

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057603.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2021 8:55
 Operator : AJ\MA
 Sample : PB141508BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141508BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: sample.E
 Quant Time: Dec 20 00:38:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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			
12) S 1-chlorooctadecane (S...	12.243	3469606	31.331 ug/ml
Spiked Amount 50.000		Recovery =	62.66%
Target Compounds			
1) T n-Nonane (C9)	2.673	3498070	28.313 ug/mlm
2) T n-Decane (C10)	3.677	4445884	35.694 ug/ml
4) T n-Dodecane (C12)	5.664	5159417	41.779 ug/ml
6) T n-Tetradecane (C14)	7.454	5496839	44.391 ug/ml
7) T n-Hexadecane (C16)	9.053	6076565	48.462 ug/ml
8) T n-Octadecane (C18)	10.494	6390486	49.371 ug/ml
10) T n-Eicosane (C20)	11.803	6342926	48.825 ug/ml
11) T n-Heneicosane (C21)	12.414	6273988	47.804 ug/ml
13) T n-Docosane (C22)	12.999	6208706	47.237 ug/ml
14) T n-Tetracosane (C24)	14.101	6079104	45.707 ug/ml
15) T n-Hexacosane (C26)	15.121	5821617	44.396 ug/ml
16) T n-Octacosane (C28)	16.070	5661555	43.052 ug/ml
17) T n-Tricontane (C30)	16.957	5560107	40.683 ug/ml
18) T n-Dotriacontane (C32)	17.789	5329009	39.745 ug/ml
19) T n-Tetratriacontane (C34)	18.573	4828372	37.029 ug/mlm
20) T n-Hexatriacontane (C36)	19.313	4237219	35.685 ug/mlm
21) T n-Octatriacontane (C38)	20.035	3998617	36.407 ug/mlm
22) T n-Tetracontane (C40)	20.909	3918823	39.250 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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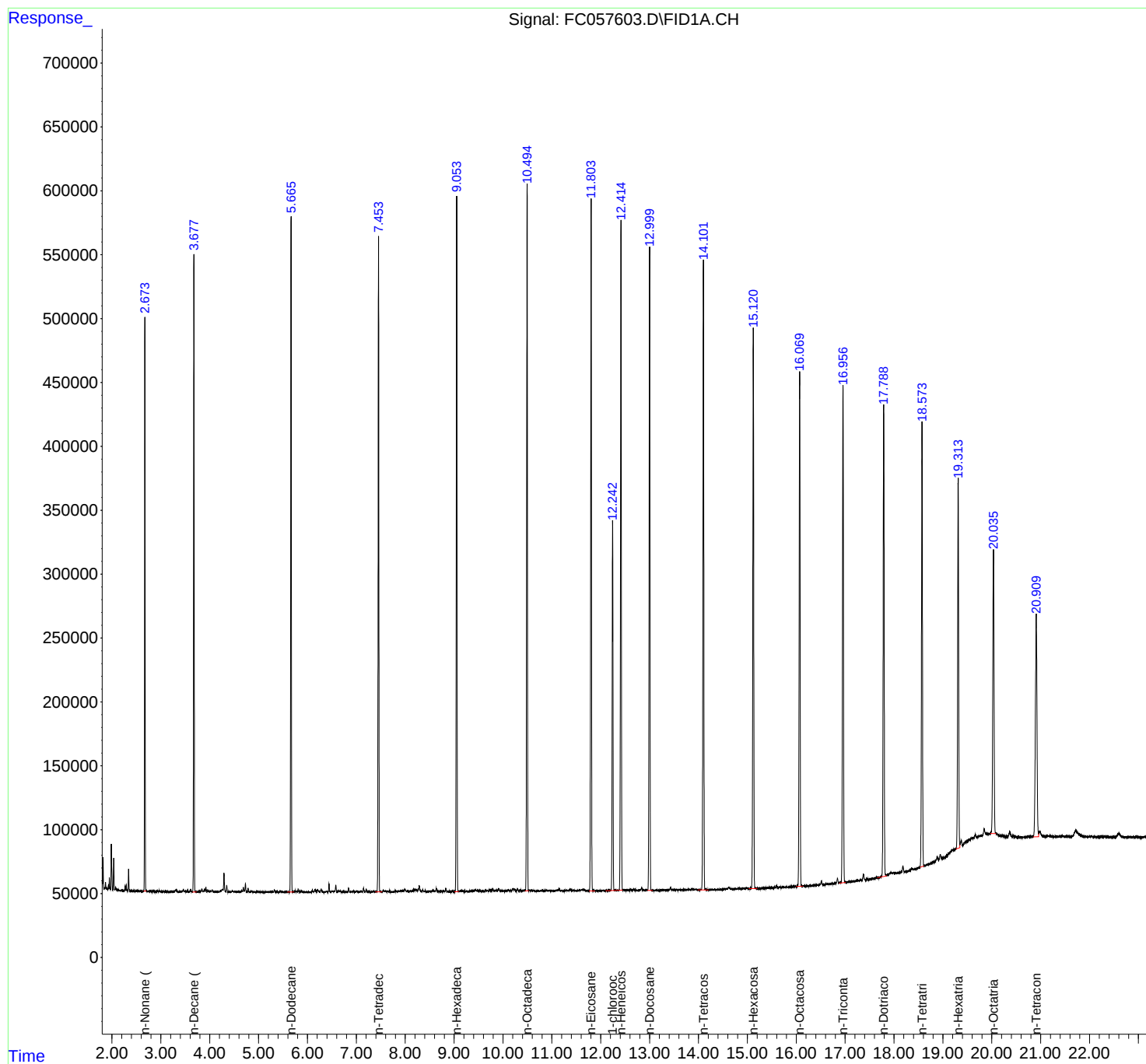
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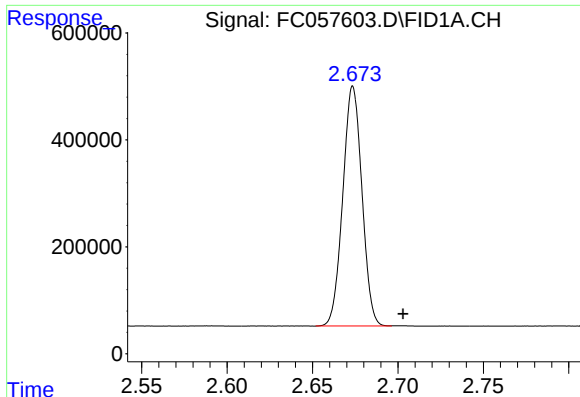
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#1 n-Nonane (C9)

R.T.: 2.673 min
Delta R.T.: -0.030 min
Response: 3498070
Conc: 28.31 ug/ml

Instrument :

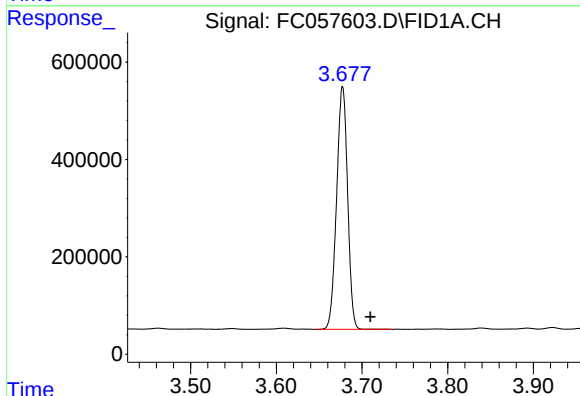
FID_C

ClientSampleId :

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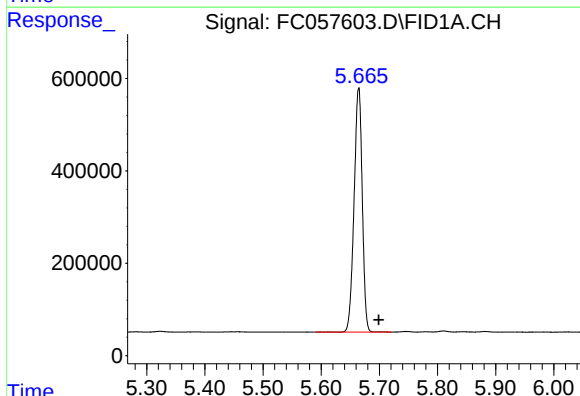
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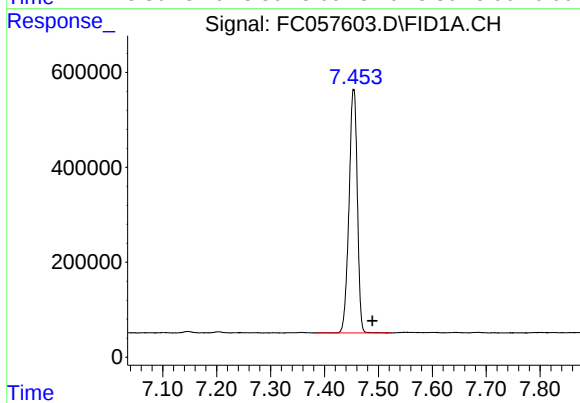
#2 n-Decane (C10)

R.T.: 3.677 min
Delta R.T.: -0.033 min
Response: 4445884
Conc: 35.69 ug/ml



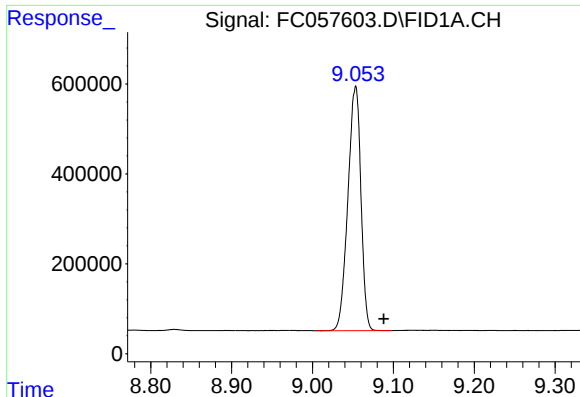
#4 n-Dodecane (C12)

R.T.: 5.664 min
Delta R.T.: -0.035 min
Response: 5159417
Conc: 41.78 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.454 min
Delta R.T.: -0.035 min
Response: 5496839
Conc: 44.39 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.053 min
Delta R.T.: -0.035 min
Response: 6076565
Conc: 48.46 ug/ml

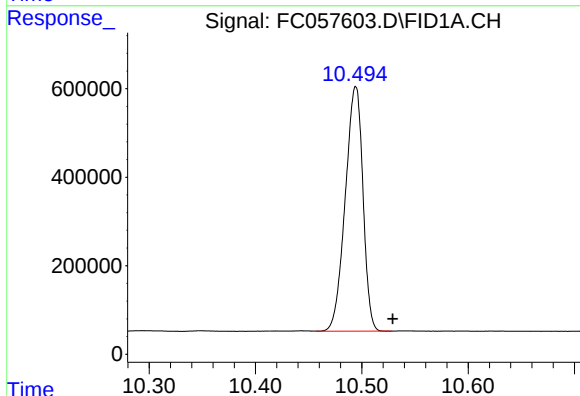
Instrument :

FID_C

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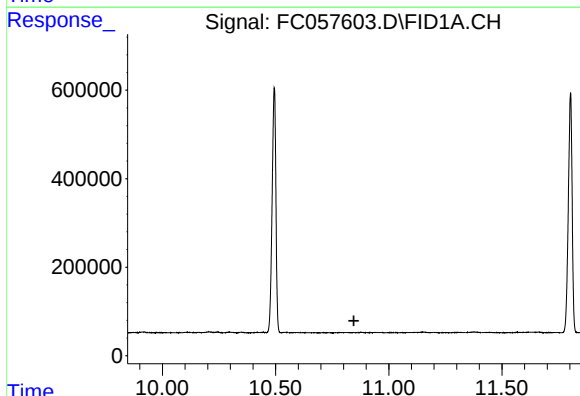
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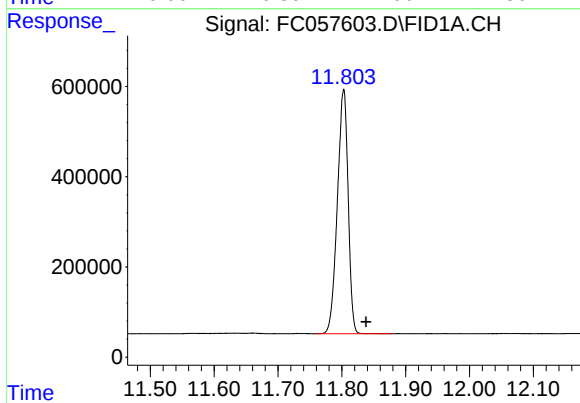
#8 n-Octadecane (C18)

R.T.: 10.494 min
Delta R.T.: -0.035 min
Response: 6390486
Conc: 49.37 ug/ml



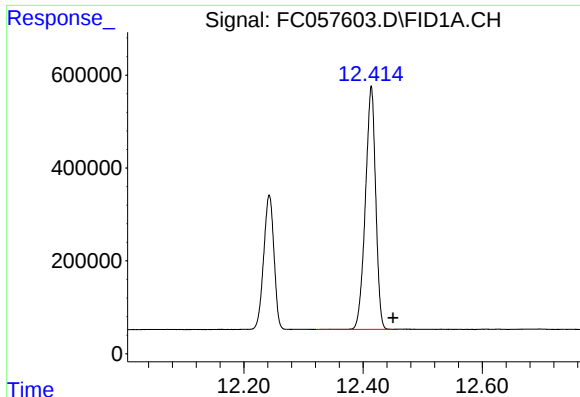
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.846 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.803 min
Delta R.T.: -0.035 min
Response: 6342926
Conc: 48.82 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.414 min
Delta R.T.: -0.036 min
Response: 6273988
Conc: 47.80 ug/ml

Instrument :

FID_C

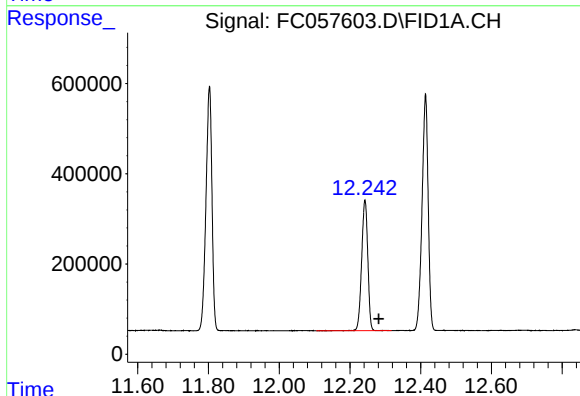
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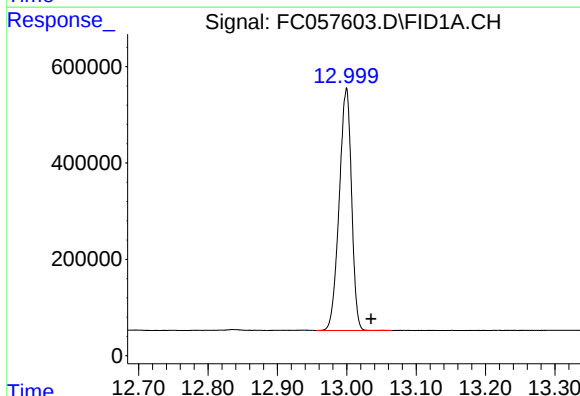
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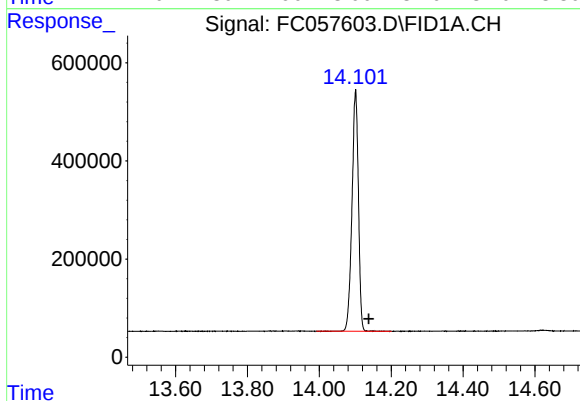
#12 1-chlorooctadecane (SURR)

R.T.: 12.243 min
Delta R.T.: -0.040 min
Response: 3469606
Conc: 31.33 ug/ml



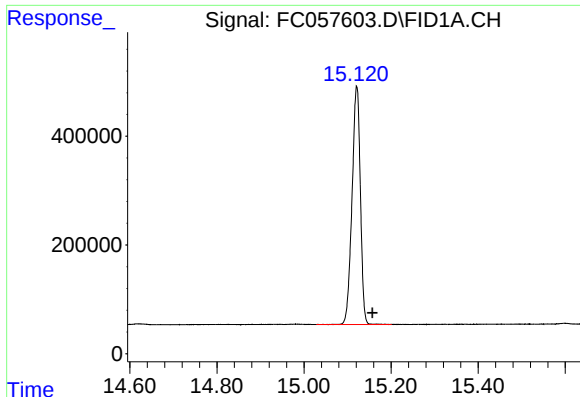
#13 n-Docosane (C22)

R.T.: 12.999 min
Delta R.T.: -0.036 min
Response: 6208706
Conc: 47.24 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.101 min
Delta R.T.: -0.036 min
Response: 6079104
Conc: 45.71 ug/ml



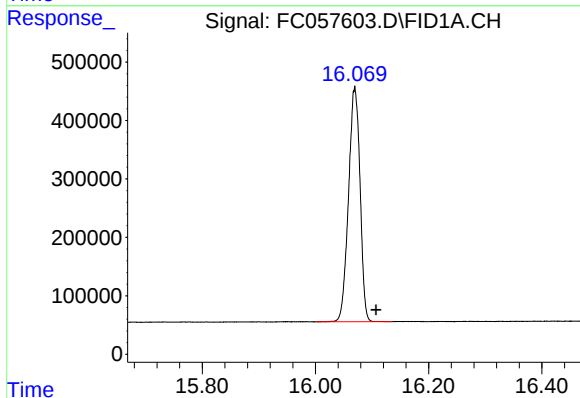
#15 n-Hexacosane (C26)

R.T.: 15.121 min
Delta R.T.: -0.036 min
Response: 5821617
Conc: 44.40 ug/ml

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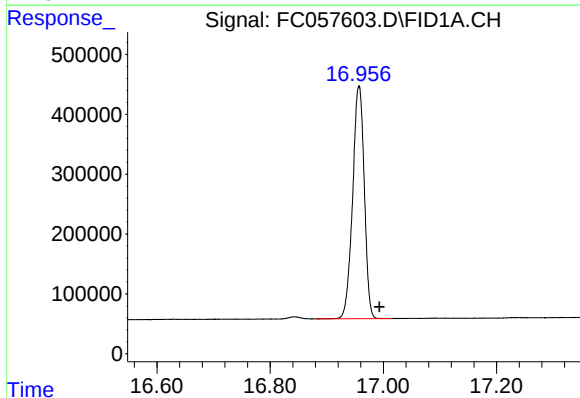
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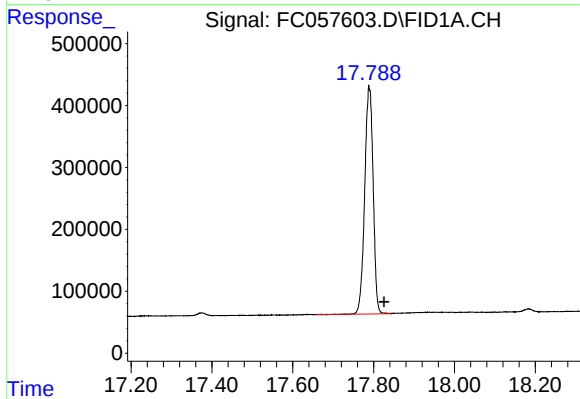
#16 n-Octacosane (C28)

R.T.: 16.070 min
Delta R.T.: -0.037 min
Response: 5661555
Conc: 43.05 ug/ml



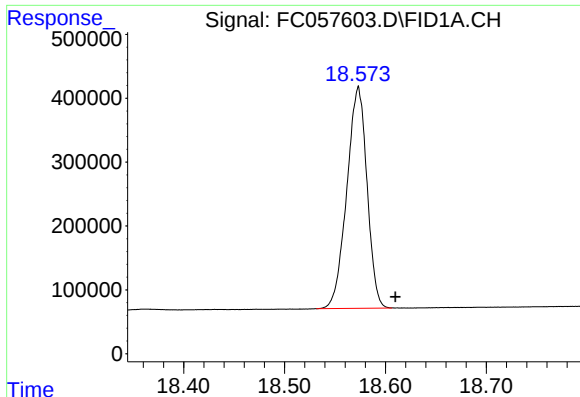
#17 n-Tricontane (C30)

R.T.: 16.957 min
Delta R.T.: -0.036 min
Response: 5560107
Conc: 40.68 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.789 min
Delta R.T.: -0.037 min
Response: 5329009
Conc: 39.75 ug/ml



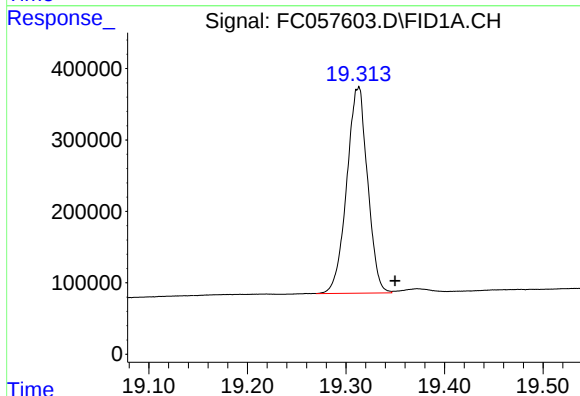
#19 n-Tetratriacontane (C34)

R.T.: 18.573 min
Delta R.T.: -0.037 min
Response: 4828372
Conc: 37.03 ug/ml

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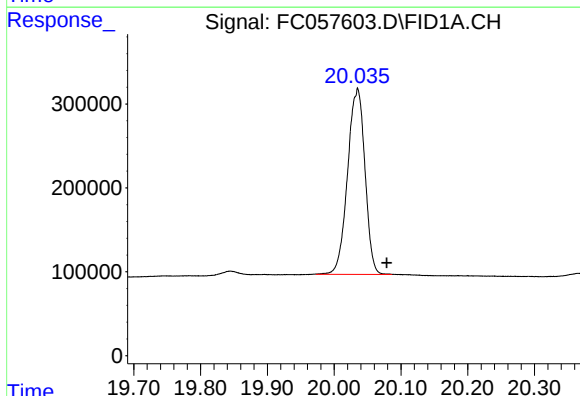
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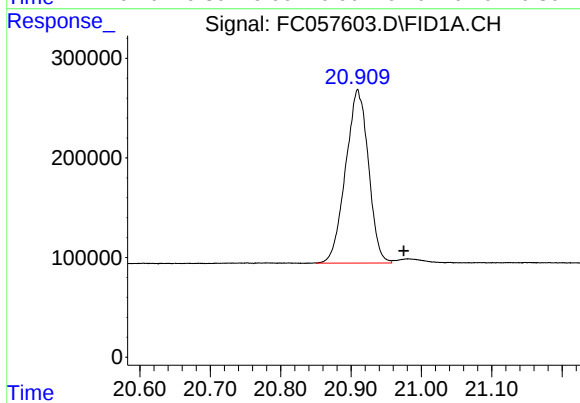
#20 n-Hexatriacontane (C36)

R.T.: 19.313 min
Delta R.T.: -0.037 min
Response: 4237219
Conc: 35.68 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.035 min
Delta R.T.: -0.044 min
Response: 3998617
Conc: 36.41 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.909 min
Delta R.T.: -0.066 min
Response: 3918823
Conc: 39.25 ug/ml m