

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057607.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2021 11:09
 Operator : AJ\MA
 Sample : M5092-04MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PATAPSCO-FEED-CAKEMS

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 00:39:27 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	3546894	32.029 ug/mlm
Spiked Amount 50.000		Recovery =	64.06%
Target Compounds			
1) T n-Nonane (C9)	2.673	2998002	24.266 ug/mlm
2) T n-Decane (C10)	3.677	3916668	31.445 ug/ml
4) T n-Dodecane (C12)	5.665	6180312	50.045 ug/mlm
6) T n-Tetradecane (C14)	7.463	16656748	134.516 ug/mlm
7) T n-Hexadecane (C16)	9.053	6544799	52.197 ug/ml
8) T n-Octadecane (C18)	10.494	6058466	46.806 ug/ml
10) T n-Eicosane (C20)	11.800	5654776	43.528 ug/mlm
11) T n-Heneicosane (C21)	12.414	5521693	42.072 ug/mlm
13) T n-Docosane (C22)	13.001	5512357	41.939 ug/mlm
14) T n-Tetracosane (C24)	14.102	5563622	41.831 ug/mlm
15) T n-Hexacosane (C26)	15.121	5508115	42.006 ug/mlm
16) T n-Octacosane (C28)	16.073	5393309	41.013 ug/mlm
17) T n-Tricontane (C30)	16.958	5330286	39.002 ug/ml
18) T n-Dotriacontane (C32)	17.790	5041256	37.599 ug/ml
19) T n-Tetratriacontane (C34)	18.574	4702571	36.064 ug/mlm
20) T n-Hexatriacontane (C36)	19.314	3919605	33.010 ug/mlm
21) T n-Octatriacontane (C38)	20.033	3630685	33.057 ug/mlm
22) T n-Tetracontane (C40)	20.912	3610169	36.158 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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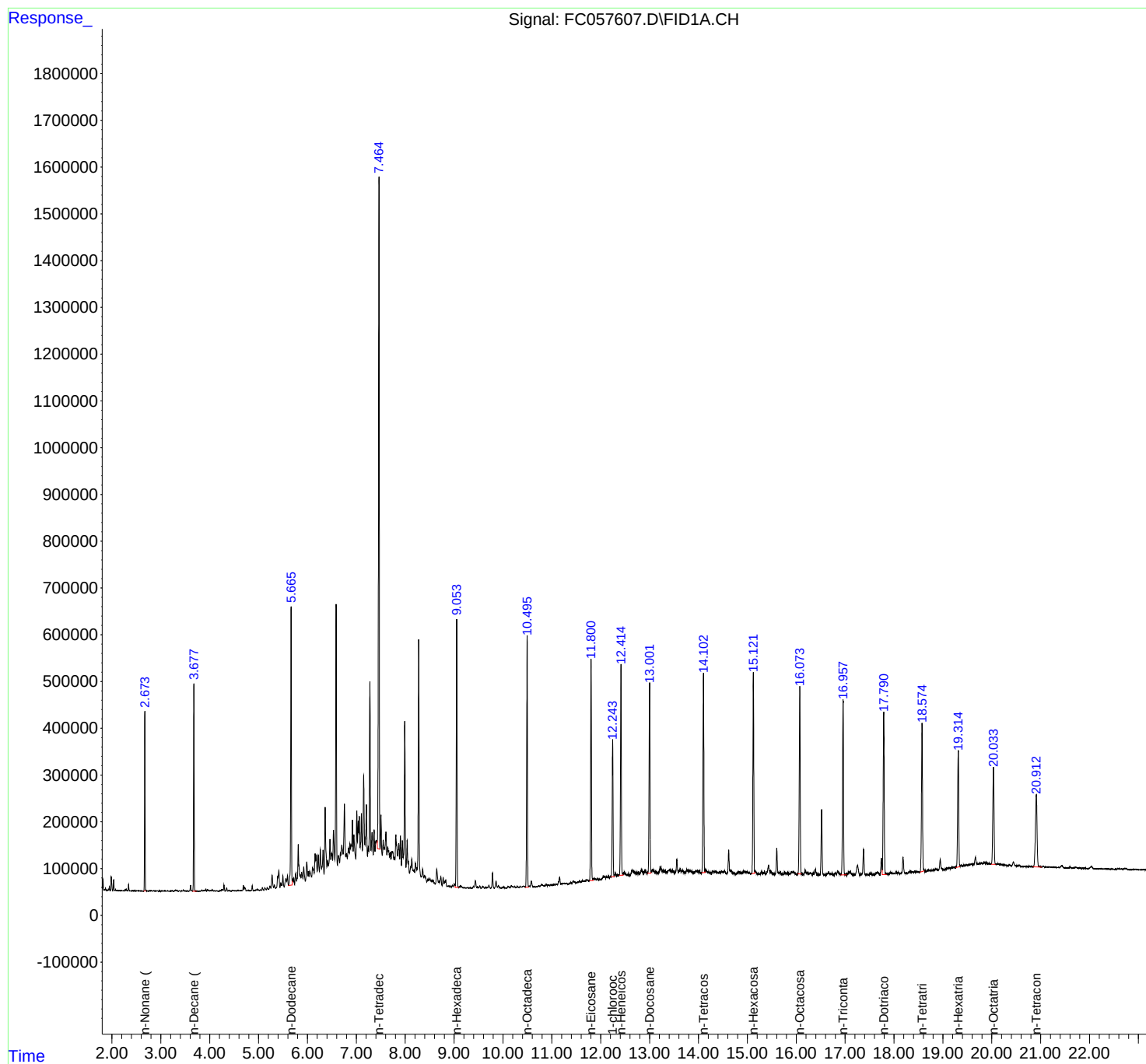
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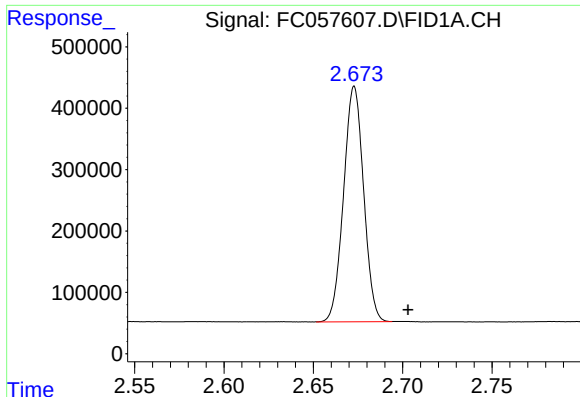
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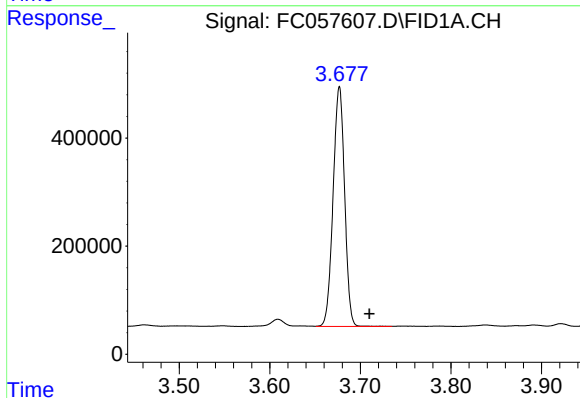
#1 n-Nonane (C9)

R.T.: 2.673 min
Delta R.T.: -0.030 min
Response: 2998002
Conc: 24.27 ug/ml

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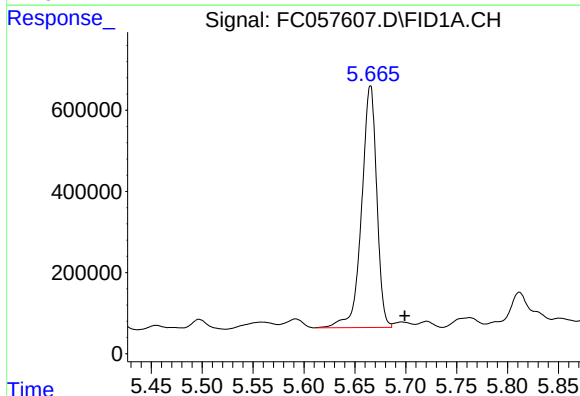
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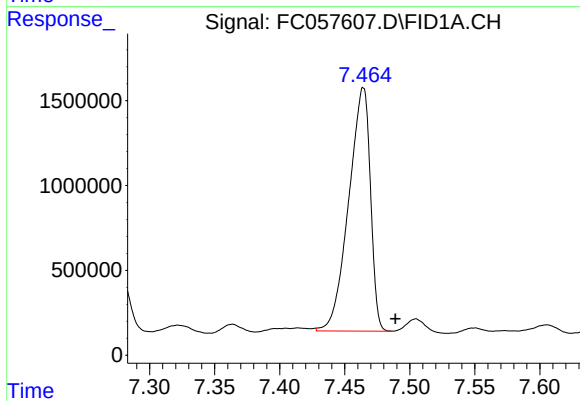
#2 n-Decane (C10)

R.T.: 3.677 min
Delta R.T.: -0.033 min
Response: 3916668
Conc: 31.45 ug/ml



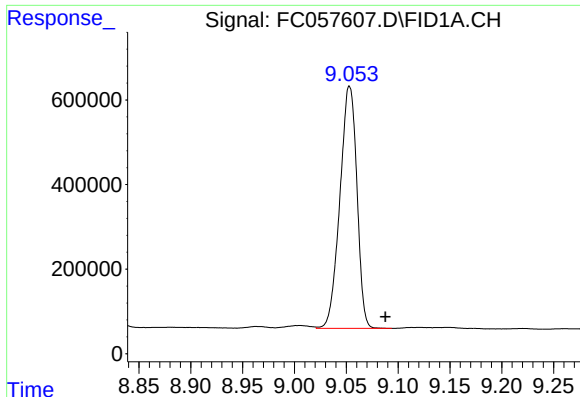
#4 n-Dodecane (C12)

R.T.: 5.665 min
Delta R.T.: -0.034 min
Response: 6180312
Conc: 50.05 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.463 min
Delta R.T.: -0.026 min
Response: 16656748
Conc: 134.52 ug/ml m



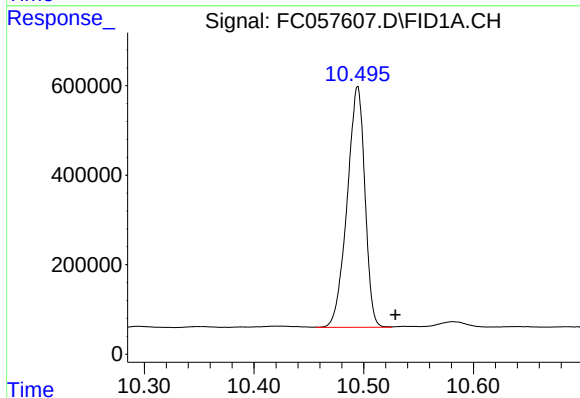
#7 n-Hexadecane (C16)

R.T.: 9.053 min
Delta R.T.: -0.035 min
Response: 6544799
Conc: 52.20 ug/ml

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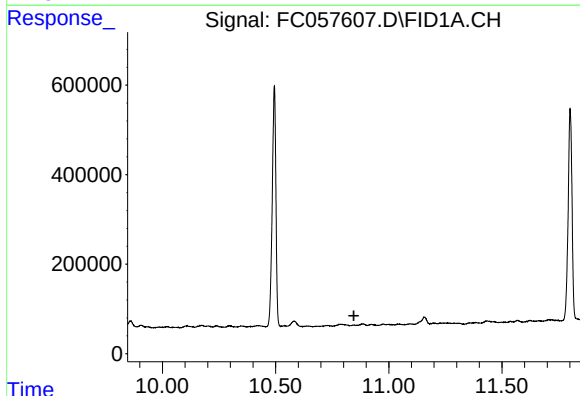
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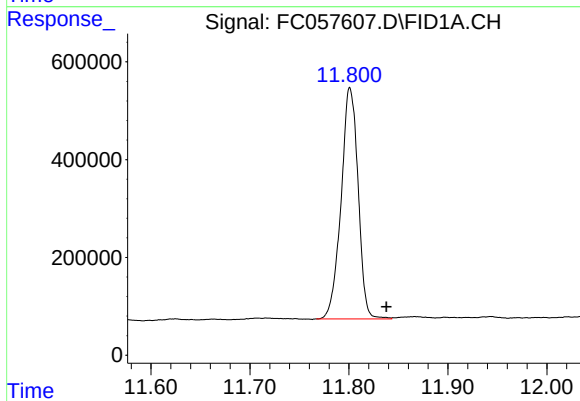
#8 n-Octadecane (C18)

R.T.: 10.494 min
Delta R.T.: -0.035 min
Response: 6058466
Conc: 46.81 ug/ml



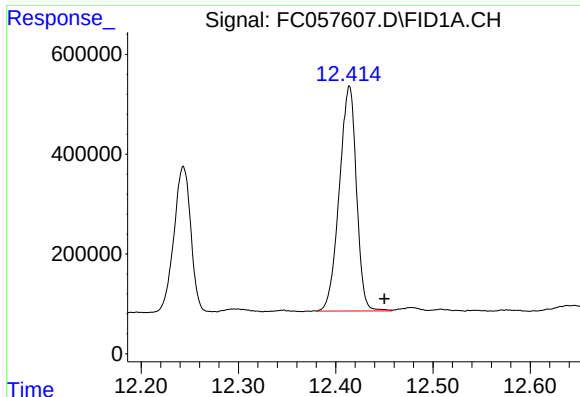
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.800 min
Delta R.T.: -0.038 min
Response: 5654776
Conc: 43.53 ug/ml m



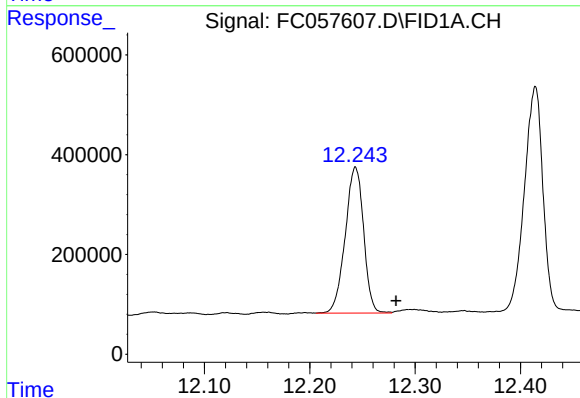
#11 n-Heneicosane (C21)

R.T.: 12.414 min
Delta R.T.: -0.036 min
Response: 5521693
Conc: 42.07 ug/ml

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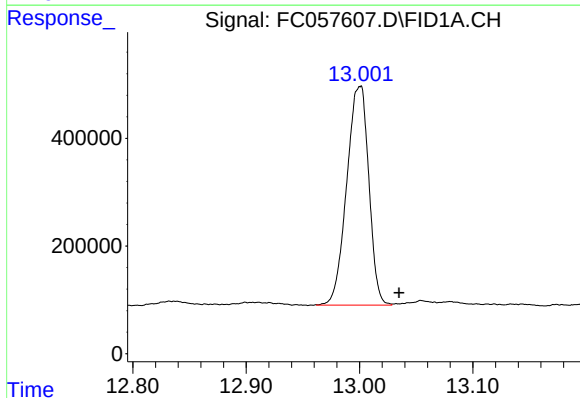
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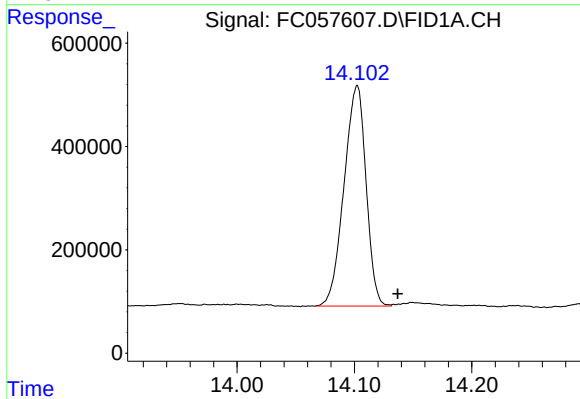
#12 1-chlorooctadecane (SURR)

R.T.: 12.243 min
Delta R.T.: -0.039 min
Response: 3546894
Conc: 32.03 ug/ml m



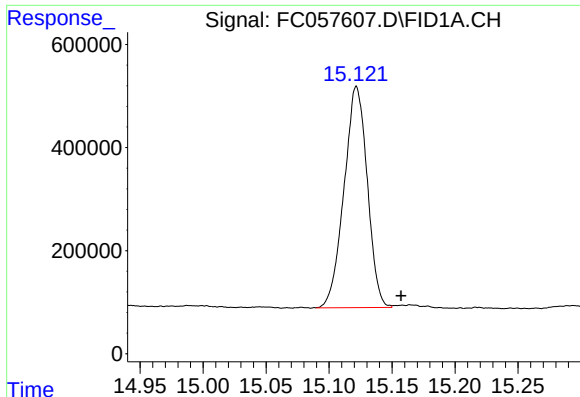
#13 n-Docosane (C22)

R.T.: 13.001 min
Delta R.T.: -0.034 min
Response: 5512357
Conc: 41.94 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.102 min
Delta R.T.: -0.035 min
Response: 5563622
Conc: 41.83 ug/ml m



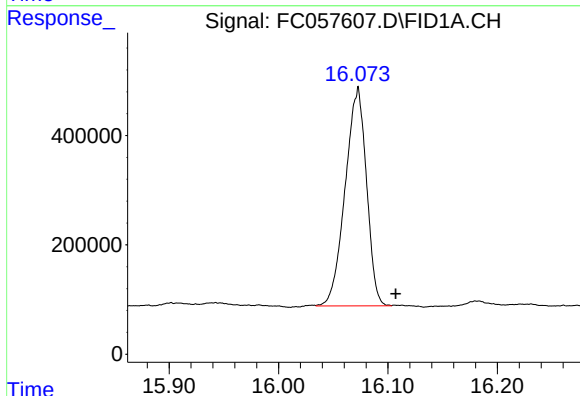
#15 n-Hexacosane (C26)

R.T.: 15.121 min
Delta R.T.: -0.036 min
Response: 5508115
Conc: 42.01 ug/ml

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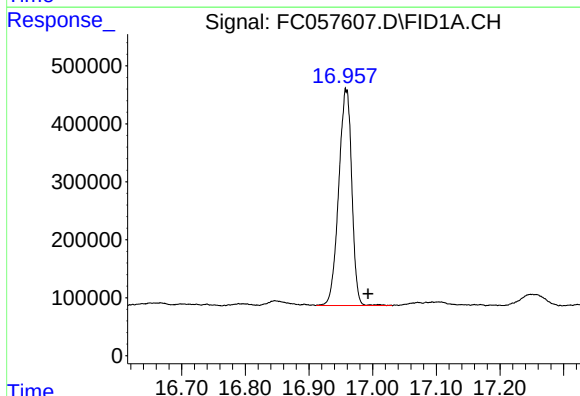
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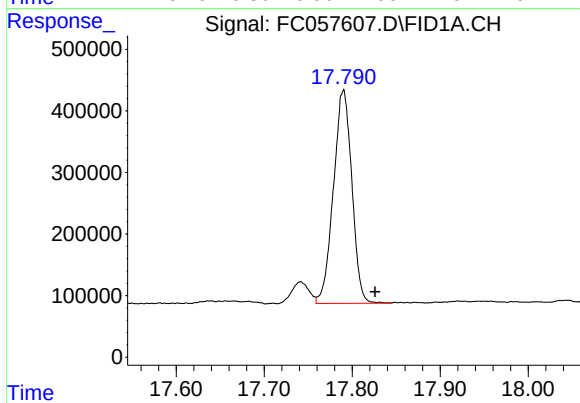
#16 n-Octacosane (C28)

R.T.: 16.073 min
Delta R.T.: -0.034 min
Response: 5393309
Conc: 41.01 ug/ml m



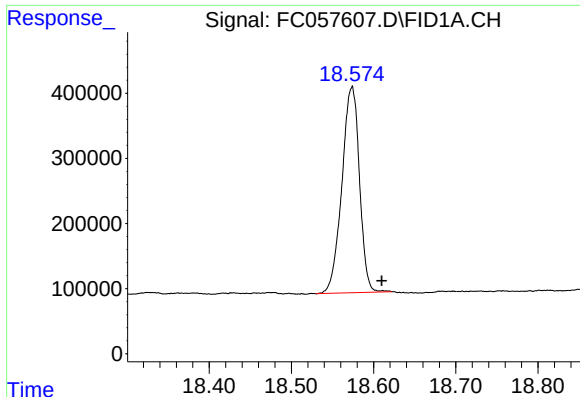
#17 n-Tricontane (C30)

R.T.: 16.958 min
Delta R.T.: -0.035 min
Response: 5330286
Conc: 39.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.790 min
Delta R.T.: -0.036 min
Response: 5041256
Conc: 37.60 ug/ml



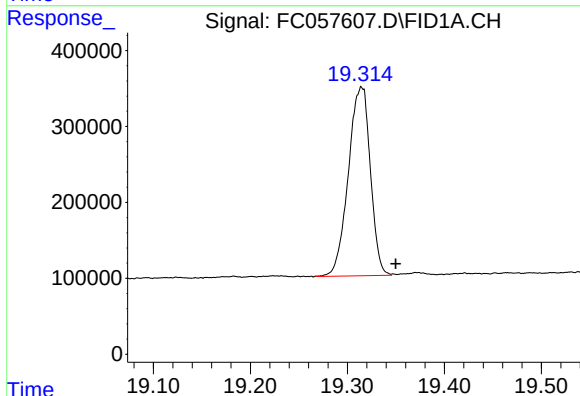
#19 n-Tetratriacontane (C34)

R.T.: 18.574 min
Delta R.T.: -0.036 min
Response: 4702571
Conc: 36.06 ug/ml

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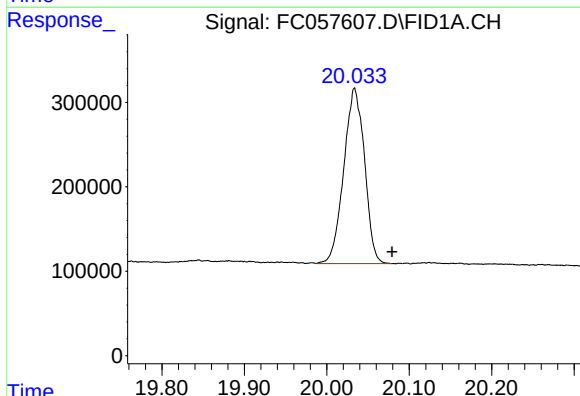
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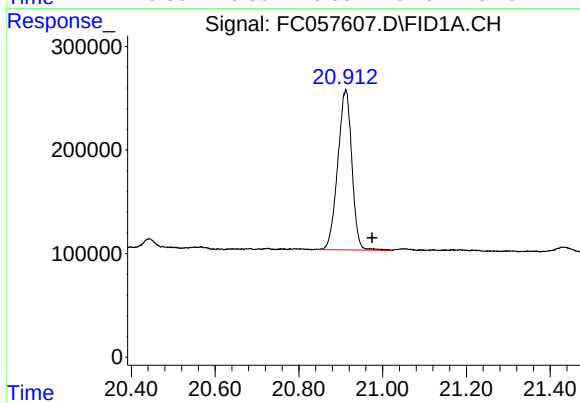
#20 n-Hexatriacontane (C36)

R.T.: 19.314 min
Delta R.T.: -0.036 min
Response: 3919605
Conc: 33.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.033 min
Delta R.T.: -0.046 min
Response: 3630685
Conc: 33.06 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.912 min
Delta R.T.: -0.064 min
Response: 3610169
Conc: 36.16 ug/ml