

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083121AL\
 Data File : FC055480.D
 Signal(s) : FID1A.CH
 Acq On : 01 Sep 2021 2:35
 Operator : AJ\MA
 Sample : M3602-08MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1HMS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Sep 01 04:20:29 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)	11.664	4312091	34.517 ug/ml
Spiked Amount 50.000		Recovery =	69.03%
12) S 1-chlorooctadecane (S...	13.098	3377305	34.126 ug/ml
Spiked Amount 50.000		Recovery =	68.25%
Target Compounds			
1) T n-Nonane (C9)	3.404	4263099	39.439 ug/ml
2) T n-Decane (C10)	4.474	5051136	46.324 ug/ml
3) T A~Naphthalene (C11.7)	6.063	6094655	49.461 ug/ml
4) T n-Dodecane (C12)	6.496	5698331	52.042 ug/ml
5) T A~2-methylnaphthalene...	7.123	6171697	49.593 ug/ml
6) T n-Tetradecane (C14)	8.298	6280053	56.386 ug/ml
7) T n-Hexadecane (C16)	9.900	6794354	60.119 ug/ml
8) T n-Octadecane (C18)	11.345	7212126	61.945 ug/ml
10) T n-Eicosane (C20)	12.656	7032365	60.184 ug/ml
11) T n-Heneicosane (C21)	13.268	6989590	59.387 ug/ml
13) T n-Docosane (C22)	13.856	6856987	58.782 ug/ml
14) T n-Tetracosane (C24)	14.957	3731277	32.040 ug/mlm
15) T n-Hexacosane (C26)	15.983	6363859	56.176 ug/ml
16) T n-Octacosane (C28)	16.930	6090350	55.039 ug/ml
17) T n-Tricontane (C30)	17.820	5638590	53.027 ug/ml
18) T n-Dotriacontane (C32)	18.651	5296077	52.845 ug/ml
19) T n-Tetratriacontane (C34)	19.433	4753870	50.370 ug/ml
20) T n-Hexatriacontane (C36)	20.172	4335089	49.929 ug/ml
21) T n-Octatriacontane (C38)	20.925	4103389	50.343 ug/ml
22) T n-Tetracontane (C40)	21.868	4203352	52.336 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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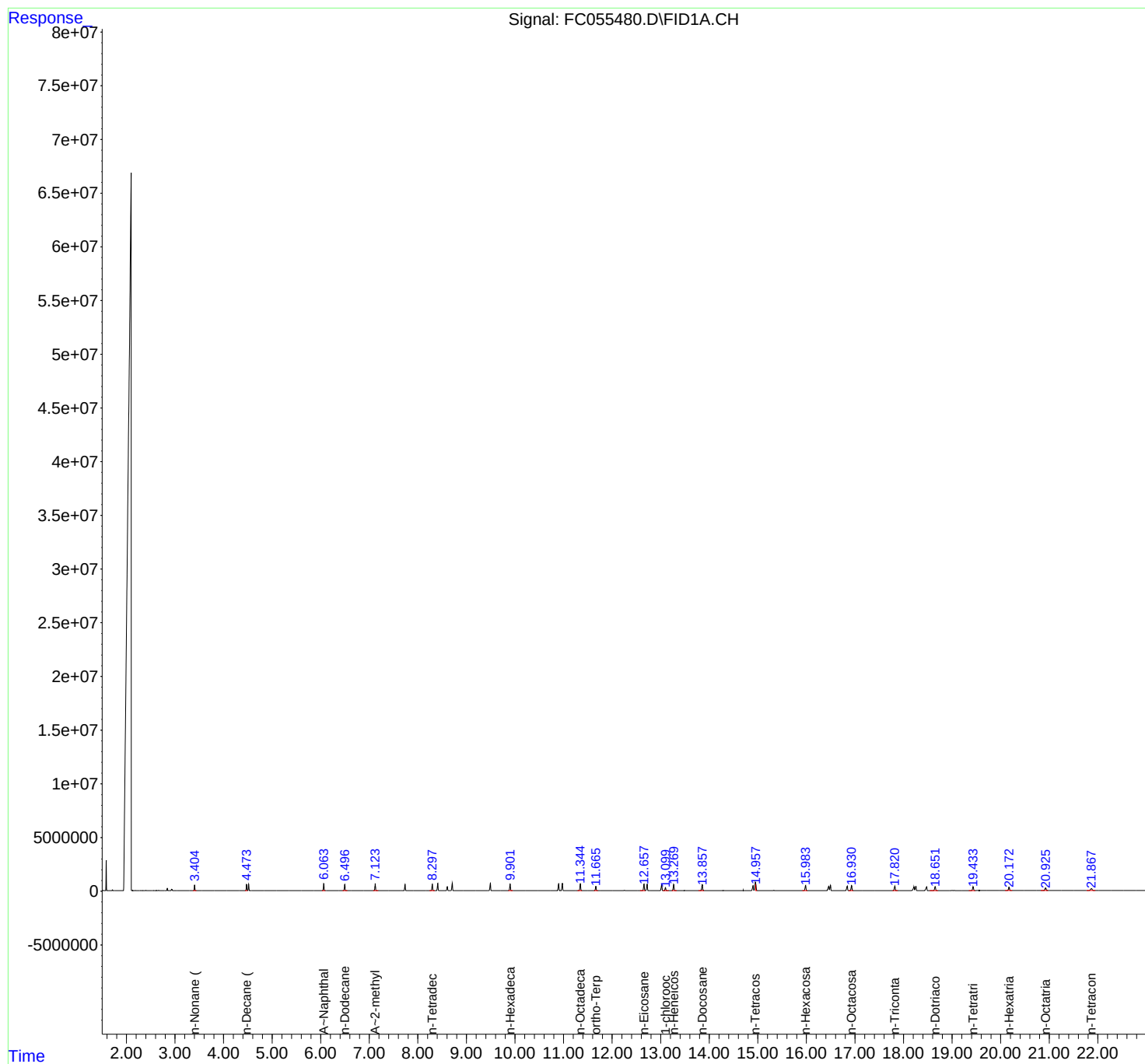
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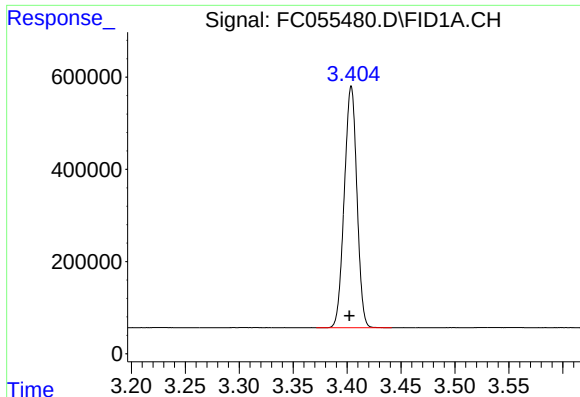
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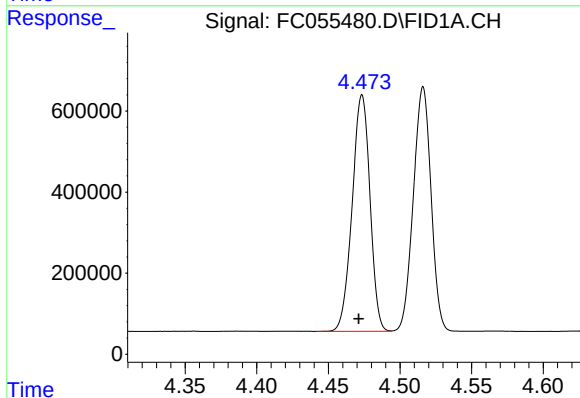
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: 0.002 min
Response: 4263099
Conc: 39.44 ug/ml

Instrument :
FID_C
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TP-1HMS

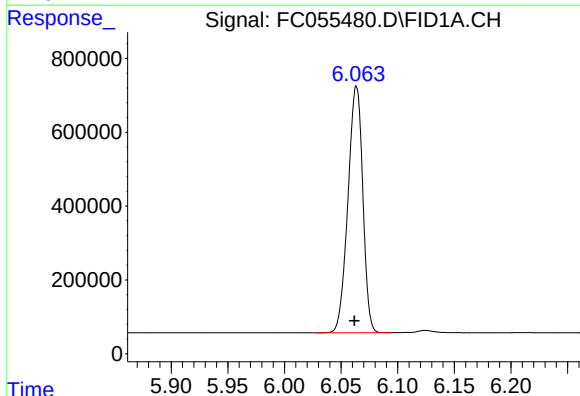
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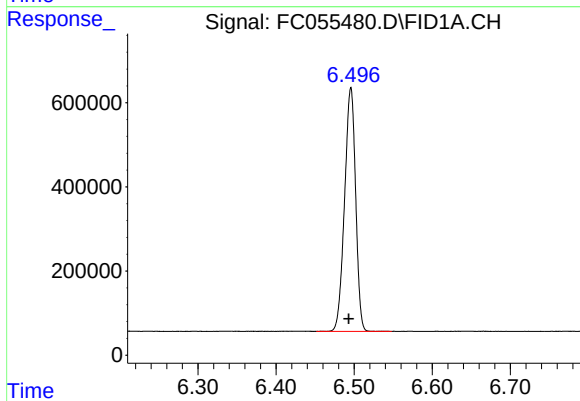
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.002 min
Response: 5051136
Conc: 46.32 ug/ml



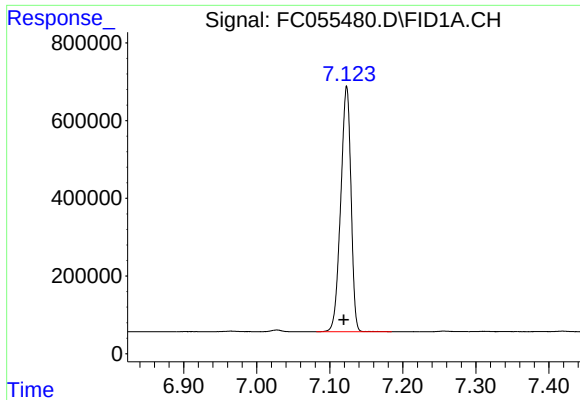
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.001 min
Response: 6094655
Conc: 49.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: 0.002 min
Response: 5698331
Conc: 52.04 ug/ml



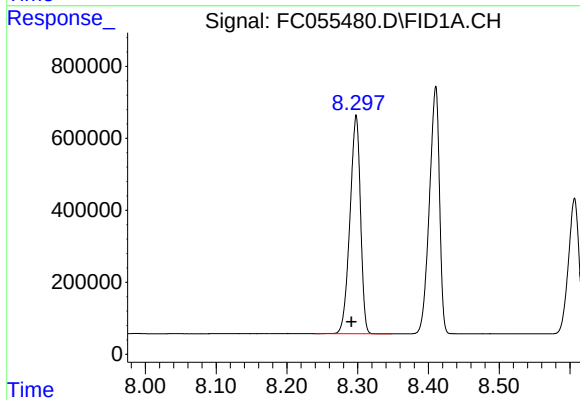
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: 0.004 min
Response: 6171697
Conc: 49.59 ug/ml

Instrument :
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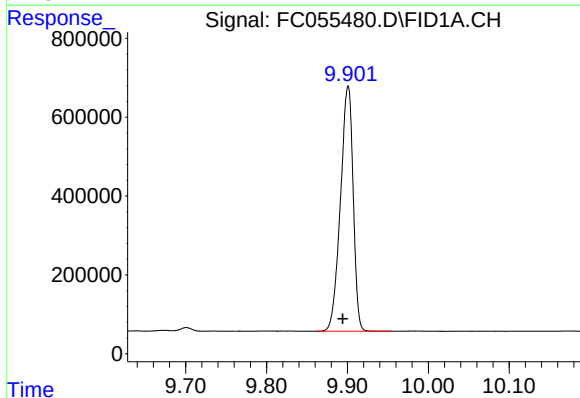
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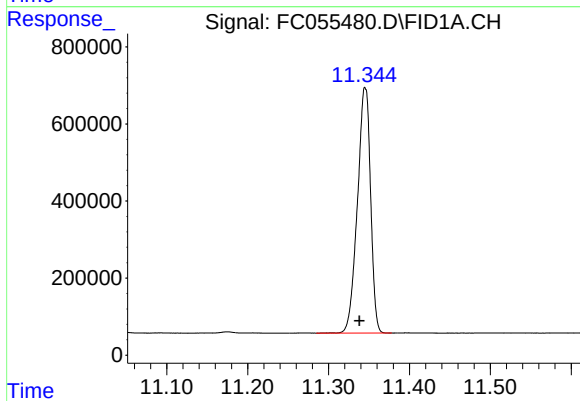
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.006 min
Response: 6280053
Conc: 56.39 ug/ml



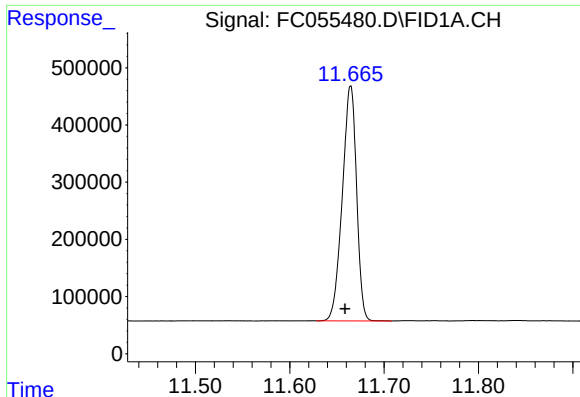
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.006 min
Response: 6794354
Conc: 60.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: 0.007 min
Response: 7212126
Conc: 61.95 ug/ml



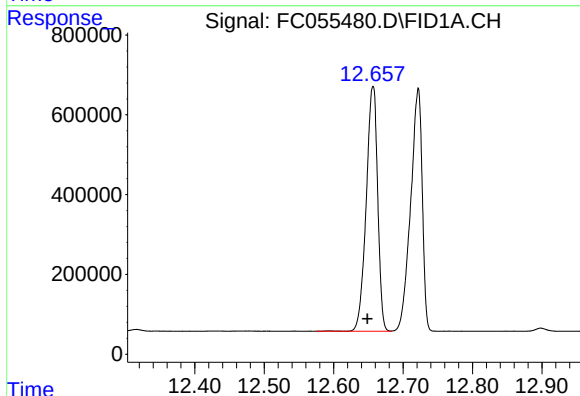
#9 ortho-Terphenyl (SURR)

R.T.: 11.664 min
Delta R.T.: 0.006 min
Response: 4312091
Conc: 34.52 ug/ml

Instrument :
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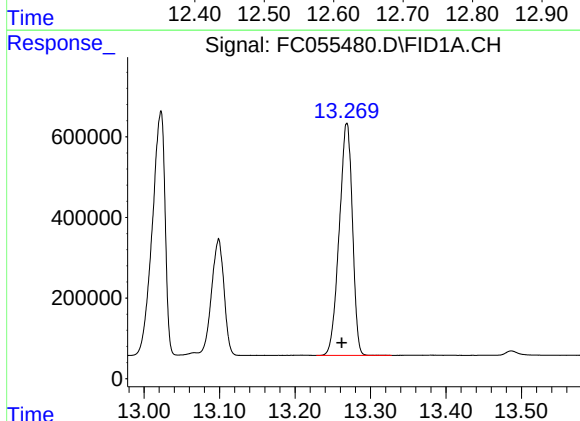
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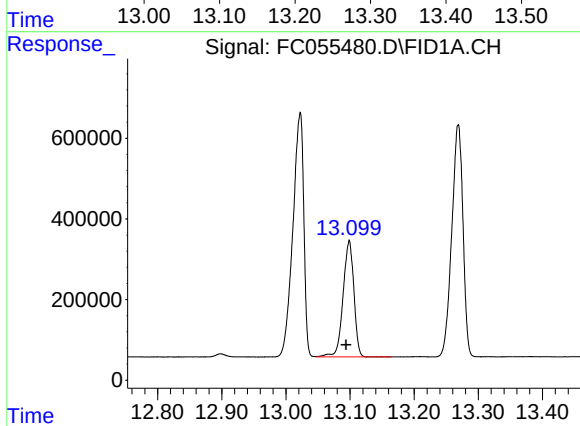
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.008 min
Response: 7032365
Conc: 60.18 ug/ml



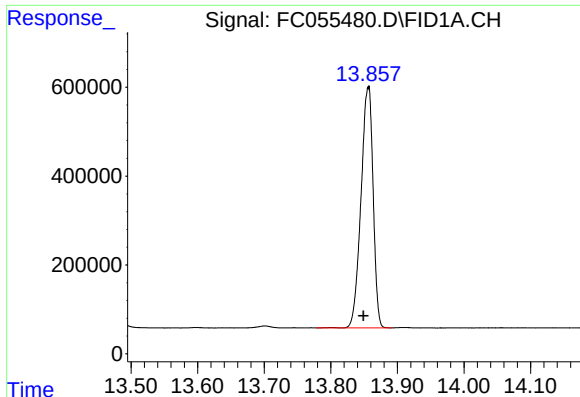
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.007 min
Response: 6989590
Conc: 59.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min
Delta R.T.: 0.004 min
Response: 3377305
Conc: 34.13 ug/ml



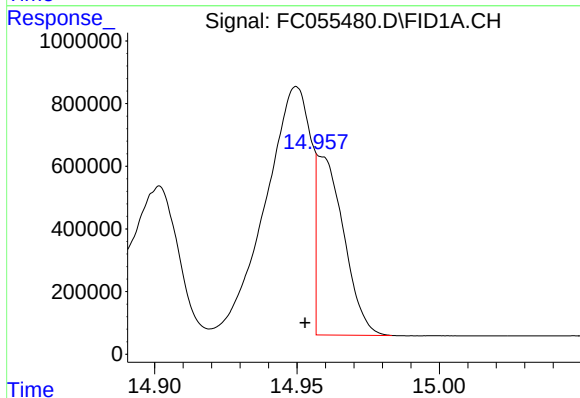
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: 0.007 min
Response: 6856987
Conc: 58.78 ug/ml

Instrument :
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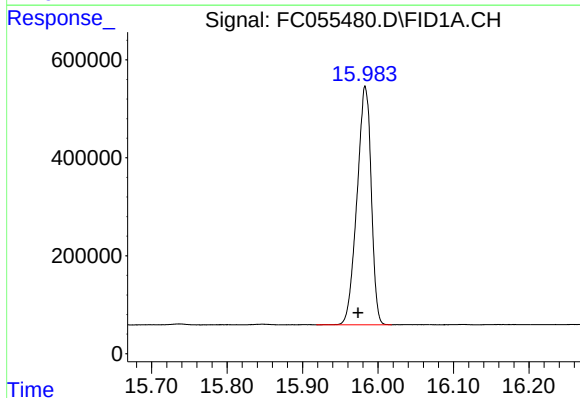
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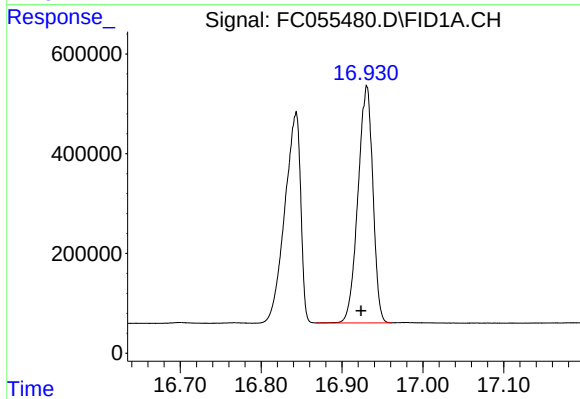
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.004 min
Response: 3731277
Conc: 32.04 ug/ml m



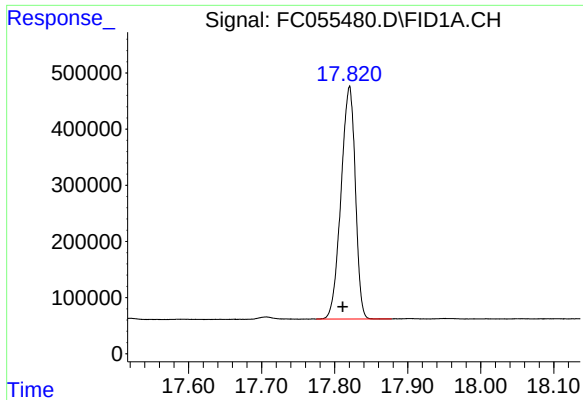
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.010 min
Response: 6363859
Conc: 56.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: 0.007 min
Response: 6090350
Conc: 55.04 ug/ml



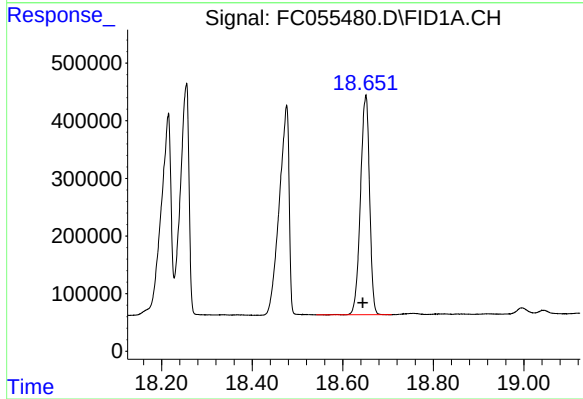
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: 0.009 min
Response: 5638590
Conc: 53.03 ug/ml

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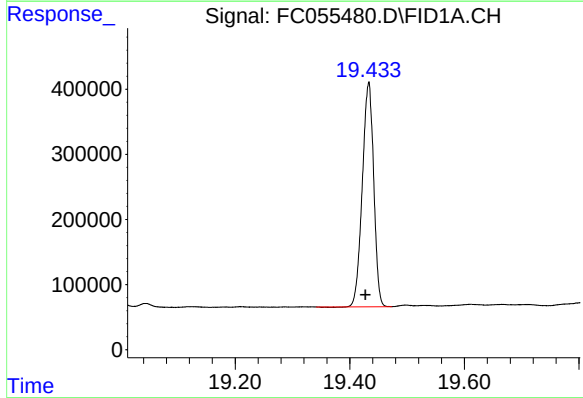
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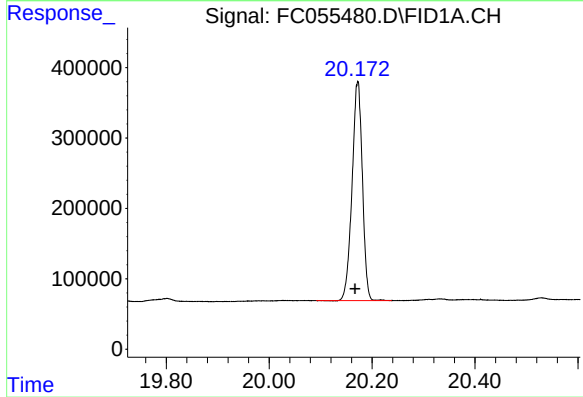
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.007 min
Response: 5296077
Conc: 52.84 ug/ml



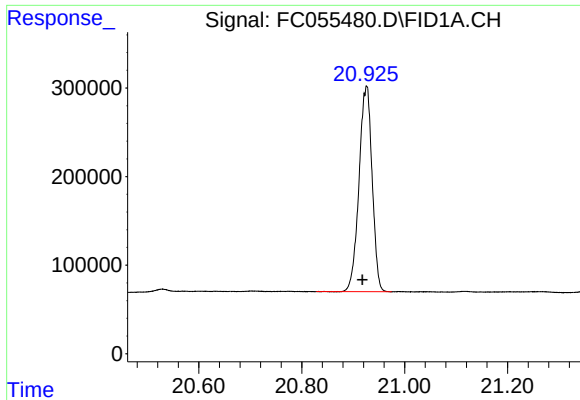
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: 0.005 min
Response: 4753870
Conc: 50.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: 0.005 min
Response: 4335089
Conc: 49.93 ug/ml



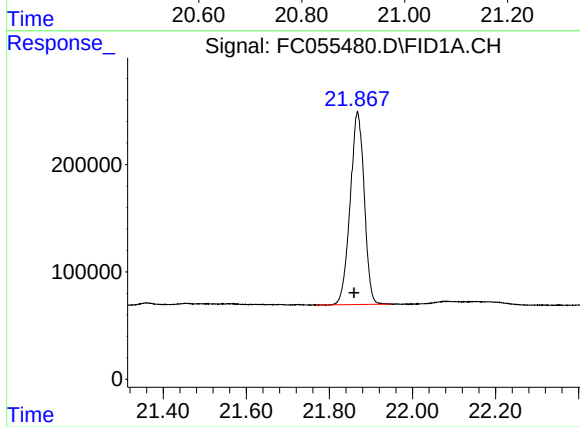
#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: 0.007 min
Response: 4103389
Conc: 50.34 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: 0.008 min
Response: 4203352
Conc: 52.34 ug/ml