

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081922AL\
 Data File : FC061218.D
 Signal(s) : FID1A.ch
 Acq On : 19 Aug 2022 11:17
 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 15:08:53 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	2949523	17.973 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
12) S 1-chlorooctadecane (S...	11.994	2398834	18.070 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
Target Compounds			
1) T n-Nonane (C9)	2.638	2627984	18.659 ug/ml
2) T n-Decane (C10)	3.632	2686649	19.045 ug/ml
3) T A~Naphthalene (C11.7)	5.192	2784410	19.588 ug/ml
4) T n-Dodecane (C12)	5.573	2897141	19.547 ug/ml
5) T A~2-methylnaphthalene...	6.220	2669005	19.460 ug/ml
6) T n-Tetradecane (C14)	7.319	2905021	19.350 ug/ml
7) T n-Hexadecane (C16)	8.876	2945334	19.246 ug/ml
8) T n-Octadecane (C18)	10.281	2961343	18.964 ug/ml
10) T n-Eicosane (C20)	11.557	2922605	18.623 ug/ml
11) T n-Heneicosane (C21)	12.153	2882594	18.423 ug/ml
13) T n-Docosane (C22)	12.725	2847951	18.266 ug/ml
14) T n-Tetracosane (C24)	13.800	2741928	17.960 ug/ml
15) T n-Hexacosane (C26)	14.795	2635927	17.659 ug/ml
16) T n-Octacosane (C28)	15.719	2594269	18.105 ug/ml
17) T n-Tricontane (C30)	16.584	2756855	19.692 ug/ml
18) T n-Dotriacontane (C32)	17.395	2865718	21.234 ug/ml
19) T n-Tetratriacontane (C34)	18.157	2773836	22.117 ug/ml
20) T n-Hexatriacontane (C36)	18.879	2752504	22.518 ug/ml
21) T n-Octatriacontane (C38)	19.559	2643996	22.402 ug/ml
22) T n-Tetracontane (C40)	20.206	2548556	22.143 ug/ml

(f)=RT Delta > 1/2 Window

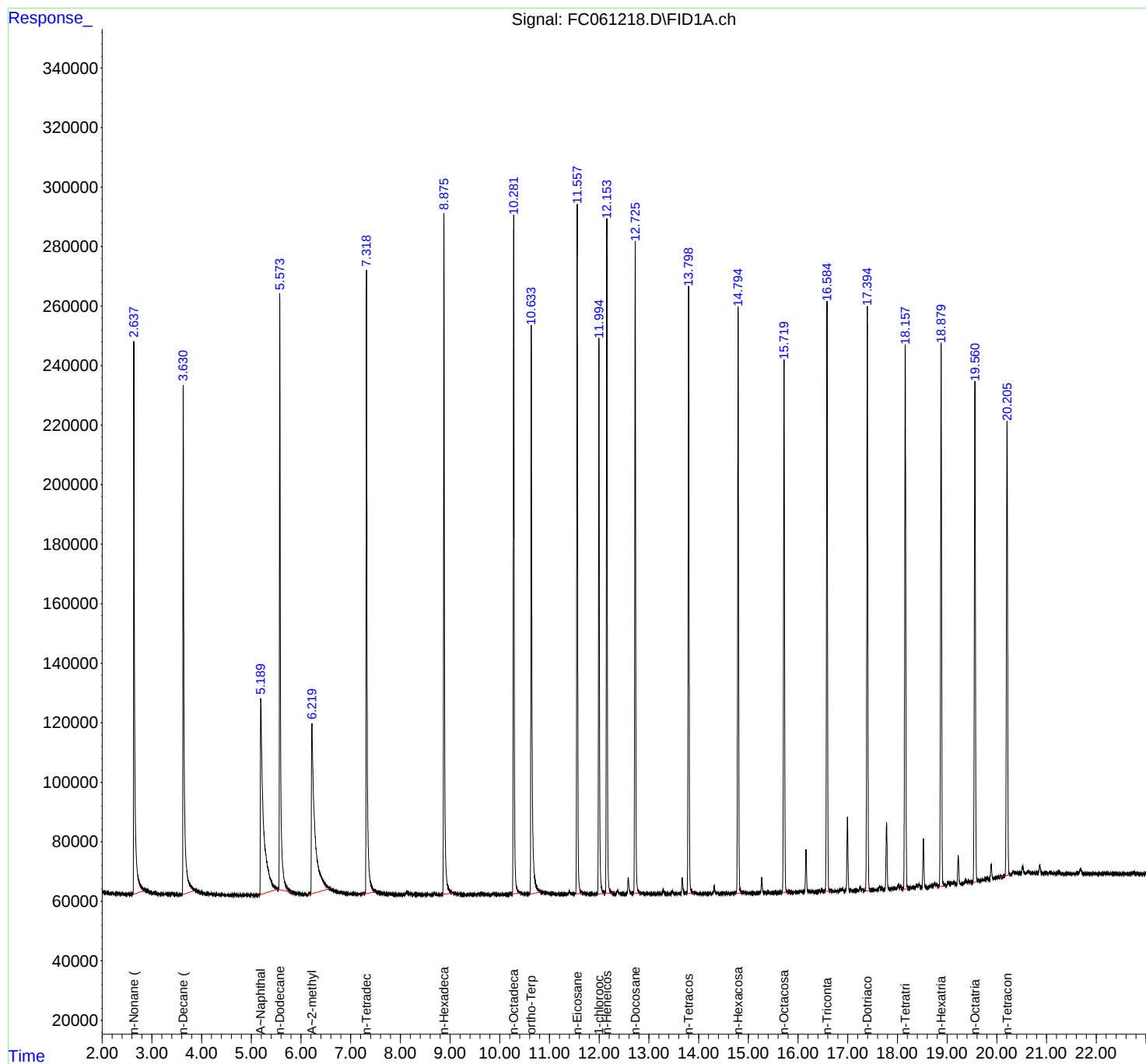
(m)=manual int.

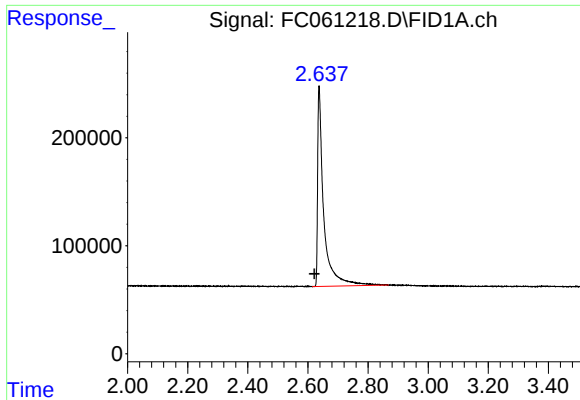
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081922AL\
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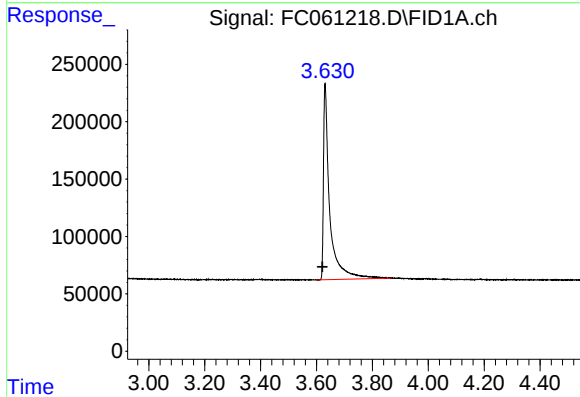




#1 n-Nonane (C9)

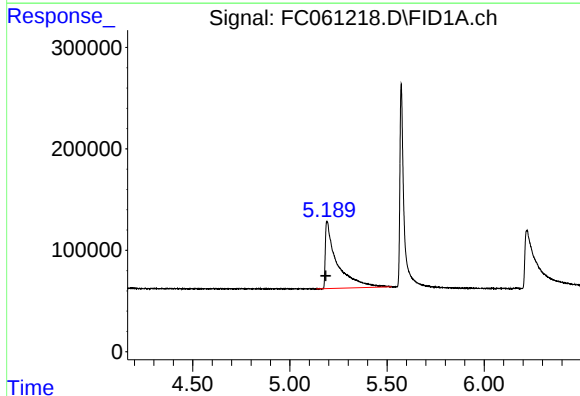
R.T.: 2.638 min
Delta R.T.: 0.016 min
Response: 2627984
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



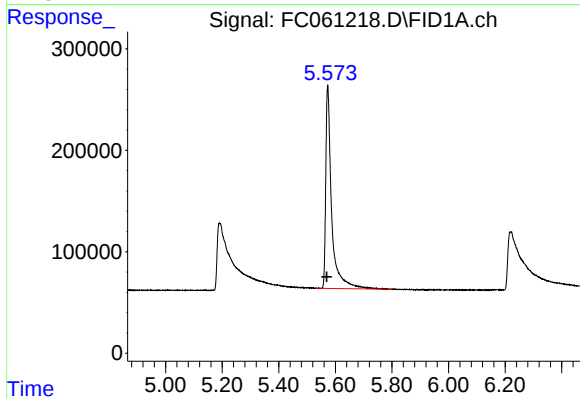
#2 n-Decane (C10)

R.T.: 3.632 min
Delta R.T.: 0.010 min
Response: 2686649
Conc: 19.05 ug/ml



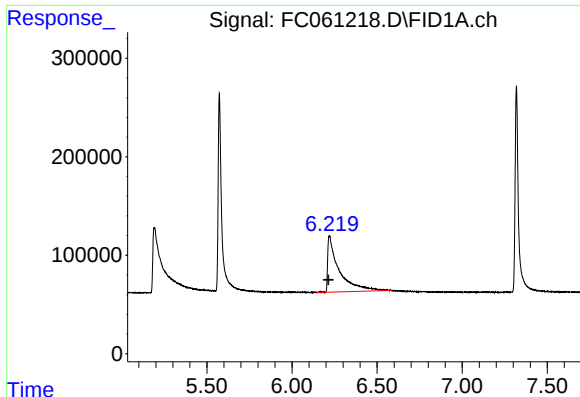
#3 A~Naphthalene (C11.7)

R.T.: 5.192 min
Delta R.T.: 0.007 min
Response: 2784410
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

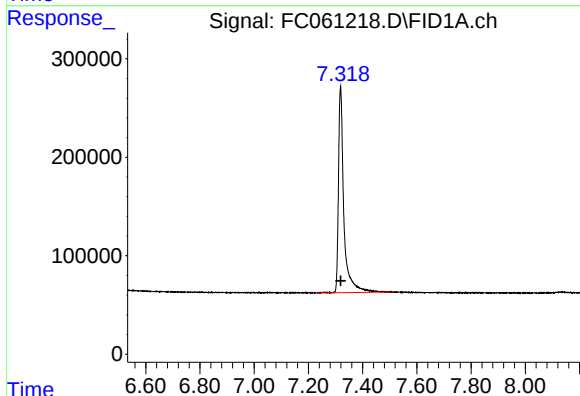
R.T.: 5.573 min
Delta R.T.: 0.004 min
Response: 2897141
Conc: 19.55 ug/ml



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

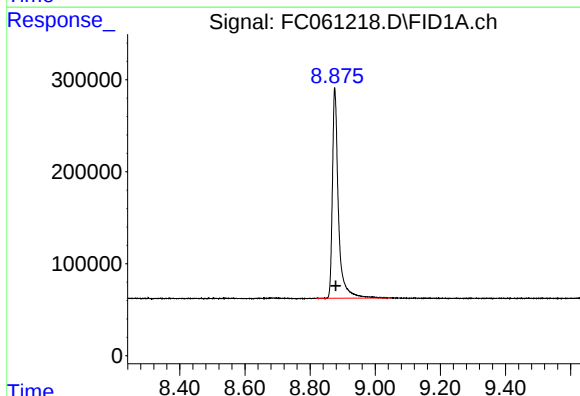
R.T.: 6.220 min
Delta R.T.: 0.005 min
Response: 2669005
Conc: 19.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



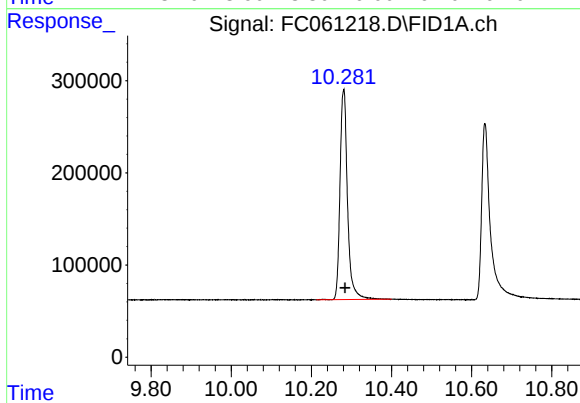
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 2905021
Conc: 19.35 ug/ml



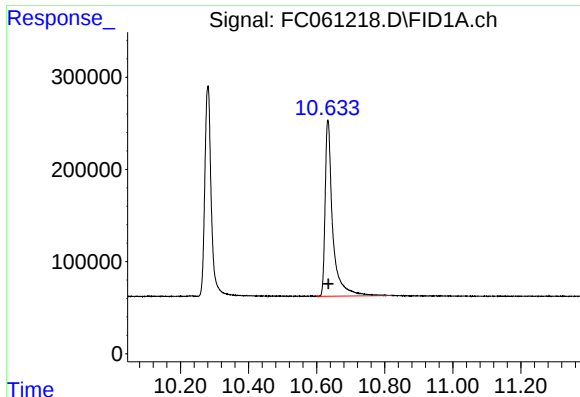
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.002 min
Response: 2945334
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

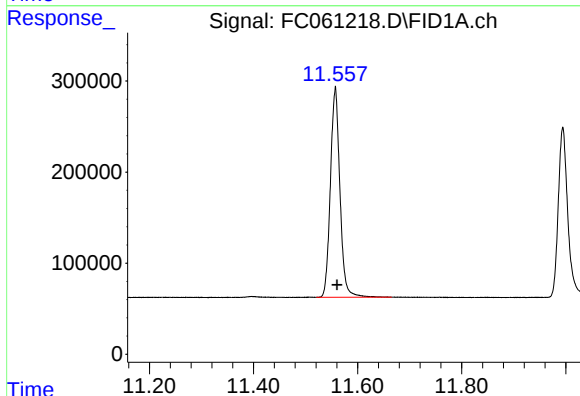
R.T.: 10.281 min
Delta R.T.: -0.003 min
Response: 2961343
Conc: 18.96 ug/ml



#9 ortho-Terphenyl (SURR)

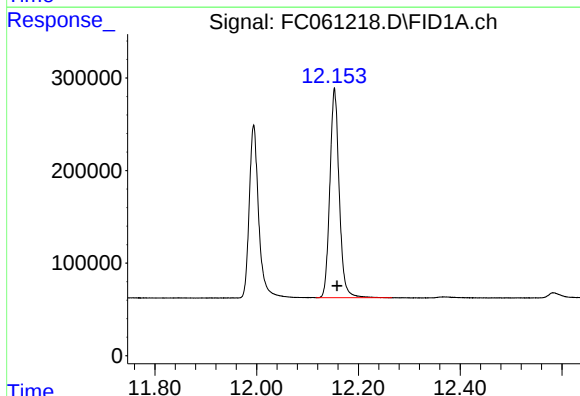
R.T.: 10.634 min
Delta R.T.: -0.001 min
Response: 2949523
Conc: 17.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



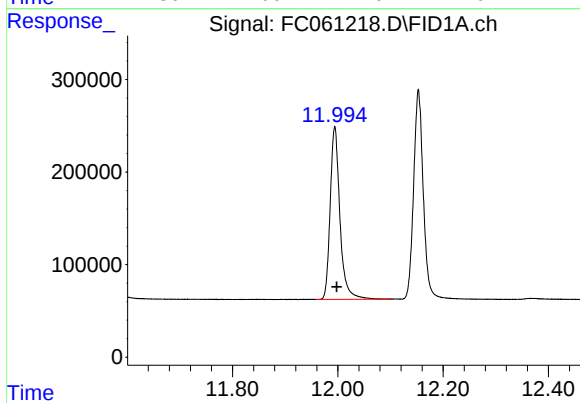
#10 n-Eicosane (C20)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 2922605
Conc: 18.62 ug/ml



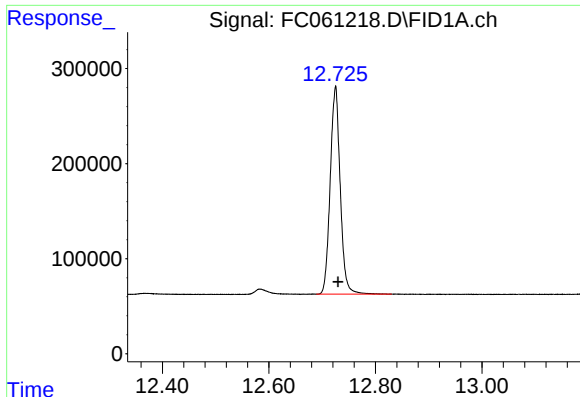
#11 n-Heneicosane (C21)

R.T.: 12.153 min
Delta R.T.: -0.005 min
Response: 2882594
Conc: 18.42 ug/ml



#12 1-chlorooctadecane (SURR)

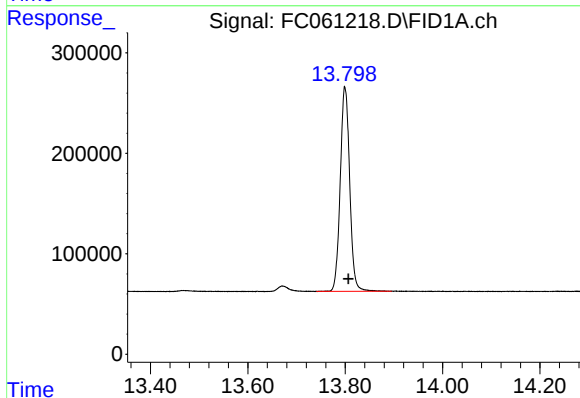
R.T.: 11.994 min
Delta R.T.: -0.003 min
Response: 2398834
Conc: 18.07 ug/ml



#13 n-Docosane (C22)

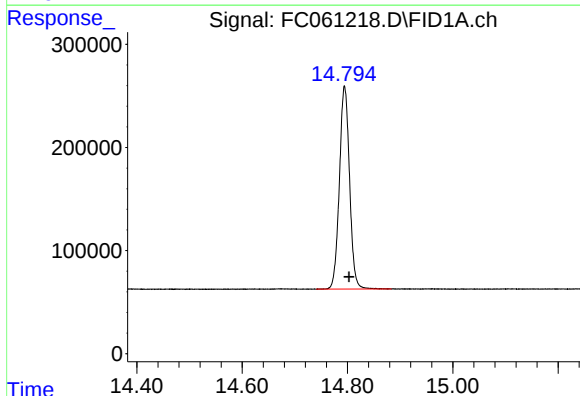
R.T.: 12.725 min
Delta R.T.: -0.005 min
Response: 2847951
Conc: 18.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



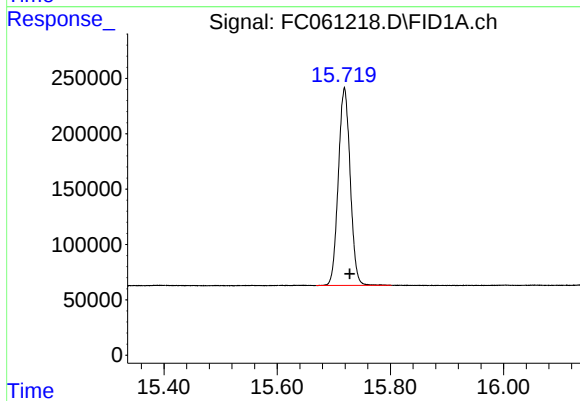
#14 n-Tetracosane (C24)

R.T.: 13.800 min
Delta R.T.: -0.007 min
Response: 2741928
Conc: 17.96 ug/ml



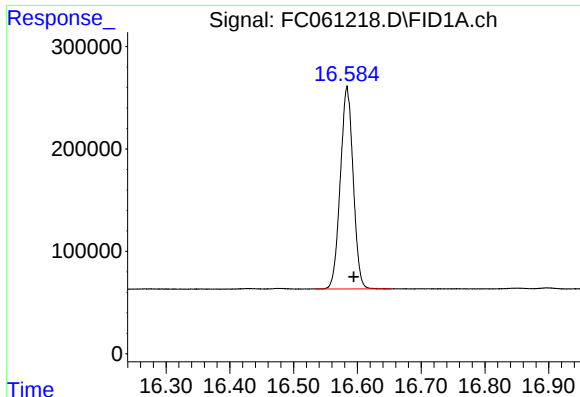
#15 n-Hexacosane (C26)

R.T.: 14.795 min
Delta R.T.: -0.008 min
Response: 2635927
Conc: 17.66 ug/ml



#16 n-Octacosane (C28)

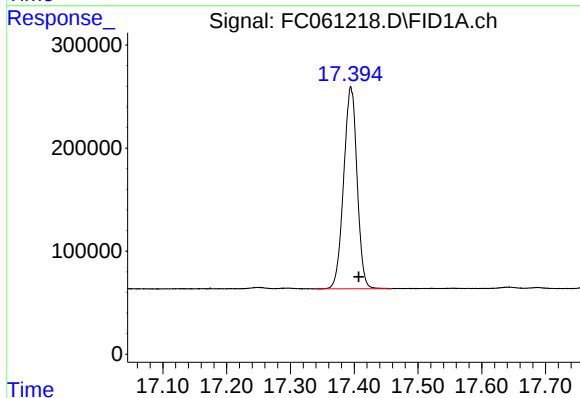
R.T.: 15.719 min
Delta R.T.: -0.010 min
Response: 2594269
Conc: 18.10 ug/ml



#17 n-Tricontane (C30)

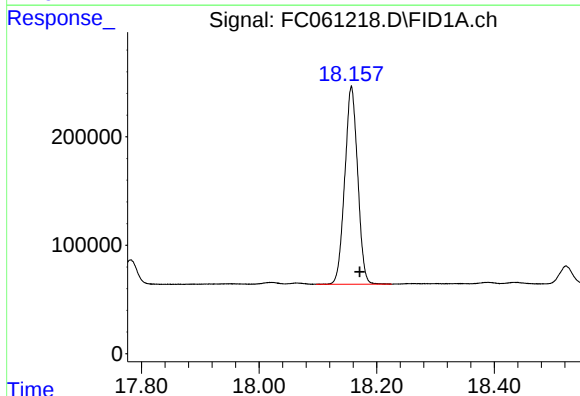
R.T.: 16.584 min
Delta R.T.: -0.011 min
Response: 2756855
Conc: 19.69 ug/ml

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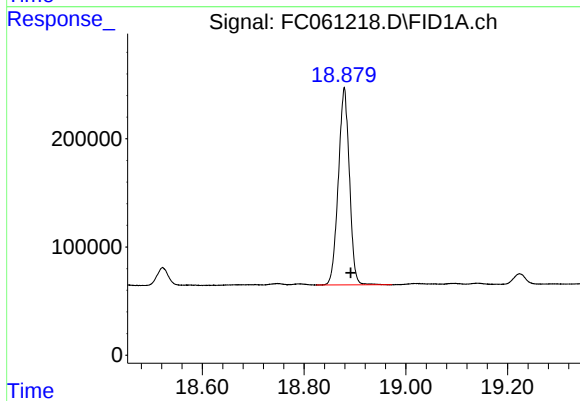
#18 n-Dotriacontane (C32)

R.T.: 17.395 min
Delta R.T.: -0.012 min
Response: 2865718
Conc: 21.23 ug/ml



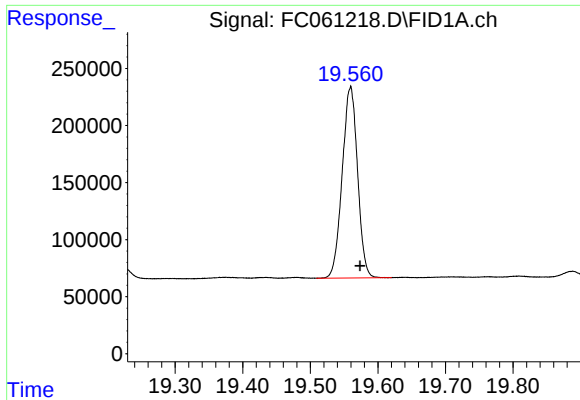
#19 n-Tetratriacontane (C34)

R.T.: 18.157 min
Delta R.T.: -0.014 min
Response: 2773836
Conc: 22.12 ug/ml



#20 n-Hexatriacontane (C36)

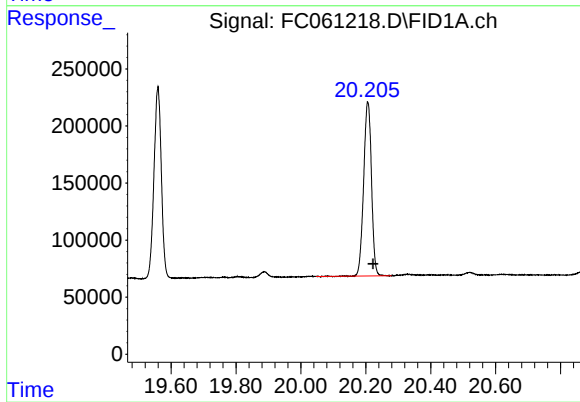
R.T.: 18.879 min
Delta R.T.: -0.013 min
Response: 2752504
Conc: 22.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.559 min
Delta R.T.: -0.014 min
Response: 2643996
Conc: 22.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.206 min
Delta R.T.: -0.016 min
Response: 2548556
Conc: 22.14 ug/ml