

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032322AL\
 Data File : FE035503.D
 Signal(s) : FID1B.CH
 Acq On : 23 Mar 2022 12:16
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 23 12:50:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 12:46:31 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)	11.356	1428512	11.626 ug/ml
Spiked Amount 50.000		Recovery =	23.25%
12) S 1-chlorooctadecane (S...	12.791	1010546	11.358 ug/ml
Spiked Amount 50.000		Recovery =	22.72%
Target Compounds			
1) T n-Nonane (C9)	3.172	1185757	11.385 ug/ml
2) T n-Decane (C10)	4.225	1171811	11.283 ug/ml
3) T A~Naphthalene (C11.7)	5.798	1206995	10.571 ug/ml
4) T n-Dodecane (C12)	6.231	1216483	11.370 ug/ml
5) T A~2-methylnaphthalene...	6.849	1185759	10.337 ug/ml
6) T n-Tetradecane (C14)	8.018	1220715	11.245 ug/ml
7) T n-Hexadecane (C16)	9.611	1259829	11.490 ug/ml
8) T n-Octadecane (C18)	11.046	1306521	11.664 ug/ml
10) T n-Eicosane (C20)	12.349	1294632	11.709 ug/ml
11) T n-Heneicosane (C21)	12.958	1297649	11.711 ug/ml
13) T n-Docosane (C22)	13.541	1287603	11.682 ug/ml
14) T n-Tetracosane (C24)	14.639	1267338	11.634 ug/ml
15) T n-Hexacosane (C26)	15.656	1217301	11.506 ug/ml
16) T n-Octacosane (C28)	16.601	1155435	11.348 ug/ml
17) T n-Tricontane (C30)	17.483	1084604	11.310 ug/ml
18) T n-Dotriacontane (C32)	18.313	988228	11.365 ug/ml
19) T n-Tetratriacontane (C34)	19.093	892855	11.400 ug/ml
20) T n-Hexatriacontane (C36)	19.830	783537	11.164 ug/ml
21) T n-Octatriacontane (C38)	20.532	657713	10.573 ug/ml
22) T n-Tetracontane (C40)	21.344	441393	9.183 ug/ml

(f)=RT Delta > 1/2 Window

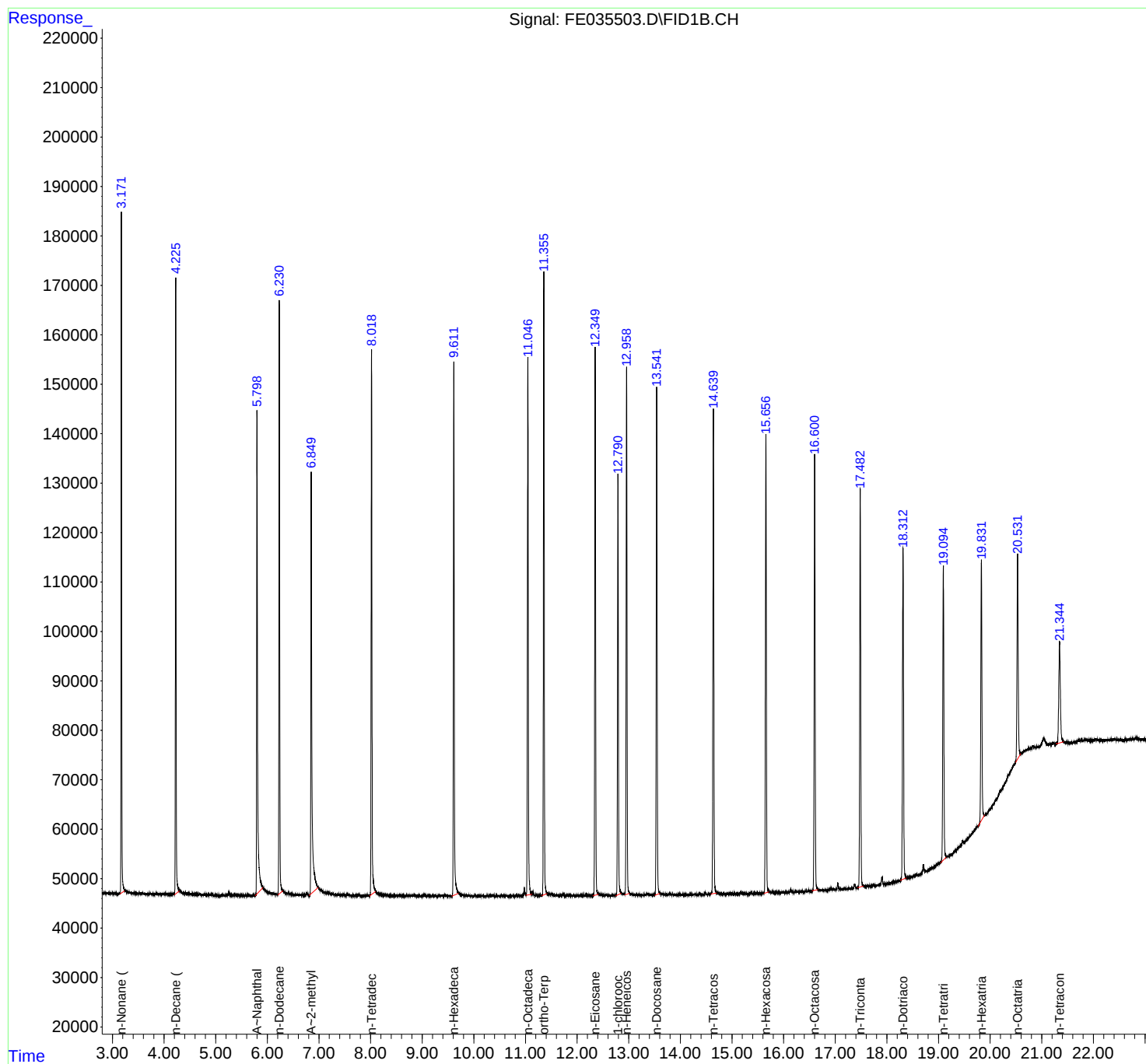
(m)=manual int.

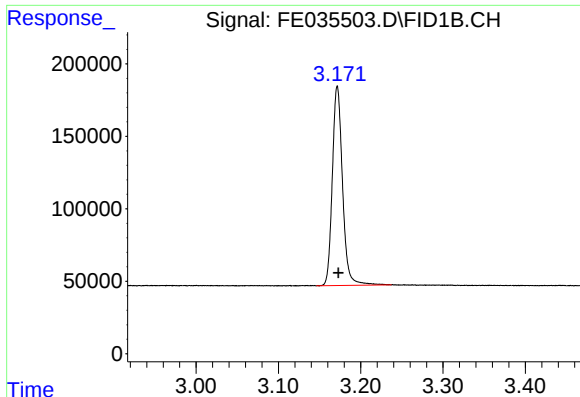
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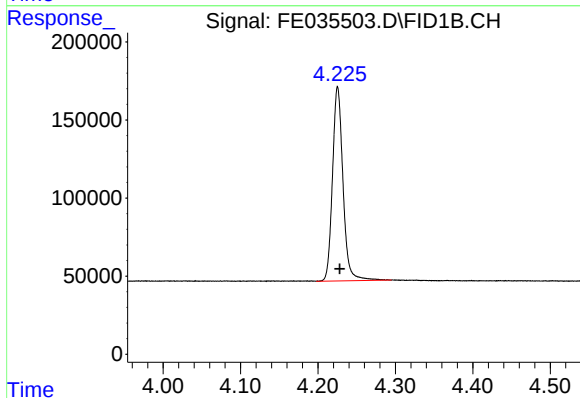




#1 n-Nonane (C9)

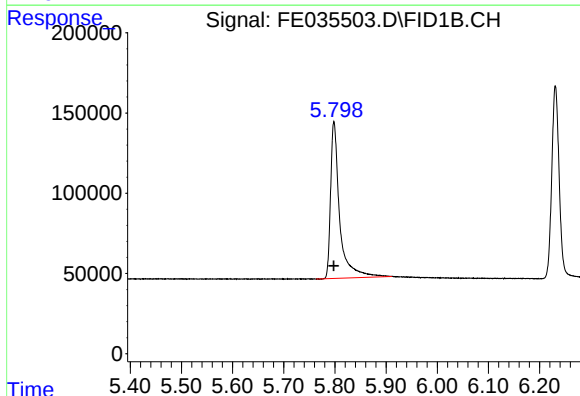
R.T.: 3.172 min
Delta R.T.: -0.001 min
Response: 1185757
Conc: 11.38 ug/ml

Instrument :
FID_E
ClientSampleId :



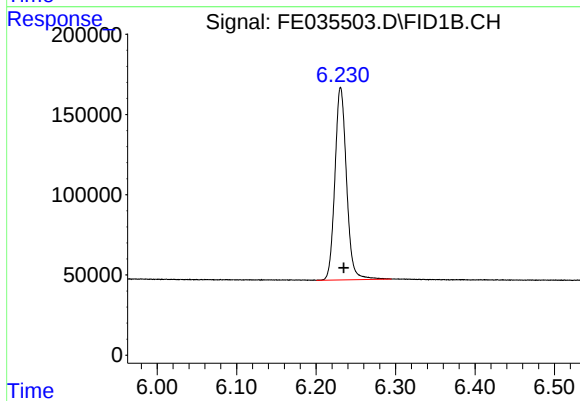
#2 n-Decane (C10)

R.T.: 4.225 min
Delta R.T.: -0.003 min
Response: 1171811
Conc: 11.28 ug/ml



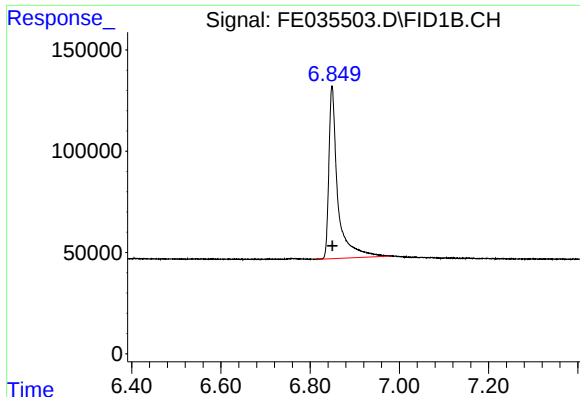
#3 A~Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 1206995
Conc: 10.57 ug/ml



#4 n-Dodecane (C12)

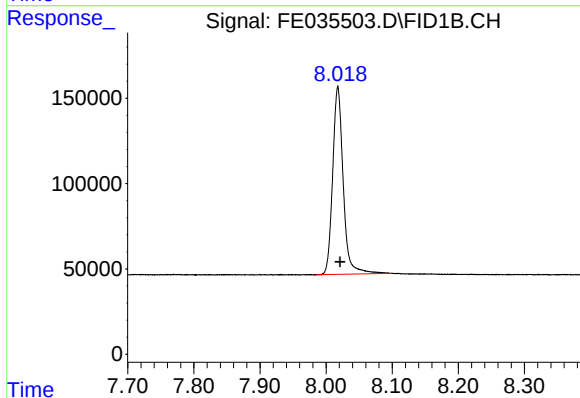
R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 1216483
Conc: 11.37 ug/ml



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

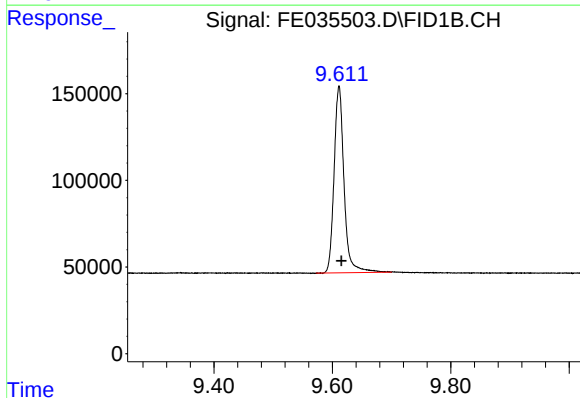
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 1185759
Conc: 10.34 ug/ml

Instrument :
FID_E
ClientSampleId :



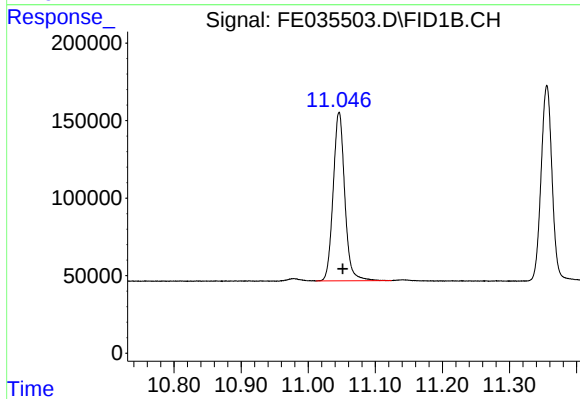
#6 n-Tetradecane (C14)

R.T.: 8.018 min
Delta R.T.: -0.003 min
Response: 1220715
Conc: 11.24 ug/ml



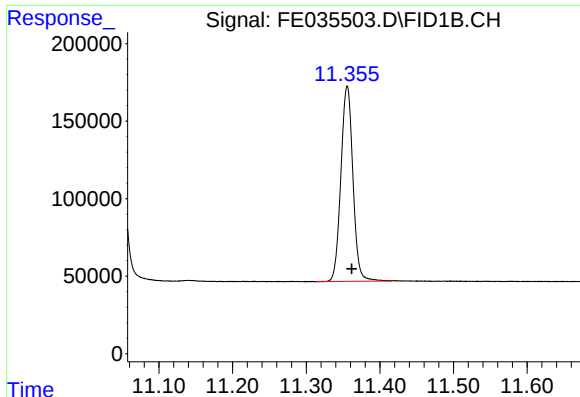
#7 n-Hexadecane (C16)

R.T.: 9.611 min
Delta R.T.: -0.004 min
Response: 1259829
Conc: 11.49 ug/ml



#8 n-Octadecane (C18)

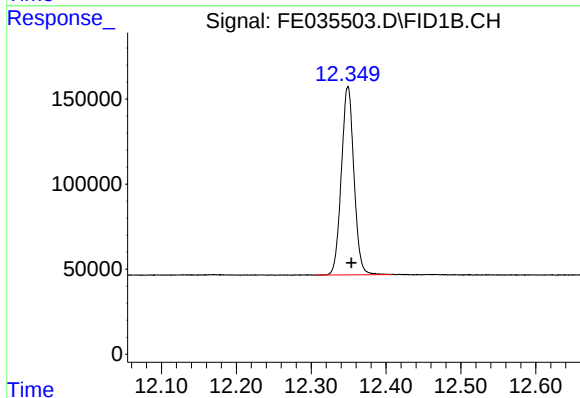
R.T.: 11.046 min
Delta R.T.: -0.005 min
Response: 1306521
Conc: 11.66 ug/ml



#9 ortho-Terphenyl (SURR)

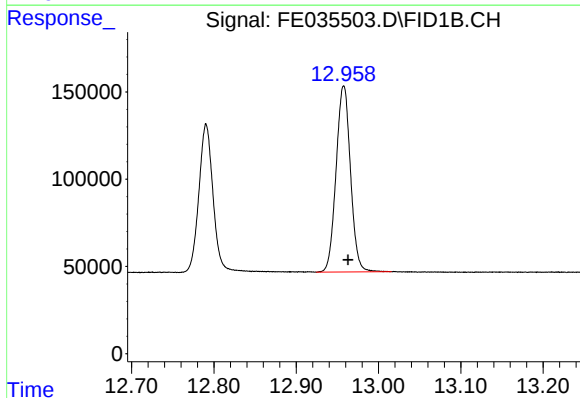
R.T.: 11.356 min
Delta R.T.: -0.006 min
Response: 1428512
Conc: 11.63 ug/ml

Instrument :
FID_E
ClientSampleId :



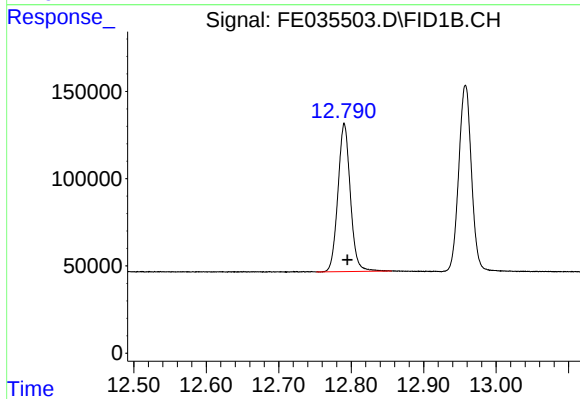
#10 n-Eicosane (C20)

R.T.: 12.349 min
Delta R.T.: -0.005 min
Response: 1294632
Conc: 11.71 ug/ml



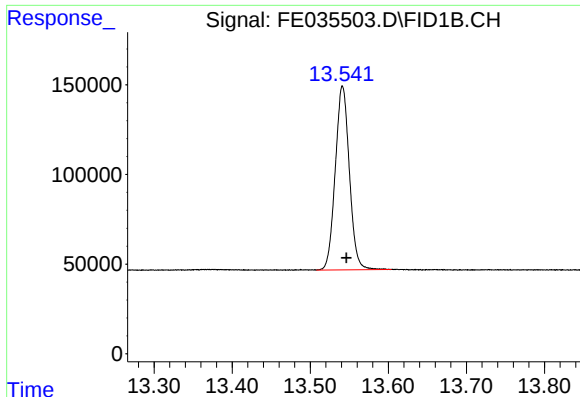
#11 n-Heneicosane (C21)

R.T.: 12.958 min
Delta R.T.: -0.005 min
Response: 1297649
Conc: 11.71 ug/ml



#12 1-chlorooctadecane (SURR)

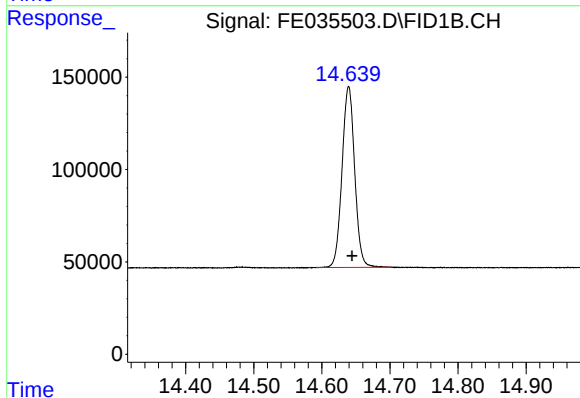
R.T.: 12.791 min
Delta R.T.: -0.004 min
Response: 1010546
Conc: 11.36 ug/ml



#13 n-Docosane (C22)

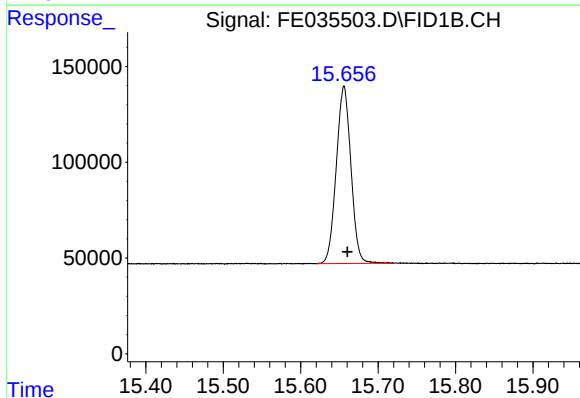
R.T.: 13.541 min
Delta R.T.: -0.005 min
Response: 1287603
Conc: 11.68 ug/ml

Instrument :
FID_E
ClientSampleId :



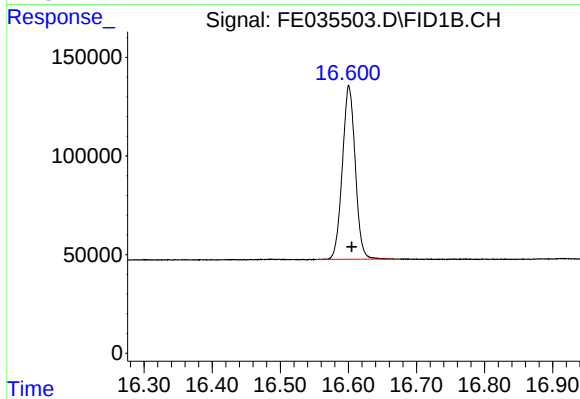
#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: -0.005 min
Response: 1267338
Conc: 11.63 ug/ml



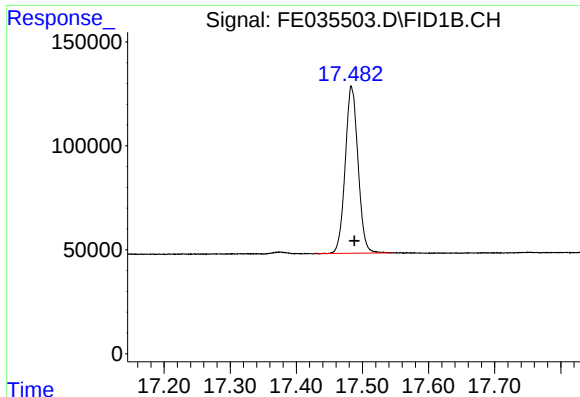
#15 n-Hexacosane (C26)

R.T.: 15.656 min
Delta R.T.: -0.004 min
Response: 1217301
Conc: 11.51 ug/ml



#16 n-Octacosane (C28)

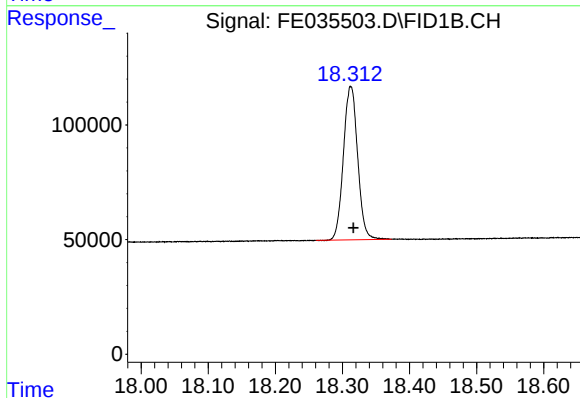
R.T.: 16.601 min
Delta R.T.: -0.004 min
Response: 1155435
Conc: 11.35 ug/ml



#17 n-Tricontane (C30)

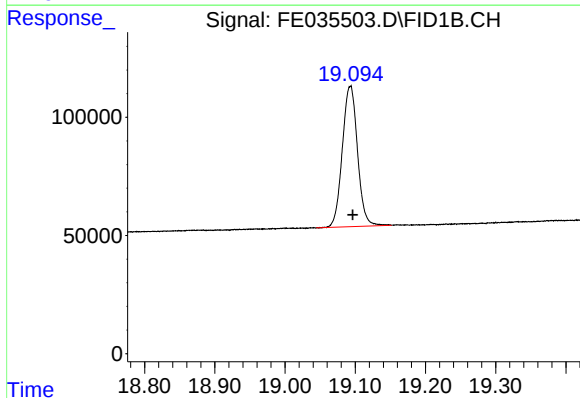
R.T.: 17.483 min
Delta R.T.: -0.004 min
Response: 1084604
Conc: 11.31 ug/ml

Instrument :
FID_E
ClientSampleId :



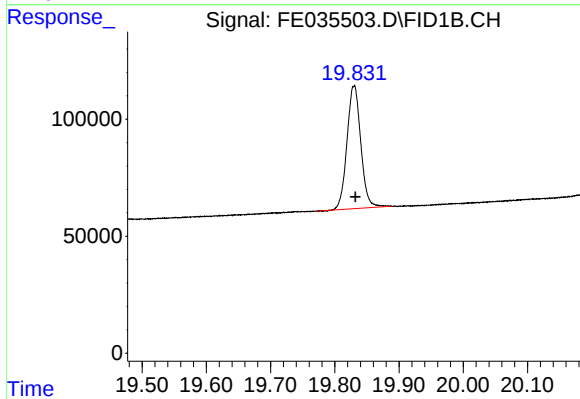
#18 n-Dotriacontane (C32)

R.T.: 18.313 min
Delta R.T.: -0.004 min
Response: 988228
Conc: 11.37 ug/ml



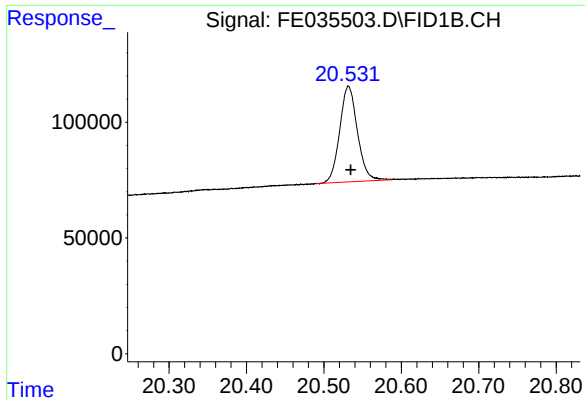
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: -0.003 min
Response: 892855
Conc: 11.40 ug/ml



#20 n-Hexatriacontane (C36)

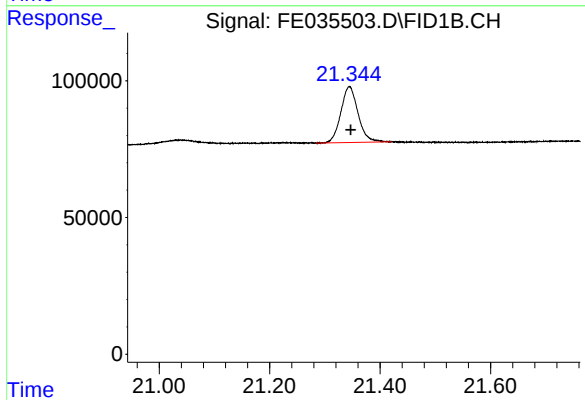
R.T.: 19.830 min
Delta R.T.: -0.002 min
Response: 783537
Conc: 11.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: -0.003 min
Response: 657713
Conc: 10.57 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.344 min
Delta R.T.: -0.002 min
Response: 441393
Conc: 9.18 ug/ml