

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081822AL\
 Data File : FC061211.D
 Signal(s) : FID1A.ch
 Acq On : 19 Aug 2022 02:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 19 03:20:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.634	2888964	17.604 ug/ml
Spiked Amount 50.000		Recovery =	35.21%
12) S 1-chlorooctadecane (S...	11.995	2351616	17.714 ug/ml
Spiked Amount 50.000		Recovery =	35.43%
Target Compounds			
1) T n-Nonane (C9)	2.638	2558868	18.169 ug/ml
2) T n-Decane (C10)	3.631	2646505	18.761 ug/ml
3) T A~Naphthalene (C11.7)	5.189	2727093	19.185 ug/ml
4) T n-Dodecane (C12)	5.573	2806001	18.932 ug/ml
5) T A~2-methylnaphthalene...	6.217	2644726	19.283 ug/ml
6) T n-Tetradecane (C14)	7.319	2827052	18.830 ug/ml
7) T n-Hexadecane (C16)	8.877	2877838	18.805 ug/ml
8) T n-Octadecane (C18)	10.281	2903924	18.597 ug/ml
10) T n-Eicosane (C20)	11.557	2864258	18.252 ug/ml
11) T n-Heneicosane (C21)	12.154	2822946	18.042 ug/ml
13) T n-Docosane (C22)	12.724	2797207	17.940 ug/ml
14) T n-Tetracosane (C24)	13.800	2692562	17.637 ug/ml
15) T n-Hexacosane (C26)	14.795	2576703	17.262 ug/ml
16) T n-Octacosane (C28)	15.720	2525197	17.623 ug/ml
17) T n-Tricontane (C30)	16.585	2676883	19.120 ug/ml
18) T n-Dotriacontane (C32)	17.396	2769561	20.521 ug/ml
19) T n-Tetratriacontane (C34)	18.160	2682845	21.391 ug/ml
20) T n-Hexatriacontane (C36)	18.878	2655942	21.728 ug/ml
21) T n-Octatriacontane (C38)	19.560	2558581	21.678 ug/ml
22) T n-Tetracontane (C40)	20.206	2472814	21.485 ug/ml

(f)=RT Delta > 1/2 Window

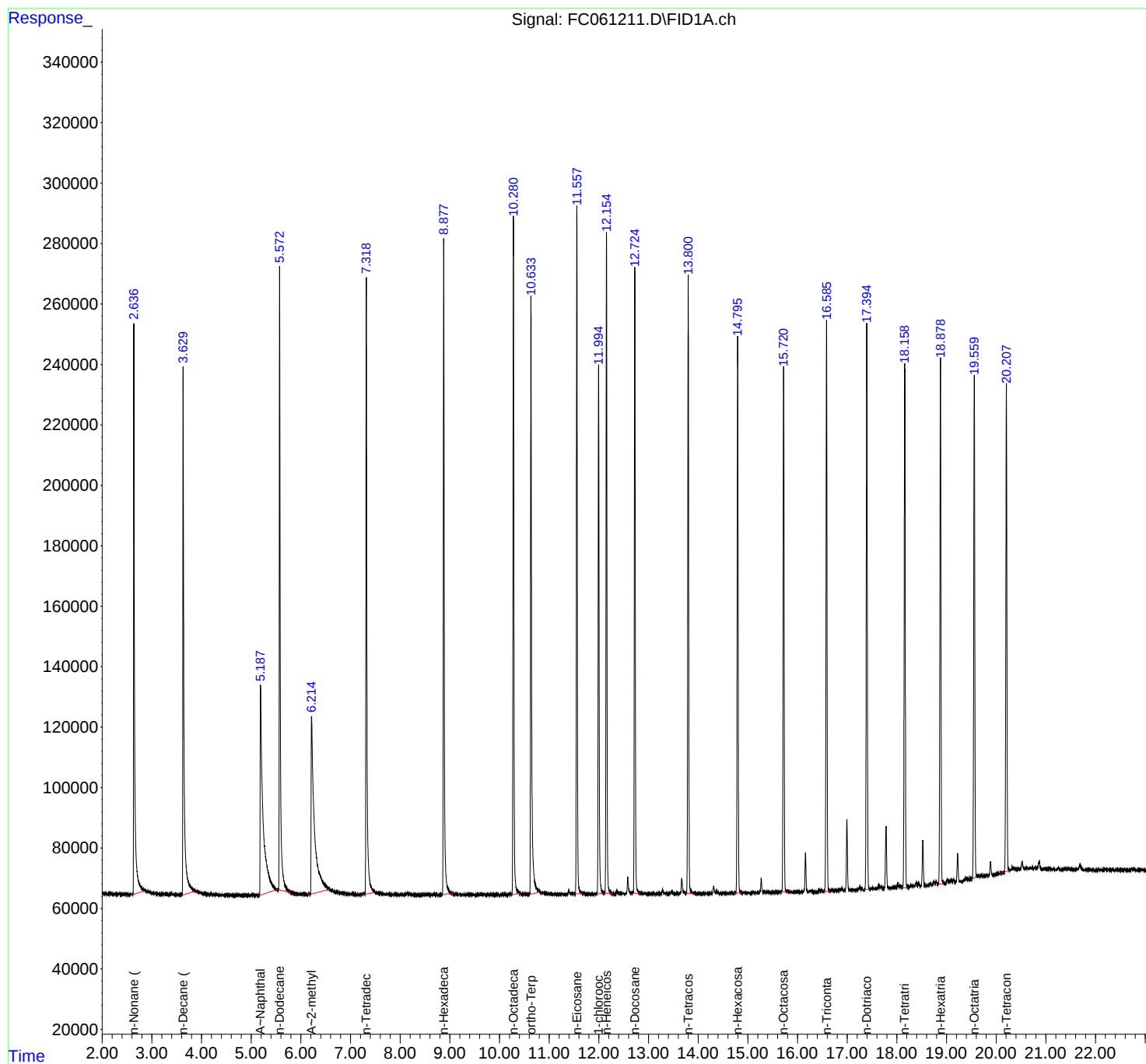
(m)=manual int.

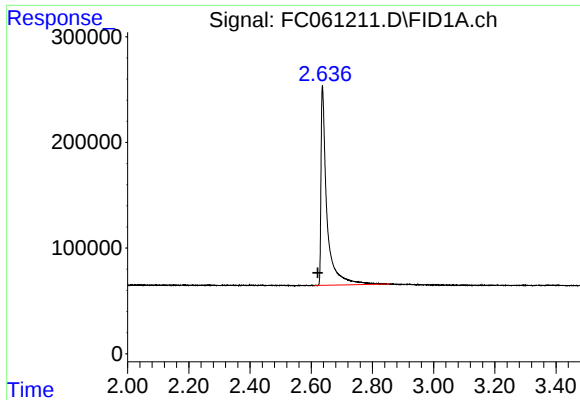
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081822AL\
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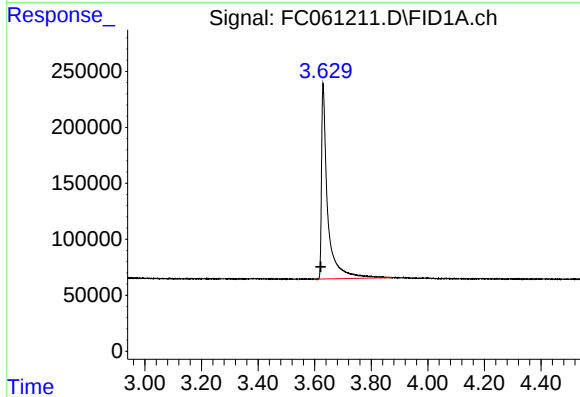




#1 n-Nonane (C9)

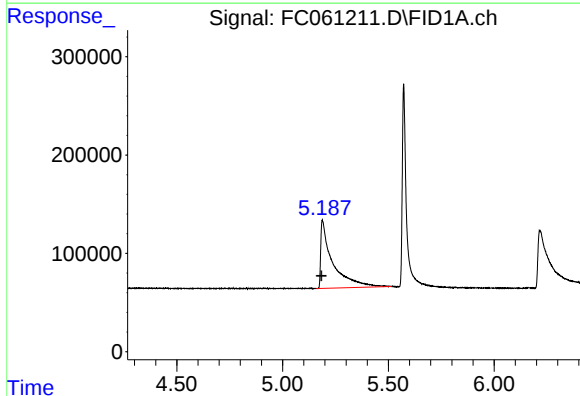
R.T.: 2.638 min
Delta R.T.: 0.016 min
Response: 2558868
Conc: 18.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



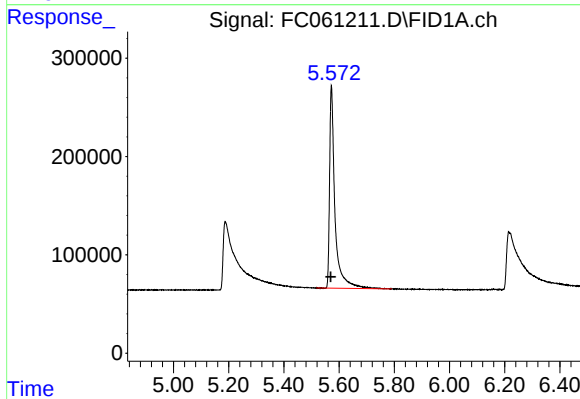
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: 0.009 min
Response: 2646505
Conc: 18.76 ug/ml



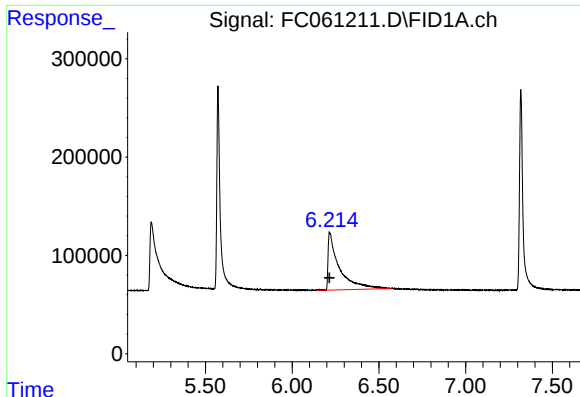
#3 A~Naphthalene (C11.7)

R.T.: 5.189 min
Delta R.T.: 0.004 min
Response: 2727093
Conc: 19.19 ug/ml



#4 n-Dodecane (C12)

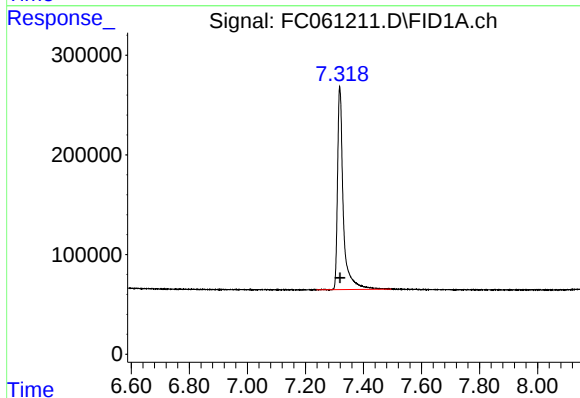
R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 2806001
Conc: 18.93 ug/ml



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

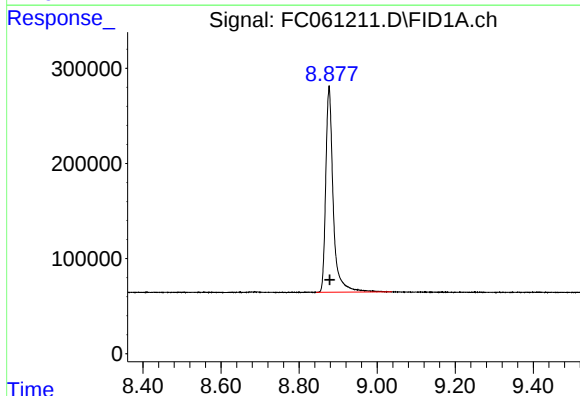
R.T.: 6.217 min
Delta R.T.: 0.002 min
Response: 2644726
Conc: 19.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



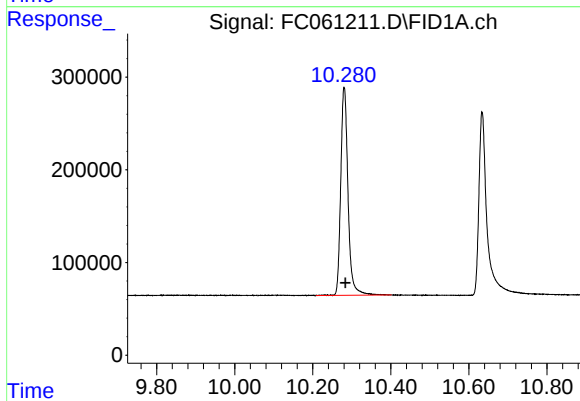
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 2827052
Conc: 18.83 ug/ml



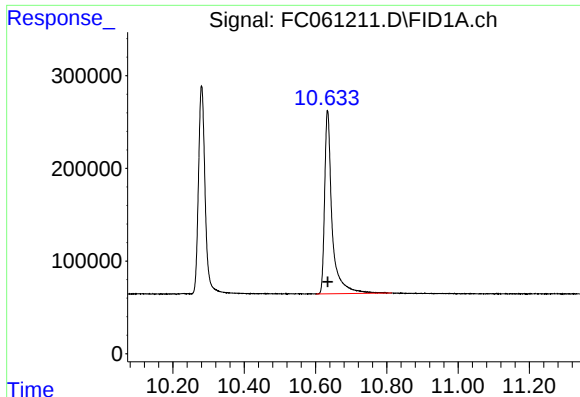
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 2877838
Conc: 18.80 ug/ml



#8 n-Octadecane (C18)

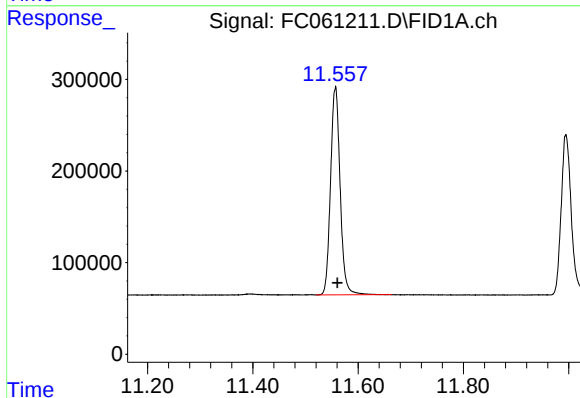
R.T.: 10.281 min
Delta R.T.: -0.003 min
Response: 2903924
Conc: 18.60 ug/ml



#9 ortho-Terphenyl (SURR)

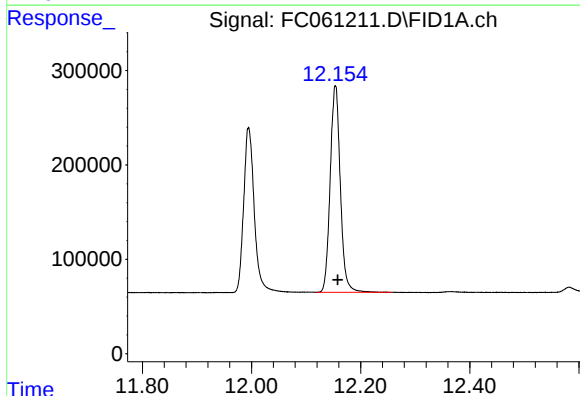
R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 2888964
Conc: 17.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



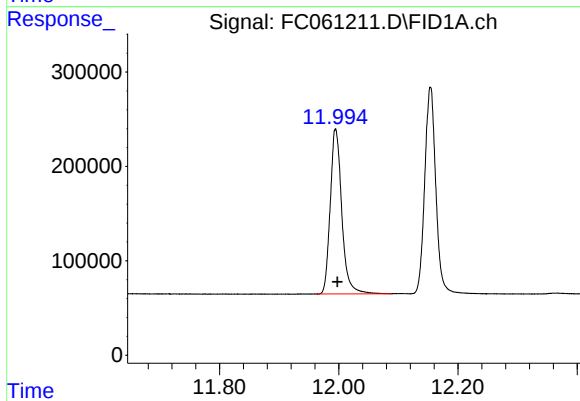
#10 n-Eicosane (C20)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 2864258
Conc: 18.25 ug/ml



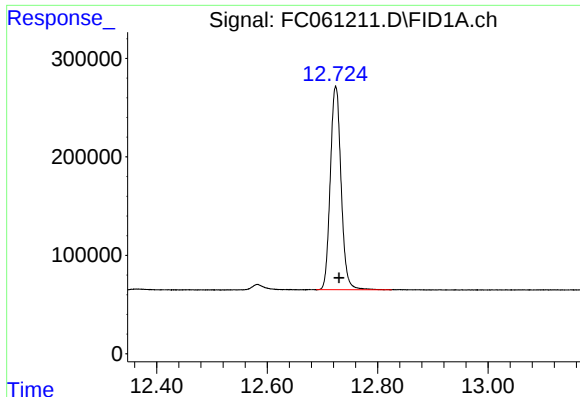
#11 n-Heneicosane (C21)

R.T.: 12.154 min
Delta R.T.: -0.004 min
Response: 2822946
Conc: 18.04 ug/ml



#12 1-chlorooctadecane (SURR)

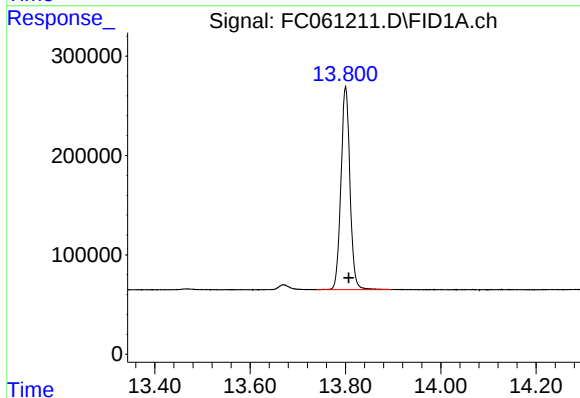
R.T.: 11.995 min
Delta R.T.: -0.003 min
Response: 2351616
Conc: 17.71 ug/ml



#13 n-Docosane (C22)

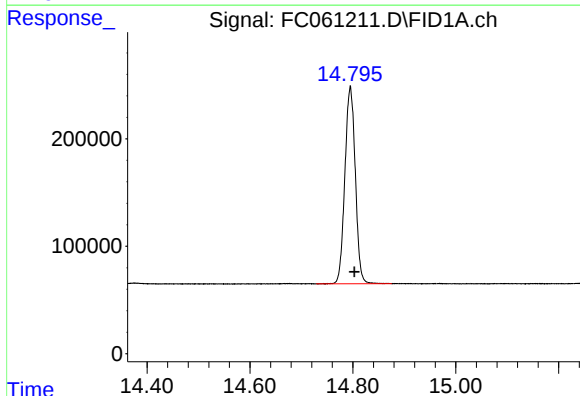
R.T.: 12.724 min
Delta R.T.: -0.006 min
Response: 2797207
Conc: 17.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



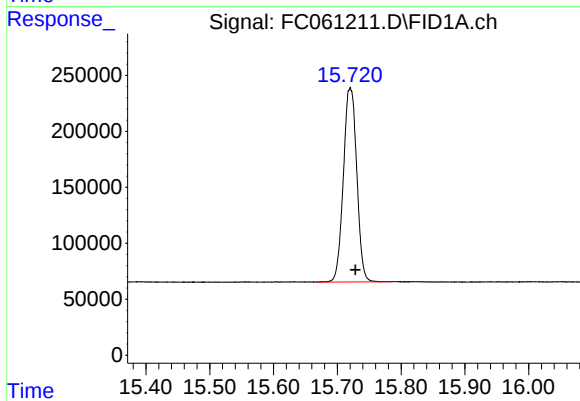
#14 n-Tetracosane (C24)

R.T.: 13.800 min
Delta R.T.: -0.006 min
Response: 2692562
Conc: 17.64 ug/ml



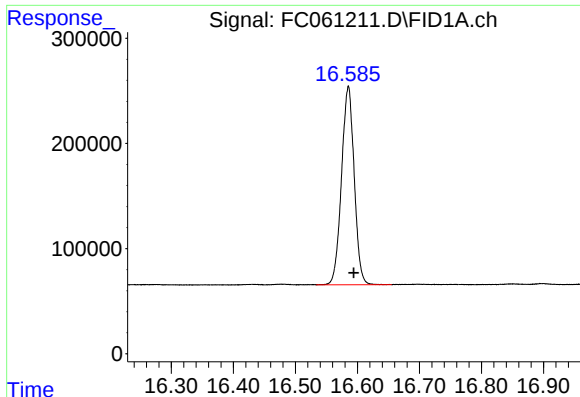
#15 n-Hexacosane (C26)

R.T.: 14.795 min
Delta R.T.: -0.008 min
Response: 2576703
Conc: 17.26 ug/ml



#16 n-Octacosane (C28)

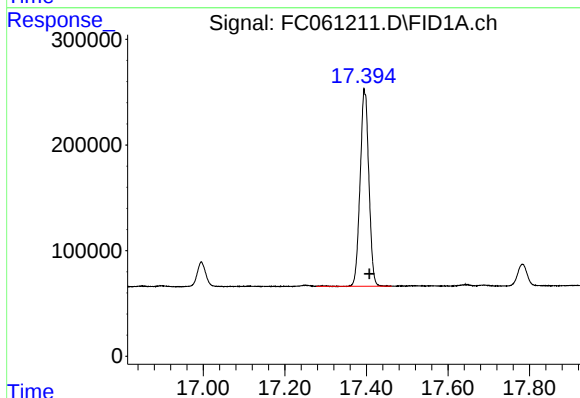
R.T.: 15.720 min
Delta R.T.: -0.008 min
Response: 2525197
Conc: 17.62 ug/ml



#17 n-Tricontane (C30)

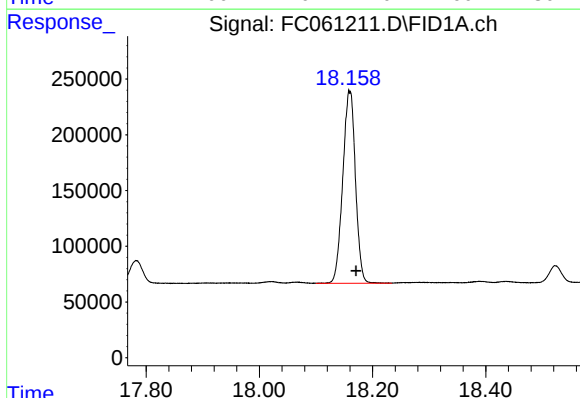
R.T.: 16.585 min
Delta R.T.: -0.009 min
Response: 2676883
Conc: 19.12 ug/ml

Instrument :
FID_C
ClientSampleId :
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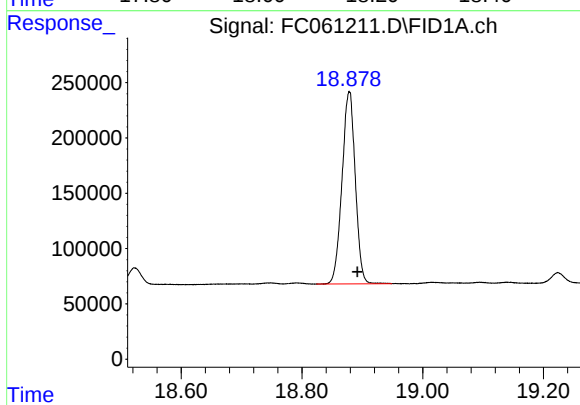
#18 n-Dotriacontane (C32)

R.T.: 17.396 min
Delta R.T.: -0.011 min
Response: 2769561
Conc: 20.52 ug/ml



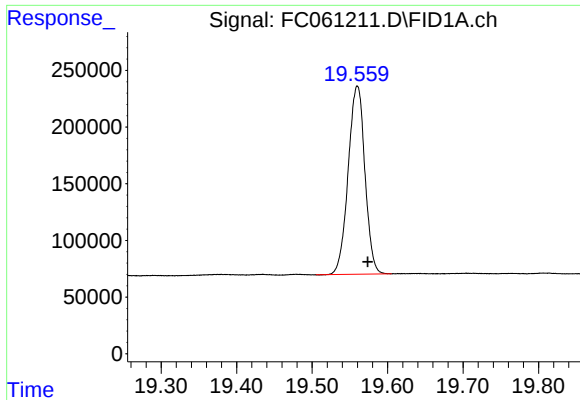
#19 n-Tetratriacontane (C34)

R.T.: 18.160 min
Delta R.T.: -0.011 min
Response: 2682845
Conc: 21.39 ug/ml



#20 n-Hexatriacontane (C36)

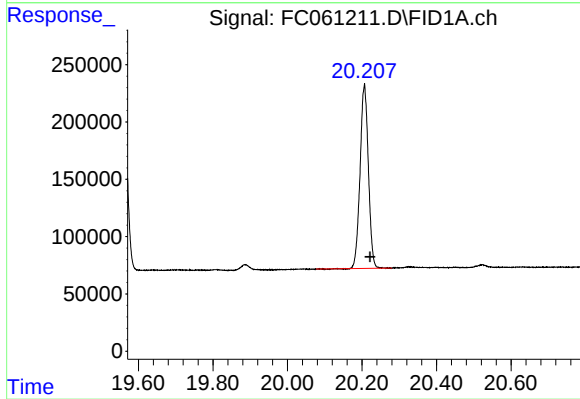
R.T.: 18.878 min
Delta R.T.: -0.014 min
Response: 2655942
Conc: 21.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.560 min
Delta R.T.: -0.014 min
Response: 2558581
Conc: 21.68 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.206 min
Delta R.T.: -0.016 min
Response: 2472814
Conc: 21.48 ug/ml