

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072022AL\
 Data File : FC060806.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2022 18:02
 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: Jul 21 02:05:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.634	3084143	16.830 ug/ml
Spiked Amount 50.000		Recovery =	33.66%
12) S 1-chlorooctadecane (S...	12.001	2509391	17.025 ug/ml
Spiked Amount 50.000		Recovery =	34.05%
Target Compounds			
1) T n-Nonane (C9)	2.618	2915098	19.004 ug/ml
2) T n-Decane (C10)	3.617	2956813	19.361 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3090605	18.486 ug/ml
4) T n-Dodecane (C12)	5.568	3055135	18.904 ug/ml
5) T A~2-methylnaphthalene...	6.184	3020039	17.766 ug/ml
6) T n-Tetradecane (C14)	7.318	3047977	18.450 ug/ml
7) T n-Hexadecane (C16)	8.880	3026011	17.905 ug/ml
8) T n-Octadecane (C18)	10.287	2979454	17.318 ug/ml
10) T n-Eicosane (C20)	11.565	2896648	16.972 ug/ml
11) T n-Heneicosane (C21)	12.162	2838107	16.646 ug/ml
13) T n-Docosane (C22)	12.734	2779098	16.303 ug/ml
14) T n-Tetracosane (C24)	13.810	2674137	15.927 ug/ml
15) T n-Hexacosane (C26)	14.807	2551912	15.529 ug/ml
16) T n-Octacosane (C28)	15.733	2499696	15.753 ug/ml
17) T n-Tricontane (C30)	16.601	2526165	16.595 ug/ml
18) T n-Dotriacontane (C32)	17.412	2539959	17.473 ug/ml
19) T n-Tetratriacontane (C34)	18.177	2422002	19.069 ug/ml
20) T n-Hexatriacontane (C36)	18.899	2397118	21.359 ug/ml
21) T n-Octatriacontane (C38)	19.579	2309586	21.099 ug/ml
22) T n-Tetracontane (C40)	20.227	2245758	19.885 ug/ml

(f)=RT Delta > 1/2 Window

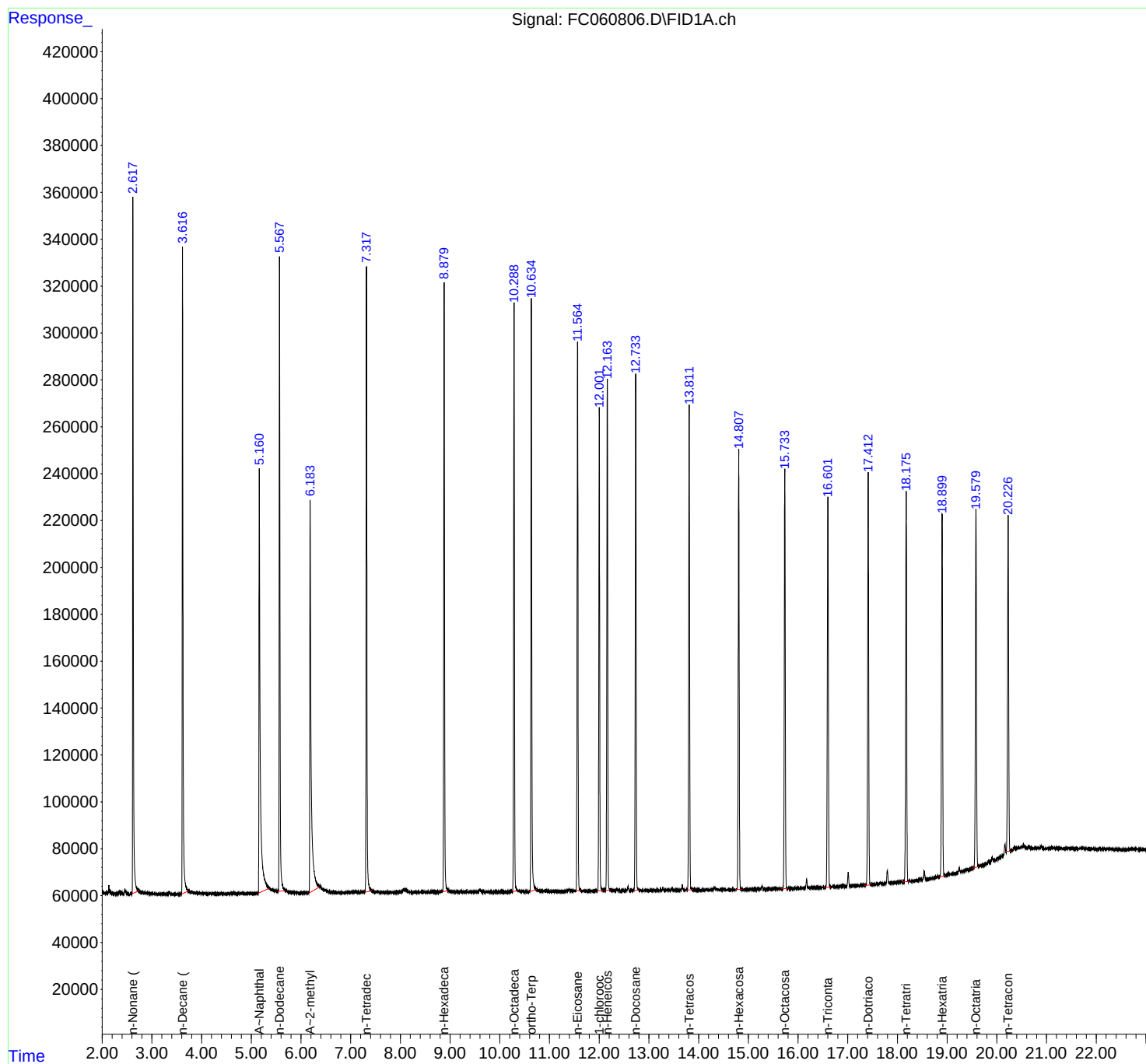
(m)=manual int.

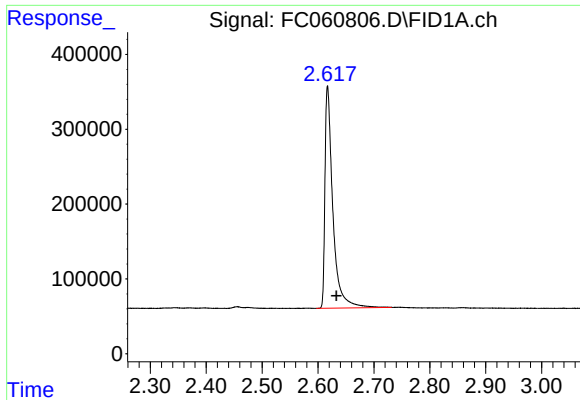
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072022AL\
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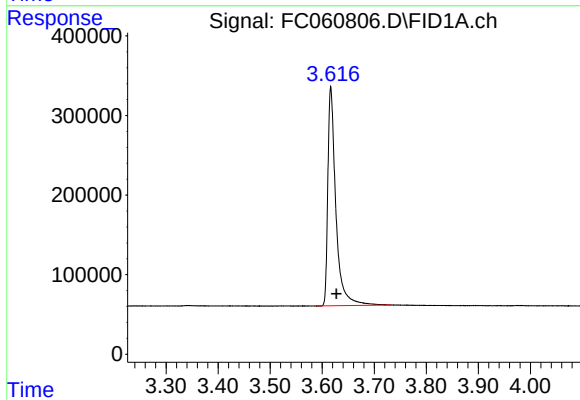




#1 n-Nonane (C9)

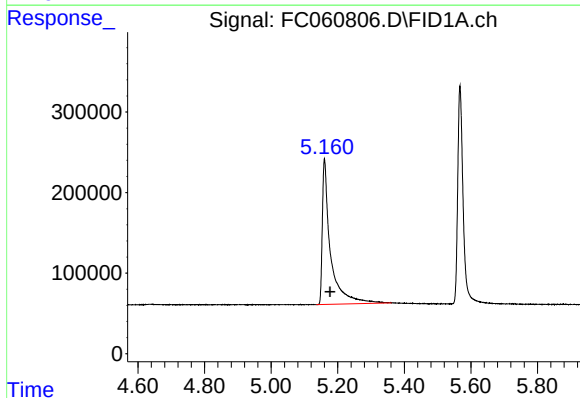
R.T.: 2.618 min
Delta R.T.: -0.015 min
Response: 2915098
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



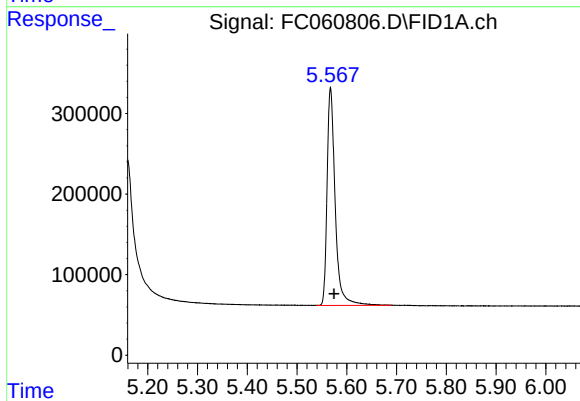
#2 n-Decane (C10)

R.T.: 3.617 min
Delta R.T.: -0.010 min
Response: 2956813
Conc: 19.36 ug/ml



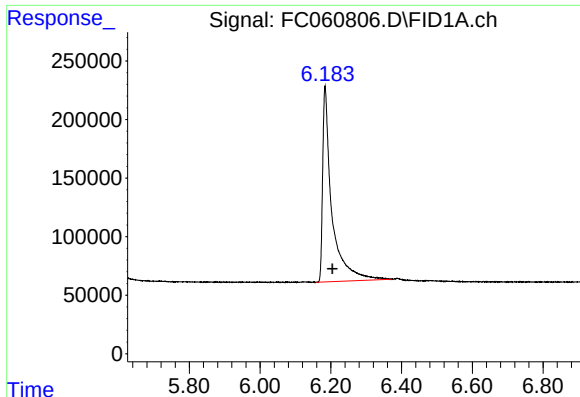
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.016 min
Response: 3090605
Conc: 18.49 ug/ml



#4 n-Dodecane (C12)

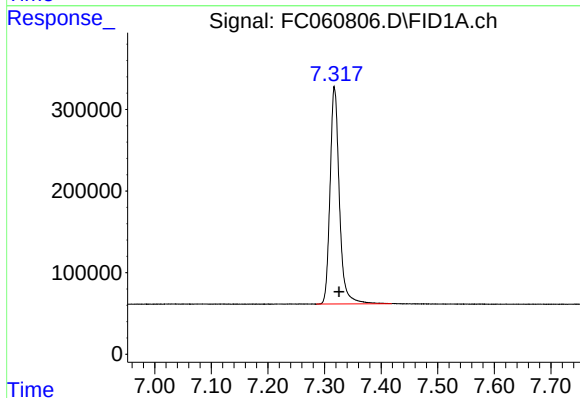
R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 3055135
Conc: 18.90 ug/ml



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

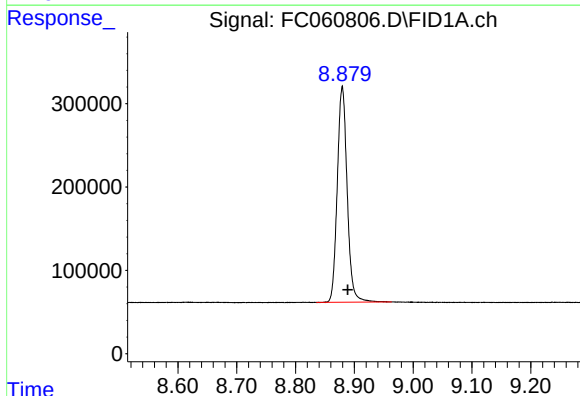
R.T.: 6.184 min
Delta R.T.: -0.020 min
Response: 3020039
Conc: 17.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



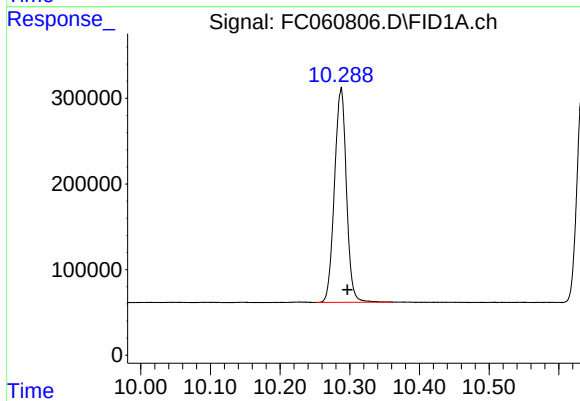
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 3047977
Conc: 18.45 ug/ml



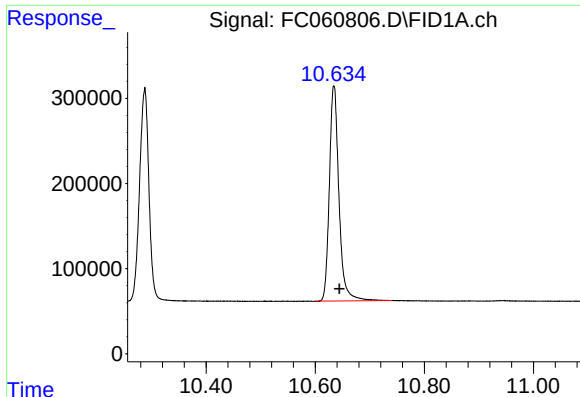
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.009 min
Response: 3026011
Conc: 17.91 ug/ml



#8 n-Octadecane (C18)

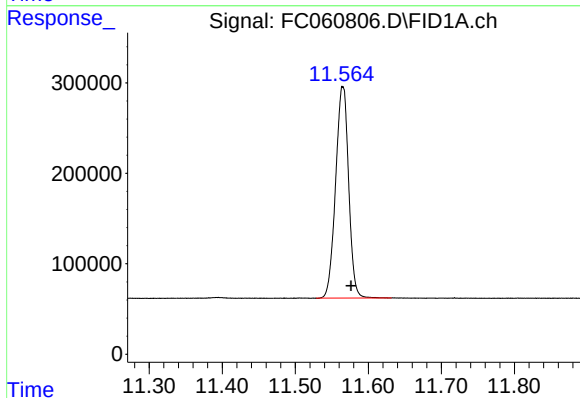
R.T.: 10.287 min
Delta R.T.: -0.009 min
Response: 2979454
Conc: 17.32 ug/ml



#9 ortho-Terphenyl (SURR)

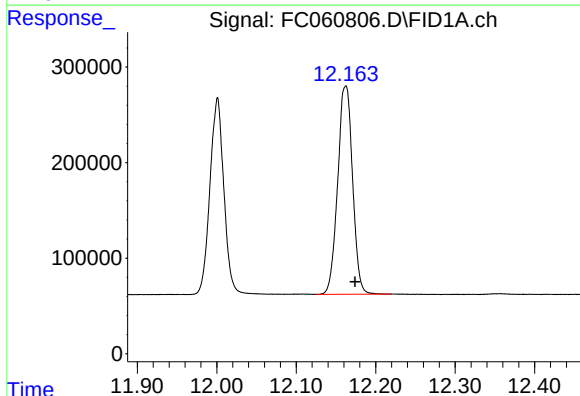
R.T.: 10.634 min
Delta R.T.: -0.010 min
Response: 3084143
Conc: 16.83 ug/ml

Instrument :
FID_C
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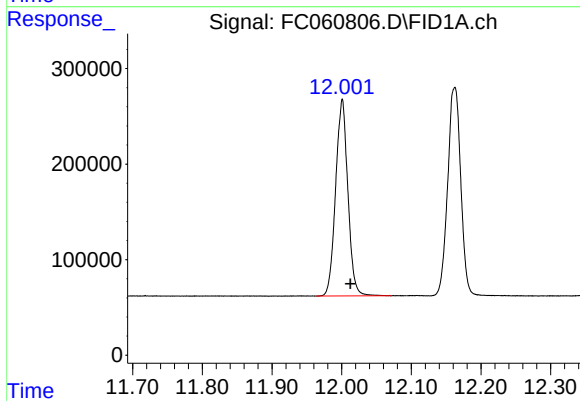
#10 n-Eicosane (C20)

R.T.: 11.565 min
Delta R.T.: -0.011 min
Response: 2896648
Conc: 16.97 ug/ml



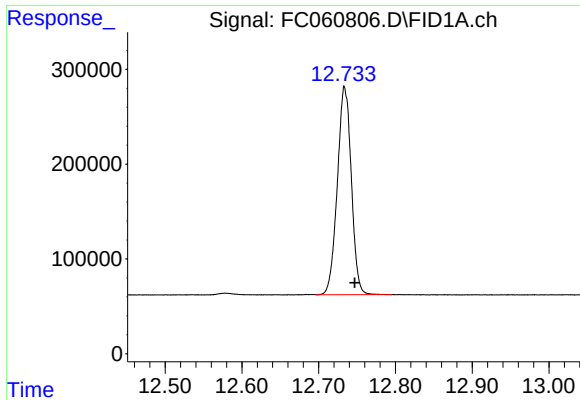
#11 n-Heneicosane (C21)

R.T.: 12.162 min
Delta R.T.: -0.012 min
Response: 2838107
Conc: 16.65 ug/ml



#12 1-chlorooctadecane (SURR)

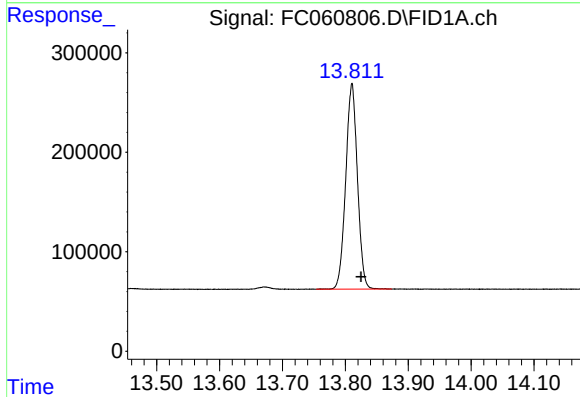
R.T.: 12.001 min
Delta R.T.: -0.012 min
Response: 2509391
Conc: 17.02 ug/ml



#13 n-Docosane (C22)

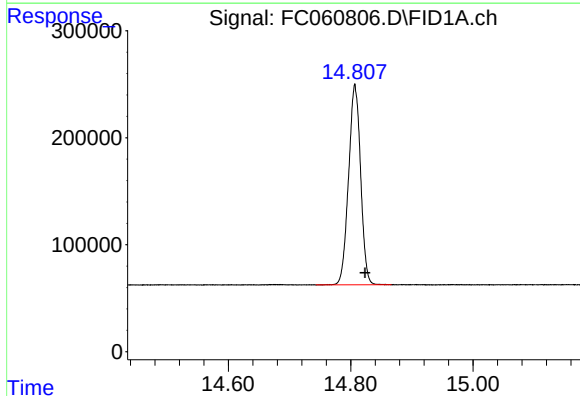
R.T.: 12.734 min
Delta R.T.: -0.013 min
Response: 2779098
Conc: 16.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



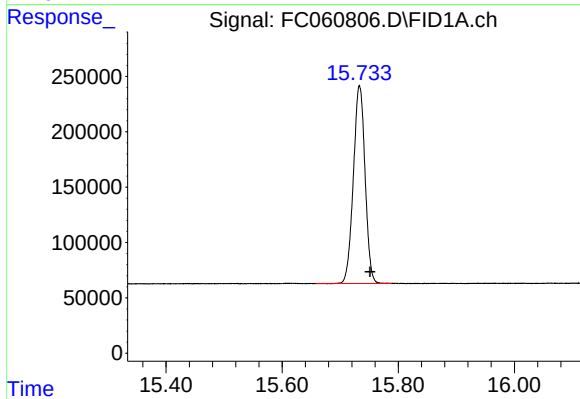
#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: -0.015 min
Response: 2674137
Conc: 15.93 ug/ml



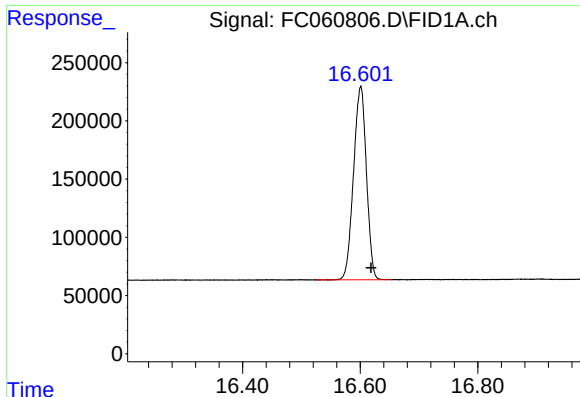
#15 n-Hexacosane (C26)

R.T.: 14.807 min
Delta R.T.: -0.017 min
Response: 2551912
Conc: 15.53 ug/ml



#16 n-Octacosane (C28)

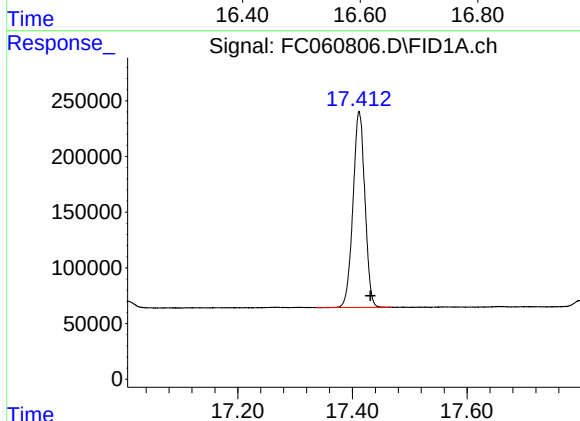
R.T.: 15.733 min
Delta R.T.: -0.018 min
Response: 2499696
Conc: 15.75 ug/ml



#17 n-Tricontane (C30)

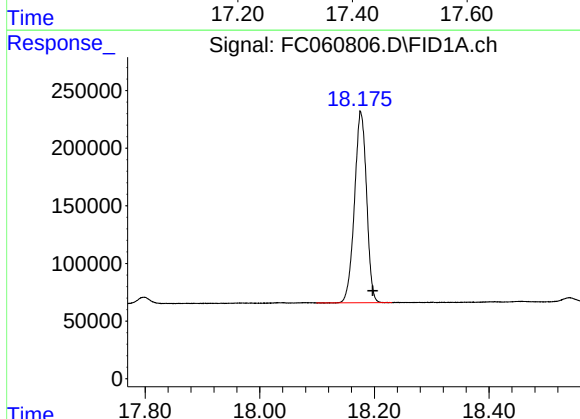
R.T.: 16.601 min
Delta R.T.: -0.018 min
Response: 2526165
Conc: 16.60 ug/ml

Instrument :
FID_C
ClientSampleId :
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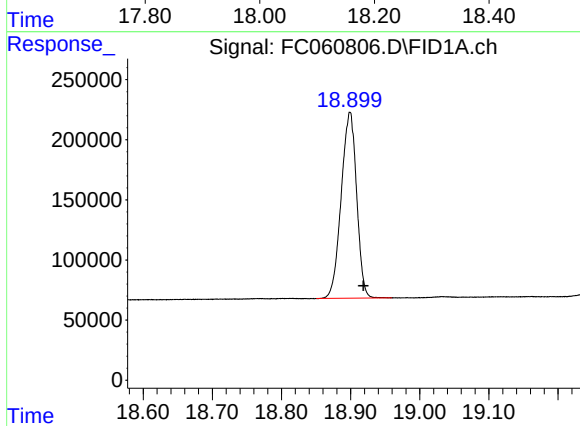
#18 n-Dotriacontane (C32)

R.T.: 17.412 min
Delta R.T.: -0.019 min
Response: 2539959
Conc: 17.47 ug/ml



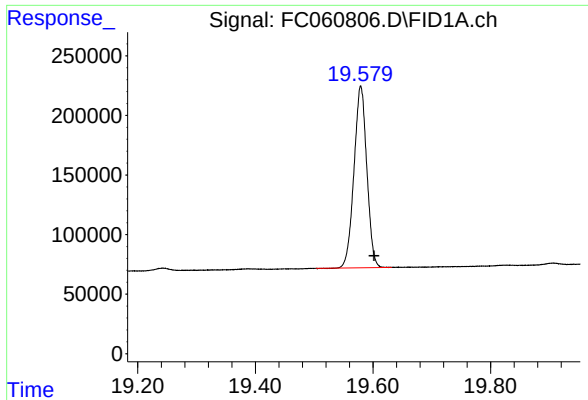
#19 n-Tetratriacontane (C34)

R.T.: 18.177 min
Delta R.T.: -0.021 min
Response: 2422002
Conc: 19.07 ug/ml



#20 n-Hexatriacontane (C36)

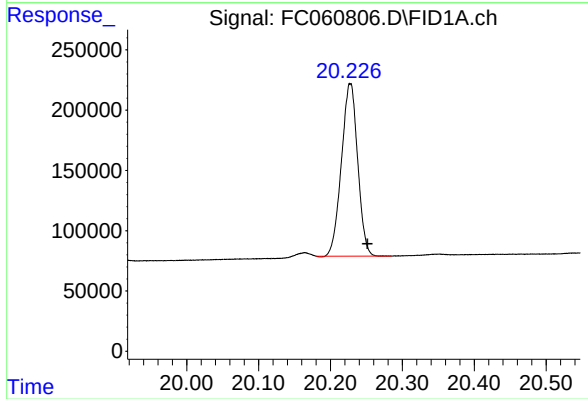
R.T.: 18.899 min
Delta R.T.: -0.020 min
Response: 2397118
Conc: 21.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.579 min
Delta R.T.: -0.023 min
Response: 2309586
Conc: 21.10 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.227 min
Delta R.T.: -0.024 min
Response: 2245758
Conc: 19.88 ug/ml