

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092225AL\
 Data File : FE055931.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2025 18:56
 Operator : YP\AJ
 Sample : Q3123-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-2MS

Integration File: sample.E
 Quant Time: Sep 23 04:34:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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			
12) S 1-chlorooctadecane (S...	13.512	6757456	54.040 ug/ml
Spiked Amount 50.000		Recovery =	108.08%
Target Compounds			
1) T n-Nonane (C9)	3.411	3479911	27.422 ug/ml
2) T n-Decane (C10)	4.670	4232958	33.045 ug/ml
4) T n-Dodecane (C12)	6.845	5133768	39.426 ug/ml
6) T n-Tetradecane (C14)	8.683	6094012	46.274 ug/ml
7) T n-Hexadecane (C16)	10.298	7029875	50.758 ug/ml
8) T n-Octadecane (C18)	11.748	7560963	51.837 ug/ml
10) T n-Eicosane (C20)	13.065	8002739	55.595 ug/ml
11) T n-Heneicosane (C21)	13.679	7667440	53.677 ug/ml
13) T n-Docosane (C22)	14.267	7563659	52.839 ug/ml
14) T n-Tetracosane (C24)	15.374	7226351	49.941 ug/ml
15) T n-Hexacosane (C26)	16.398	6706392	46.943 ug/ml
16) T n-Octacosane (C28)	17.350	6390791	44.930 ug/ml
17) T n-Tricontane (C30)	18.240	6469617	43.767 ug/ml
18) T n-Dotriacontane (C32)	19.075	6521892	44.434 ug/ml
19) T n-Tetratriacontane (C34)	19.860	6652561	47.086 ug/ml
20) T n-Hexatriacontane (C36)	20.603	6689788	50.697 ug/ml
21) T n-Octatriacontane (C38)	21.380	6808018	52.273 ug/ml
22) T n-Tetracontane (C40)	22.368	6295090	49.088 ug/ml

(f)=RT Delta > 1/2 Window

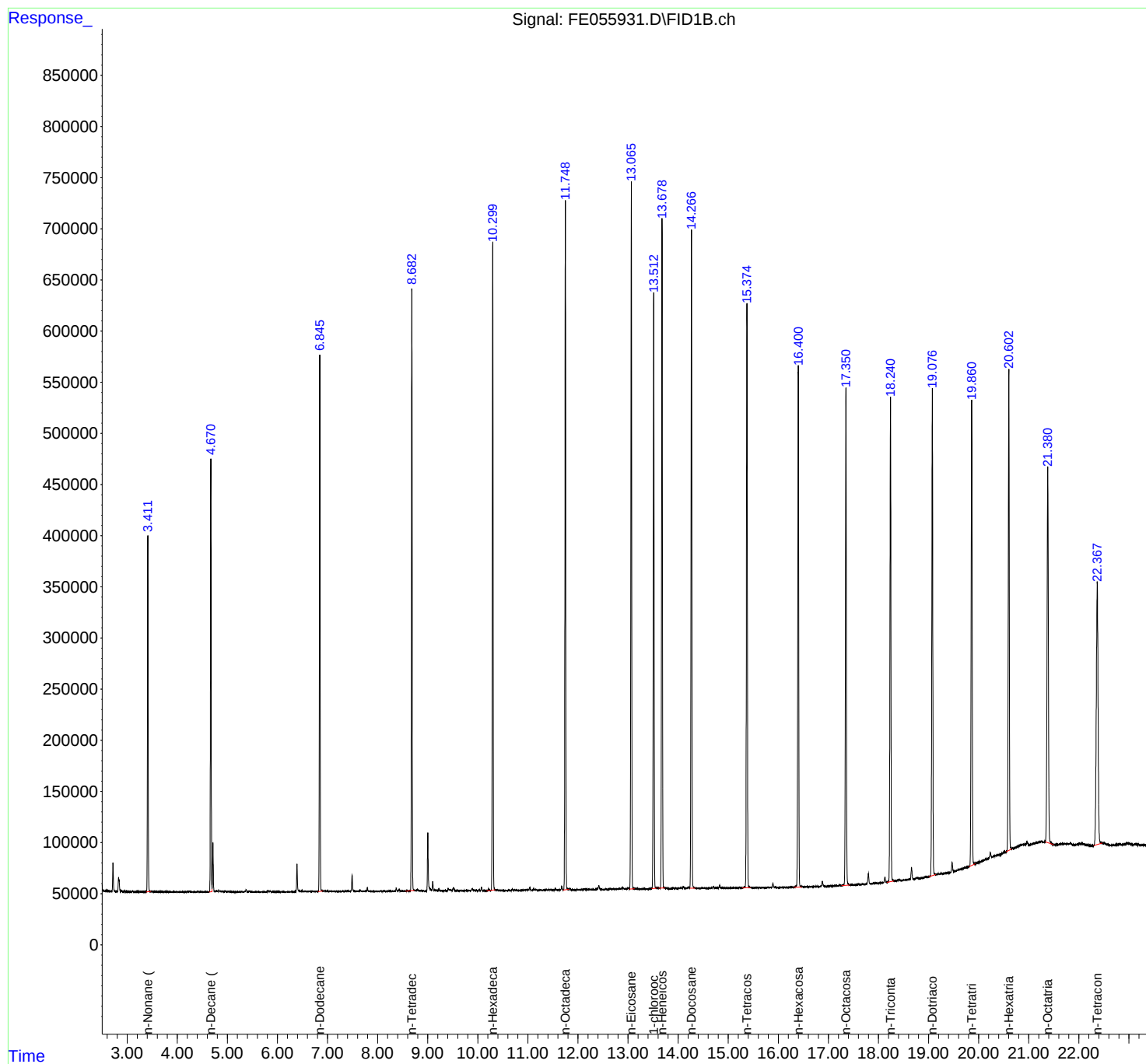
(m)=manual int.

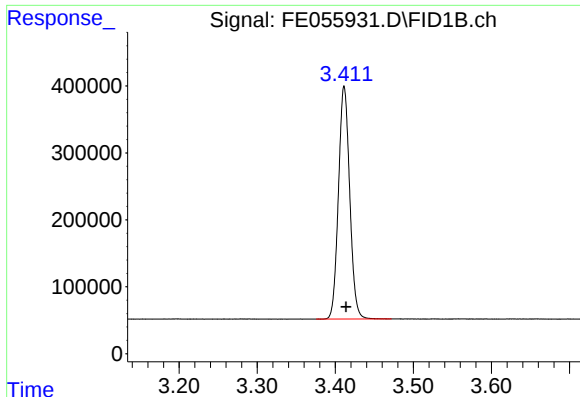
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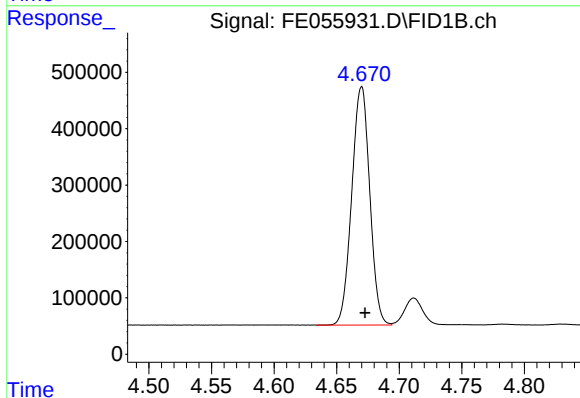




#1 n-Nonane (C9)

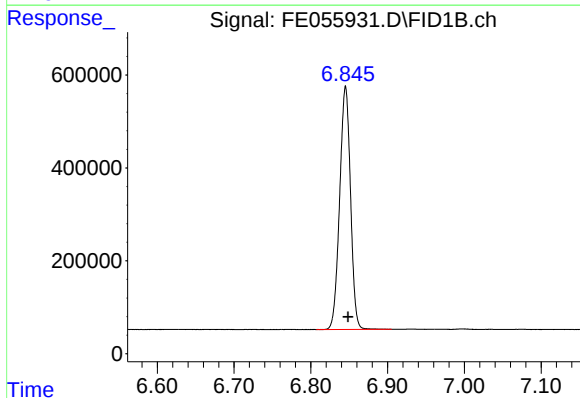
R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 3479911
Conc: 27.42 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MS



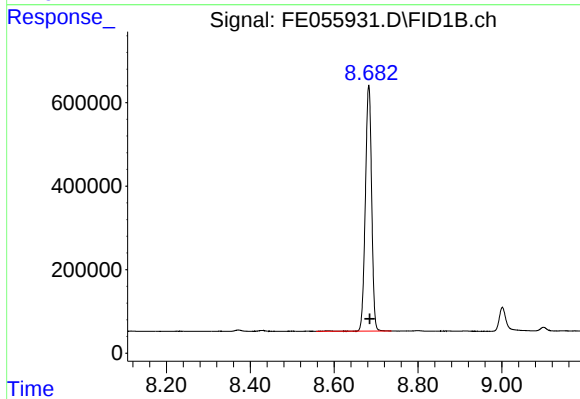
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 4232958
Conc: 33.04 ug/ml



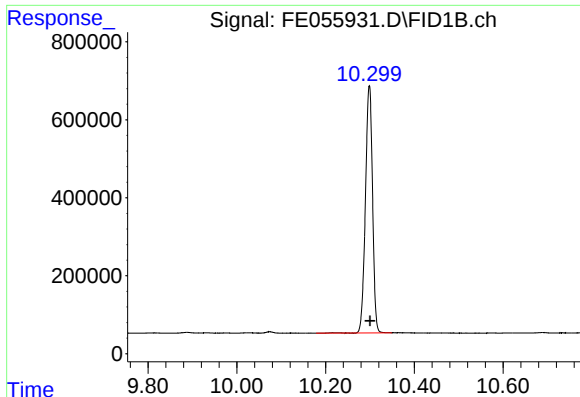
#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 5133768
Conc: 39.43 ug/ml



#6 n-Tetradecane (C14)

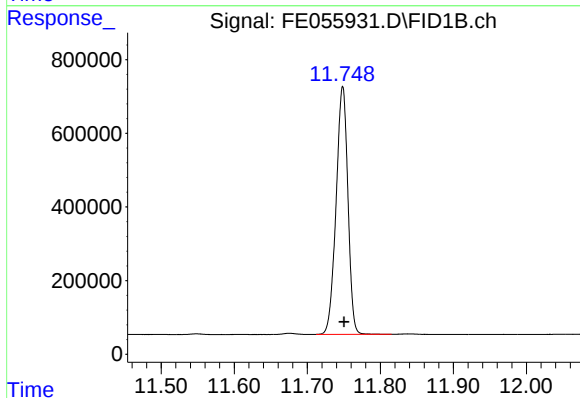
R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 6094012
Conc: 46.27 ug/ml



#7 n-Hexadecane (C16)

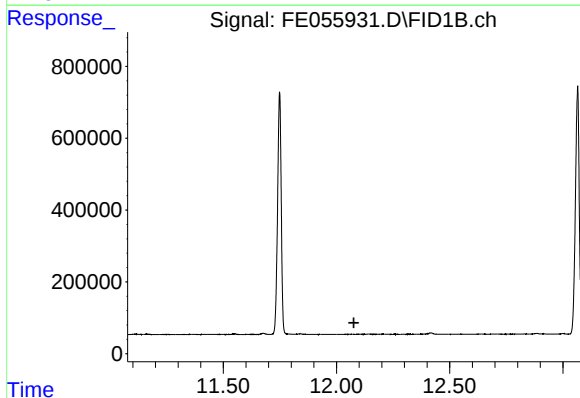
R.T.: 10.298 min
Delta R.T.: -0.002 min
Response: 7029875
Conc: 50.76 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MS



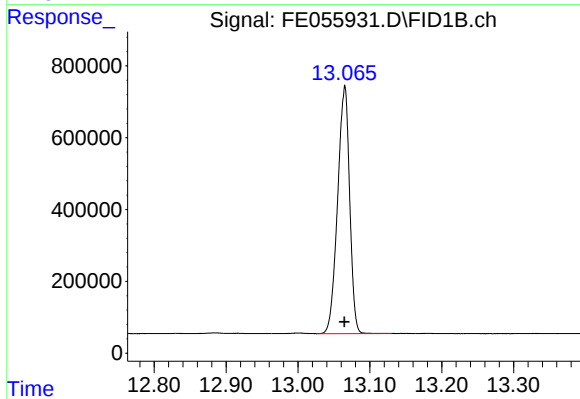
#8 n-Octadecane (C18)

R.T.: 11.748 min
Delta R.T.: -0.002 min
Response: 7560963
Conc: 51.84 ug/ml



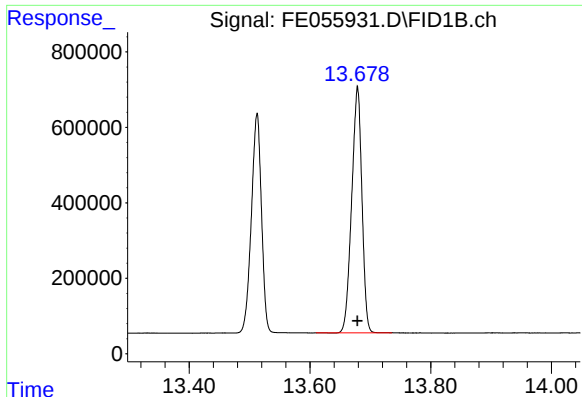
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.077 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

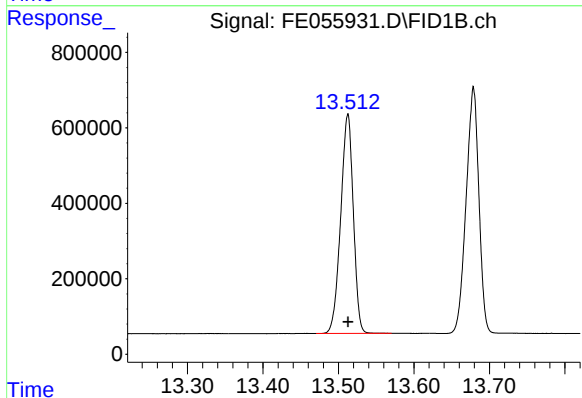
R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 8002739
Conc: 55.60 ug/ml



#11 n-Heneicosane (C21)

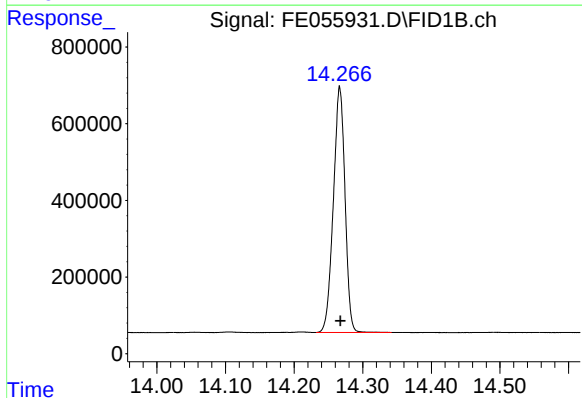
R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 7667440
Conc: 53.68 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MS



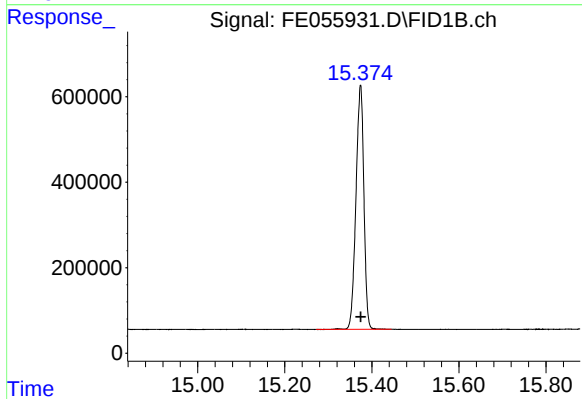
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 6757456
Conc: 54.04 ug/ml



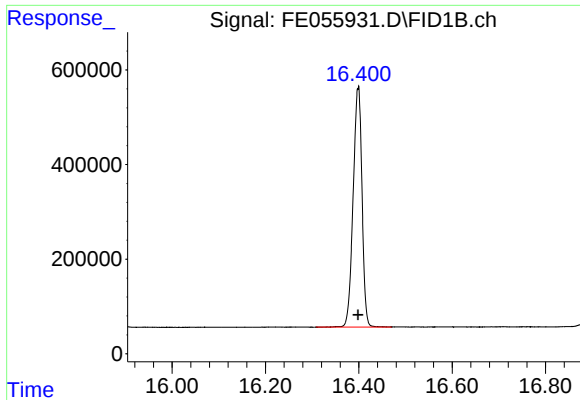
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 7563659
Conc: 52.84 ug/ml



#14 n-Tetracosane (C24)

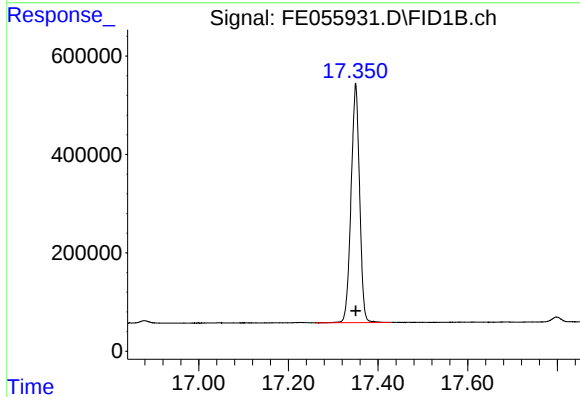
R.T.: 15.374 min
Delta R.T.: 0.000 min
Response: 7226351
Conc: 49.94 ug/ml



#15 n-Hexacosane (C26)

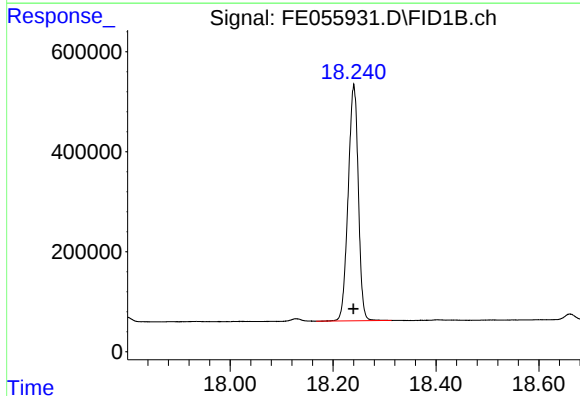
R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 6706392
Conc: 46.94 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MS



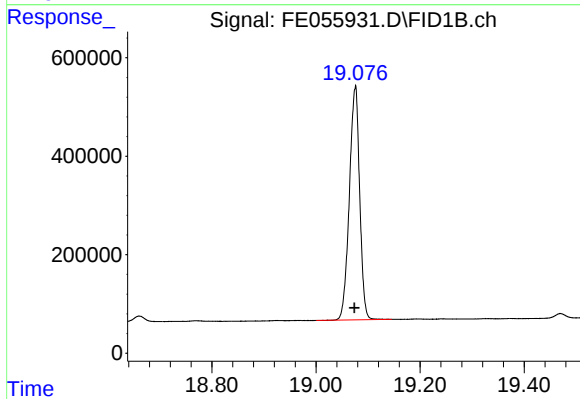
#16 n-Octacosane (C28)

R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 6390791
Conc: 44.93 ug/ml



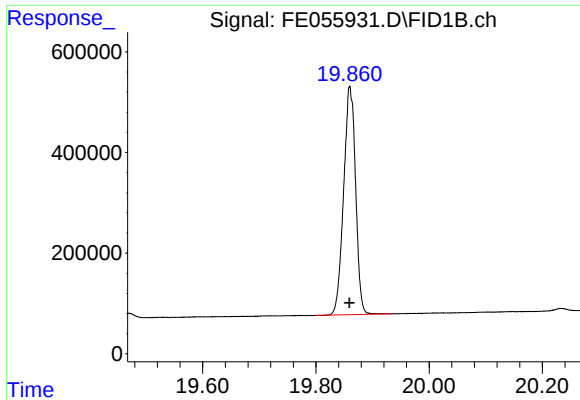
#17 n-Tricontane (C30)

R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 6469617
Conc: 43.77 ug/ml



#18 n-Dotriacontane (C32)

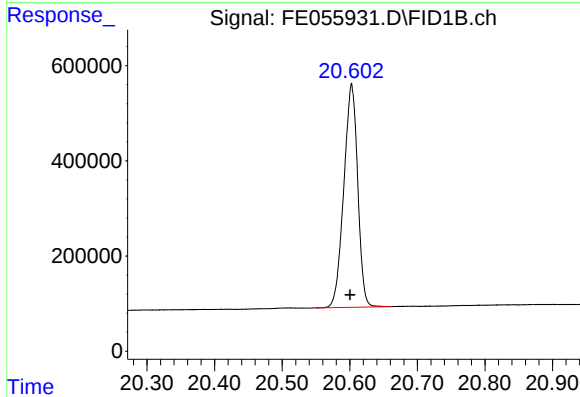
R.T.: 19.075 min
Delta R.T.: 0.002 min
Response: 6521892
Conc: 44.43 ug/ml



#19 n-Tetratriacontane (C34)

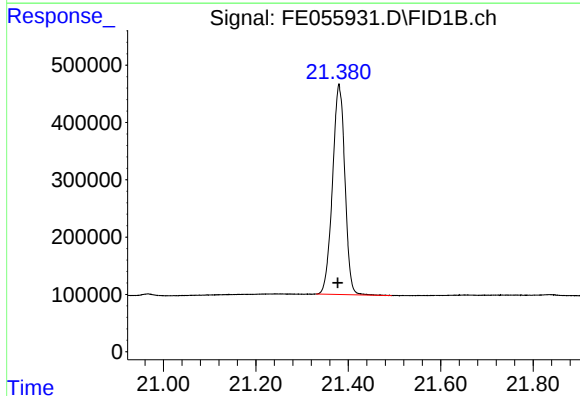
R.T.: 19.860 min
Delta R.T.: 0.001 min
Response: 6652561
Conc: 47.09 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2MS



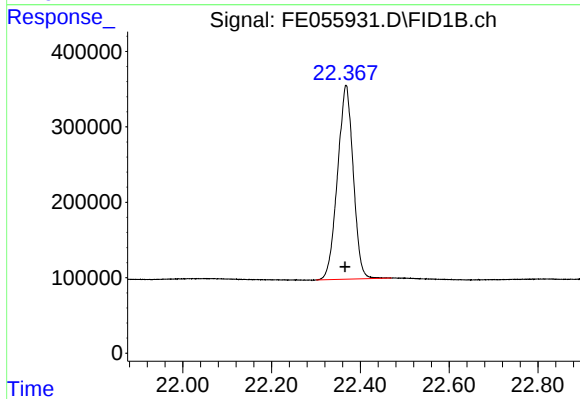
#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: 0.002 min
Response: 6689788
Conc: 50.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: 0.003 min
Response: 6808018
Conc: 52.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: 0.002 min
Response: 6295090
Conc: 49.09 ug/ml