

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059900.D
 Signal(s) : FID1A.CH
 Acq On : 24 May 2022 19:34
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: sample.E
 Quant Time: May 25 01:51:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:51:23 2022
 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)	10.647	7581446	48.819 ug/ml
Spiked Amount 50.000		Recovery =	97.64%
12) S 1-chlorooctadecane (S...	12.015	6053363	48.618 ug/ml
Spiked Amount 50.000		Recovery =	97.24%
Target Compounds			
1) T n-Nonane (C9)	2.623	6321490	49.095 ug/ml
2) T n-Decane (C10)	3.622	6285817	49.064 ug/ml
3) T A~Naphthalene (C11.7)	5.156	7174136	49.597 ug/ml
4) T n-Dodecane (C12)	5.575	6447096	48.793 ug/ml
5) T A~2-methylnaphthalene...	6.181	7278472	49.177 ug/ml
6) T n-Tetradecane (C14)	7.327	6554093	48.798 ug/ml
7) T n-Hexadecane (C16)	8.892	6712307	48.572 ug/ml
8) T n-Octadecane (C18)	10.302	6864079	48.457 ug/ml
10) T n-Eicosane (C20)	11.581	6888338	48.470 ug/ml
11) T n-Heneicosane (C21)	12.179	6944951	48.463 ug/ml
13) T n-Docosane (C22)	12.752	6959243	48.345 ug/ml
14) T n-Tetracosane (C24)	13.830	6994721	48.545 ug/ml
15) T n-Hexacosane (C26)	14.826	6879417	48.303 ug/ml
16) T n-Octacosane (C28)	15.754	6741443	48.548 ug/ml
17) T n-Tricontane (C30)	16.621	6401527	48.458 ug/ml
18) T n-Dotriacontane (C32)	17.433	5806802	48.529 ug/ml
19) T n-Tetratriacontane (C34)	18.199	5160827	48.869 ug/ml
20) T n-Hexatriacontane (C36)	18.920	4639223	48.684 ug/ml
21) T n-Octatriacontane (C38)	19.602	4452215	48.460 ug/ml
22) T n-Tetracontane (C40)	20.252	4610983	48.870 ug/ml

(f)=RT Delta > 1/2 Window

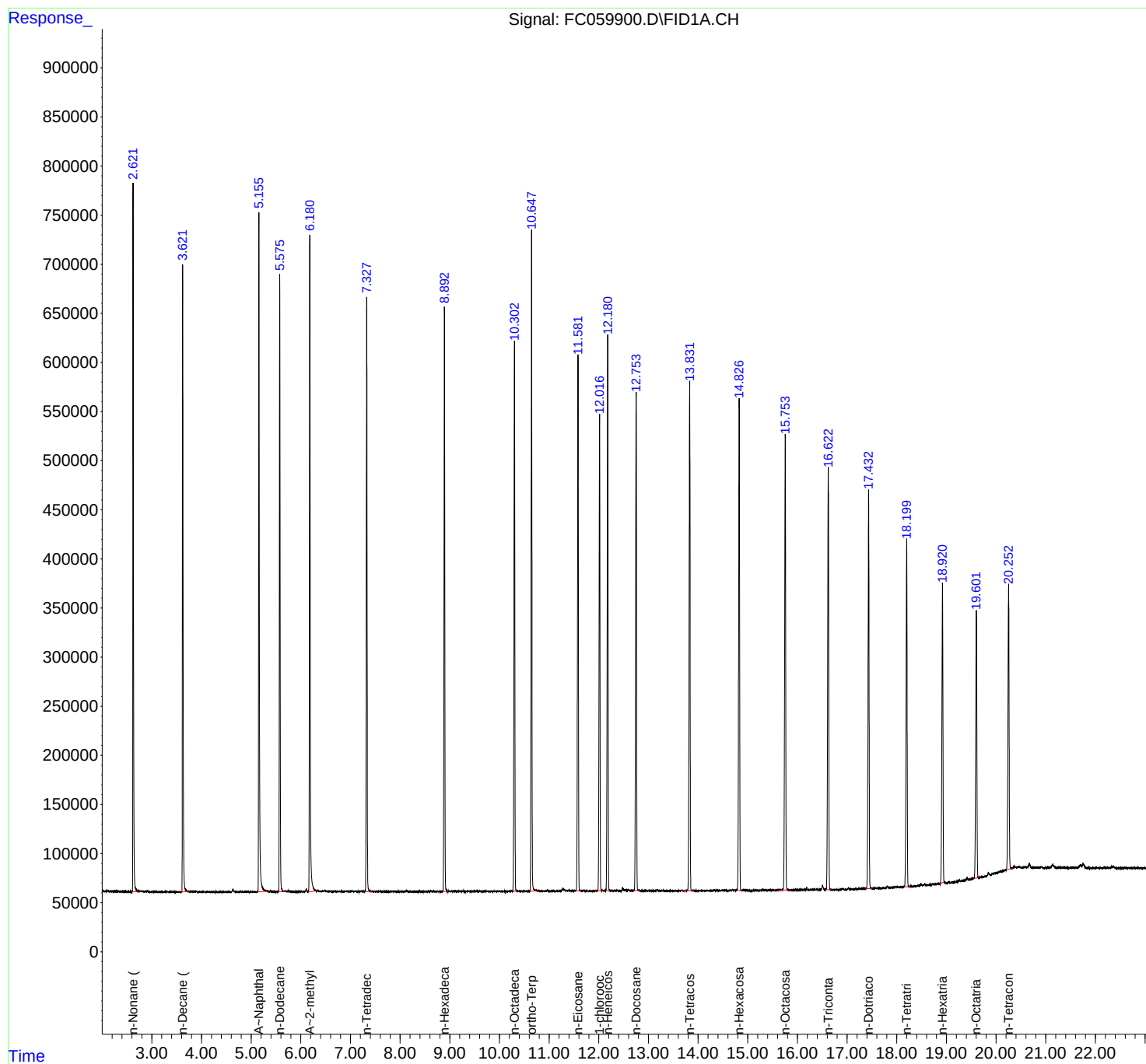
(m)=manual int.

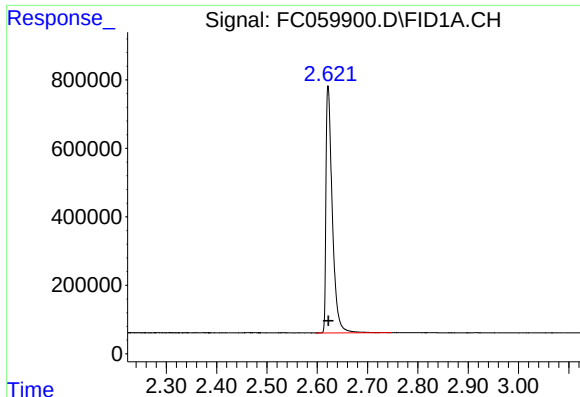
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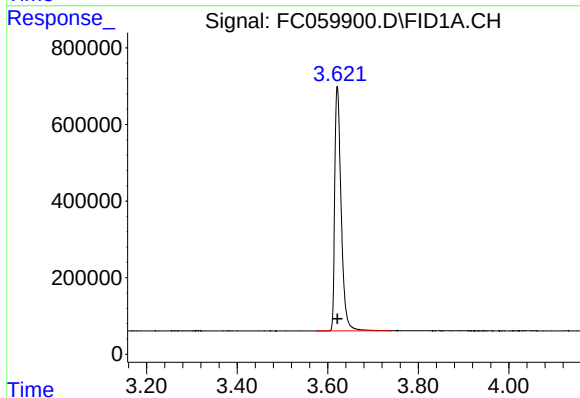




#1 n-Nonane (C9)

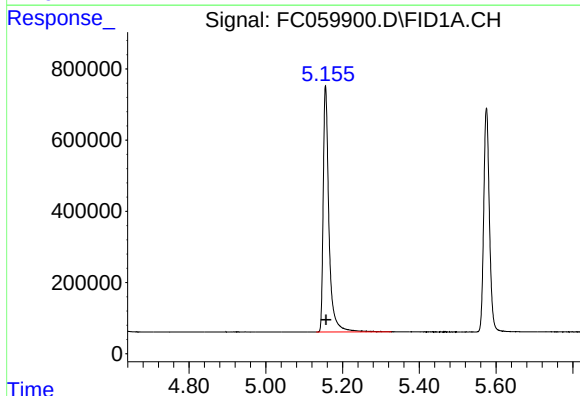
R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 6321490
Conc: 49.10 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



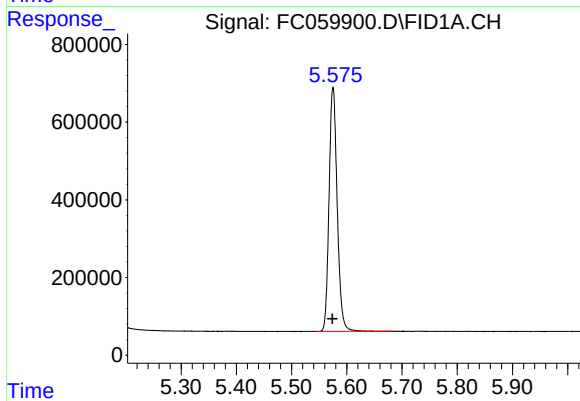
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: 0.000 min
Response: 6285817
Conc: 49.06 ug/ml



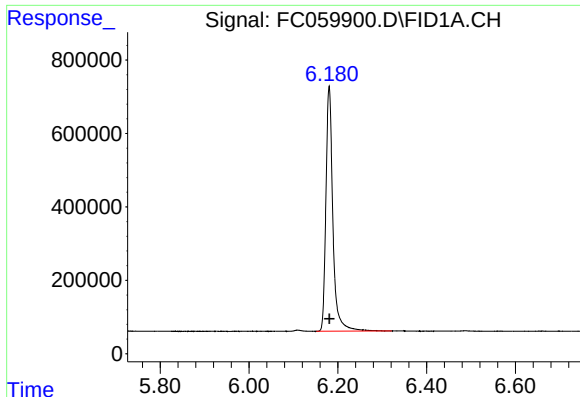
#3 A~Naphthalene (C11.7)

R.T.: 5.156 min
Delta R.T.: -0.001 min
Response: 7174136
Conc: 49.60 ug/ml



#4 n-Dodecane (C12)

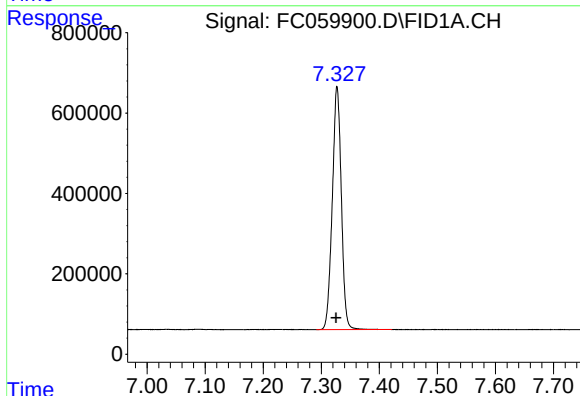
R.T.: 5.575 min
Delta R.T.: 0.001 min
Response: 6447096
Conc: 48.79 ug/ml



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

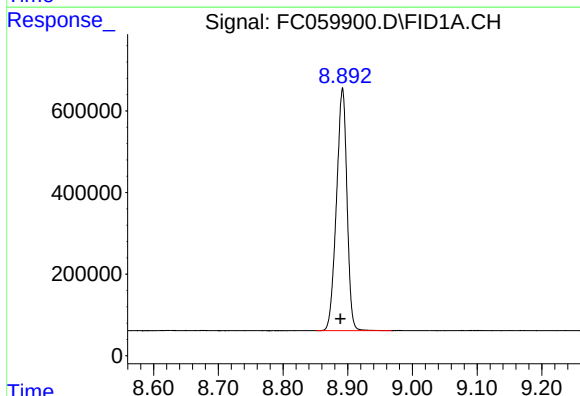
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 7278472
Conc: 49.18 ug/ml

Instrument :
FID_C
ClientSampleId :
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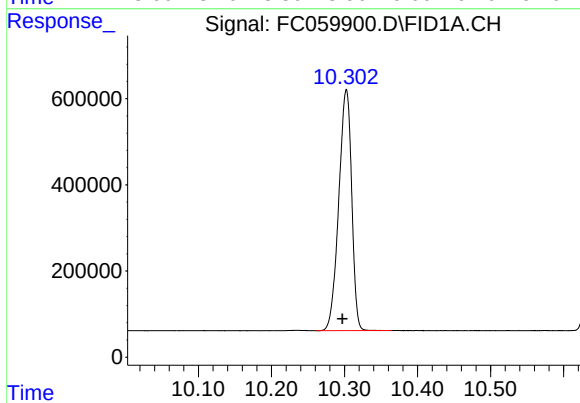
#6 n-Tetradecane (C14)

R.T.: 7.327 min
Delta R.T.: 0.002 min
Response: 6554093
Conc: 48.80 ug/ml



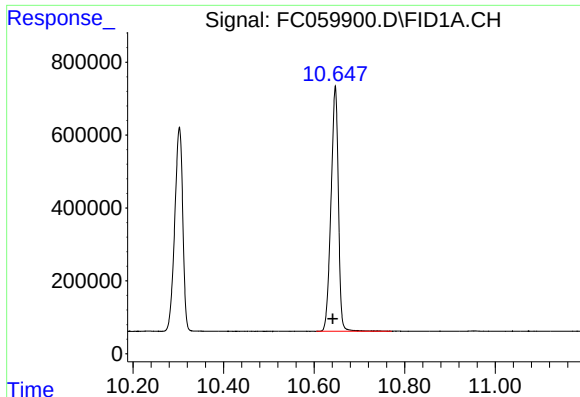
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: 0.003 min
Response: 6712307
Conc: 48.57 ug/ml



#8 n-Octadecane (C18)

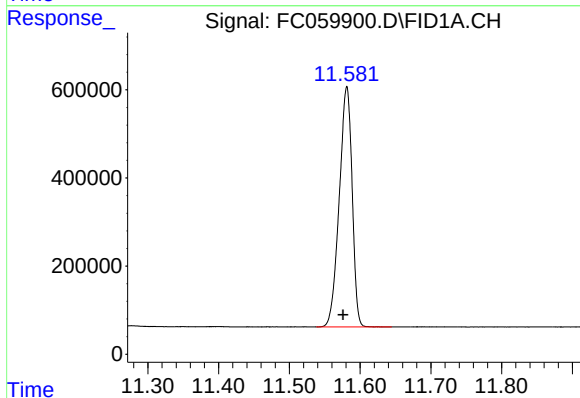
R.T.: 10.302 min
Delta R.T.: 0.005 min
Response: 6864079
Conc: 48.46 ug/ml



#9 ortho-Terphenyl (SURR)

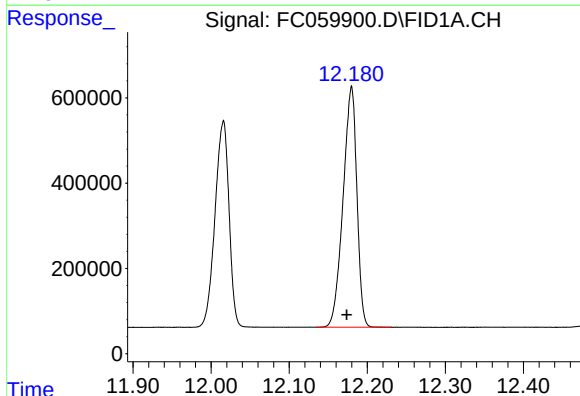
R.T.: 10.647 min
Delta R.T.: 0.005 min
Response: 7581446
Conc: 48.82 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



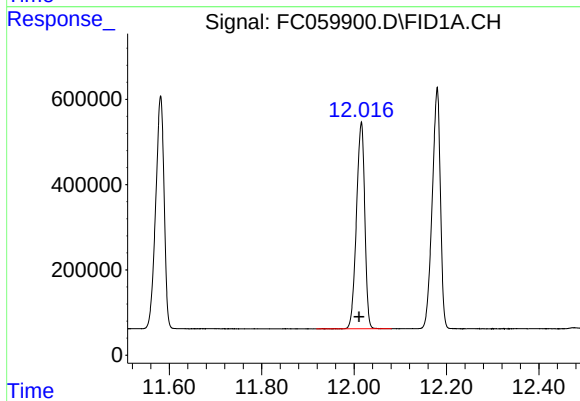
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: 0.005 min
Response: 6888338
Conc: 48.47 ug/ml



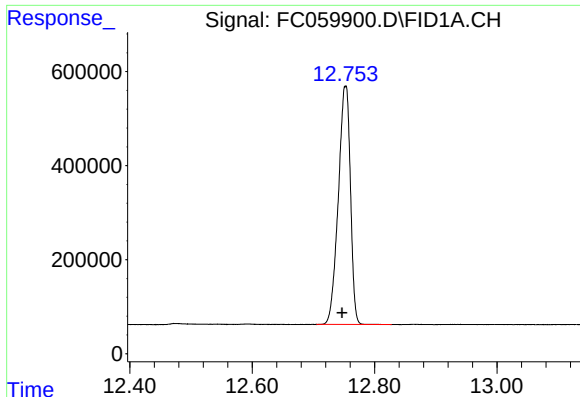
#11 n-Heneicosane (C21)

R.T.: 12.179 min
Delta R.T.: 0.006 min
Response: 6944951
Conc: 48.46 ug/ml



#12 1-chlorooctadecane (SURR)

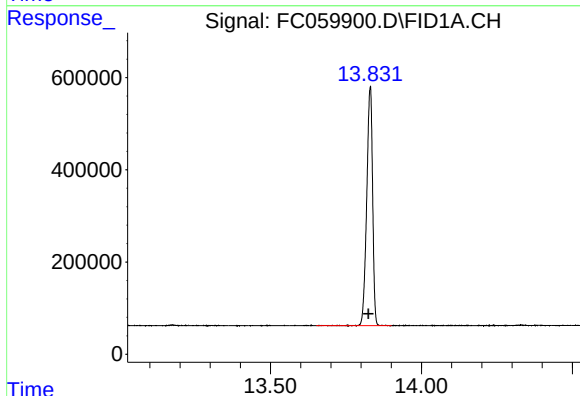
R.T.: 12.015 min
Delta R.T.: 0.004 min
Response: 6053363
Conc: 48.62 ug/ml



#13 n-Docosane (C22)

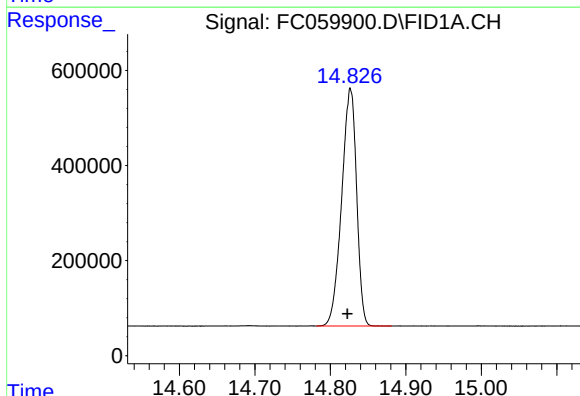
R.T.: 12.752 min
Delta R.T.: 0.006 min
Response: 6959243
Conc: 48.35 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



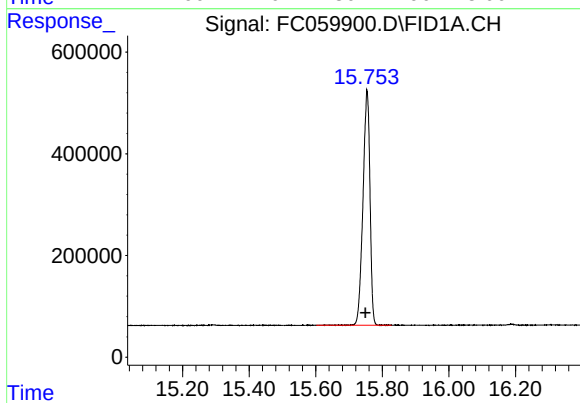
#14 n-Tetracosane (C24)

R.T.: 13.830 min
Delta R.T.: 0.006 min
Response: 6994721
Conc: 48.54 ug/ml



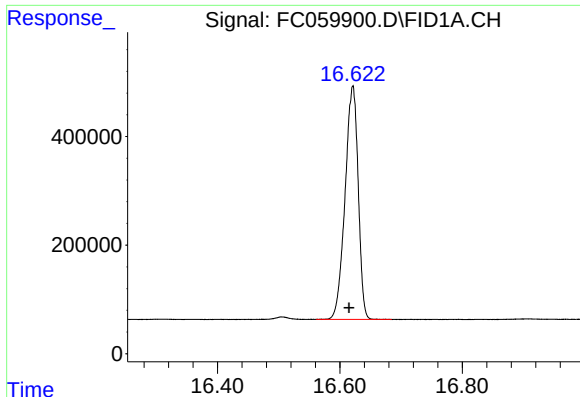
#15 n-Hexacosane (C26)

R.T.: 14.826 min
Delta R.T.: 0.004 min
Response: 6879417
Conc: 48.30 ug/ml



#16 n-Octacosane (C28)

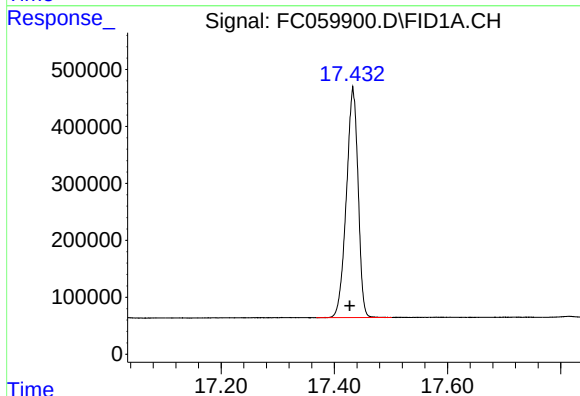
R.T.: 15.754 min
Delta R.T.: 0.004 min
Response: 6741443
Conc: 48.55 ug/ml



#17 n-Tricontane (C30)

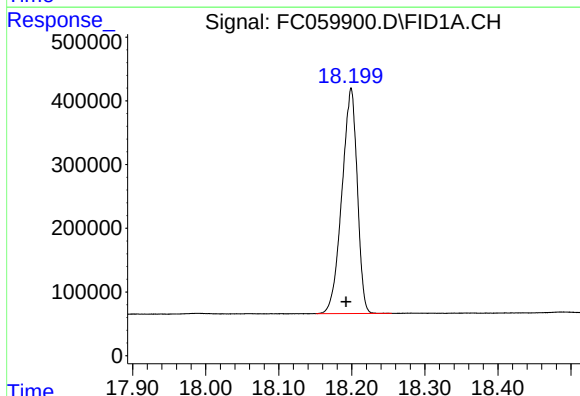
R.T.: 16.621 min
Delta R.T.: 0.006 min
Response: 6401527
Conc: 48.46 ug/ml

Instrument :
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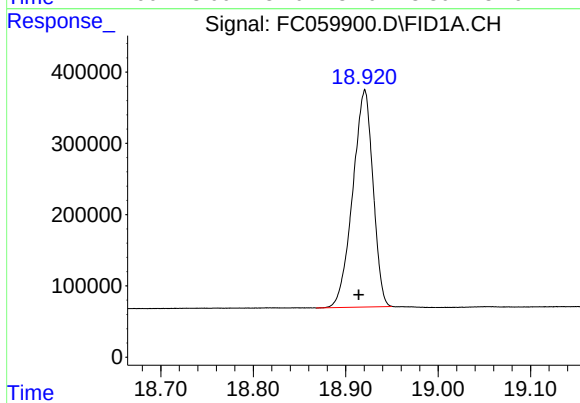
#18 n-Dotriacontane (C32)

R.T.: 17.433 min
Delta R.T.: 0.005 min
Response: 5806802
Conc: 48.53 ug/ml



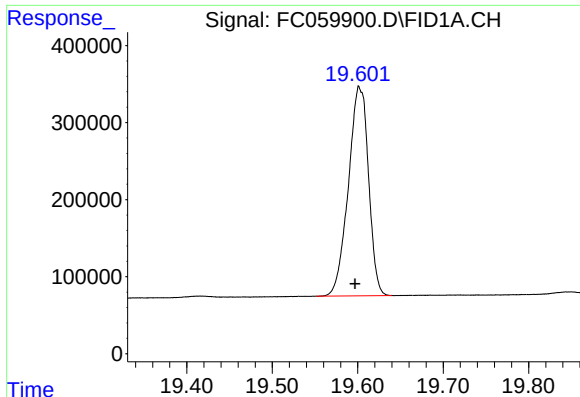
#19 n-Tetratriacontane (C34)

R.T.: 18.199 min
Delta R.T.: 0.006 min
Response: 5160827
Conc: 48.87 ug/ml



#20 n-Hexatriacontane (C36)

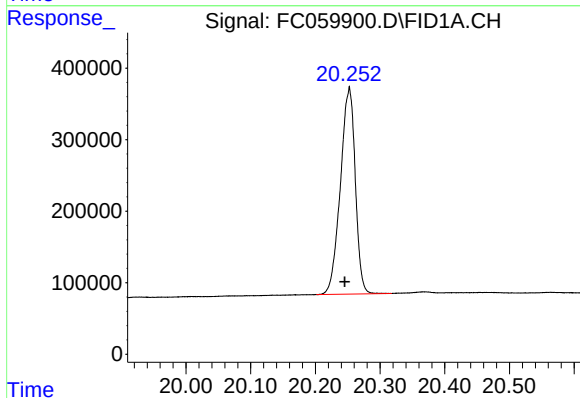
R.T.: 18.920 min
Delta R.T.: 0.006 min
Response: 4639223
Conc: 48.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.602 min
Delta R.T.: 0.005 min
Response: 4452215
Conc: 48.46 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 20.252 min
Delta R.T.: 0.007 min
Response: 4610983
Conc: 48.87 ug/ml