

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092721AL\
 Data File : FC055863.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2021 7:20
 Operator : AJ\MA
 Sample : PB139401BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Sep 28 09:02:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.665	5417226	42.898 ug/ml
Spiked Amount 50.000		Recovery =	85.80%
12) S 1-chlorooctadecane (S...	13.096	4242052	42.932 ug/ml
Spiked Amount 50.000		Recovery =	85.86%
Target Compounds			
1) T n-Nonane (C9)	3.416	4436918	39.924 ug/ml
2) T n-Decane (C10)	4.482	5000518	44.643 ug/ml
3) T A~Naphthalene (C11.7)	6.075	5583790	44.479 ug/ml
4) T n-Dodecane (C12)	6.500	5586159	49.921 ug/ml
5) T A~2-methylnaphthalene...	7.134	5553050	43.920 ug/ml
6) T n-Tetradecane (C14)	8.298	5786991	51.124 ug/ml
7) T n-Hexadecane (C16)	9.898	5742738	50.264 ug/ml
8) T n-Octadecane (C18)	11.341	5787899	48.779 ug/ml
10) T n-Eicosane (C20)	12.651	5402398	45.768 ug/ml
11) T n-Heneicosane (C21)	13.262	5292471	44.360 ug/ml
13) T n-Docosane (C22)	13.848	5143530	43.415 ug/ml
14) T n-Tetracosane (C24)	14.953	9490700	80.207 ug/ml
15) T n-Hexacosane (C26)	15.973	4744523	41.639 ug/ml
16) T n-Octacosane (C28)	16.921	4701656	43.224 ug/ml
17) T n-Tricontane (C30)	17.808	4516535	44.648 ug/ml
18) T n-Dotriacontane (C32)	18.640	4369409	47.818 ug/ml
19) T n-Tetratriacontane (C34)	19.421	4069365	47.122 ug/ml
20) T n-Hexatriacontane (C36)	20.160	3832319	45.059 ug/ml
21) T n-Octatriacontane (C38)	20.909	3489803	45.845 ug/mlm
22) T n-Tetracontane (C40)	21.848	3592451	51.287 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 27 Sample Multiplier: 1

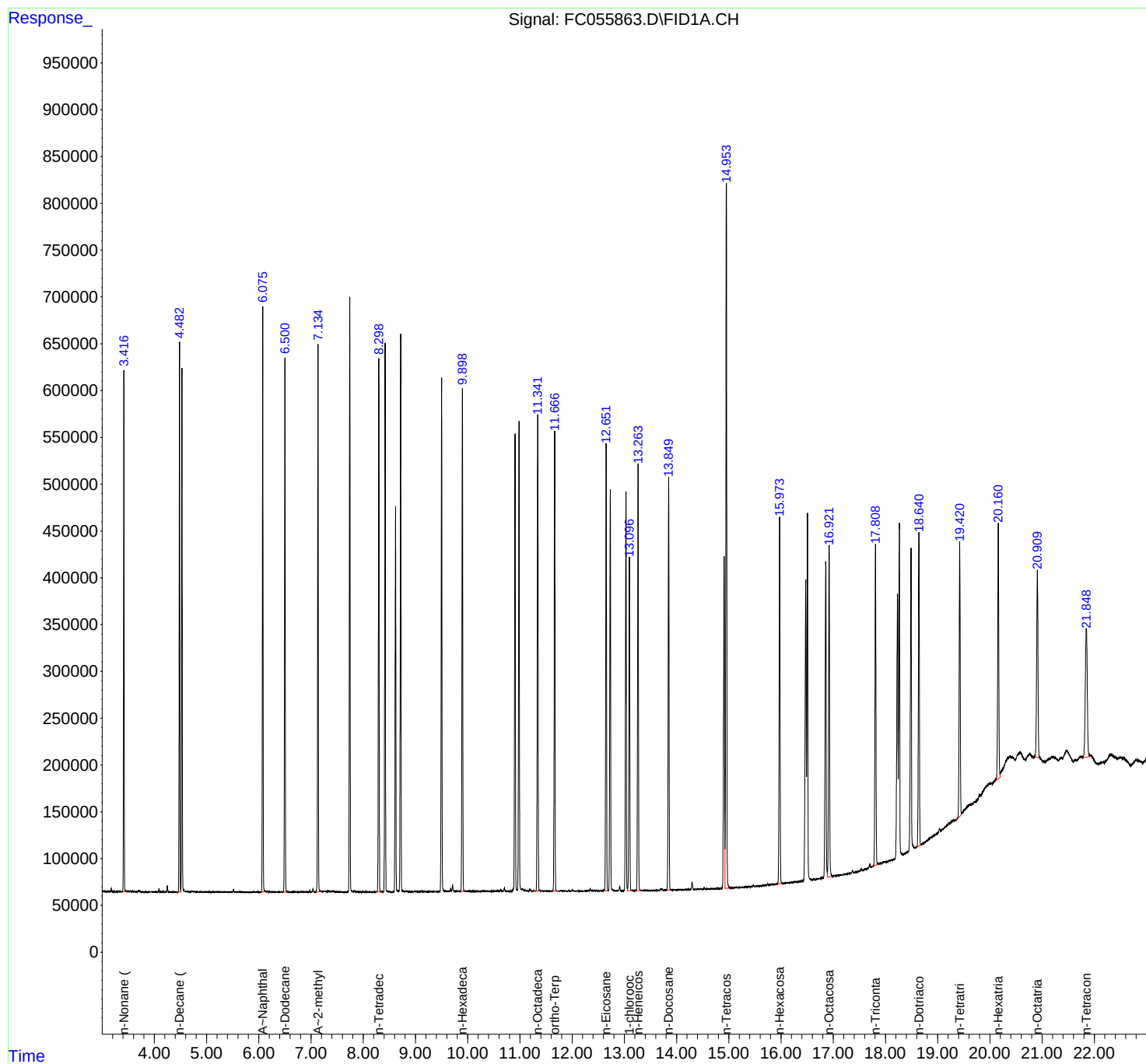
Instrument :
FID_C
ClientSampleId :

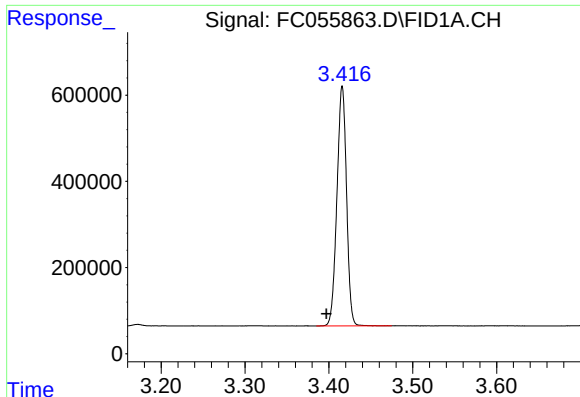
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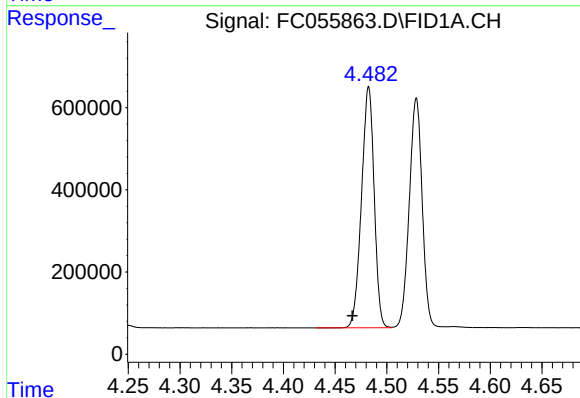
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.019 min
Response: 4436918
Conc: 39.92 ug/ml

Instrument :
FID_C
ClientSampleId :

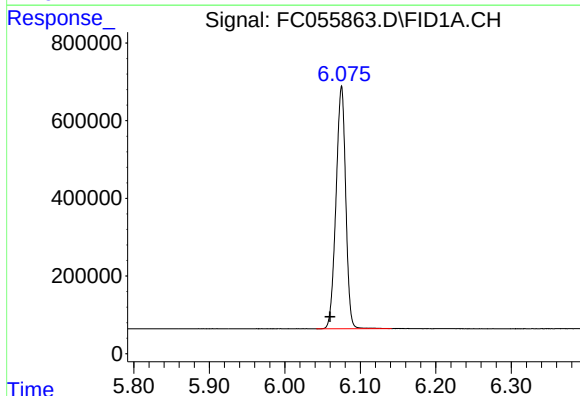
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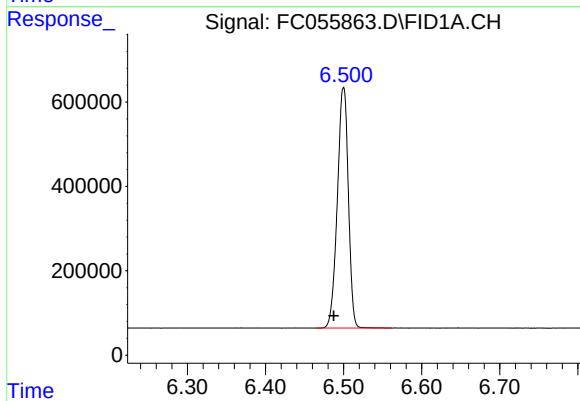
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.016 min
Response: 5000518
Conc: 44.64 ug/ml



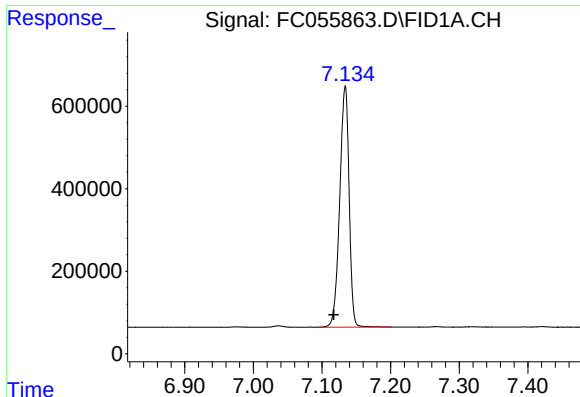
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.015 min
Response: 5583790
Conc: 44.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.500 min
Delta R.T.: 0.012 min
Response: 5586159
Conc: 49.92 ug/ml



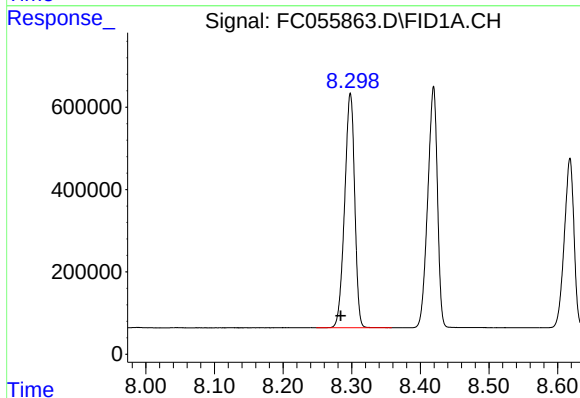
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: 0.016 min
Response: 5553050
Conc: 43.92 ug/ml

Instrument :
FID_C
ClientSampleId :

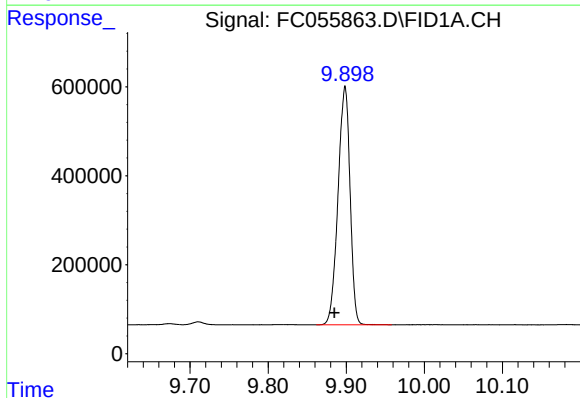
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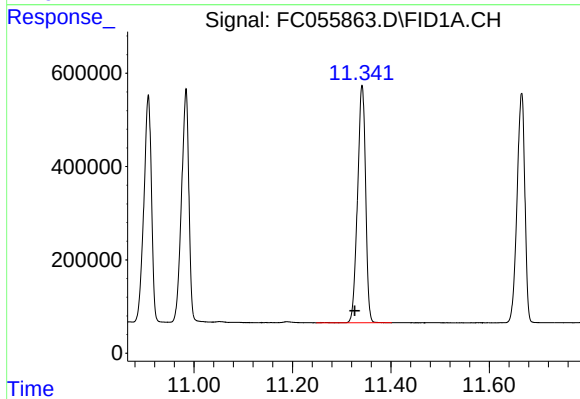
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.014 min
Response: 5786991
Conc: 51.12 ug/ml



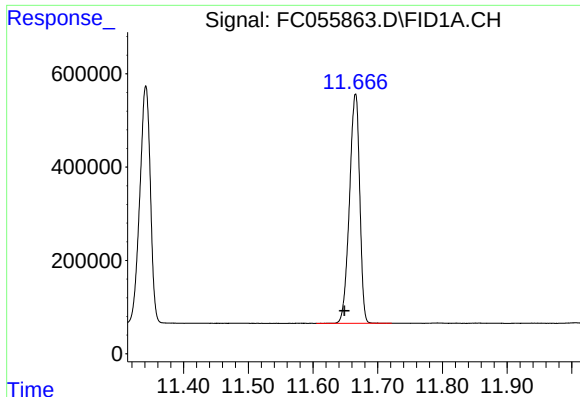
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: 0.013 min
Response: 5742738
Conc: 50.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: 0.014 min
Response: 5787899
Conc: 48.78 ug/ml



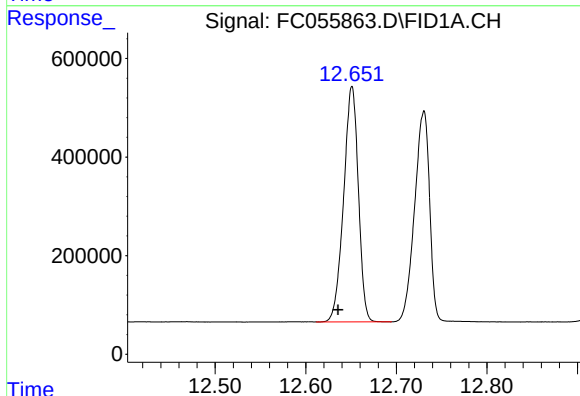
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: 0.017 min
Response: 5417226
Conc: 42.90 ug/ml

Instrument :
FID_C
ClientSampleId :

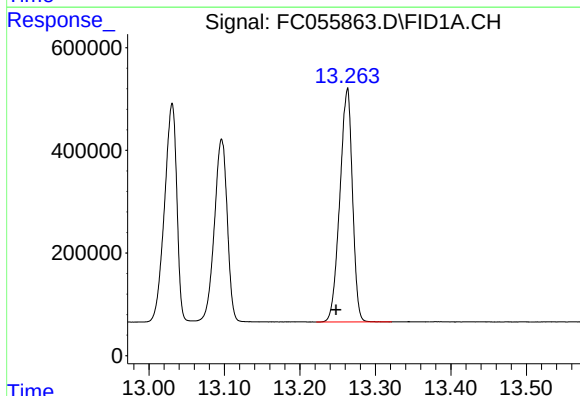
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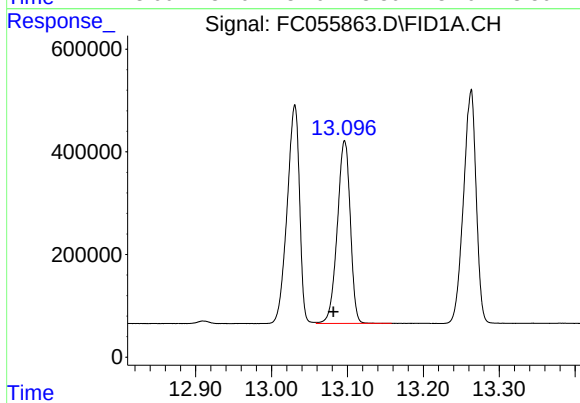
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: 0.015 min
Response: 5402398
Conc: 45.77 ug/ml



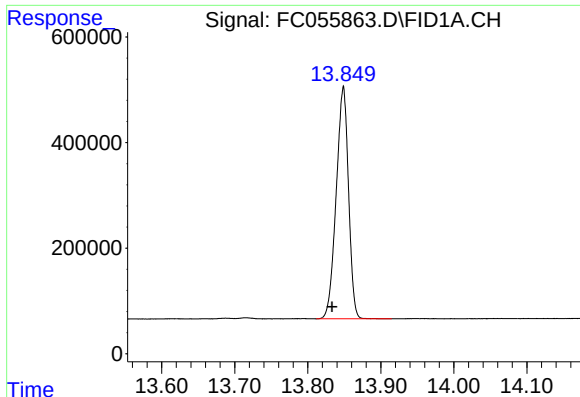
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.015 min
Response: 5292471
Conc: 44.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.096 min
Delta R.T.: 0.014 min
Response: 4242052
Conc: 42.93 ug/ml



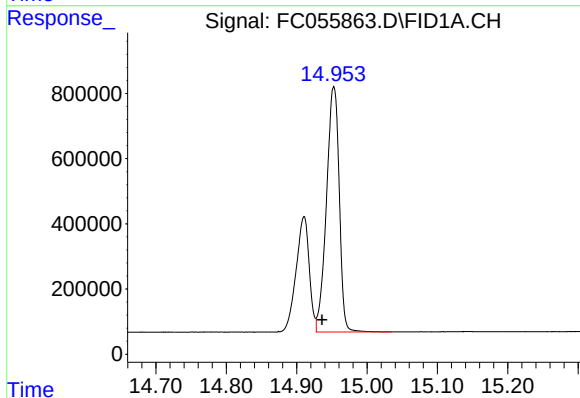
#13 n-Docosane (C22)

R.T.: 13.848 min
Delta R.T.: 0.015 min
Response: 5143530
Conc: 43.41 ug/ml

Instrument :
FID_C
ClientSampleId :

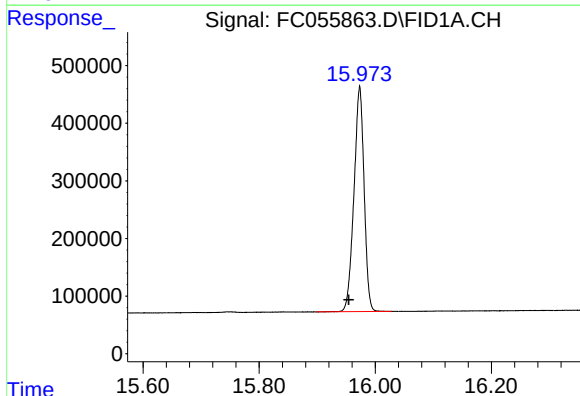
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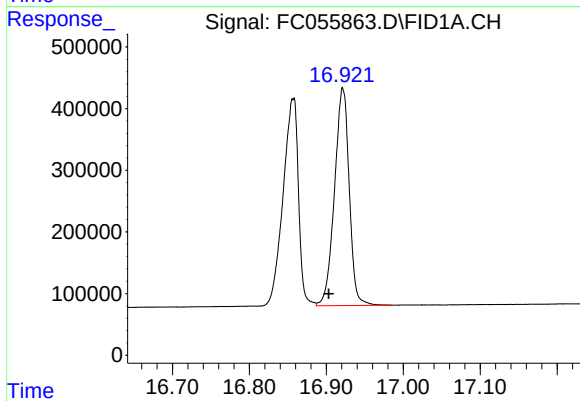
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.017 min
Response: 9490700
Conc: 80.21 ug/ml



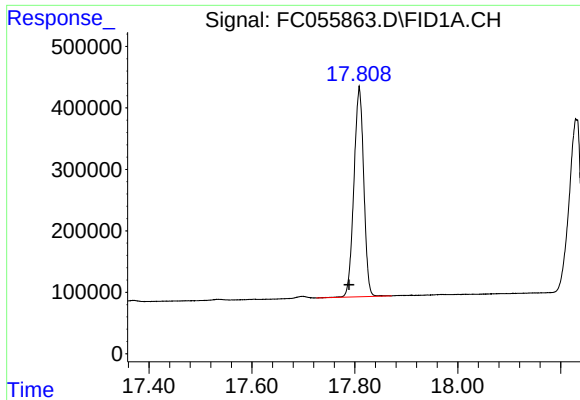
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: 0.019 min
Response: 4744523
Conc: 41.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.921 min
Delta R.T.: 0.018 min
Response: 4701656
Conc: 43.22 ug/ml



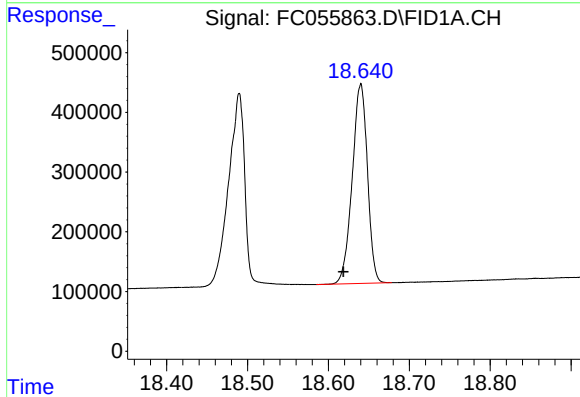
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: 0.020 min
Response: 4516535
Conc: 44.65 ug/ml

Instrument :
FID_C
ClientSampleId :

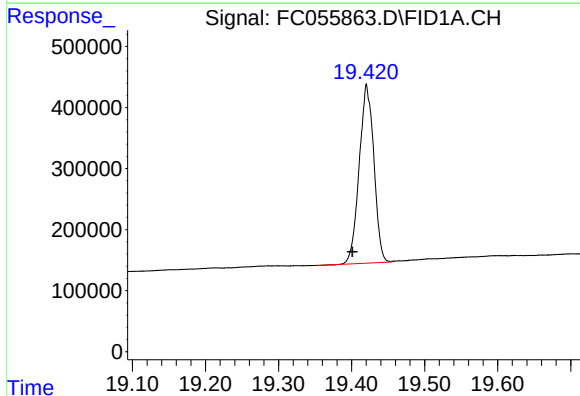
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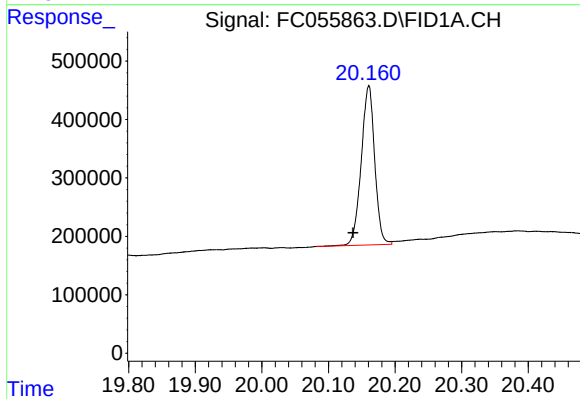
#18 n-Dotriacontane (C32)

R.T.: 18.640 min
Delta R.T.: 0.021 min
Response: 4369409
Conc: 47.82 ug/ml



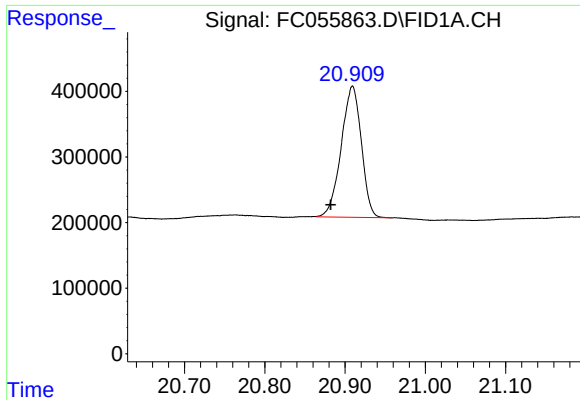
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min
Delta R.T.: 0.020 min
Response: 4069365
Conc: 47.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.160 min
Delta R.T.: 0.024 min
Response: 3832319
Conc: 45.06 ug/ml



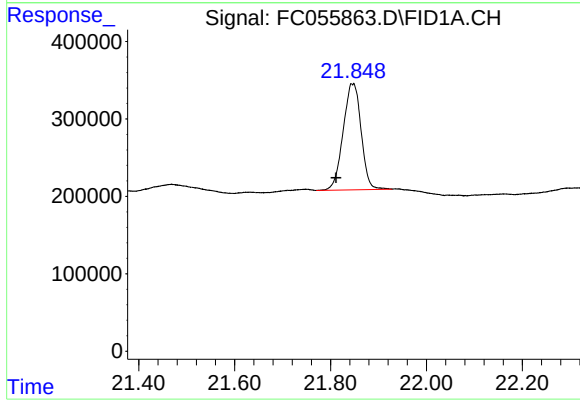
#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: 0.027 min
Response: 3489803
Conc: 45.85 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.848 min
Delta R.T.: 0.036 min
Response: 3592451
Conc: 51.29 ug/ml m