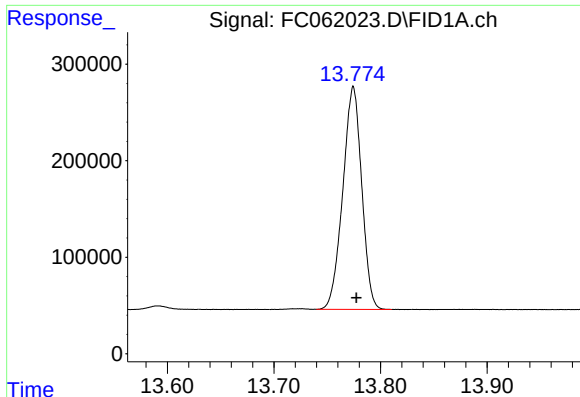
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: -0.003 min
Response: 2898209
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

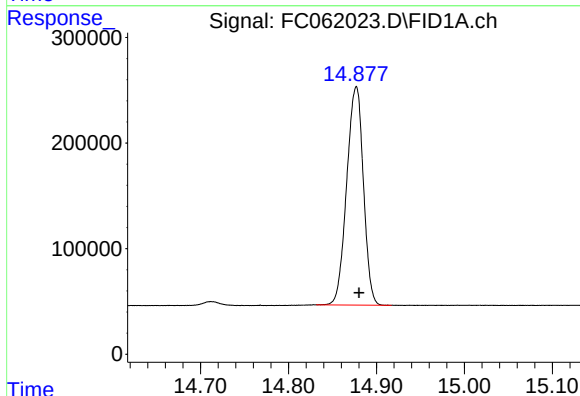
R.T.: 13.021 min
Delta R.T.: -0.003 min
Response: 2414821
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

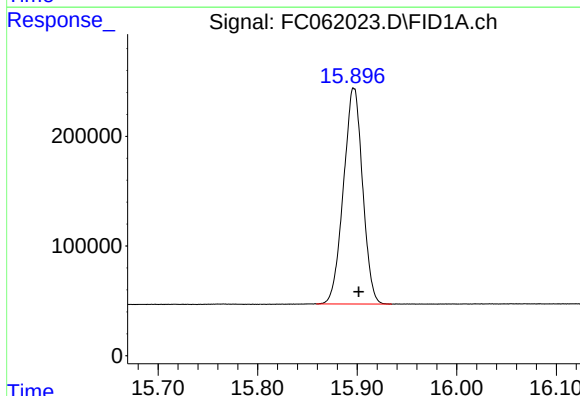
R.T.: 13.775 min
Delta R.T.: -0.003 min
Response: 2848343
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



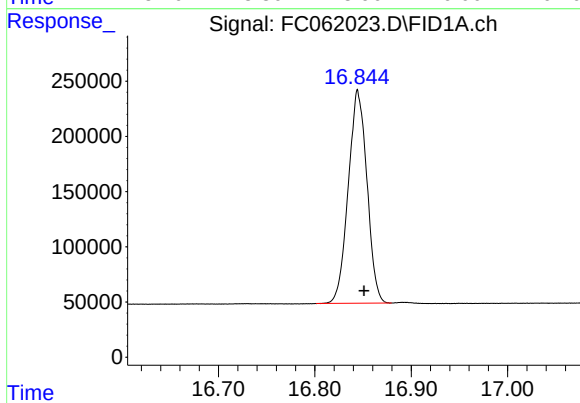
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 2727942
Conc: 20.65 ug/ml



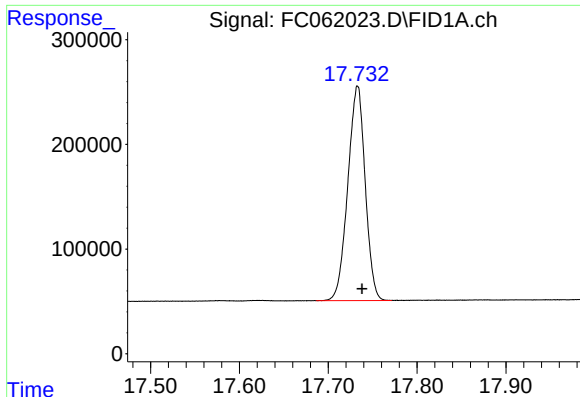
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.005 min
Response: 2628173
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

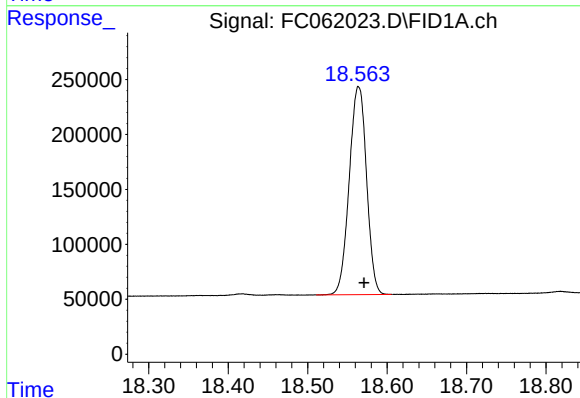
R.T.: 16.844 min
Delta R.T.: -0.007 min
Response: 2594489
Conc: 21.51 ug/ml



#17 n-Tricontane (C30)

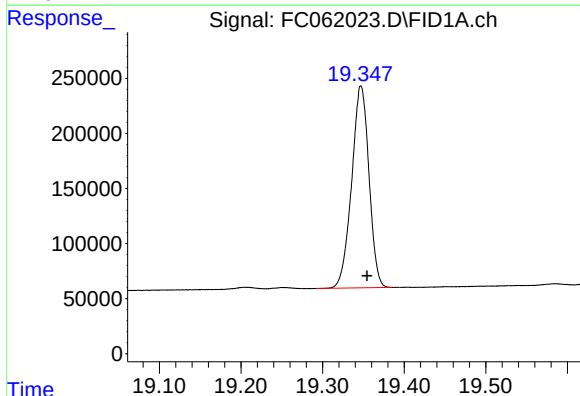
R.T.: 17.733 min
Delta R.T.: -0.005 min
Response: 2786498
Conc: 23.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



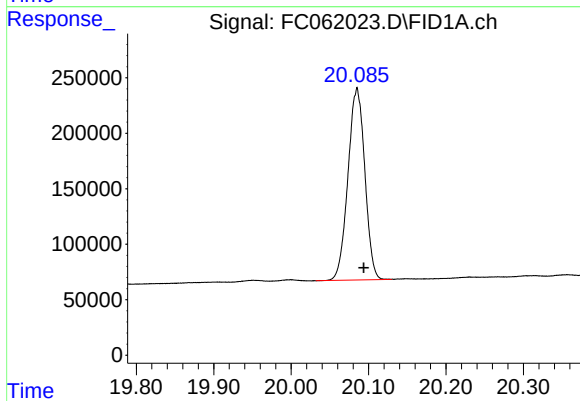
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.007 min
Response: 2865062
Conc: 24.32 ug/ml



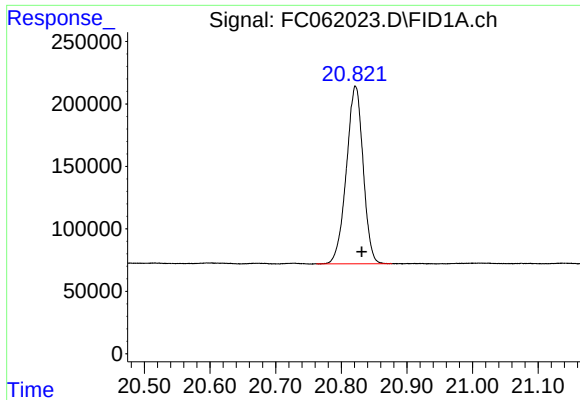
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.007 min
Response: 2702370
Conc: 23.92 ug/ml



#20 n-Hexatriacontane (C36)

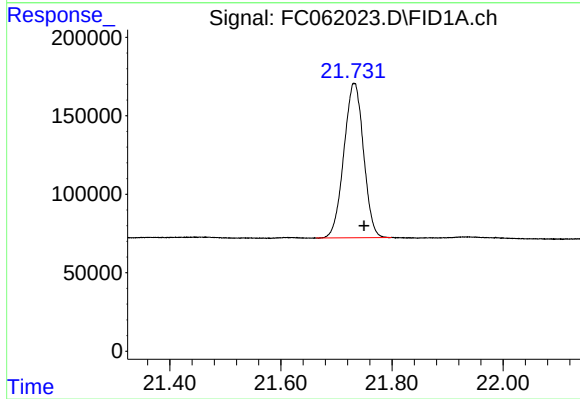
R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 2613251
Conc: 23.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.010 min
Response: 2520289
Conc: 22.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: -0.018 min
Response: 2410369
Conc: 21.47 ug/ml