

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120122AL\
 Data File : FC062341.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2022 11:58
 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: sample.E
 Quant Time: Dec 01 12:30:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 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)	11.591	2651386	19.424 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	13.028	2057554	20.241 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T n-Nonane (C9)	3.342	2713084	19.493 ug/ml
2) T n-Decane (C10)	4.410	2760854	20.406 ug/ml
3) T A~Naphthalene (C11.7)	5.998	2882473	19.675 ug/ml
4) T n-Dodecane (C12)	6.433	2768245	20.722 ug/ml
5) T A~2-methylnaphthalene...	7.057	2775172	20.695 ug/ml
6) T n-Tetradecane (C14)	8.230	2691030	20.614 ug/ml
7) T n-Hexadecane (C16)	9.832	2698914	20.817 ug/ml
8) T n-Octadecane (C18)	11.275	2656225	20.802 ug/ml
10) T n-Eicosane (C20)	12.583	2572034	21.159 ug/ml
11) T n-Heneicosane (C21)	13.196	2515943	20.875 ug/ml
13) T n-Docosane (C22)	13.783	2458413	20.855 ug/ml
14) T n-Tetracosane (C24)	14.884	2365701	20.559 ug/ml
15) T n-Hexacosane (C26)	15.903	2291814	20.569 ug/ml
16) T n-Octacosane (C28)	16.854	2287517	20.863 ug/ml
17) T n-Tricontane (C30)	17.741	2481236	22.658 ug/ml
18) T n-Dotriacontane (C32)	18.570	2558061	23.161 ug/ml
19) T n-Tetratriacontane (C34)	19.354	2431243	22.236 ug/ml
20) T n-Hexatriacontane (C36)	20.090	2352100	22.443 ug/ml
21) T n-Octatriacontane (C38)	20.828	2227862	21.526 ug/ml
22) T n-Tetracontane (C40)	21.753	2124967	20.701 ug/ml

(f)=RT Delta > 1/2 Window

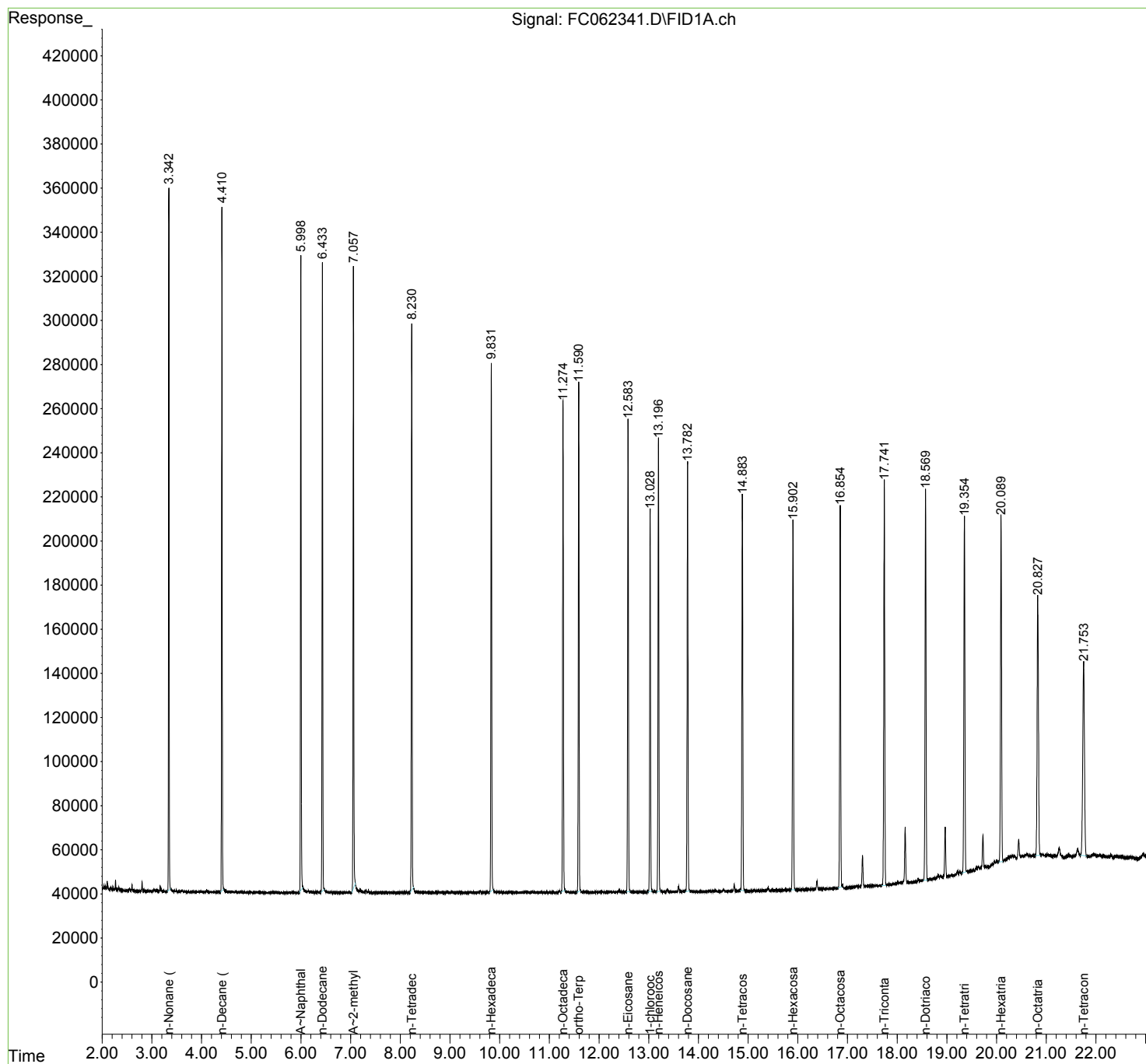
(m)=manual int.

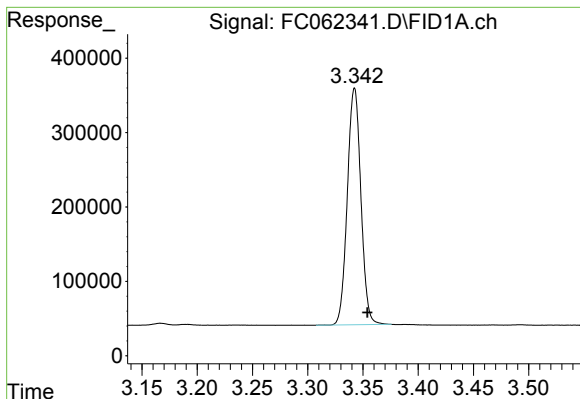
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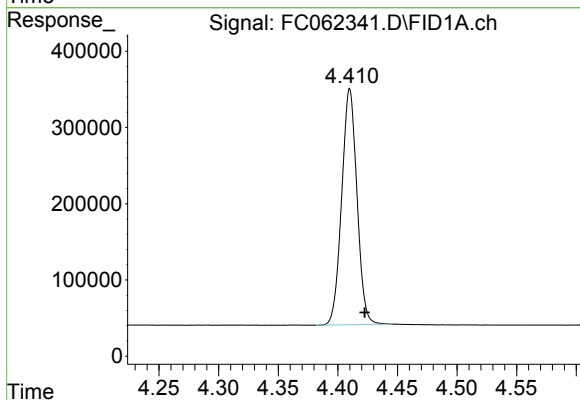




#1 n-Nonane (C9)

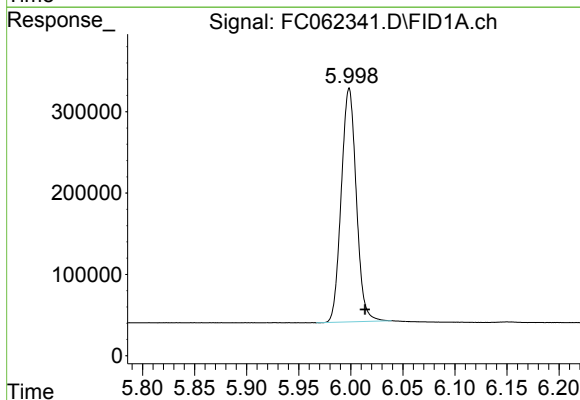
R.T.: 3.342 min
Delta R.T.: -0.012 min
Response: 2713084
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



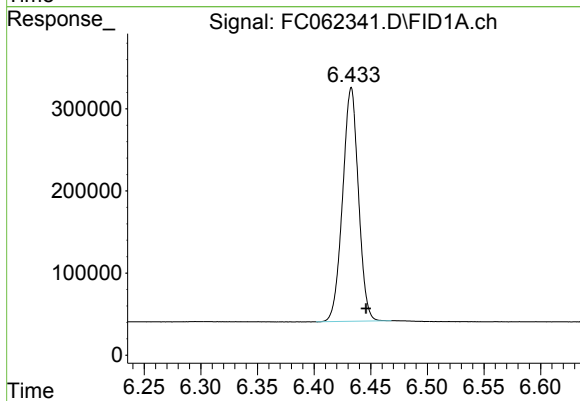
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: -0.012 min
Response: 2760854
Conc: 20.41 ug/ml



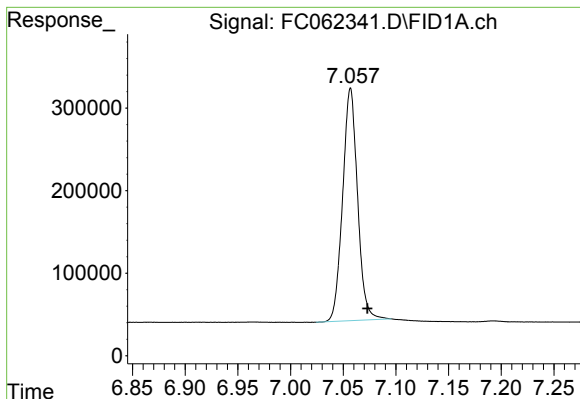
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.015 min
Response: 2882473
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

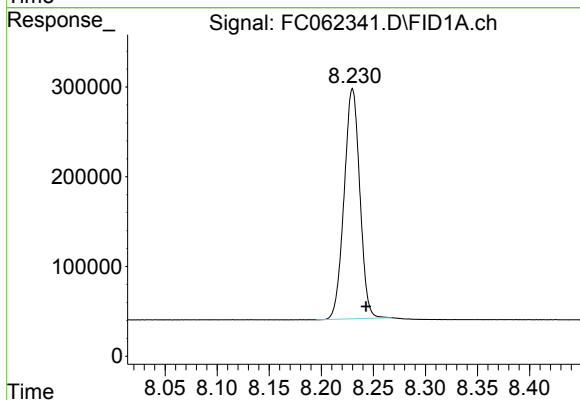
R.T.: 6.433 min
Delta R.T.: -0.013 min
Response: 2768245
Conc: 20.72 ug/ml



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

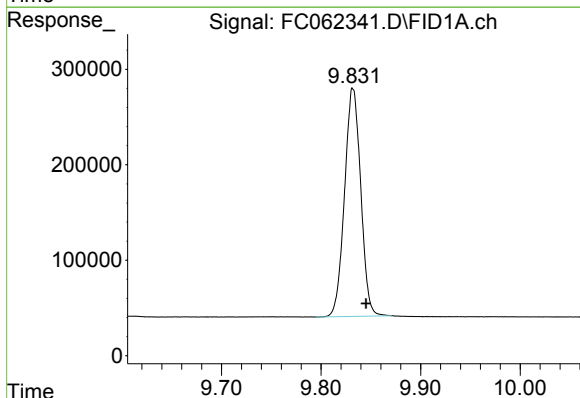
R.T.: 7.057 min
Delta R.T.: -0.016 min
Response: 2775172
Conc: 20.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



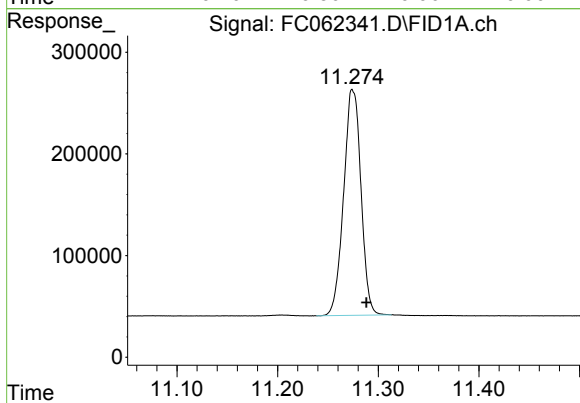
#6 n-Tetradecane (C14)

R.T.: 8.230 min
Delta R.T.: -0.013 min
Response: 2691030
Conc: 20.61 ug/ml



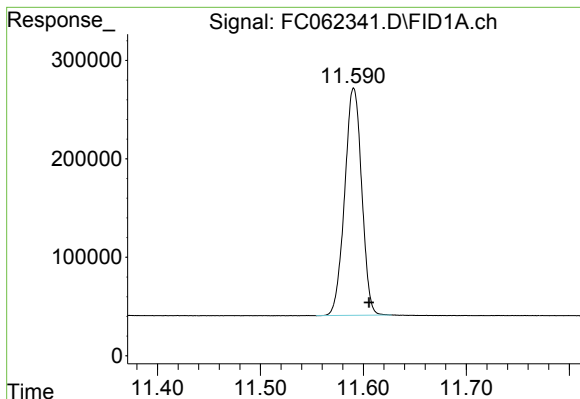
#7 n-Hexadecane (C16)

R.T.: 9.832 min
Delta R.T.: -0.013 min
Response: 2698914
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

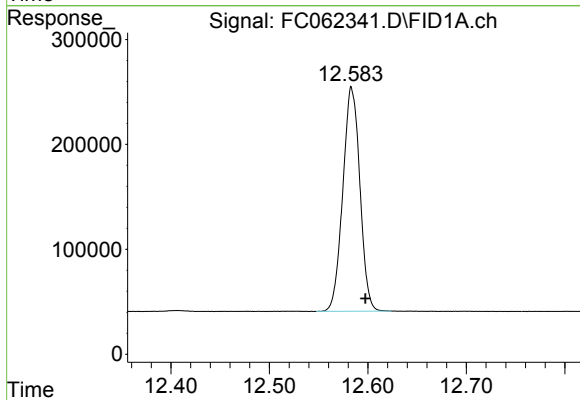
R.T.: 11.275 min
Delta R.T.: -0.014 min
Response: 2656225
Conc: 20.80 ug/ml



#9 ortho-Terphenyl (SURR)

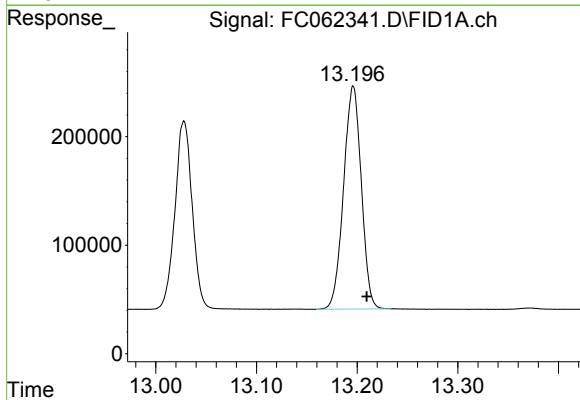
R.T.: 11.591 min
Delta R.T.: -0.015 min
Response: 2651386
Conc: 19.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



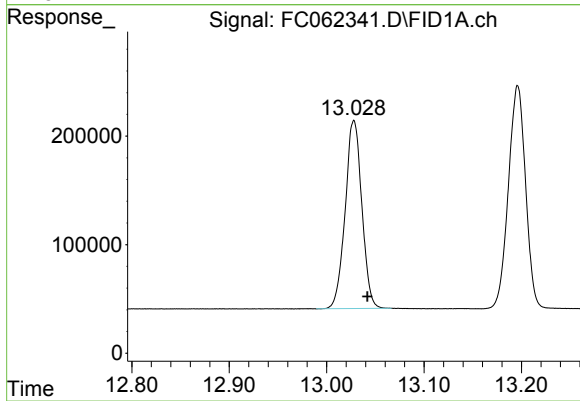
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.014 min
Response: 2572034
Conc: 21.16 ug/ml



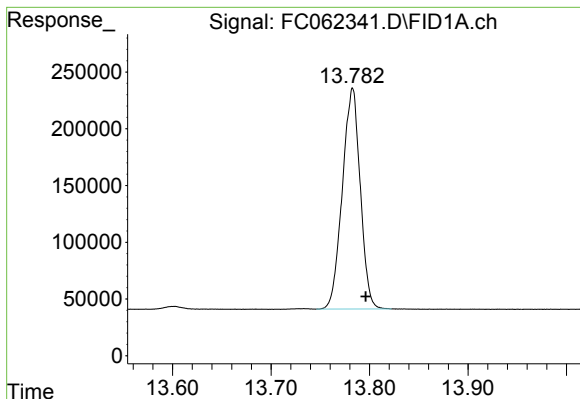
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: -0.013 min
Response: 2515943
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

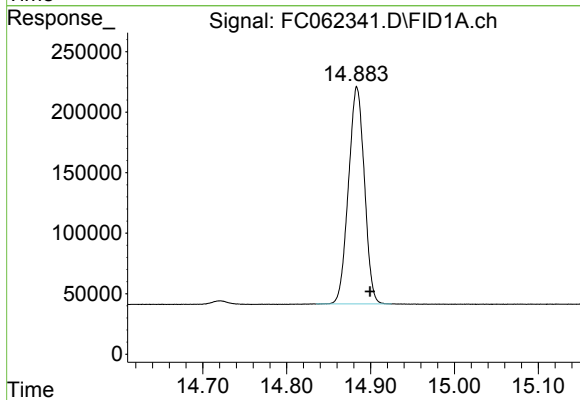
R.T.: 13.028 min
Delta R.T.: -0.014 min
Response: 2057554
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

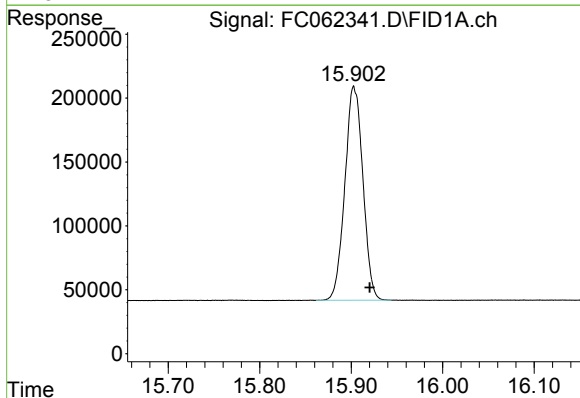
R.T.: 13.783 min
Delta R.T.: -0.013 min
Response: 2458413
Conc: 20.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



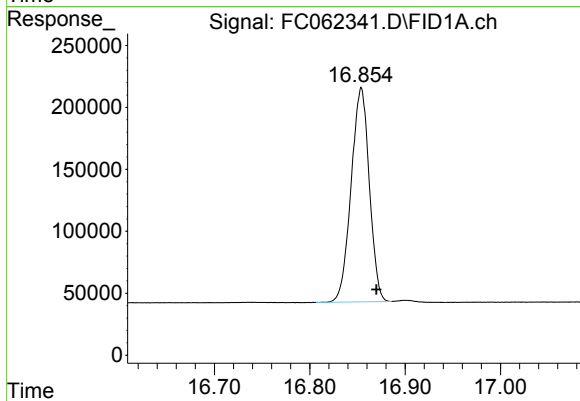
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: -0.016 min
Response: 2365701
Conc: 20.56 ug/ml



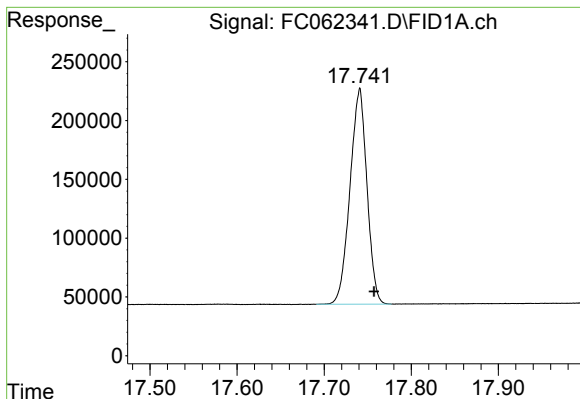
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: -0.018 min
Response: 2291814
Conc: 20.57 ug/ml



#16 n-Octacosane (C28)

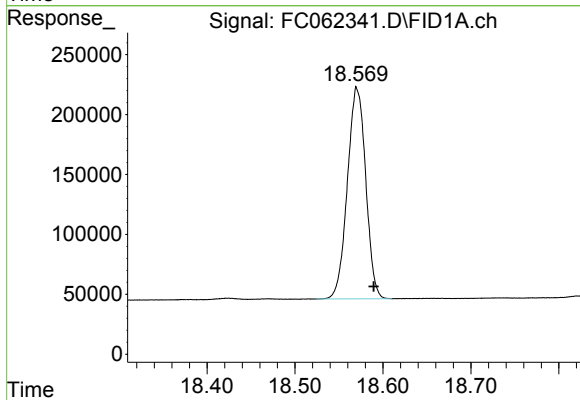
R.T.: 16.854 min
Delta R.T.: -0.016 min
Response: 2287517
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

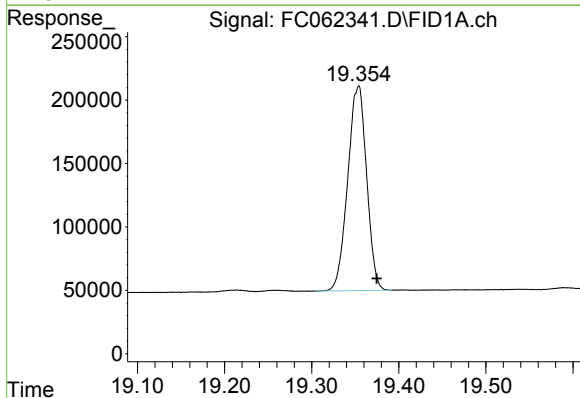
R.T.: 17.741 min
Delta R.T.: -0.017 min
Response: 2481236
Conc: 22.66 ug/ml

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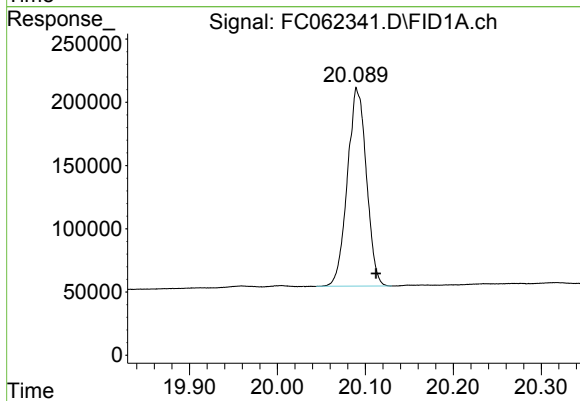
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.019 min
Response: 2558061
Conc: 23.16 ug/ml



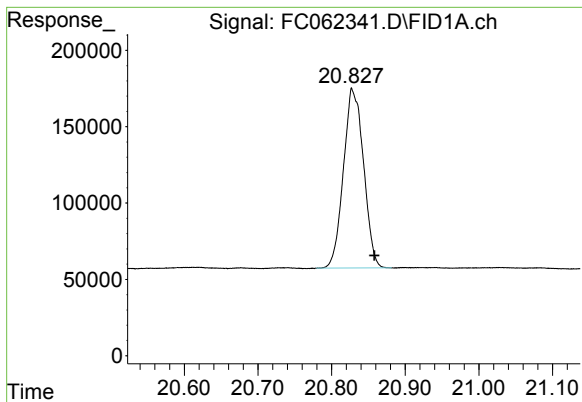
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.021 min
Response: 2431243
Conc: 22.24 ug/ml



#20 n-Hexatriacontane (C36)

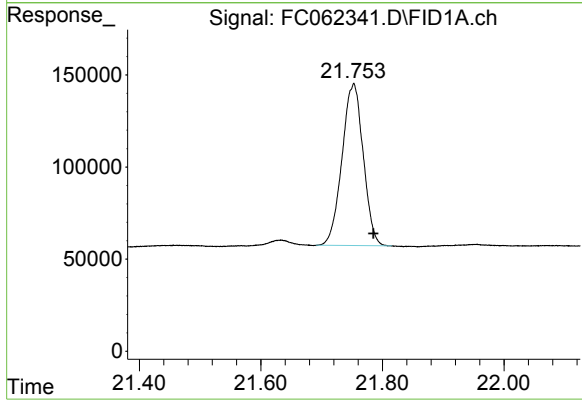
R.T.: 20.090 min
Delta R.T.: -0.022 min
Response: 2352100
Conc: 22.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.828 min
Delta R.T.: -0.030 min
Response: 2227862
Conc: 21.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.753 min
Delta R.T.: -0.032 min
Response: 2124967
Conc: 20.70 ug/ml