

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081321AL\
 Data File : FC055171.D
 Signal(s) : FID1A.CH
 Acq On : 13 Aug 2021 11:25
 Operator : AJ\MA
 Sample : M3353-08MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 6MS

Manual Integrations
 APPROVED

mohammad
 8/17/2021 11:44:45 AM

Integration File: autoint1.e
 Quant Time: Aug 13 23:38:25 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	4632432	36.795 ug/ml
Spiked Amount 50.000		Recovery =	73.59%
12) S 1-chlorooctadecane (S...	12.747	3604655	36.371 ug/ml
Spiked Amount 50.000		Recovery =	72.74%
Target Compounds			
1) T n-Nonane (C9)	3.144	3336727	31.910 ug/ml
2) T n-Decane (C10)	4.194	3857551	36.632 ug/ml
3) T A~Naphthalene (C11.7)	5.756	4210615	38.751 ug/ml
4) T n-Dodecane (C12)	6.193	4516145	41.589 ug/ml
5) T A~2-methylnaphthalene...	6.805	4530241	41.509 ug/ml
6) T n-Tetradecane (C14)	7.979	5042331	45.167 ug/ml
7) T n-Hexadecane (C16)	9.569	5338799	46.810 ug/ml
8) T n-Octadecane (C18)	11.005	5576613	47.290 ug/ml
10) T n-Eicosane (C20)	12.309	5311197	45.239 ug/ml
11) T n-Heneicosane (C21)	12.917	5236326	44.347 ug/ml
13) T n-Docosane (C22)	13.501	5103645	43.697 ug/ml
14) T n-Tetracosane (C24)	14.598	5596087	48.347 ug/mlm
15) T n-Hexacosane (C26)	15.618	4715360	42.075 ug/ml
16) T n-Octacosane (C28)	16.561	4750414	43.753 ug/ml
17) T n-Tricontane (C30)	17.448	4428148	42.411 ug/ml
18) T n-Dotriacontane (C32)	18.276	4259602	43.012 ug/ml
19) T n-Tetratriacontane (C34)	19.057	4000549	42.209 ug/ml
20) T n-Hexatriacontane (C36)	19.793	3753098	41.533 ug/ml
21) T n-Octatriacontane (C38)	20.495	3557892	41.177 ug/ml
22) T n-Tetracontane (C40)	21.298	3629743	40.759 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 3 Sample Multiplier: 1

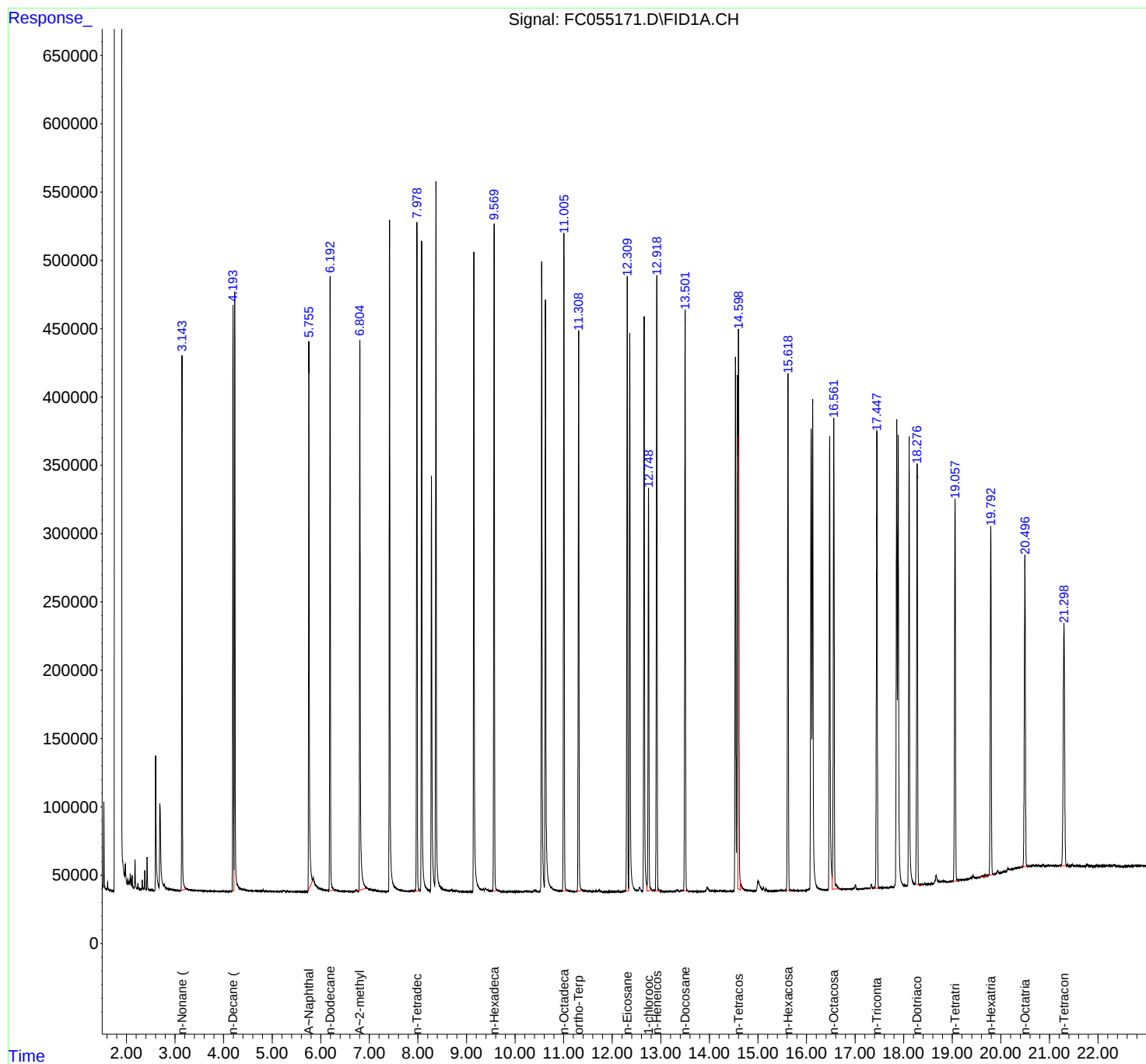
Instrument :
FID_C
ClientSampled :
6MS

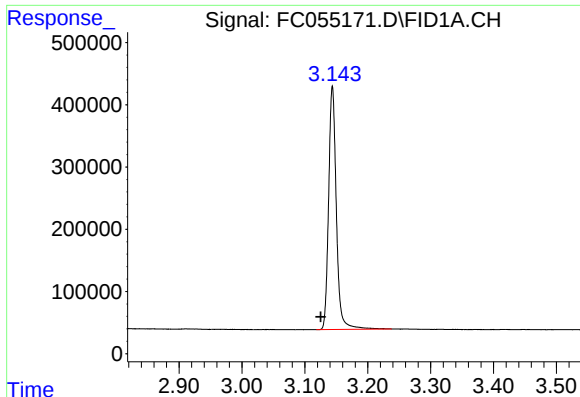
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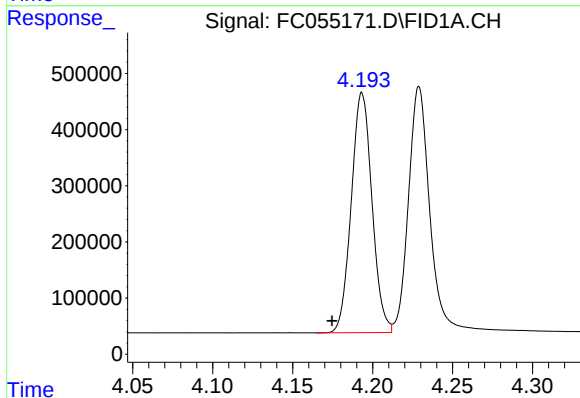
#1 n-Nonane (C9)

R.T.: 3.144 min
Delta R.T.: 0.019 min
Response: 3336727
Conc: 31.91 ug/ml

Instrument :
FID_C
ClientSampleId :
6MS

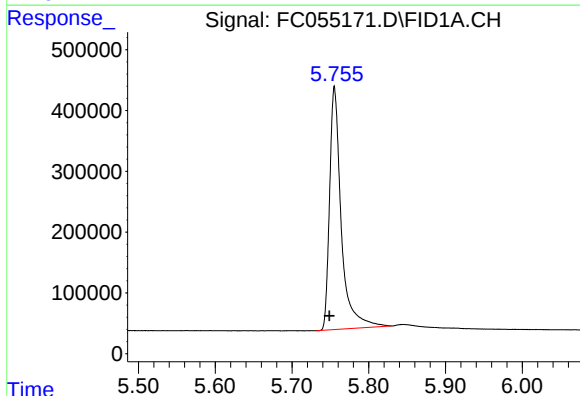
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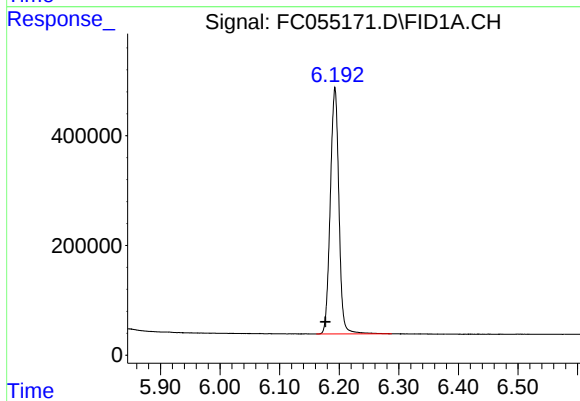
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.019 min
Response: 3857551
Conc: 36.63 ug/ml



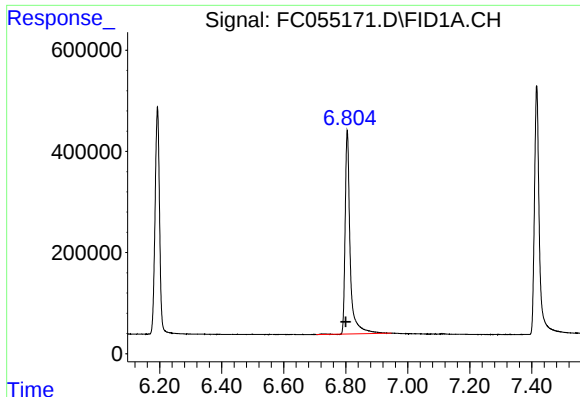
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: 0.007 min
Response: 4210615
Conc: 38.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.193 min
Delta R.T.: 0.016 min
Response: 4516145
Conc: 41.59 ug/ml



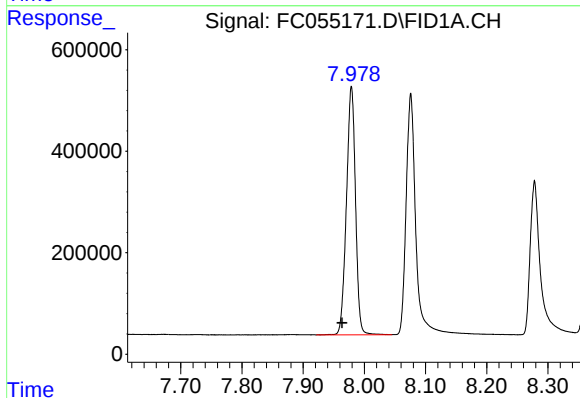
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: 0.005 min
Response: 4530241
Conc: 41.51 ug/ml

Instrument :
FID_C
ClientSampleId :
6MS

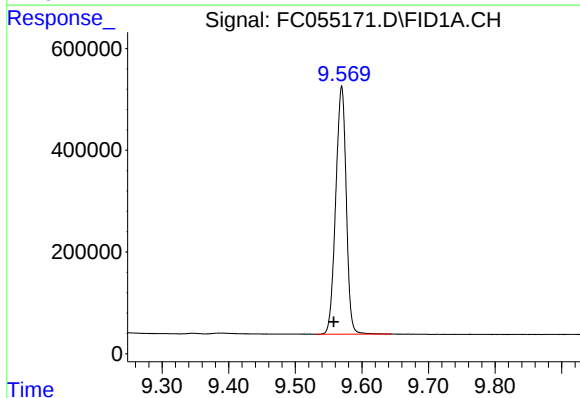
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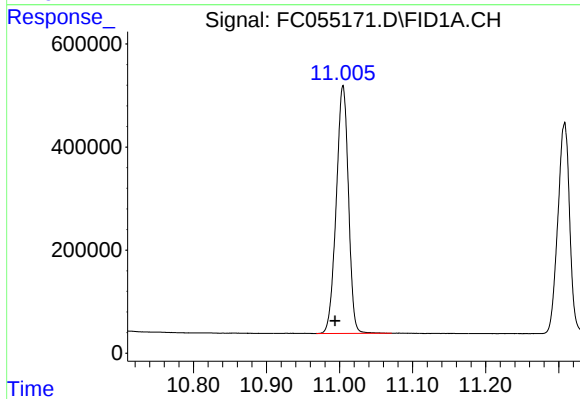
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: 0.015 min
Response: 5042331
Conc: 45.17 ug/ml



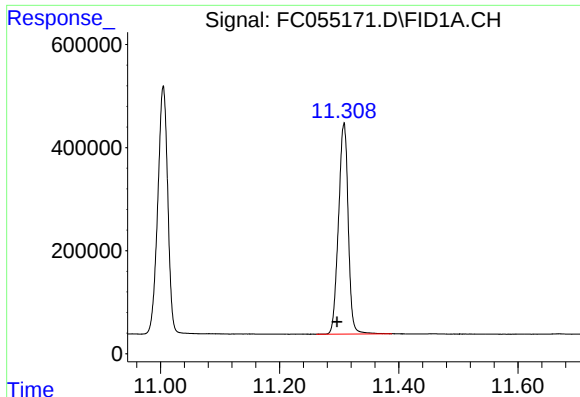
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: 0.011 min
Response: 5338799
Conc: 46.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.005 min
Delta R.T.: 0.011 min
Response: 5576613
Conc: 47.29 ug/ml



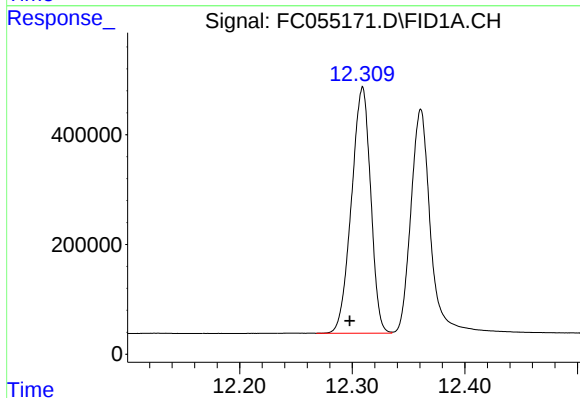
#9 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.011 min
Response: 4632432
Conc: 36.79 ug/ml

Instrument :
FID_C
ClientSampleId :
6MS

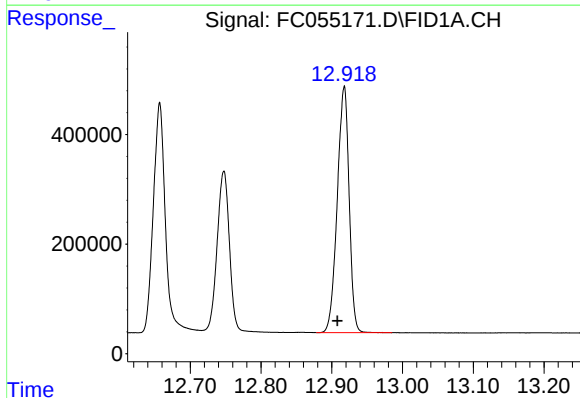
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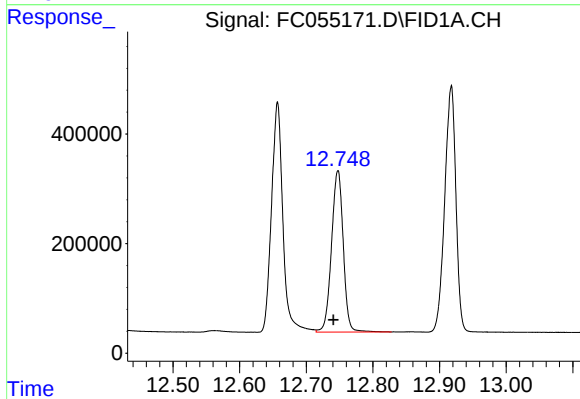
#10 n-Eicosane (C20)

R.T.: 12.309 min
Delta R.T.: 0.011 min
Response: 5311197
Conc: 45.24 ug/ml



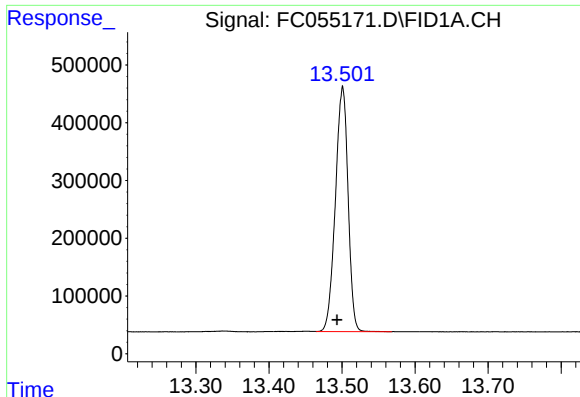
#11 n-Heneicosane (C21)

R.T.: 12.917 min
Delta R.T.: 0.009 min
Response: 5236326
Conc: 44.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.747 min
Delta R.T.: 0.007 min
Response: 3604655
Conc: 36.37 ug/ml



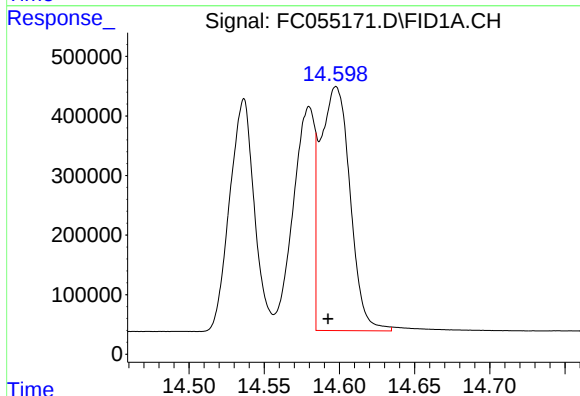
#13 n-Docosane (C22)

R.T.: 13.501 min
Delta R.T.: 0.008 min
Response: 5103645
Conc: 43.70 ug/ml

Instrument :
FID_C
ClientSampleId :
6MS

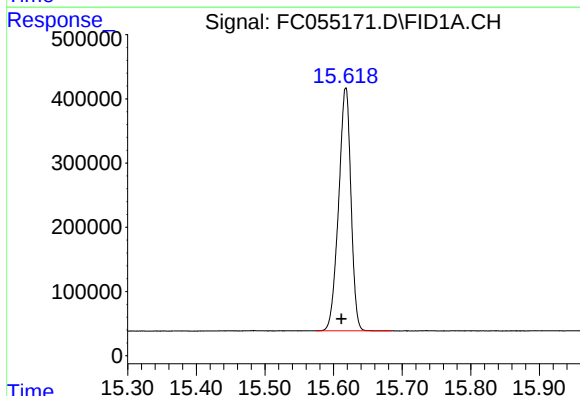
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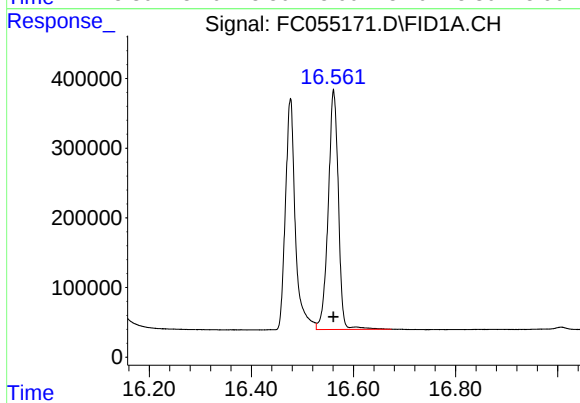
#14 n-Tetracosane (C24)

R.T.: 14.598 min
Delta R.T.: 0.005 min
Response: 5596087
Conc: 48.35 ug/ml m



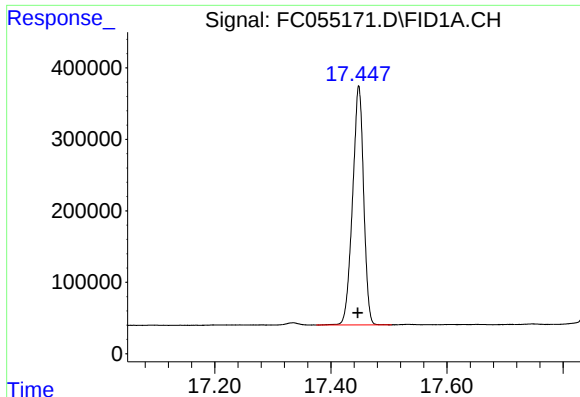
#15 n-Hexacosane (C26)

R.T.: 15.618 min
Delta R.T.: 0.006 min
Response: 4715360
Conc: 42.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.561 min
Delta R.T.: 0.000 min
Response: 4750414
Conc: 43.75 ug/ml



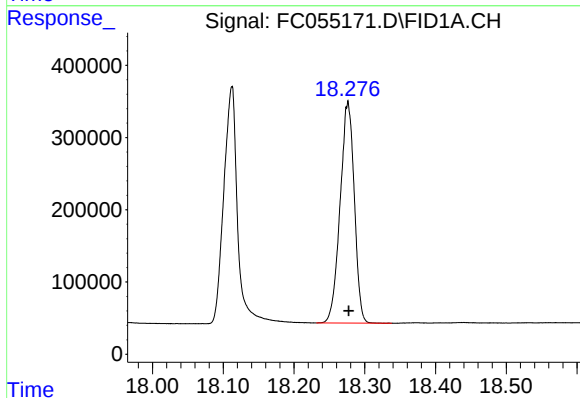
#17 n-Tricontane (C30)

R.T.: 17.448 min
Delta R.T.: 0.002 min
Response: 4428148
Conc: 42.41 ug/ml

Instrument :
FID_C
ClientSampleId :
6MS

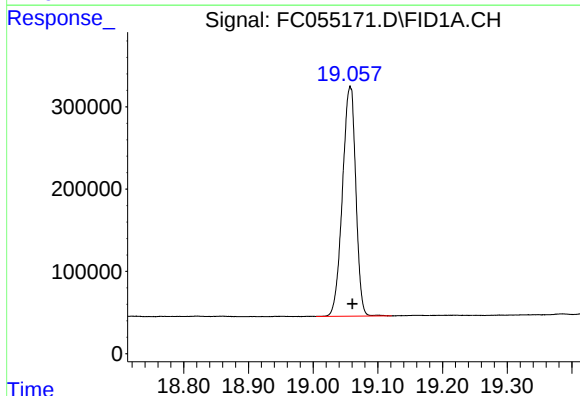
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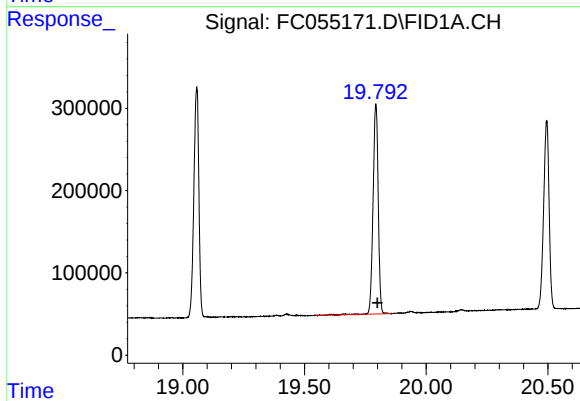
#18 n-Dotriacontane (C32)

R.T.: 18.276 min
Delta R.T.: 0.000 min
Response: 4259602
Conc: 43.01 ug/ml



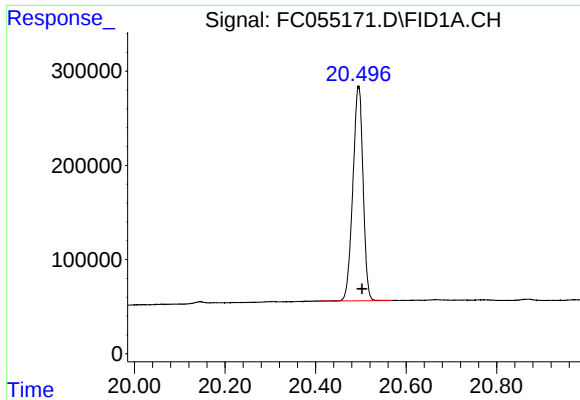
#19 n-Tetratriacontane (C34)

R.T.: 19.057 min
Delta R.T.: -0.004 min
Response: 4000549
Conc: 42.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.793 min
Delta R.T.: -0.006 min
Response: 3753098
Conc: 41.53 ug/ml



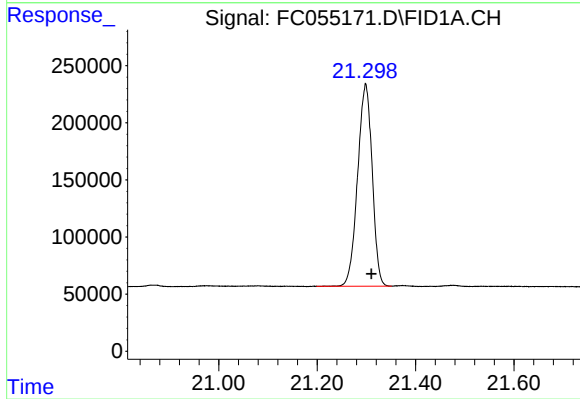
#21 n-Octatriacontane (C38)

R.T.: 20.495 min
Delta R.T.: -0.008 min
Response: 3557892
Conc: 41.18 ug/ml

Instrument :
FID_C
ClientSampleId :
6MS

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#22 n-Tetracontane (C40)

R.T.: 21.298 min
Delta R.T.: -0.012 min
Response: 3629743
Conc: 40.76 ug/ml