

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110223AL\
 Data File : FC064988.D
 Signal(s) : FID1A.ch
 Acq On : 02 Nov 2023 19:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 02 23:09:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.509	4420285	20.085 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
12) S 1-chlorooctadecane (S...	12.940	3157637	19.974 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
Target Compounds			
1) T n-Nonane (C9)	3.308	3915572	20.710 ug/ml
2) T n-Decane (C10)	4.368	3939545	20.719 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3989540	20.663 ug/ml
4) T n-Dodecane (C12)	6.378	3963965	20.520 ug/ml
5) T A~2-methylnaphthalene...	7.003	3819780	20.786 ug/ml
6) T n-Tetradecane (C14)	8.167	3854687	20.429 ug/ml
7) T n-Hexadecane (C16)	9.760	3842793	20.330 ug/ml
8) T n-Octadecane (C18)	11.195	3825452	20.270 ug/ml
10) T n-Eicosane (C20)	12.498	3622139	20.148 ug/ml
11) T n-Heneicosane (C21)	13.107	3521553	20.058 ug/ml
13) T n-Docosane (C22)	13.690	3428467	19.959 ug/ml
14) T n-Tetracosane (C24)	14.788	3293357	19.773 ug/ml
15) T n-Hexacosane (C26)	15.803	3158056	19.675 ug/ml
16) T n-Octacosane (C28)	16.749	3064496	19.581 ug/ml
17) T n-Tricontane (C30)	17.632	3080346	19.448 ug/ml
18) T n-Dotriacontane (C32)	18.462	3060086	19.381 ug/ml
19) T n-Tetratriacontane (C34)	19.240	2983532	19.546 ug/ml
20) T n-Hexatriacontane (C36)	19.978	2950323	19.554 ug/mlm
21) T n-Octatriacontane (C38)	20.695	2911640	19.565 ug/ml
22) T n-Tetracontane (C40)	21.571	2845414	19.346 ug/mlm

(f)=RT Delta > 1/2 Window

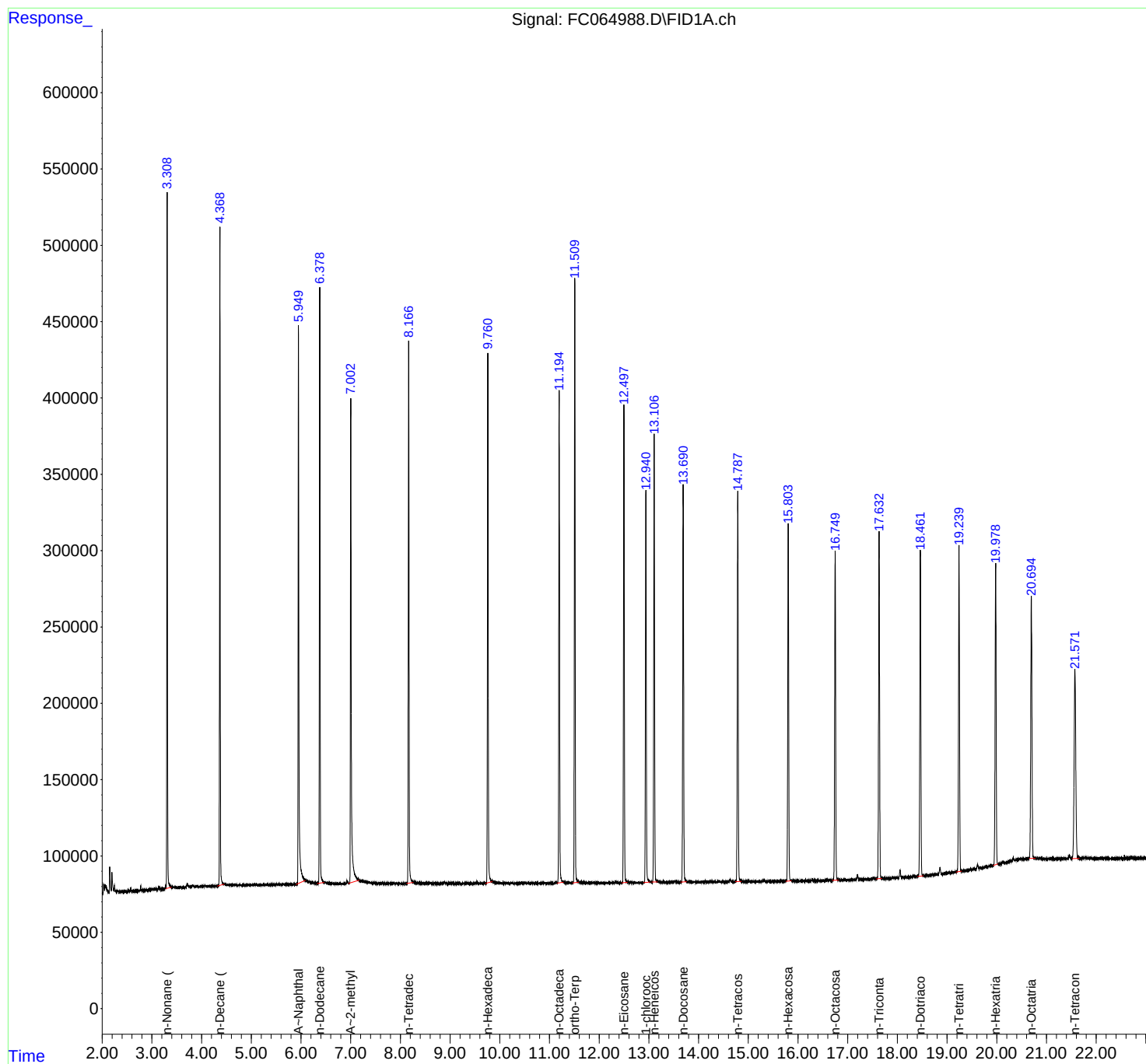
(m)=manual int.

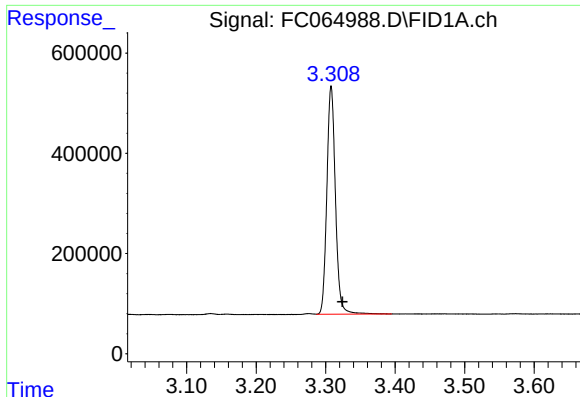
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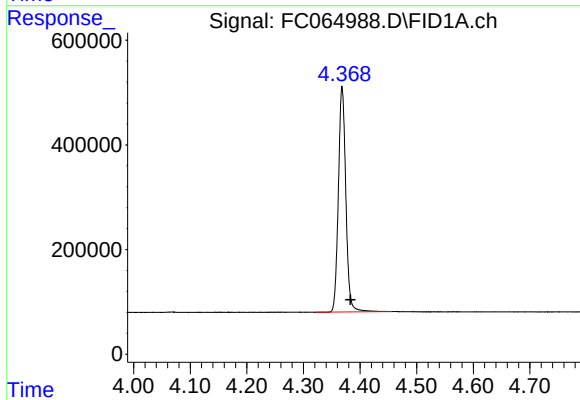




#1 n-Nonane (C9)

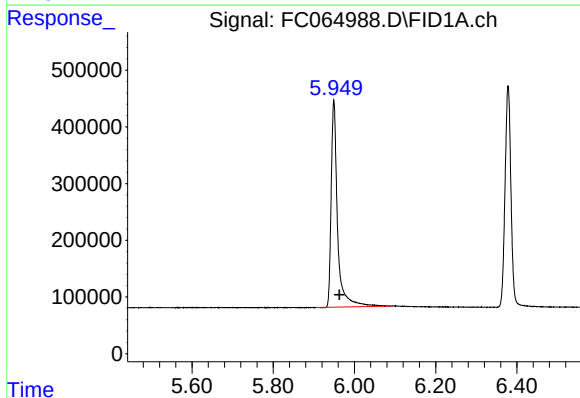
R.T.: 3.308 min
Delta R.T.: -0.016 min
Response: 3915572
Conc: 20.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



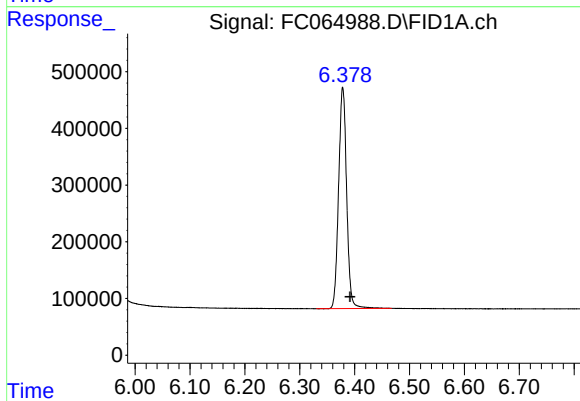
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 3939545
Conc: 20.72 ug/ml



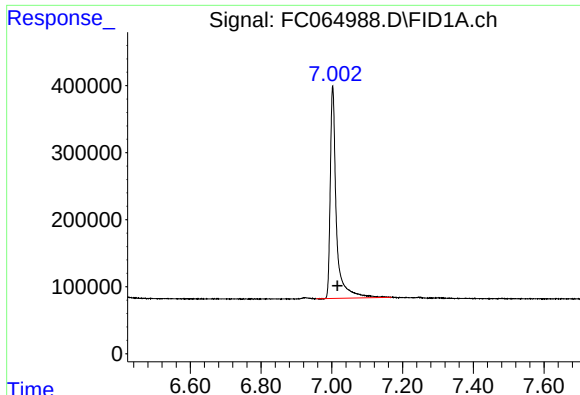
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.013 min
Response: 3989540
Conc: 20.66 ug/ml



#4 n-Dodecane (C12)

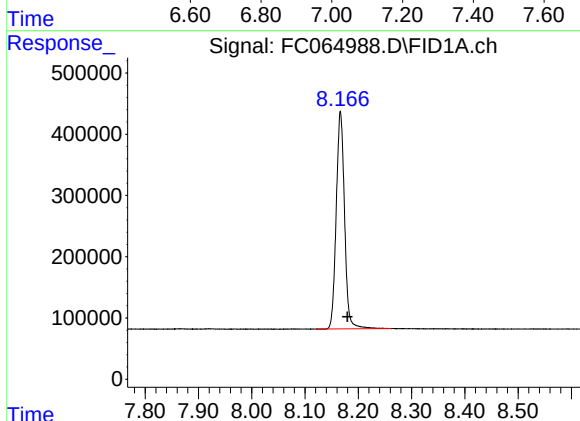
R.T.: 6.378 min
Delta R.T.: -0.013 min
Response: 3963965
Conc: 20.52 ug/ml



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

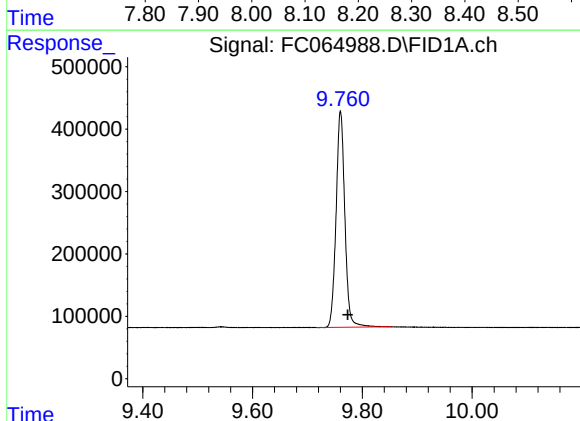
R.T.: 7.003 min
Delta R.T.: -0.013 min
Response: 3819780
Conc: 20.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



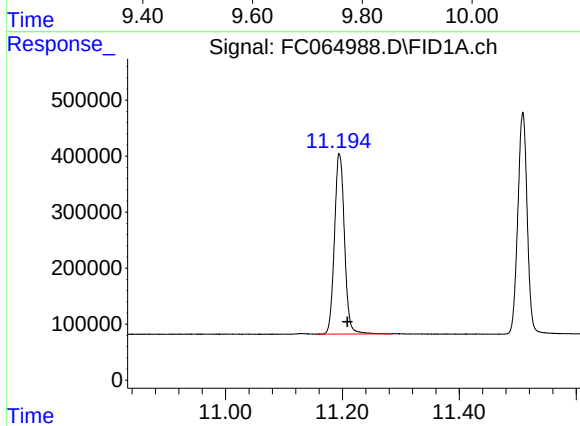
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.013 min
Response: 3854687
Conc: 20.43 ug/ml



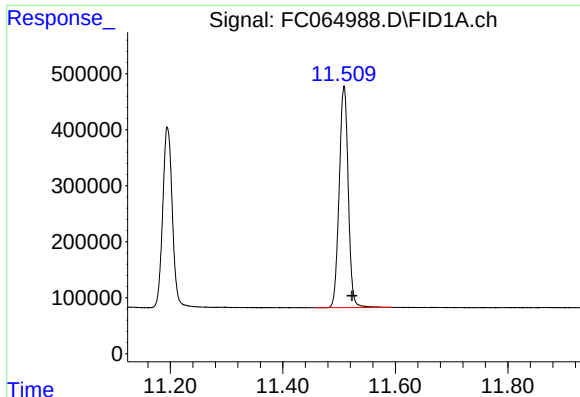
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.013 min
Response: 3842793
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

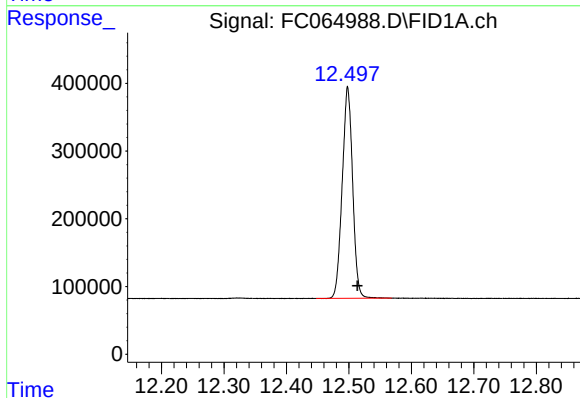
R.T.: 11.195 min
Delta R.T.: -0.014 min
Response: 3825452
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

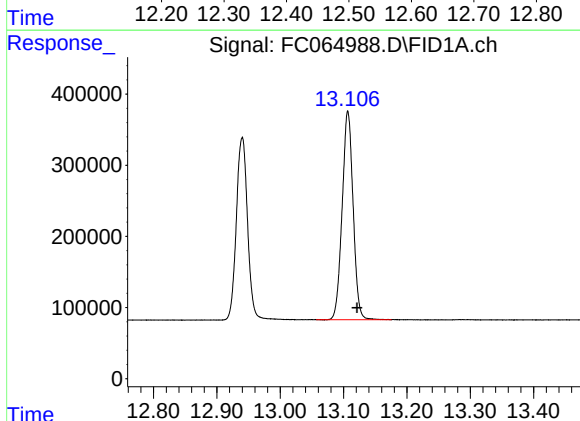
R.T.: 11.509 min
Delta R.T.: -0.014 min
Response: 4420285
Conc: 20.08 ug/ml

Instrument :
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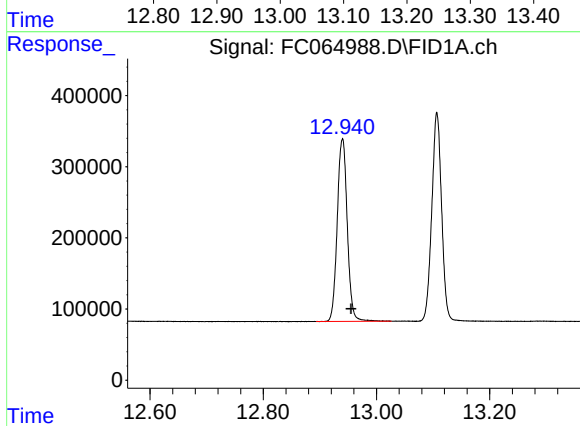
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.015 min
Response: 3622139
Conc: 20.15 ug/ml



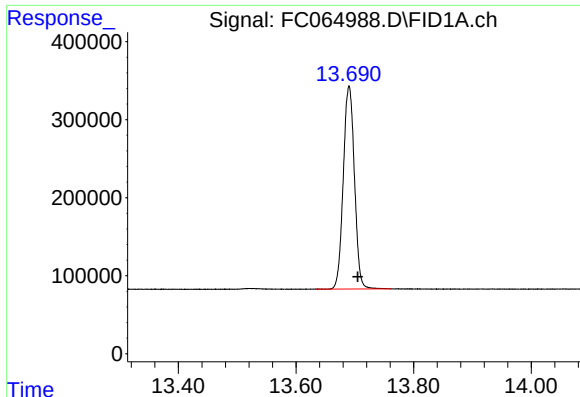
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.015 min
Response: 3521553
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

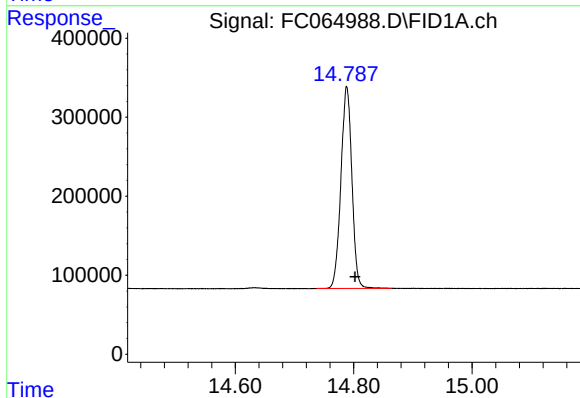
R.T.: 12.940 min
Delta R.T.: -0.015 min
Response: 3157637
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

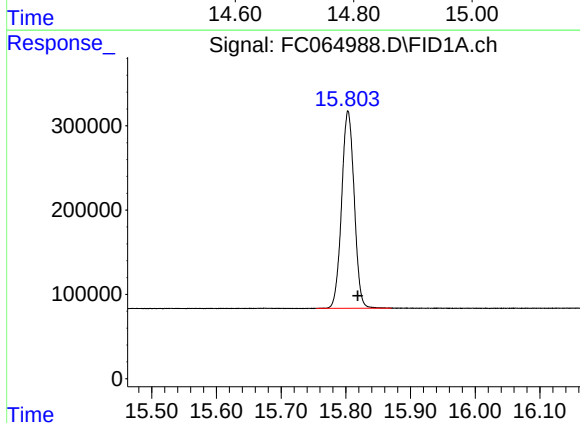
R.T.: 13.690 min
Delta R.T.: -0.015 min
Response: 3428467
Conc: 19.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



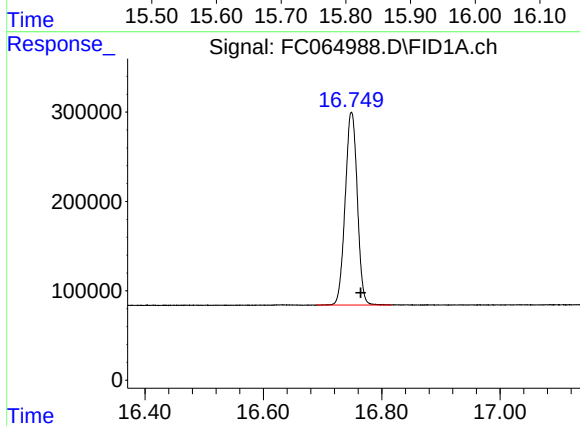
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.014 min
Response: 3293357
Conc: 19.77 ug/ml



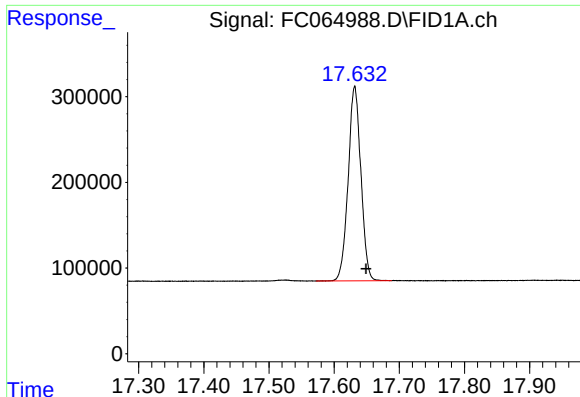
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.015 min
Response: 3158056
Conc: 19.68 ug/ml



#16 n-Octacosane (C28)

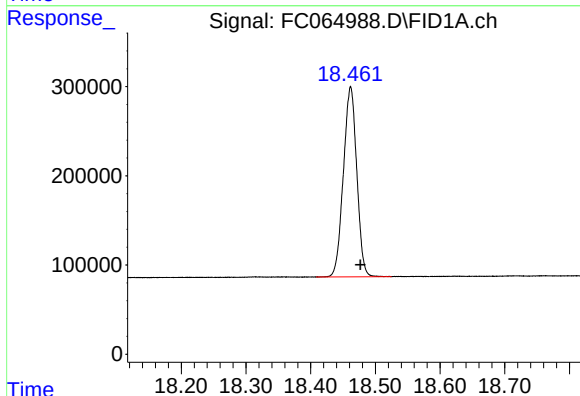
R.T.: 16.749 min
Delta R.T.: -0.016 min
Response: 3064496
Conc: 19.58 ug/ml



#17 n-Tricontane (C30)

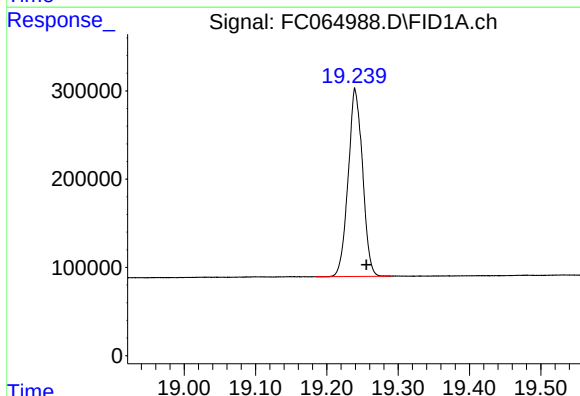
R.T.: 17.632 min
Delta R.T.: -0.018 min
Response: 3080346
Conc: 19.45 ug/ml

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20 PPM ALIPHATIC HC STD



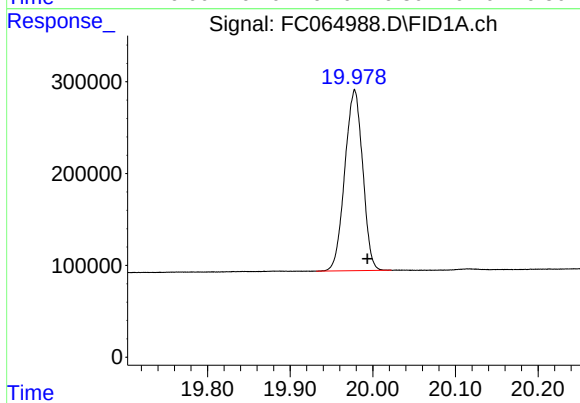
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.015 min
Response: 3060086
Conc: 19.38 ug/ml



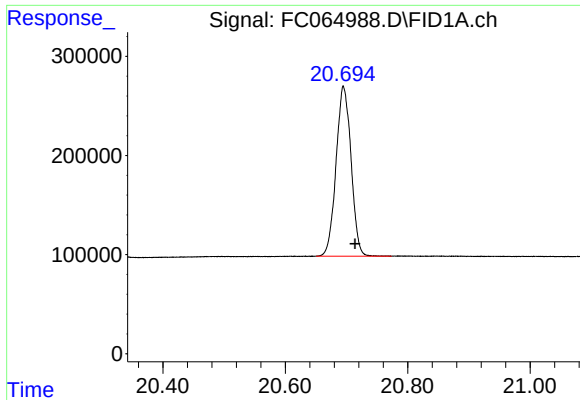
#19 n-Tetratriacontane (C34)

R.T.: 19.240 min
Delta R.T.: -0.016 min
Response: 2983532
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

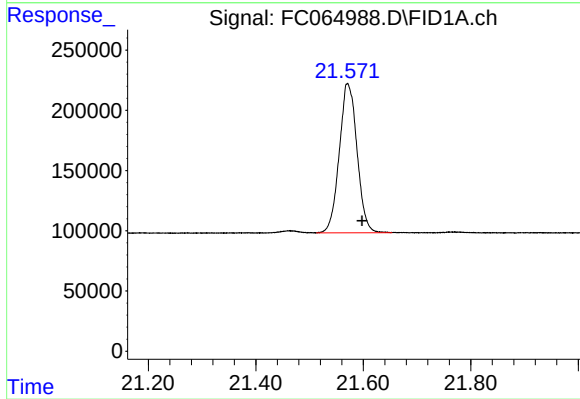
R.T.: 19.978 min
Delta R.T.: -0.016 min
Response: 2950323
Conc: 19.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.695 min
Delta R.T.: -0.019 min
Response: 2911640
Conc: 19.57 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: -0.027 min
Response: 2845414
Conc: 19.35 ug/ml m