

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081922AL\
 Data File : FC061215.D
 Signal(s) : FID1A.ch
 Acq On : 19 Aug 2022 07:32
 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 15:08:23 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)	10.633	2860058	17.428 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
12) S 1-chlorooctadecane (S...	11.994	2315089	17.439 ug/ml
Spiked Amount 50.000		Recovery =	34.88%
Target Compounds			
1) T n-Nonane (C9)	2.638	2563483	18.202 ug/ml
2) T n-Decane (C10)	3.631	2628917	18.636 ug/ml
3) T A~Naphthalene (C11.7)	5.191	2759033	19.410 ug/ml
4) T n-Dodecane (C12)	5.573	2839879	19.160 ug/ml
5) T A~2-methylnaphthalene...	6.220	2643553	19.275 ug/ml
6) T n-Tetradecane (C14)	7.318	2838308	18.905 ug/ml
7) T n-Hexadecane (C16)	8.876	2870512	18.757 ug/ml
8) T n-Octadecane (C18)	10.280	2885390	18.478 ug/ml
10) T n-Eicosane (C20)	11.556	2838050	18.085 ug/ml
11) T n-Heneicosane (C21)	12.152	2792608	17.848 ug/ml
13) T n-Docosane (C22)	12.723	2751350	17.646 ug/ml
14) T n-Tetracosane (C24)	13.798	2651709	17.369 ug/ml
15) T n-Hexacosane (C26)	14.793	2547810	17.068 ug/ml
16) T n-Octacosane (C28)	15.717	2519615	17.584 ug/ml
17) T n-Tricontane (C30)	16.582	2673551	19.097 ug/ml
18) T n-Dotriacontane (C32)	17.393	2766452	20.498 ug/ml
19) T n-Tetratriacontane (C34)	18.157	2685504	21.412 ug/ml
20) T n-Hexatriacontane (C36)	18.876	2667760	21.825 ug/ml
21) T n-Octatriacontane (C38)	19.558	2576049	21.826 ug/ml
22) T n-Tetracontane (C40)	20.205	2487522	21.613 ug/ml

(f)=RT Delta > 1/2 Window

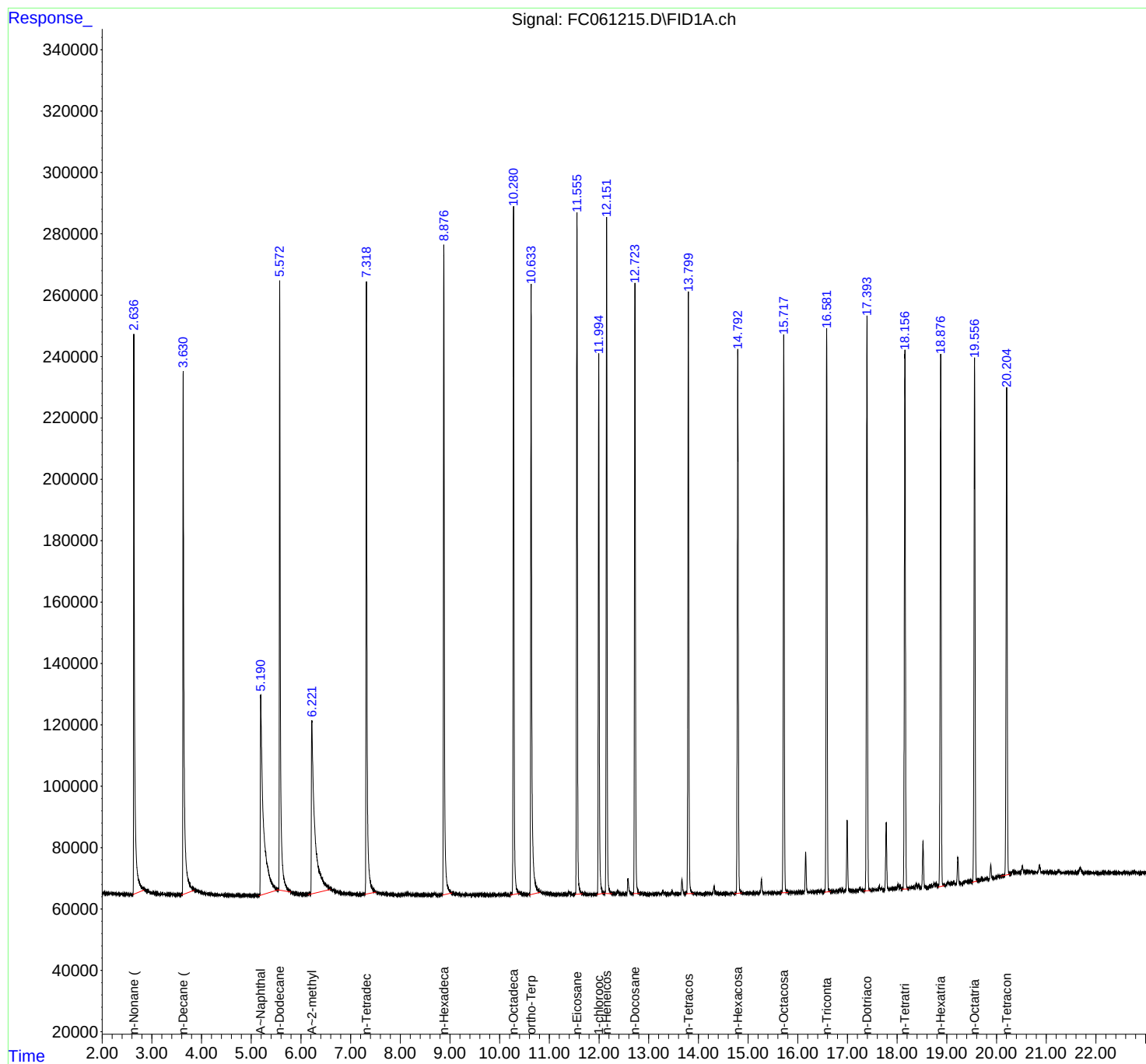
(m)=manual int.

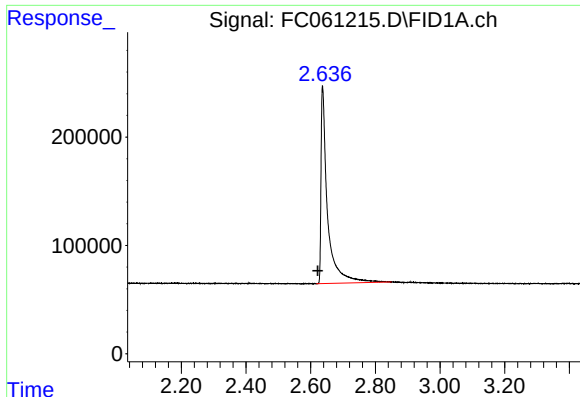
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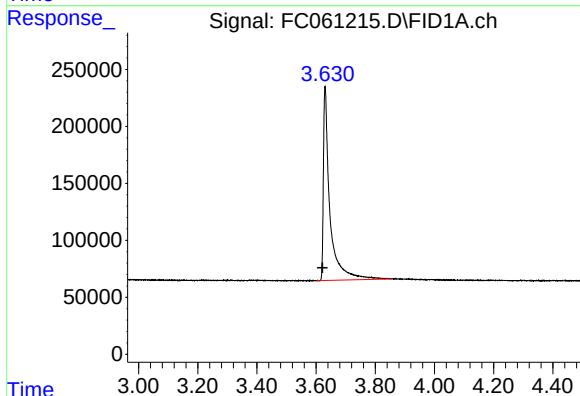




#1 n-Nonane (C9)

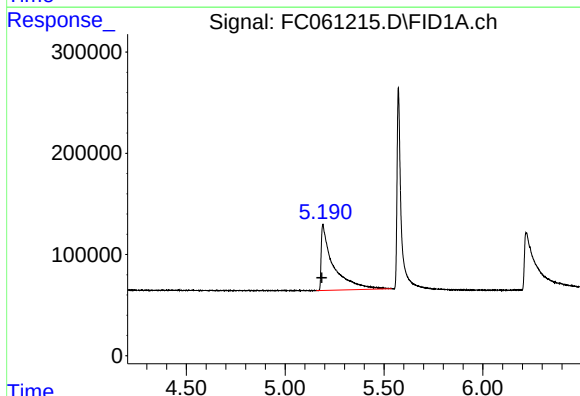
R.T.: 2.638 min
Delta R.T.: 0.016 min
Response: 2563483
Conc: 18.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



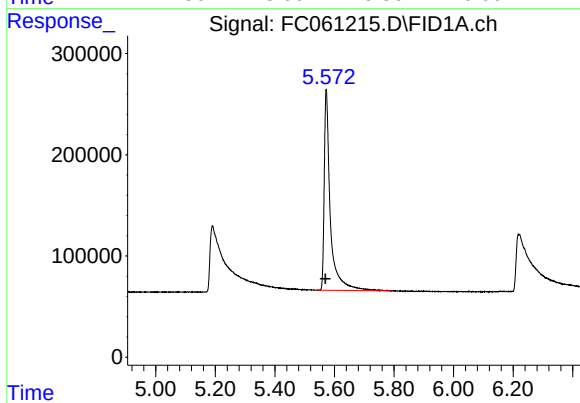
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: 0.010 min
Response: 2628917
Conc: 18.64 ug/ml



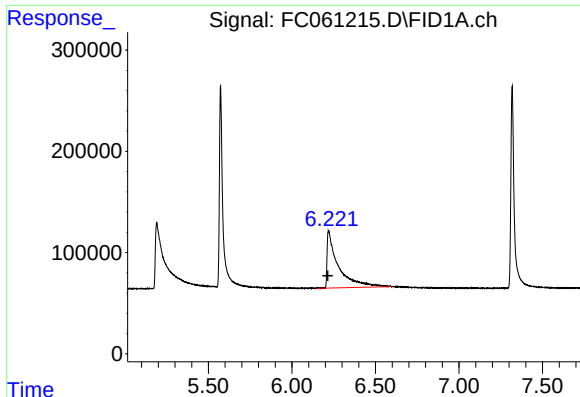
#3 A~Naphthalene (C11.7)

R.T.: 5.191 min
Delta R.T.: 0.007 min
Response: 2759033
Conc: 19.41 ug/ml



#4 n-Dodecane (C12)

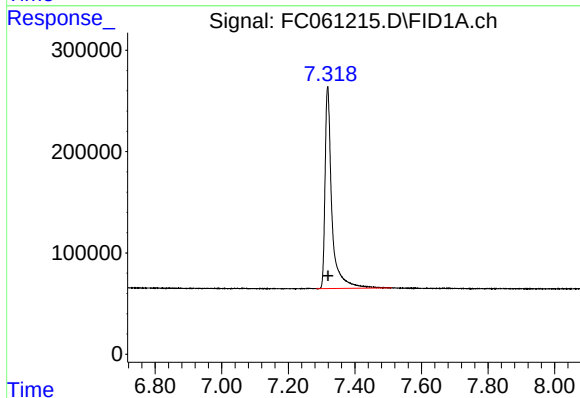
R.T.: 5.573 min
Delta R.T.: 0.004 min
Response: 2839879
Conc: 19.16 ug/ml



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

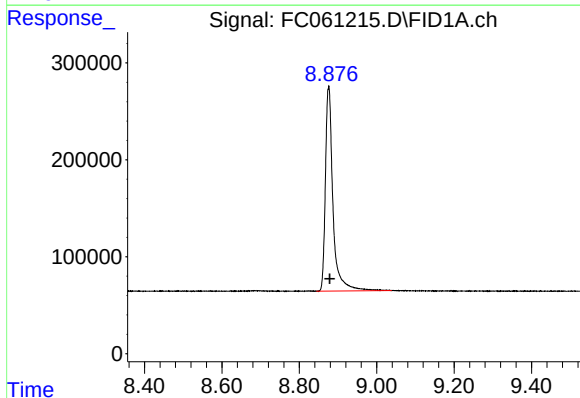
R.T.: 6.220 min
Delta R.T.: 0.005 min
Response: 2643553
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



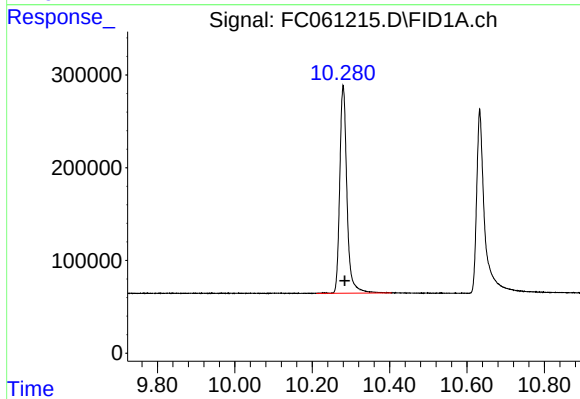
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 2838308
Conc: 18.91 ug/ml



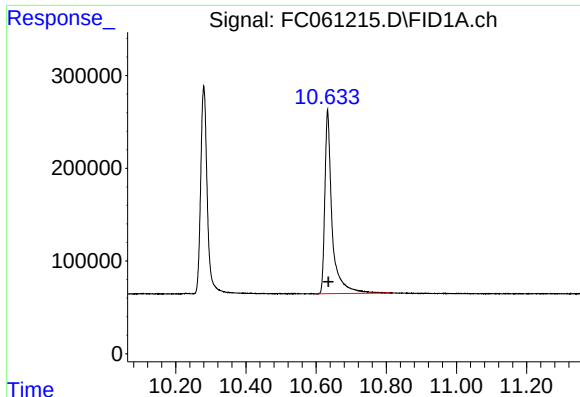
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.003 min
Response: 2870512
Conc: 18.76 ug/ml



#8 n-Octadecane (C18)

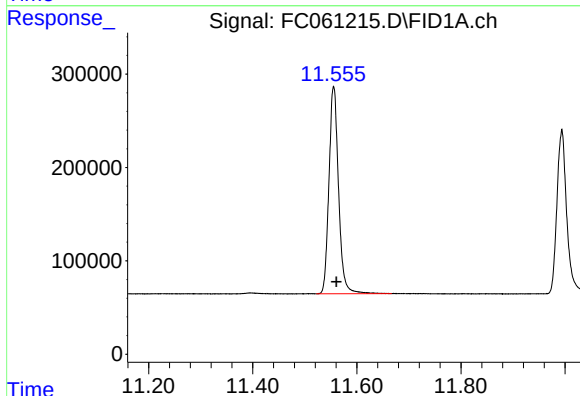
R.T.: 10.280 min
Delta R.T.: -0.004 min
Response: 2885390
Conc: 18.48 ug/ml



#9 ortho-Terphenyl (SURR)

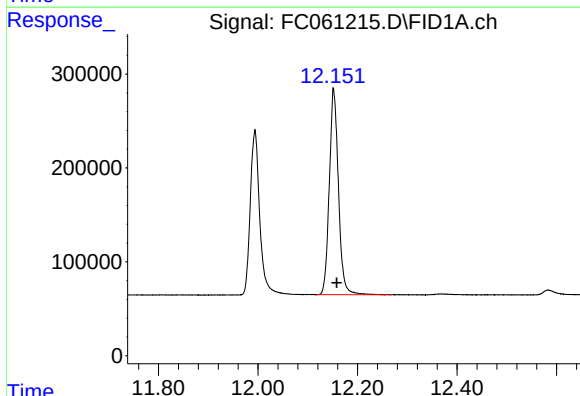
R.T.: 10.633 min
Delta R.T.: -0.002 min
Response: 2860058
Conc: 17.43 ug/ml

Instrument :
FID_C
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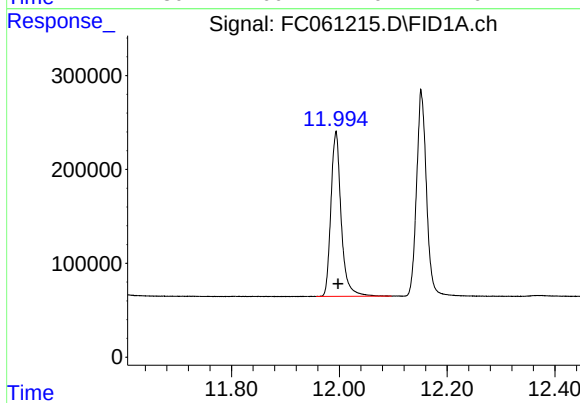
#10 n-Eicosane (C20)

R.T.: 11.556 min
Delta R.T.: -0.005 min
Response: 2838050
Conc: 18.08 ug/ml



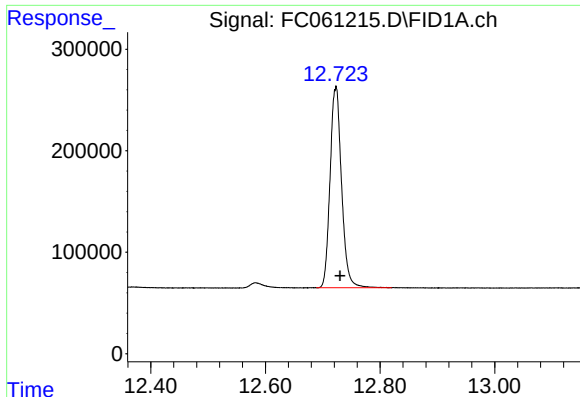
#11 n-Heneicosane (C21)

R.T.: 12.152 min
Delta R.T.: -0.006 min
Response: 2792608
Conc: 17.85 ug/ml



#12 1-chlorooctadecane (SURR)

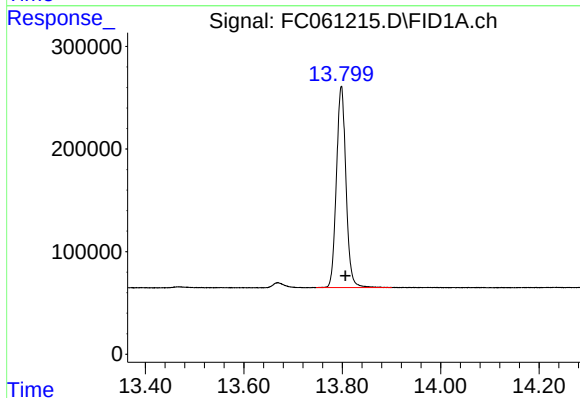
R.T.: 11.994 min
Delta R.T.: -0.004 min
Response: 2315089
Conc: 17.44 ug/ml



#13 n-Docosane (C22)

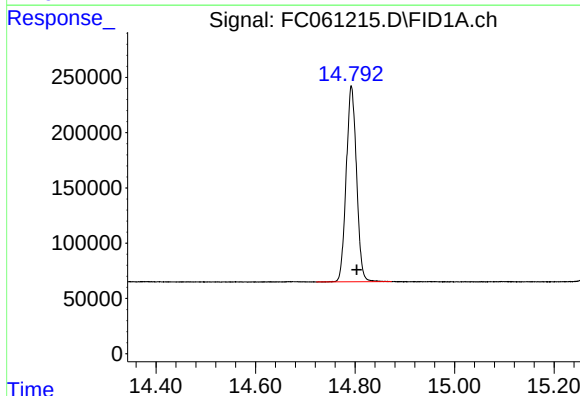
R.T.: 12.723 min
Delta R.T.: -0.007 min
Response: 2751350
Conc: 17.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



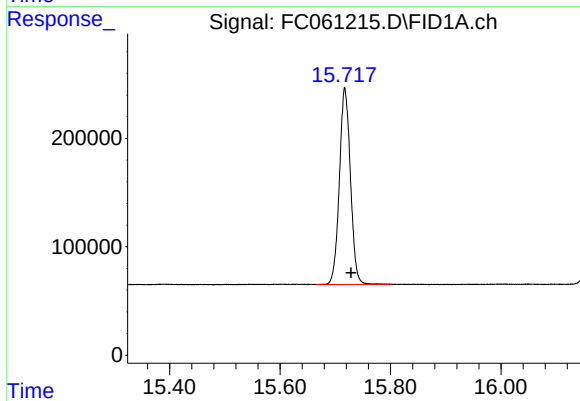
#14 n-Tetracosane (C24)

R.T.: 13.798 min
Delta R.T.: -0.009 min
Response: 2651709
Conc: 17.37 ug/ml



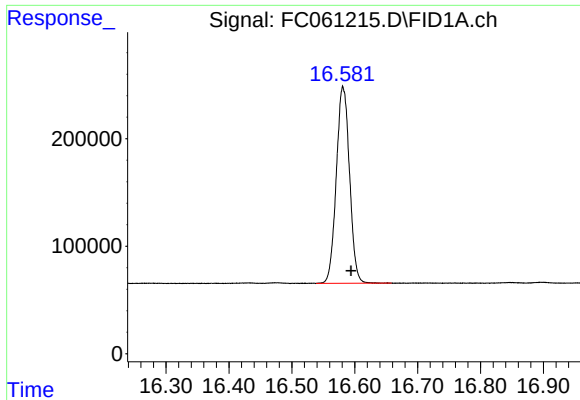
#15 n-Hexacosane (C26)

R.T.: 14.793 min
Delta R.T.: -0.010 min
Response: 2547810
Conc: 17.07 ug/ml



#16 n-Octacosane (C28)

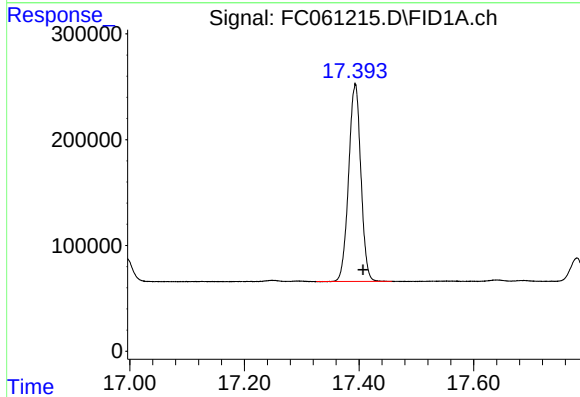
R.T.: 15.717 min
Delta R.T.: -0.011 min
Response: 2519615
Conc: 17.58 ug/ml



#17 n-Tricontane (C30)

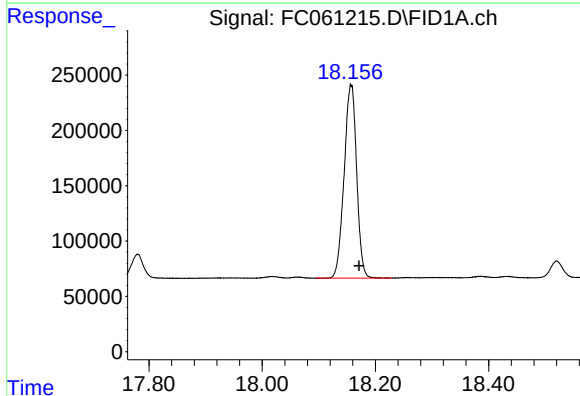
R.T.: 16.582 min
Delta R.T.: -0.013 min
Response: 2673551
Conc: 19.10 ug/ml

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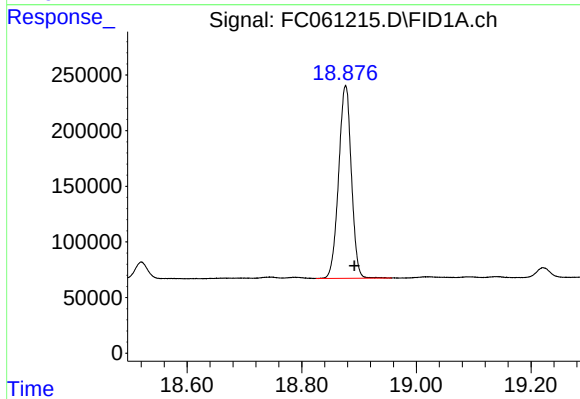
#18 n-Dotriacontane (C32)

R.T.: 17.393 min
Delta R.T.: -0.014 min
Response: 2766452
Conc: 20.50 ug/ml



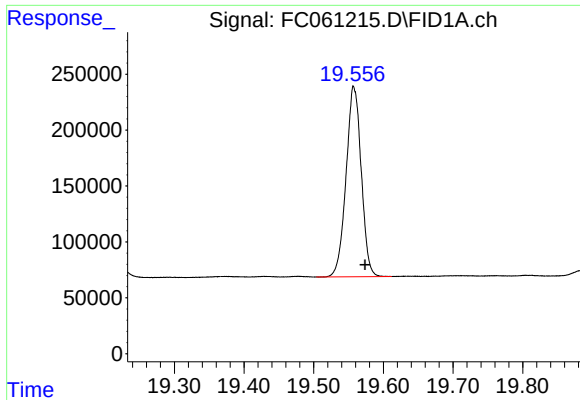
#19 n-Tetratriacontane (C34)

R.T.: 18.157 min
Delta R.T.: -0.014 min
Response: 2685504
Conc: 21.41 ug/ml



#20 n-Hexatriacontane (C36)

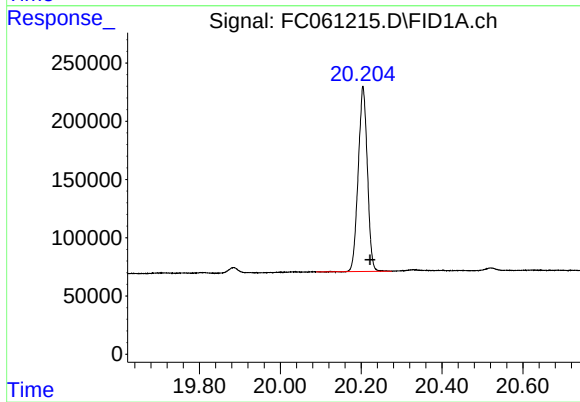
R.T.: 18.876 min
Delta R.T.: -0.016 min
Response: 2667760
Conc: 21.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.558 min
Delta R.T.: -0.016 min
Response: 2576049
Conc: 21.83 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.205 min
Delta R.T.: -0.017 min
Response: 2487522
Conc: 21.61 ug/ml