

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081321AL\
 Data File : FC055186.D
 Signal(s) : FID1A.CH
 Acq On : 13 Aug 2021 22:31
 Operator : AJ\MA
 Sample : M3407-26MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 29NMS

Manual Integrations
 APPROVED

mohammad
 8/17/2021 11:44:54 AM

Integration File: autoint1.e
 Quant Time: Aug 14 04:10:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.308	4286829	34.050 ug/ml
Spiked Amount 50.000		Recovery =	68.10%
12) S 1-chlorooctadecane (S...	12.748	3741984	37.757 ug/ml
Spiked Amount 50.000		Recovery =	75.51%
Target Compounds			
1) T n-Nonane (C9)	3.144	3598978	34.418 ug/ml
2) T n-Decane (C10)	4.194	4240390	40.267 ug/ml
3) T A~Naphthalene (C11.7)	5.757	4812756	44.293 ug/ml
4) T n-Dodecane (C12)	6.194	4839141	44.563 ug/ml
5) T A~2-methylnaphthalene...	6.807	4907225	44.963 ug/ml
6) T n-Tetradecane (C14)	7.981	5391214	48.293 ug/ml
7) T n-Hexadecane (C16)	9.571	5591313	49.024 ug/ml
8) T n-Octadecane (C18)	11.006	5940565	50.377 ug/ml
10) T n-Eicosane (C20)	12.309	5664605	48.249 ug/ml
11) T n-Heneicosane (C21)	12.917	5631977	47.698 ug/ml
13) T n-Docosane (C22)	13.501	5433421	46.520 ug/mlm
14) T n-Tetracosane (C24)	14.600	4185108	36.157 ug/mlm
15) T n-Hexacosane (C26)	15.619	5006084	44.669 ug/ml
16) T n-Octacosane (C28)	16.563	5075320	46.746 ug/ml
17) T n-Tricontane (C30)	17.450	4723679	45.241 ug/ml
18) T n-Dotriacontane (C32)	18.278	4599499	46.444 ug/ml
19) T n-Tetratriacontane (C34)	19.059	4287771	45.240 ug/ml
20) T n-Hexatriacontane (C36)	19.795	4016642	44.449 ug/mlm
21) T n-Octatriacontane (C38)	20.497	3858118	44.652 ug/ml
22) T n-Tetracontane (C40)	21.304	3945912	44.309 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

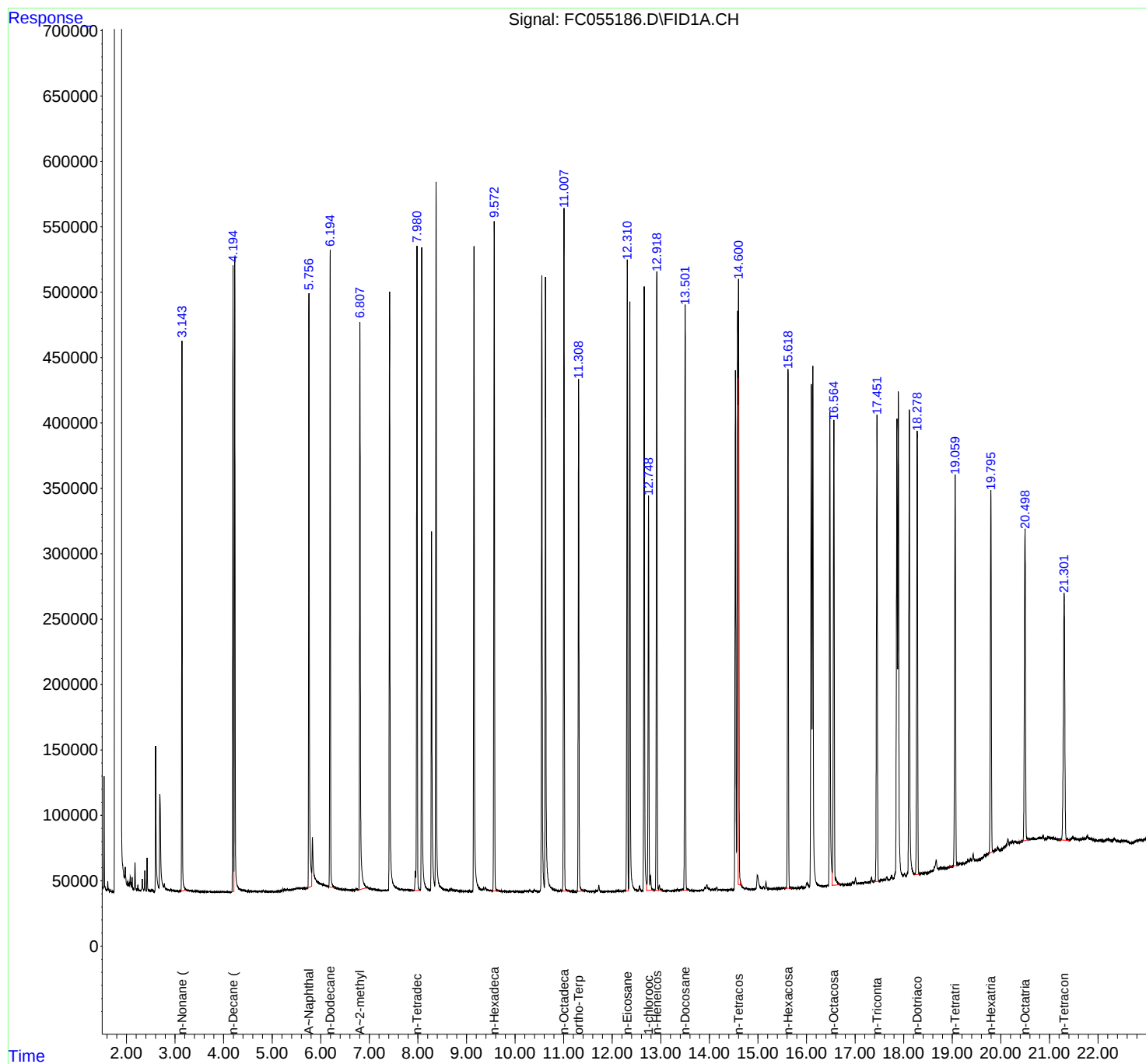
Instrument :
FID_C
ClientSampled :
29NMS

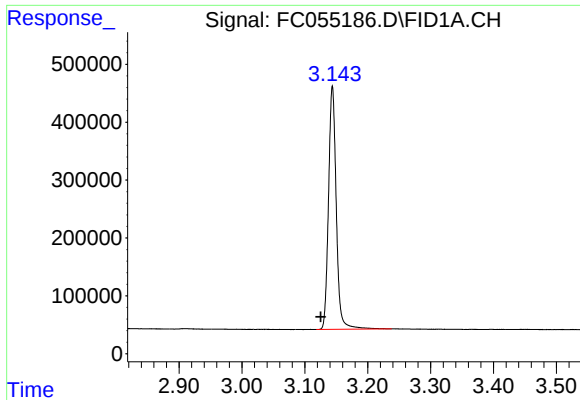
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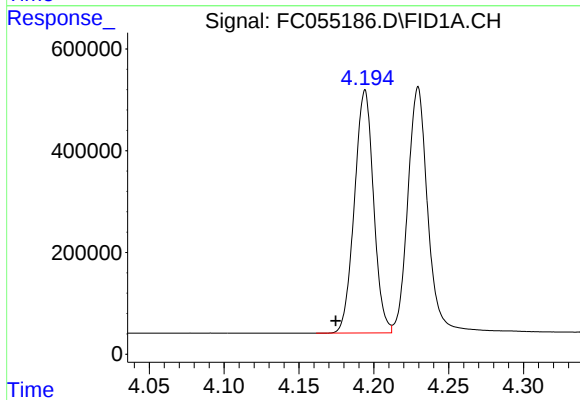
#1 n-Nonane (C9)

R.T.: 3.144 min
Delta R.T.: 0.019 min
Response: 3598978
Conc: 34.42 ug/ml

Instrument :
FID_C
ClientSampleId :
29NMS

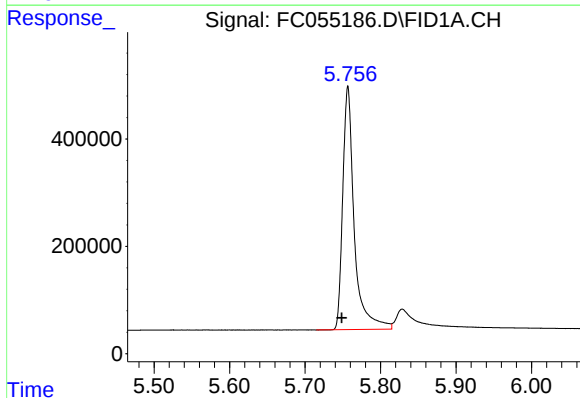
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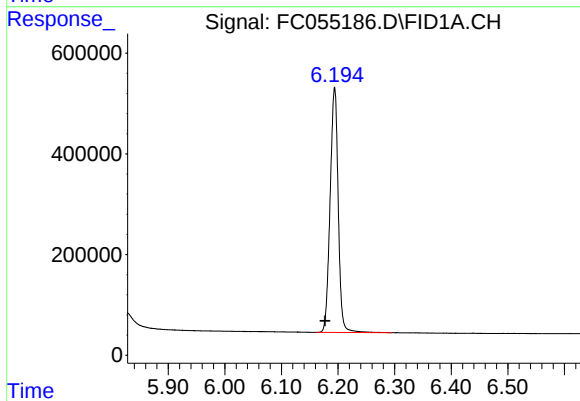
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.019 min
Response: 4240390
Conc: 40.27 ug/ml



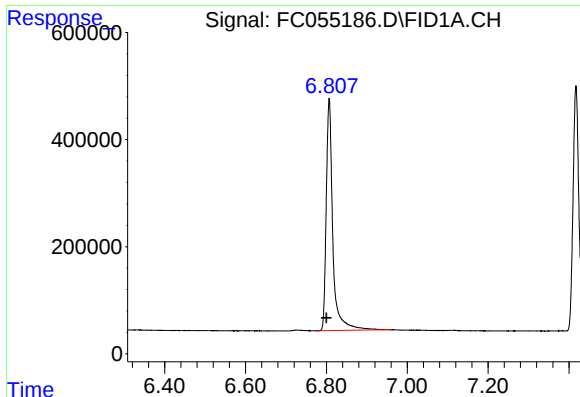
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 4812756
Conc: 44.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.194 min
Delta R.T.: 0.017 min
Response: 4839141
Conc: 44.56 ug/ml



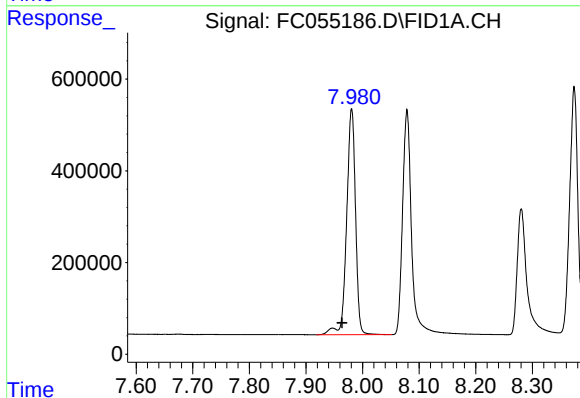
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: 0.006 min
Response: 4907225
Conc: 44.96 ug/ml

Instrument :
FID_C
ClientSampleId :
29NMS

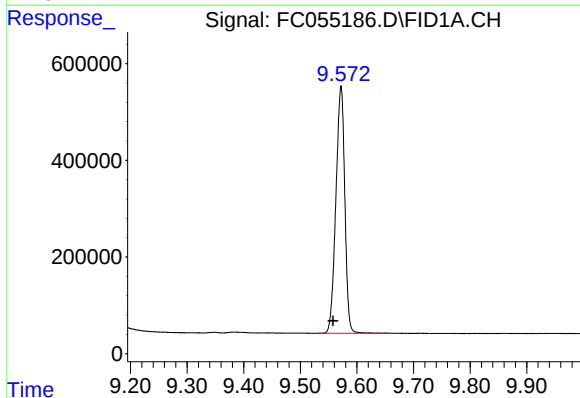
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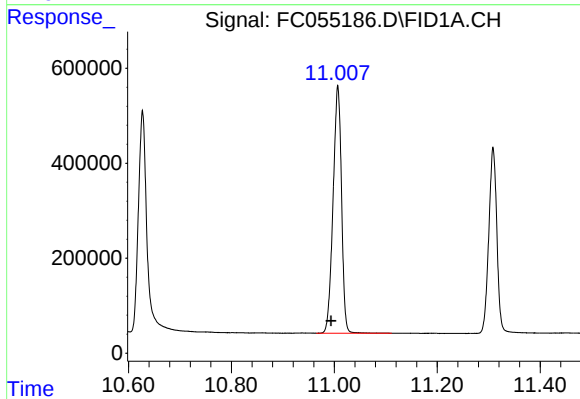
#6 n-Tetradecane (C14)

R.T.: 7.981 min
Delta R.T.: 0.017 min
Response: 5391214
Conc: 48.29 ug/ml



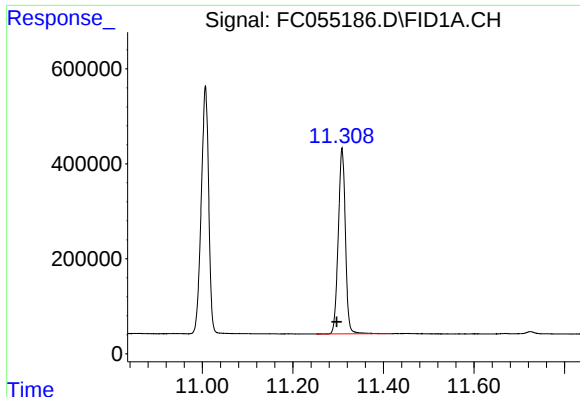
#7 n-Hexadecane (C16)

R.T.: 9.571 min
Delta R.T.: 0.013 min
Response: 5591313
Conc: 49.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.006 min
Delta R.T.: 0.013 min
Response: 5940565
Conc: 50.38 ug/ml



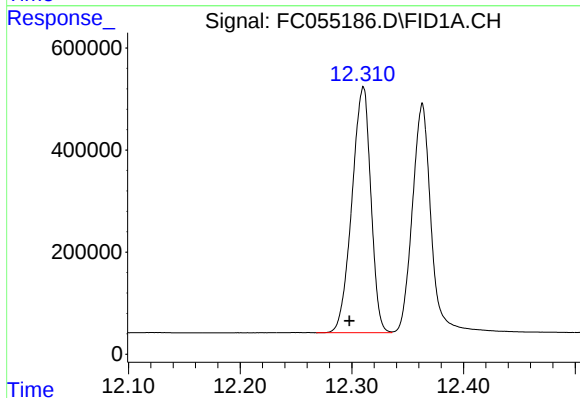
#9 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.012 min
Response: 4286829
Conc: 34.05 ug/ml

Instrument :
FID_C
ClientSampleId :
29NMS

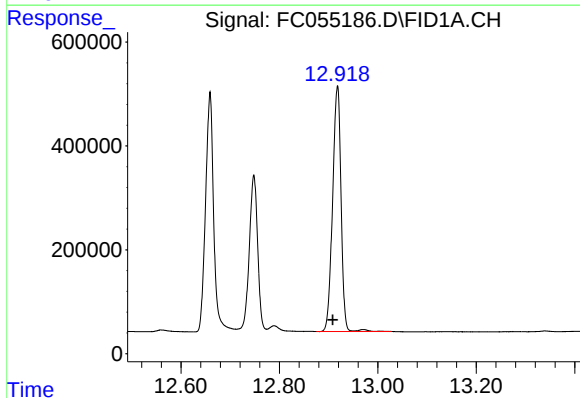
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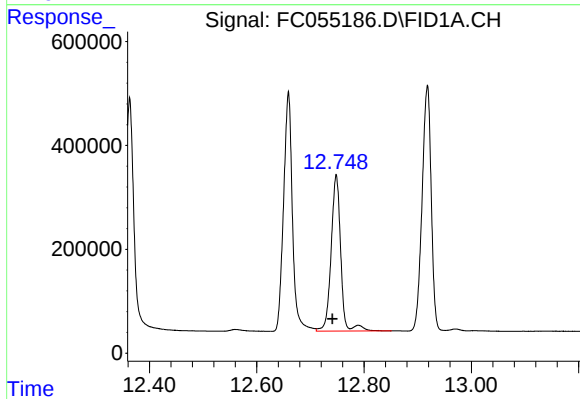
#10 n-Eicosane (C20)

R.T.: 12.309 min
Delta R.T.: 0.011 min
Response: 5664605
Conc: 48.25 ug/ml



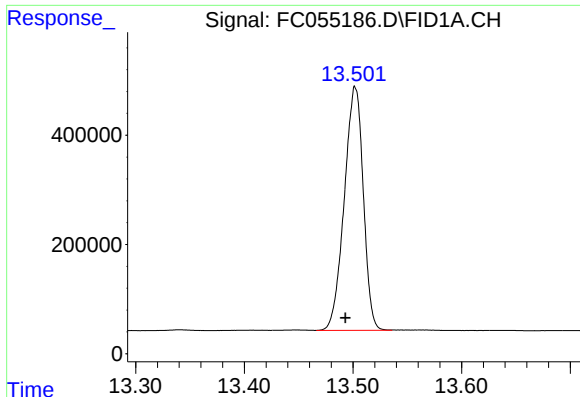
#11 n-Heneicosane (C21)

R.T.: 12.917 min
Delta R.T.: 0.009 min
Response: 5631977
Conc: 47.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.748 min
Delta R.T.: 0.007 min
Response: 3741984
Conc: 37.76 ug/ml



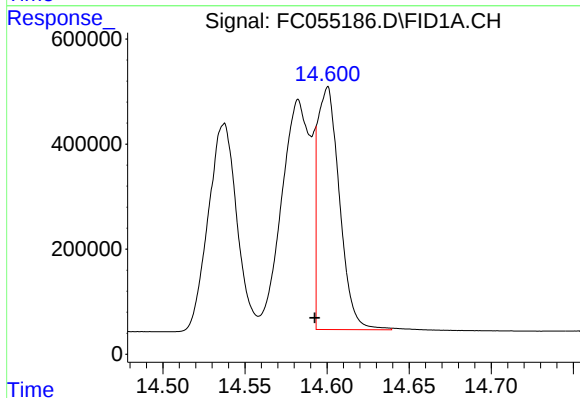
#13 n-Docosane (C22)

R.T.: 13.501 min
Delta R.T.: 0.008 min
Response: 5433421
Conc: 46.52 ug/ml m

Instrument :
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ClientSampleId :
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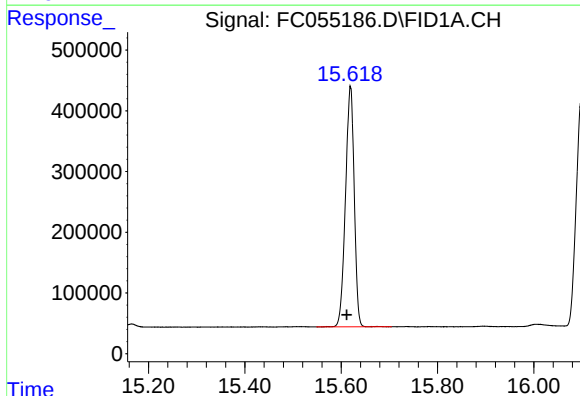
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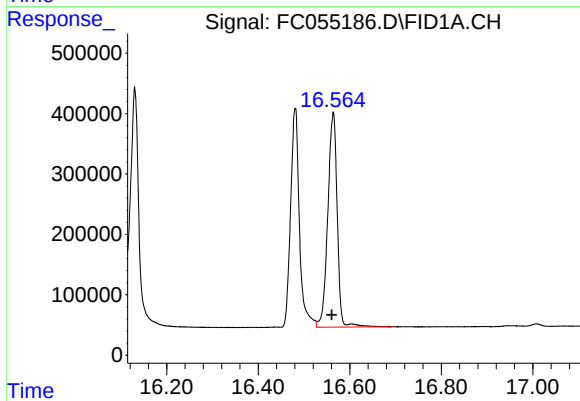
#14 n-Tetracosane (C24)

R.T.: 14.600 min
Delta R.T.: 0.008 min
Response: 4185108
Conc: 36.16 ug/ml m



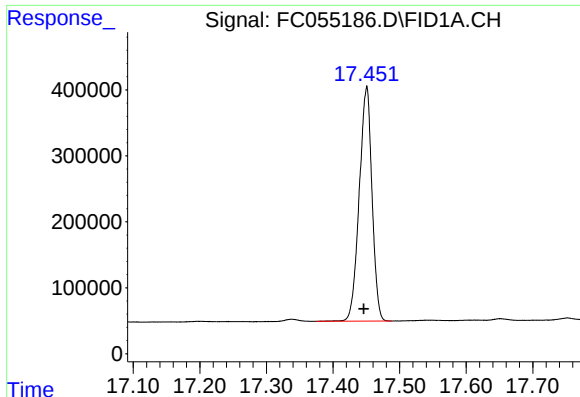
#15 n-Hexacosane (C26)

R.T.: 15.619 min
Delta R.T.: 0.007 min
Response: 5006084
Conc: 44.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.563 min
Delta R.T.: 0.002 min
Response: 5075320
Conc: 46.75 ug/ml



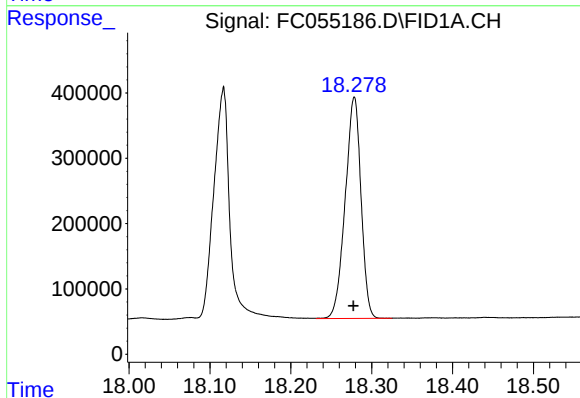
#17 n-Tricontane (C30)

R.T.: 17.450 min
Delta R.T.: 0.003 min
Response: 4723679
Conc: 45.24 ug/ml

Instrument :
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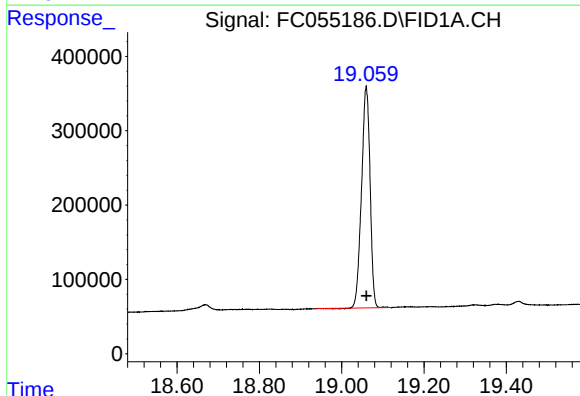
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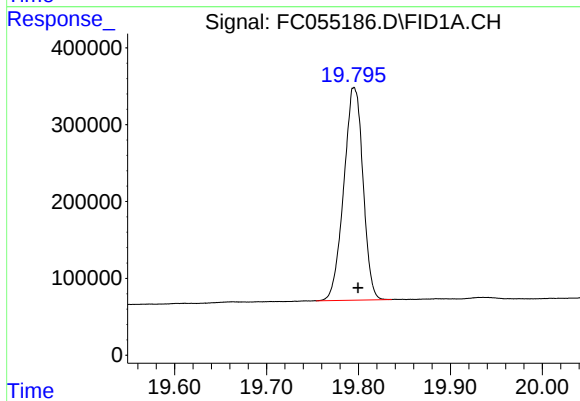
#18 n-Dotriacontane (C32)

R.T.: 18.278 min
Delta R.T.: 0.000 min
Response: 4599499
Conc: 46.44 ug/ml



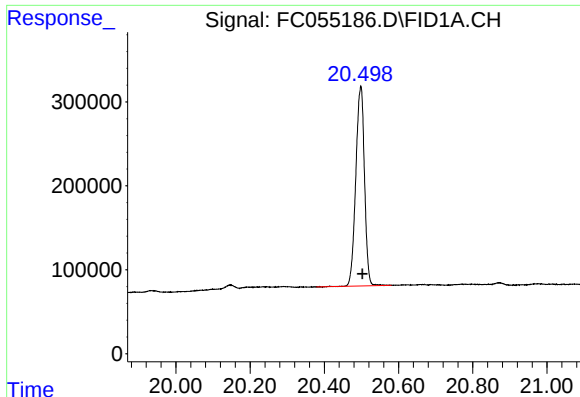
#19 n-Tetratriacontane (C34)

R.T.: 19.059 min
Delta R.T.: -0.001 min
Response: 4287771
Conc: 45.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.795 min
Delta R.T.: -0.004 min
Response: 4016642
Conc: 44.45 ug/ml m



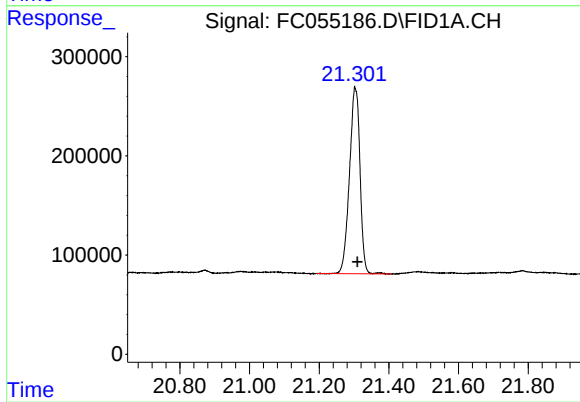
#21 n-Octatriacontane (C38)

R.T.: 20.497 min
Delta R.T.: -0.005 min
Response: 3858118
Conc: 44.65 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.304 min
Delta R.T.: -0.007 min
Response: 3945912
Conc: 44.31 ug/ml