

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092721AL\
 Data File : FC055843.D
 Signal(s) : FID1A.CH
 Acq On : 27 Sep 2021 18:20
 Operator : AJ\MA
 Sample : M3925-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Sep 28 01:09:40 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)	11.660	4153201	32.889 ug/ml
Spiked Amount 50.000		Recovery =	65.78%
12) S 1-chlorooctadecane (S...	13.092	3428473	34.698 ug/ml
Spiked Amount 50.000		Recovery =	69.40%
Target Compounds			
1) T n-Nonane (C9)	3.409	3770259	33.925 ug/mlm
2) T n-Decane (C10)	4.479	4515319	40.311 ug/ml
3) T A~Naphthalene (C11.7)	6.070	5184570	41.299 ug/ml
4) T n-Dodecane (C12)	6.497	5312037	47.471 ug/ml
5) T A~2-methylnaphthalene...	7.128	5361872	42.408 ug/ml
6) T n-Tetradecane (C14)	8.295	5888521	52.021 ug/ml
7) T n-Hexadecane (C16)	9.895	6066615	53.098 ug/ml
8) T n-Octadecane (C18)	11.337	6158981	51.906 ug/ml
10) T n-Eicosane (C20)	12.648	5780767	48.973 ug/ml
11) T n-Heneicosane (C21)	13.260	5636736	47.246 ug/ml
13) T n-Docosane (C22)	13.847	5589735	47.181 ug/ml
14) T n-Tetracosane (C24)	14.950	9807651	82.885 ug/ml
15) T n-Hexacosane (C26)	15.974	5733037	50.314 ug/ml
16) T n-Octacosane (C28)	16.924	5528594	50.826 ug/ml
17) T n-Tricontane (C30)	17.815	5970553	59.021 ug/ml
18) T n-Dotriacontane (C32)	18.649	5338607	58.425 ug/ml
19) T n-Tetratriacontane (C34)	19.434	5940868	68.794 ug/ml
20) T n-Hexatriacontane (C36)	20.177	4170818	49.039 ug/mlm
21) T n-Octatriacontane (C38)	20.933f	5092819	66.904 ug/mlm
22) T n-Tetracontane (C40)	21.880f	3757913	53.649 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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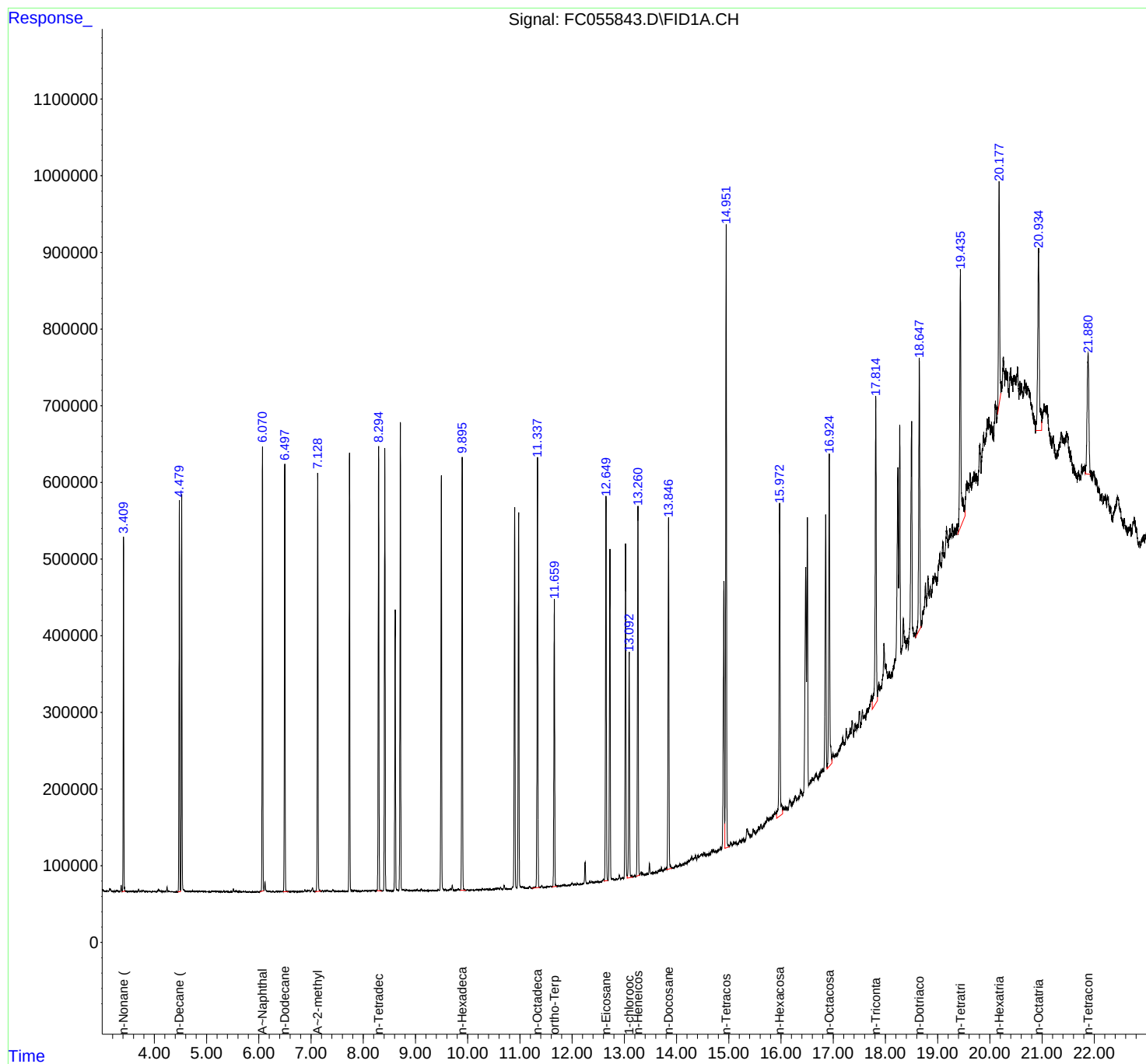
Instrument :
FID_C
ClientSampled :

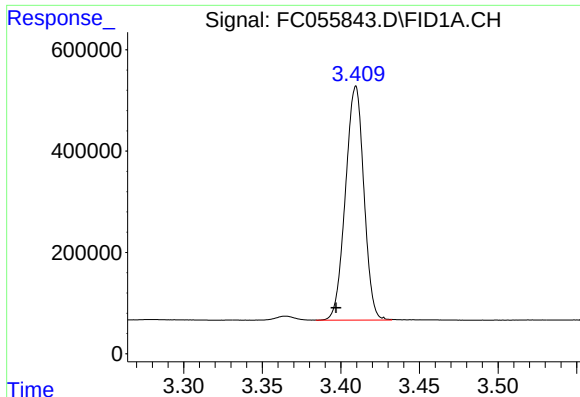
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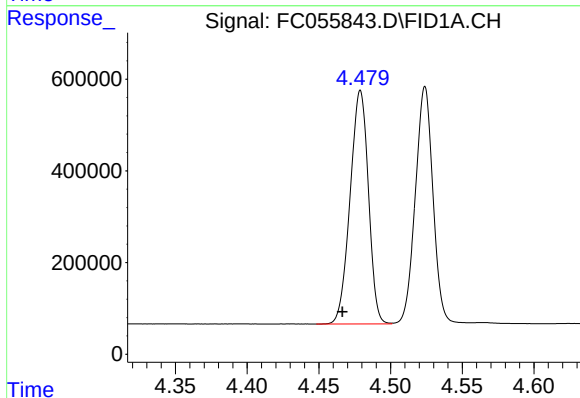
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: 0.012 min
Response: 3770259
Conc: 33.93 ug/ml m

Instrument :
FID_C
ClientSampleId :

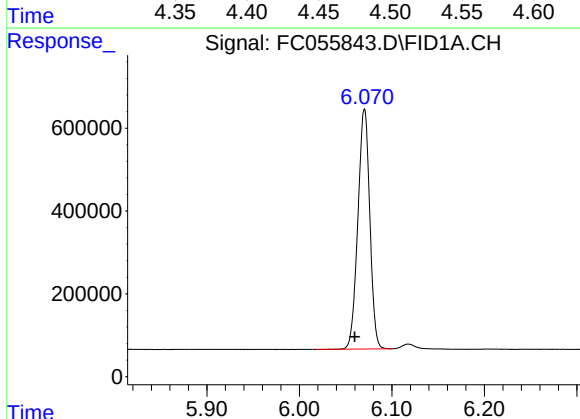
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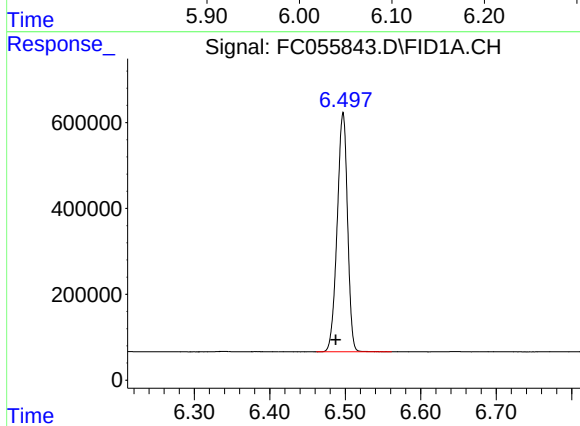
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: 0.012 min
Response: 4515319
Conc: 40.31 ug/ml



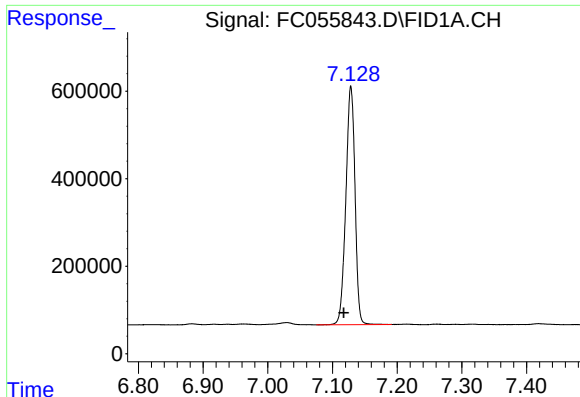
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: 0.010 min
Response: 5184570
Conc: 41.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.497 min
Delta R.T.: 0.010 min
Response: 5312037
Conc: 47.47 ug/ml



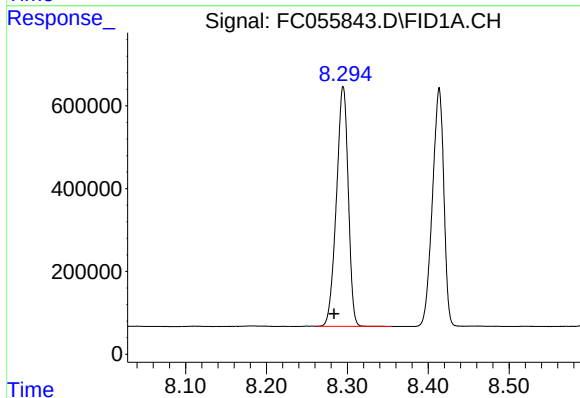
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.011 min
Response: 5361872
Conc: 42.41 ug/ml

Instrument :
FID_C
ClientSampleId :

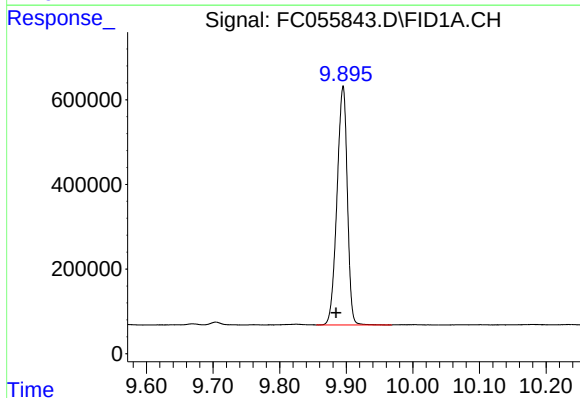
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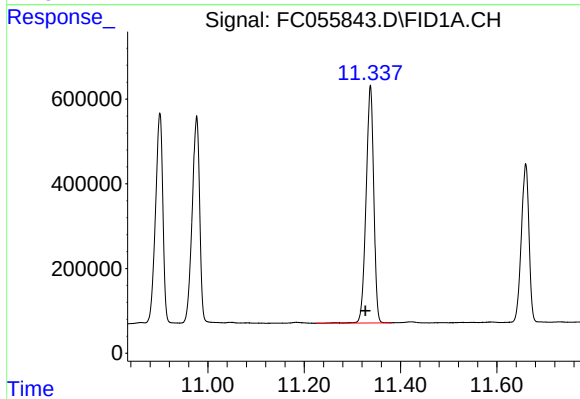
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: 0.011 min
Response: 5888521
Conc: 52.02 ug/ml



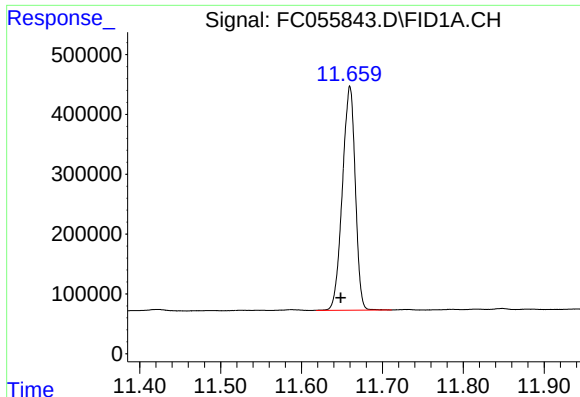
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.010 min
Response: 6066615
Conc: 53.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: 0.010 min
Response: 6158981
Conc: 51.91 ug/ml



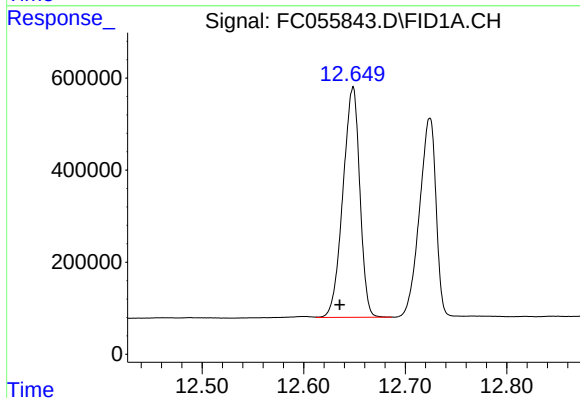
#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: 0.011 min
Response: 4153201
Conc: 32.89 ug/ml

Instrument :
FID_C
ClientSampleId :

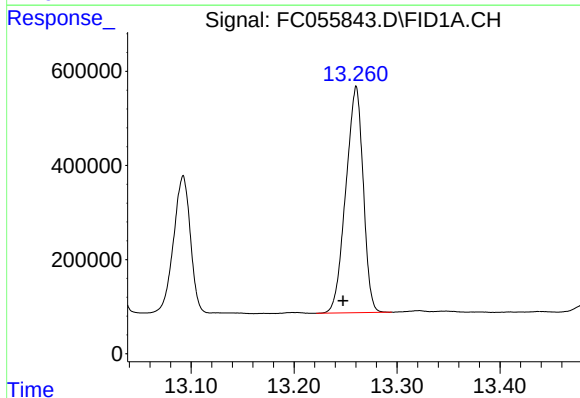
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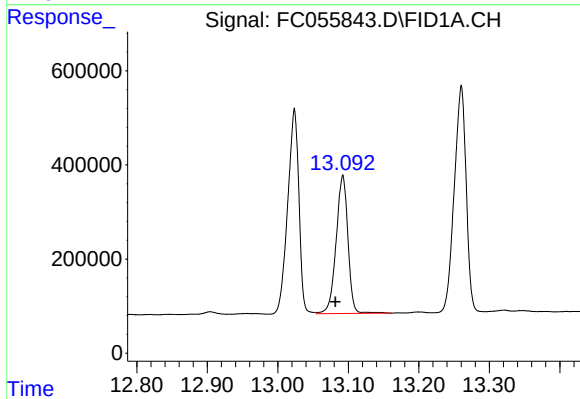
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: 0.013 min
Response: 5780767
Conc: 48.97 ug/ml



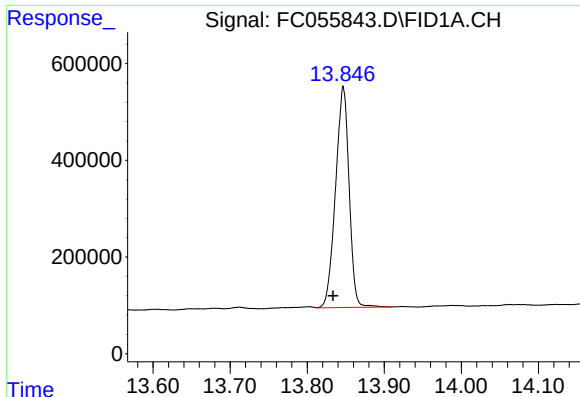
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: 0.012 min
Response: 5636736
Conc: 47.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.092 min
Delta R.T.: 0.010 min
Response: 3428473
Conc: 34.70 ug/ml



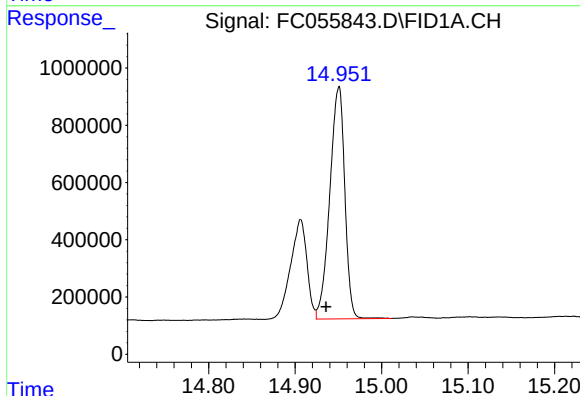
#13 n-Docosane (C22)

R.T.: 13.847 min
Delta R.T.: 0.013 min
Response: 5589735
Conc: 47.18 ug/ml

Instrument :
FID_C
ClientSampleId :

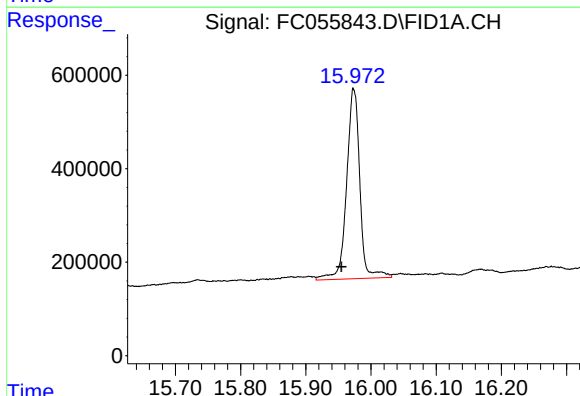
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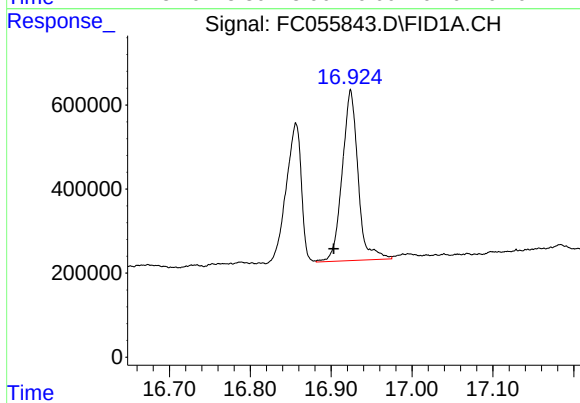
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: 0.014 min
Response: 9807651
Conc: 82.89 ug/ml



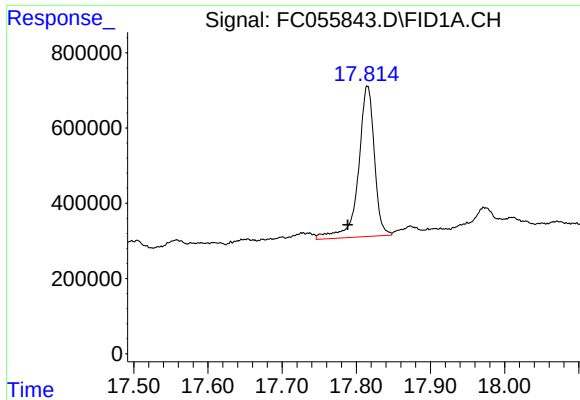
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: 0.019 min
Response: 5733037
Conc: 50.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.924 min
Delta R.T.: 0.021 min
Response: 5528594
Conc: 50.83 ug/ml



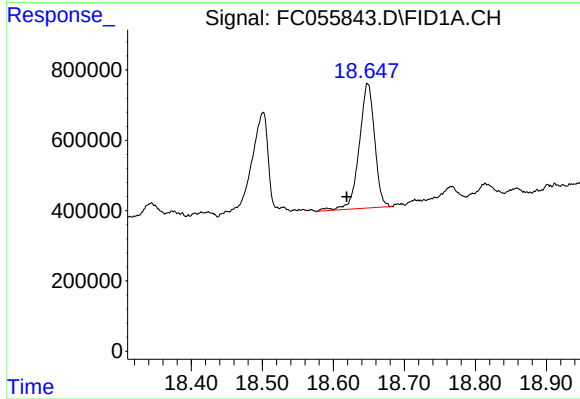
#17 n-Tricontane (C30)

R.T.: 17.815 min
Delta R.T.: 0.027 min
Response: 5970553
Conc: 59.02 ug/ml

Instrument :
FID_C
ClientSampleId :

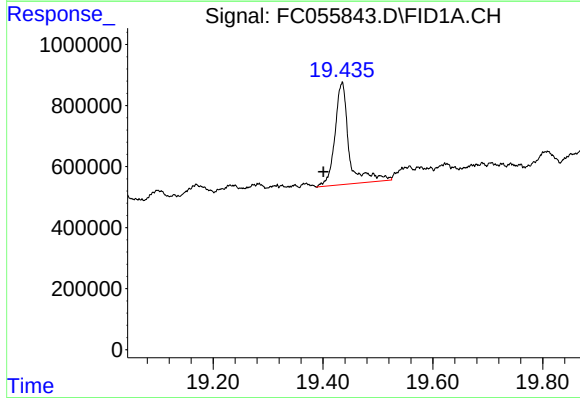
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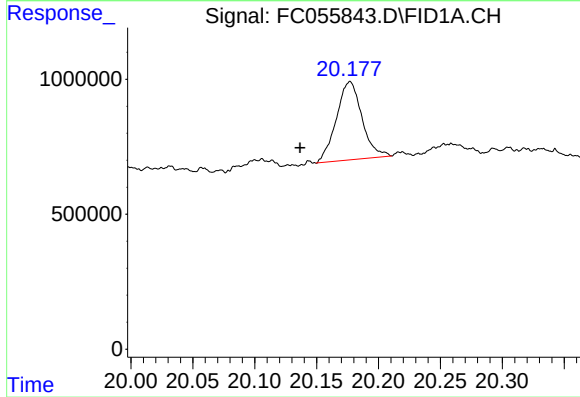
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: 0.030 min
Response: 5338607
Conc: 58.43 ug/ml



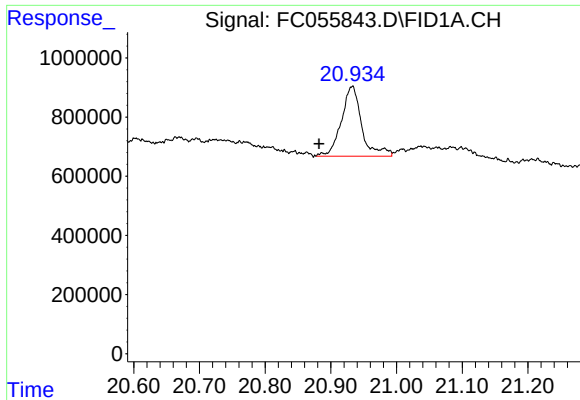
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: 0.033 min
Response: 5940868
Conc: 68.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: 0.040 min
Response: 4170818
Conc: 49.04 ug/ml m



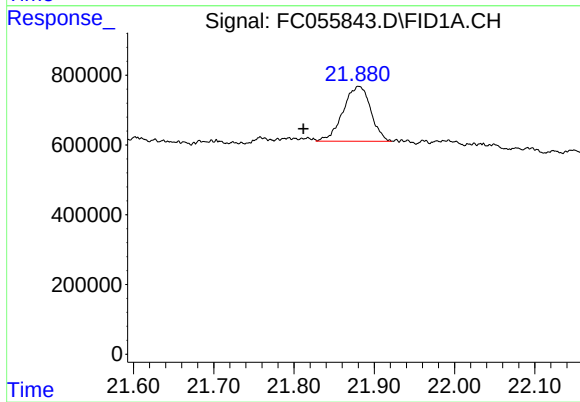
#21 n-Octatriacontane (C38)

R.T.: 20.933 min
Delta R.T.: 0.051 min
Response: 5092819
Conc: 66.90 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.880 min
Delta R.T.: 0.068 min
Response: 3757913
Conc: 53.65 ug/ml m