

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110421AL\
 Data File : FC056650.D
 Signal(s) : FID1A.CH
 Acq On : 04 Nov 2021 23:40
 Operator : AJ\MA
 Sample : M4498-06MSD
 Misc :
 ALS Vial : 17 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 00:22:48 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	3186394	25.734 ug/ml
Spiked Amount 50.000		Recovery =	51.47%
12) S 1-chlorooctadecane (S...	13.042	2482230	25.796 ug/ml
Spiked Amount 50.000		Recovery =	51.59%
Target Compounds			
1) T n-Nonane (C9)	3.368	3029915	27.994 ug/mlm
2) T n-Decane (C10)	4.438	3561670	33.065 ug/ml
3) T A~Naphthalene (C11.7)	6.029	4025759	33.019 ug/ml
4) T n-Dodecane (C12)	6.458	3972742	36.038 ug/ml
5) T A~2-methylnaphthalene...	7.087	4034382	32.944 ug/ml
6) T n-Tetradecane (C14)	8.253	4134320	36.825 ug/ml
7) T n-Hexadecane (C16)	9.851	4112525	36.173 ug/ml
8) T n-Octadecane (C18)	11.292	4201244	35.952 ug/ml
10) T n-Eicosane (C20)	12.599	4020590	34.984 ug/ml
11) T n-Heneicosane (C21)	13.209	3902240	33.955 ug/ml
13) T n-Docosane (C22)	13.793	3825792	33.981 ug/ml
14) T n-Tetracosane (C24)	14.890	7236022	65.660 ug/ml
15) T n-Hexacosane (C26)	15.912	3568912	33.814 ug/ml
16) T n-Octacosane (C28)	16.855	3603257	34.738 ug/ml
17) T n-Tricontane (C30)	17.741	3529007	34.061 ug/ml
18) T n-Dotriacontane (C32)	18.567	3503459	36.567 ug/ml
19) T n-Tetratriacontane (C34)	19.347	3378331	38.517 ug/ml
20) T n-Hexatriacontane (C36)	20.082	3207492	39.187 ug/ml
21) T n-Octatriacontane (C38)	20.814	2984448	37.317 ug/ml
22) T n-Tetracontane (C40)	21.725	2974762	36.106 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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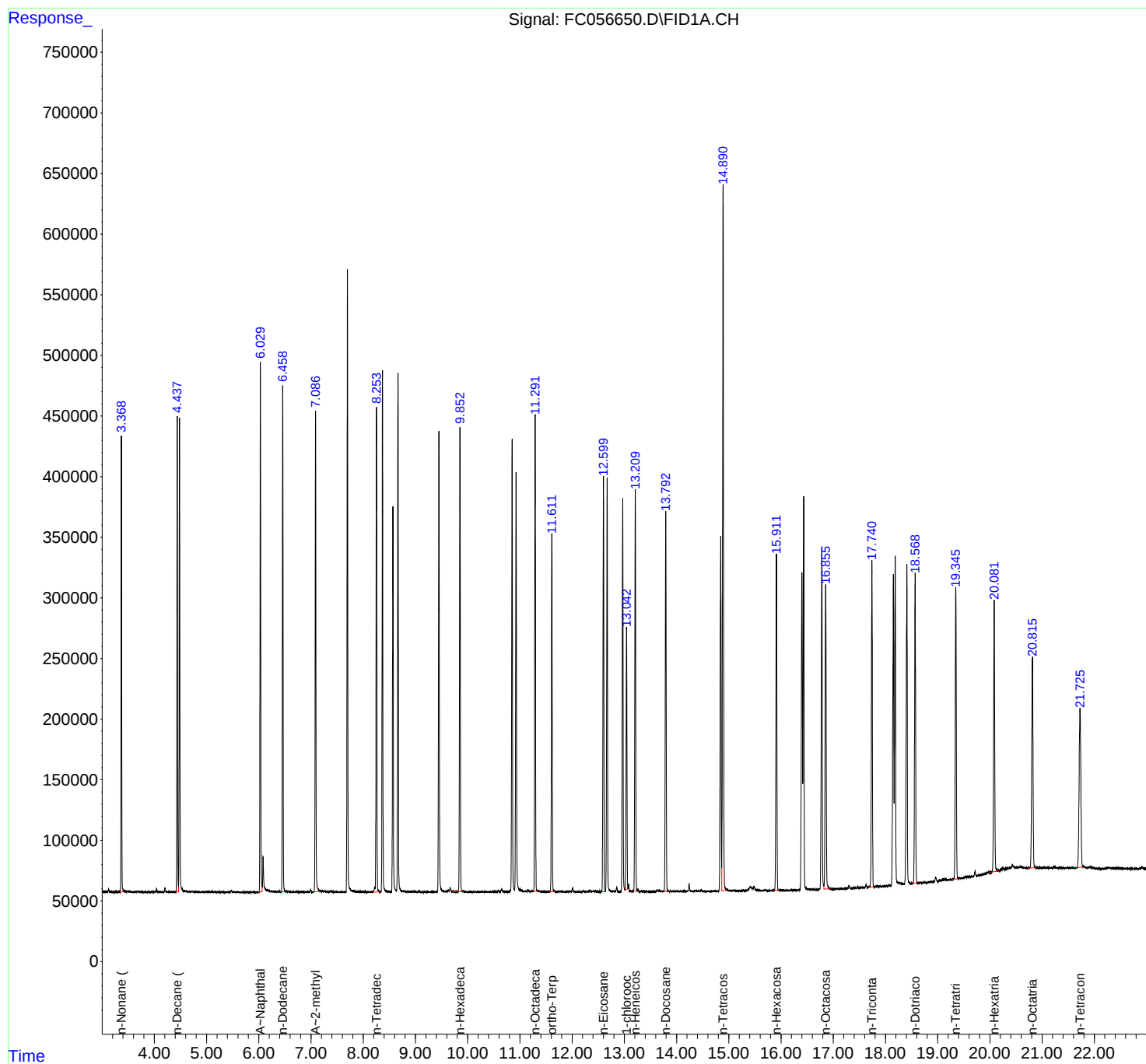
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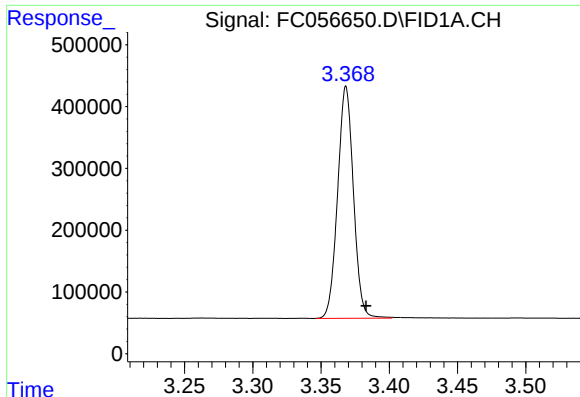
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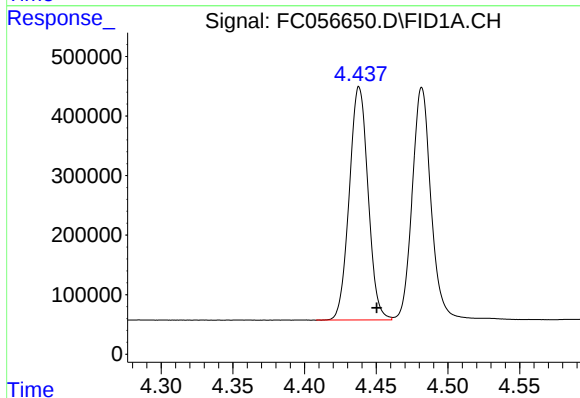
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.015 min
Response: 3029915
Conc: 27.99 ug/ml

Instrument :
FID_C
ClientSampleId :

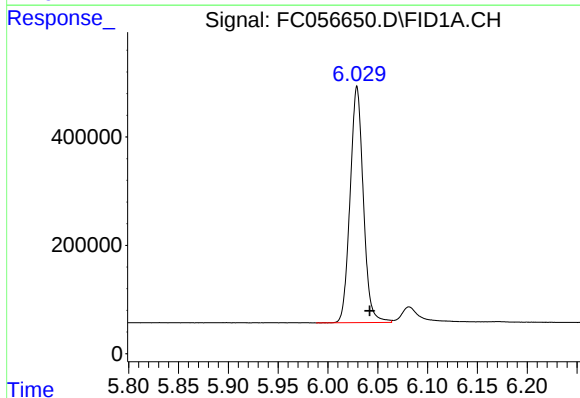
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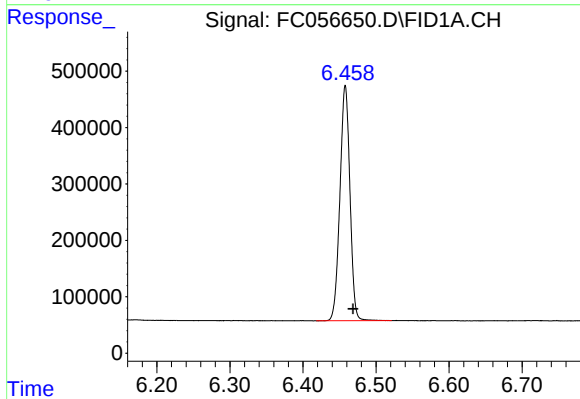
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.012 min
Response: 3561670
Conc: 33.06 ug/ml



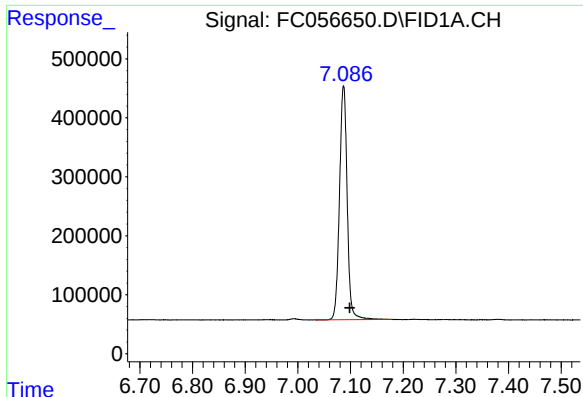
#3 A~Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: -0.013 min
Response: 4025759
Conc: 33.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.011 min
Response: 3972742
Conc: 36.04 ug/ml



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

R.T.: 7.087 min
Delta R.T.: -0.012 min
Response: 4034382
Conc: 32.94 ug/ml

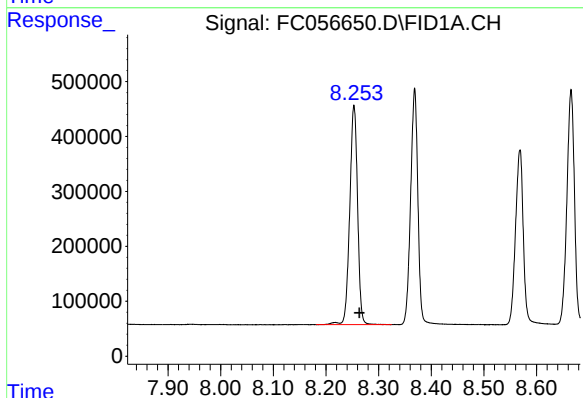
Instrument :

FID_C

ClientSampleId :

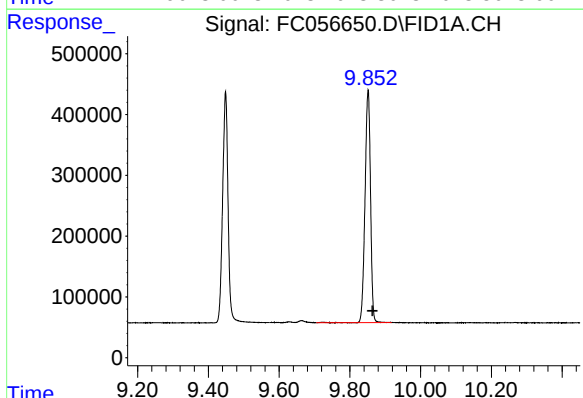
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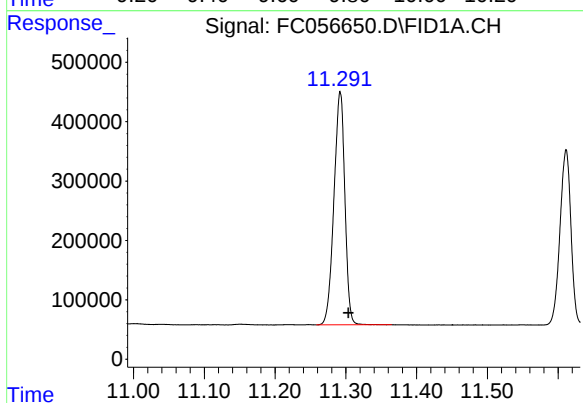
#6 n-Tetradecane (C14)

R.T.: 8.253 min
Delta R.T.: -0.010 min
Response: 4134320
Conc: 36.83 ug/ml



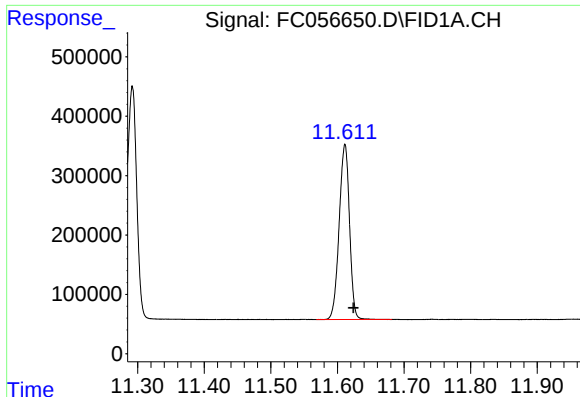
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: -0.012 min
Response: 4112525
Conc: 36.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.292 min
Delta R.T.: -0.012 min
Response: 4201244
Conc: 35.95 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.013 min
Response: 3186394
Conc: 25.73 ug/ml

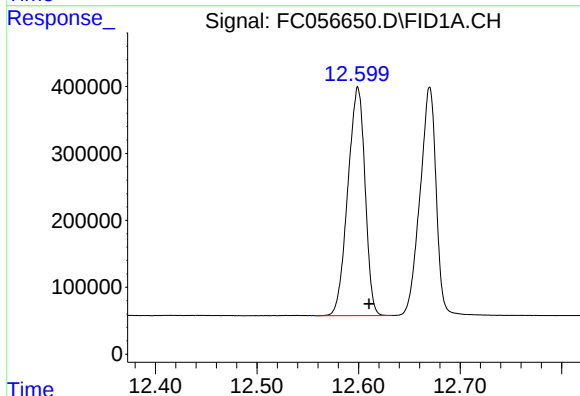
Instrument :

FID_C

ClientSampleId :

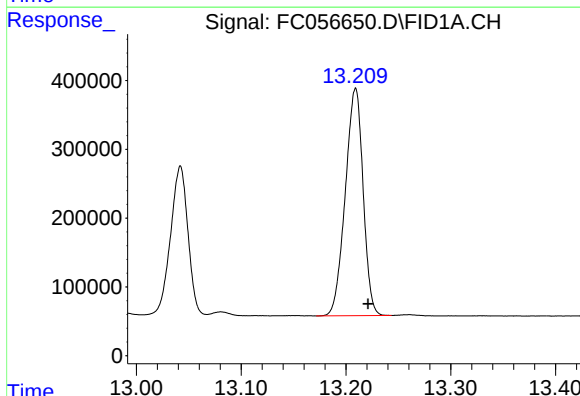
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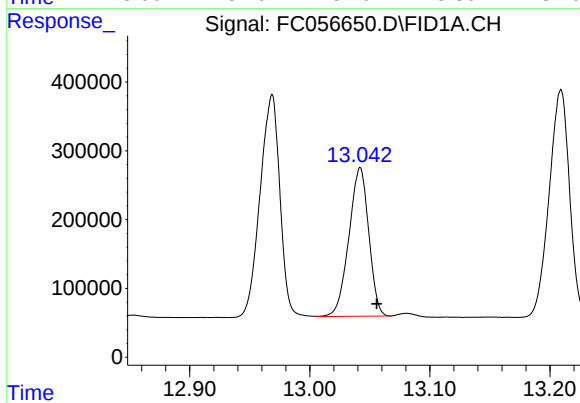
#10 n-Eicosane (C20)

R.T.: 12.599 min
Delta R.T.: -0.011 min
Response: 4020590
Conc: 34.98 ug/ml



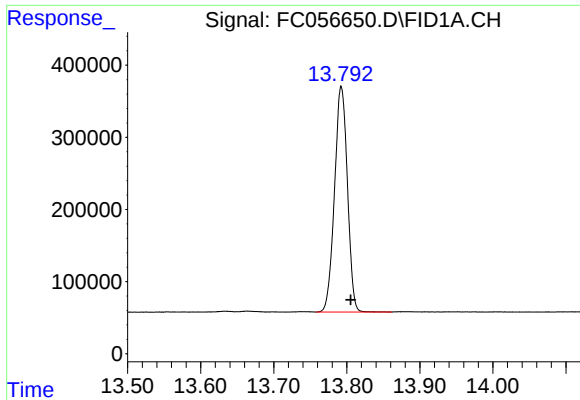
#11 n-Heneicosane (C21)

R.T.: 13.209 min
Delta R.T.: -0.012 min
Response: 3902240
Conc: 33.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.042 min
Delta R.T.: -0.014 min
Response: 2482230
Conc: 25.80 ug/ml



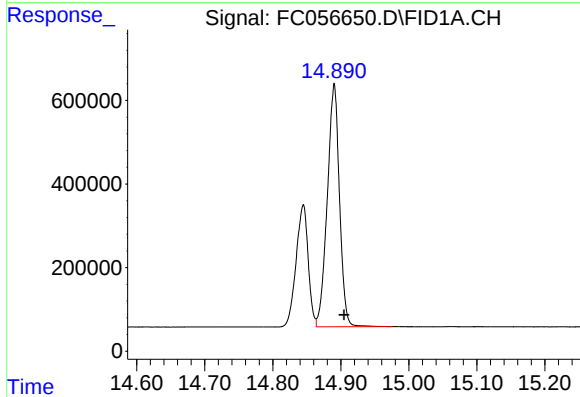
#13 n-Docosane (C22)

R.T.: 13.793 min
Delta R.T.: -0.013 min
Response: 3825792
Conc: 33.98 ug/ml

Instrument :
FID_C
ClientSampleId :

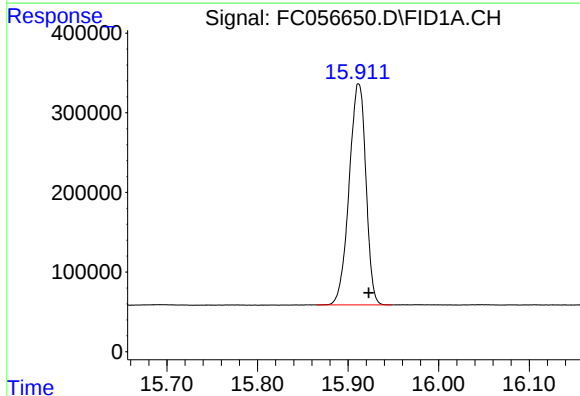
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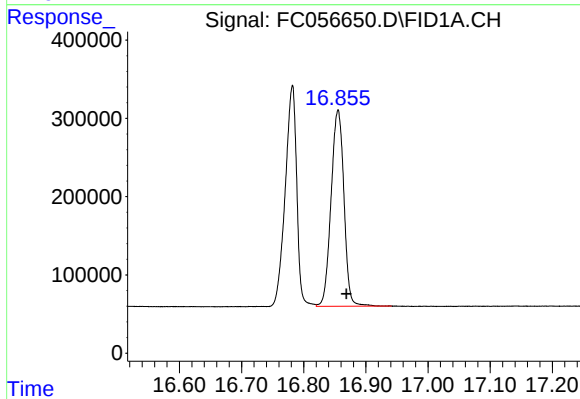
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.015 min
Response: 7236022
Conc: 65.66 ug/ml



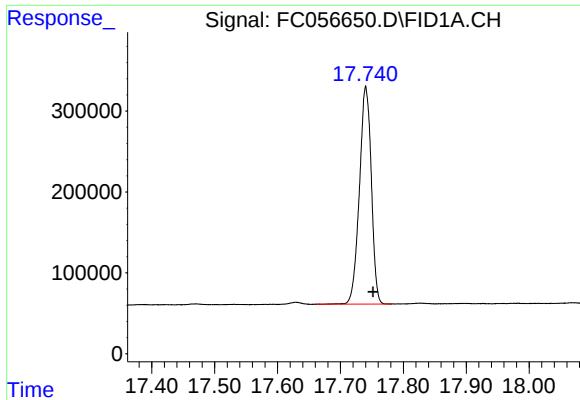
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.011 min
Response: 3568912
Conc: 33.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.014 min
Response: 3603257
Conc: 34.74 ug/ml



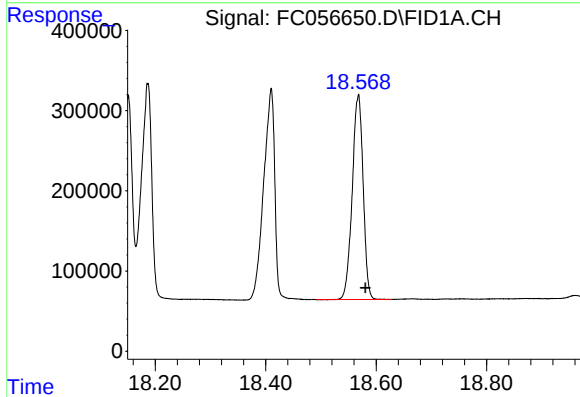
#17 n-Tricontane (C30)

R.T.: 17.741 min
Delta R.T.: -0.012 min
Response: 3529007
Conc: 34.06 ug/ml

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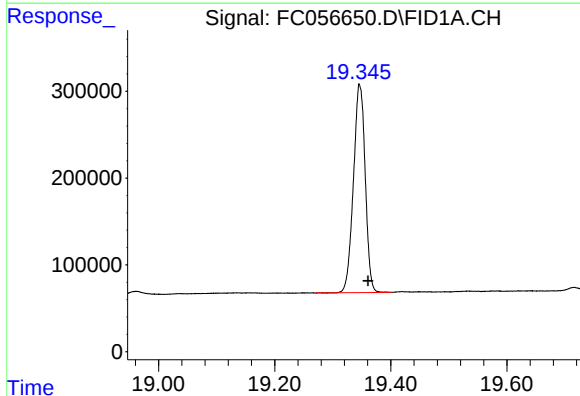
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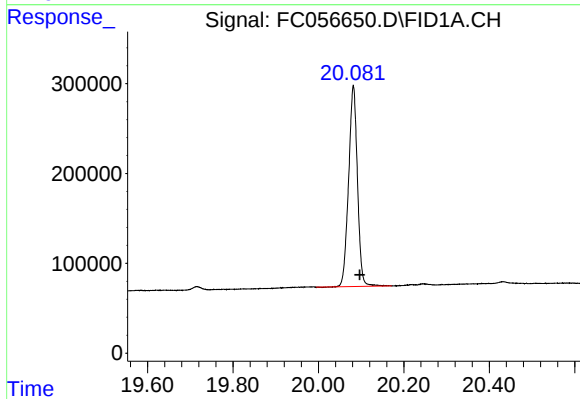
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.013 min
Response: 3503459
Conc: 36.57 ug/ml



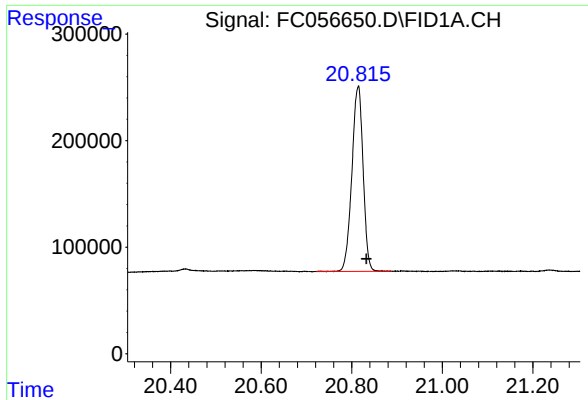
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.014 min
Response: 3378331
Conc: 38.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: -0.015 min
Response: 3207492
Conc: 39.19 ug/ml



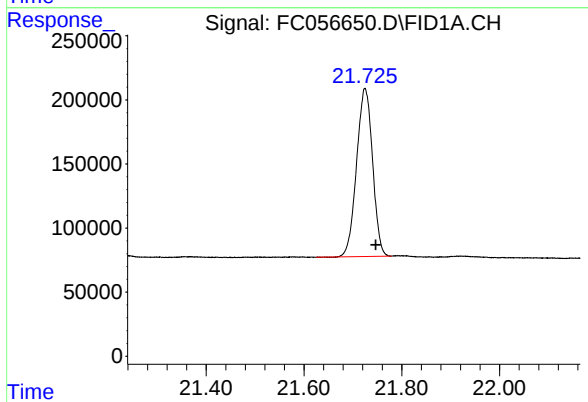
#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.018 min
Response: 2984448
Conc: 37.32 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: -0.022 min
Response: 2974762
Conc: 36.11 ug/ml