

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091421AL\
 Data File : FC055658.D
 Signal(s) : FID1A.CH
 Acq On : 15 Sep 2021 10:50
 Operator : AJ\MA
 Sample : M3727-03MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1MS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Sep 16 01:04:56 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)	11.656	4350183	34.822 ug/ml
Spiked Amount 50.000		Recovery =	69.64%
12) S 1-chlorooctadecane (S...	13.088	3266469	33.006 ug/ml
Spiked Amount 50.000		Recovery =	66.01%
Target Compounds			
1) T n-Nonane (C9)	3.425	5769270	53.372 ug/ml
2) T n-Decane (C10)	4.483	6043585	55.426 ug/ml
3) T A~Naphthalene (C11.7)	6.067	6286136	51.015 ug/ml
4) T n-Dodecane (C12)	6.494	6076015	55.491 ug/ml
5) T A~2-methylnaphthalene...	7.124	5895564	47.374 ug/ml
6) T n-Tetradecane (C14)	8.291	5903508	53.005 ug/ml
7) T n-Hexadecane (C16)	9.892	5626221	49.783 ug/ml
8) T n-Octadecane (C18)	11.335	5513315	47.354 ug/ml
10) T n-Eicosane (C20)	12.645	5106492	43.702 ug/ml
11) T n-Heneicosane (C21)	13.256	4989729	42.395 ug/ml
13) T n-Docosane (C22)	13.842	4830635	41.411 ug/ml
14) T n-Tetracosane (C24)	14.940	9508982	81.651 ug/ml
15) T n-Hexacosane (C26)	15.966	4623282	40.812 ug/ml
16) T n-Octacosane (C28)	16.914	4714432	42.605 ug/ml
17) T n-Tricontane (C30)	17.801	4592153	43.186 ug/ml
18) T n-Dotriacontane (C32)	18.629	4659735	46.495 ug/ml
19) T n-Tetratriacontane (C34)	19.411	4262417	45.163 ug/ml
20) T n-Hexatriacontane (C36)	20.150	3900428	44.923 ug/ml
21) T n-Octatriacontane (C38)	20.895	3653374	44.822 ug/ml
22) T n-Tetracontane (C40)	21.828	3799727	47.310 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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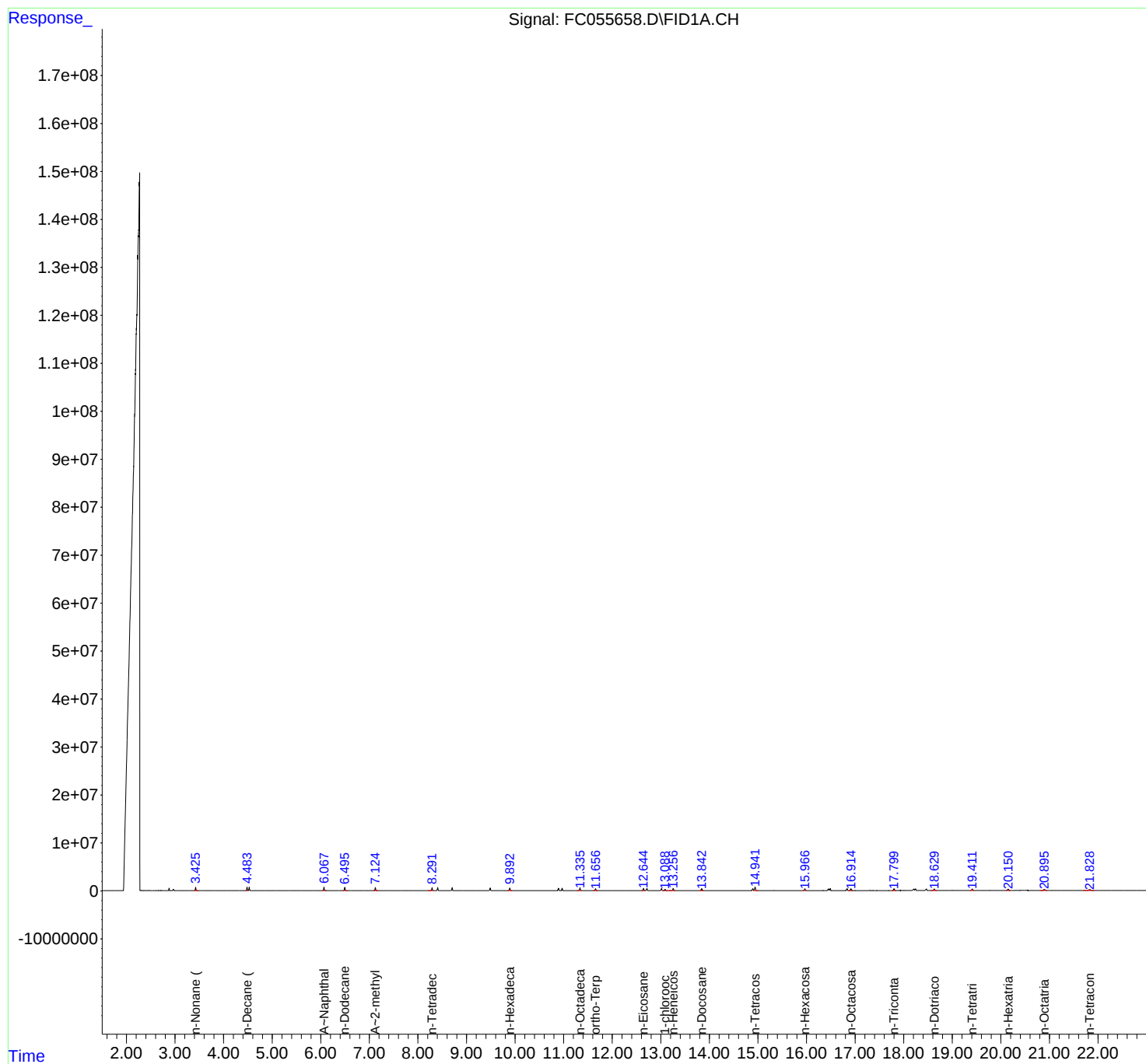
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1MS

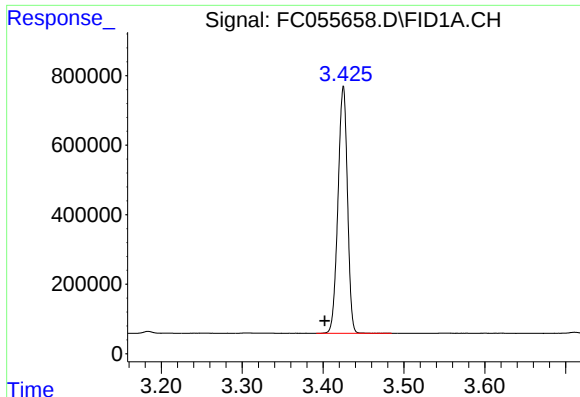
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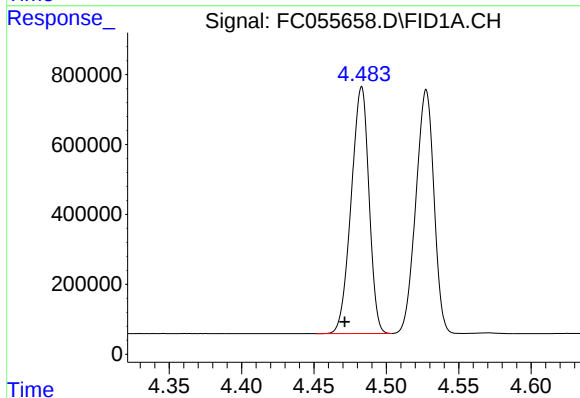
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.023 min
Response: 5769270
Conc: 53.37 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

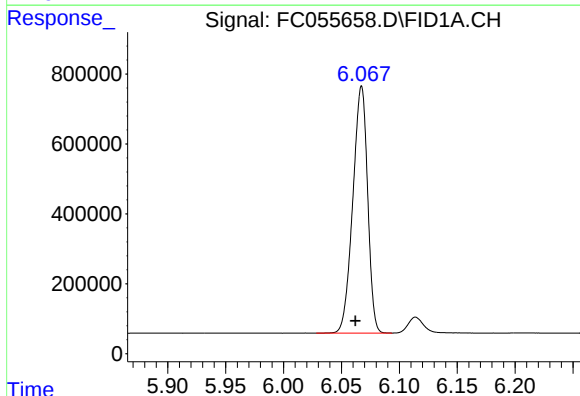
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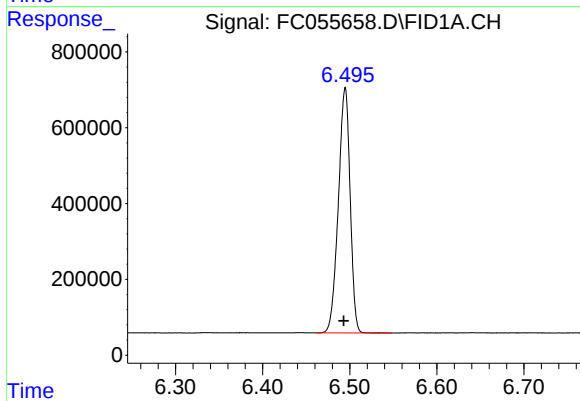
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.011 min
Response: 6043585
Conc: 55.43 ug/ml



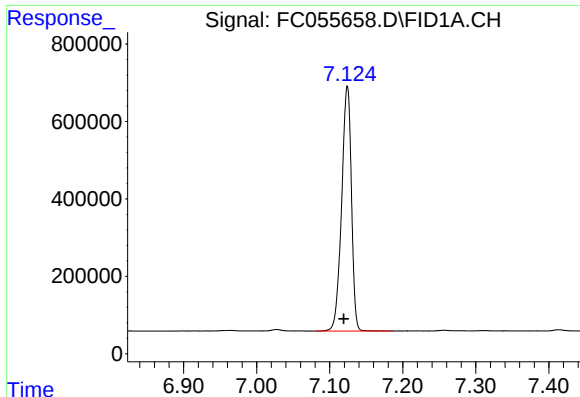
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: 0.005 min
Response: 6286136
Conc: 51.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.001 min
Response: 6076015
Conc: 55.49 ug/ml



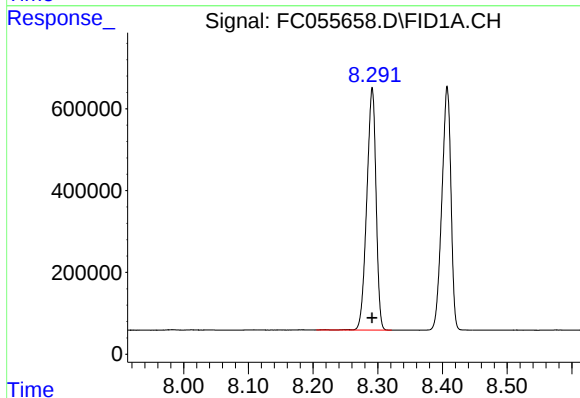
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.005 min
Response: 5895564
Conc: 47.37 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

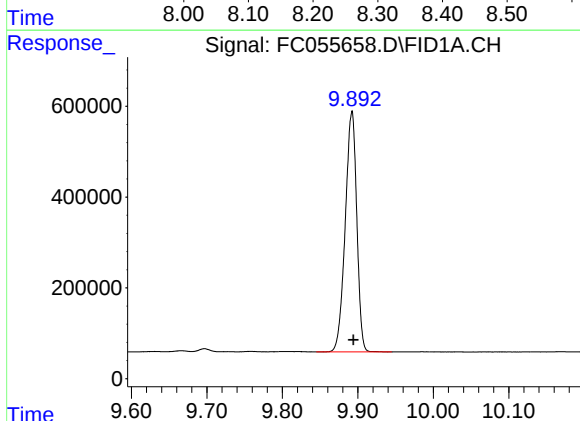
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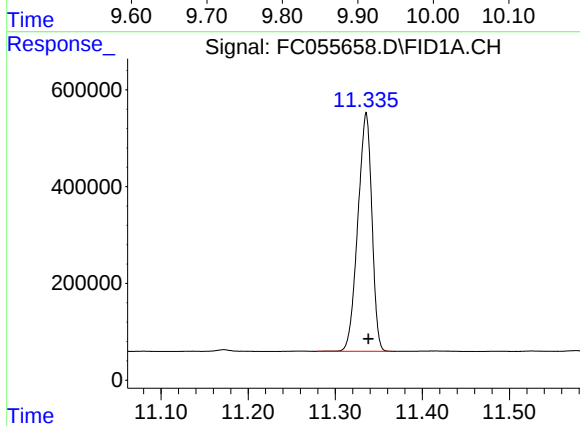
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 5903508
Conc: 53.01 ug/ml



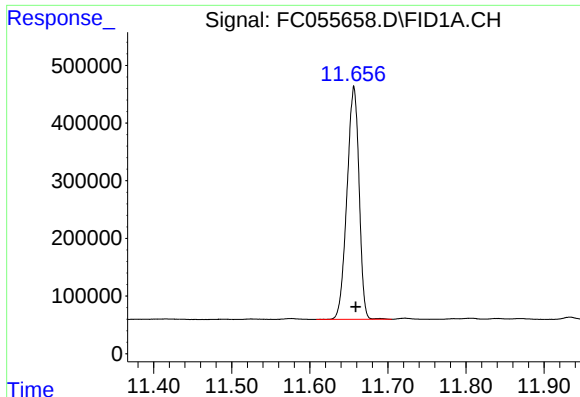
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: -0.002 min
Response: 5626221
Conc: 49.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.335 min
Delta R.T.: -0.003 min
Response: 5513315
Conc: 47.35 ug/ml



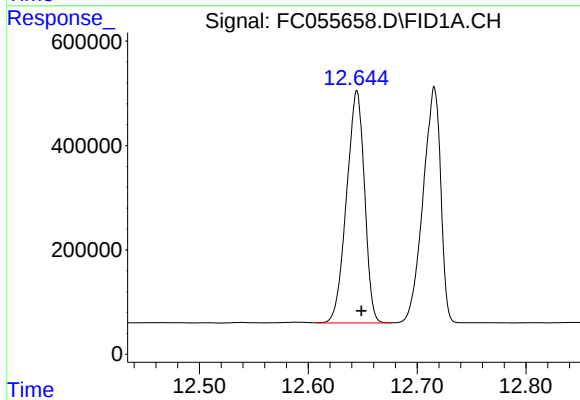
#9 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.002 min
Response: 4350183
Conc: 34.82 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

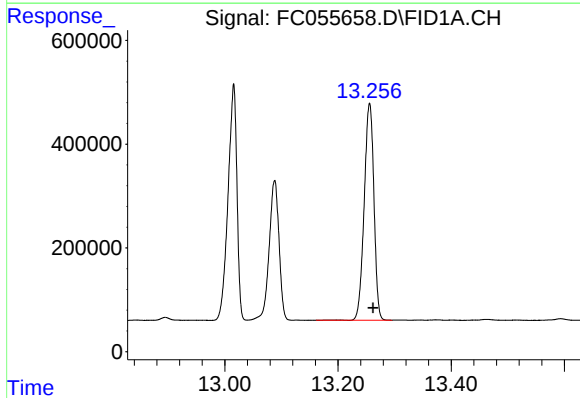
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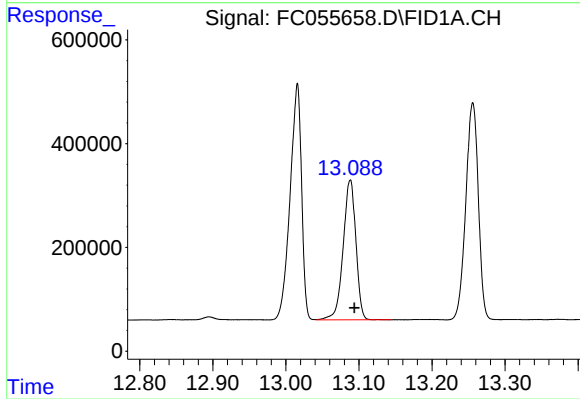
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: -0.004 min
Response: 5106492
Conc: 43.70 ug/ml



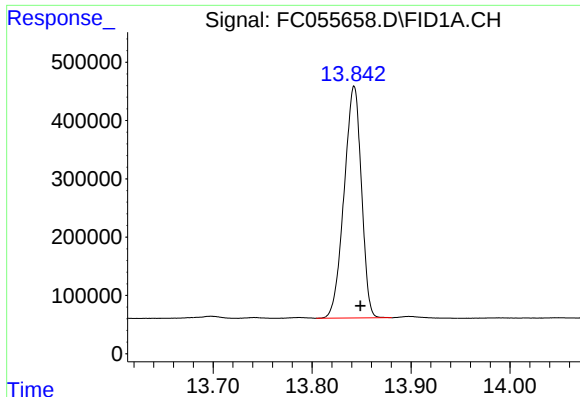
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: -0.006 min
Response: 4989729
Conc: 42.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.006 min
Response: 3266469
Conc: 33.01 ug/ml



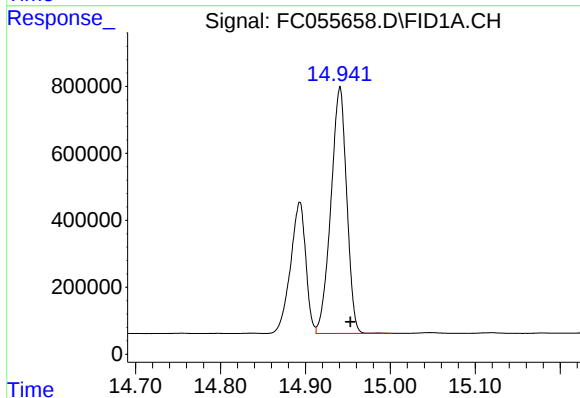
#13 n-Docosane (C22)

R.T.: 13.842 min
Delta R.T.: -0.007 min
Response: 4830635
Conc: 41.41 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

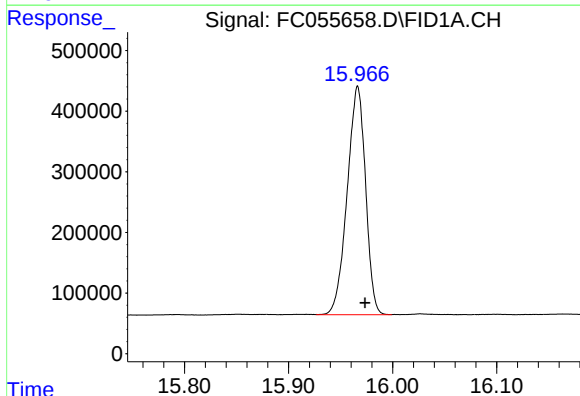
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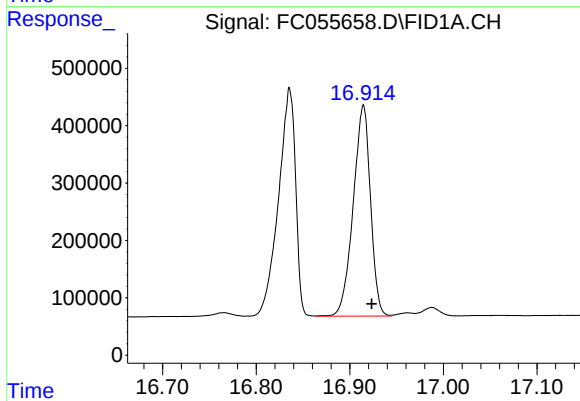
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: -0.012 min
Response: 9508982
Conc: 81.65 ug/ml



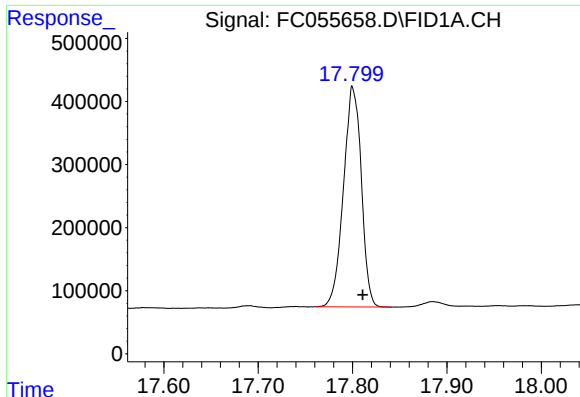
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: -0.008 min
Response: 4623282
Conc: 40.81 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.914 min
Delta R.T.: -0.009 min
Response: 4714432
Conc: 42.60 ug/ml



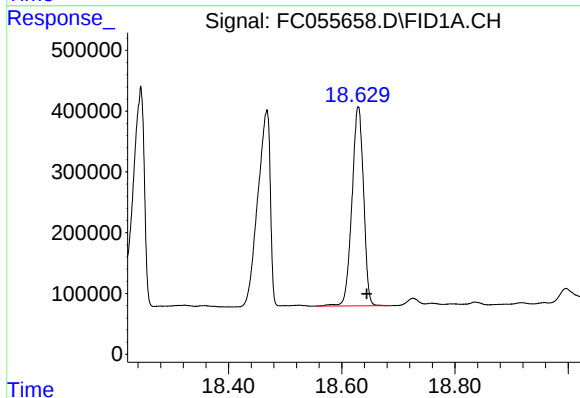
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: -0.010 min
Response: 4592153
Conc: 43.19 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

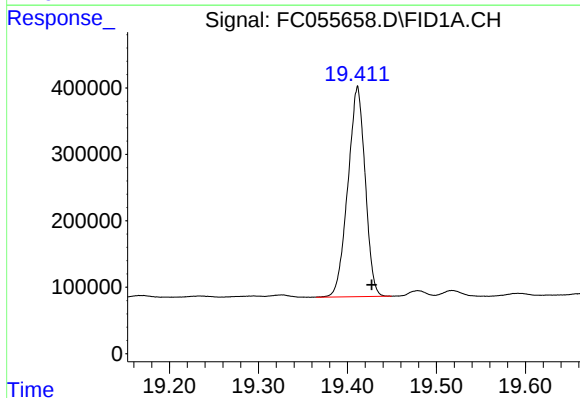
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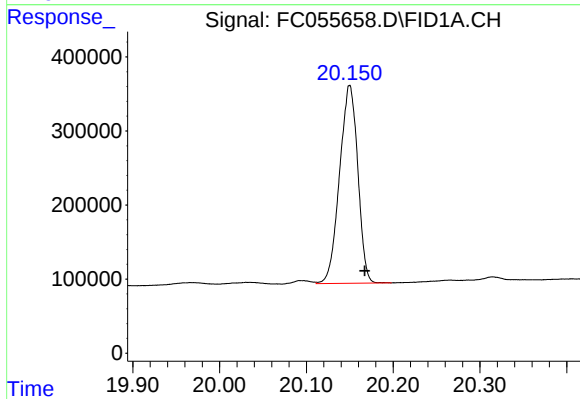
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: -0.015 min
Response: 4659735
Conc: 46.50 ug/ml



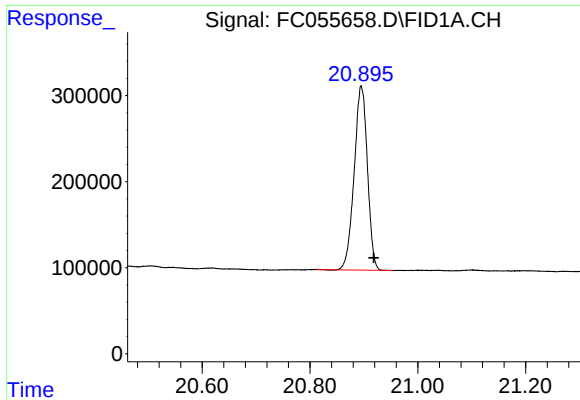
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: -0.016 min
Response: 4262417
Conc: 45.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.150 min
Delta R.T.: -0.017 min
Response: 3900428
Conc: 44.92 ug/ml



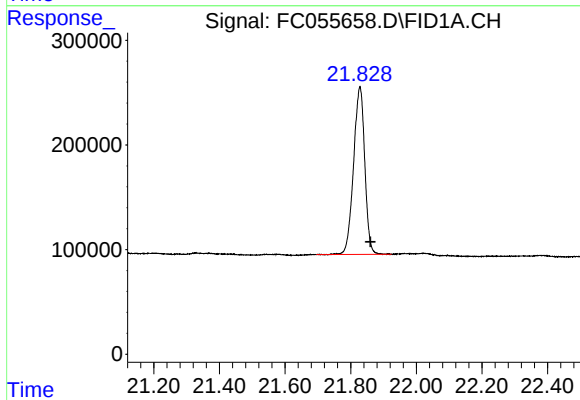
#21 n-Octatriacontane (C38)

R.T.: 20.895 min
Delta R.T.: -0.023 min
Response: 3653374
Conc: 44.82 ug/ml

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

R.T.: 21.828 min
Delta R.T.: -0.032 min
Response: 3799727
Conc: 47.31 ug/ml