

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091222AL\
 Data File : FC061478.D
 Signal(s) : FID1A.ch
 Acq On : 12 Sep 2022 23:49
 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: Sep 13 06:17:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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)	11.581	2799370	15.813 ug/ml
Spiked Amount 50.000		Recovery =	31.63%
12) S 1-chlorooctadecane (S...	13.018	2230635	15.927 ug/ml
Spiked Amount 50.000		Recovery =	31.85%
Target Compounds			
1) T n-Nonane (C9)	3.335	2541838	16.812 ug/ml
2) T n-Decane (C10)	4.405	2574933	16.970 ug/ml
3) T A~Naphthalene (C11.7)	5.990	2910965	16.816 ug/ml
4) T n-Dodecane (C12)	6.423	2627556	16.966 ug/ml
5) T A~2-methylnaphthalene...	7.046	2936092	16.674 ug/ml
6) T n-Tetradecane (C14)	8.221	2626603	16.792 ug/ml
7) T n-Hexadecane (C16)	9.823	2621723	16.738 ug/ml
8) T n-Octadecane (C18)	11.265	2624287	16.634 ug/ml
10) T n-Eicosane (C20)	12.574	2539439	16.335 ug/ml
11) T n-Heneicosane (C21)	13.186	2501890	15.995 ug/ml
13) T n-Docosane (C22)	13.772	2493308	16.067 ug/ml
14) T n-Tetracosane (C24)	14.875	2499471	16.157 ug/ml
15) T n-Hexacosane (C26)	15.895	2426089	16.120 ug/ml
16) T n-Octacosane (C28)	16.843	2450201	16.588 ug/ml
17) T n-Tricontane (C30)	17.730	2592082	18.767 ug/ml
18) T n-Dotriacontane (C32)	18.563	2346073	21.374 ug/ml
19) T n-Tetratriacontane (C34)	19.346	1722607	22.317 ug/ml
20) T n-Hexatriacontane (C36)	20.085	1282008	22.707 ug/ml
21) T n-Octatriacontane (C38)	20.819	1093450	23.570 ug/mlm
22) T n-Tetracontane (C40)	21.729	818007	19.502 ug/ml

(f)=RT Delta > 1/2 Window

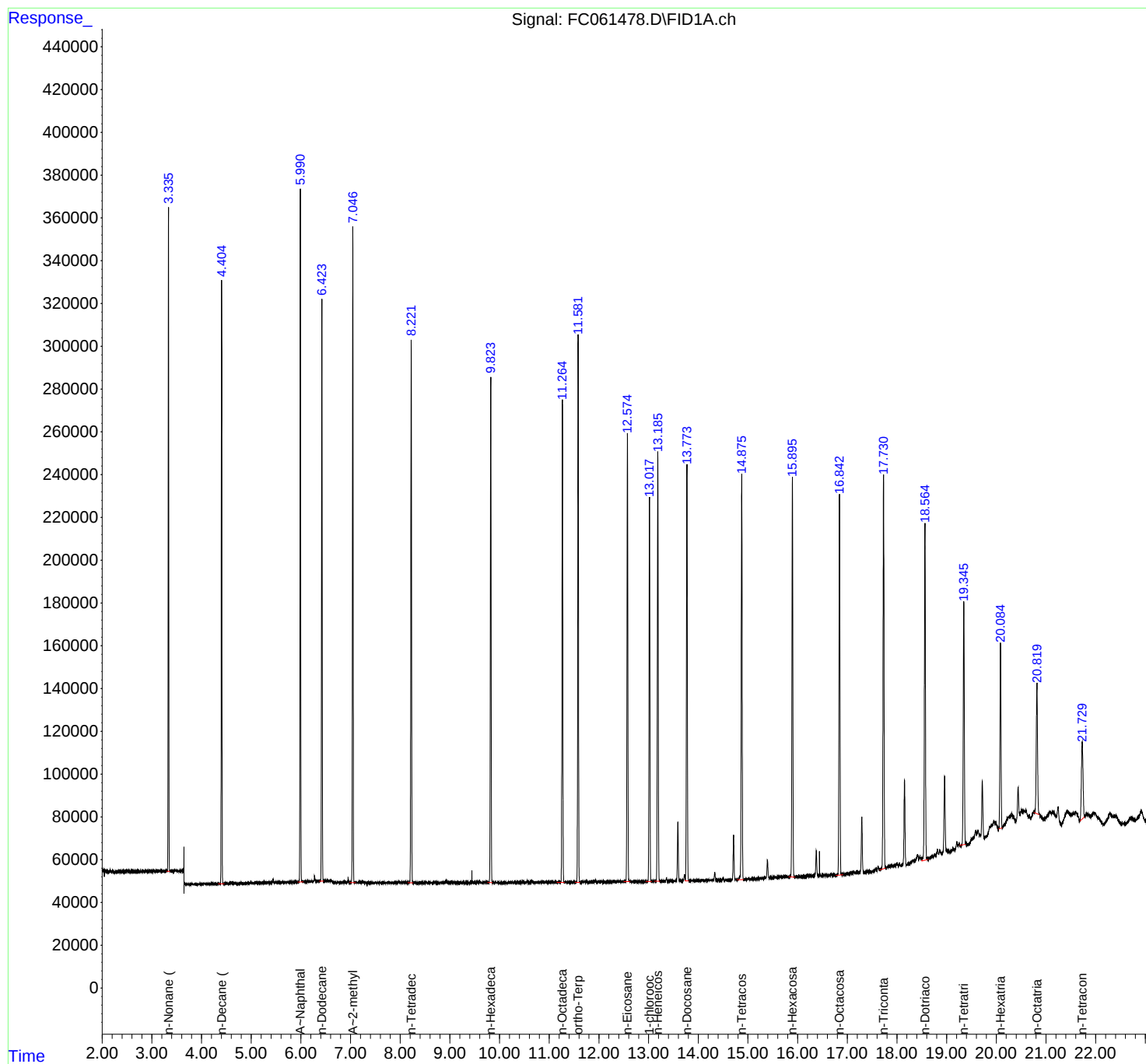
(m)=manual int.

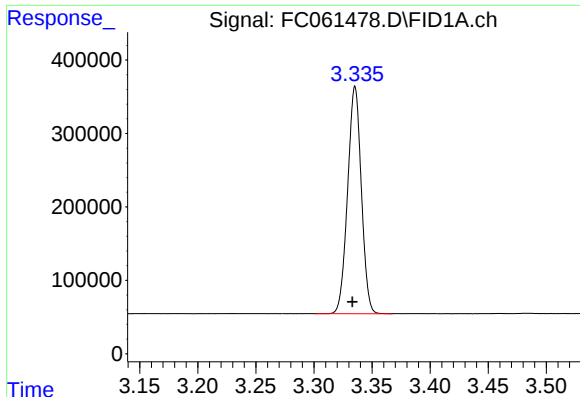
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091222AL\
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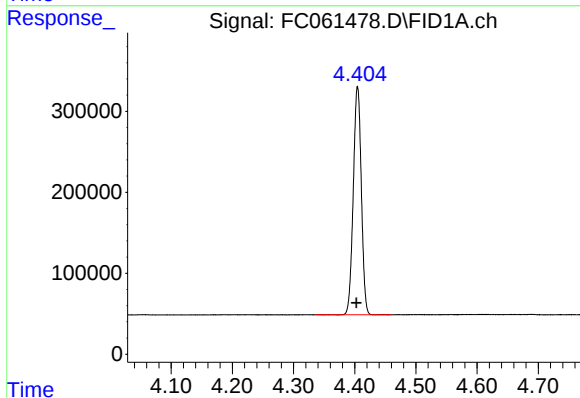




#1 n-Nonane (C9)

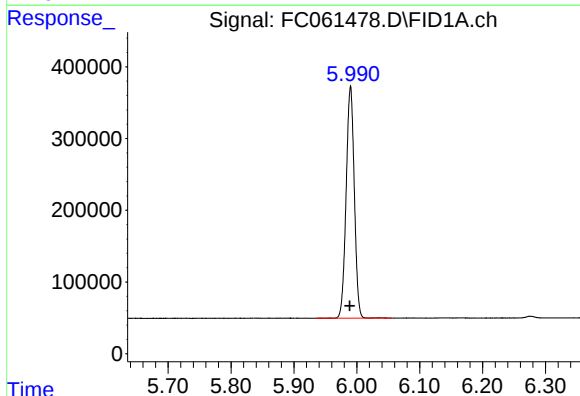
R.T.: 3.335 min
Delta R.T.: 0.002 min
Response: 2541838
Conc: 16.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



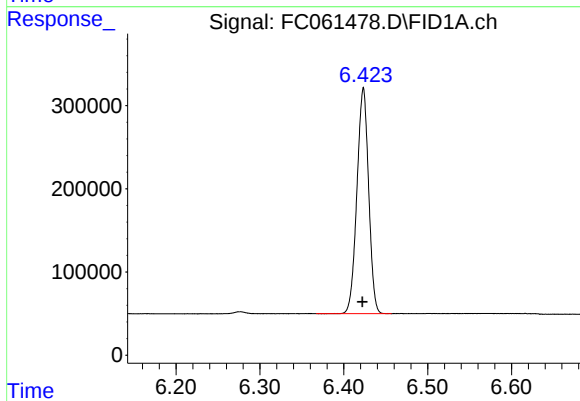
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: 0.002 min
Response: 2574933
Conc: 16.97 ug/ml



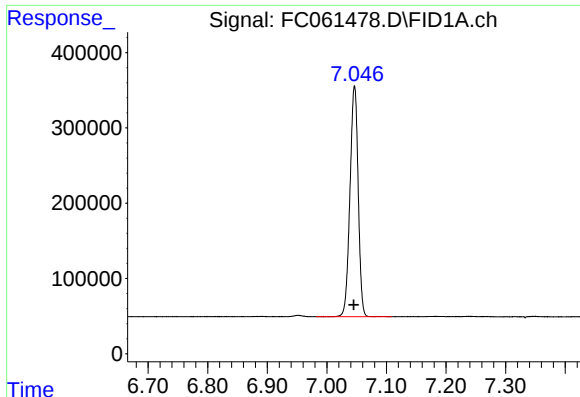
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 2910965
Conc: 16.82 ug/ml



#4 n-Dodecane (C12)

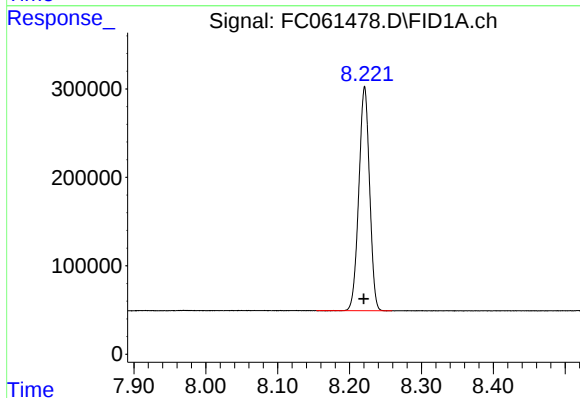
R.T.: 6.423 min
Delta R.T.: 0.001 min
Response: 2627556
Conc: 16.97 ug/ml



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

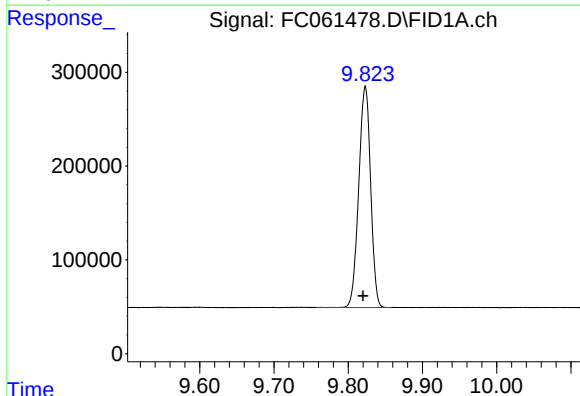
R.T.: 7.046 min
Delta R.T.: 0.001 min
Response: 2936092
Conc: 16.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



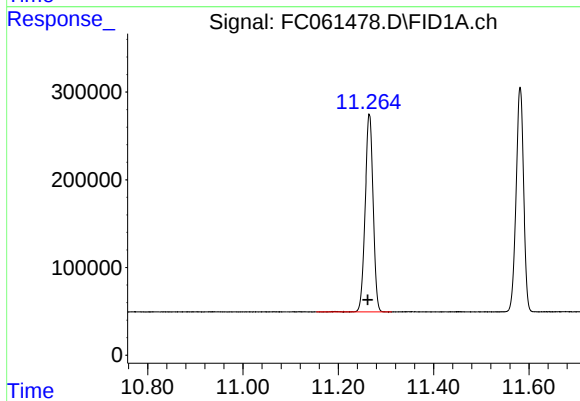
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: 0.001 min
Response: 2626603
Conc: 16.79 ug/ml



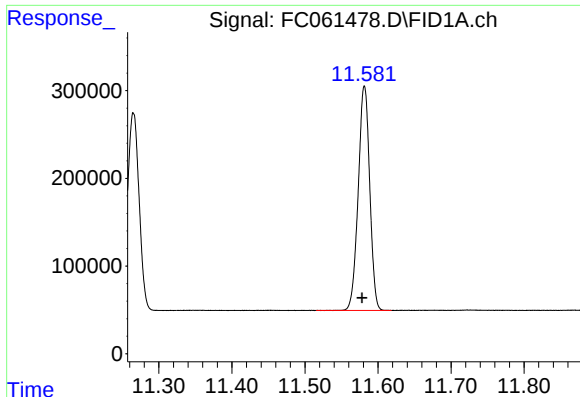
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: 0.003 min
Response: 2621723
Conc: 16.74 ug/ml



#8 n-Octadecane (C18)

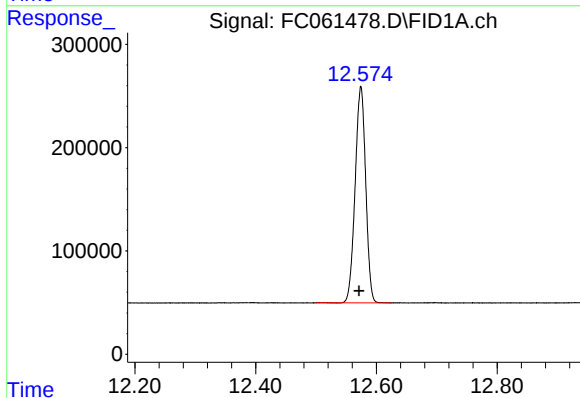
R.T.: 11.265 min
Delta R.T.: 0.003 min
Response: 2624287
Conc: 16.63 ug/ml



#9 ortho-Terphenyl (SURR)

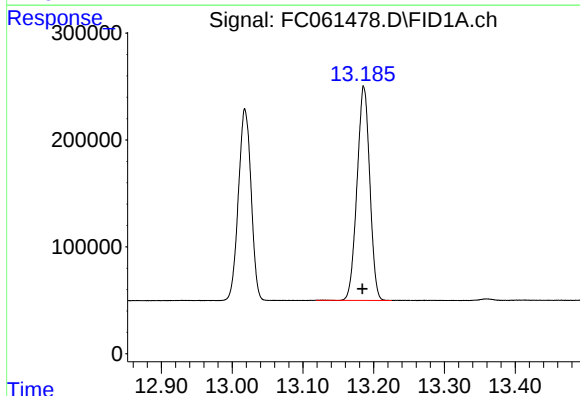
R.T.: 11.581 min
Delta R.T.: 0.003 min
Response: 2799370
Conc: 15.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



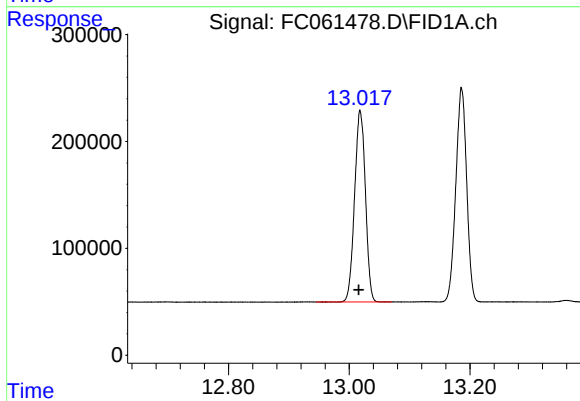
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: 0.003 min
Response: 2539439
Conc: 16.34 ug/ml



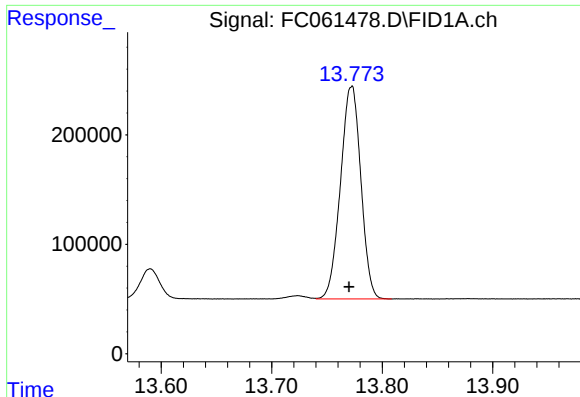
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: 0.002 min
Response: 2501890
Conc: 15.99 ug/ml



#12 1-chlorooctadecane (SURR)

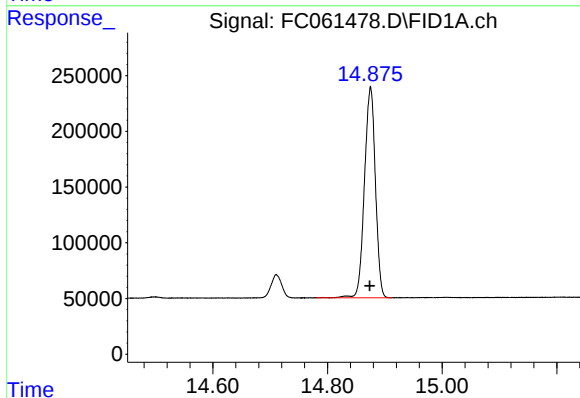
R.T.: 13.018 min
Delta R.T.: 0.003 min
Response: 2230635
Conc: 15.93 ug/ml



#13 n-Docosane (C22)

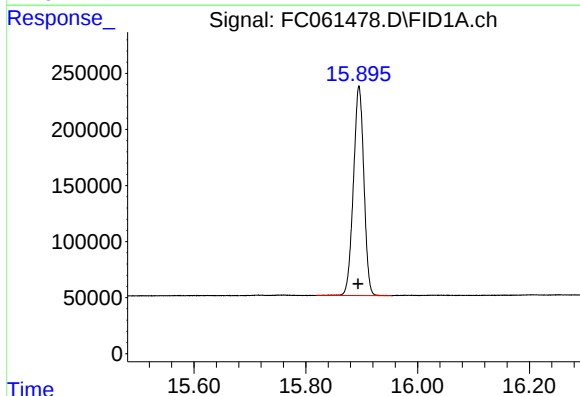
R.T.: 13.772 min
Delta R.T.: 0.002 min
Response: 2493308
Conc: 16.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



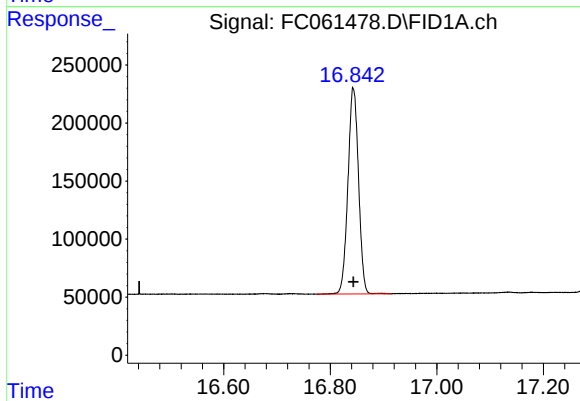
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: 0.001 min
Response: 2499471
Conc: 16.16 ug/ml



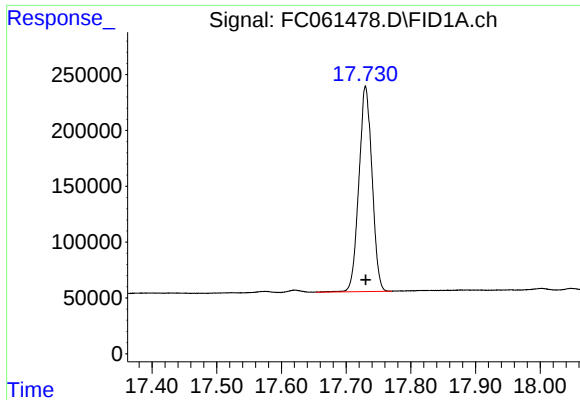
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.002 min
Response: 2426089
Conc: 16.12 ug/ml



#16 n-Octacosane (C28)

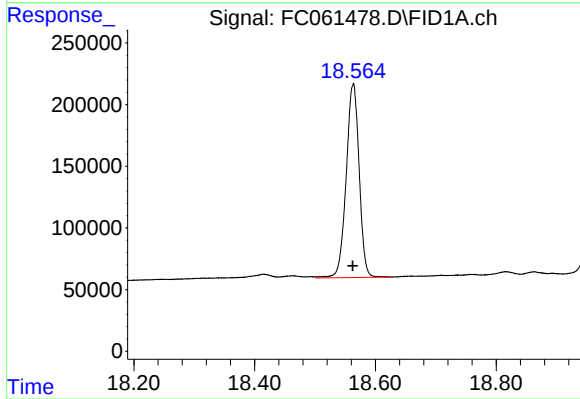
R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 2450201
Conc: 16.59 ug/ml



#17 n-Tricontane (C30)

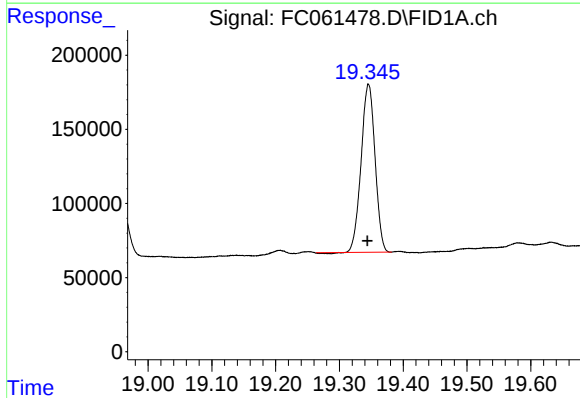
R.T.: 17.730 min
Delta R.T.: 0.000 min
Response: 2592082
Conc: 18.77 ug/ml

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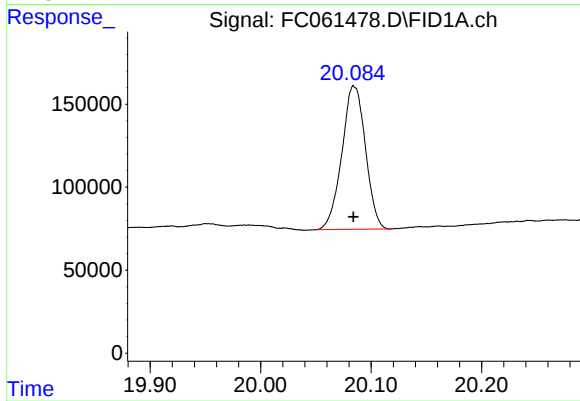
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: 0.000 min
Response: 2346073
Conc: 21.37 ug/ml



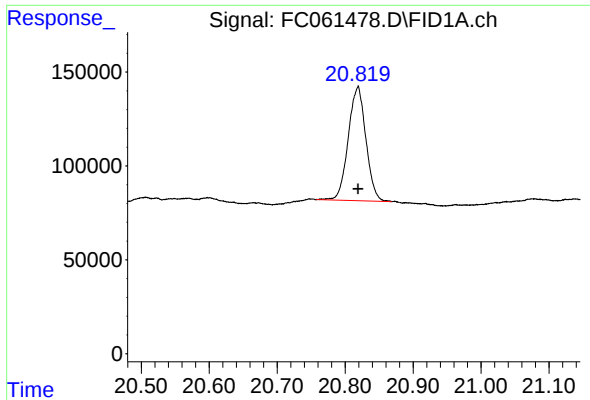
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: 0.002 min
Response: 1722607
Conc: 22.32 ug/ml



#20 n-Hexatriacontane (C36)

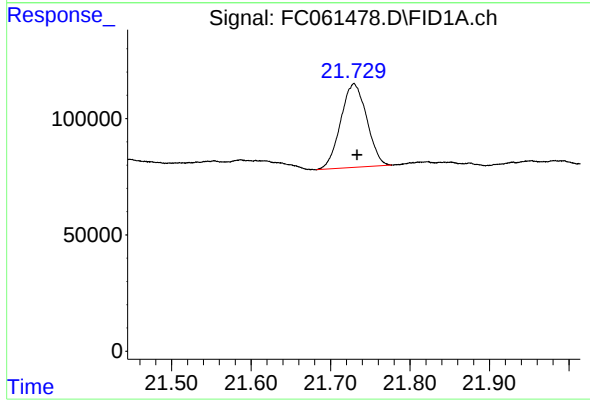
R.T.: 20.085 min
Delta R.T.: 0.000 min
Response: 1282008
Conc: 22.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.000 min
Response: 1093450
Conc: 23.57 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.729 min
Delta R.T.: -0.004 min
Response: 818007
Conc: 19.50 ug/ml