

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121118AL\
 Data File : FC038110.D
 Signal(s) : FID1A.CH
 Acq On : 11 Dec 2018 6:42
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 11 09:44:45 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 10 17:11:09 2018
 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)	11.281	2643991	20.281 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	12.724	2012338	19.959 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.121	2217739	21.325 ug/ml
2) T n-Decane (C10)	4.177	2236919	21.358 ug/ml
3) T A~Naphthalene (C11.7)	5.736	2516118	21.420 ug/ml
4) T n-Dodecane (C12)	6.180	2303068	21.332 ug/ml
5) T A~2-methylnaphthalene...	6.784	2502616	21.299 ug/ml
6) T n-Tetradecane (C14)	7.962	2366397	21.187 ug/ml
7) T n-Hexadecane (C16)	9.551	2397832	20.785 ug/ml
8) T n-Octadecane (C18)	10.984	2423287	20.047 ug/ml
10) T n-Eicosane (C20)	12.286	2399268	19.975 ug/ml
11) T n-Heneicosane (C21)	12.895	2369564	20.421 ug/ml
13) T n-Docosane (C22)	13.478	2356896	20.393 ug/ml
14) T n-Tetracosane (C24)	14.576	2329292	20.287 ug/ml
15) T n-Hexacosane (C26)	15.591	2254454	20.041 ug/ml
16) T n-Octacosane (C28)	16.537	2272298	20.216 ug/ml
17) T n-Tricontane (C30)	17.419	2229747	20.317 ug/ml
18) T n-Dotriacontane (C32)	18.249	2095695	20.461 ug/ml
19) T n-Tetratriacontane (C34)	19.028	1826276	20.723 ug/ml
20) T n-Hexatriacontane (C36)	19.764	1655894	21.137 ug/mlm
21) T n-Octatriacontane (C38)	20.466	1604049	20.729 ug/ml
22) T n-Tetracontane (C40)	21.270	1672798	19.143 ug/ml

(f)=RT Delta > 1/2 Window

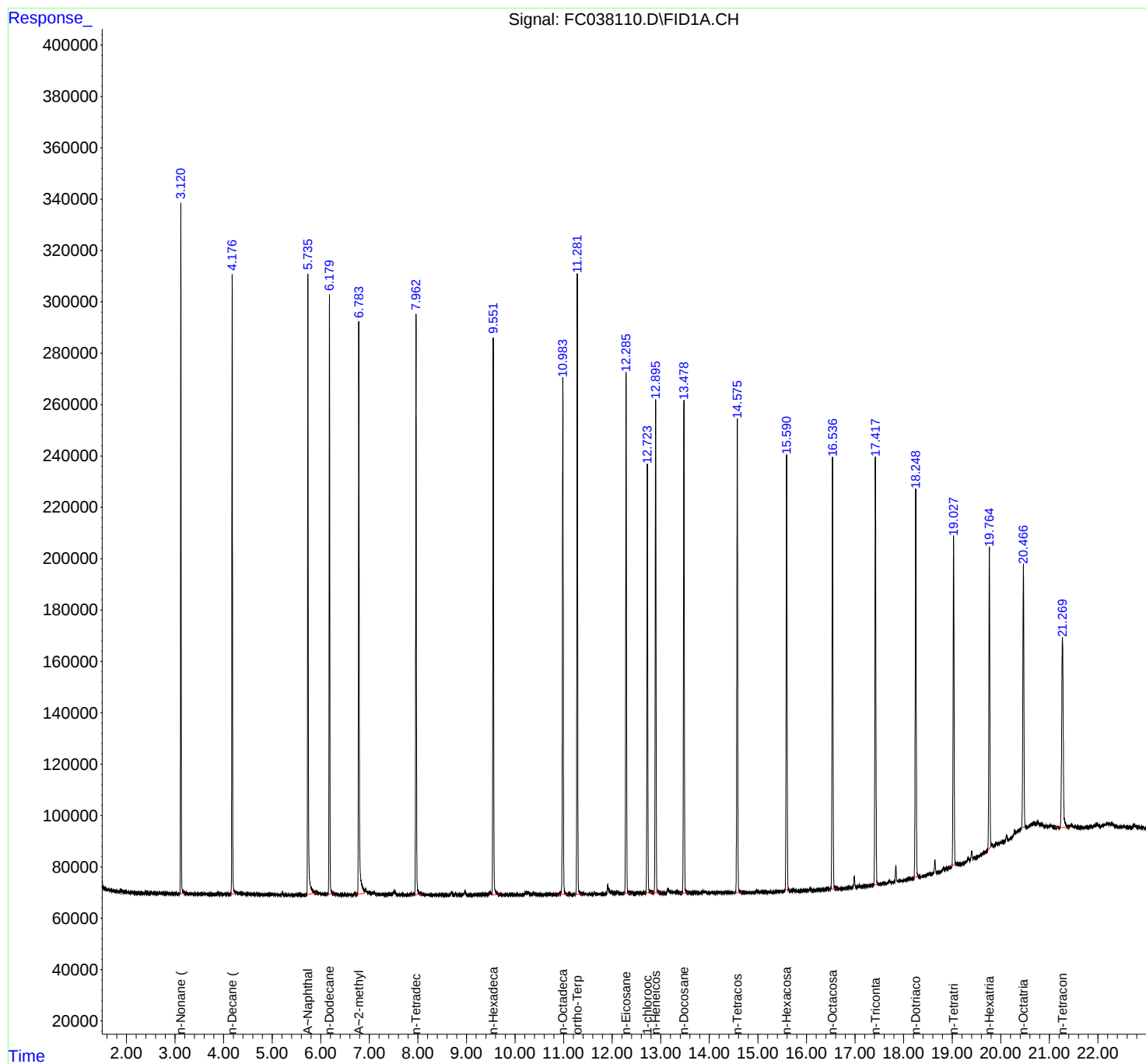
(m)=manual int.

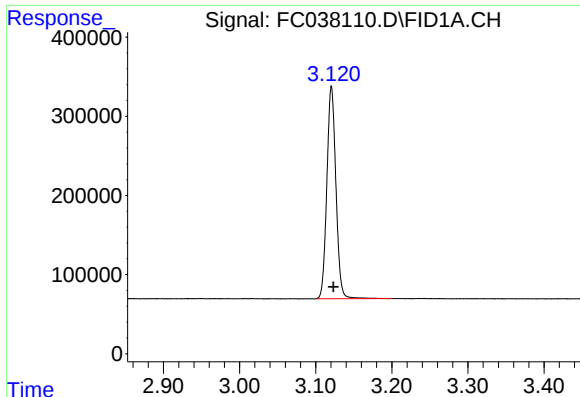
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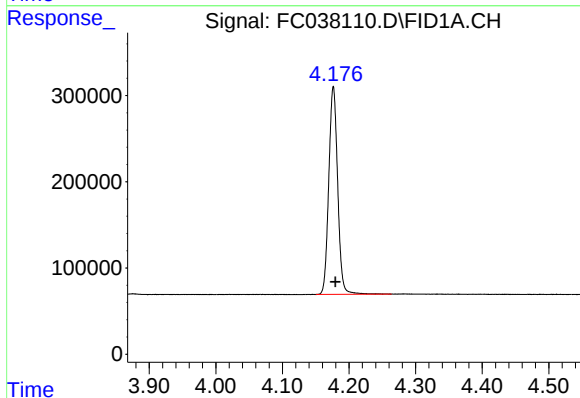




#1 n-Nonane (C9)

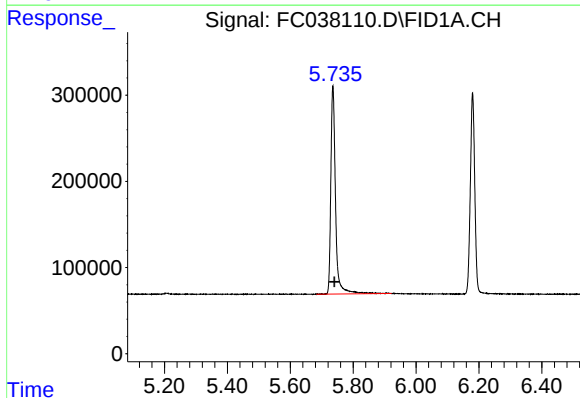
R.T.: 3.121 min
Delta R.T.: -0.002 min
Response: 2217739
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



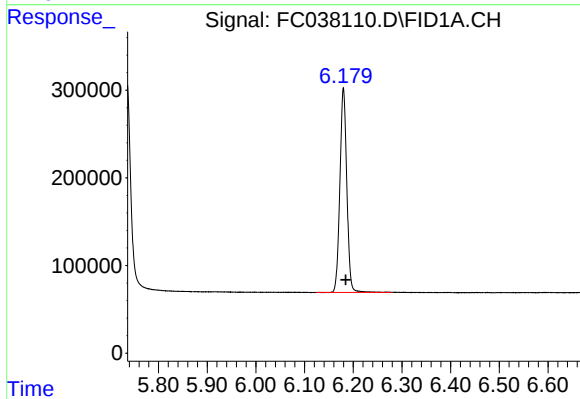
#2 n-Decane (C10)

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 2236919
Conc: 21.36 ug/ml



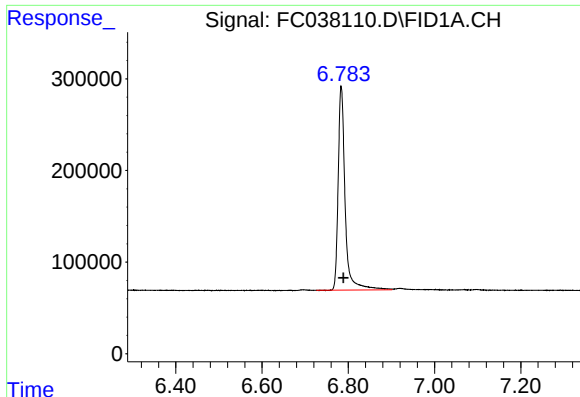
#3 A~Naphthalene (C11.7)

R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 2516118
Conc: 21.42 ug/ml



#4 n-Dodecane (C12)

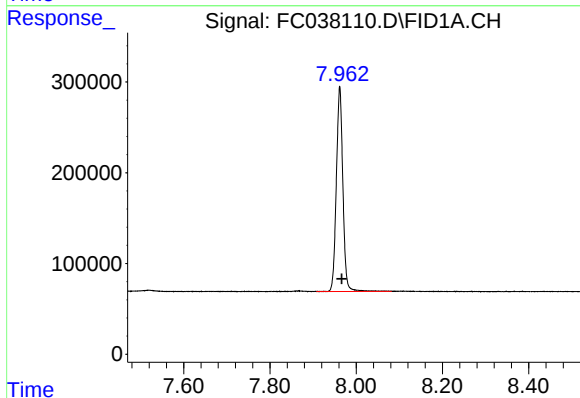
R.T.: 6.180 min
Delta R.T.: -0.005 min
Response: 2303068
Conc: 21.33 ug/ml



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

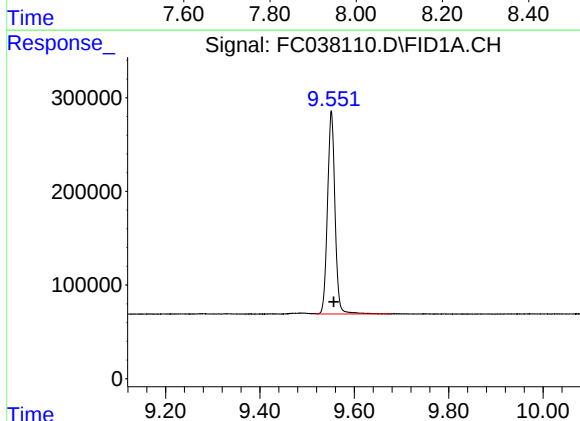
R.T.: 6.784 min
Delta R.T.: -0.005 min
Response: 2502616
Conc: 21.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



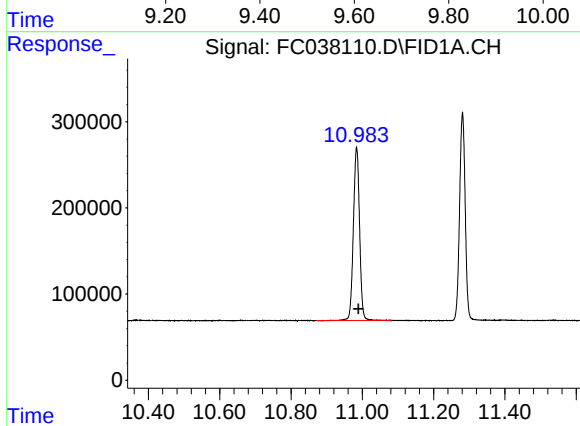
#6 n-Tetradecane (C14)

R.T.: 7.962 min
Delta R.T.: -0.005 min
Response: 2366397
Conc: 21.19 ug/ml



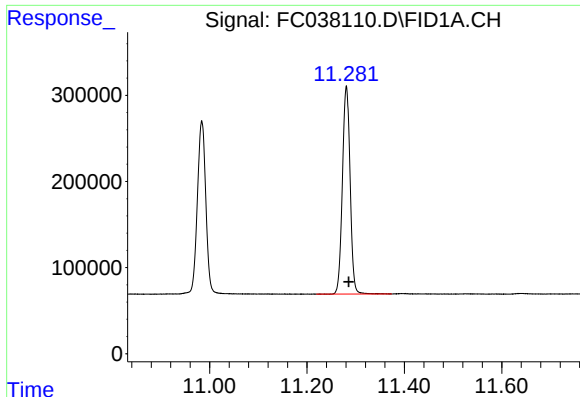
#7 n-Hexadecane (C16)

R.T.: 9.551 min
Delta R.T.: -0.005 min
Response: 2397832
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

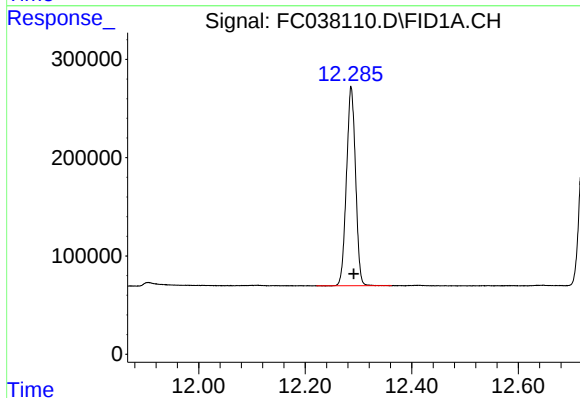
R.T.: 10.984 min
Delta R.T.: -0.005 min
Response: 2423287
Conc: 20.05 ug/ml



#9 ortho-Terphenyl (SURR)

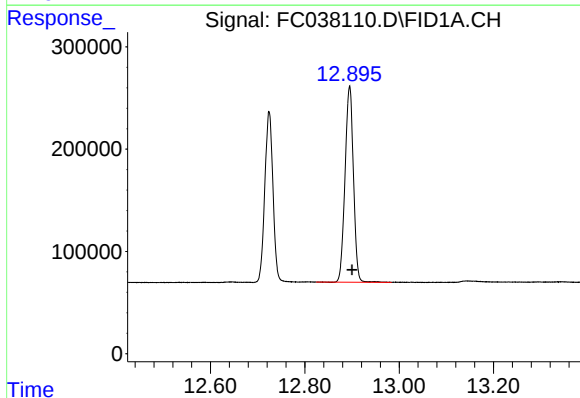
R.T.: 11.281 min
Delta R.T.: -0.005 min
Response: 2643991
Conc: 20.28 ug/ml

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FID_C
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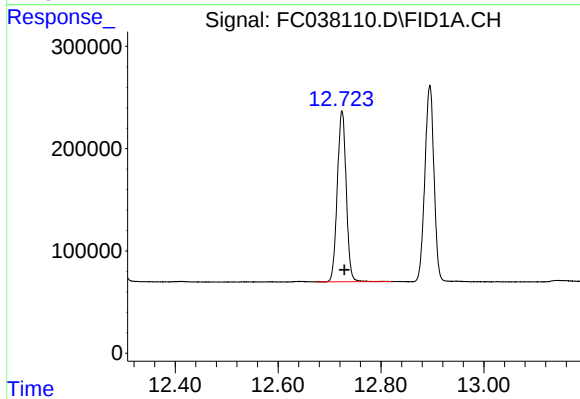
#10 n-Eicosane (C20)

R.T.: 12.286 min
Delta R.T.: -0.005 min
Response: 2399268
Conc: 19.98 ug/ml



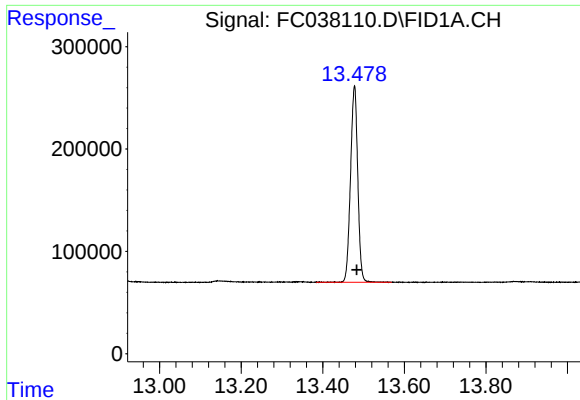
#11 n-Heneicosane (C21)

R.T.: 12.895 min
Delta R.T.: -0.005 min
Response: 2369564
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

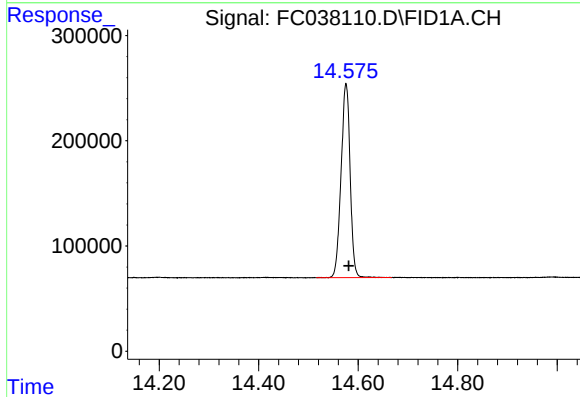
R.T.: 12.724 min
Delta R.T.: -0.005 min
Response: 2012338
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

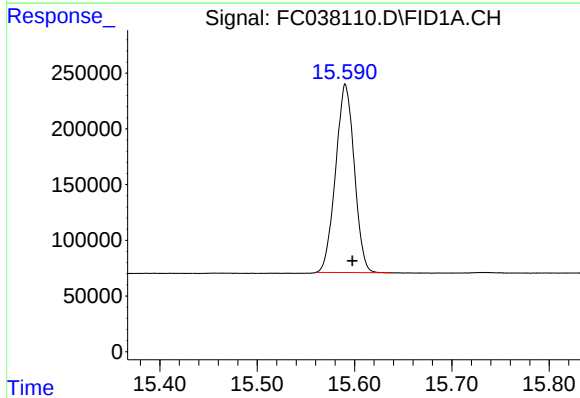
R.T.: 13.478 min
Delta R.T.: -0.005 min
Response: 2356896
Conc: 20.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



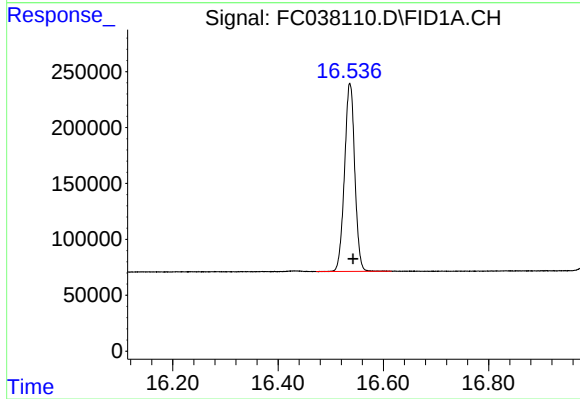
#14 n-Tetracosane (C24)

R.T.: 14.576 min
Delta R.T.: -0.005 min
Response: 2329292
Conc: 20.29 ug/ml



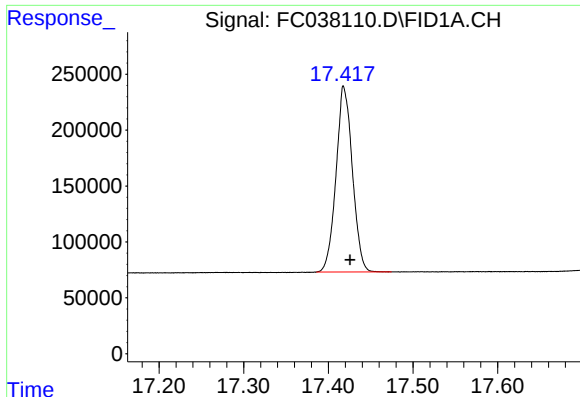
#15 n-Hexacosane (C26)

R.T.: 15.591 min
Delta R.T.: -0.007 min
Response: 2254454
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

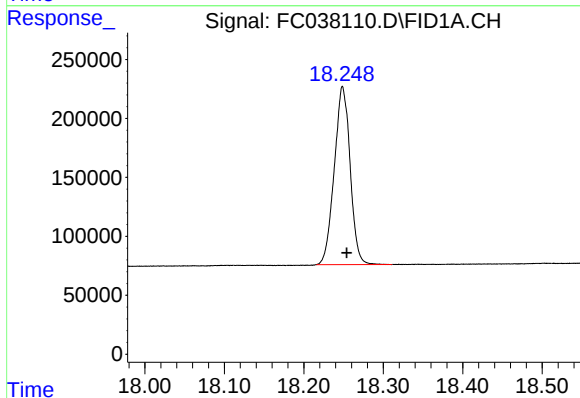
R.T.: 16.537 min
Delta R.T.: -0.006 min
Response: 2272298
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

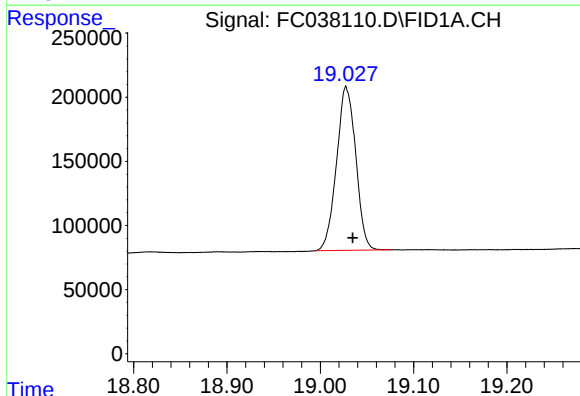
R.T.: 17.419 min
Delta R.T.: -0.007 min
Response: 2229747
Conc: 20.32 ug/ml

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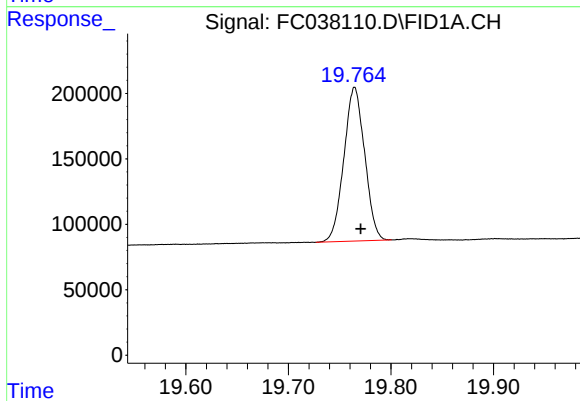
#18 n-Dotriacontane (C32)

R.T.: 18.249 min
Delta R.T.: -0.005 min
Response: 2095695
Conc: 20.46 ug/ml



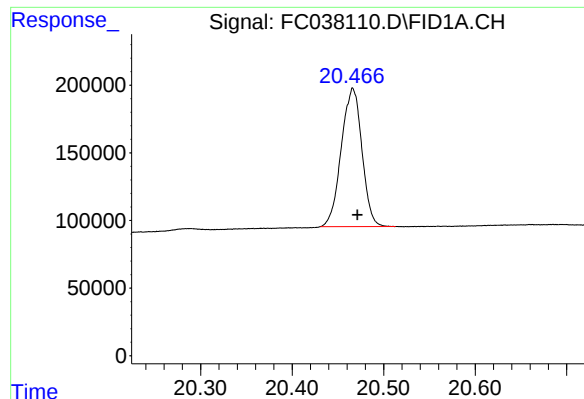
#19 n-Tetratriacontane (C34)

R.T.: 19.028 min
Delta R.T.: -0.007 min
Response: 1826276
Conc: 20.72 ug/ml



#20 n-Hexatriacontane (C36)

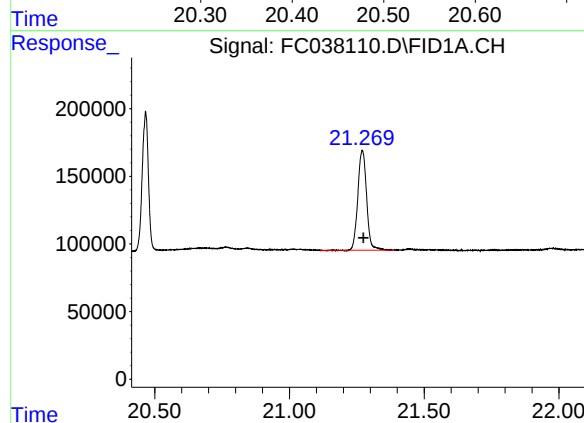
R.T.: 19.764 min
Delta R.T.: -0.007 min
Response: 1655894
Conc: 21.14 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.466 min
Delta R.T.: -0.005 min
Response: 1604049
Conc: 20.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.270 min
Delta R.T.: -0.004 min
Response: 1672798
Conc: 19.14 ug/ml