

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
 Data File : FE035950.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 12:20
 Operator : YP\AJ
 Sample : N1645-07
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 08 03:23:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.945	567004	4.274 ug/ml
Spiked Amount 50.000		Recovery =	8.55%
12) S 1-chlorooctadecane (S...	12.378	3625069	34.655 ug/ml
Spiked Amount 50.000		Recovery =	69.31%
Target Compounds			
1) T n-Nonane (C9)	2.800	176886	1.481 ug/ml
2) T n-Decane (C10)	3.813	224715	1.899 ug/ml
4) T n-Dodecane (C12)	5.802	368149	3.073 ug/ml
6) T n-Tetradecane (C14)	7.590	279561	2.346 ug/ml
7) T n-Hexadecane (C16)	9.188	271328	2.276 ug/ml
8) T n-Octadecane (C18)	10.625	293546	2.449 ug/ml
10) T n-Eicosane (C20)	11.932	296187	2.483 ug/ml
11) T n-Heneicosane (C21)	12.543	297215	2.475 ug/ml
13) T n-Docosane (C22)	13.127	297812	2.473 ug/ml
14) T n-Tetracosane (C24)	14.227	359149	2.968 ug/ml
15) T n-Hexacosane (C26)	15.245	301560	2.492 ug/ml
16) T n-Octacosane (C28)	16.192	306930	2.533 ug/ml
17) T n-Tricontane (C30)	17.078	324344	2.697 ug/ml
18) T n-Dotriacontane (C32)	17.908	324288	2.822 ug/ml
19) T n-Tetratriacontane (C34)	18.690	291647	2.696 ug/ml
20) T n-Hexatriacontane (C36)	19.427	244191	2.424 ug/ml
21) T n-Octatriacontane (C38)	20.161	223393	2.345 ug/ml

(f)=RT Delta > 1/2 Window

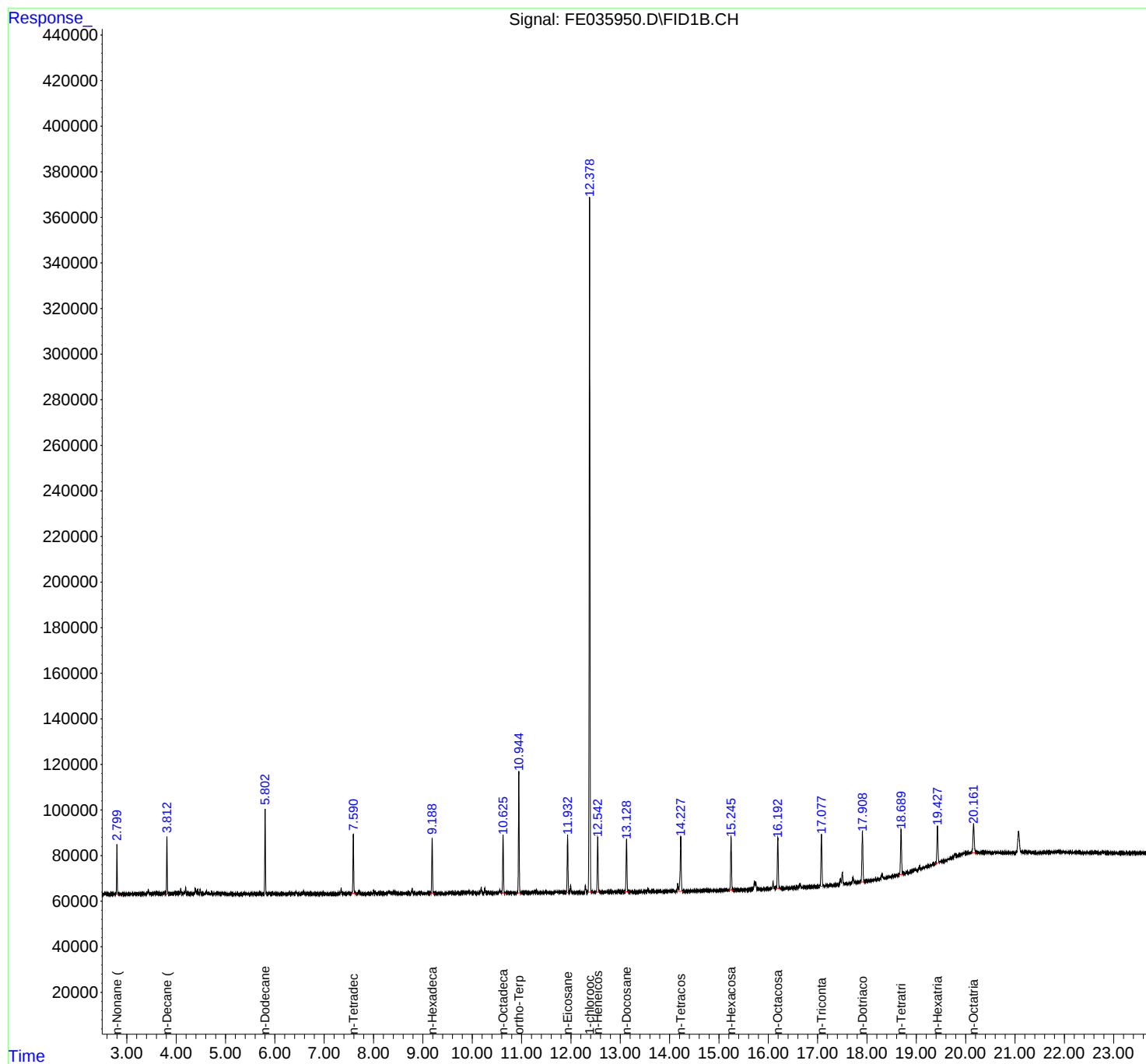
(m)=manual int.

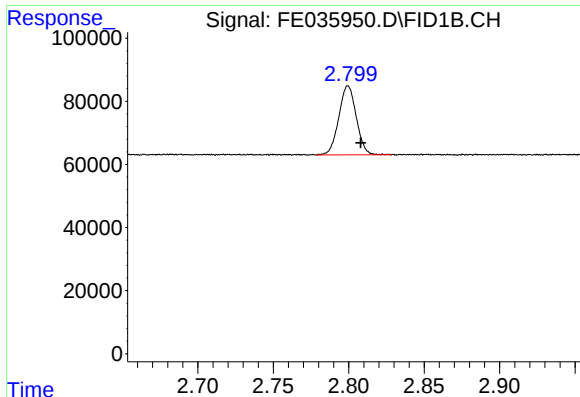
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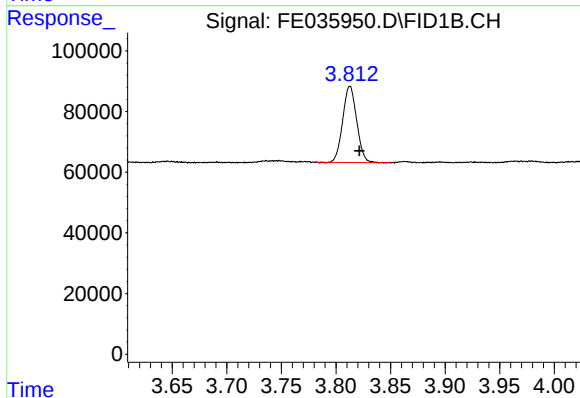




#1 n-Nonane (C9)

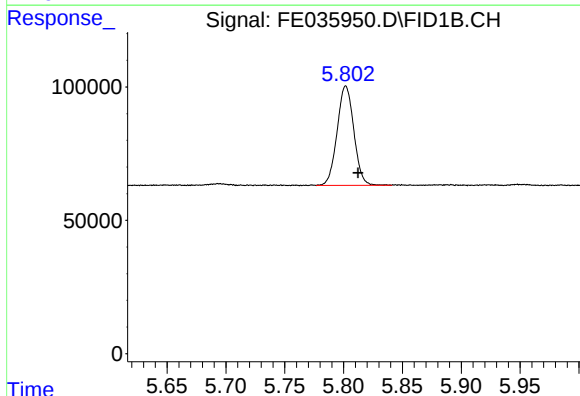
R.T.: 2.800 min
Delta R.T.: -0.008 min
Response: 176886
Conc: 1.48 ug/ml

Instrument :
FID_E
ClientSampleId :



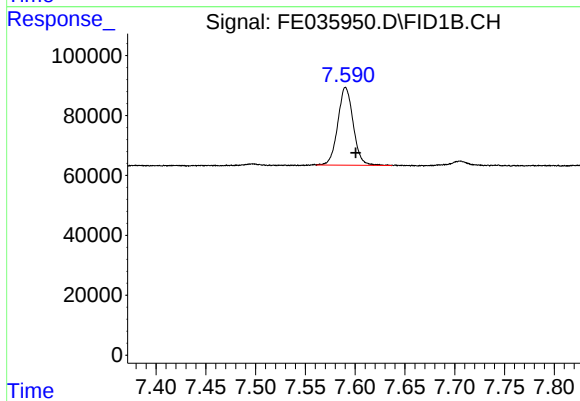
#2 n-Decane (C10)

R.T.: 3.813 min
Delta R.T.: -0.009 min
Response: 224715
Conc: 1.90 ug/ml



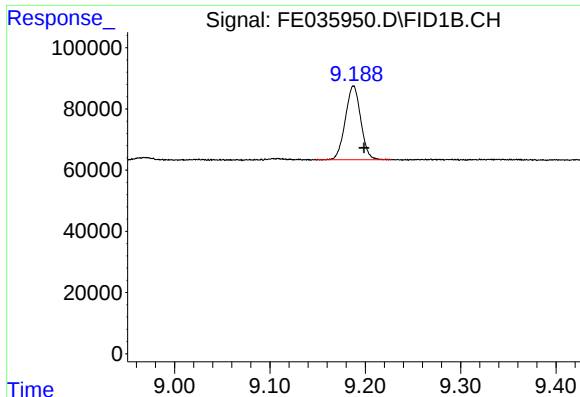
#4 n-Dodecane (C12)

R.T.: 5.802 min
Delta R.T.: -0.010 min
Response: 368149
Conc: 3.07 ug/ml



#6 n-Tetradecane (C14)

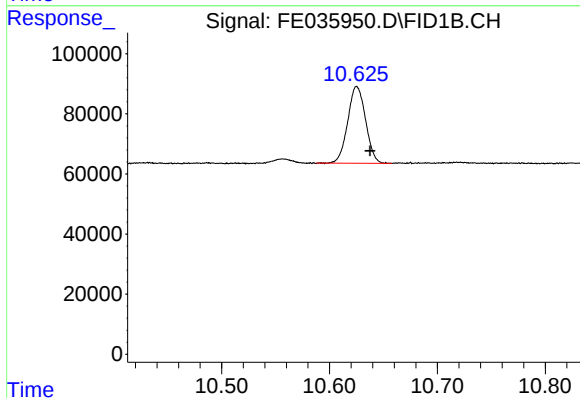
R.T.: 7.590 min
Delta R.T.: -0.010 min
Response: 279561
Conc: 2.35 ug/ml



#7 n-Hexadecane (C16)

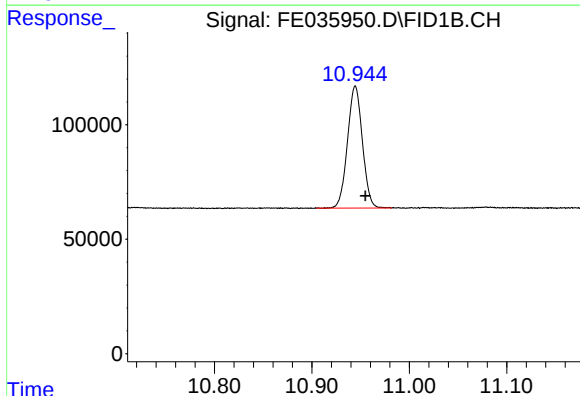
R.T.: 9.188 min
Delta R.T.: -0.011 min
Response: 271328
Conc: 2.28 ug/ml

Instrument :
FID_E
ClientSampleId :



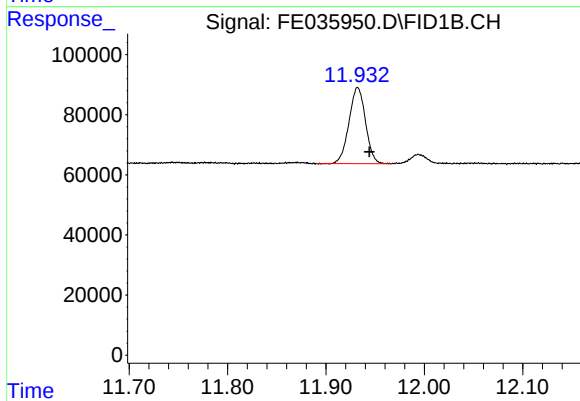
#8 n-Octadecane (C18)

R.T.: 10.625 min
Delta R.T.: -0.012 min
Response: 293546
Conc: 2.45 ug/ml



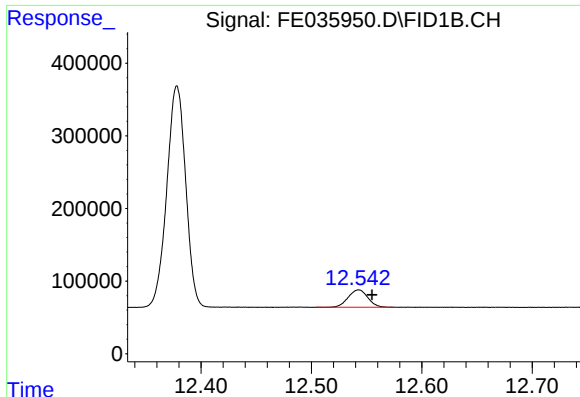
#9 ortho-Terphenyl (SURR)

R.T.: 10.945 min
Delta R.T.: -0.010 min
Response: 567004
Conc: 4.27 ug/ml



#10 n-Eicosane (C20)

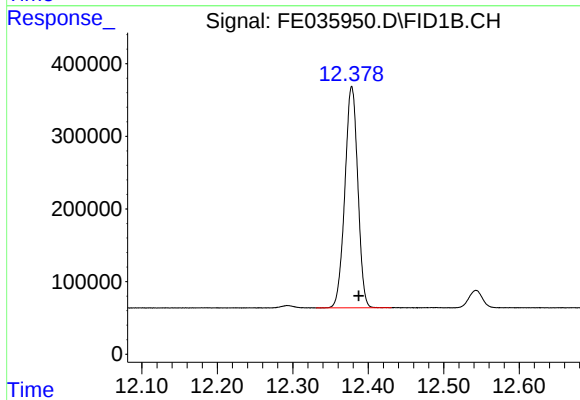
R.T.: 11.932 min
Delta R.T.: -0.012 min
Response: 296187
Conc: 2.48 ug/ml



#11 n-Heneicosane (C21)

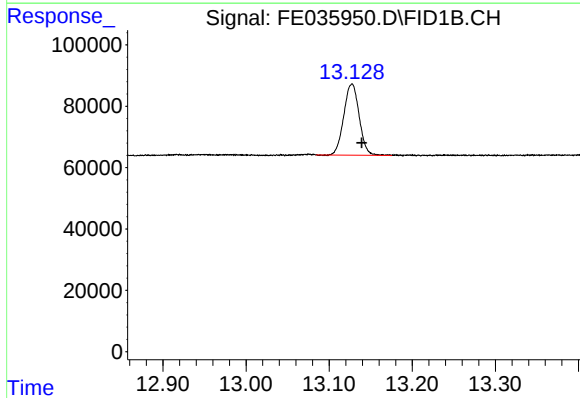
R.T.: 12.543 min
Delta R.T.: -0.012 min
Response: 297215
Conc: 2.48 ug/ml

Instrument :
FID_E
ClientSampleId :



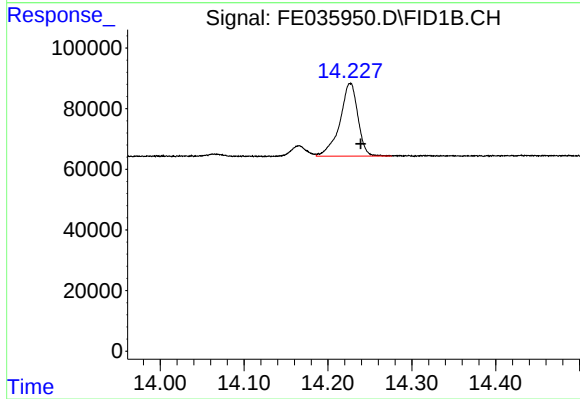
#12 1-chlorooctadecane (SURR)

R.T.: 12.378 min
Delta R.T.: -0.009 min
Response: 3625069
Conc: 34.65 ug/ml



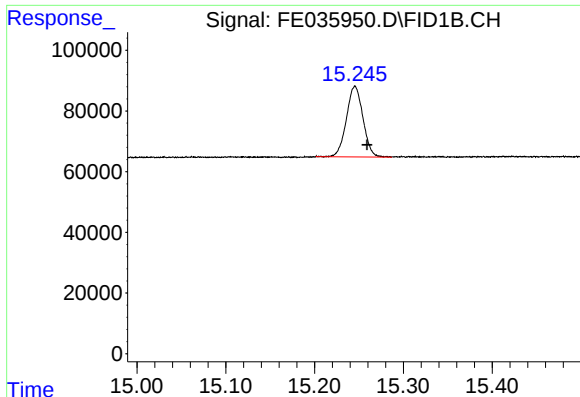
#13 n-Docosane (C22)

R.T.: 13.127 min
Delta R.T.: -0.012 min
Response: 297812
Conc: 2.47 ug/ml



#14 n-Tetracosane (C24)

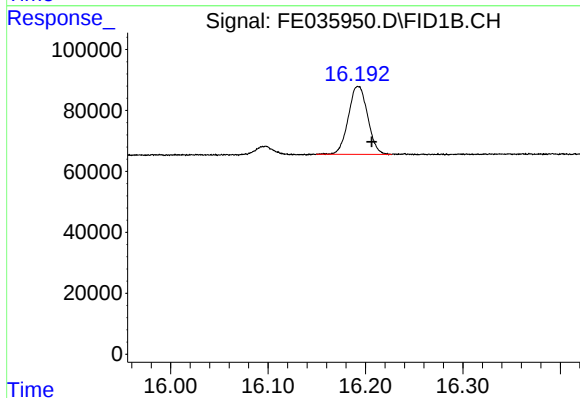
R.T.: 14.227 min
Delta R.T.: -0.012 min
Response: 359149
Conc: 2.97 ug/ml



#15 n-Hexacosane (C26)

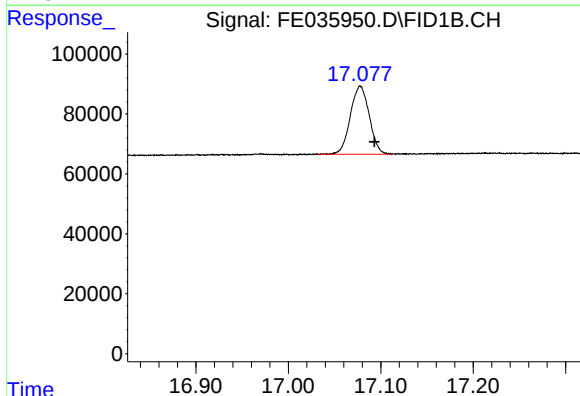
R.T.: 15.245 min
Delta R.T.: -0.014 min
Response: 301560
Conc: 2.49 ug/ml

Instrument :
FID_E
ClientSampleId :



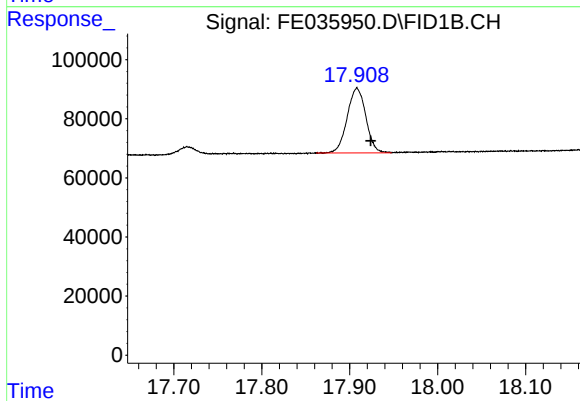
#16 n-Octacosane (C28)

R.T.: 16.192 min
Delta R.T.: -0.014 min
Response: 306930
Conc: 2.53 ug/ml



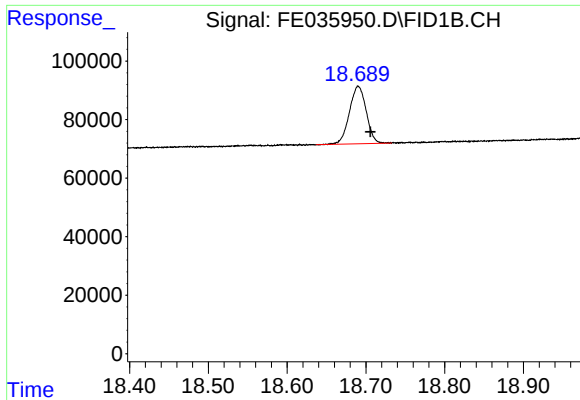
#17 n-Tricontane (C30)

R.T.: 17.078 min
Delta R.T.: -0.015 min
Response: 324344
Conc: 2.70 ug/ml



#18 n-Dotriacontane (C32)

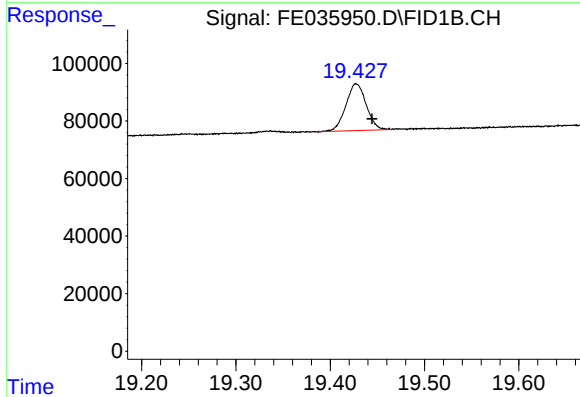
R.T.: 17.908 min
Delta R.T.: -0.016 min
Response: 324288
Conc: 2.82 ug/ml



#19 n-Tetratriacontane (C34)

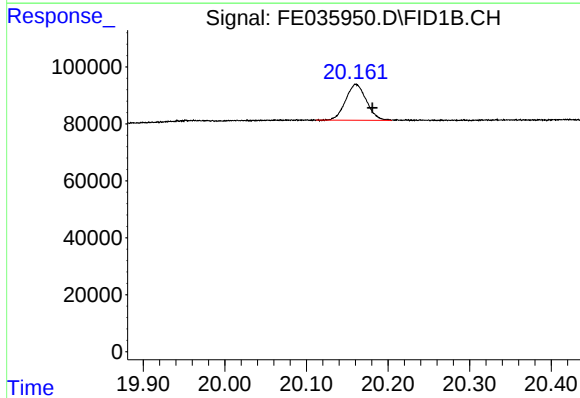
R.T.: 18.690 min
Delta R.T.: -0.016 min
Response: 291647
Conc: 2.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 19.427 min
Delta R.T.: -0.017 min
Response: 244191
Conc: 2.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.161 min
Delta R.T.: -0.020 min
Response: 223393
Conc: 2.34 ug/ml