

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100721AL\
 Data File : FC056046.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2021 17:59
 Operator : AJ\MA
 Sample : PB139689BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB139689BSD

Manual Integrations
 APPROVED

mohammad
 10/11/2021 8:16:39 AM

Integration File: autoint1.e
 Quant Time: Oct 08 01:13:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.646	4673296	39.384 ug/ml
Spiked Amount 50.000		Recovery =	78.77%
12) S 1-chlorooctadecane (S...	13.077	3724391	40.538 ug/ml
Spiked Amount 50.000		Recovery =	81.08%
Target Compounds			
1) T n-Nonane (C9)	3.404	3942160	36.942 ug/mlm
2) T n-Decane (C10)	4.469	4179343	39.098 ug/ml
3) T A~Naphthalene (C11.7)	6.058	4557480	37.878 ug/ml
4) T n-Dodecane (C12)	6.484	4392599	40.470 ug/ml
5) T A~2-methylnaphthalene...	7.115	4428224	36.454 ug/ml
6) T n-Tetradecane (C14)	8.282	4557913	41.198 ug/ml
7) T n-Hexadecane (C16)	9.881	4612007	41.665 ug/ml
8) T n-Octadecane (C18)	11.323	4700422	41.998 ug/ml
10) T n-Eicosane (C20)	12.632	4470012	40.924 ug/ml
11) T n-Heneicosane (C21)	13.242	4396767	40.440 ug/ml
13) T n-Docosane (C22)	13.828	4329070	40.535 ug/ml
14) T n-Tetracosane (C24)	14.929	8486060	81.153 ug/ml
15) T n-Hexacosane (C26)	15.950	4211096	41.912 ug/ml
16) T n-Octacosane (C28)	16.896	4279228	44.239 ug/ml
17) T n-Tricontane (C30)	17.783	4151364	44.741 ug/ml
18) T n-Dotriacontane (C32)	18.611	4101299	46.130 ug/ml
19) T n-Tetratriacontane (C34)	19.391	3965769	45.853 ug/ml
20) T n-Hexatriacontane (C36)	20.128	3704933	45.347 ug/ml
21) T n-Octatriacontane (C38)	20.870	3486446	43.751 ug/ml
22) T n-Tetracontane (C40)	21.795	3499450	43.655 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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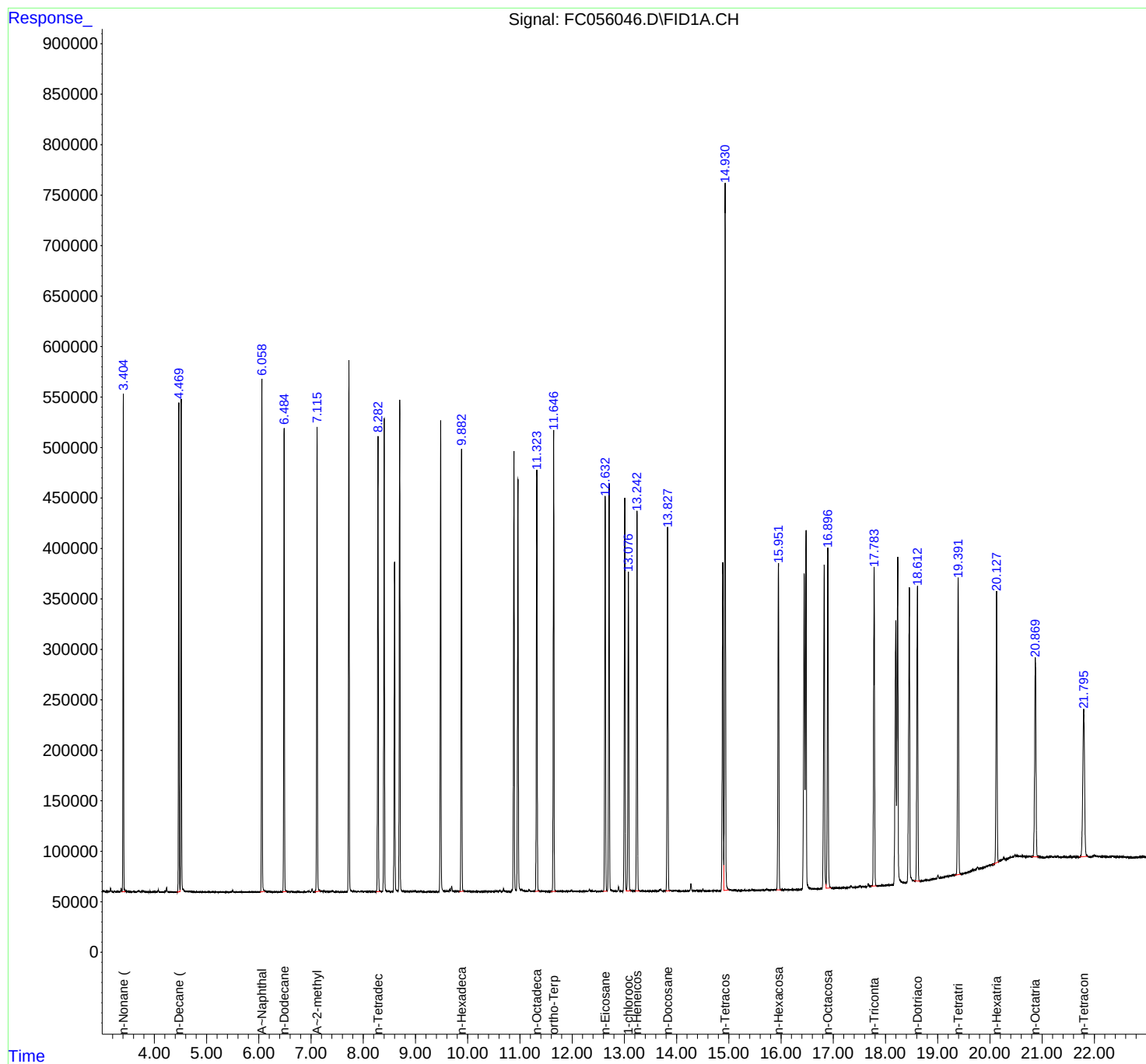
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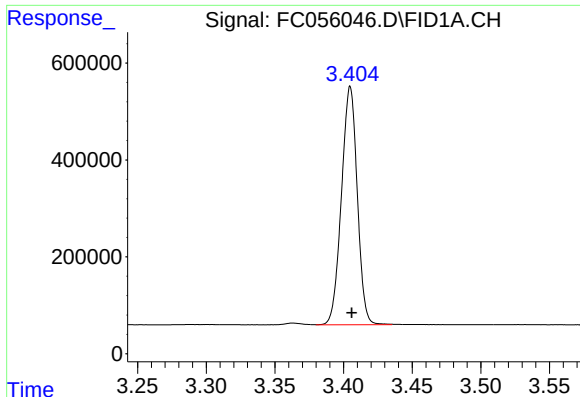
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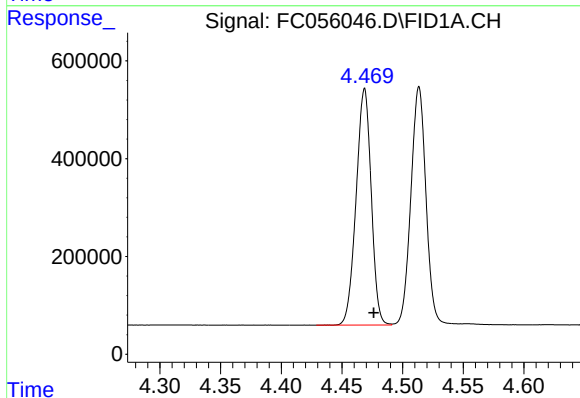
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.002 min
Response: 3942160
Conc: 36.94 ug/ml m

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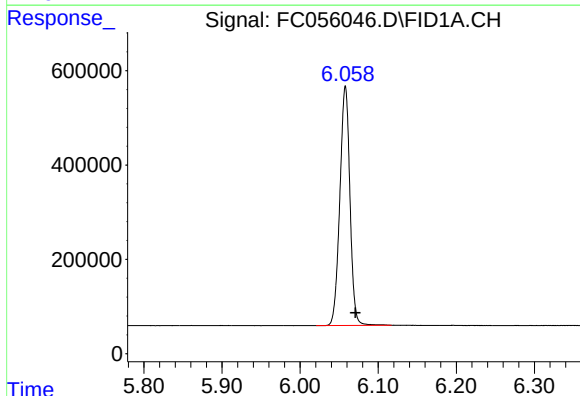
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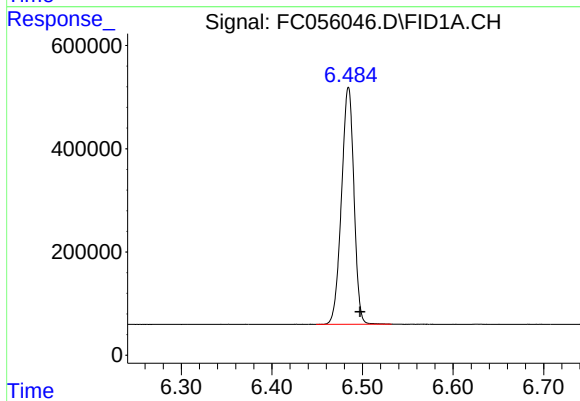
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.008 min
Response: 4179343
Conc: 39.10 ug/ml



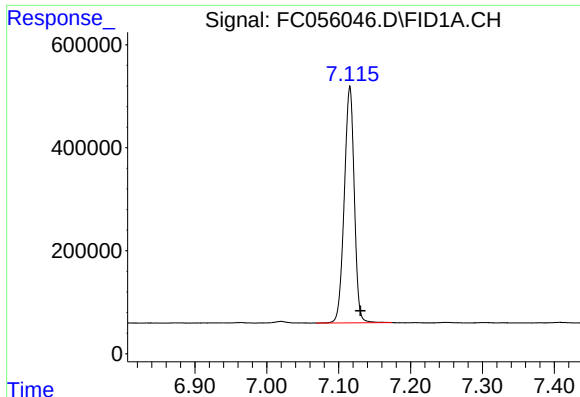
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.013 min
Response: 4557480
Conc: 37.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: -0.013 min
Response: 4392599
Conc: 40.47 ug/ml



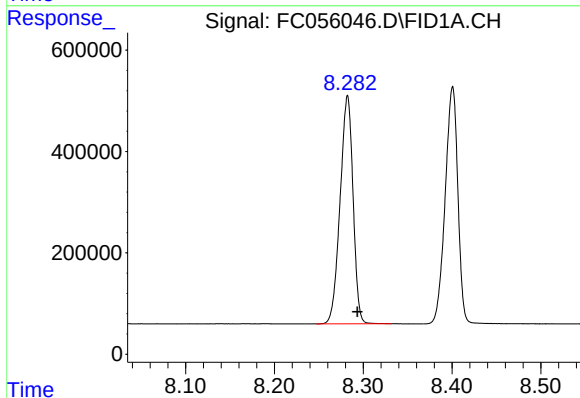
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.015 min
Response: 4428224
Conc: 36.45 ug/ml

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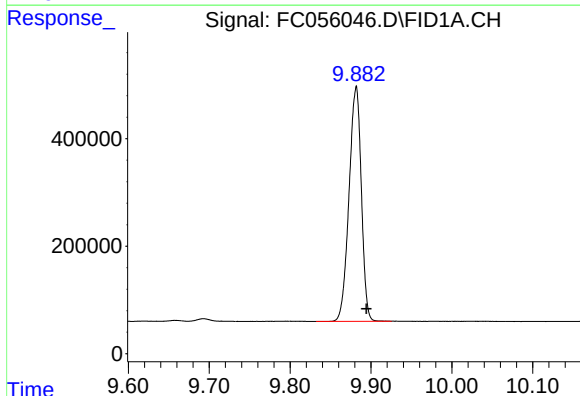
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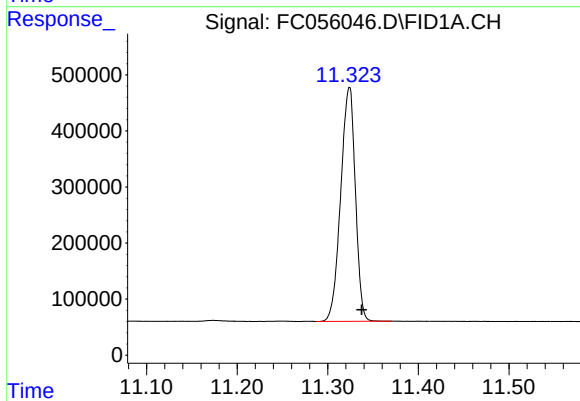
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 4557913
Conc: 41.20 ug/ml



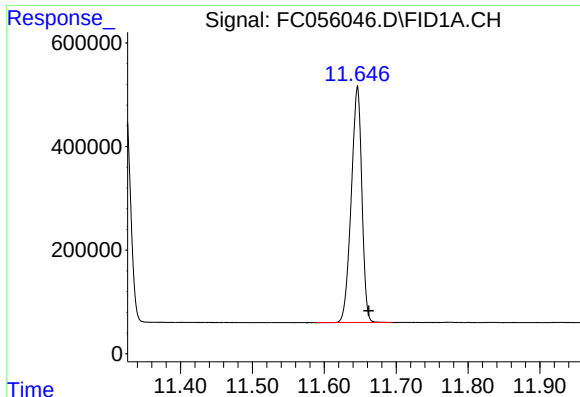
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.013 min
Response: 4612007
Conc: 41.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.014 min
Response: 4700422
Conc: 42.00 ug/ml



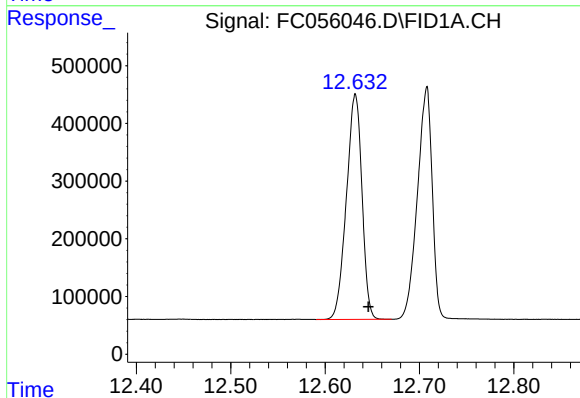
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.016 min
Response: 4673296
Conc: 39.38 ug/ml

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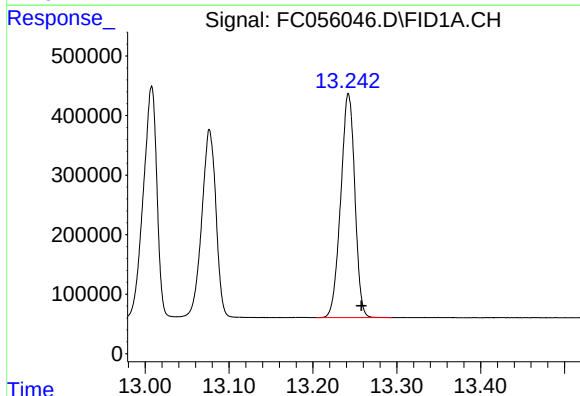
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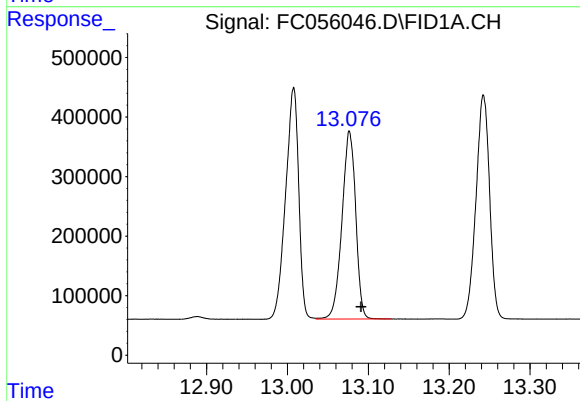
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.014 min
Response: 4470012
Conc: 40.92 ug/ml



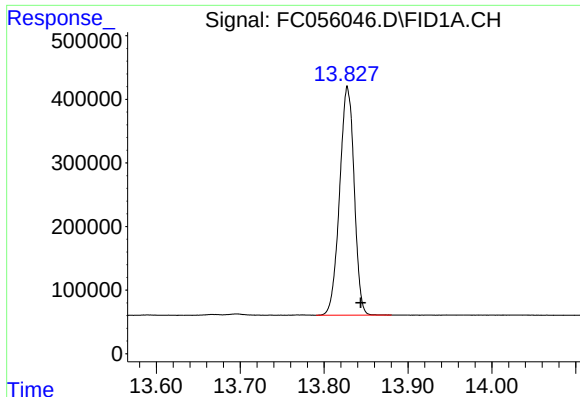
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: -0.015 min
Response: 4396767
Conc: 40.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: -0.014 min
Response: 3724391
Conc: 40.54 ug/ml



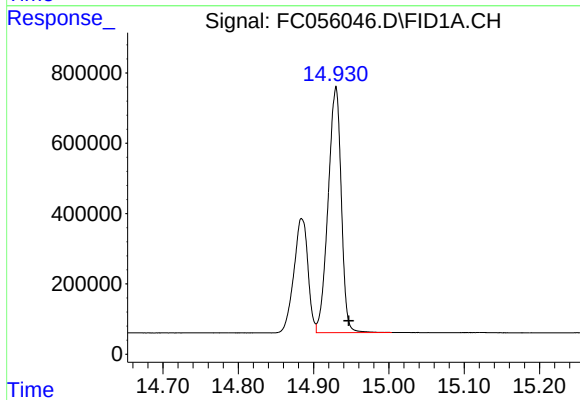
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: -0.016 min
Response: 4329070
Conc: 40.53 ug/ml

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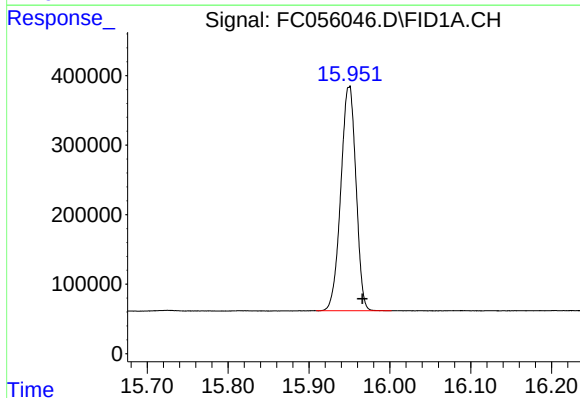
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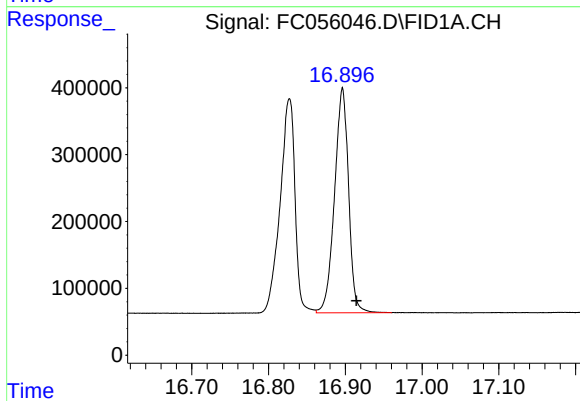
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: -0.017 min
Response: 8486060
Conc: 81.15 ug/ml



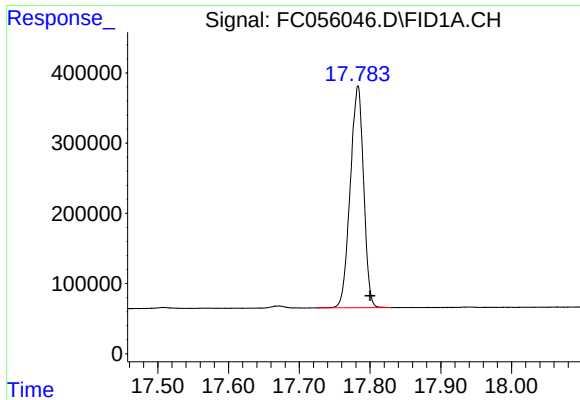
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.017 min
Response: 4211096
Conc: 41.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.896 min
Delta R.T.: -0.018 min
Response: 4279228
Conc: 44.24 ug/ml



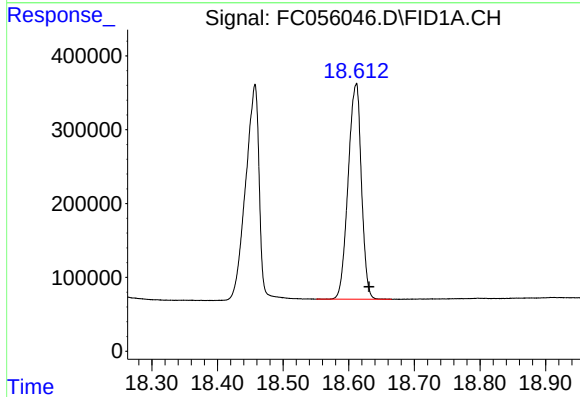
#17 n-Tricontane (C30)

R.T.: 17.783 min
Delta R.T.: -0.018 min
Response: 4151364
Conc: 44.74 ug/ml

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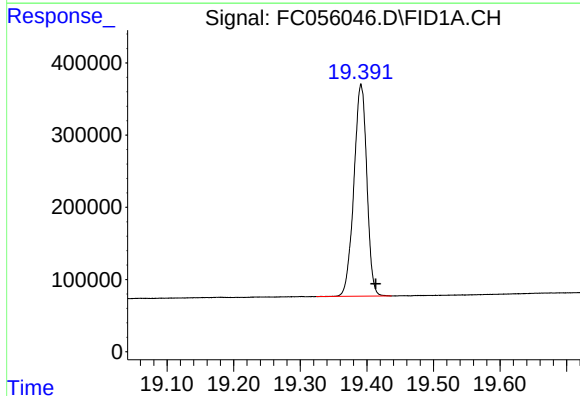
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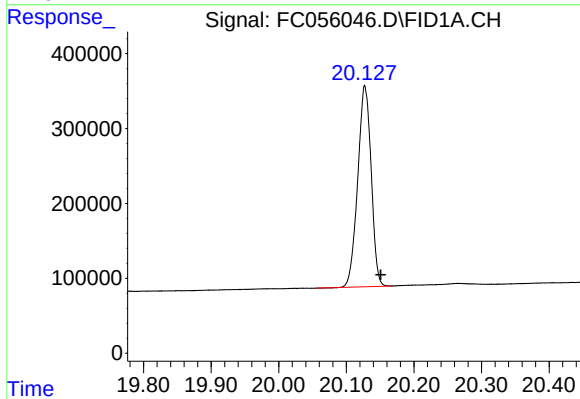
#18 n-Dotriacontane (C32)

R.T.: 18.611 min
Delta R.T.: -0.020 min
Response: 4101299
Conc: 46.13 ug/ml



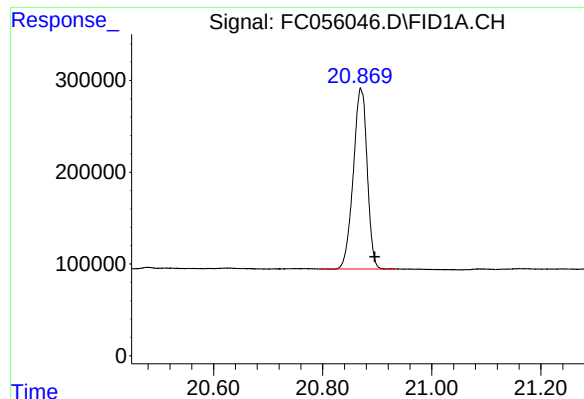
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: -0.022 min
Response: 3965769
Conc: 45.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: -0.023 min
Response: 3704933
Conc: 45.35 ug/ml



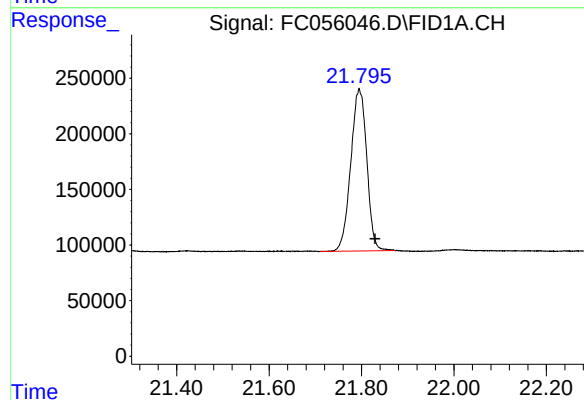
#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: -0.025 min
Response: 3486446
Conc: 43.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.795 min
Delta R.T.: -0.034 min
Response: 3499450
Conc: 43.66 ug/ml