

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071922AL\
 Data File : FC060794.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2022 19:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 20 01:57:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.636	3026860	16.517 ug/ml
Spiked Amount 50.000		Recovery =	33.03%
12) S 1-chlorooctadecane (S...	12.002	2460981	16.697 ug/ml
Spiked Amount 50.000		Recovery =	33.39%
Target Compounds			
1) T n-Nonane (C9)	2.618	2797956	18.240 ug/ml
2) T n-Decane (C10)	3.617	2851691	18.673 ug/ml
3) T A~Naphthalene (C11.7)	5.160	2979321	17.820 ug/ml
4) T n-Dodecane (C12)	5.568	2928565	18.121 ug/ml
5) T A~2-methylnaphthalene...	6.185	2931446	17.245 ug/ml
6) T n-Tetradecane (C14)	7.319	2934073	17.761 ug/ml
7) T n-Hexadecane (C16)	8.880	2930703	17.341 ug/ml
8) T n-Octadecane (C18)	10.289	2902829	16.873 ug/ml
10) T n-Eicosane (C20)	11.567	2834360	16.607 ug/ml
11) T n-Heneicosane (C21)	12.164	2785250	16.336 ug/ml
13) T n-Docosane (C22)	12.737	2720912	15.962 ug/ml
14) T n-Tetracosane (C24)	13.812	2606080	15.522 ug/ml
15) T n-Hexacosane (C26)	14.810	2489231	15.148 ug/ml
16) T n-Octacosane (C28)	15.737	2420328	15.253 ug/ml
17) T n-Tricontane (C30)	16.603	2428340	15.953 ug/ml
18) T n-Dotriacontane (C32)	17.416	2431396	16.726 ug/ml
19) T n-Tetratriacontane (C34)	18.179	2324984	18.305 ug/ml
20) T n-Hexatriacontane (C36)	18.900	2305868	20.546 ug/ml
21) T n-Octatriacontane (C38)	19.582	2225430	20.330 ug/ml
22) T n-Tetracontane (C40)	20.231	2150443	19.041 ug/ml

(f)=RT Delta > 1/2 Window

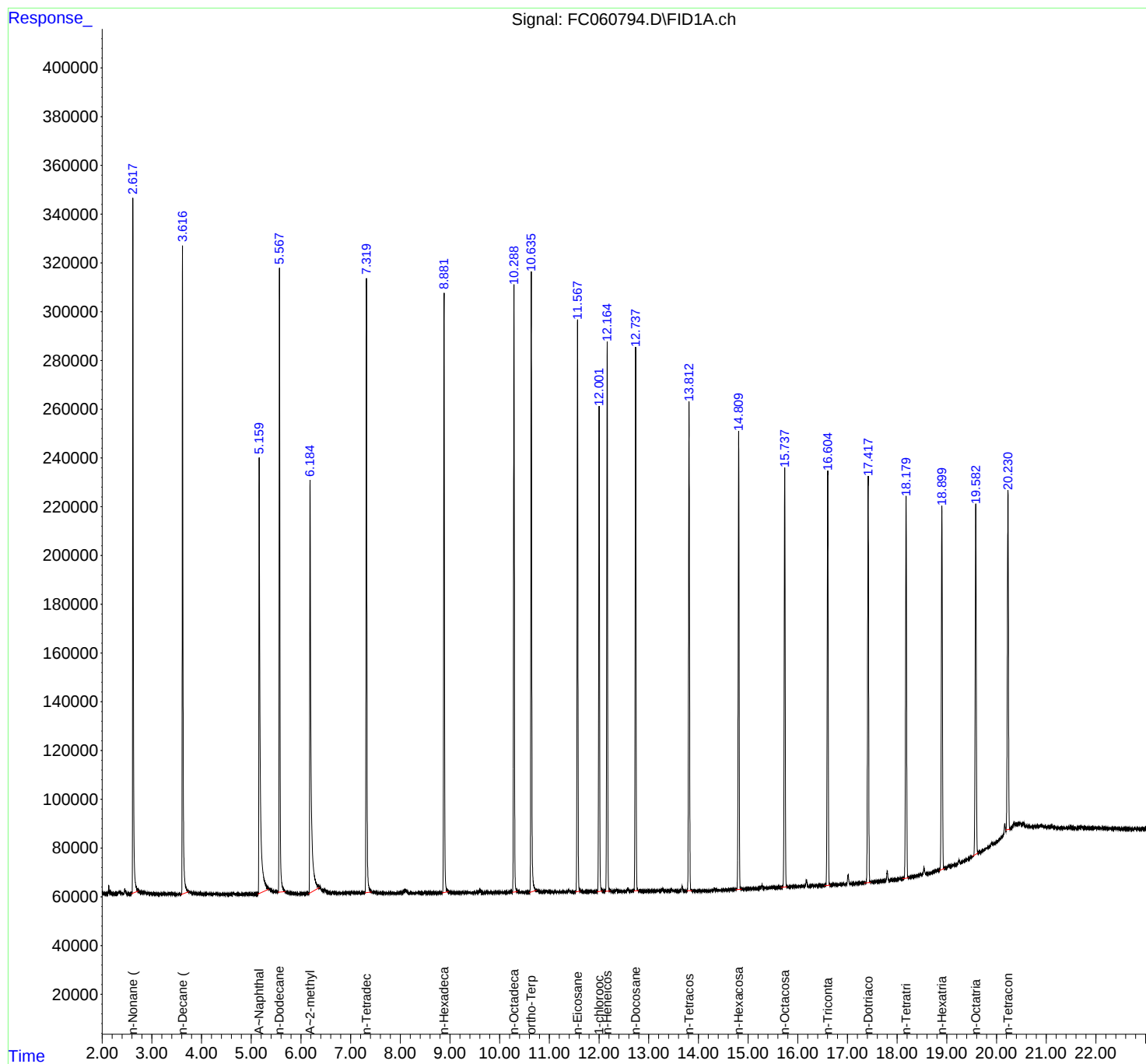
(m)=manual int.

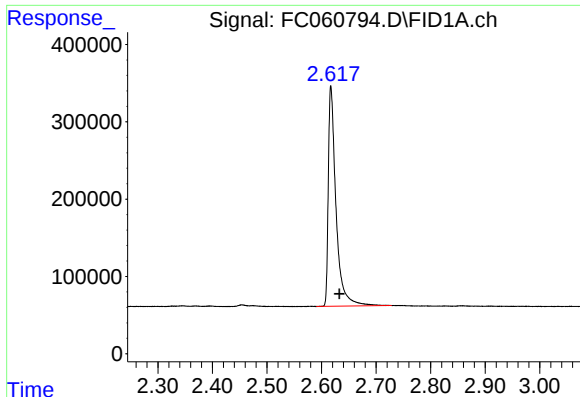
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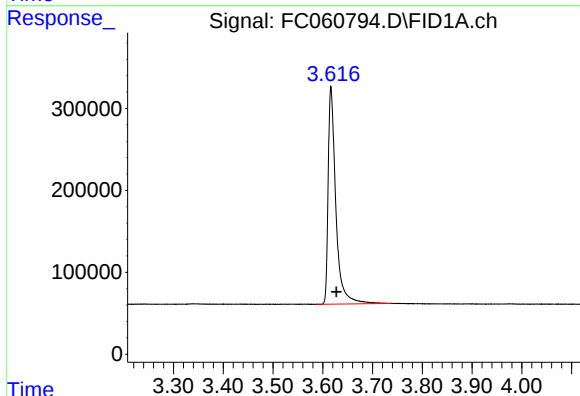




#1 n-Nonane (C9)

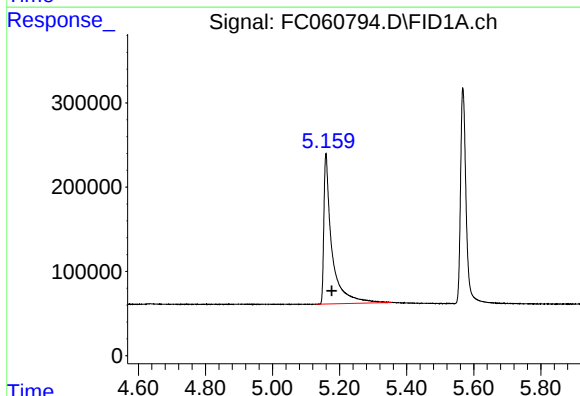
R.T.: 2.618 min
Delta R.T.: -0.015 min
Response: 2797956
Conc: 18.24 ug/ml

Instrument :
FID_C
ClientSampleId :



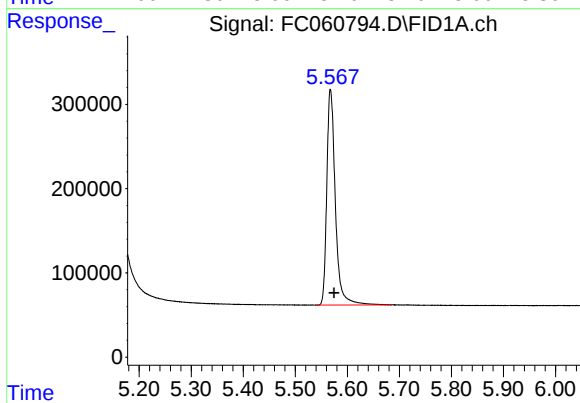
#2 n-Decane (C10)

R.T.: 3.617 min
Delta R.T.: -0.010 min
Response: 2851691
Conc: 18.67 ug/ml



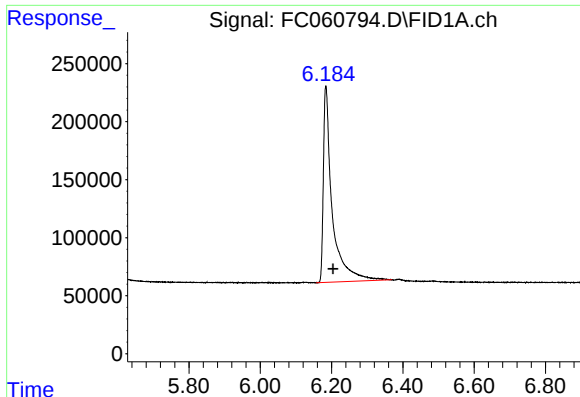
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.017 min
Response: 2979321
Conc: 17.82 ug/ml



#4 n-Dodecane (C12)

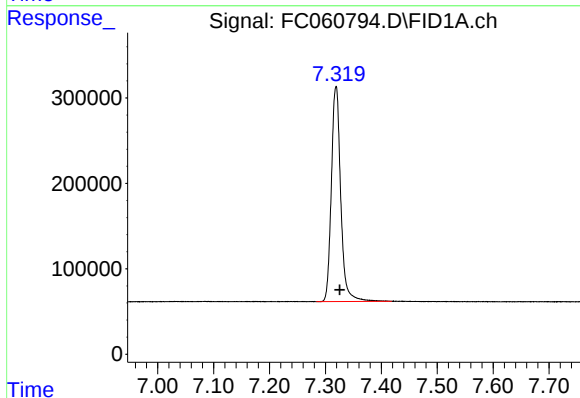
R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 2928565
Conc: 18.12 ug/ml



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

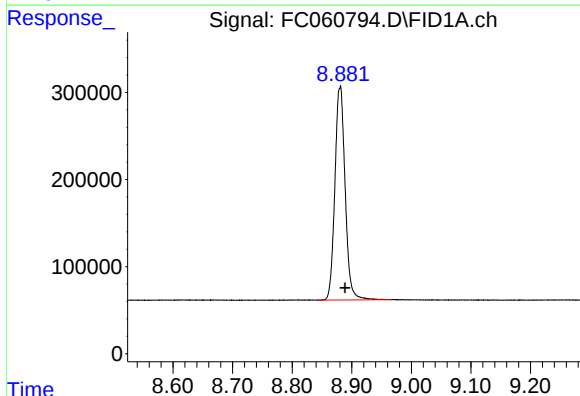
R.T.: 6.185 min
Delta R.T.: -0.019 min
Response: 2931446
Conc: 17.24 ug/ml

Instrument :
FID_C
ClientSampleId :



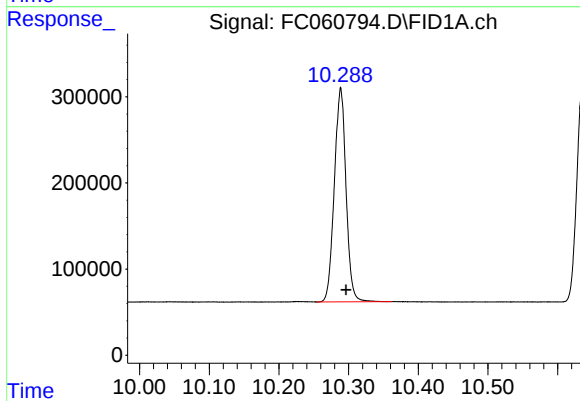
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.007 min
Response: 2934073
Conc: 17.76 ug/ml



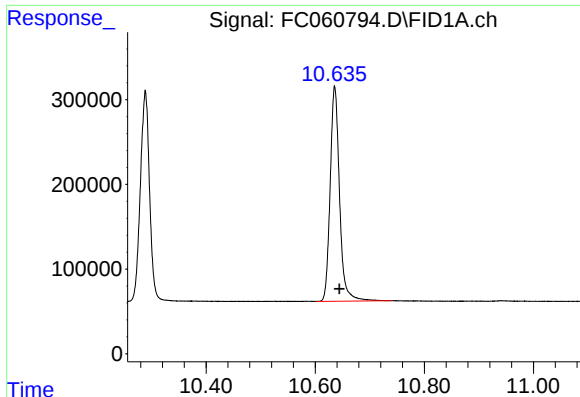
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.008 min
Response: 2930703
Conc: 17.34 ug/ml



#8 n-Octadecane (C18)

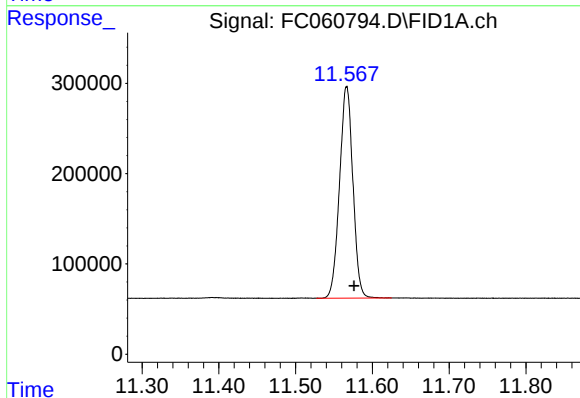
R.T.: 10.289 min
Delta R.T.: -0.008 min
Response: 2902829
Conc: 16.87 ug/ml



#9 ortho-Terphenyl (SURR)

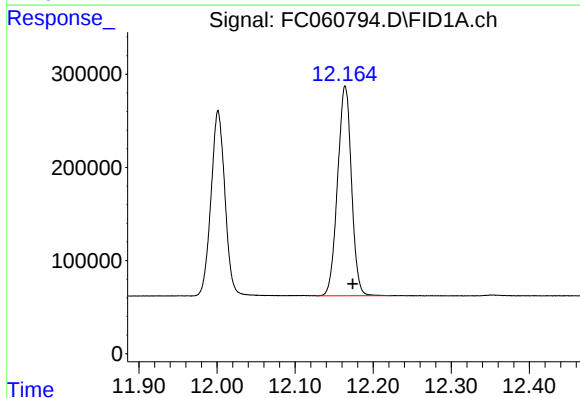
R.T.: 10.636 min
Delta R.T.: -0.009 min
Response: 3026860
Conc: 16.52 ug/ml

Instrument :
FID_C
ClientSampleId :



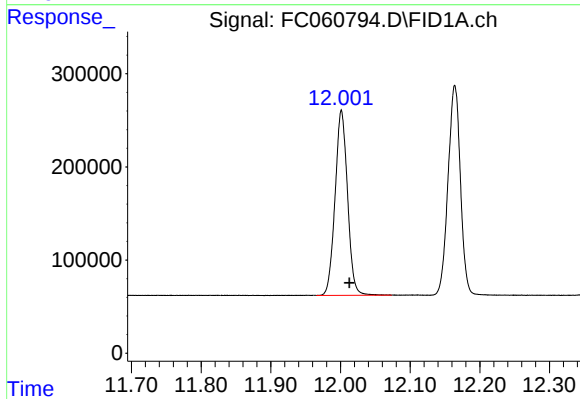
#10 n-Eicosane (C20)

R.T.: 11.567 min
Delta R.T.: -0.010 min
Response: 2834360
Conc: 16.61 ug/ml



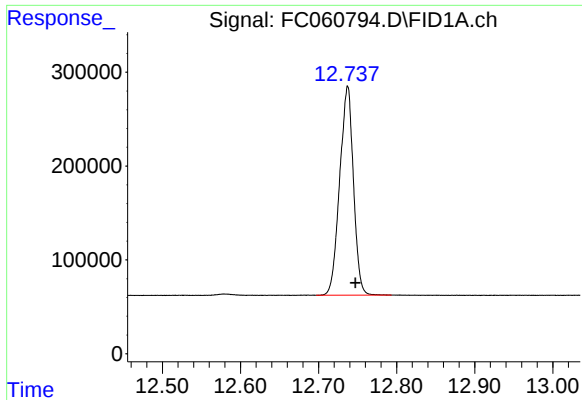
#11 n-Heneicosane (C21)

R.T.: 12.164 min
Delta R.T.: -0.010 min
Response: 2785250
Conc: 16.34 ug/ml



#12 1-chlorooctadecane (SURR)

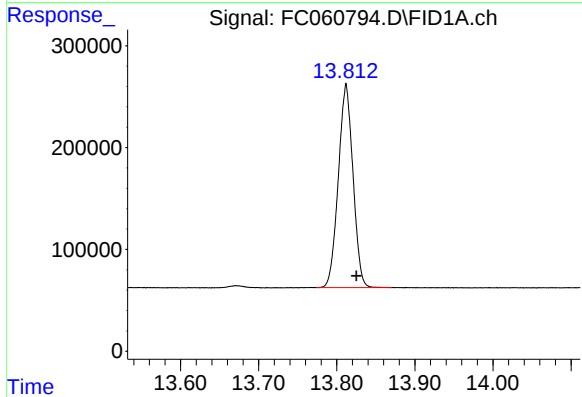
R.T.: 12.002 min
Delta R.T.: -0.011 min
Response: 2460981
Conc: 16.70 ug/ml



#13 n-Docosane (C22)

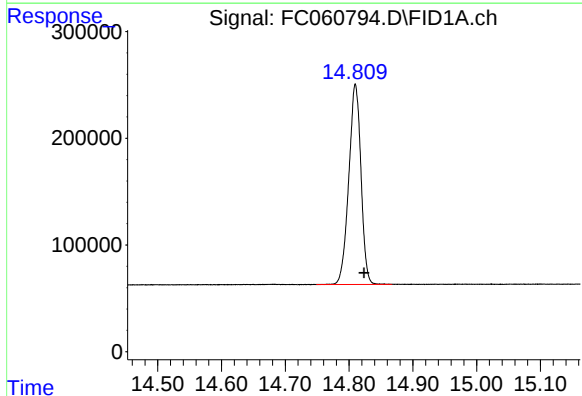
R.T.: 12.737 min
Delta R.T.: -0.010 min
Response: 2720912
Conc: 15.96 ug/ml

Instrument :
FID_C
ClientSampleId :



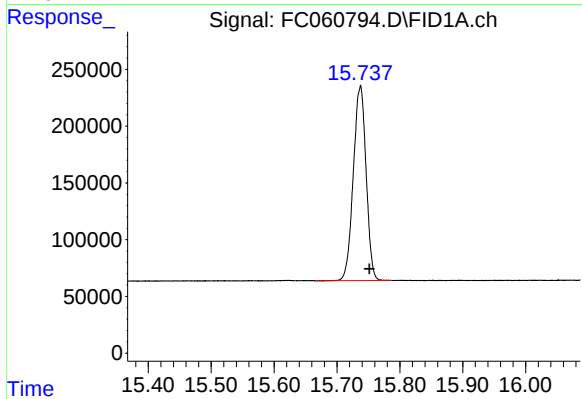
#14 n-Tetracosane (C24)

R.T.: 13.812 min
Delta R.T.: -0.013 min
Response: 2606080
Conc: 15.52 ug/ml



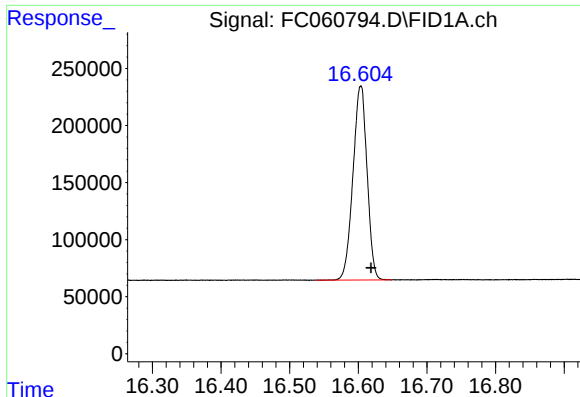
#15 n-Hexacosane (C26)

R.T.: 14.810 min
Delta R.T.: -0.013 min
Response: 2489231
Conc: 15.15 ug/ml



#16 n-Octacosane (C28)

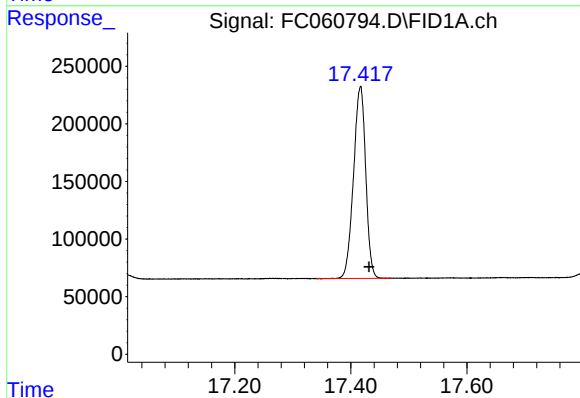
R.T.: 15.737 min
Delta R.T.: -0.015 min
Response: 2420328
Conc: 15.25 ug/ml



#17 n-Tricontane (C30)

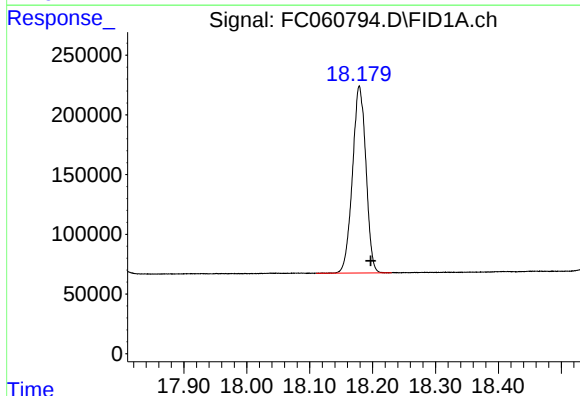
R.T.: 16.603 min
Delta R.T.: -0.015 min
Response: 2428340
Conc: 15.95 ug/ml

Instrument :
FID_C
ClientSampleId :



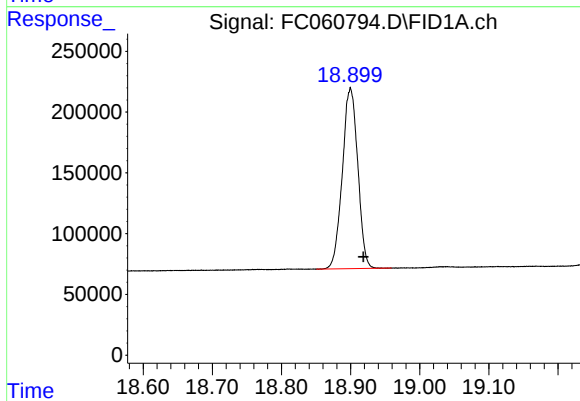
#18 n-Dotriacontane (C32)

R.T.: 17.416 min
Delta R.T.: -0.015 min
Response: 2431396
Conc: 16.73 ug/ml



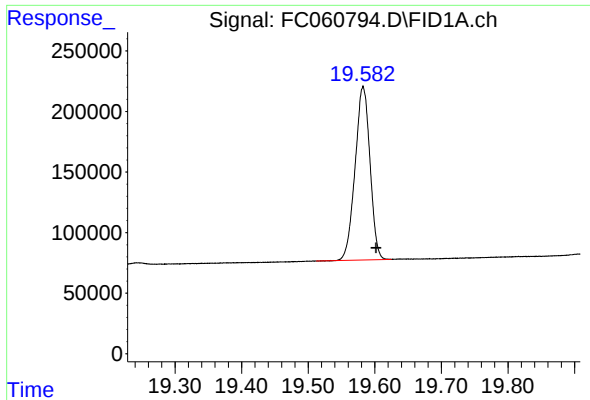
#19 n-Tetratriacontane (C34)

R.T.: 18.179 min
Delta R.T.: -0.018 min
Response: 2324984
Conc: 18.31 ug/ml



#20 n-Hexatriacontane (C36)

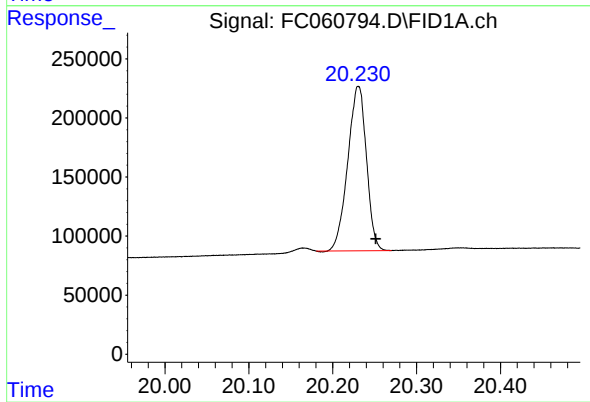
R.T.: 18.900 min
Delta R.T.: -0.019 min
Response: 2305868
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.582 min
Delta R.T.: -0.020 min
Response: 2225430
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.231 min
Delta R.T.: -0.021 min
Response: 2150443
Conc: 19.04 ug/ml