

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032422AL\
 Data File : FE035530.D
 Signal(s) : FID1B.CH
 Acq On : 25 Mar 2022 2:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 25 03:30:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 13:27:46 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)	11.353	2709959	20.432 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
12) S 1-chlorooctadecane (S...	12.787	2030994	21.597 ug/ml
Spiked Amount 50.000		Recovery =	43.19%
Target Compounds			
1) T n-Nonane (C9)	3.169	2258085	20.340 ug/ml
2) T n-Decane (C10)	4.222	2238159	20.368 ug/ml
3) T A~Naphthalene (C11.7)	5.794	2420342	20.866 ug/ml
4) T n-Dodecane (C12)	6.229	2333048	20.541 ug/ml
5) T A~2-methylnaphthalene...	6.845	2354854	20.646 ug/ml
6) T n-Tetradecane (C14)	8.015	2385973	20.864 ug/ml
7) T n-Hexadecane (C16)	9.608	2408476	20.574 ug/ml
8) T n-Octadecane (C18)	11.043	2461416	20.337 ug/ml
10) T n-Eicosane (C20)	12.346	2451096	20.472 ug/ml
11) T n-Heneicosane (C21)	12.955	2462318	20.537 ug/ml
13) T n-Docosane (C22)	13.539	2449214	20.581 ug/ml
14) T n-Tetracosane (C24)	14.636	2432522	20.703 ug/ml
15) T n-Hexacosane (C26)	15.653	2387248	21.081 ug/ml
16) T n-Octacosane (C28)	16.597	2338451	21.584 ug/ml
17) T n-Tricontane (C30)	17.481	2239348	21.930 ug/ml
18) T n-Dotriacontane (C32)	18.309	2052679	22.067 ug/ml
19) T n-Tetratriacontane (C34)	19.090	1847399	22.110 ug/ml
20) T n-Hexatriacontane (C36)	19.826	1670070	22.696 ug/ml
21) T n-Octatriacontane (C38)	20.529	1539388	24.498 ug/ml
22) T n-Tetracontane (C40)	21.336	1486274	33.120 ug/ml

(f)=RT Delta > 1/2 Window

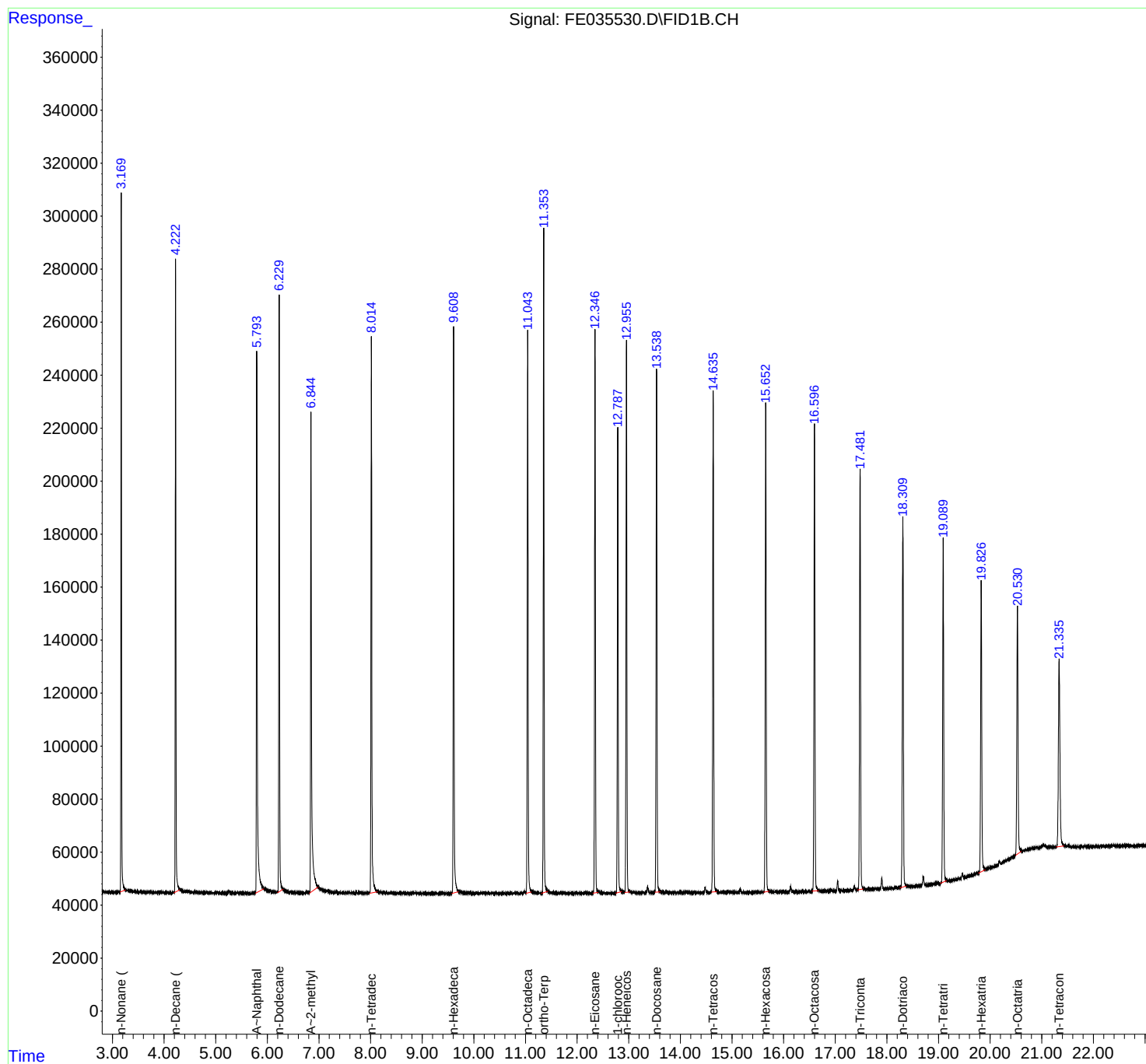
(m)=manual int.

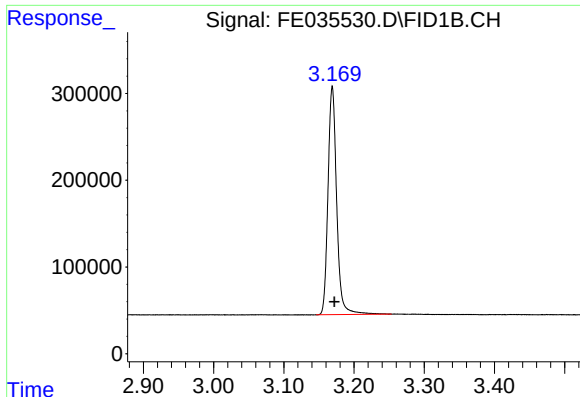
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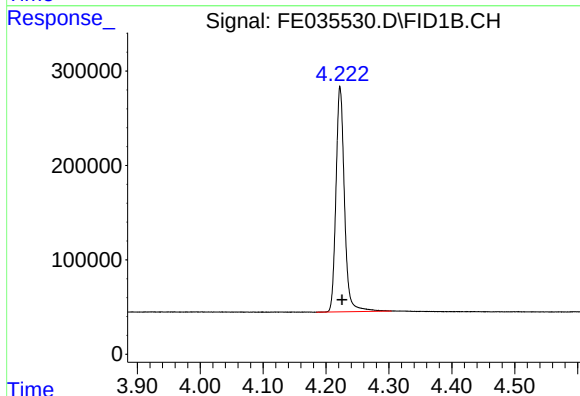




#1 n-Nonane (C9)

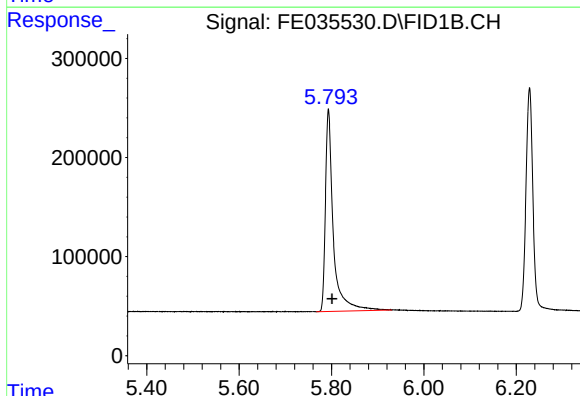
R.T.: 3.169 min
Delta R.T.: -0.003 min
Response: 2258085
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



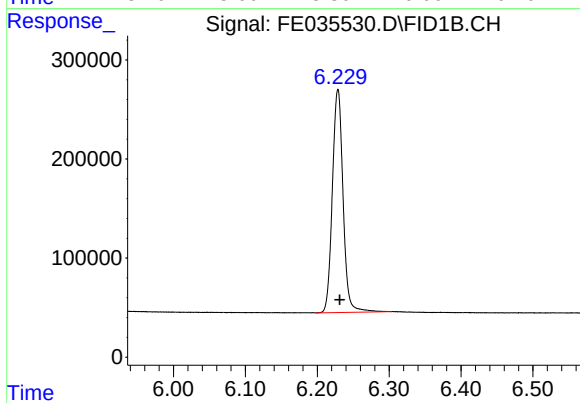
#2 n-Decane (C10)

R.T.: 4.222 min
Delta R.T.: -0.003 min
Response: 2238159
Conc: 20.37 ug/ml



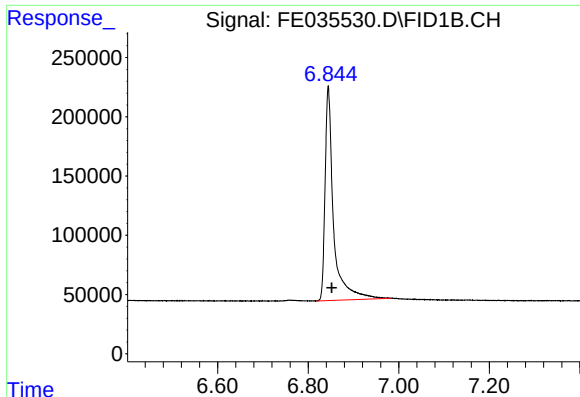
#3 A~Naphthalene (C11.7)

R.T.: 5.794 min
Delta R.T.: -0.007 min
Response: 2420342
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

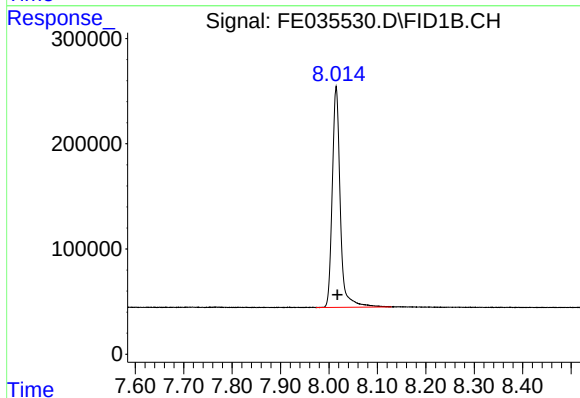
R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 2333048
Conc: 20.54 ug/ml



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

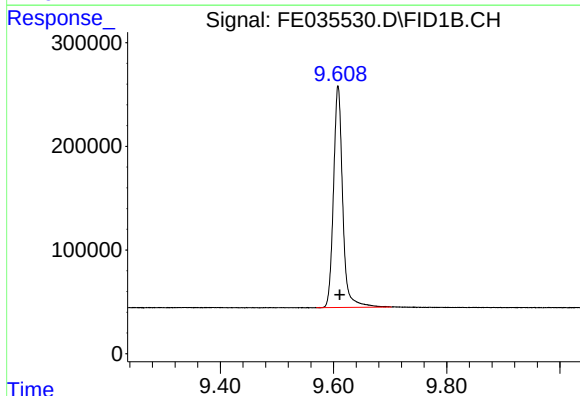
R.T.: 6.845 min
Delta R.T.: -0.008 min
Response: 2354854
Conc: 20.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



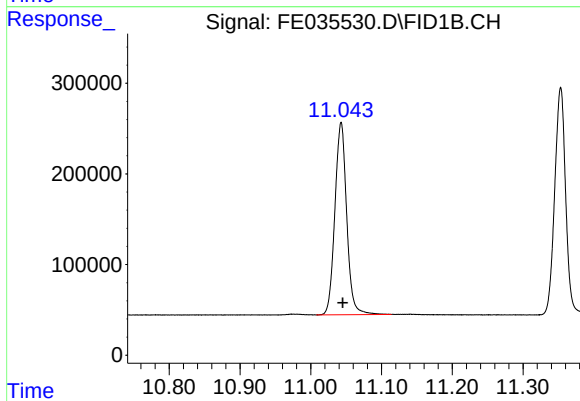
#6 n-Tetradecane (C14)

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 2385973
Conc: 20.86 ug/ml



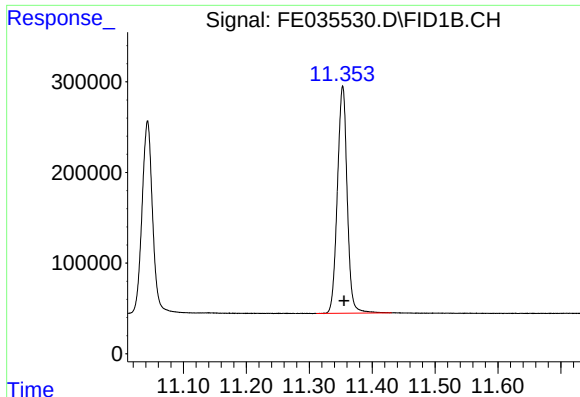
#7 n-Hexadecane (C16)

R.T.: 9.608 min
Delta R.T.: -0.003 min
Response: 2408476
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

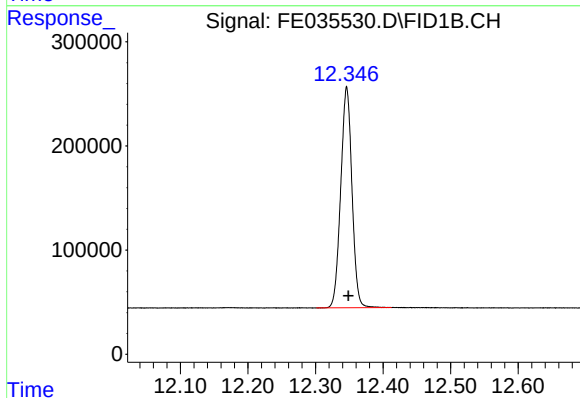
R.T.: 11.043 min
Delta R.T.: -0.002 min
Response: 2461416
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

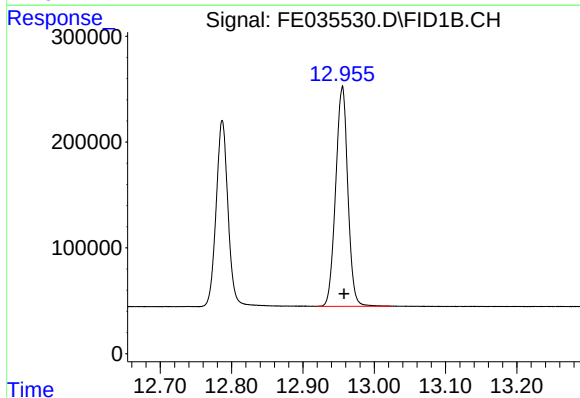
R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 2709959
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



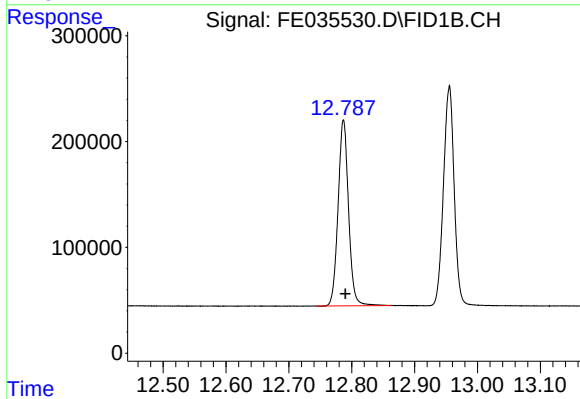
#10 n-Eicosane (C20)

R.T.: 12.346 min
Delta R.T.: -0.002 min
Response: 2451096
Conc: 20.47 ug/ml



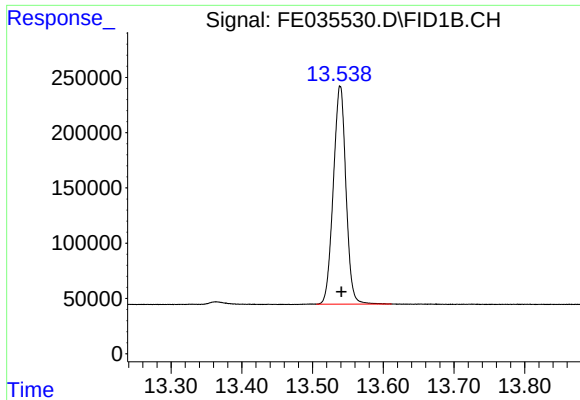
#11 n-Heneicosane (C21)

R.T.: 12.955 min
Delta R.T.: -0.002 min
Response: 2462318
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

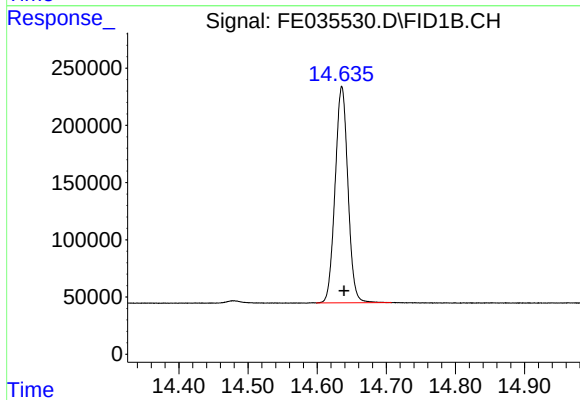
R.T.: 12.787 min
Delta R.T.: -0.003 min
Response: 2030994
Conc: 21.60 ug/ml



#13 n-Docosane (C22)

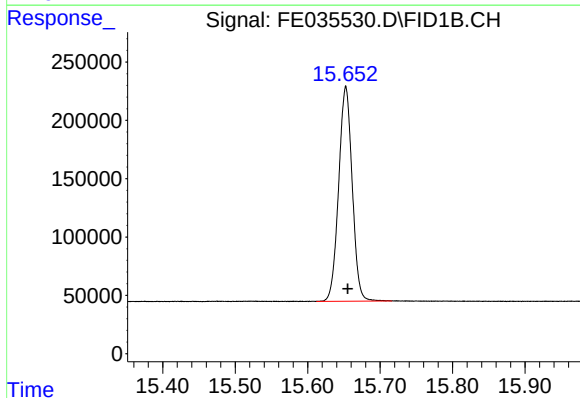
R.T.: 13.539 min
Delta R.T.: -0.002 min
Response: 2449214
Conc: 20.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



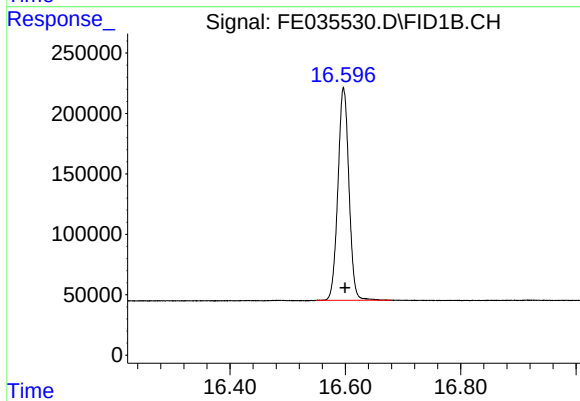
#14 n-Tetracosane (C24)

R.T.: 14.636 min
Delta R.T.: -0.003 min
Response: 2432522
Conc: 20.70 ug/ml



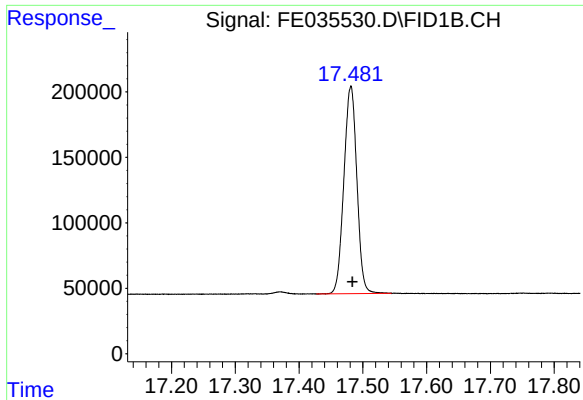
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: -0.002 min
Response: 2387248
Conc: 21.08 ug/ml



#16 n-Octacosane (C28)

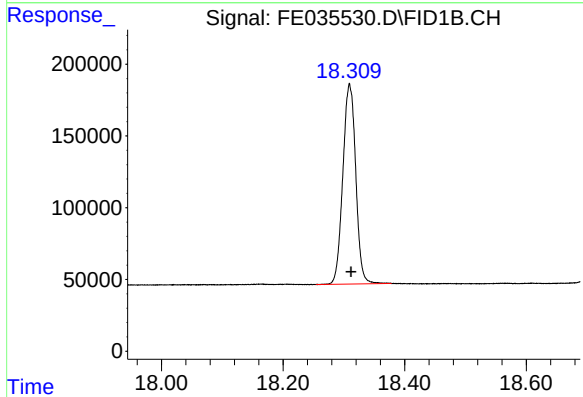
R.T.: 16.597 min
Delta R.T.: -0.003 min
Response: 2338451
Conc: 21.58 ug/ml



#17 n-Tricontane (C30)

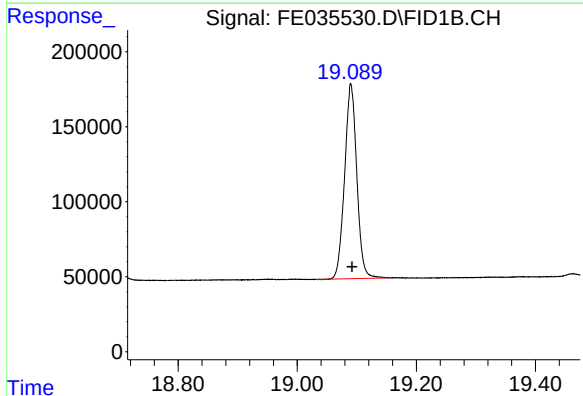
R.T.: 17.481 min
Delta R.T.: -0.003 min
Response: 2239348
Conc: 21.93 ug/ml

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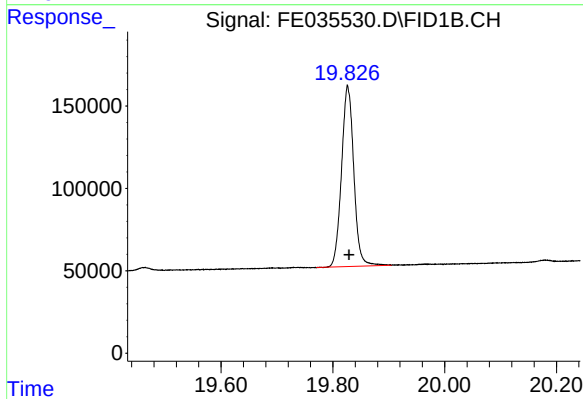
#18 n-Dotriacontane (C32)

R.T.: 18.309 min
Delta R.T.: -0.003 min
Response: 2052679
Conc: 22.07 ug/ml



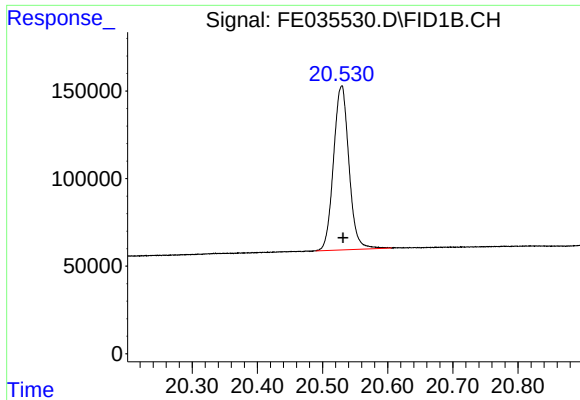
#19 n-Tetratriacontane (C34)

R.T.: 19.090 min
Delta R.T.: -0.002 min
Response: 1847399
Conc: 22.11 ug/ml



#20 n-Hexatriacontane (C36)

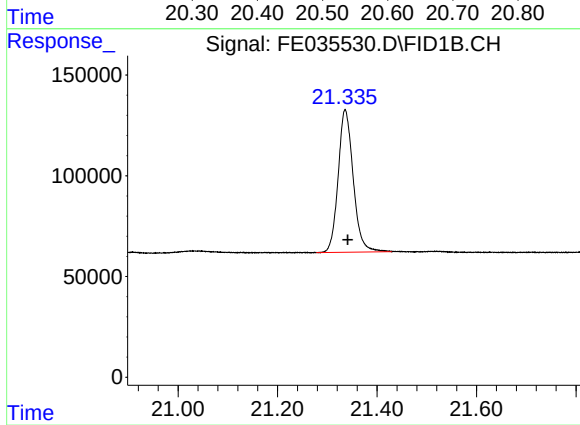
R.T.: 19.826 min
Delta R.T.: -0.002 min
Response: 1670070
Conc: 22.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.529 min
Delta R.T.: -0.002 min
Response: 1539388
Conc: 24.50 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.336 min
Delta R.T.: -0.005 min
Response: 1486274
Conc: 33.12 ug/ml