

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055140.D
 Signal(s) : FID1A.CH
 Acq On : 11 Aug 2021 23:04
 Operator : AJ\MA
 Sample : PB138325BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138325BSD

Manual Integrations
 APPROVED

mohammad
 8/12/2021 12:01:45 PM

Integration File: autoint1.e
 Quant Time: Aug 12 02:12:53 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)	11.311	5624348	44.673 ug/ml
Spiked Amount 50.000		Recovery =	89.35%
12) S 1-chlorooctadecane (S...	12.751	4601132	46.426 ug/ml
Spiked Amount 50.000		Recovery =	92.85%
Target Compounds			
1) T n-Nonane (C9)	3.176f	7382011	70.596 ug/ml
2) T n-Decane (C10)	4.211	7813543	74.198 ug/ml
3) T A~Naphthalene (C11.7)	5.763	8695488	80.026 ug/ml
4) T n-Dodecane (C12)	6.199	8186844	75.392 ug/ml
5) T A~2-methylnaphthalene...	6.811	8215996	75.280 ug/ml
6) T n-Tetradecane (C14)	7.984	8166030	73.148 ug/ml
7) T n-Hexadecane (C16)	9.574	8036087	70.459 ug/ml
8) T n-Octadecane (C18)	11.009	8070549	68.439 ug/ml
10) T n-Eicosane (C20)	12.313	7561342	64.405 ug/ml
11) T n-Heneicosane (C21)	12.922	7431261	62.936 ug/ml
13) T n-Docosane (C22)	13.506	7165332	61.349 ug/ml
14) T n-Tetracosane (C24)	14.602	6117372	52.850 ug/mlm
15) T n-Hexacosane (C26)	15.623	6547281	58.421 ug/ml
16) T n-Octacosane (C28)	16.567	6609581	60.877 ug/ml
17) T n-Tricontane (C30)	17.456	6226371	59.634 ug/ml
18) T n-Dotriacontane (C32)	18.282	6150432	62.104 ug/ml
19) T n-Tetratriacontane (C34)	19.063	5895525	62.203 ug/ml
20) T n-Hexatriacontane (C36)	19.801	5386959	59.613 ug/ml
21) T n-Octatriacontane (C38)	20.502	4770278	55.209 ug/ml
22) T n-Tetracontane (C40)	21.310	4451955	49.991 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

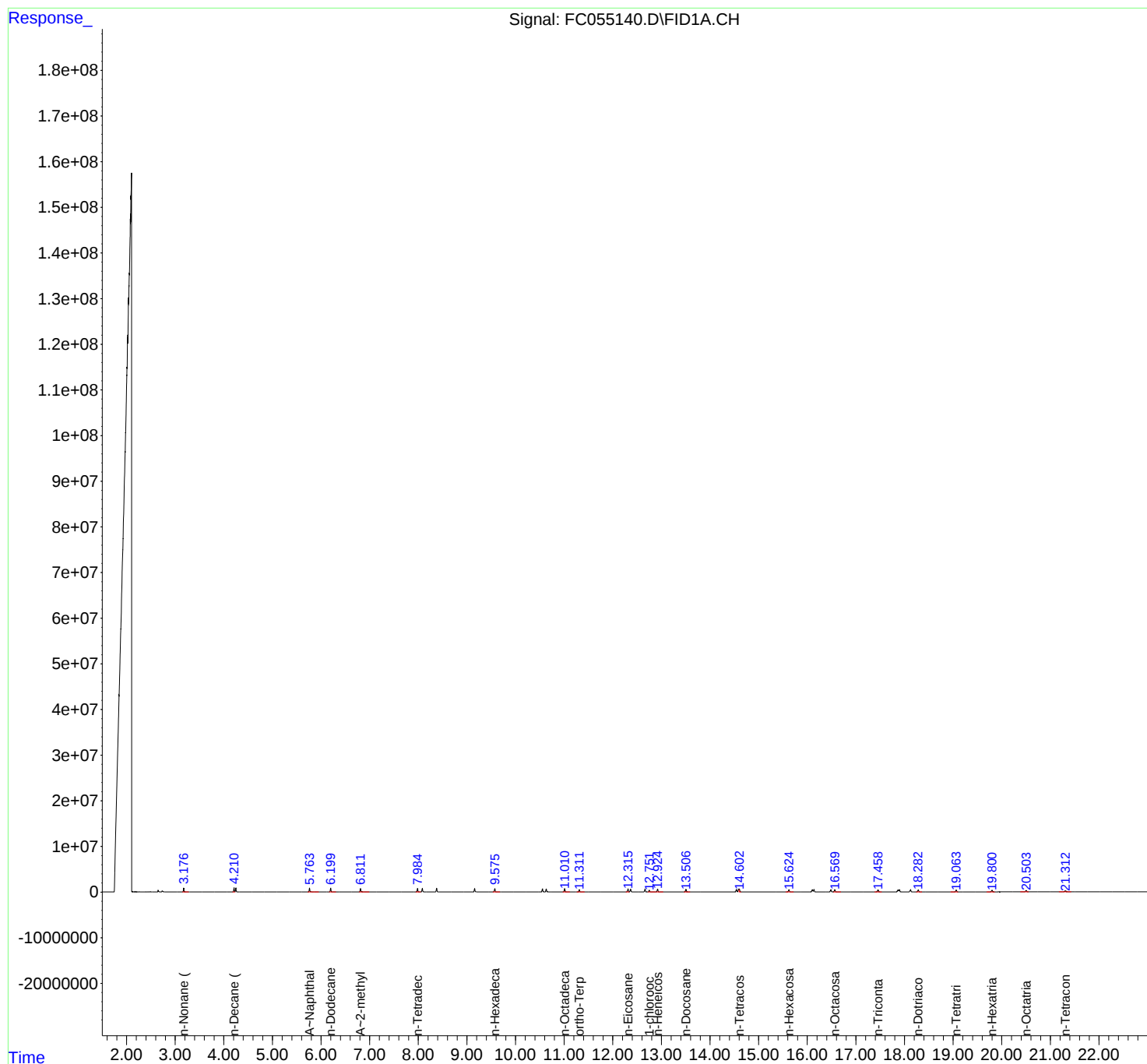
Instrument :
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ClientSampleId :
PB138325BSD

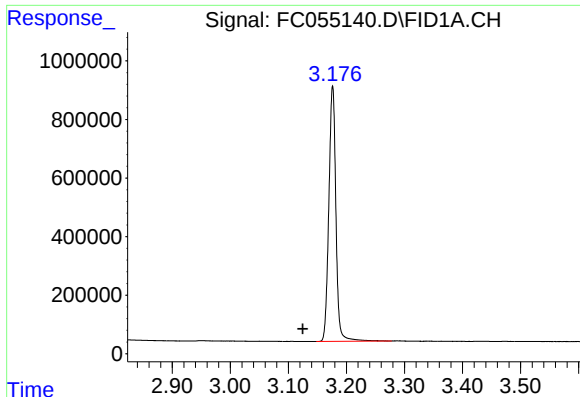
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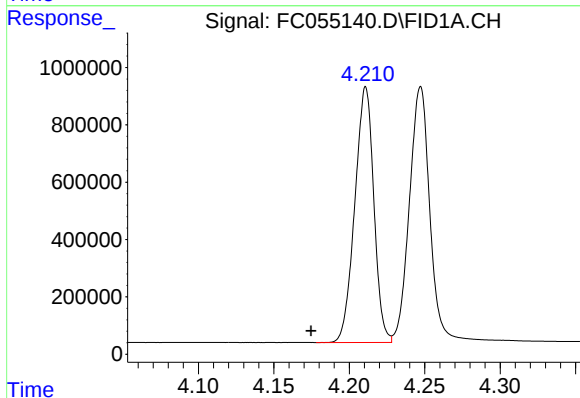
#1 n-Nonane (C9)

R.T.: 3.176 min
Delta R.T.: 0.051 min
Response: 7382011
Conc: 70.60 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138325BSD

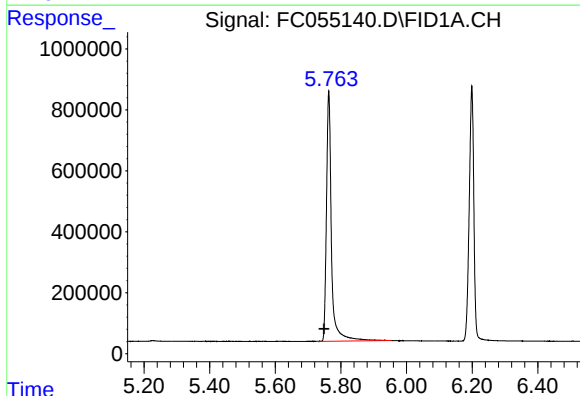
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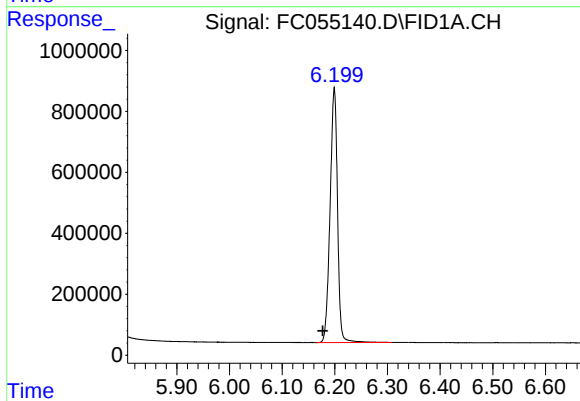
#2 n-Decane (C10)

R.T.: 4.211 min
Delta R.T.: 0.036 min
Response: 7813543
Conc: 74.20 ug/ml



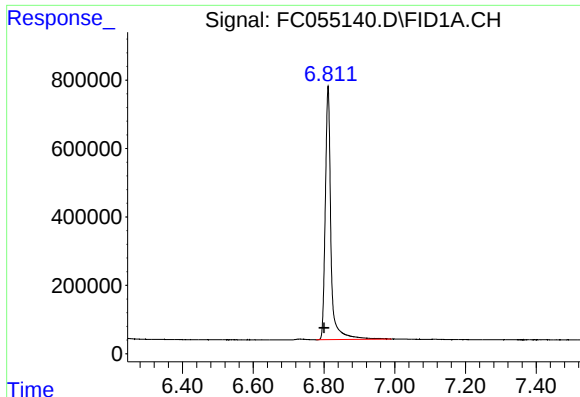
#3 A~Naphthalene (C11.7)

R.T.: 5.763 min
Delta R.T.: 0.014 min
Response: 8695488
Conc: 80.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.199 min
Delta R.T.: 0.022 min
Response: 8186844
Conc: 75.39 ug/ml



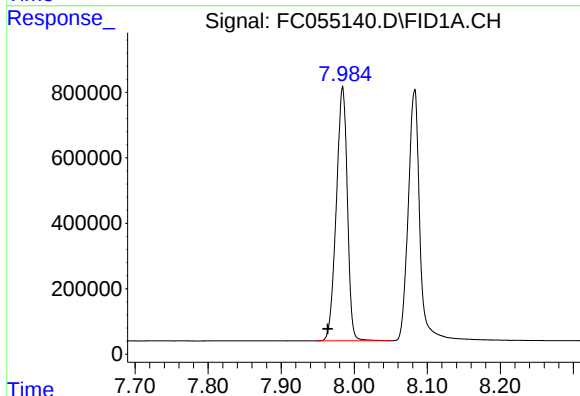
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.811 min
Delta R.T.: 0.011 min
Response: 8215996
Conc: 75.28 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138325BSD

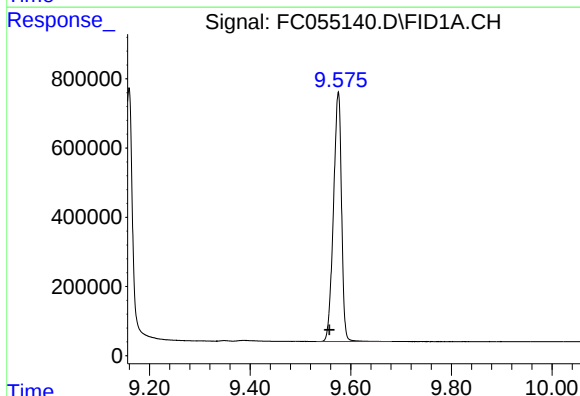
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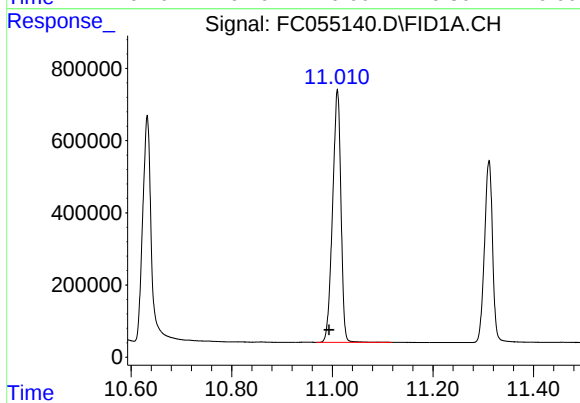
#6 n-Tetradecane (C14)

R.T.: 7.984 min
Delta R.T.: 0.020 min
Response: 8166030
Conc: 73.15 ug/ml



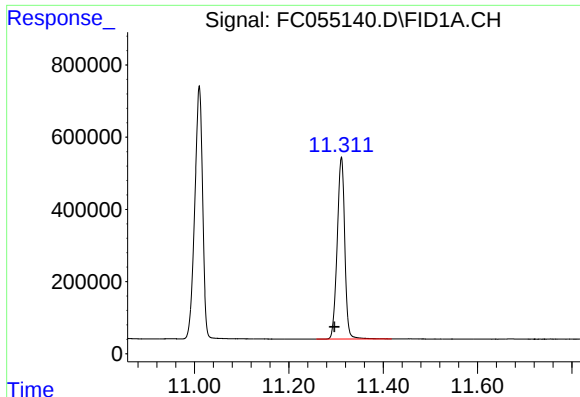
#7 n-Hexadecane (C16)

R.T.: 9.574 min
Delta R.T.: 0.016 min
Response: 8036087
Conc: 70.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.009 min
Delta R.T.: 0.016 min
Response: 8070549
Conc: 68.44 ug/ml



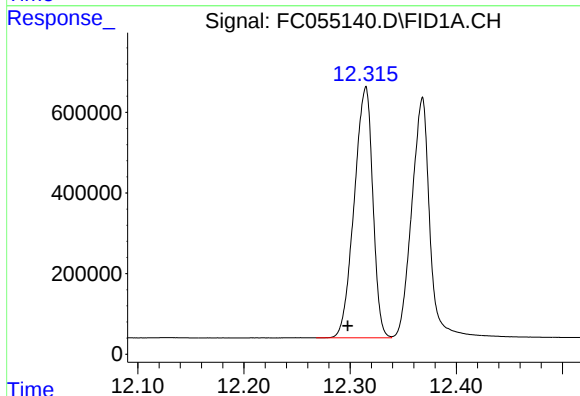
#9 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: 0.015 min
Response: 5624348
Conc: 44.67 ug/ml

Instrument :
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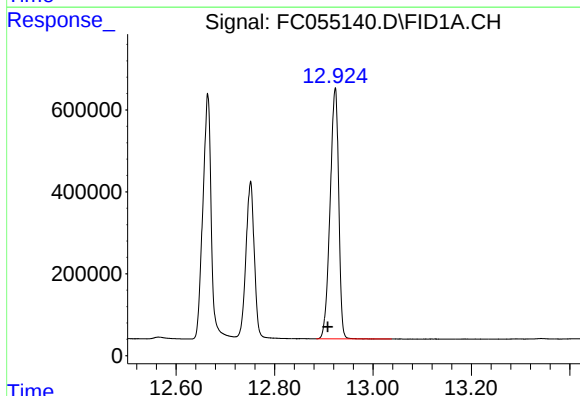
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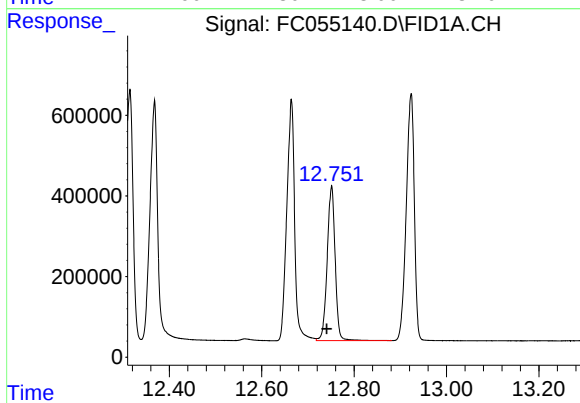
#10 n-Eicosane (C20)

R.T.: 12.313 min
Delta R.T.: 0.015 min
Response: 7561342
Conc: 64.40 ug/ml



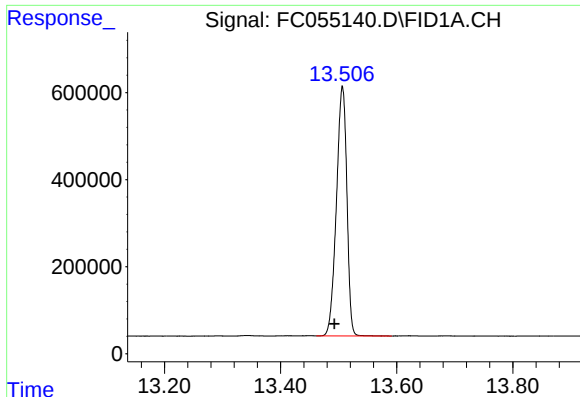
#11 n-Heneicosane (C21)

R.T.: 12.922 min
Delta R.T.: 0.014 min
Response: 7431261
Conc: 62.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.751 min
Delta R.T.: 0.010 min
Response: 4601132
Conc: 46.43 ug/ml



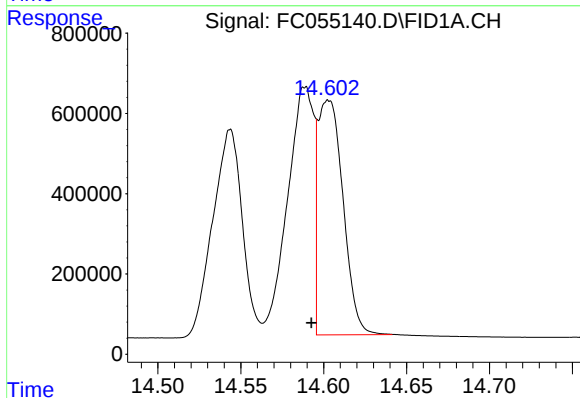
#13 n-Docosane (C22)

R.T.: 13.506 min
Delta R.T.: 0.013 min
Response: 7165332
Conc: 61.35 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138325BSD

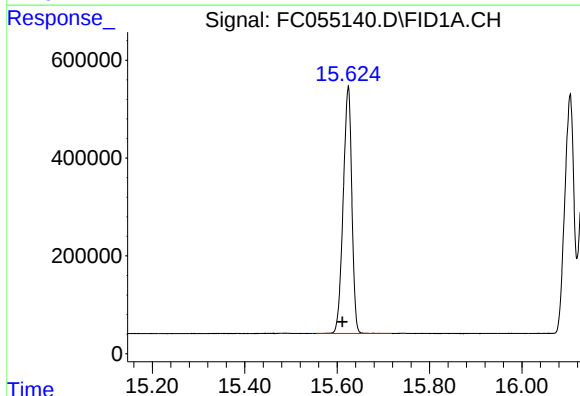
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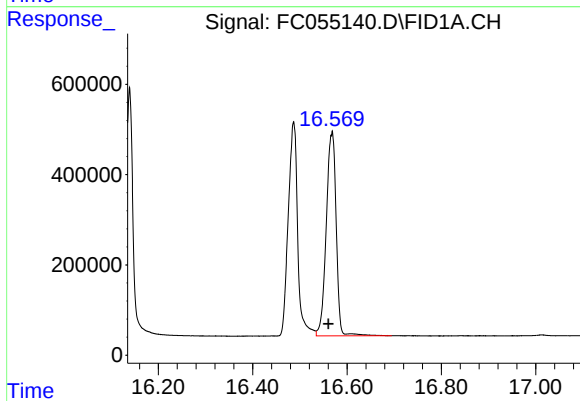
#14 n-Tetracosane (C24)

R.T.: 14.602 min
Delta R.T.: 0.010 min
Response: 6117372
Conc: 52.85 ug/ml m



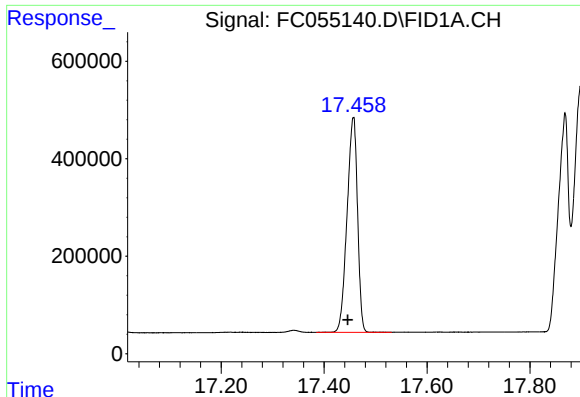
#15 n-Hexacosane (C26)

R.T.: 15.623 min
Delta R.T.: 0.011 min
Response: 6547281
Conc: 58.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.567 min
Delta R.T.: 0.007 min
Response: 6609581
Conc: 60.88 ug/ml



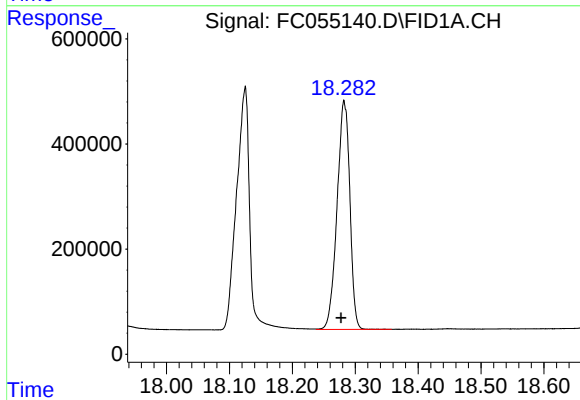
#17 n-Tricontane (C30)

R.T.: 17.456 min
Delta R.T.: 0.009 min
Response: 6226371
Conc: 59.63 ug/ml

Instrument :
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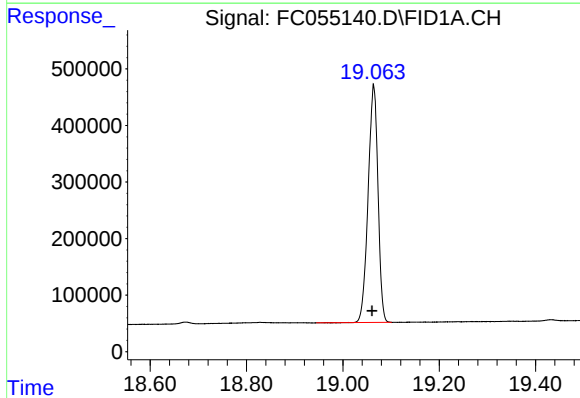
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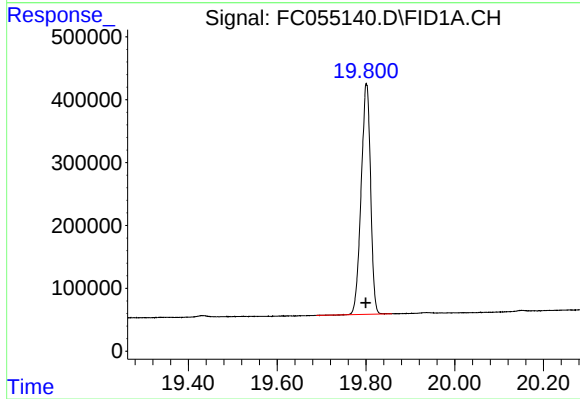
#18 n-Dotriacontane (C32)

R.T.: 18.282 min
Delta R.T.: 0.005 min
Response: 6150432
Conc: 62.10 ug/ml



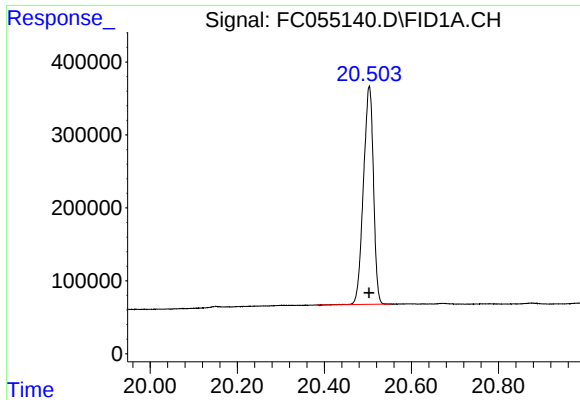
#19 n-Tetratriacontane (C34)

R.T.: 19.063 min
Delta R.T.: 0.003 min
Response: 5895525
Conc: 62.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.801 min
Delta R.T.: 0.001 min
Response: 5386959
Conc: 59.61 ug/ml



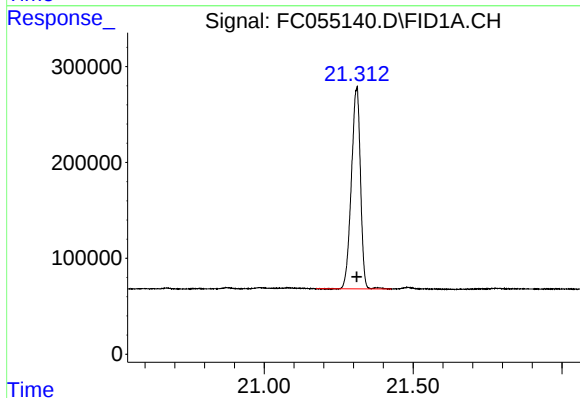
#21 n-Octatriacontane (C38)

R.T.: 20.502 min
Delta R.T.: 0.000 min
Response: 4770278
Conc: 55.21 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: 0.000 min
Response: 4451955
Conc: 49.99 ug/ml