

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057511.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 2:22
 Operator : AJ\MA
 Sample : M5011-20MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HSB-9-(12.5-13)MS

Integration File: sample.E
 Quant Time: Dec 16 11:15:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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			
12) S 1-chlorooctadecane (S...	12.268	3024883	27.315 ug/ml
Spiked Amount 50.000		Recovery =	54.63%
Target Compounds			
1) T n-Nonane (C9)	2.693	1992487	16.127 ug/ml
2) T n-Decane (C10)	3.699	2410426	19.352 ug/ml
4) T n-Dodecane (C12)	5.687	2972241	24.068 ug/ml
6) T n-Tetradecane (C14)	7.477	4200458	33.922 ug/ml
7) T n-Hexadecane (C16)	9.077	5460569	43.550 ug/ml
8) T n-Octadecane (C18)	10.518	6072612	46.915 ug/ml
10) T n-Eicosane (C20)	11.827	6071108	46.733 ug/ml
11) T n-Heneicosane (C21)	12.438	6035440	45.987 ug/ml
13) T n-Docosane (C22)	13.024	5948963	45.261 ug/ml
14) T n-Tetracosane (C24)	14.125	5809012	43.676 ug/ml
15) T n-Hexacosane (C26)	15.146	5669708	43.238 ug/ml
16) T n-Octacosane (C28)	16.094	5554261	42.236 ug/ml
17) T n-Tricontane (C30)	16.982	5835441	42.698 ug/ml
18) T n-Dotriacontane (C32)	17.814	6441749	48.044 ug/ml
19) T n-Tetratriacontane (C34)	18.598	5592506	42.889 ug/ml
20) T n-Hexatriacontane (C36)	19.336	4957386	41.750 ug/ml
21) T n-Octatriacontane (C38)	20.064	4557612	41.497 ug/ml
22) T n-Tetracontane (C40)	20.953	4293005	42.998 ug/ml

(f)=RT Delta > 1/2 Window

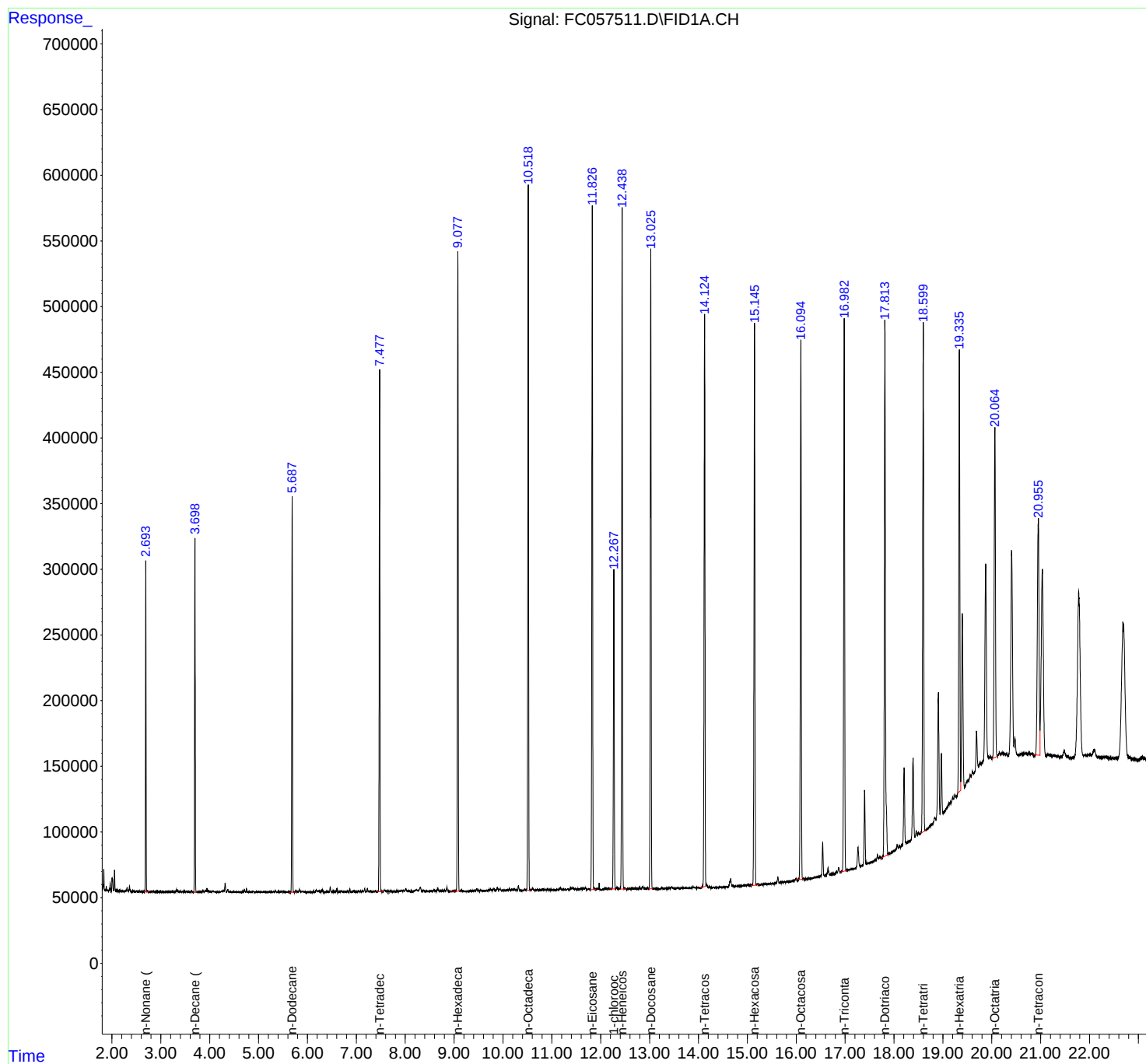
(m)=manual int.

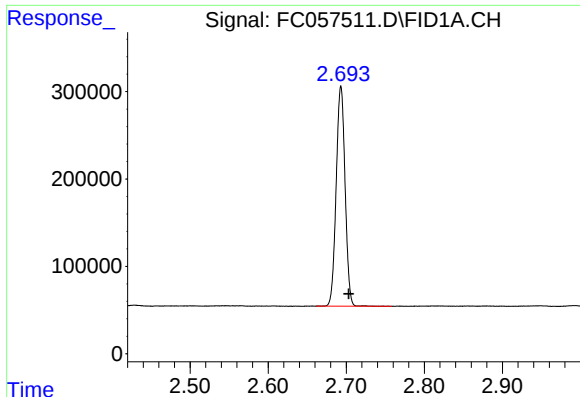
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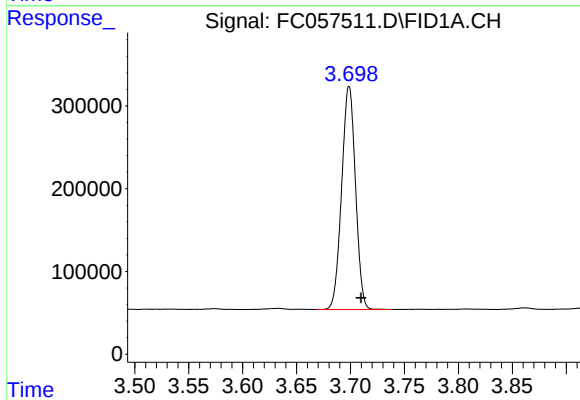




#1 n-Nonane (C9)

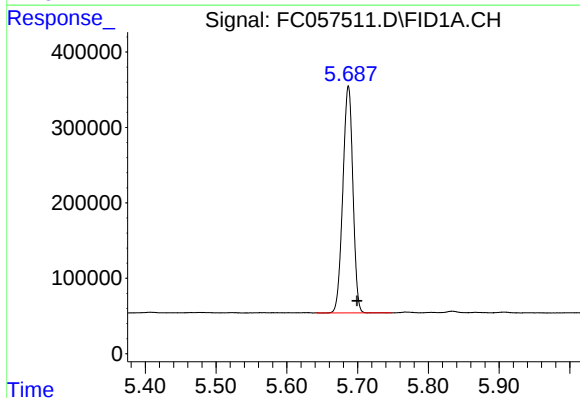
R.T.: 2.693 min
Delta R.T.: -0.010 min
Response: 1992487
Conc: 16.13 ug/ml

Instrument :
FID_C
ClientSampleId :
HSB-9-(12.5-13)MS



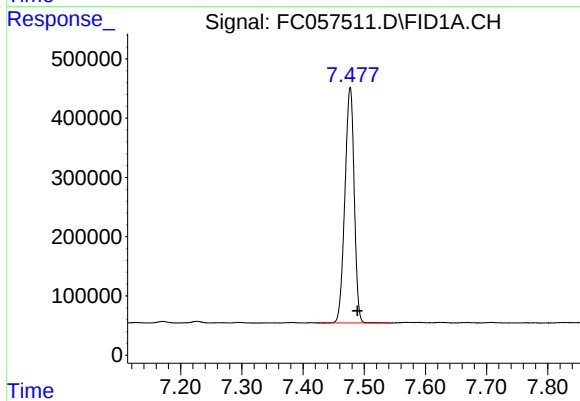
#2 n-Decane (C10)

R.T.: 3.699 min
Delta R.T.: -0.011 min
Response: 2410426
Conc: 19.35 ug/ml



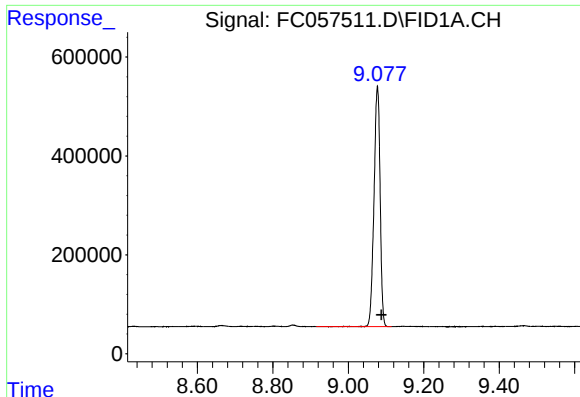
#4 n-Dodecane (C12)

R.T.: 5.687 min
Delta R.T.: -0.012 min
Response: 2972241
Conc: 24.07 ug/ml



#6 n-Tetradecane (C14)

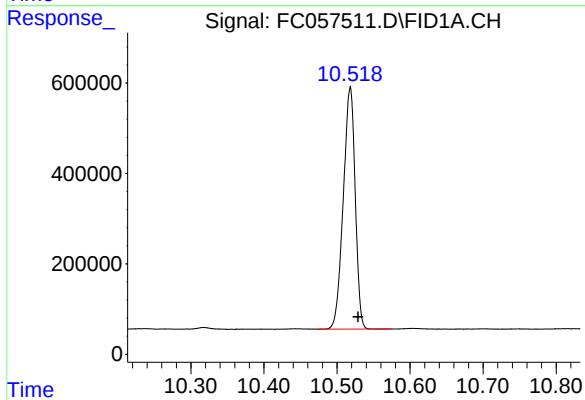
R.T.: 7.477 min
Delta R.T.: -0.012 min
Response: 4200458
Conc: 33.92 ug/ml



#7 n-Hexadecane (C16)

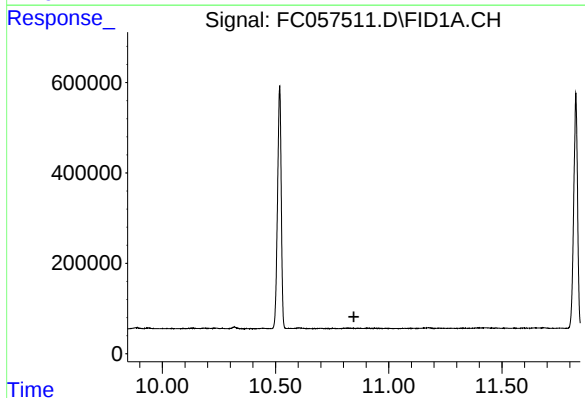
R.T.: 9.077 min
Delta R.T.: -0.011 min
Response: 5460569
Conc: 43.55 ug/ml

Instrument :
FID_C
ClientSampleId :
HSB-9-(12.5-13)MS



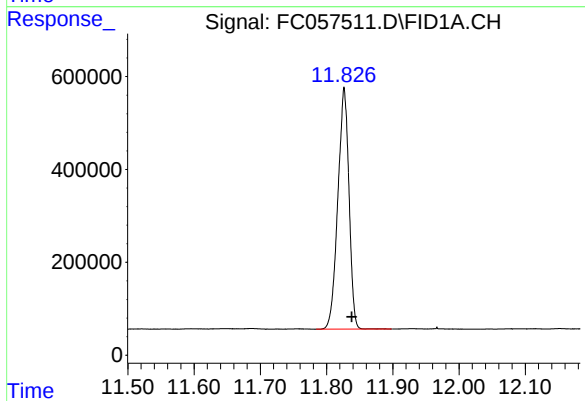
#8 n-Octadecane (C18)

R.T.: 10.518 min
Delta R.T.: -0.011 min
Response: 6072612
Conc: 46.91 ug/ml



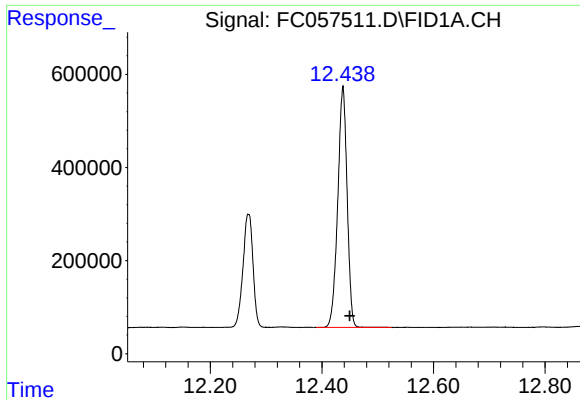
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 10.846 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

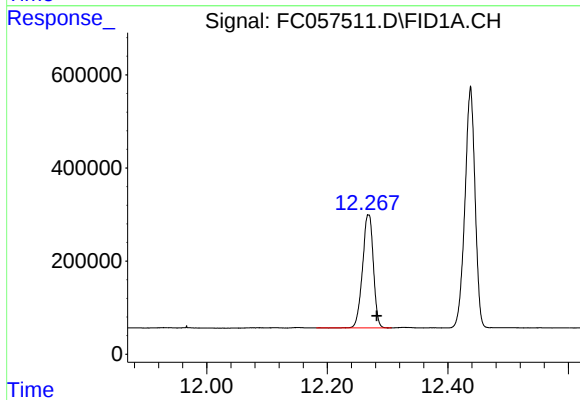
R.T.: 11.827 min
Delta R.T.: -0.011 min
Response: 6071108
Conc: 46.73 ug/ml



#11 n-Heneicosane (C21)

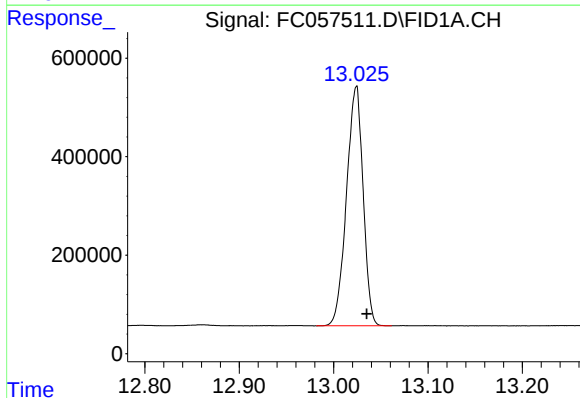
R.T.: 12.438 min
Delta R.T.: -0.012 min
Response: 6035440
Conc: 45.99 ug/ml

Instrument :
FID_C
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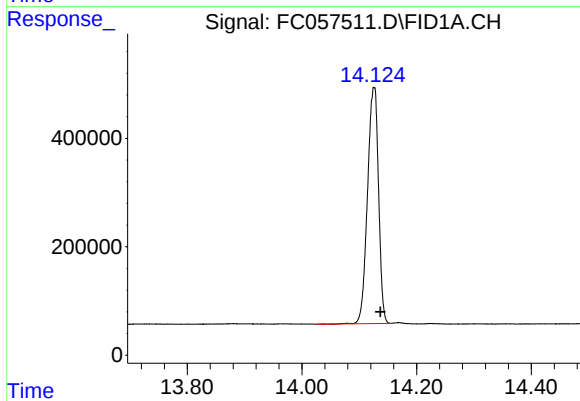
#12 1-chlorooctadecane (SURR)

R.T.: 12.268 min
Delta R.T.: -0.014 min
Response: 3024883
Conc: 27.32 ug/ml



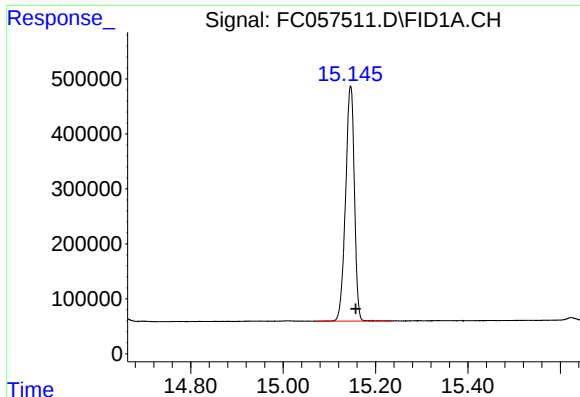
#13 n-Docosane (C22)

R.T.: 13.024 min
Delta R.T.: -0.011 min
Response: 5948963
Conc: 45.26 ug/ml



#14 n-Tetracosane (C24)

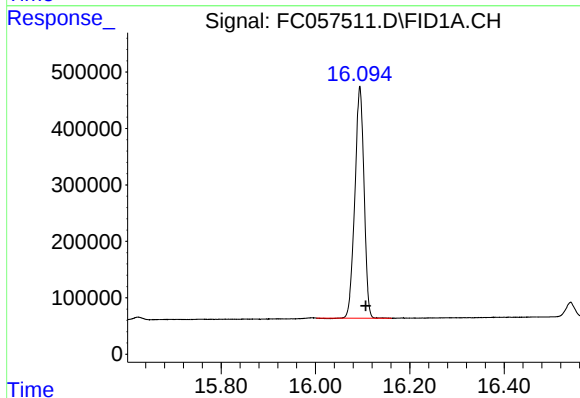
R.T.: 14.125 min
Delta R.T.: -0.012 min
Response: 5809012
Conc: 43.68 ug/ml



#15 n-Hexacosane (C26)

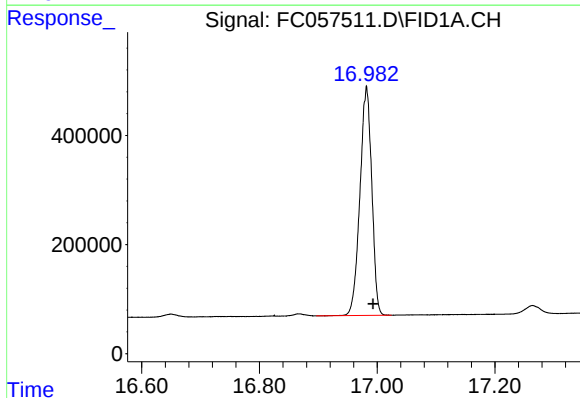
R.T.: 15.146 min
Delta R.T.: -0.011 min
Response: 5669708
Conc: 43.24 ug/ml

Instrument :
FID_C
ClientSampleId :
HSB-9-(12.5-13)MS



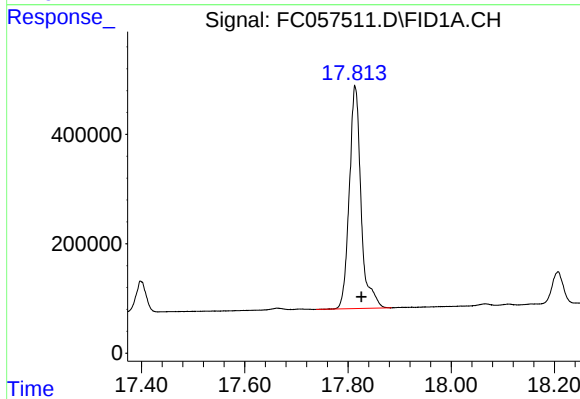
#16 n-Octacosane (C28)

R.T.: 16.094 min
Delta R.T.: -0.013 min
Response: 5554261
Conc: 42.24 ug/ml



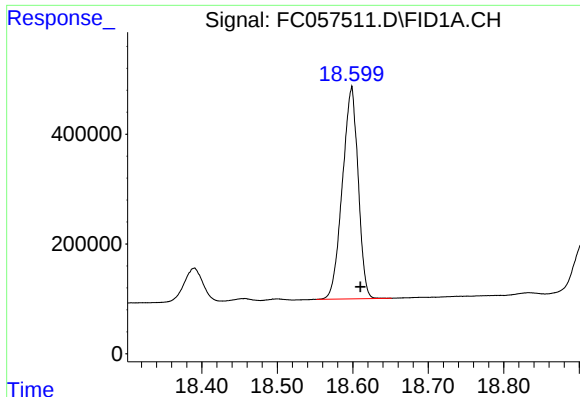
#17 n-Tricontane (C30)

R.T.: 16.982 min
Delta R.T.: -0.011 min
Response: 5835441
Conc: 42.70 ug/ml



#18 n-Dotriacontane (C32)

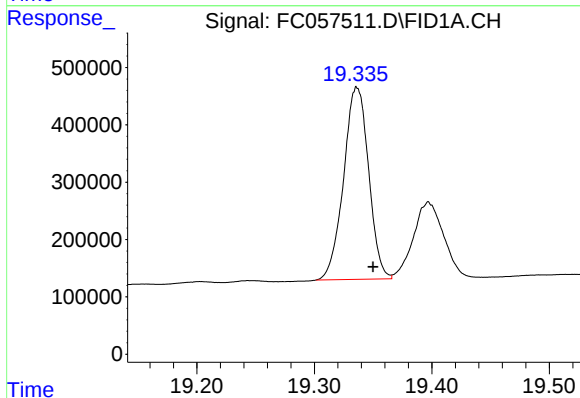
R.T.: 17.814 min
Delta R.T.: -0.012 min
Response: 6441749
Conc: 48.04 ug/ml



#19 n-Tetratriacontane (C34)

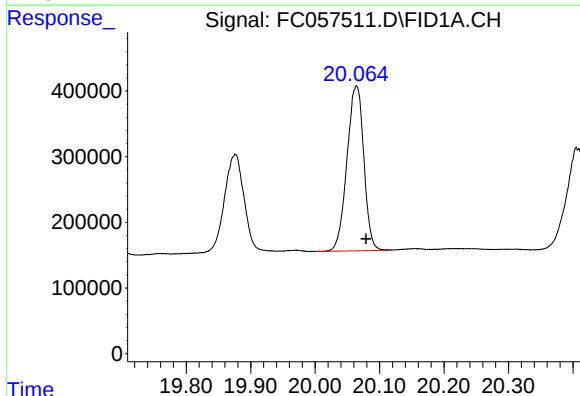
R.T.: 18.598 min
Delta R.T.: -0.012 min
Response: 5592506
Conc: 42.89 ug/ml

Instrument :
FID_C
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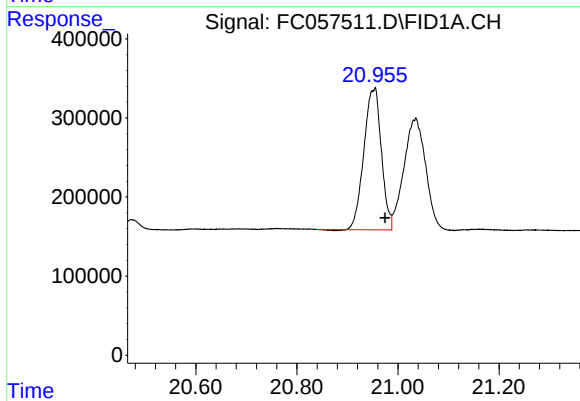
#20 n-Hexatriacontane (C36)

R.T.: 19.336 min
Delta R.T.: -0.014 min
Response: 4957386
Conc: 41.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.064 min
Delta R.T.: -0.015 min
Response: 4557612
Conc: 41.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.953 min
Delta R.T.: -0.022 min
Response: 4293005
Conc: 43.00 ug/ml