

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090221AL\
 Data File : FC055488.D
 Signal(s) : FID1A.CH
 Acq On : 02 Sep 2021 15:04
 Operator : AJ\MA
 Sample : PB138865BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138865BS

Manual Integrations
 APPROVED

mohammad
 9/7/2021 8:06:43 AM

Integration File: autoint1.e
 Quant Time: Sep 03 01:05:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.657	5779613	46.264 ug/ml
Spiked Amount 50.000		Recovery =	92.53%
12) S 1-chlorooctadecane (S...	13.091	4604159	46.522 ug/ml
Spiked Amount 50.000		Recovery =	93.04%
Target Compounds			
1) T n-Nonane (C9)	3.410	4979129	46.063 ug/ml
2) T n-Decane (C10)	4.475	5456489	50.041 ug/ml
3) T A~Naphthalene (C11.7)	6.062	6489106	52.662 ug/ml
4) T n-Dodecane (C12)	6.493	6001682	54.812 ug/ml
5) T A~2-methylnaphthalene...	7.120	6594672	52.992 ug/ml
6) T n-Tetradecane (C14)	8.292	6758860	60.685 ug/ml
7) T n-Hexadecane (C16)	9.893	7196018	63.673 ug/ml
8) T n-Octadecane (C18)	11.337	7540016	64.762 ug/ml
10) T n-Eicosane (C20)	12.648	7335909	62.782 ug/ml
11) T n-Heneicosane (C21)	13.260	7300955	62.033 ug/ml
13) T n-Docosane (C22)	13.846	7170175	61.467 ug/ml
14) T n-Tetracosane (C24)	14.942	13269485	113.942 ug/ml
15) T n-Hexacosane (C26)	15.972	6641785	58.630 ug/ml
16) T n-Octacosane (C28)	16.919	6343299	57.325 ug/ml
17) T n-Tricontane (C30)	17.808	5834990	54.874 ug/ml
18) T n-Dotriacontane (C32)	18.639	5370046	53.583 ug/ml
19) T n-Tetratriacontane (C34)	19.421	4851682	51.406 ug/ml
20) T n-Hexatriacontane (C36)	20.160	4509065	51.933 ug/mlm
21) T n-Octatriacontane (C38)	20.907	4211563	51.670 ug/mlm
22) T n-Tetracontane (C40)	21.845	4318446	53.769 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 4 Sample Multiplier: 1

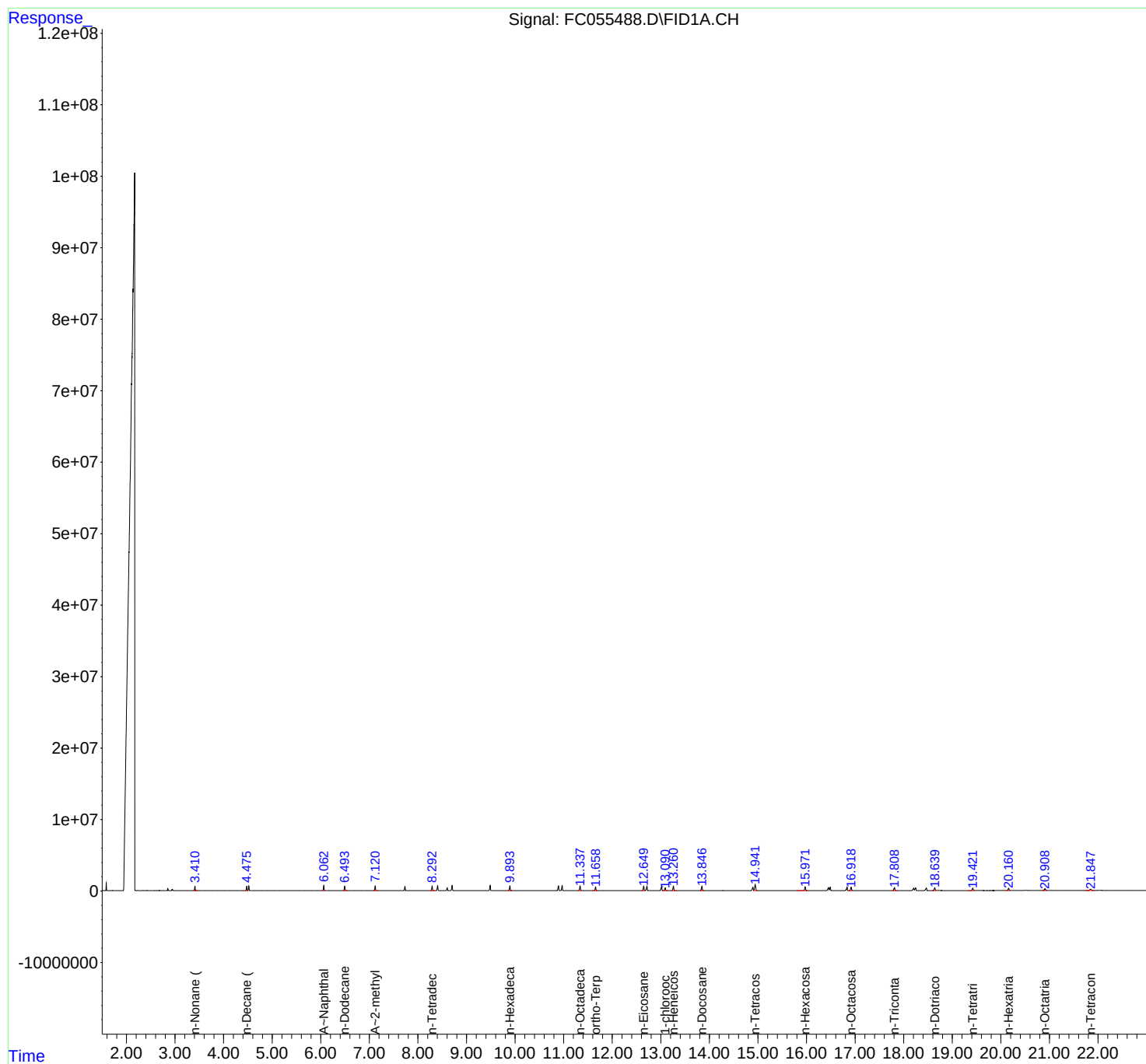
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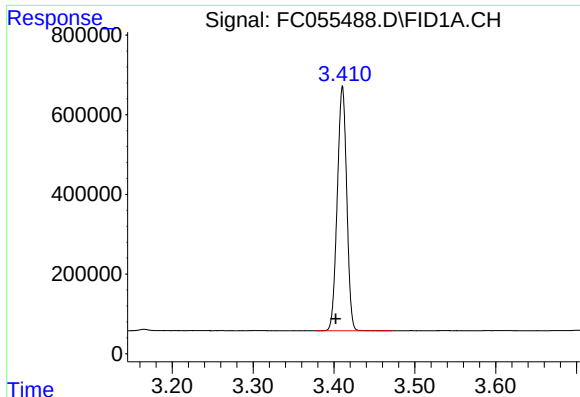
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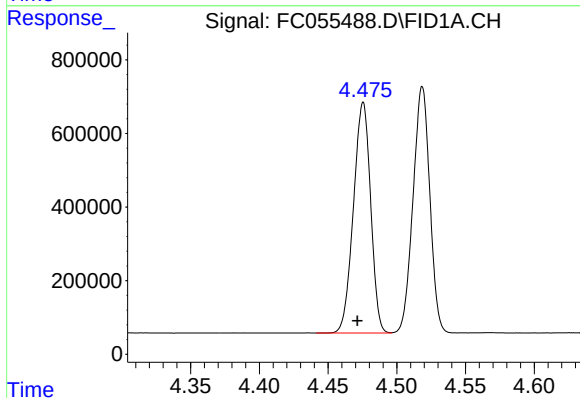
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: 0.008 min
Response: 4979129
Conc: 46.06 ug/ml

Instrument :
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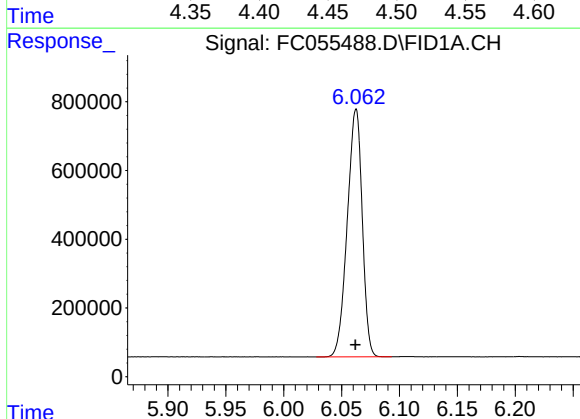
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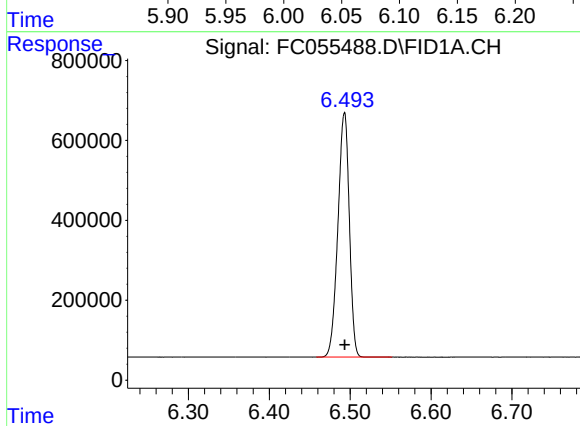
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.004 min
Response: 5456489
Conc: 50.04 ug/ml



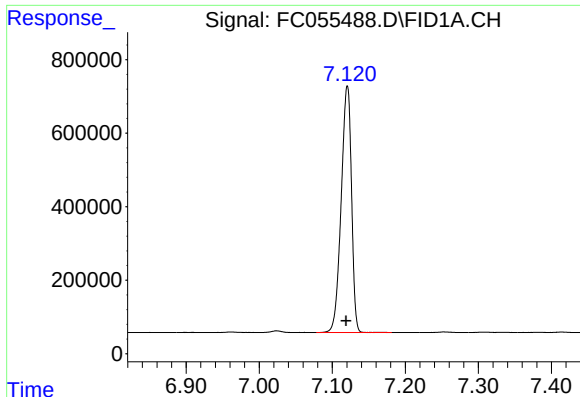
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 6489106
Conc: 52.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 6001682
Conc: 54.81 ug/ml



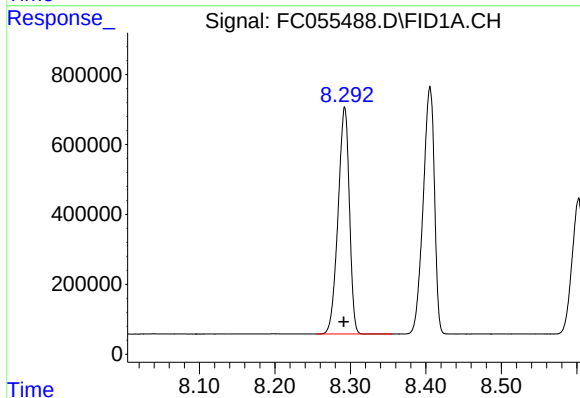
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: 0.001 min
Response: 6594672
Conc: 52.99 ug/ml

Instrument :
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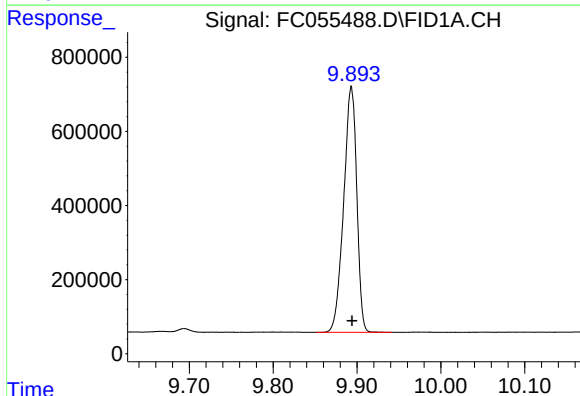
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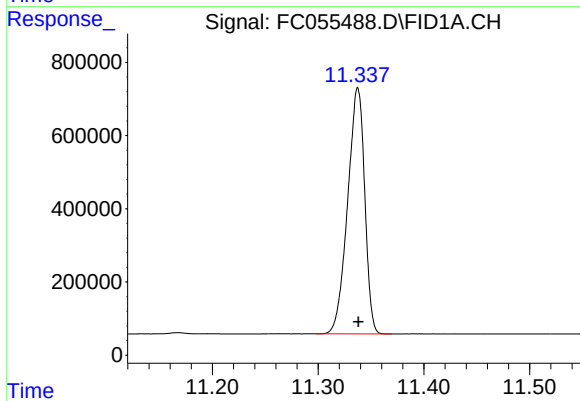
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 6758860
Conc: 60.68 ug/ml



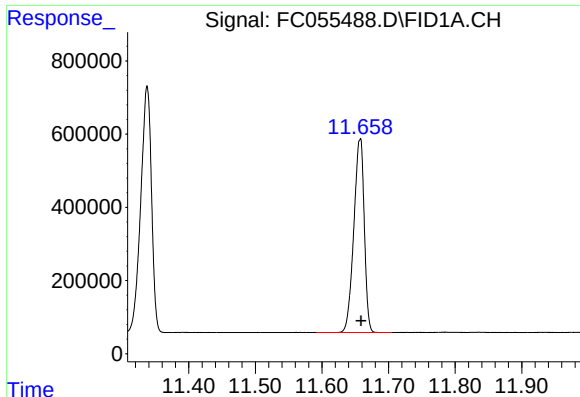
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.001 min
Response: 7196018
Conc: 63.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 7540016
Conc: 64.76 ug/ml



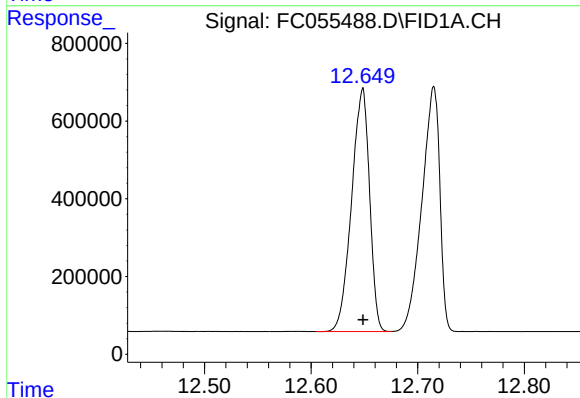
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.002 min
Response: 5779613
Conc: 46.26 ug/ml

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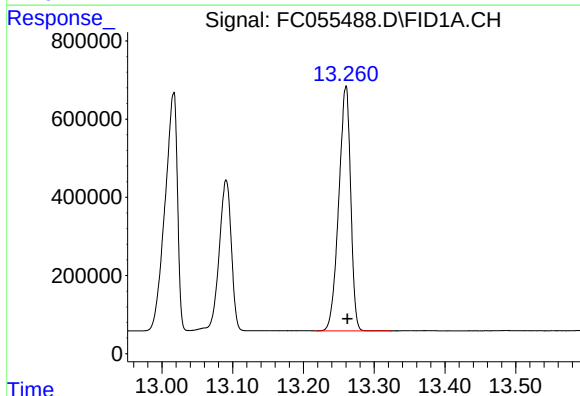
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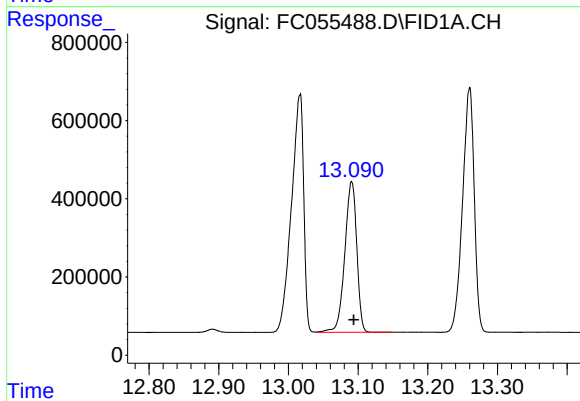
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: -0.001 min
Response: 7335909
Conc: 62.78 ug/ml



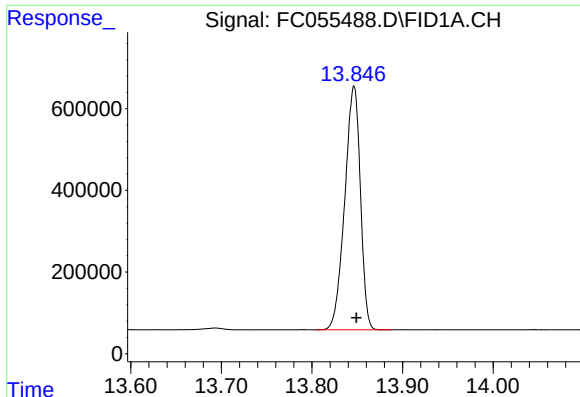
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: -0.002 min
Response: 7300955
Conc: 62.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min
Delta R.T.: -0.003 min
Response: 4604159
Conc: 46.52 ug/ml



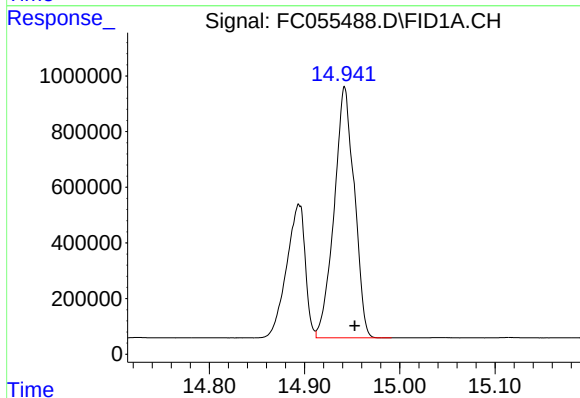
#13 n-Docosane (C22)

R.T.: 13.846 min
Delta R.T.: -0.003 min
Response: 7170175
Conc: 61.47 ug/ml

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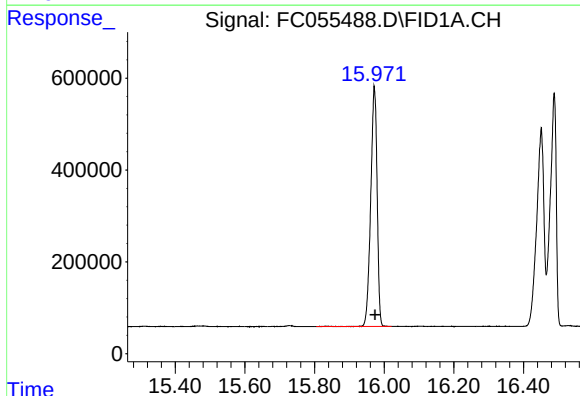
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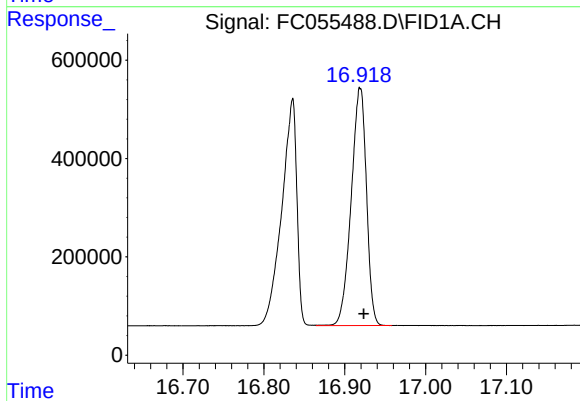
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: -0.011 min
Response: 13269485
Conc: 113.94 ug/ml



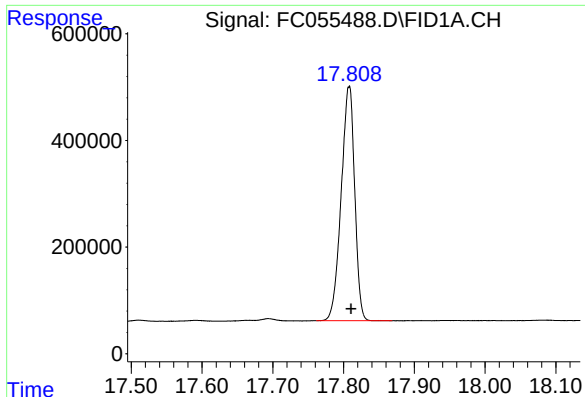
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: -0.002 min
Response: 6641785
Conc: 58.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.919 min
Delta R.T.: -0.005 min
Response: 6343299
Conc: 57.32 ug/ml



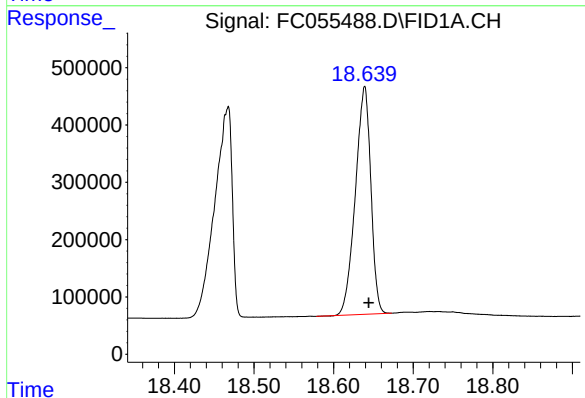
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: -0.003 min
Response: 5834990
Conc: 54.87 ug/ml

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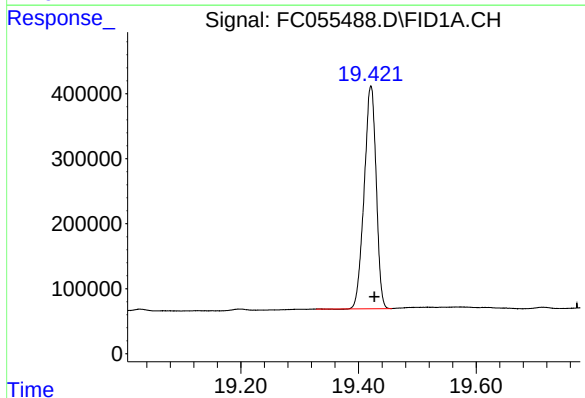
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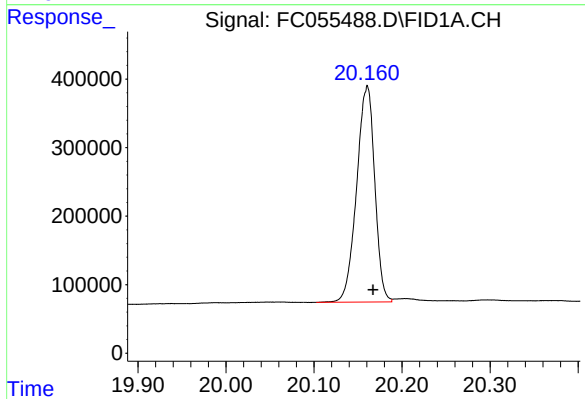
#18 n-Dotriacontane (C32)

R.T.: 18.639 min
Delta R.T.: -0.005 min
Response: 5370046
Conc: 53.58 ug/ml



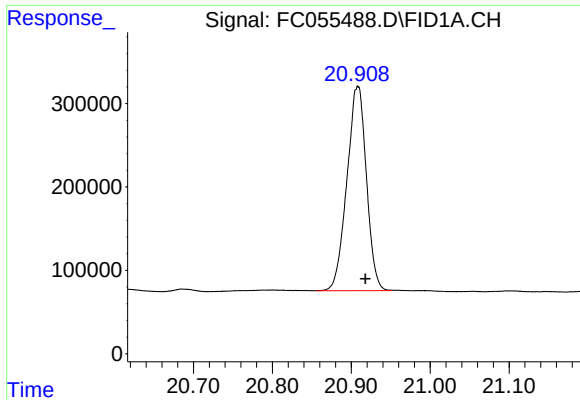
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min
Delta R.T.: -0.006 min
Response: 4851682
Conc: 51.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.160 min
Delta R.T.: -0.007 min
Response: 4509065
Conc: 51.93 ug/ml m



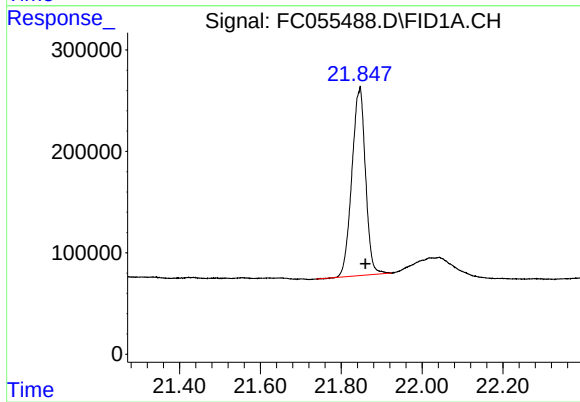
#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: -0.011 min
Response: 4211563
Conc: 51.67 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.845 min
Delta R.T.: -0.014 min
Response: 4318446
Conc: 53.77 ug/ml