

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010423AL\
 Data File : FC062566.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jan 2023 14:08
 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: Jan 05 04:21:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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)	11.557	2936005	20.814 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
12) S 1-chlorooctadecane (S...	12.996	2199822	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	3.315	2770488	21.541 ug/ml
2) T n-Decane (C10)	4.382	2694431	21.660 ug/ml
3) T A~Naphthalene (C11.7)	5.967	3064887	21.599 ug/ml
4) T n-Dodecane (C12)	6.403	2703029	21.580 ug/ml
5) T A~2-methylnaphthalene...	7.025	2879598	22.396 ug/ml
6) T n-Tetradecane (C14)	8.199	2679193	21.999 ug/ml
7) T n-Hexadecane (C16)	9.801	2684789	21.390 ug/ml
8) T n-Octadecane (C18)	11.242	2686341	21.028 ug/ml
10) T n-Eicosane (C20)	12.552	2560794	20.586 ug/ml
11) T n-Heneicosane (C21)	13.165	2543994	20.587 ug/ml
13) T n-Docosane (C22)	13.750	2487294	20.476 ug/ml
14) T n-Tetracosane (C24)	14.850	2438726	20.345 ug/ml
15) T n-Hexacosane (C26)	15.870	2348629	20.218 ug/ml
16) T n-Octacosane (C28)	16.816	2303819	20.270 ug/ml
17) T n-Tricontane (C30)	17.704	2289967	20.483 ug/ml
18) T n-Dotriacontane (C32)	18.534	2314109	20.826 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2273870	21.019 ug/ml
20) T n-Hexatriacontane (C36)	20.056	2200358	21.673 ug/ml
21) T n-Octatriacontane (C38)	20.787	2185461	21.361 ug/ml
22) T n-Tetracontane (C40)	21.693	2126326	20.981 ug/ml

(f)=RT Delta > 1/2 Window

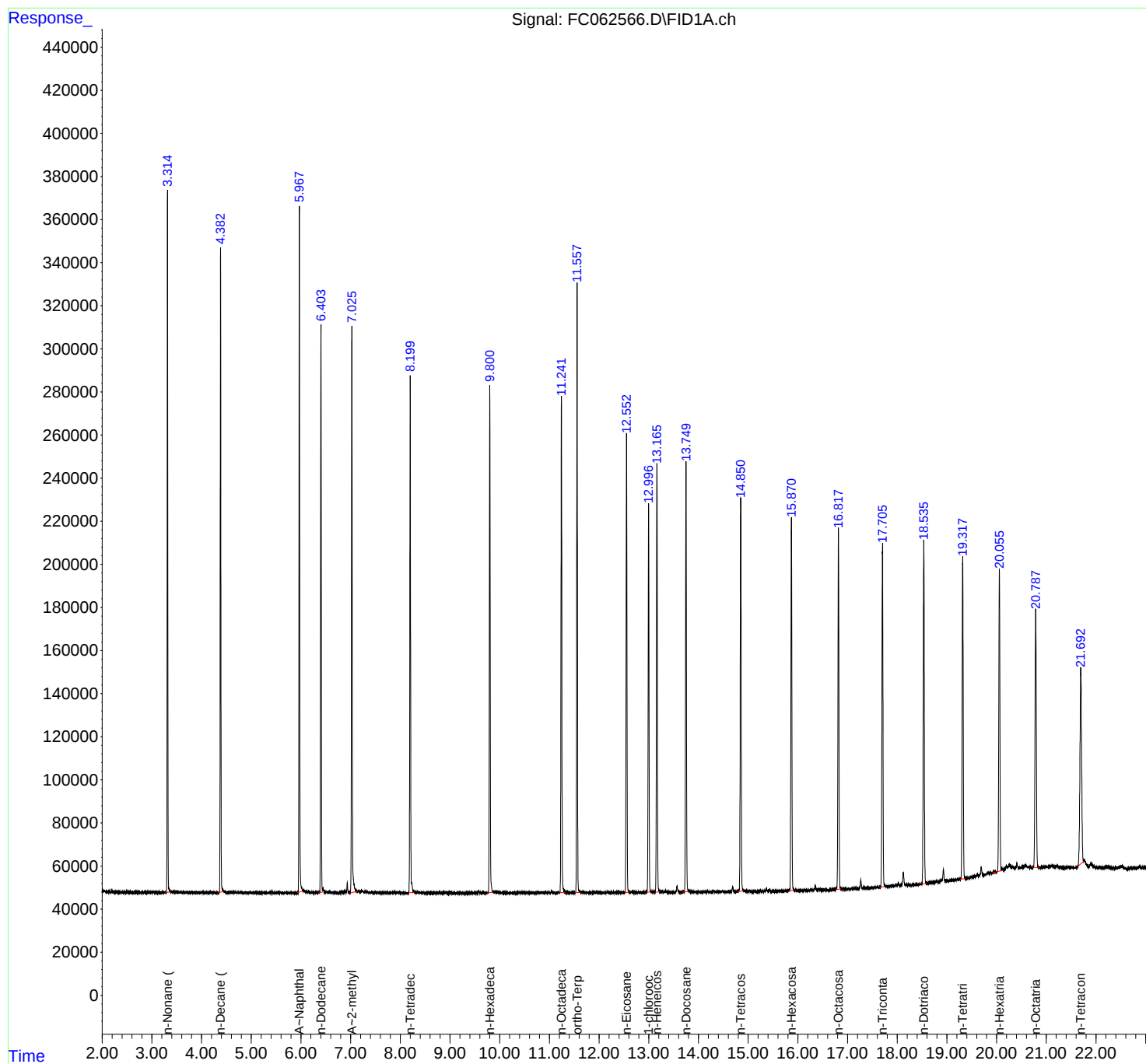
(m)=manual int.

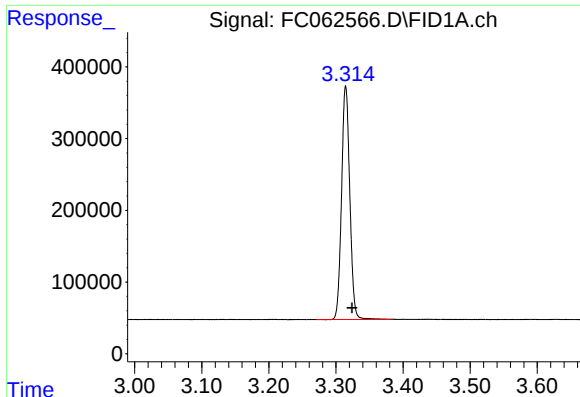
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010423AL\
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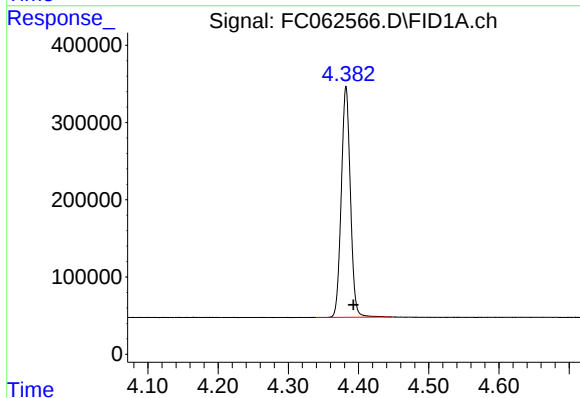




#1 n-Nonane (C9)

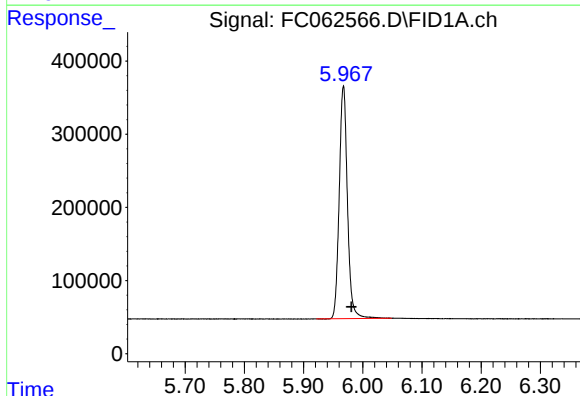
R.T.: 3.315 min
Delta R.T.: -0.009 min
Response: 2770488
Conc: 21.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



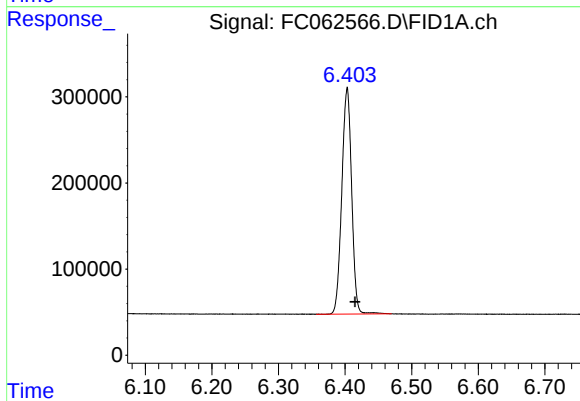
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.010 min
Response: 2694431
Conc: 21.66 ug/ml



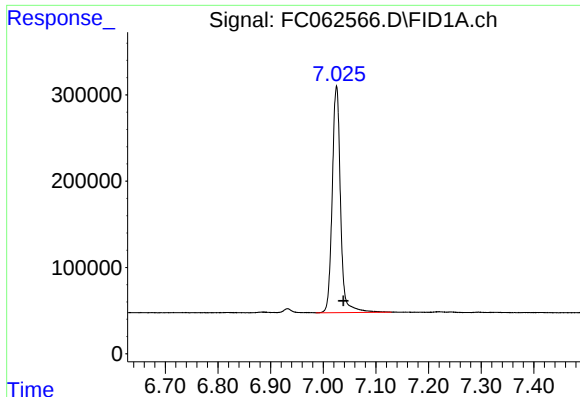
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.013 min
Response: 3064887
Conc: 21.60 ug/ml



#4 n-Dodecane (C12)

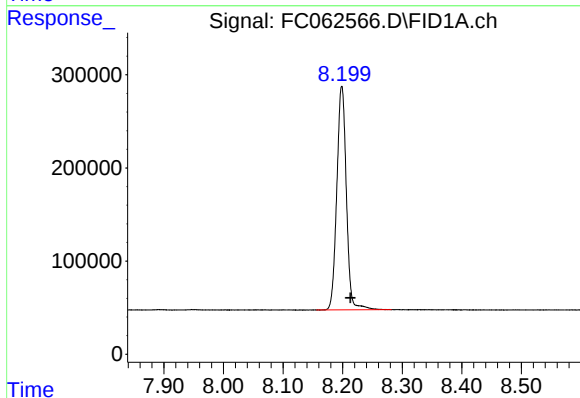
R.T.: 6.403 min
Delta R.T.: -0.012 min
Response: 2703029
Conc: 21.58 ug/ml



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

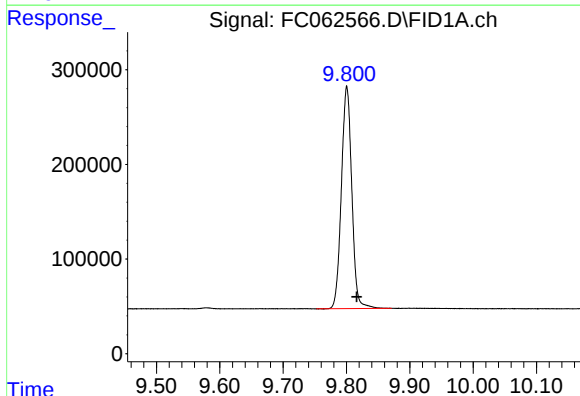
R.T.: 7.025 min
Delta R.T.: -0.013 min
Response: 2879598
Conc: 22.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



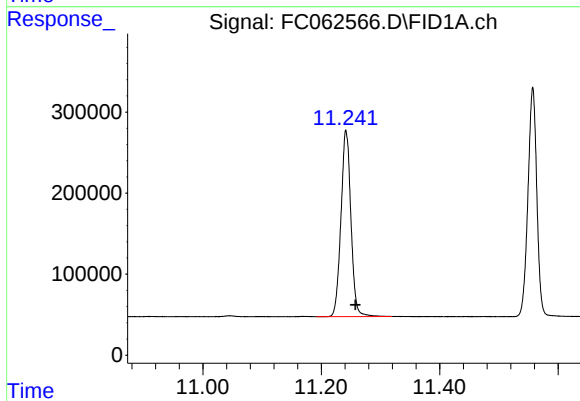
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.014 min
Response: 2679193
Conc: 22.00 ug/ml



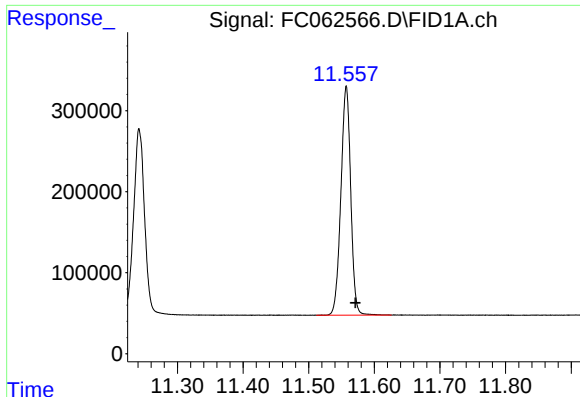
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.015 min
Response: 2684789
Conc: 21.39 ug/ml



#8 n-Octadecane (C18)

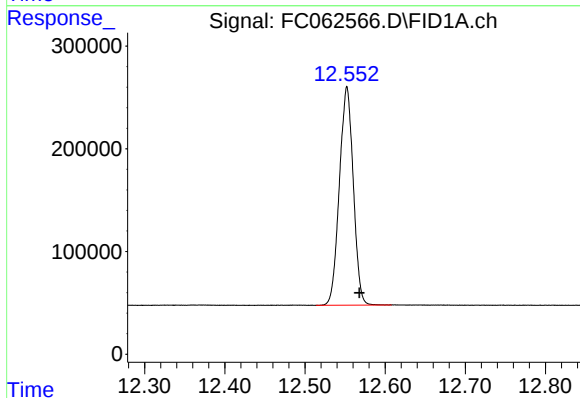
R.T.: 11.242 min
Delta R.T.: -0.016 min
Response: 2686341
Conc: 21.03 ug/ml



#9 ortho-Terphenyl (SURR)

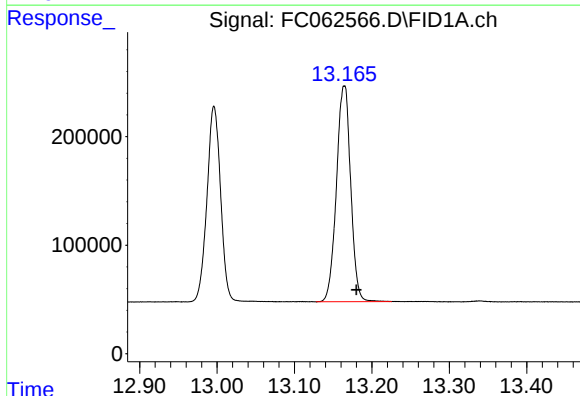
R.T.: 11.557 min
Delta R.T.: -0.014 min
Response: 2936005
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



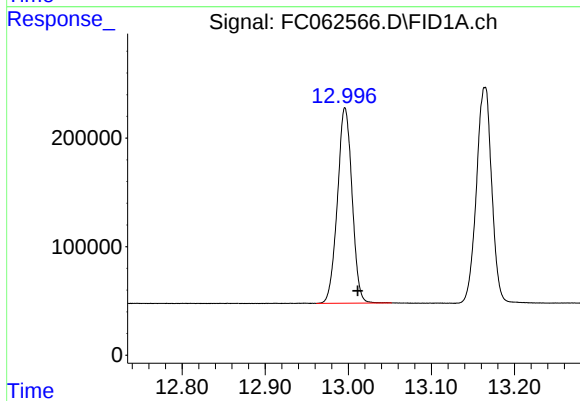
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.015 min
Response: 2560794
Conc: 20.59 ug/ml



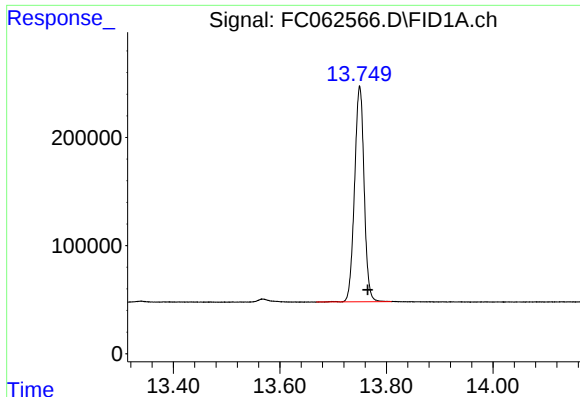
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.015 min
Response: 2543994
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

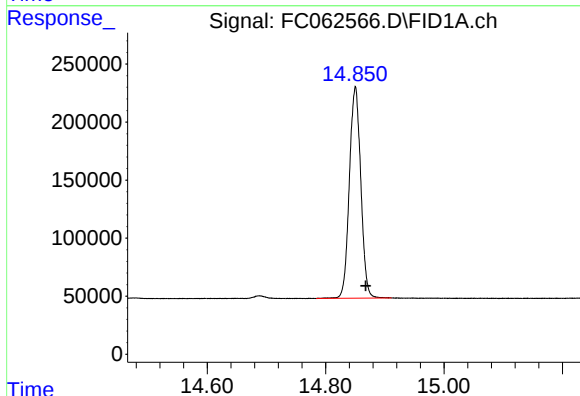
R.T.: 12.996 min
Delta R.T.: -0.015 min
Response: 2199822
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

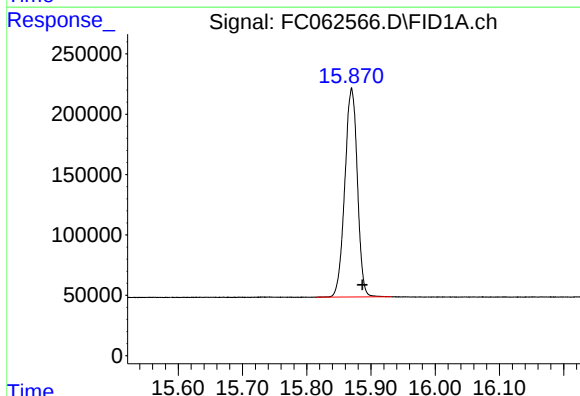
R.T.: 13.750 min
Delta R.T.: -0.015 min
Response: 2487294
Conc: 20.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



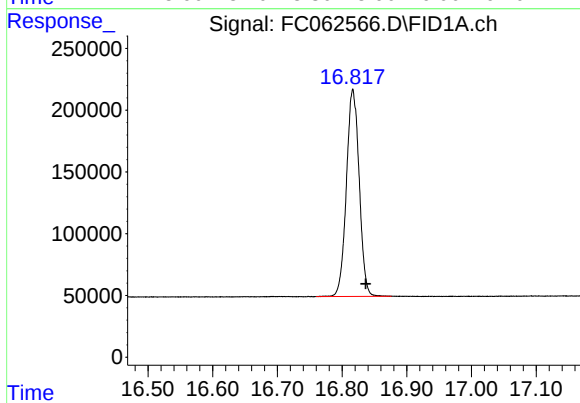
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: -0.018 min
Response: 2438726
Conc: 20.35 ug/ml



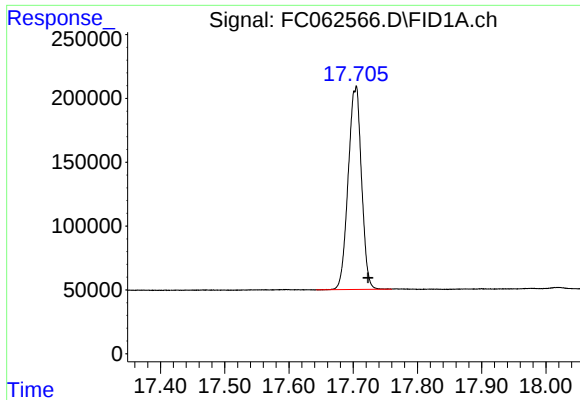
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: -0.017 min
Response: 2348629
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

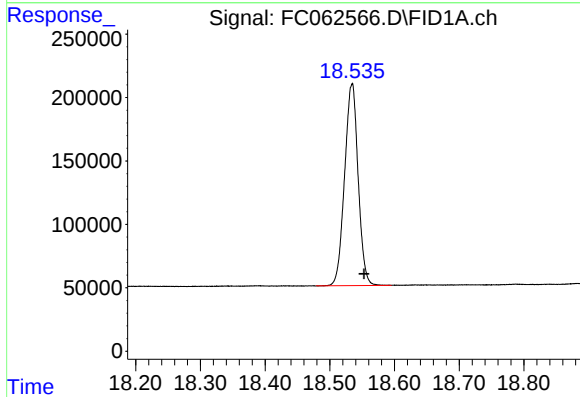
R.T.: 16.816 min
Delta R.T.: -0.020 min
Response: 2303819
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

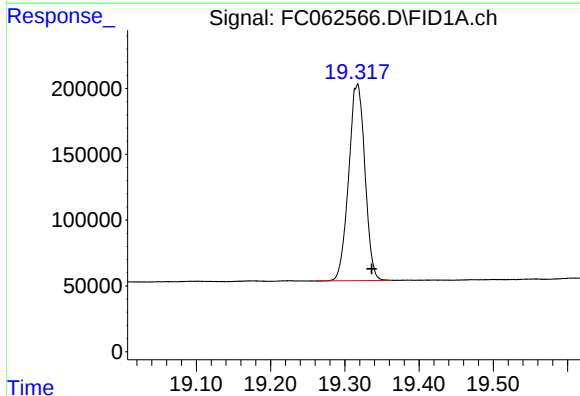
R.T.: 17.704 min
Delta R.T.: -0.019 min
Response: 2289967
Conc: 20.48 ug/ml

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ClientSampleId :
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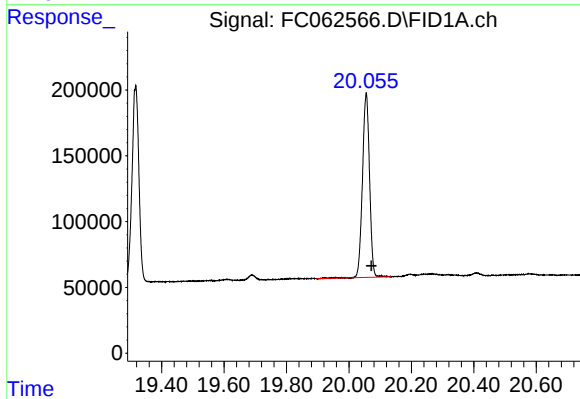
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.018 min
Response: 2314109
Conc: 20.83 ug/ml



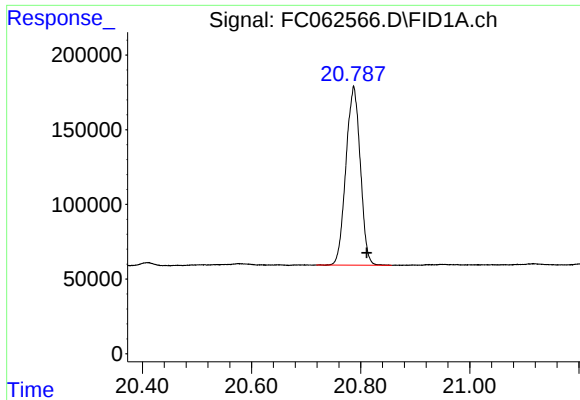
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.019 min
Response: 2273870
Conc: 21.02 ug/ml



#20 n-Hexatriacontane (C36)

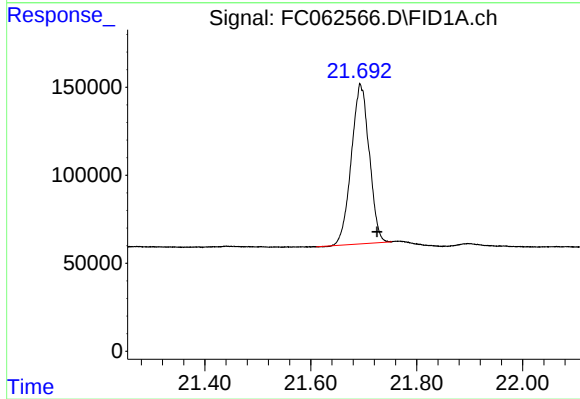
R.T.: 20.056 min
Delta R.T.: -0.016 min
Response: 2200358
Conc: 21.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.024 min
Response: 2185461
Conc: 21.36 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.032 min
Response: 2126326
Conc: 20.98 ug/ml