

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062022AL\
 Data File : FC060376.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jun 2022 7:10
 Operator : UA/NP
 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: Jun 21 07:34:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.652	2978744	19.141 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	12.023	2346161	18.922 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T n-Nonane (C9)	2.619	2713991	21.205 ug/ml
2) T n-Decane (C10)	3.621	2737604	21.399 ug/ml
3) T A~Naphthalene (C11.7)	5.164	2934122	20.300 ug/ml
4) T n-Dodecane (C12)	5.577	2906961	21.807 ug/ml
5) T A~2-methylnaphthalene...	6.190	2845581	19.388 ug/ml
6) T n-Tetradecane (C14)	7.331	2916421	21.363 ug/ml
7) T n-Hexadecane (C16)	8.896	2922041	20.826 ug/ml
8) T n-Octadecane (C18)	10.307	2876738	20.102 ug/ml
10) T n-Eicosane (C20)	11.587	2767958	19.401 ug/ml
11) T n-Heneicosane (C21)	12.186	2725433	19.014 ug/ml
13) T n-Docosane (C22)	12.760	2678927	18.800 ug/ml
14) T n-Tetracosane (C24)	13.838	2593488	18.481 ug/ml
15) T n-Hexacosane (C26)	14.838	2535014	18.720 ug/ml
16) T n-Octacosane (C28)	15.767	2555989	19.626 ug/ml
17) T n-Tricontane (C30)	16.636	2616918	21.376 ug/ml
18) T n-Dotriacontane (C32)	17.450	2559353	22.955 ug/ml
19) T n-Tetratriacontane (C34)	18.215	2424591	23.772 ug/ml
20) T n-Hexatriacontane (C36)	18.938	2276676	24.041 ug/ml
21) T n-Octatriacontane (C38)	19.623	2173185	23.554 ug/ml
22) T n-Tetracontane (C40)	20.272	2084663	22.157 ug/ml

(f)=RT Delta > 1/2 Window

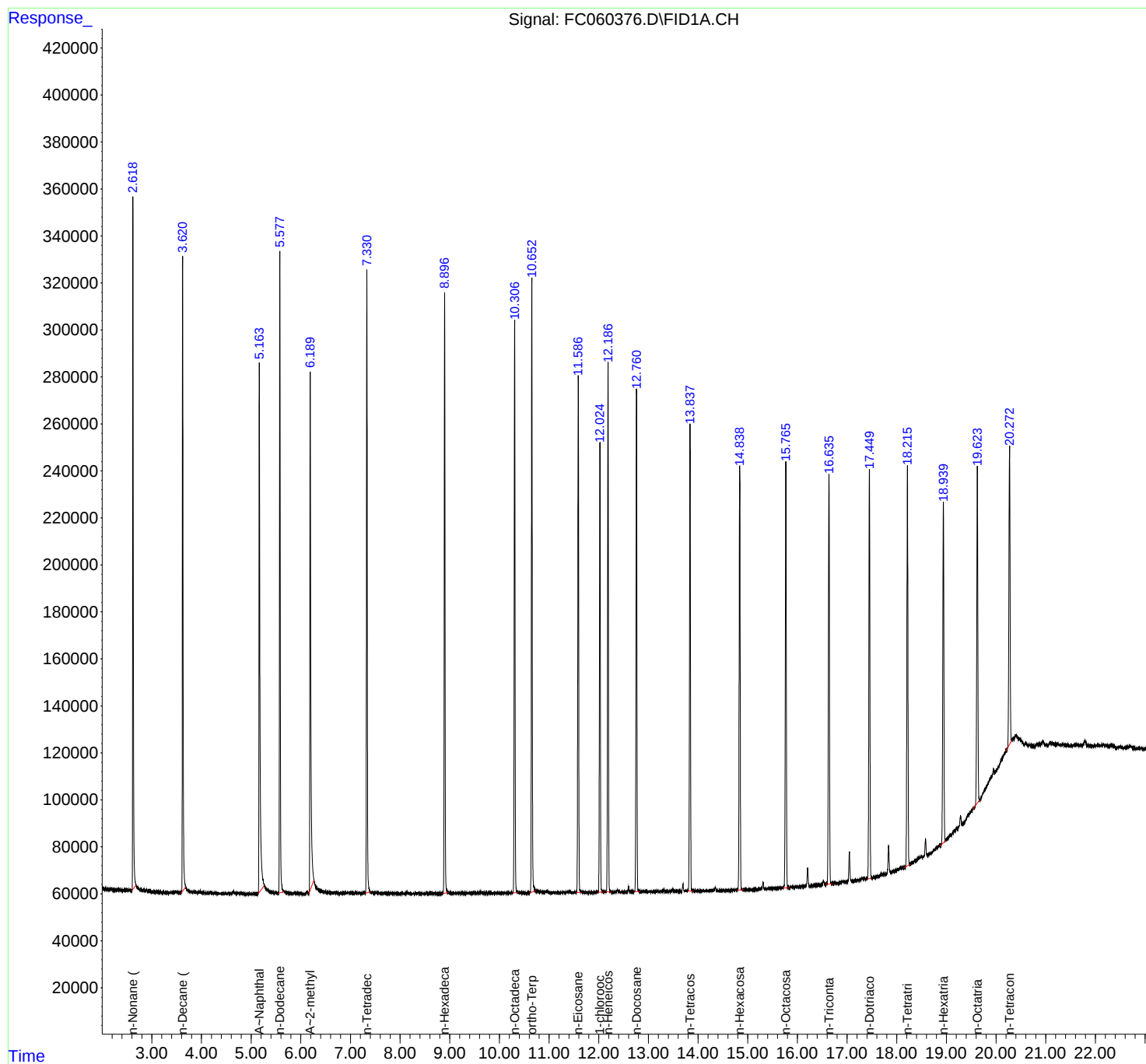
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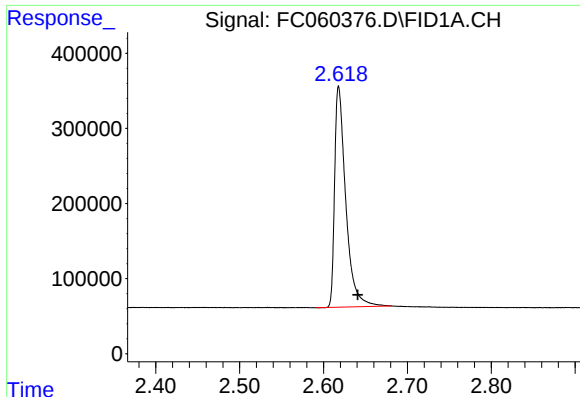
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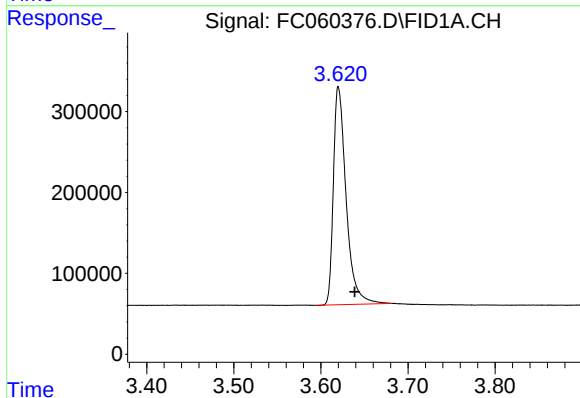




#1 n-Nonane (C9)

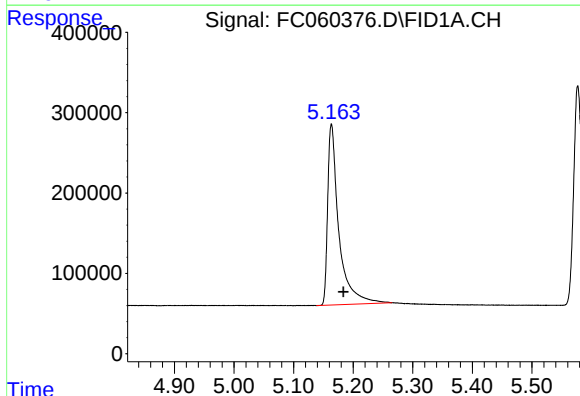
R.T.: 2.619 min
Delta R.T.: -0.022 min
Response: 2713991
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



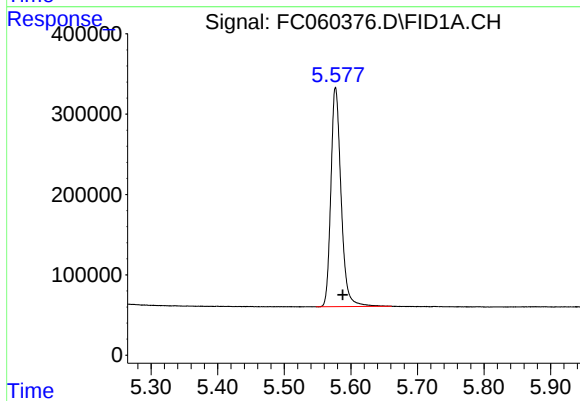
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.018 min
Response: 2737604
Conc: 21.40 ug/ml



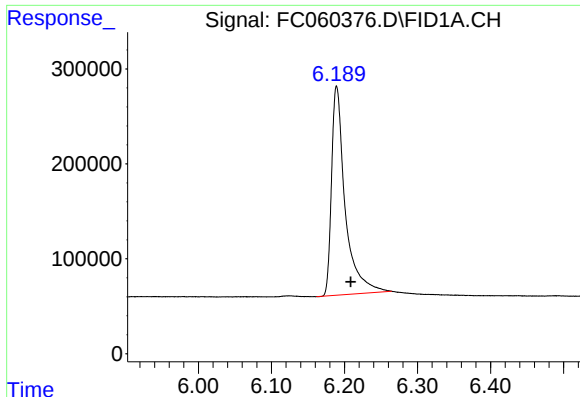
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.020 min
Response: 2934122
Conc: 20.30 ug/ml



#4 n-Dodecane (C12)

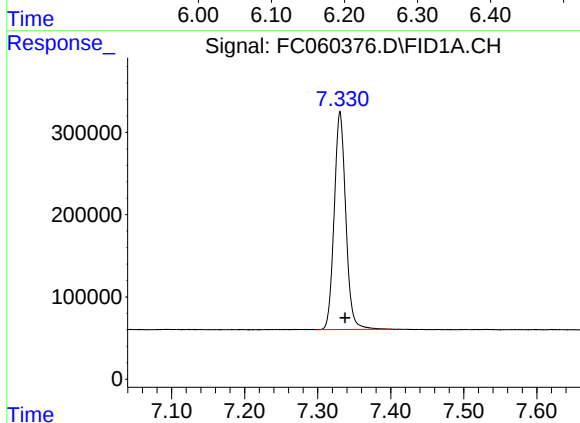
R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 2906961
Conc: 21.81 ug/ml



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

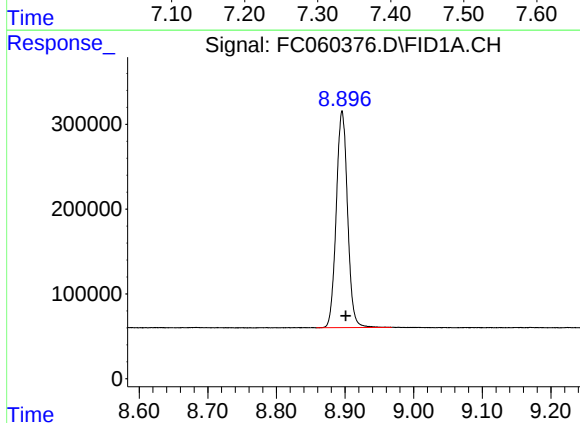
R.T.: 6.190 min
Delta R.T.: -0.019 min
Response: 2845581
Conc: 19.39 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



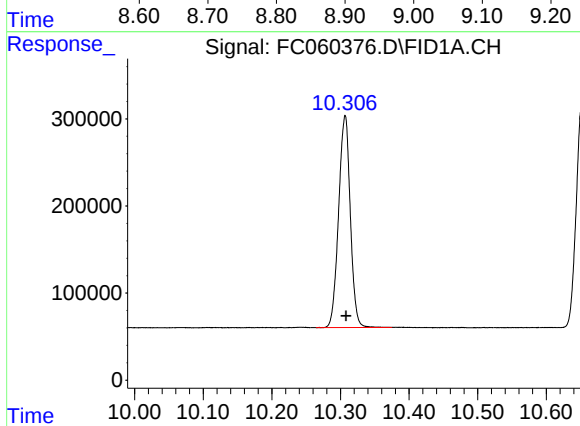
#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 2916421
Conc: 21.36 ug/ml



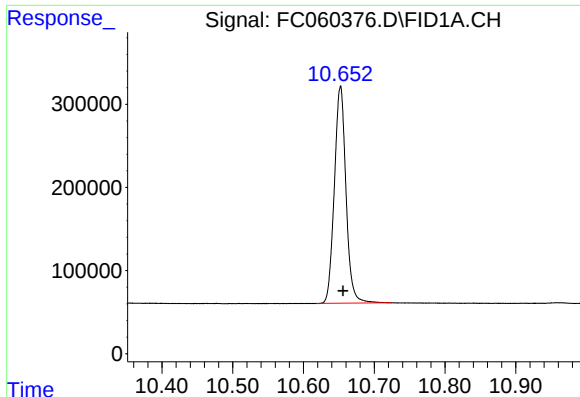
#7 n-Hexadecane (C16)

R.T.: 8.896 min
Delta R.T.: -0.005 min
Response: 2922041
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

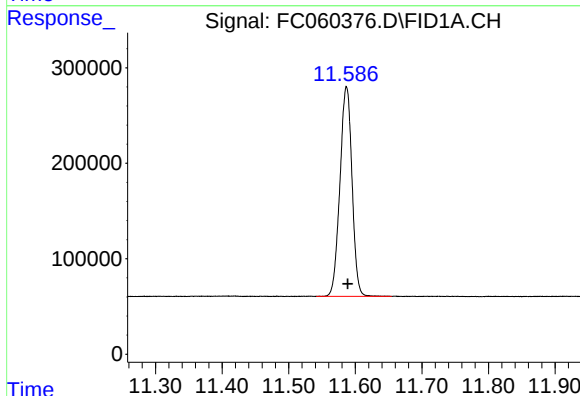
R.T.: 10.307 min
Delta R.T.: -0.002 min
Response: 2876738
Conc: 20.10 ug/ml



#9 ortho-Terphenyl (SURR)

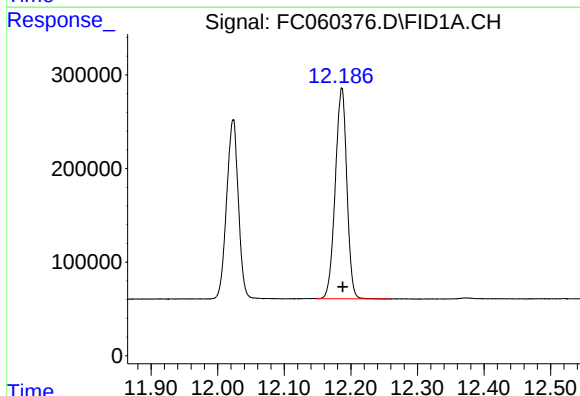
R.T.: 10.652 min
Delta R.T.: -0.004 min
Response: 2978744
Conc: 19.14 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



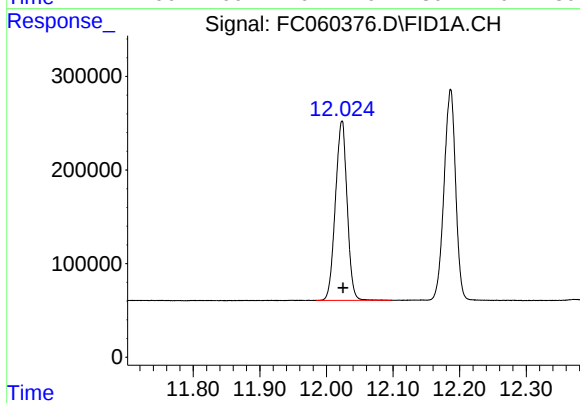
#10 n-Eicosane (C20)

R.T.: 11.587 min
Delta R.T.: -0.002 min
Response: 2767958
Conc: 19.40 ug/ml



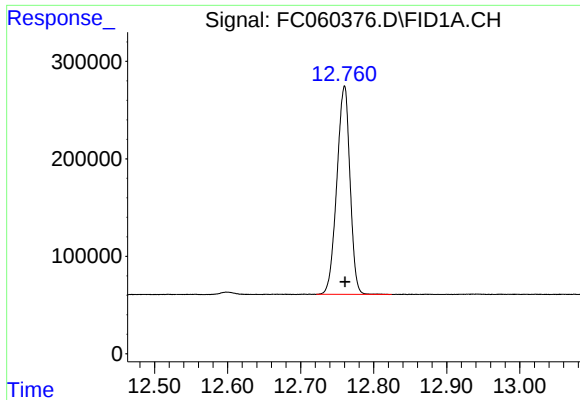
#11 n-Heneicosane (C21)

R.T.: 12.186 min
Delta R.T.: -0.002 min
Response: 2725433
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

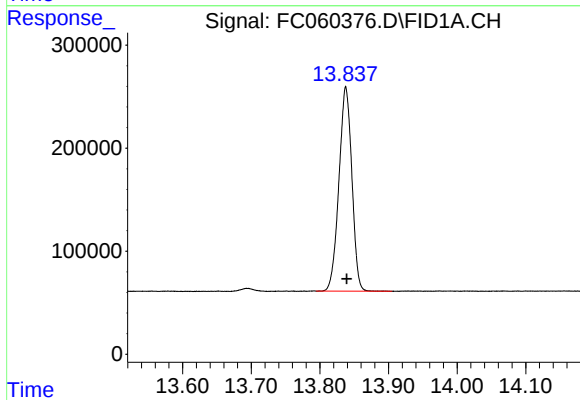
R.T.: 12.023 min
Delta R.T.: -0.002 min
Response: 2346161
Conc: 18.92 ug/ml



#13 n-Docosane (C22)

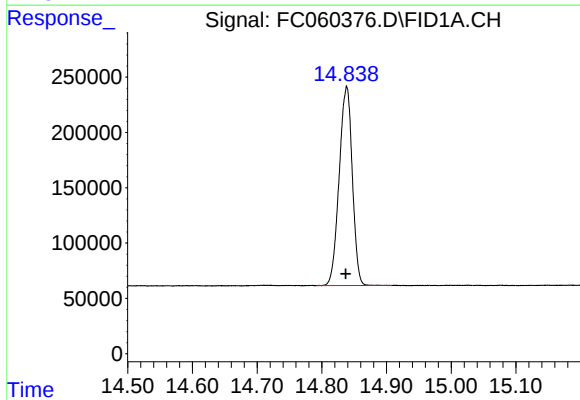
R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 2678927
Conc: 18.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



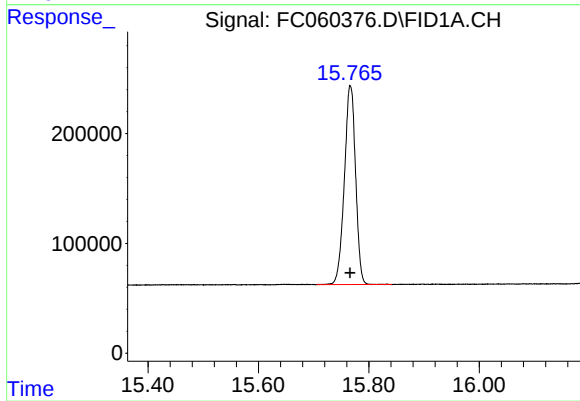
#14 n-Tetracosane (C24)

R.T.: 13.838 min
Delta R.T.: -0.001 min
Response: 2593488
Conc: 18.48 ug/ml



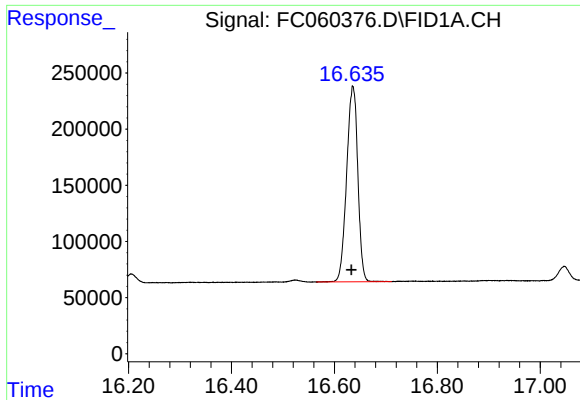
#15 n-Hexacosane (C26)

R.T.: 14.838 min
Delta R.T.: 0.000 min
Response: 2535014
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

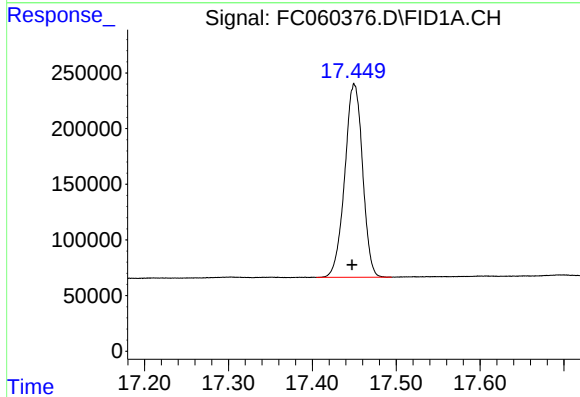
R.T.: 15.767 min
Delta R.T.: 0.000 min
Response: 2555989
Conc: 19.63 ug/ml



#17 n-Tricontane (C30)

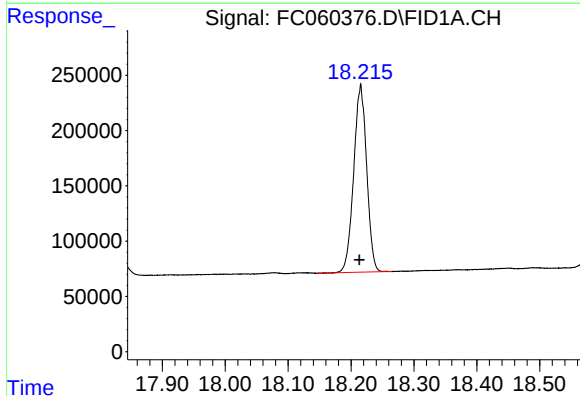
R.T.: 16.636 min
Delta R.T.: 0.003 min
Response: 2616918
Conc: 21.38 ug/ml

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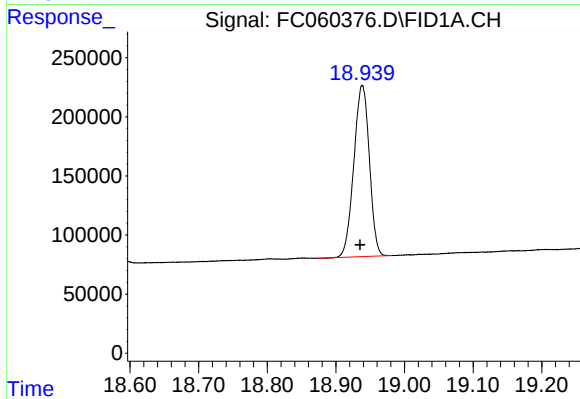
#18 n-Dotriacontane (C32)

R.T.: 17.450 min
Delta R.T.: 0.003 min
Response: 2559353
Conc: 22.95 ug/ml



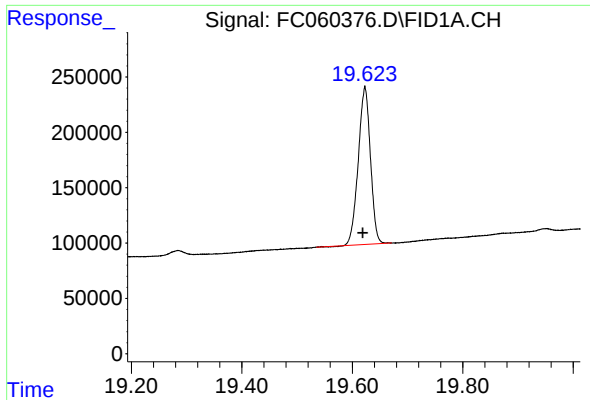
#19 n-Tetratriacontane (C34)

R.T.: 18.215 min
Delta R.T.: 0.002 min
Response: 2424591
Conc: 23.77 ug/ml



#20 n-Hexatriacontane (C36)

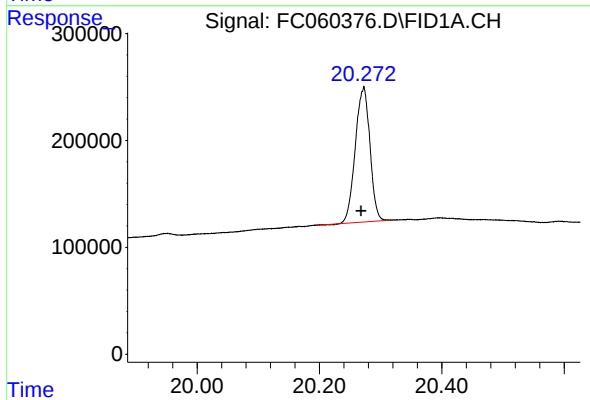
R.T.: 18.938 min
Delta R.T.: 0.003 min
Response: 2276676
Conc: 24.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.623 min
Delta R.T.: 0.004 min
Response: 2173185
Conc: 23.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.272 min
Delta R.T.: 0.004 min
Response: 2084663
Conc: 22.16 ug/ml