

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120525AL\
 Data File : FF016868.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2025 00:11
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : LOD-LOQ-SOIL-0.5 ML-QT4-2025
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 08 04:40:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:19:27 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...	13.385	2228883	19.417 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
Target Compounds			
1) T n-Nonane (C9)	3.303	334753	2.790 ug/ml
2) T n-Decane (C10)	4.561	419556	3.432 ug/ml
4) T n-Dodecane (C12)	6.739	504192	4.094 ug/ml
6) T n-Tetradecane (C14)	8.572	504010	4.153 ug/ml
7) T n-Hexadecane (C16)	10.181	477092	3.753 ug/ml
8) T n-Octadecane (C18)	11.627	558371	4.226 ug/ml
10) T n-Eicosane (C20)	12.939	643996	4.891 ug/ml
11) T n-Heneicosane (C21)	13.552	580232	4.444 ug/ml
13) T n-Docosane (C22)	14.141	601830	4.526 ug/ml
14) T n-Tetracosane (C24)	15.248	582121	4.185 ug/ml
15) T n-Hexacosane (C26)	16.272	564089	4.072 ug/ml
16) T n-Octacosane (C28)	17.225	555726	4.021 ug/ml
17) T n-Tricontane (C30)	18.116	575152	4.090 ug/ml
18) T n-Dotriacontane (C32)	18.951	569410	4.200 ug/ml
19) T n-Tetratriacontane (C34)	19.739	553972	4.683 ug/ml
20) T n-Hexatriacontane (C36)	20.483	497870	5.075 ug/ml
21) T n-Octatriacontane (C38)	21.240	416582	4.733 ug/ml
22) T n-Tetracontane (C40)	22.187	362237	4.271 ug/ml

(f)=RT Delta > 1/2 Window

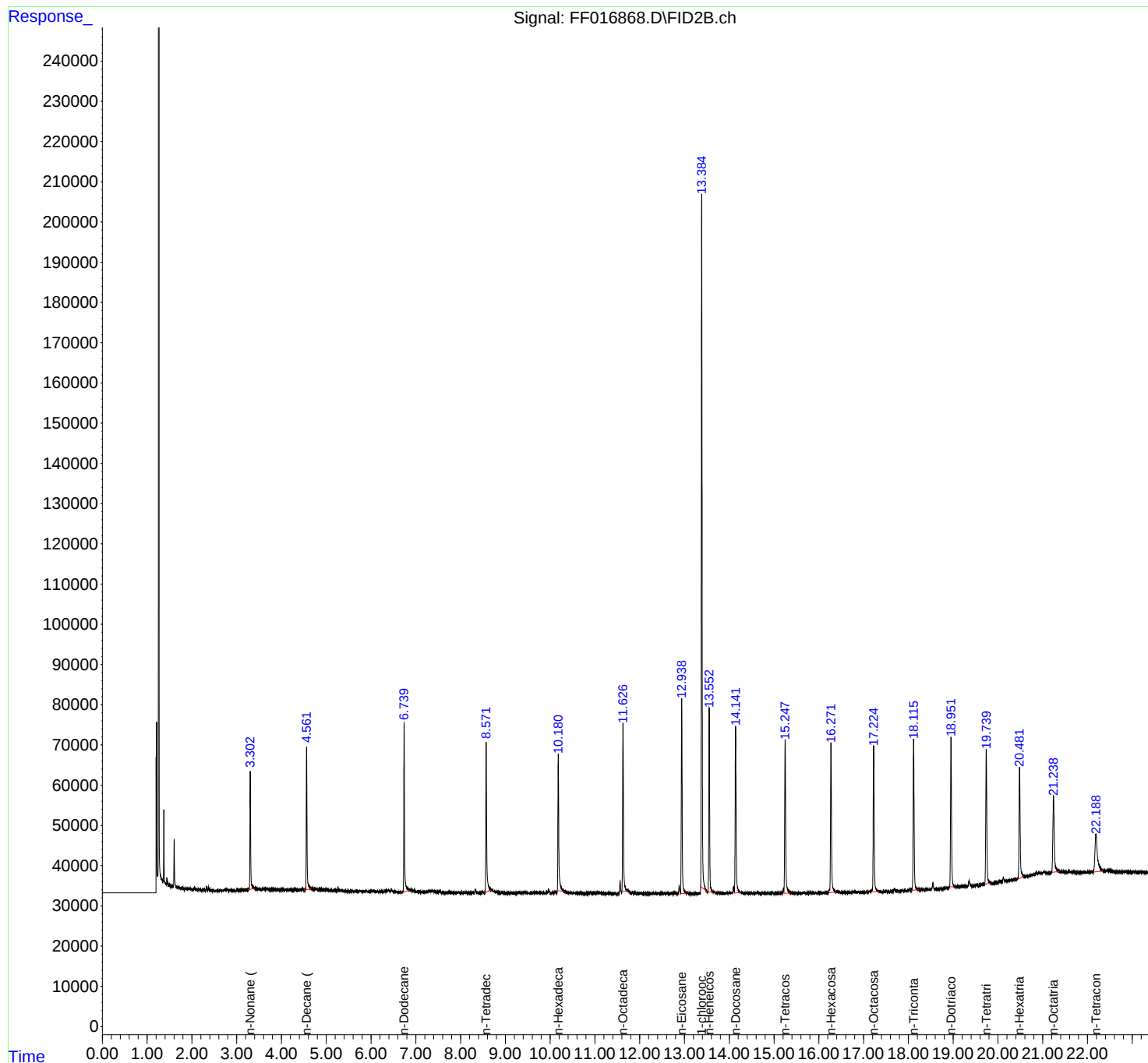
(m)=manual int.

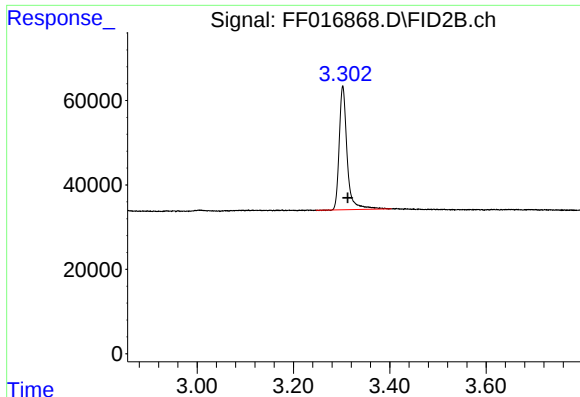
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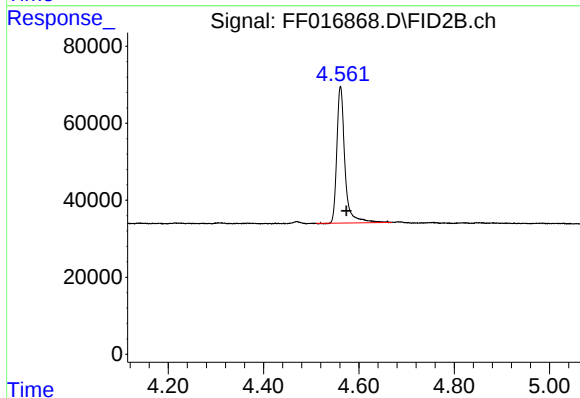




#1 n-Nonane (C9)

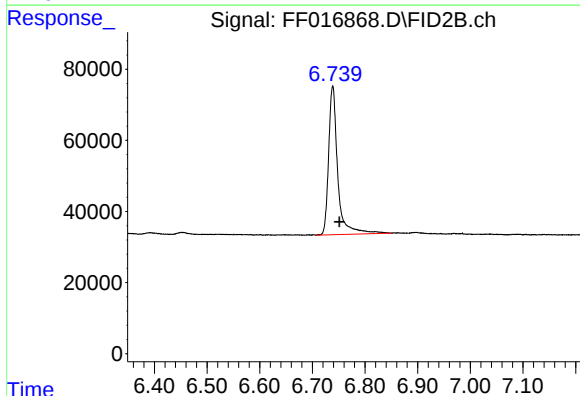
R.T.: 3.303 min
Delta R.T.: -0.010 min
Response: 334753
Conc: 2.79 ug/ml

Instrument :
FID_E
ClientSampleId :



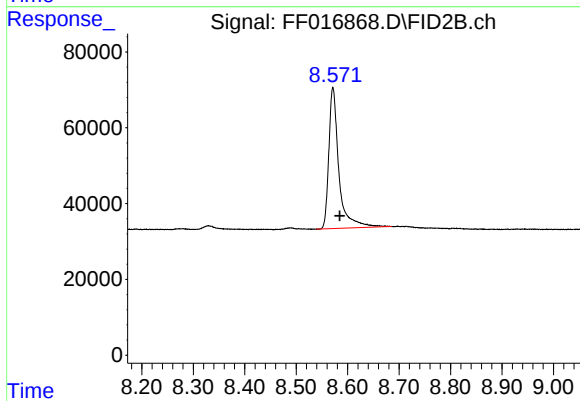
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.012 min
Response: 419556
Conc: 3.43 ug/ml



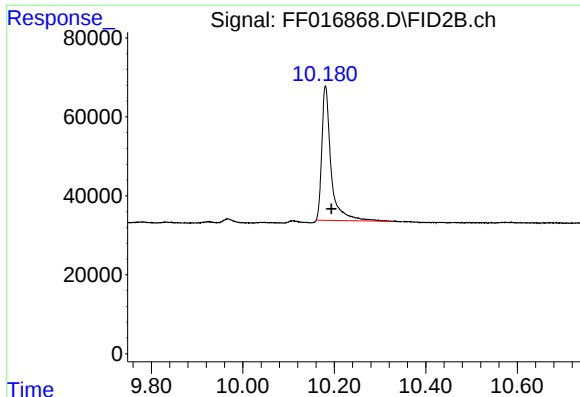
#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: -0.013 min
Response: 504192
Conc: 4.09 ug/ml



#6 n-Tetradecane (C14)

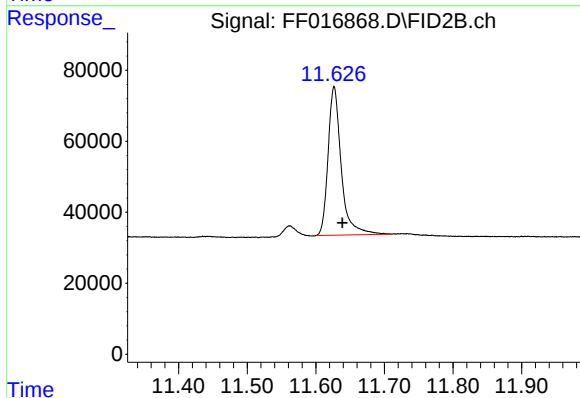
R.T.: 8.572 min
Delta R.T.: -0.013 min
Response: 504010
Conc: 4.15 ug/ml



#7 n-Hexadecane (C16)

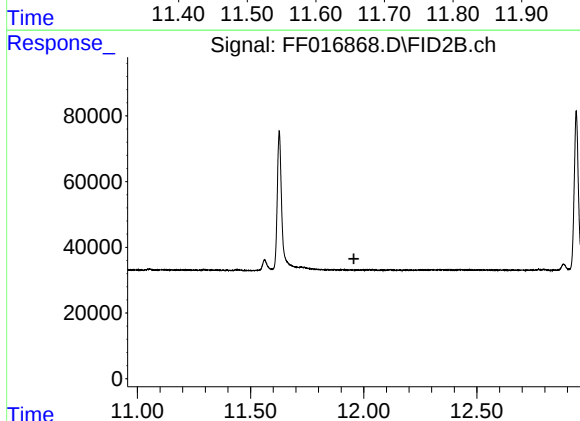
R.T.: 10.181 min
Delta R.T.: -0.012 min
Response: 477092
Conc: 3.75 ug/ml

Instrument :
FID_E
ClientSampleId :



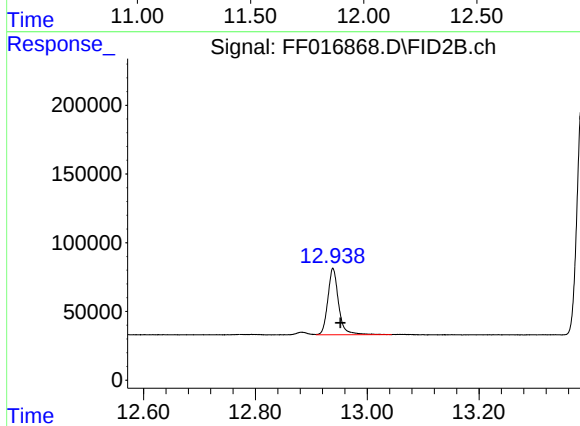
#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.012 min
Response: 558371
Conc: 4.23 ug/ml



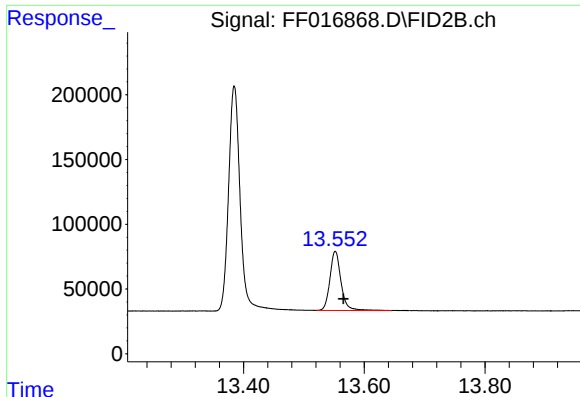
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.957 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

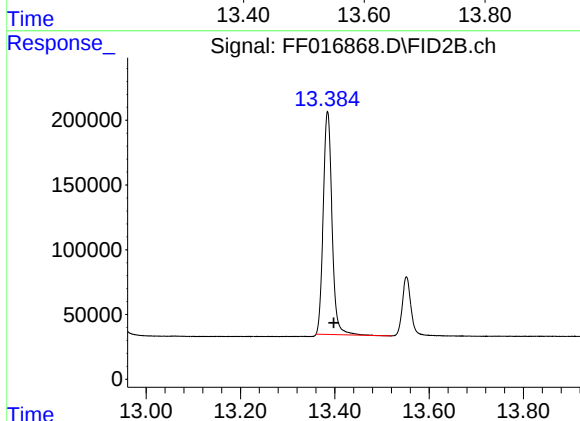
R.T.: 12.939 min
Delta R.T.: -0.013 min
Response: 643996
Conc: 4.89 ug/ml



#11 n-Heneicosane (C21)

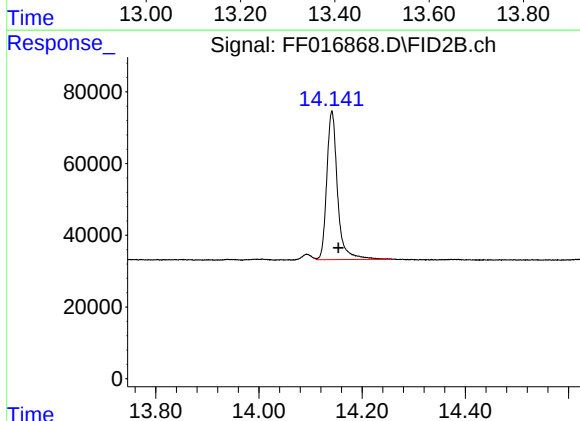
R.T.: 13.552 min
Delta R.T.: -0.014 min
Response: 580232
Conc: 4.44 ug/ml

Instrument :
FID_E
ClientSampleId :



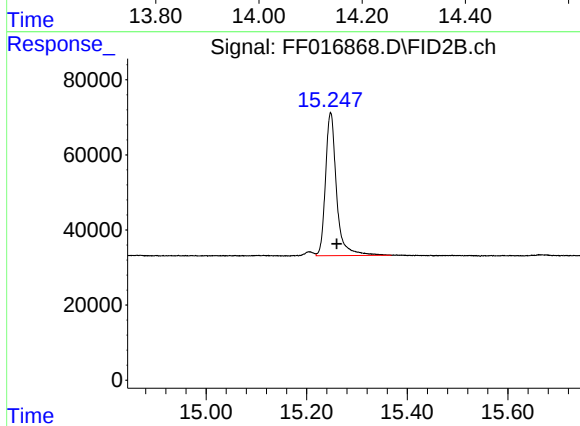
#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.013 min
Response: 2228883
Conc: 19.42 ug/ml



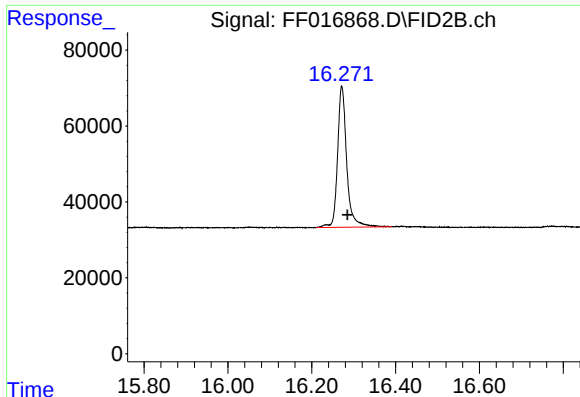
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: -0.013 min
Response: 601830
Conc: 4.53 ug/ml



#14 n-Tetracosane (C24)

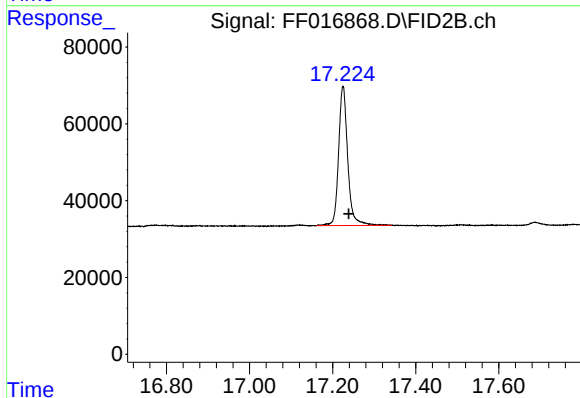
R.T.: 15.248 min
Delta R.T.: -0.012 min
Response: 582121
Conc: 4.18 ug/ml



#15 n-Hexacosane (C26)

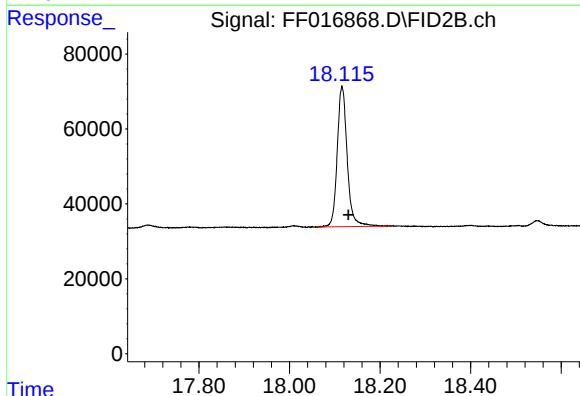
R.T.: 16.272 min
Delta R.T.: -0.013 min
Response: 564089
Conc: 4.07 ug/ml

Instrument :
FID_E
ClientSampleId :



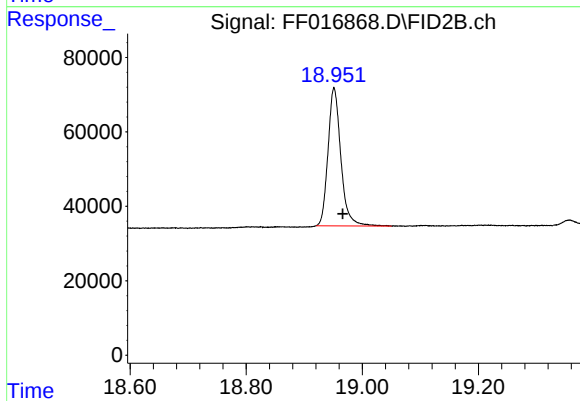
#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.014 min
Response: 555726
Conc: 4.02 ug/ml



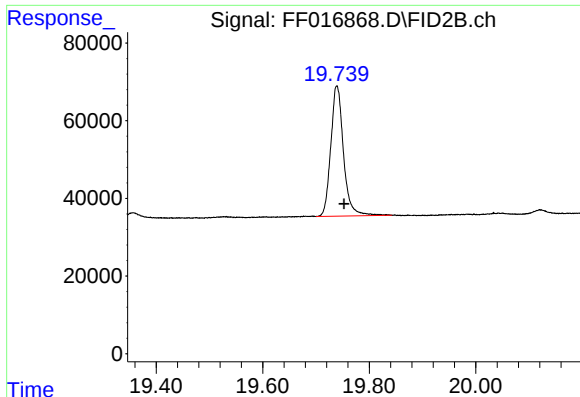
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.014 min
Response: 575152
Conc: 4.09 ug/ml



#18 n-Dotriacontane (C32)

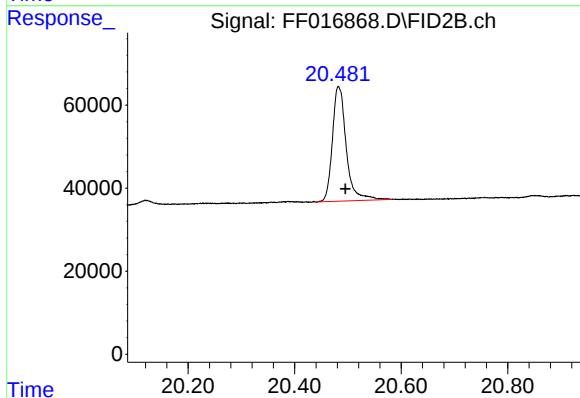
R.T.: 18.951 min
Delta R.T.: -0.015 min
Response: 569410
Conc: 4.20 ug/ml



#19 n-Tetratriacontane (C34)

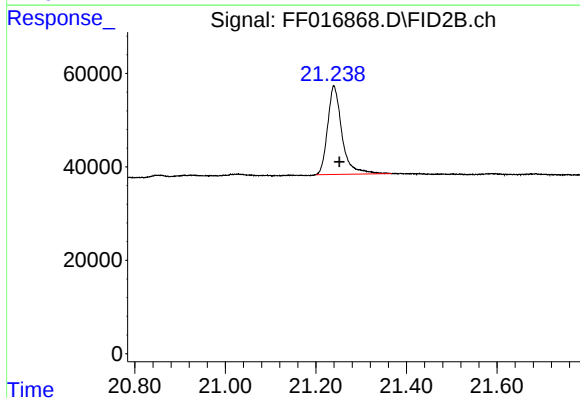
R.T.: 19.739 min
Delta R.T.: -0.013 min
Response: 553972
Conc: 4.68 ug/ml

Instrument :
FID_E
ClientSampleId :



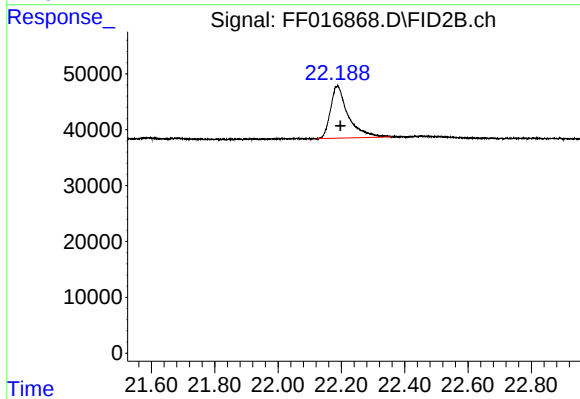
#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: -0.013 min
Response: 497870
Conc: 5.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: -0.012 min
Response: 416582
Conc: 4.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.187 min
Delta R.T.: -0.010 min
Response: 362237
Conc: 4.27 ug/ml