

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060621AL\
 Data File : FC054046.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jun 2021 8:43
 Operator : DD\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: Jun 07 03:48:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.363	2803945	20.082 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
12) S 1-chlorooctadecane (S...	12.808	2162657	19.289 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
Target Compounds			
1) T n-Nonane (C9)	3.162	2659512	22.511 ug/ml
2) T n-Decane (C10)	4.220	2706409	22.707 ug/ml
3) T A~Naphthalene (C11.7)	5.789	2959912	22.632 ug/ml
4) T n-Dodecane (C12)	6.231	2768673	22.553 ug/ml
5) T A~2-methylnaphthalene...	6.843	2994331	22.431 ug/ml
6) T n-Tetradecane (C14)	8.021	2759037	22.243 ug/ml
7) T n-Hexadecane (C16)	9.619	2698125	21.656 ug/ml
8) T n-Octadecane (C18)	11.059	2734035	20.757 ug/ml
10) T n-Eicosane (C20)	12.366	2653846	19.799 ug/ml
11) T n-Heneicosane (C21)	12.977	2600927	19.392 ug/ml
13) T n-Docosane (C22)	13.563	2564230	19.079 ug/ml
14) T n-Tetracosane (C24)	14.664	2453202	18.271 ug/ml
15) T n-Hexacosane (C26)	15.685	2365685	17.849 ug/ml
16) T n-Octacosane (C28)	16.635	2333306	17.671 ug/ml
17) T n-Tricontane (C30)	17.522	2322182	17.710 ug/ml
18) T n-Dotriacontane (C32)	18.355	2284800	17.711 ug/ml
19) T n-Tetratriacontane (C34)	19.138	2249105	18.436 ug/ml
20) T n-Hexatriacontane (C36)	19.878	2163446	19.163 ug/ml
21) T n-Octatriacontane (C38)	20.587	2065691	20.487 ug/ml
22) T n-Tetracontane (C40)	21.423	2135001	21.155 ug/ml

(f)=RT Delta > 1/2 Window

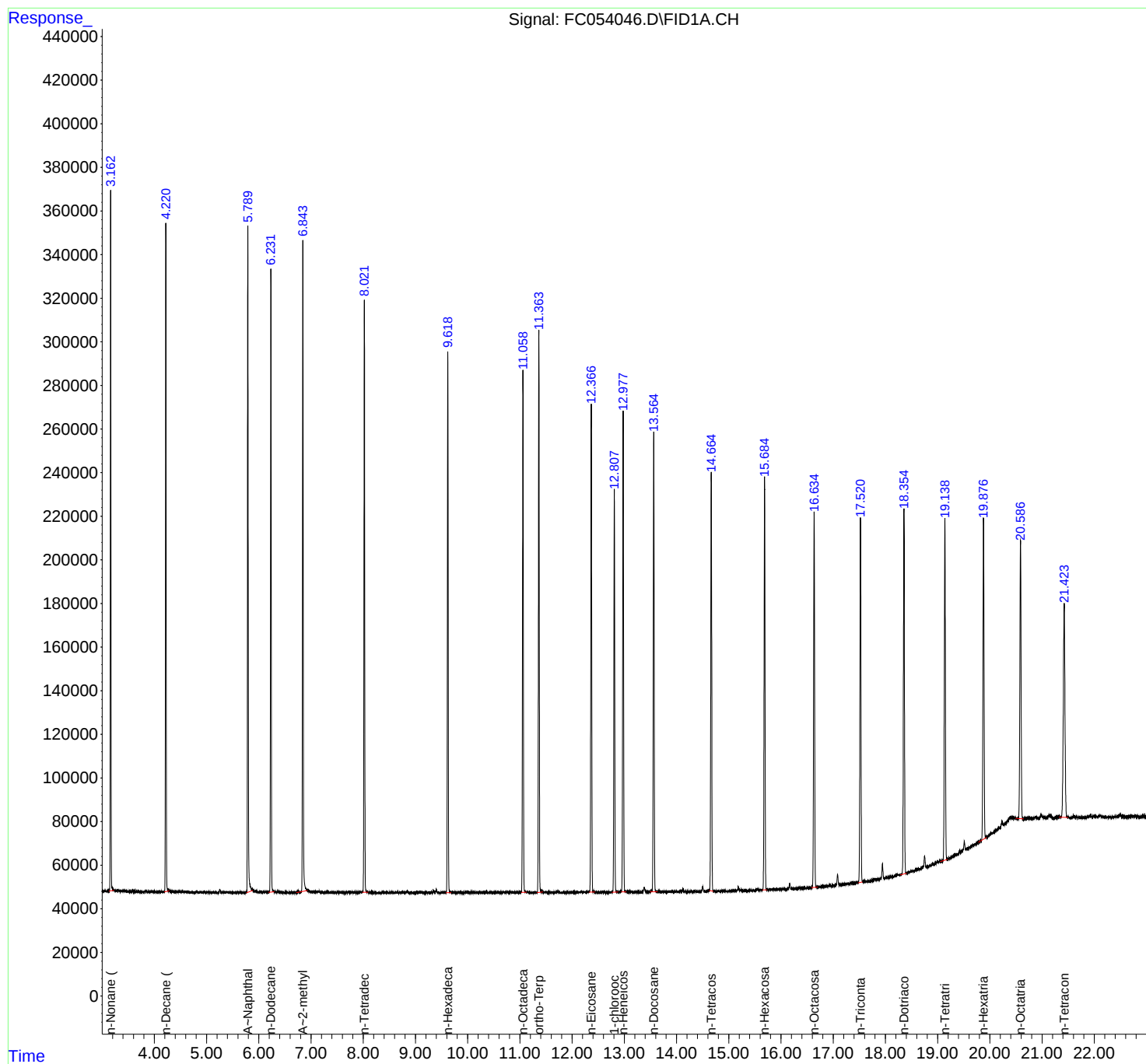
(m)=manual int.

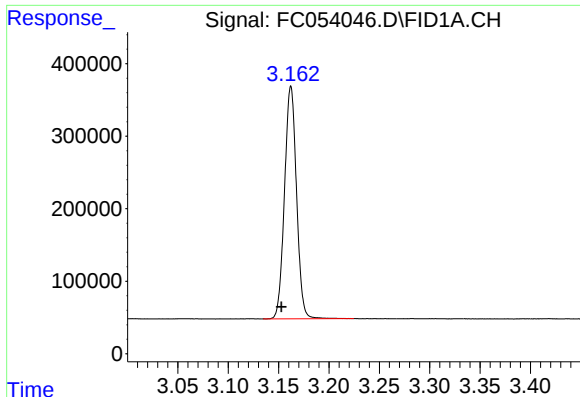
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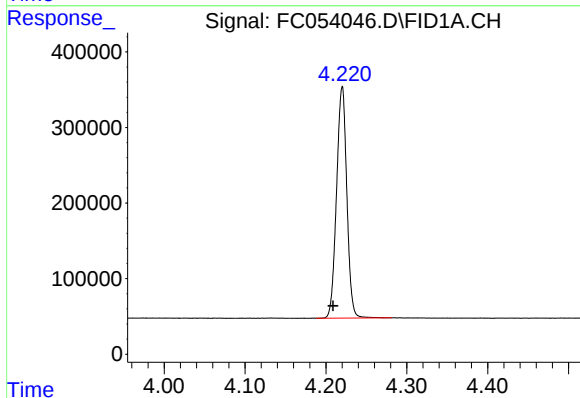




#1 n-Nonane (C9)

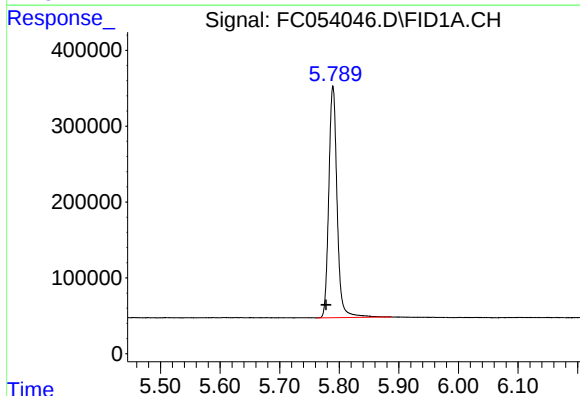
R.T.: 3.162 min
Delta R.T.: 0.009 min
Response: 2659512
Conc: 22.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



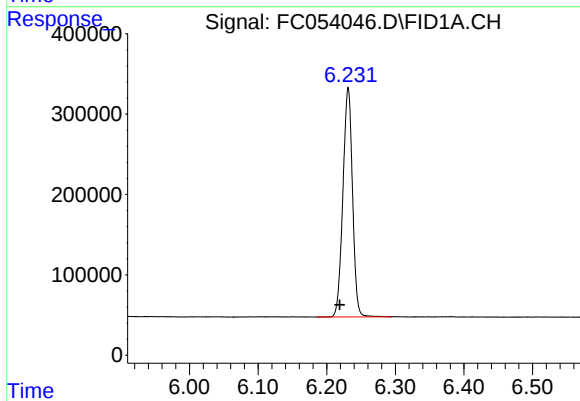
#2 n-Decane (C10)

R.T.: 4.220 min
Delta R.T.: 0.011 min
Response: 2706409
Conc: 22.71 ug/ml



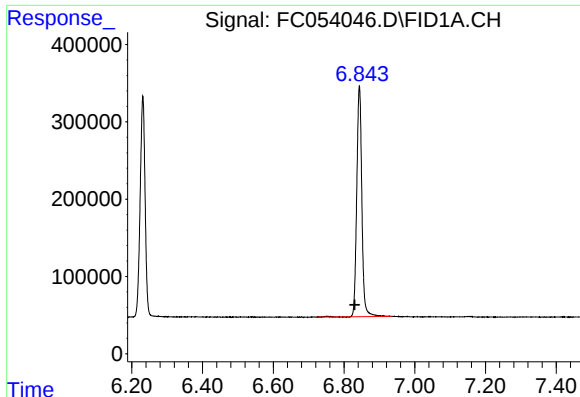
#3 A~Naphthalene (C11.7)

R.T.: 5.789 min
Delta R.T.: 0.012 min
Response: 2959912
Conc: 22.63 ug/ml



#4 n-Dodecane (C12)

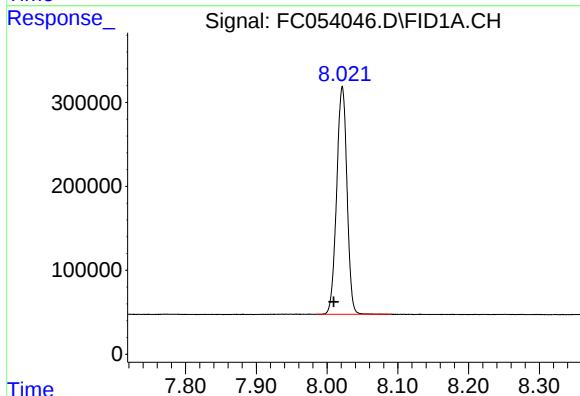
R.T.: 6.231 min
Delta R.T.: 0.012 min
Response: 2768673
Conc: 22.55 ug/ml



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

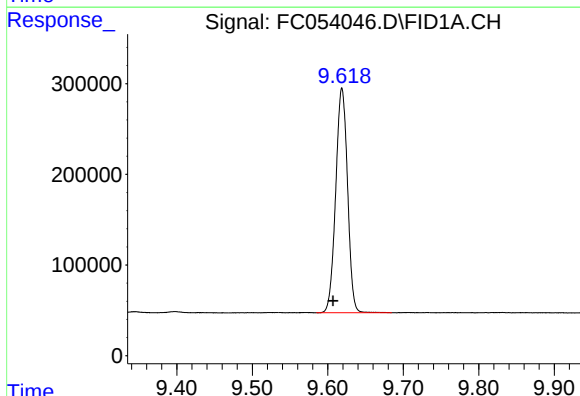
R.T.: 6.843 min
Delta R.T.: 0.013 min
Response: 2994331
Conc: 22.43 ug/ml

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20 PPM ALIPHATIC HC STD



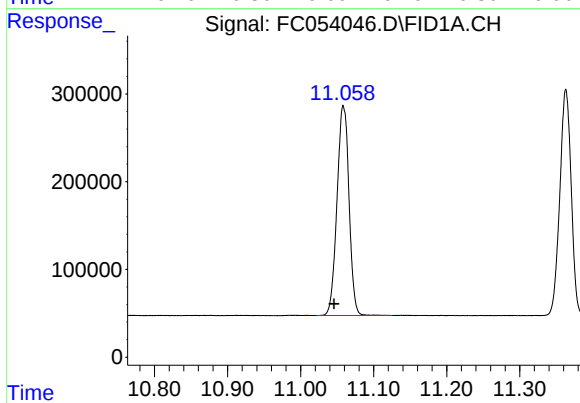
#6 n-Tetradecane (C14)

R.T.: 8.021 min
Delta R.T.: 0.012 min
Response: 2759037
Conc: 22.24 ug/ml



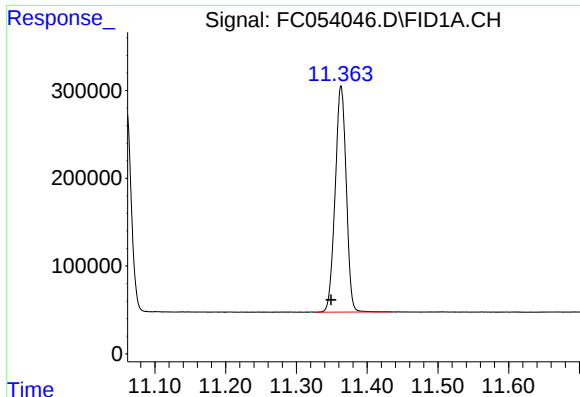
#7 n-Hexadecane (C16)

R.T.: 9.619 min
Delta R.T.: 0.012 min
Response: 2698125
Conc: 21.66 ug/ml



#8 n-Octadecane (C18)

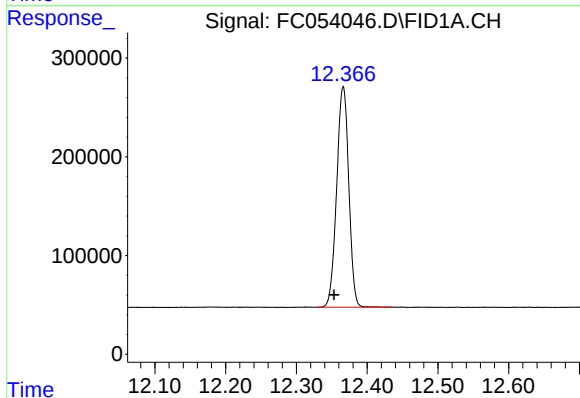
R.T.: 11.059 min
Delta R.T.: 0.013 min
Response: 2734035
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

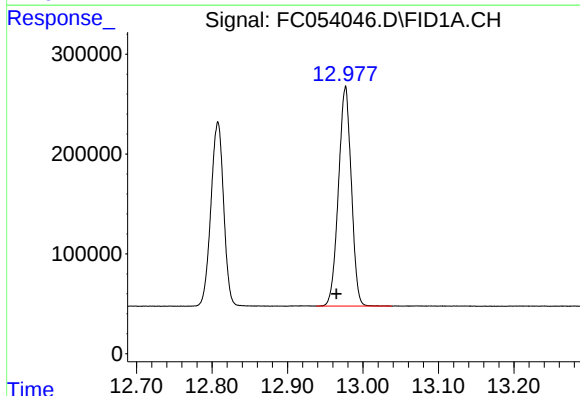
R.T.: 11.363 min
Delta R.T.: 0.014 min
Response: 2803945
Conc: 20.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



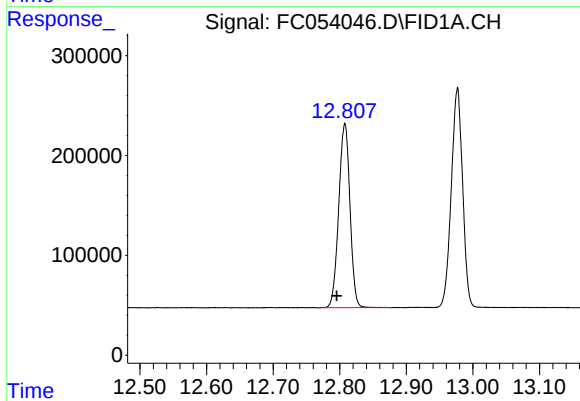
#10 n-Eicosane (C20)

R.T.: 12.366 min
Delta R.T.: 0.013 min
Response: 2653846
Conc: 19.80 ug/ml



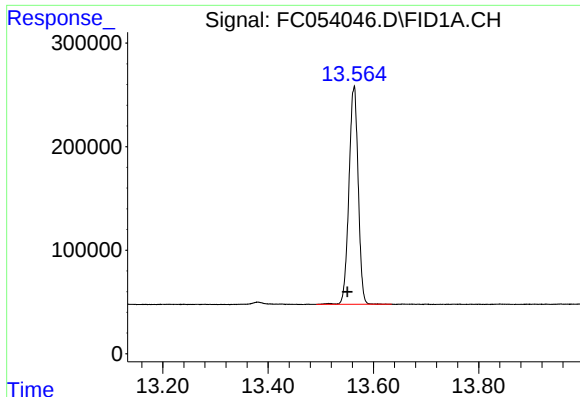
#11 n-Heneicosane (C21)

R.T.: 12.977 min
Delta R.T.: 0.012 min
Response: 2600927
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

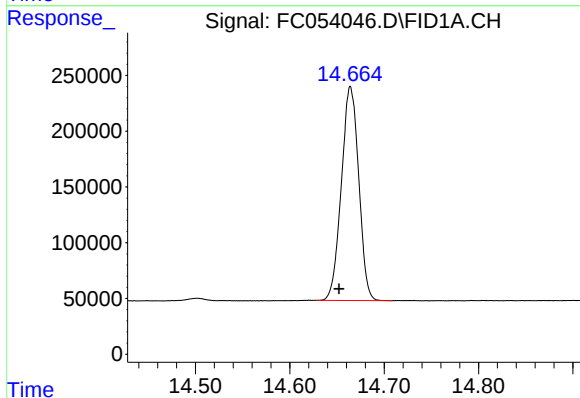
R.T.: 12.808 min
Delta R.T.: 0.012 min
Response: 2162657
Conc: 19.29 ug/ml



#13 n-Docosane (C22)

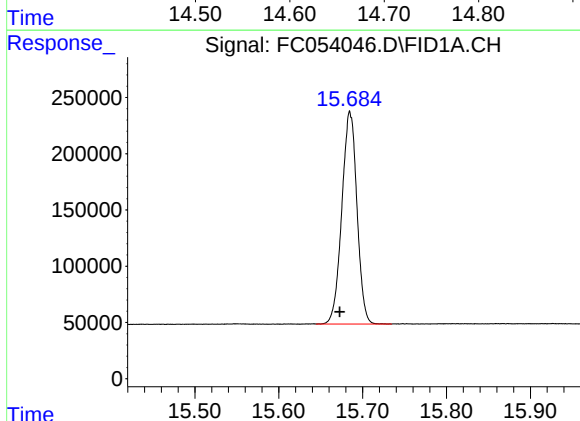
R.T.: 13.563 min
Delta R.T.: 0.013 min
Response: 2564230
Conc: 19.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



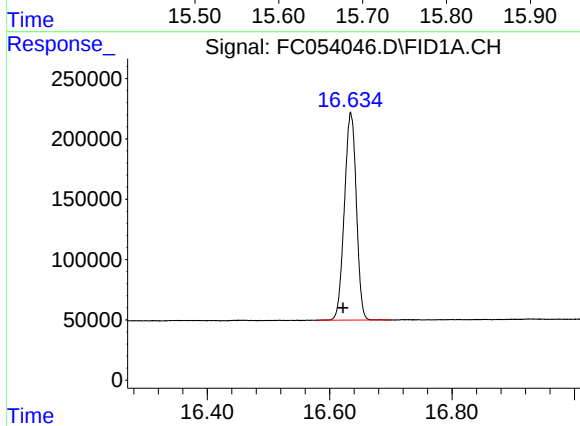
#14 n-Tetracosane (C24)

R.T.: 14.664 min
Delta R.T.: 0.012 min
Response: 2453202
Conc: 18.27 ug/ml



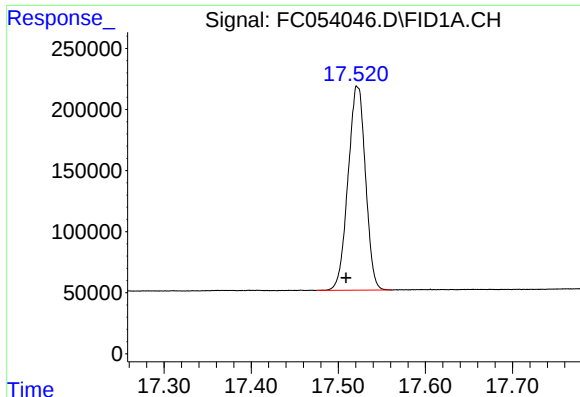
#15 n-Hexacosane (C26)

R.T.: 15.685 min
Delta R.T.: 0.012 min
Response: 2365685
Conc: 17.85 ug/ml



#16 n-Octacosane (C28)

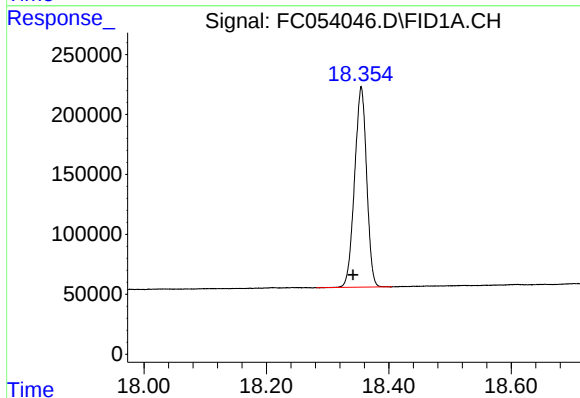
R.T.: 16.635 min
Delta R.T.: 0.013 min
Response: 2333306
Conc: 17.67 ug/ml



#17 n-Tricontane (C30)

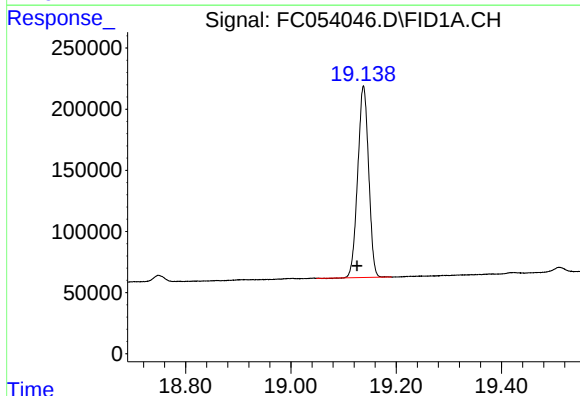
R.T.: 17.522 min
Delta R.T.: 0.013 min
Response: 2322182
Conc: 17.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



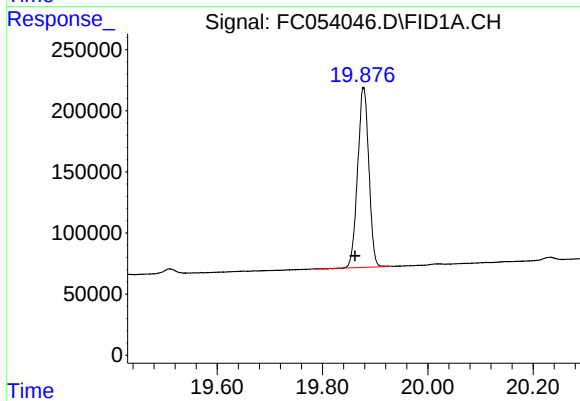
#18 n-Dotriacontane (C32)

R.T.: 18.355 min
Delta R.T.: 0.013 min
Response: 2284800
Conc: 17.71 ug/ml



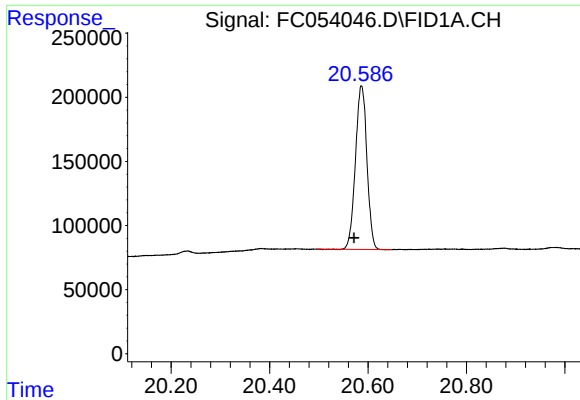
#19 n-Tetratriacontane (C34)

R.T.: 19.138 min
Delta R.T.: 0.012 min
Response: 2249105
Conc: 18.44 ug/ml



#20 n-Hexatriacontane (C36)

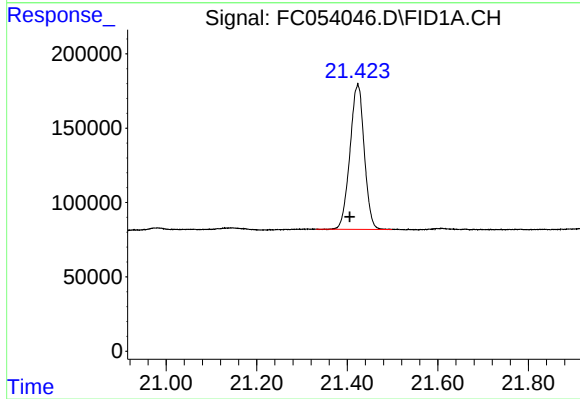
R.T.: 19.878 min
Delta R.T.: 0.016 min
Response: 2163446
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.587 min
Delta R.T.: 0.015 min
Response: 2065691
Conc: 20.49 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.423 min
Delta R.T.: 0.018 min
Response: 2135001
Conc: 21.16 ug/ml