

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058426.D
 Signal(s) : FID1A.CH
 Acq On : 23 Feb 2022 14:25
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 23 16:12:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 16:04:31 2022
 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)	11.399	6828837	48.683 ug/ml
Spiked Amount 50.000		Recovery =	97.37%
12) S 1-chlorooctadecane (S...	12.831	5332834	48.757 ug/ml
Spiked Amount 50.000		Recovery =	97.51%
Target Compounds			
1) T n-Nonane (C9)	3.250	5715425	48.803 ug/ml
2) T n-Decane (C10)	4.299	5672690	48.691 ug/ml
3) T A~Naphthalene (C11.7)	5.858	6388330	48.985 ug/ml
4) T n-Dodecane (C12)	6.294	5867117	48.849 ug/ml
5) T A~2-methylnaphthalene...	6.903	6483443	48.969 ug/ml
6) T n-Tetradecane (C14)	8.073	5969578	48.733 ug/ml
7) T n-Hexadecane (C16)	9.661	6105693	48.763 ug/ml
8) T n-Octadecane (C18)	11.092	6196040	48.701 ug/ml
10) T n-Eicosane (C20)	12.392	6139884	48.643 ug/ml
11) T n-Heneicosane (C21)	13.000	6149303	48.656 ug/ml
13) T n-Docosane (C22)	13.583	6101645	48.679 ug/ml
14) T n-Tetracosane (C24)	14.679	6004216	48.627 ug/ml
15) T n-Hexacosane (C26)	15.694	5797768	48.675 ug/ml
16) T n-Octacosane (C28)	16.639	5585269	48.776 ug/ml
17) T n-Tricontane (C30)	17.522	5283243	48.824 ug/ml
18) T n-Dotriacontane (C32)	18.350	4863839	48.747 ug/ml
19) T n-Tetratriacontane (C34)	19.131	4578368	49.138 ug/ml
20) T n-Hexatriacontane (C36)	19.868	4258457	49.136 ug/ml
21) T n-Octatriacontane (C38)	20.573	4100135	49.033 ug/ml
22) T n-Tetracontane (C40)	21.401	4095312	49.171 ug/ml

(f)=RT Delta > 1/2 Window

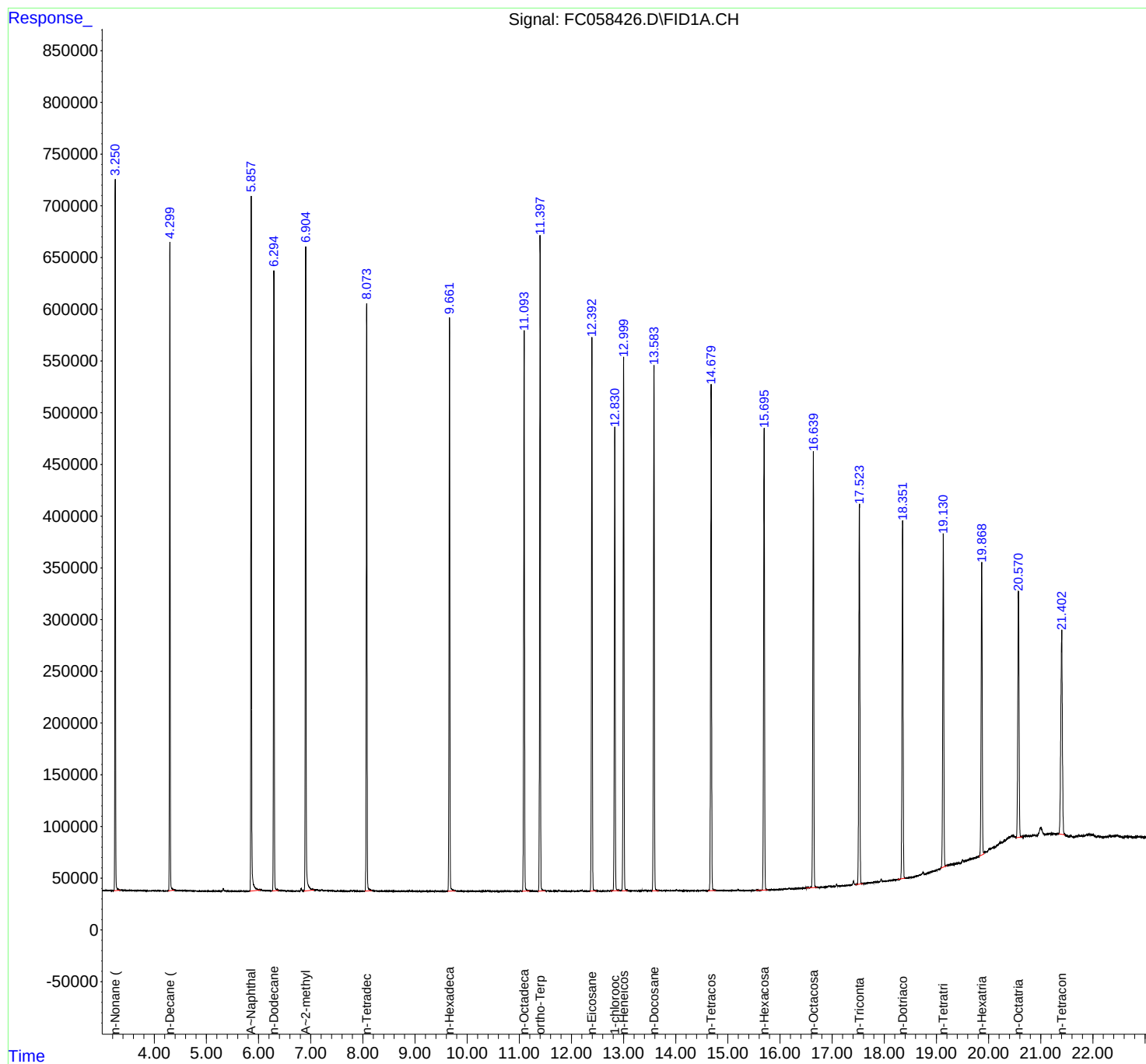
(m)=manual int.

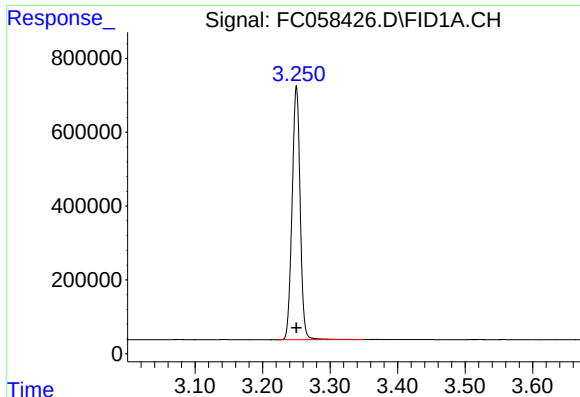
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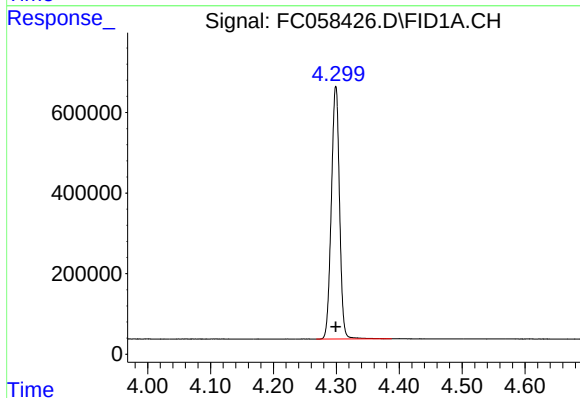




#1 n-Nonane (C9)

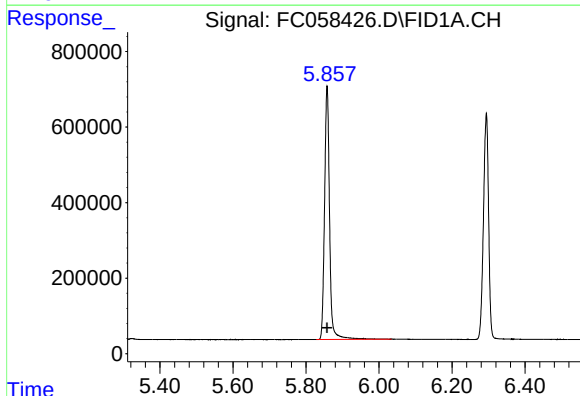
R.T.: 3.250 min
Delta R.T.: 0.000 min
Response: 5715425
Conc: 48.80 ug/ml

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FID_C
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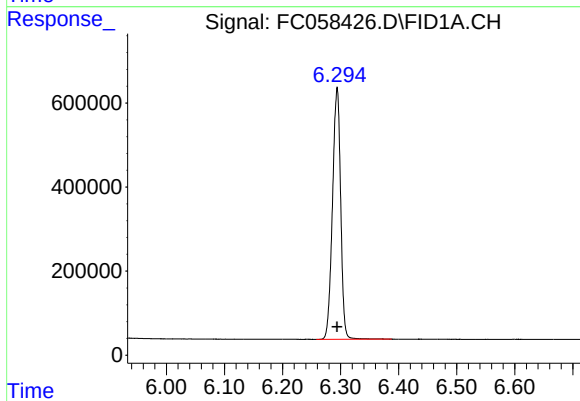
#2 n-Decane (C10)

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 5672690
Conc: 48.69 ug/ml



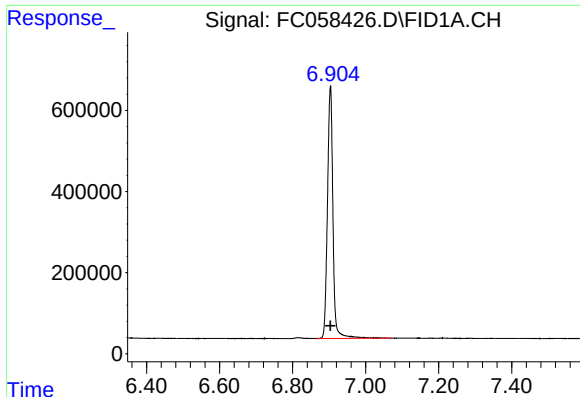
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 6388330
Conc: 48.98 ug/ml



#4 n-Dodecane (C12)

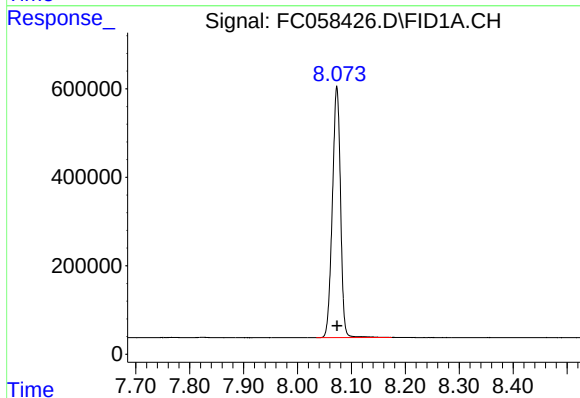
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 5867117
Conc: 48.85 ug/ml



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

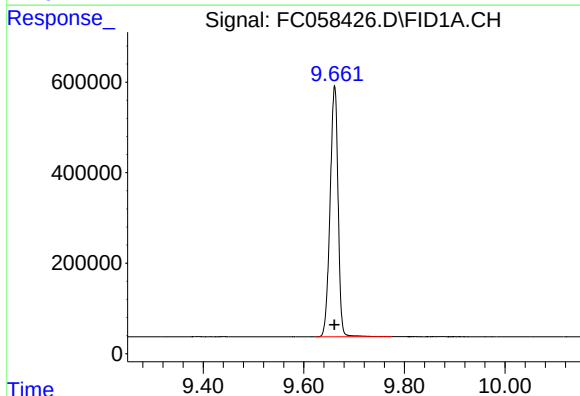
R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 6483443
Conc: 48.97 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



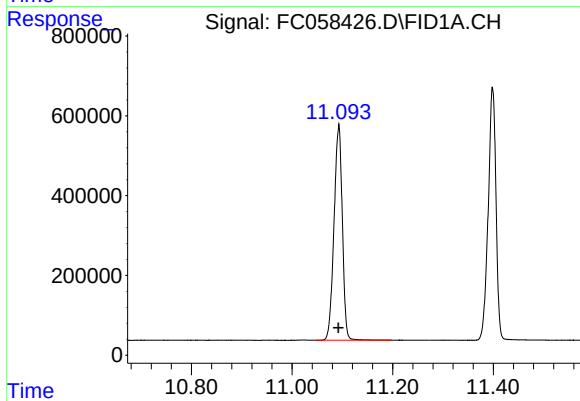
#6 n-Tetradecane (C14)

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 5969578
Conc: 48.73 ug/ml



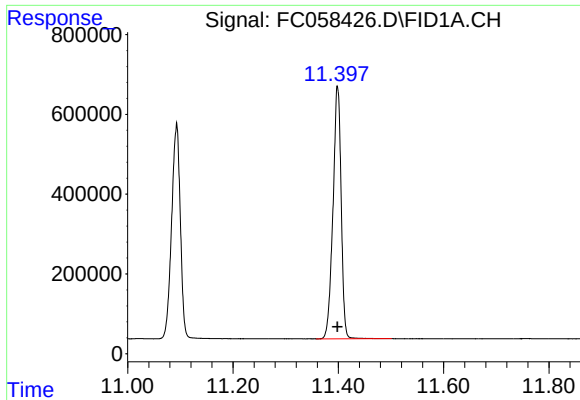
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.000 min
Response: 6105693
Conc: 48.76 ug/ml



#8 n-Octadecane (C18)

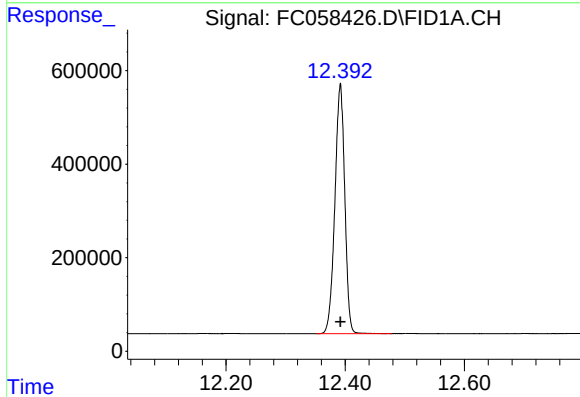
R.T.: 11.092 min
Delta R.T.: 0.000 min
Response: 6196040
Conc: 48.70 ug/ml



#9 ortho-Terphenyl (SURR)

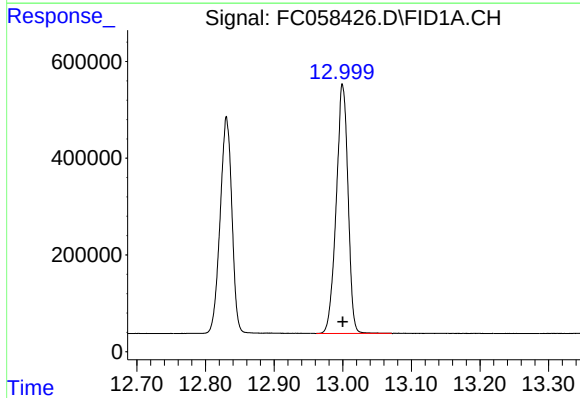
R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 6828837
Conc: 48.68 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



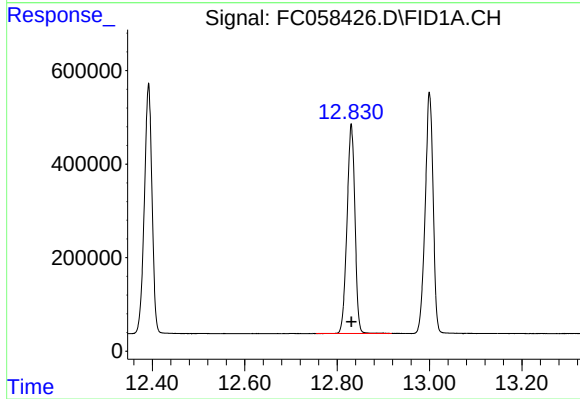
#10 n-Eicosane (C20)

R.T.: 12.392 min
Delta R.T.: 0.000 min
Response: 6139884
Conc: 48.64 ug/ml



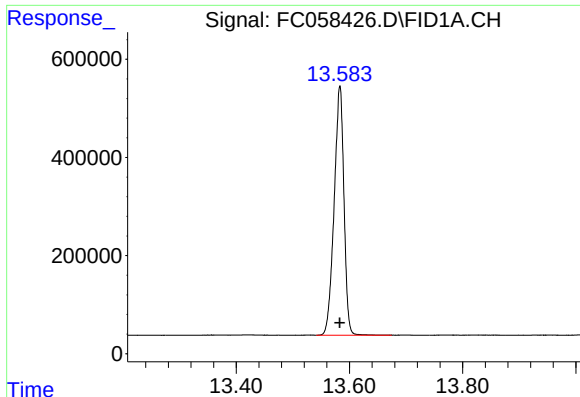
#11 n-Heneicosane (C21)

R.T.: 13.000 min
Delta R.T.: 0.000 min
Response: 6149303
Conc: 48.66 ug/ml



#12 1-chlorooctadecane (SURR)

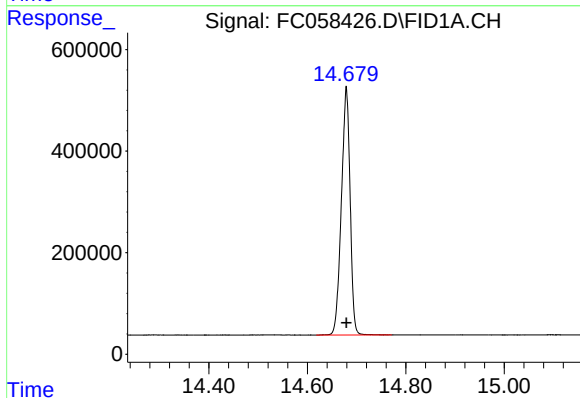
R.T.: 12.831 min
Delta R.T.: 0.000 min
Response: 5332834
Conc: 48.76 ug/ml



#13 n-Docosane (C22)

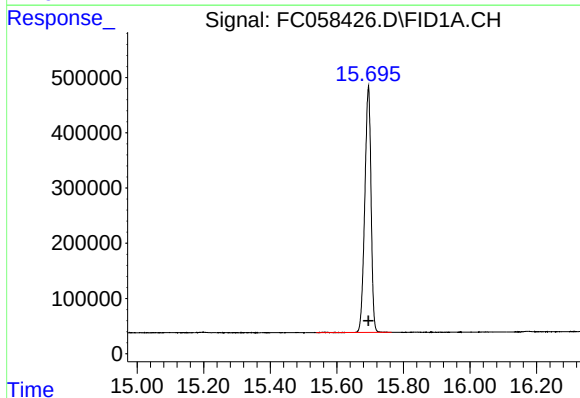
R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 6101645
Conc: 48.68 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



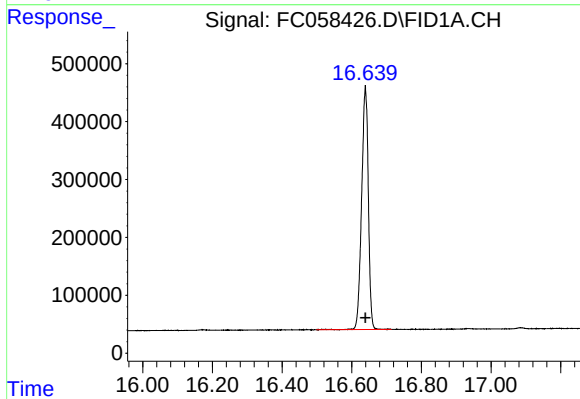
#14 n-Tetracosane (C24)

R.T.: 14.679 min
Delta R.T.: 0.000 min
Response: 6004216
Conc: 48.63 ug/ml



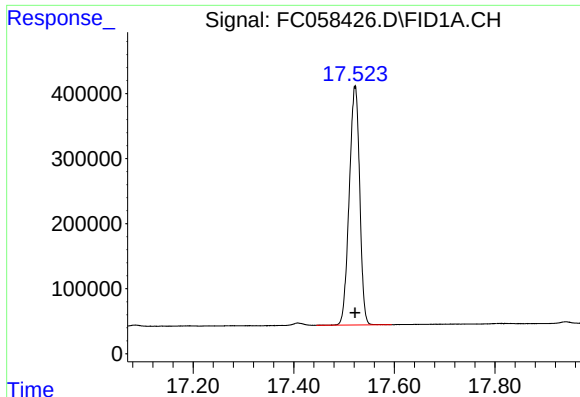
#15 n-Hexacosane (C26)

R.T.: 15.694 min
Delta R.T.: 0.000 min
Response: 5797768
Conc: 48.68 ug/ml



#16 n-Octacosane (C28)

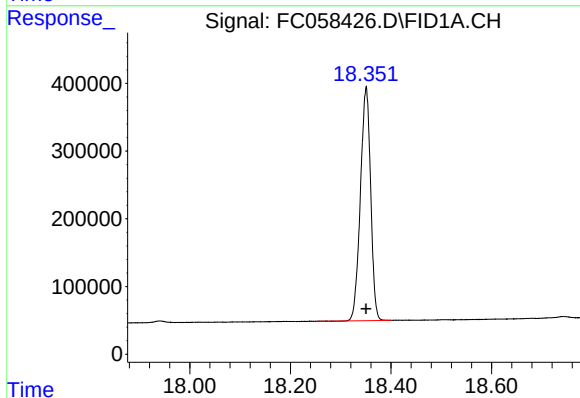
R.T.: 16.639 min
Delta R.T.: 0.000 min
Response: 5585269
Conc: 48.78 ug/ml



#17 n-Tricontane (C30)

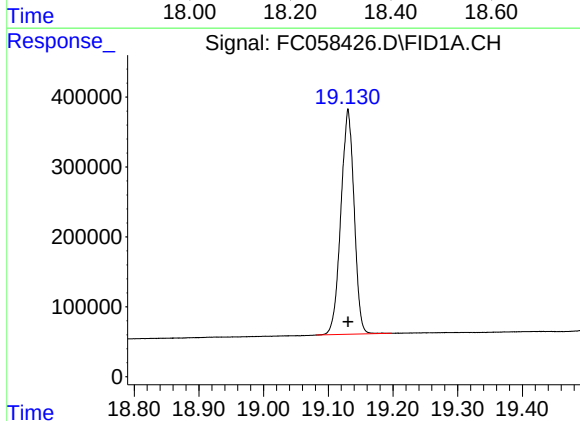
R.T.: 17.522 min
Delta R.T.: 0.000 min
Response: 5283243
Conc: 48.82 ug/ml

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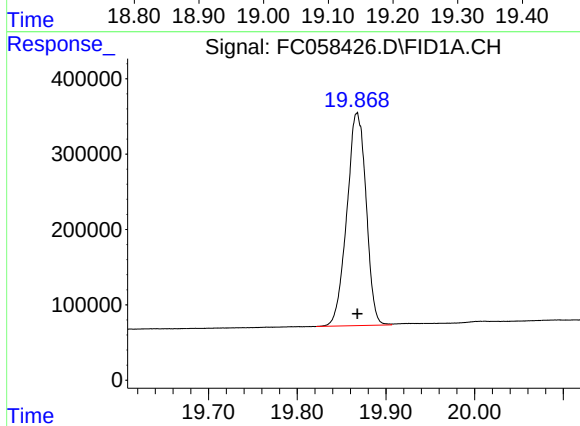
#18 n-Dotriacontane (C32)

R.T.: 18.350 min
Delta R.T.: 0.000 min
Response: 4863839
Conc: 48.75 ug/ml



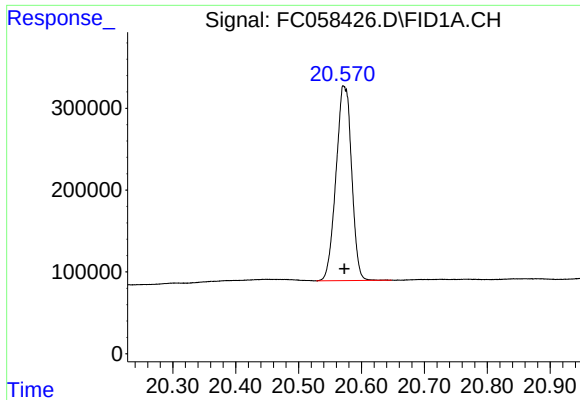
#19 n-Tetratriacontane (C34)

R.T.: 19.131 min
Delta R.T.: 0.000 min
Response: 4578368
Conc: 49.14 ug/ml



#20 n-Hexatriacontane (C36)

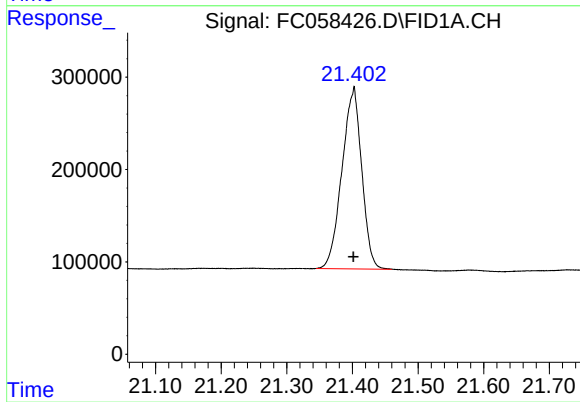
R.T.: 19.868 min
Delta R.T.: 0.000 min
Response: 4258457
Conc: 49.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.573 min
Delta R.T.: 0.000 min
Response: 4100135
Conc: 49.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.401 min
Delta R.T.: 0.000 min
Response: 4095312
Conc: 49.17 ug/ml