

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110421AL\
 Data File : FC056649.D
 Signal(s) : FID1A.CH
 Acq On : 04 Nov 2021 23:01
 Operator : AJ\MA
 Sample : M4498-06MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

Integration File: autoint1.e
 Quant Time: Nov 08 00:22:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.611	3245343	26.211 ug/ml
Spiked Amount 50.000		Recovery =	52.42%
12) S 1-chlorooctadecane (S...	13.041	2532456	26.318 ug/ml
Spiked Amount 50.000		Recovery =	52.64%
Target Compounds			
1) T n-Nonane (C9)	3.370	3052778	28.205 ug/mlm
2) T n-Decane (C10)	4.440	3587307	33.303 ug/ml
3) T A~Naphthalene (C11.7)	6.030	4067404	33.361 ug/ml
4) T n-Dodecane (C12)	6.459	4011955	36.393 ug/ml
5) T A~2-methylnaphthalene...	7.087	4105379	33.524 ug/ml
6) T n-Tetradecane (C14)	8.254	4185935	37.285 ug/ml
7) T n-Hexadecane (C16)	9.851	4197268	36.919 ug/ml
8) T n-Octadecane (C18)	11.291	4291928	36.728 ug/ml
10) T n-Eicosane (C20)	12.598	4106757	35.734 ug/ml
11) T n-Heneicosane (C21)	13.208	3990846	34.726 ug/ml
13) T n-Docosane (C22)	13.793	3913215	34.758 ug/ml
14) T n-Tetracosane (C24)	14.890	7375571	66.927 ug/ml
15) T n-Hexacosane (C26)	15.910	3647251	34.556 ug/ml
16) T n-Octacosane (C28)	16.856	3674075	35.421 ug/ml
17) T n-Tricontane (C30)	17.740	3597297	34.720 ug/ml
18) T n-Dotriacontane (C32)	18.567	3576466	37.329 ug/ml
19) T n-Tetratriacontane (C34)	19.347	3428700	39.092 ug/ml
20) T n-Hexatriacontane (C36)	20.081	3187318	38.940 ug/ml
21) T n-Octatriacontane (C38)	20.814	3020572	37.768 ug/ml
22) T n-Tetracontane (C40)	21.725	3032066	36.801 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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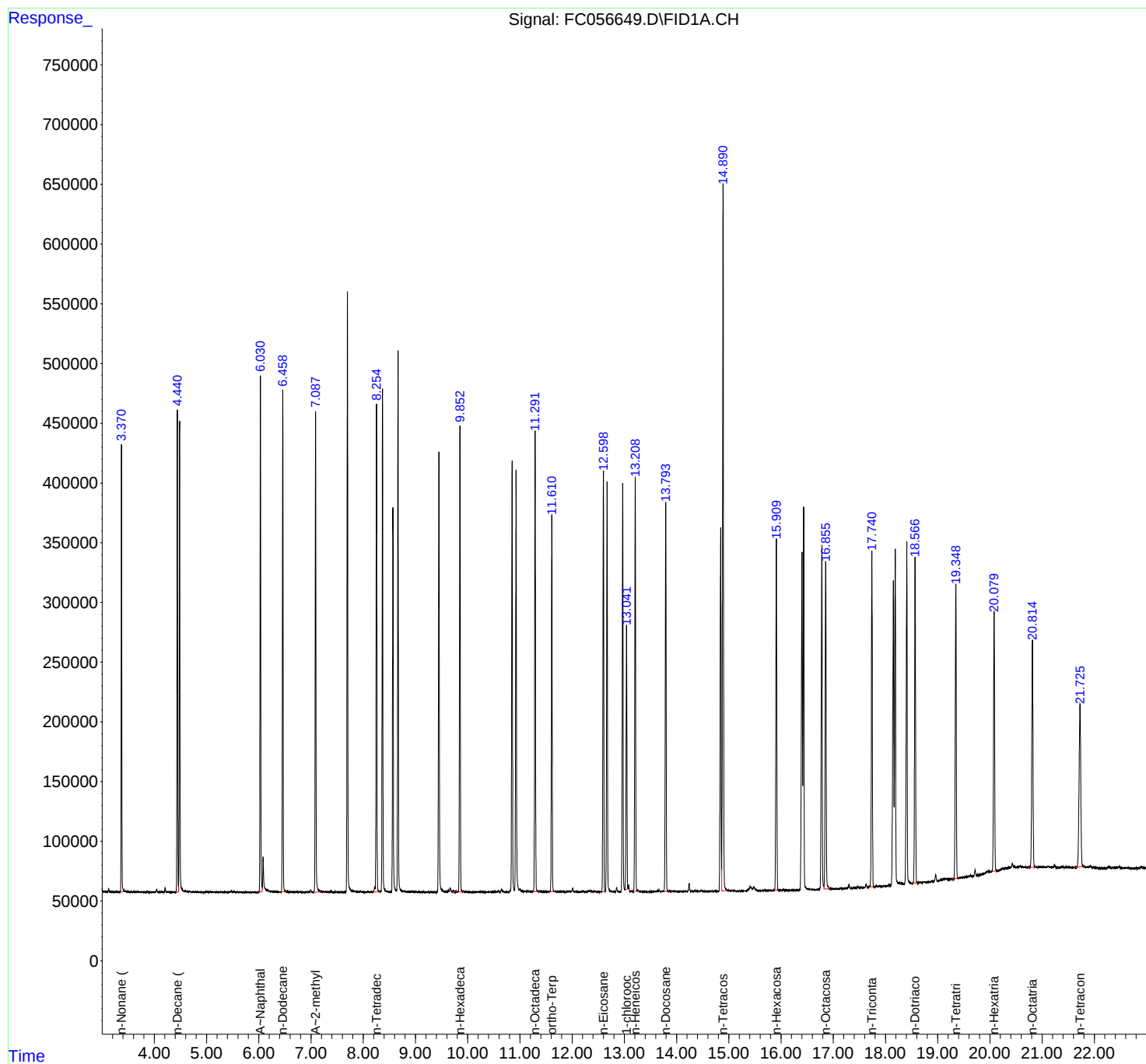
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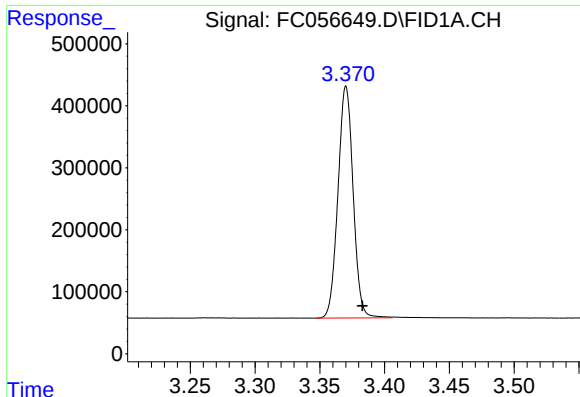
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#1 n-Nonane (C9)

R.T.: 3.370 min
Delta R.T.: -0.013 min
Response: 3052778
Conc: 28.21 ug/ml

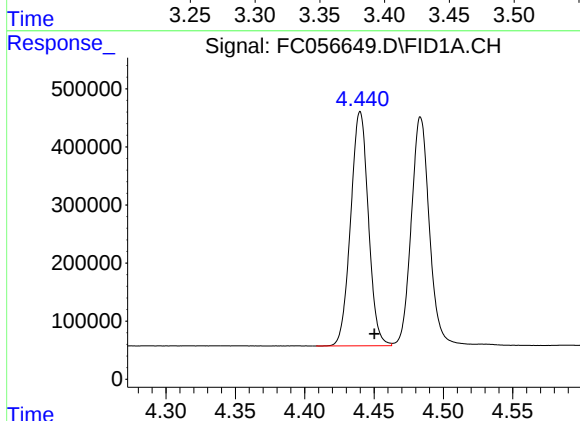
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FID_C

ClientSampleId :

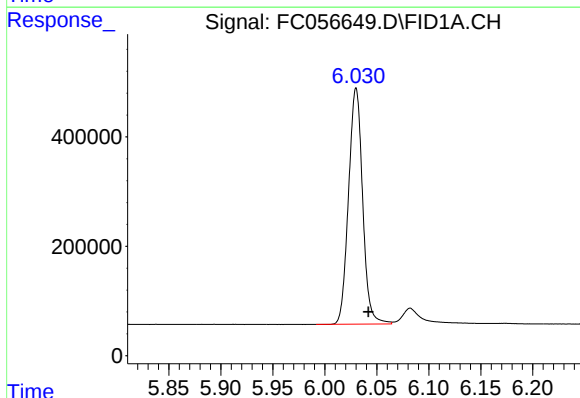
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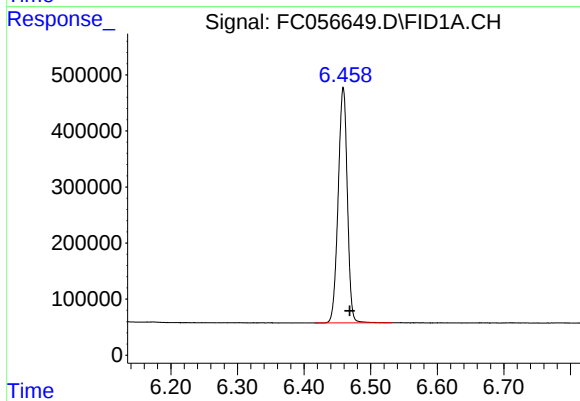
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.010 min
Response: 3587307
Conc: 33.30 ug/ml



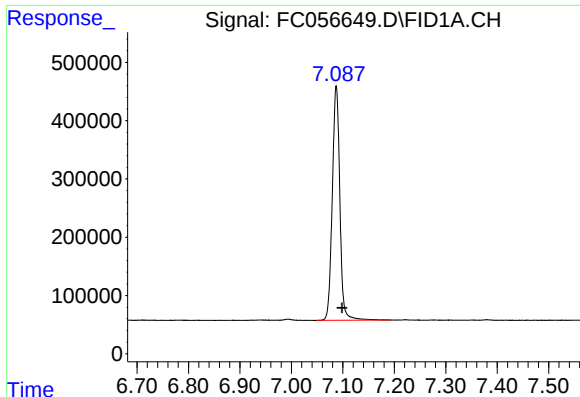
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.012 min
Response: 4067404
Conc: 33.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.459 min
Delta R.T.: -0.010 min
Response: 4011955
Conc: 36.39 ug/ml



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

R.T.: 7.087 min
Delta R.T.: -0.011 min
Response: 4105379
Conc: 33.52 ug/ml

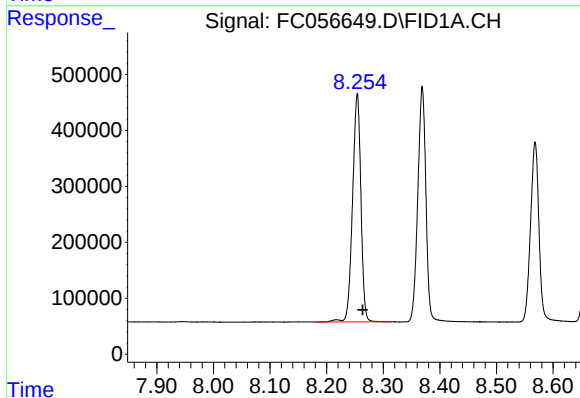
Instrument :

FID_C

ClientSampleId :

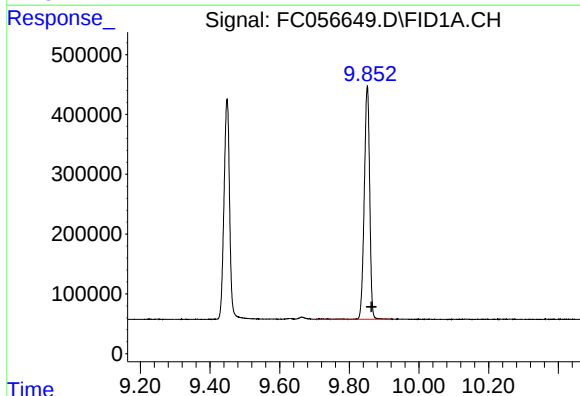
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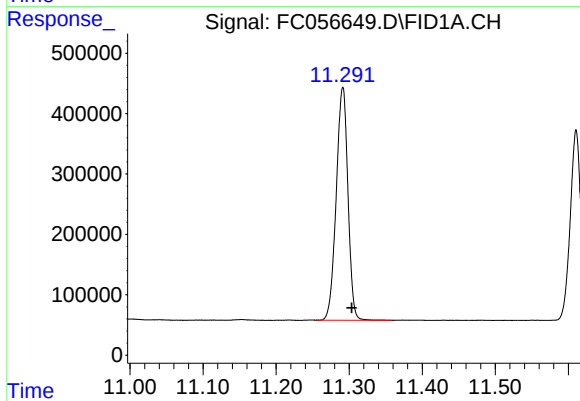
#6 n-Tetradecane (C14)

R.T.: 8.254 min
Delta R.T.: -0.010 min
Response: 4185935
Conc: 37.29 ug/ml



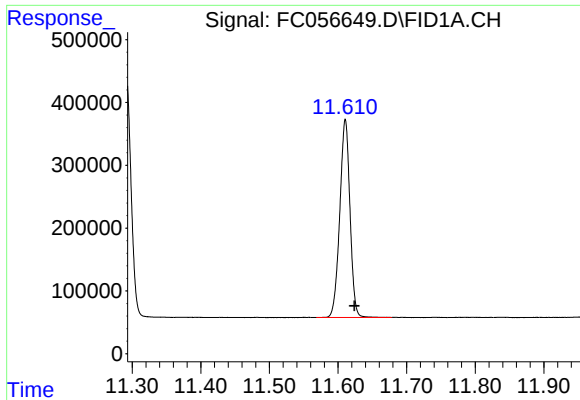
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: -0.012 min
Response: 4197268
Conc: 36.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.291 min
Delta R.T.: -0.012 min
Response: 4291928
Conc: 36.73 ug/ml



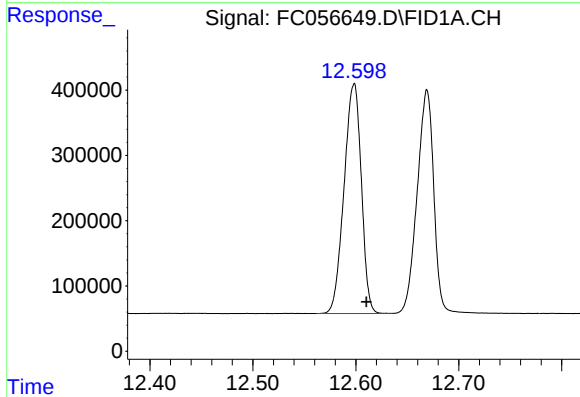
#9 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.014 min
Response: 3245343
Conc: 26.21 ug/ml

Instrument :
FID_C
ClientSampleId :

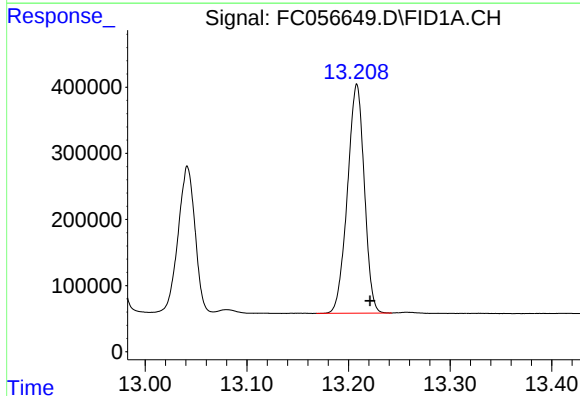
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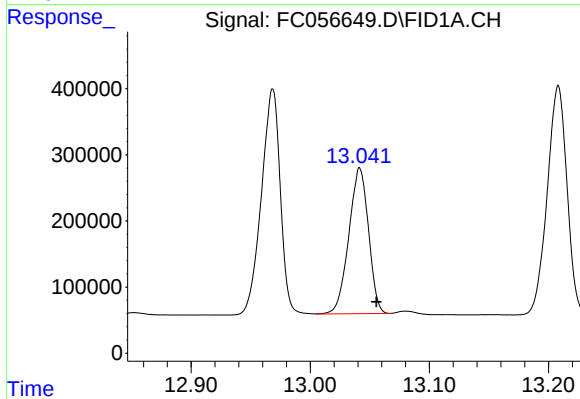
#10 n-Eicosane (C20)

R.T.: 12.598 min
Delta R.T.: -0.012 min
Response: 4106757
Conc: 35.73 ug/ml



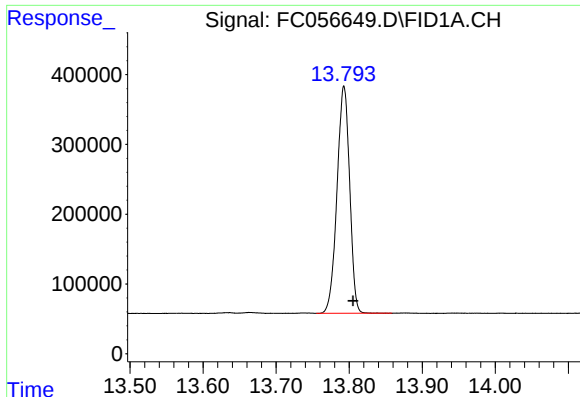
#11 n-Heneicosane (C21)

R.T.: 13.208 min
Delta R.T.: -0.013 min
Response: 3990846
Conc: 34.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.041 min
Delta R.T.: -0.014 min
Response: 2532456
Conc: 26.32 ug/ml



#13 n-Docosane (C22)

R.T.: 13.793 min
Delta R.T.: -0.013 min
Response: 3913215
Conc: 34.76 ug/ml

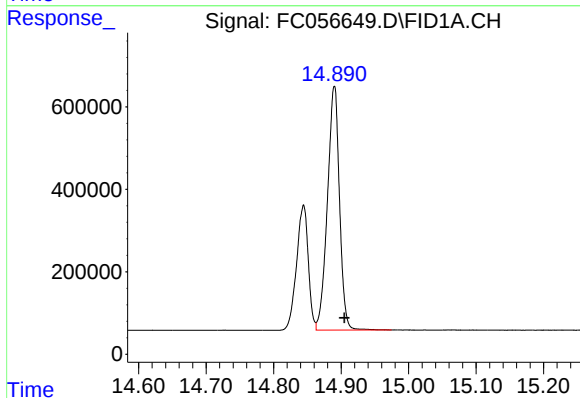
Instrument :

FID_C

ClientSampleId :

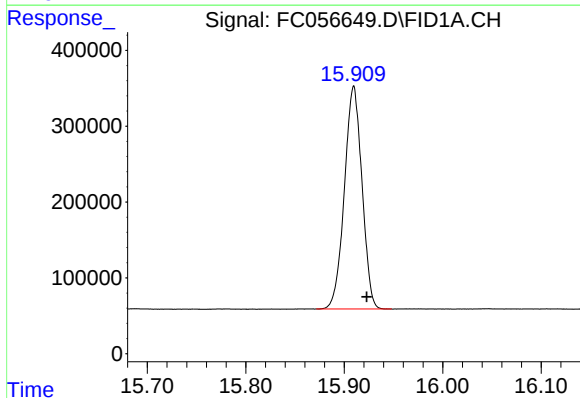
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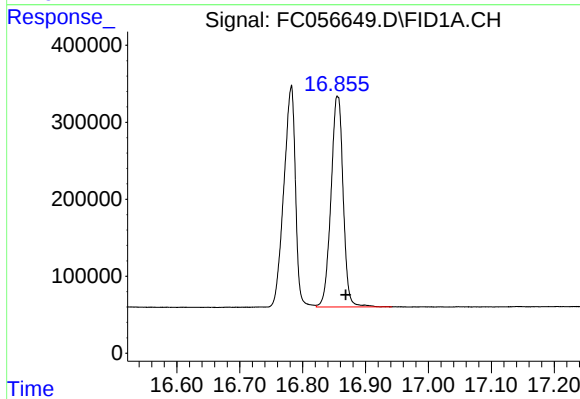
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.015 min
Response: 7375571
Conc: 66.93 ug/ml



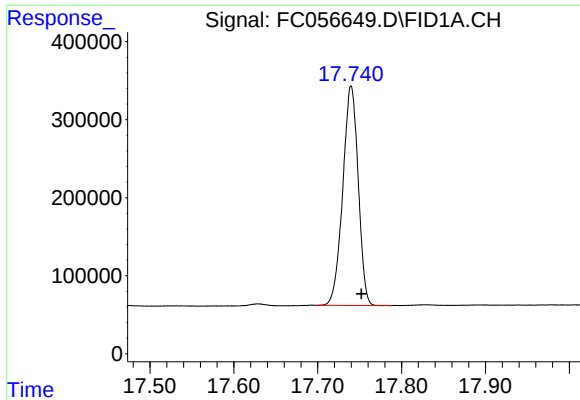
#15 n-Hexacosane (C26)

R.T.: 15.910 min
Delta R.T.: -0.013 min
Response: 3647251
Conc: 34.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: -0.013 min
Response: 3674075
Conc: 35.42 ug/ml



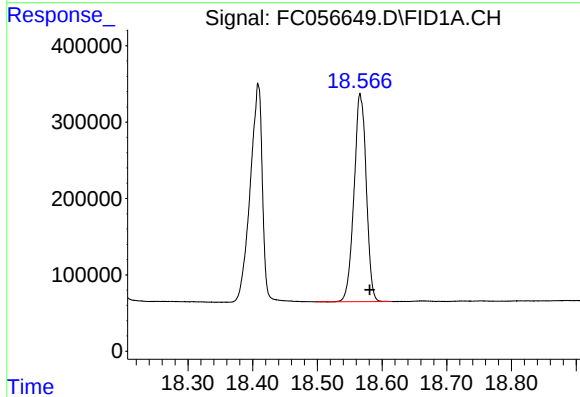
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.012 min
Response: 3597297
Conc: 34.72 ug/ml

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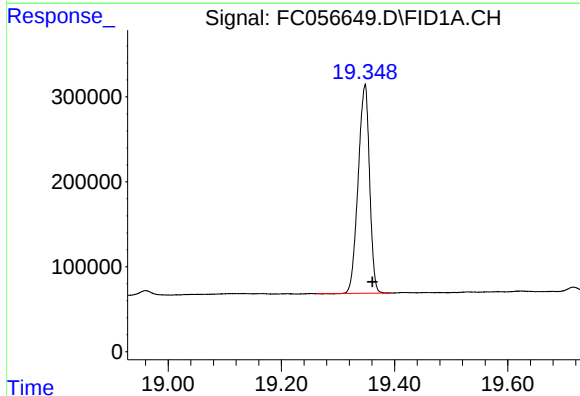
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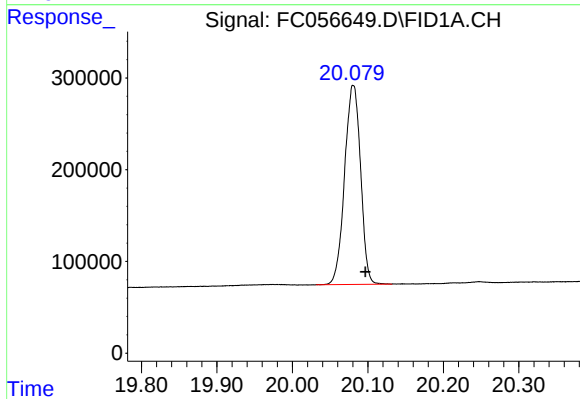
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.014 min
Response: 3576466
Conc: 37.33 ug/ml



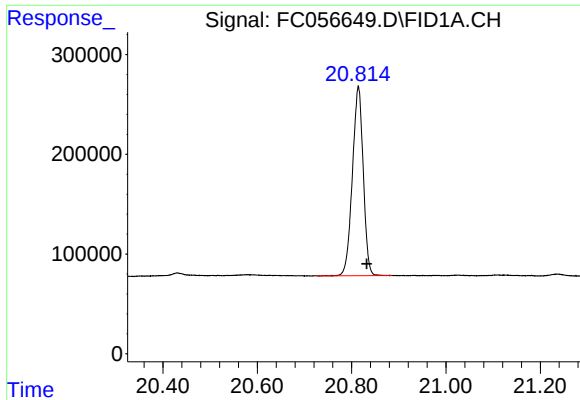
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.013 min
Response: 3428700
Conc: 39.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.016 min
Response: 3187318
Conc: 38.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.018 min
Response: 3020572
Conc: 37.77 ug/ml

Instrument :

FID_C

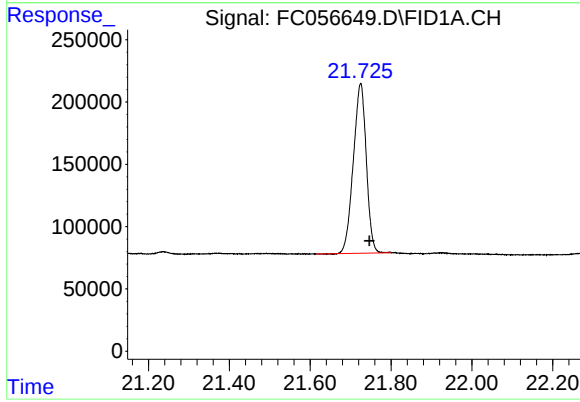
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#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: -0.022 min
Response: 3032066
Conc: 36.80 ug/ml