

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103023AL\
 Data File : FC064958.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2023 18:15
 Operator : YP/AJ
 Sample : 05138-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 348-E2MSD

Integration File: autoint1.e
 Quant Time: Oct 30 23:43:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.525	6540099	29.716 ug/ml
Spiked Amount 50.000		Recovery =	59.43%
12) S 1-chlorooctadecane (S...	12.957	5030554	31.822 ug/ml
Spiked Amount 50.000		Recovery =	63.64%
Target Compounds			
1) T n-Nonane (C9)	3.329	7306972	38.648 ug/ml
2) T n-Decane (C10)	4.388	8335495	43.838 ug/ml
3) T A~Naphthalene (C11.7)	5.965	9326566	48.305 ug/ml
4) T n-Dodecane (C12)	6.396	9123537	47.230 ug/ml
5) T A~2-methylnaphthalene...	7.019	9327235	50.757 ug/ml
6) T n-Tetradecane (C14)	8.185	9623770	51.003 ug/ml
7) T n-Hexadecane (C16)	9.779	10093733	53.399 ug/ml
8) T n-Octadecane (C18)	11.214	10238346	54.249 ug/ml
10) T n-Eicosane (C20)	12.518	10053875	55.923 ug/ml
11) T n-Heneicosane (C21)	13.125	9544480	54.363 ug/ml
13) T n-Docosane (C22)	13.709	9335810	54.350 ug/ml
14) T n-Tetracosane (C24)	14.801	17322739	104.005 ug/ml
15) T n-Hexacosane (C26)	15.826	8577148	53.437 ug/ml
16) T n-Octacosane (C28)	16.770	8334899	53.258 ug/ml
17) T n-Tricontane (C30)	17.656	8147313	51.437 ug/ml
18) T n-Dotriacontane (C32)	18.481	7925098	50.192 ug/ml
19) T n-Tetratriacontane (C34)	19.262	7825136	51.265 ug/ml
20) T n-Hexatriacontane (C36)	20.000	7589328	50.300 ug/ml
21) T n-Octatriacontane (C38)	20.722	7659688	51.471 ug/ml
22) T n-Tetracontane (C40)	21.607	7567955	51.455 ug/ml

(f)=RT Delta > 1/2 Window

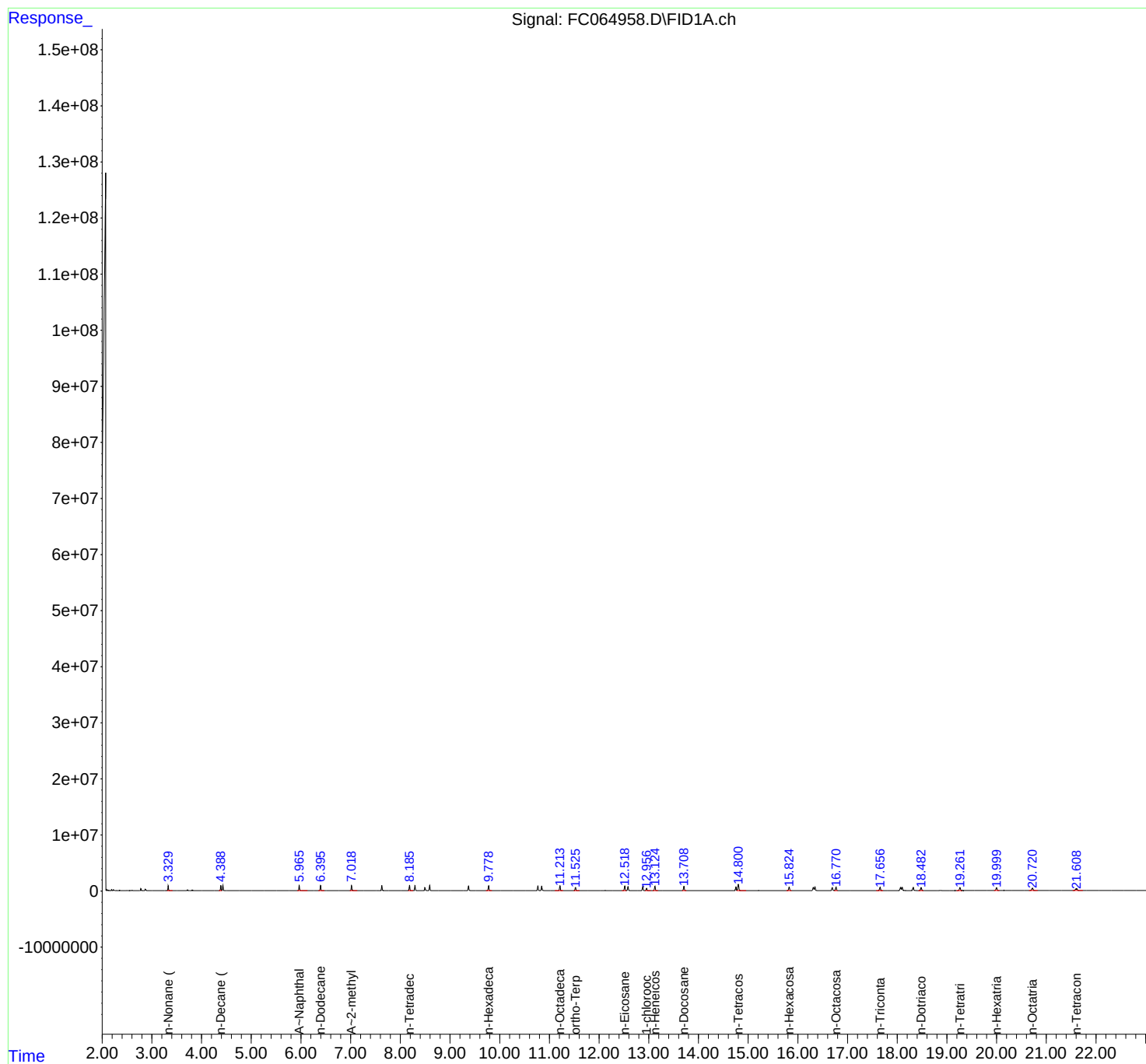
(m)=manual int.

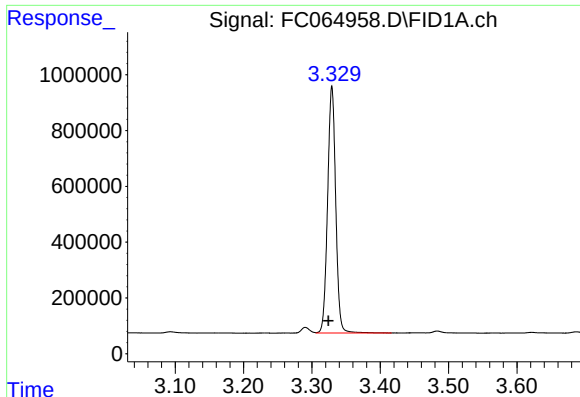
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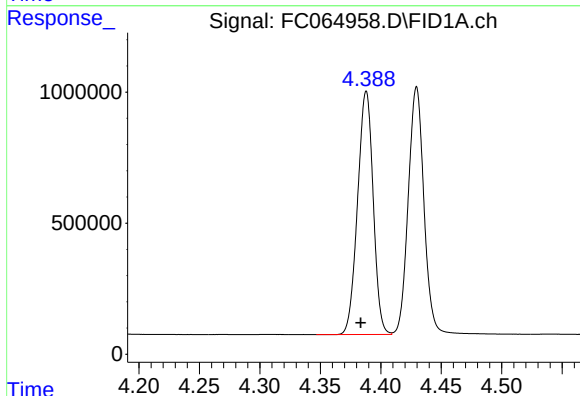




#1 n-Nonane (C9)

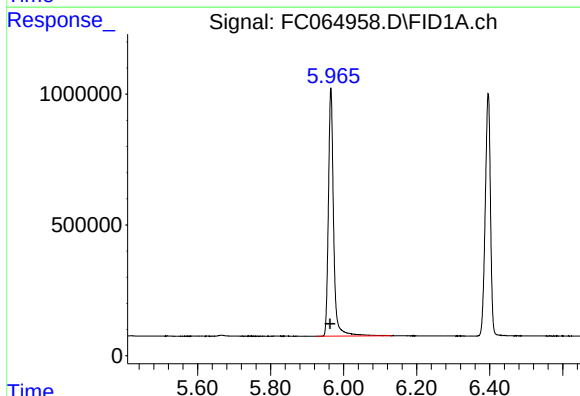
R.T.: 3.329 min
Delta R.T.: 0.005 min
Response: 7306972
Conc: 38.65 ug/ml

Instrument :
FID_C
ClientSampleId :
348-E2MSD



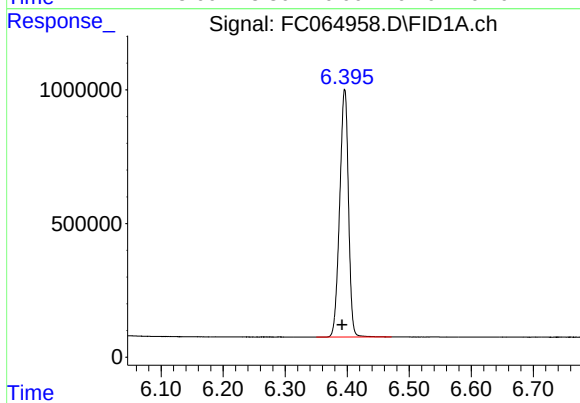
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.005 min
Response: 8335495
Conc: 43.84 ug/ml



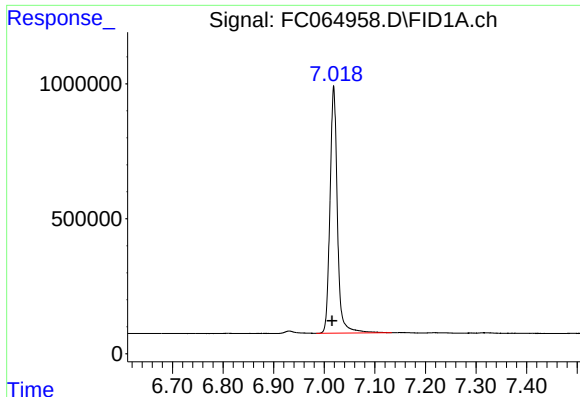
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 9326566
Conc: 48.31 ug/ml



#4 n-Dodecane (C12)

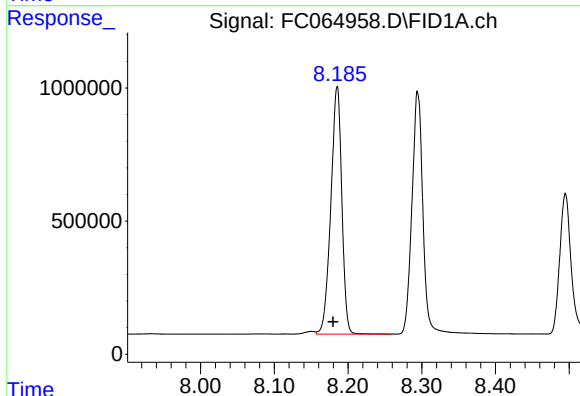
R.T.: 6.396 min
Delta R.T.: 0.004 min
Response: 9123537
Conc: 47.23 ug/ml



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

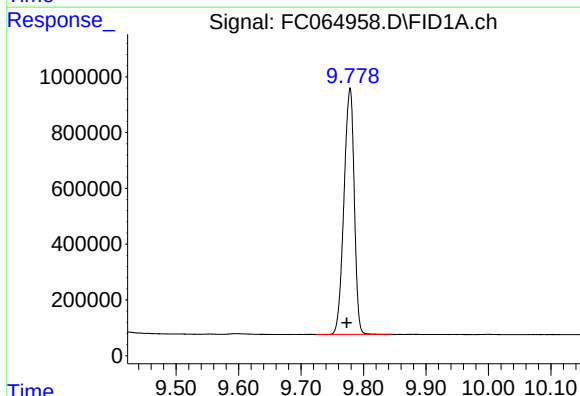
R.T.: 7.019 min
Delta R.T.: 0.003 min
Response: 9327235
Conc: 50.76 ug/ml

Instrument :
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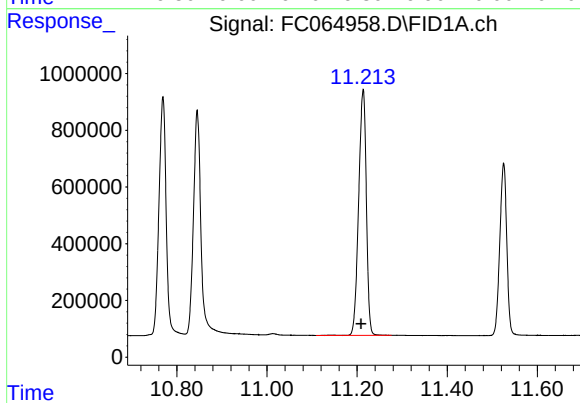
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.006 min
Response: 9623770
Conc: 51.00 ug/ml



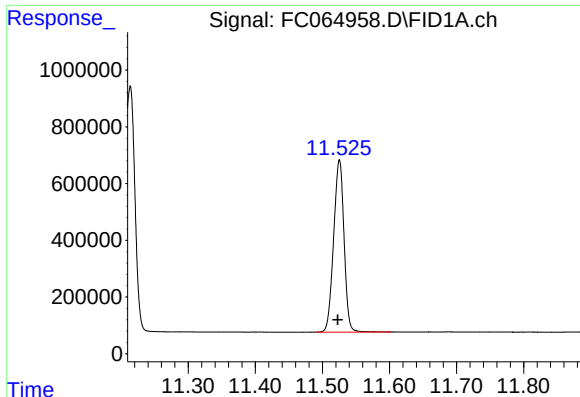
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.005 min
Response: 10093733
Conc: 53.40 ug/ml



#8 n-Octadecane (C18)

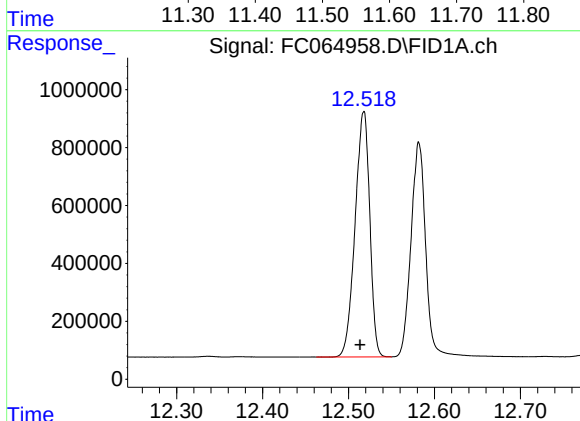
R.T.: 11.214 min
Delta R.T.: 0.005 min
Response: 10238346
Conc: 54.25 ug/ml



#9 ortho-Terphenyl (SURR)

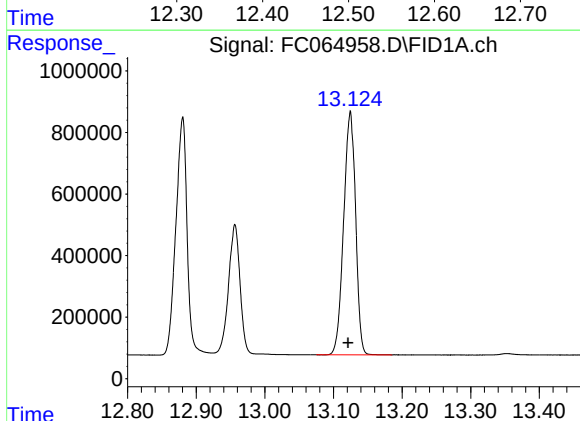
R.T.: 11.525 min
Delta R.T.: 0.003 min
Response: 6540099
Conc: 29.72 ug/ml

Instrument :
FID_C
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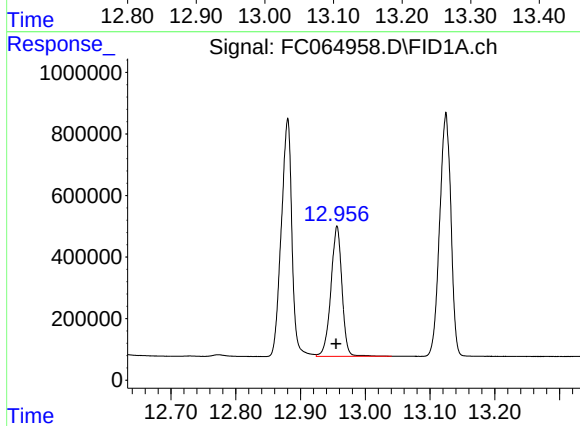
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.004 min
Response: 10053875
Conc: 55.92 ug/ml



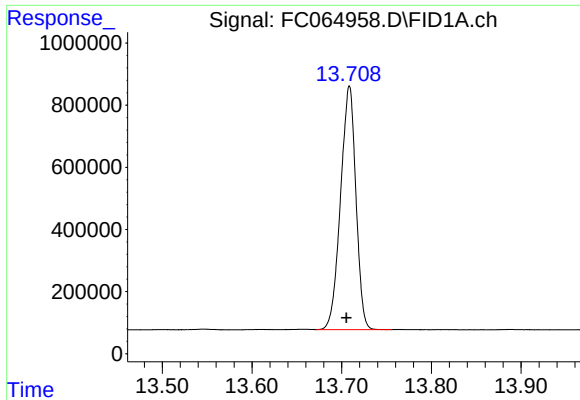
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: 0.003 min
Response: 9544480
Conc: 54.36 ug/ml



#12 1-chlorooctadecane (SURR)

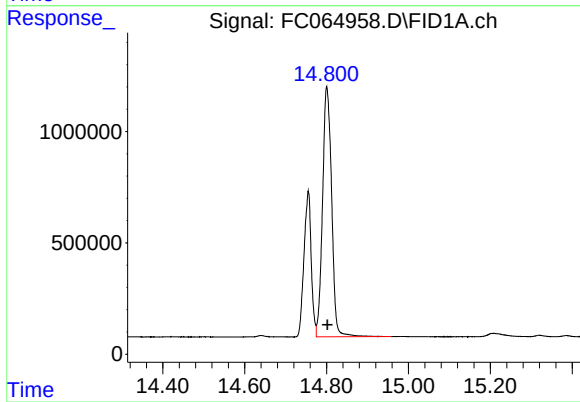
R.T.: 12.957 min
Delta R.T.: 0.002 min
Response: 5030554
Conc: 31.82 ug/ml



#13 n-Docosane (C22)

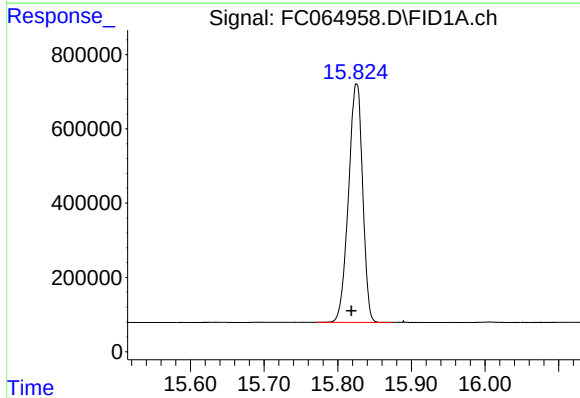
R.T.: 13.709 min
Delta R.T.: 0.003 min
Response: 9335810
Conc: 54.35 ug/ml

Instrument :
FID_C
ClientSampleId :
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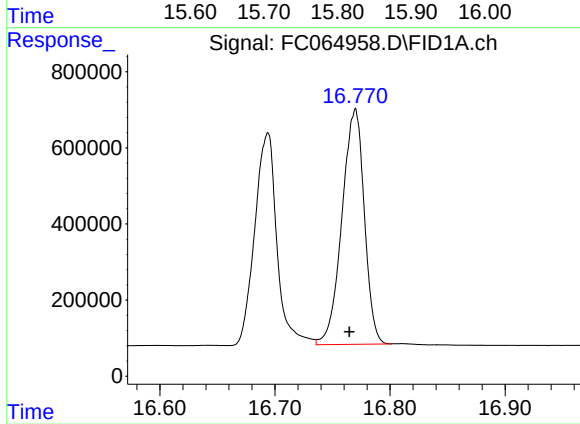
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 17322739
Conc: 104.01 ug/ml



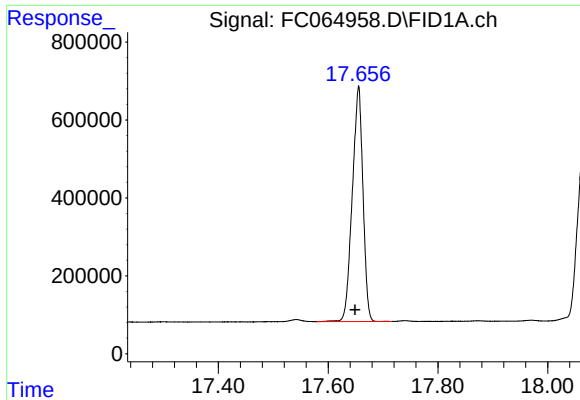
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: 0.007 min
Response: 8577148
Conc: 53.44 ug/ml



#16 n-Octacosane (C28)

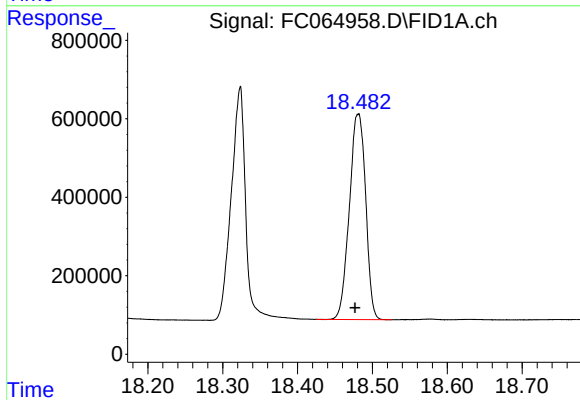
R.T.: 16.770 min
Delta R.T.: 0.005 min
Response: 8334899
Conc: 53.26 ug/ml



#17 n-Tricontane (C30)

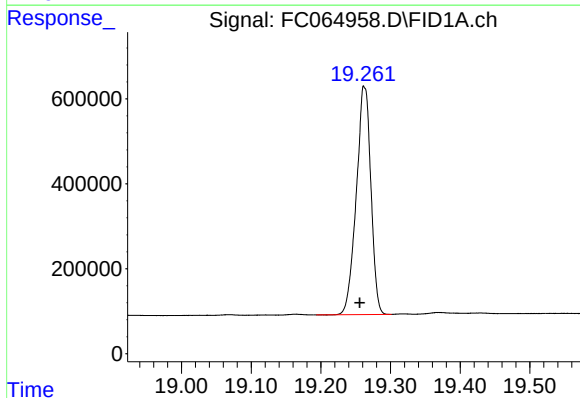
R.T.: 17.656 min
Delta R.T.: 0.006 min
Response: 8147313
Conc: 51.44 ug/ml

Instrument :
FID_C
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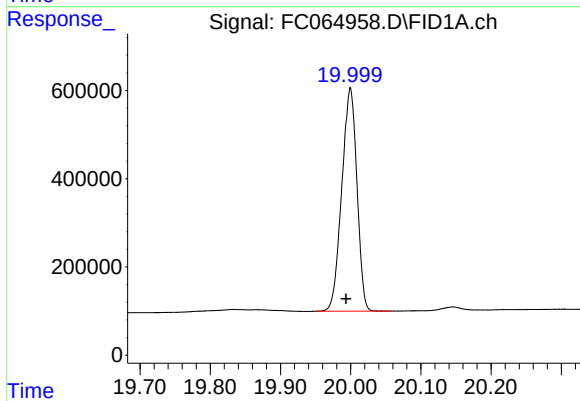
#18 n-Dotriacontane (C32)

R.T.: 18.481 min
Delta R.T.: 0.004 min
Response: 7925098
Conc: 50.19 ug/ml



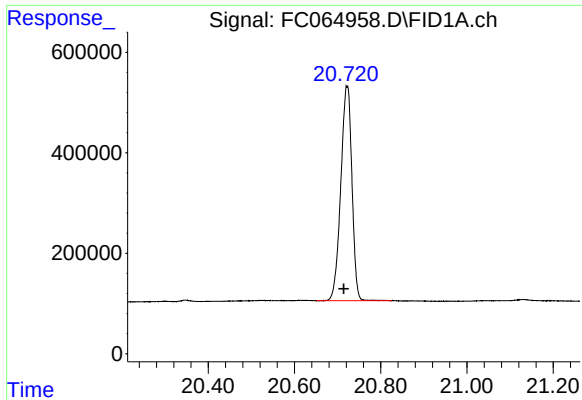
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: 0.007 min
Response: 7825136
Conc: 51.27 ug/ml



#20 n-Hexatriacontane (C36)

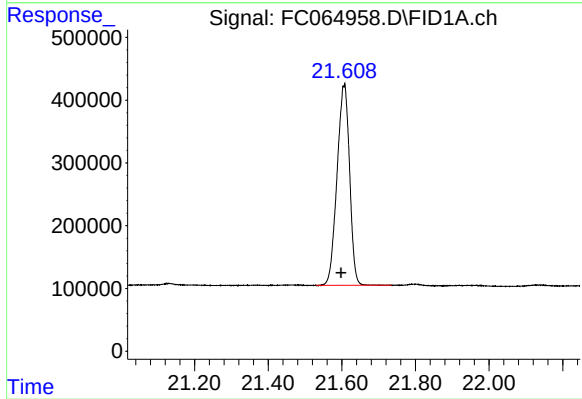
R.T.: 20.000 min
Delta R.T.: 0.006 min
Response: 7589328
Conc: 50.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.008 min
Response: 7659688
Conc: 51.47 ug/ml

Instrument :
FID_C
ClientSampleId :
348-E2MSD



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: 0.009 min
Response: 7567955
Conc: 51.45 ug/ml