

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120525AL\
 Data File : FF016867.D
 Signal(s) : FID2B.ch
 Acq On : 05 Dec 2025 23:41
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : LOD-LOQ-SOIL-0.4 ML-QT4-2025
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 08 04:40:09 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	1820303	15.858 ug/ml
Spiked Amount 50.000		Recovery =	31.72%
Target Compounds			
1) T n-Nonane (C9)	3.303	217936	1.817 ug/ml
2) T n-Decane (C10)	4.562	274265	2.243 ug/ml
4) T n-Dodecane (C12)	6.739	304786	2.475 ug/ml
6) T n-Tetradecane (C14)	8.573	305047	2.513 ug/ml
7) T n-Hexadecane (C16)	10.183	324287	2.551 ug/ml
8) T n-Octadecane (C18)	11.627	374075	2.831 ug/ml
10) T n-Eicosane (C20)	12.939	441961	3.357 ug/ml
11) T n-Heneicosane (C21)	13.553	394527	3.022 ug/ml
13) T n-Docosane (C22)	14.143	418172	3.145 ug/ml
14) T n-Tetracosane (C24)	15.249	400974	2.882 ug/ml
15) T n-Hexacosane (C26)	16.274	388495	2.804 ug/ml
16) T n-Octacosane (C28)	17.226	382655	2.769 ug/ml
17) T n-Tricontane (C30)	18.118	404991	2.880 ug/ml
18) T n-Dotriacontane (C32)	18.954	406111	2.996 ug/ml
19) T n-Tetratriacontane (C34)	19.741	391555	3.310 ug/ml
20) T n-Hexatriacontane (C36)	20.485	370397	3.775 ug/ml
21) T n-Octatriacontane (C38)	21.240	337853	3.838 ug/ml
22) T n-Tetracontane (C40)	22.187	350371	4.132 ug/ml

(f)=RT Delta > 1/2 Window

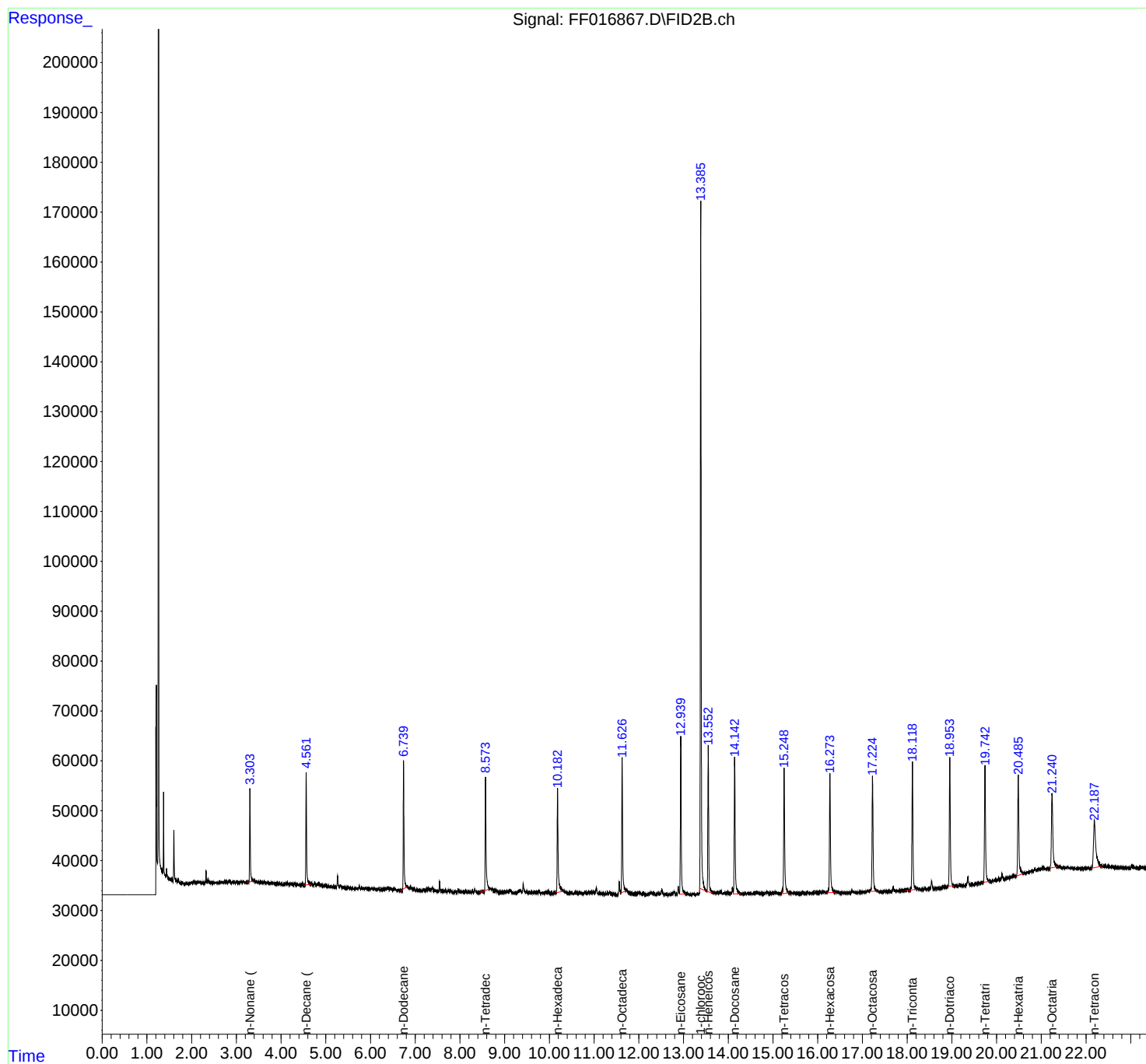
(m)=manual int.

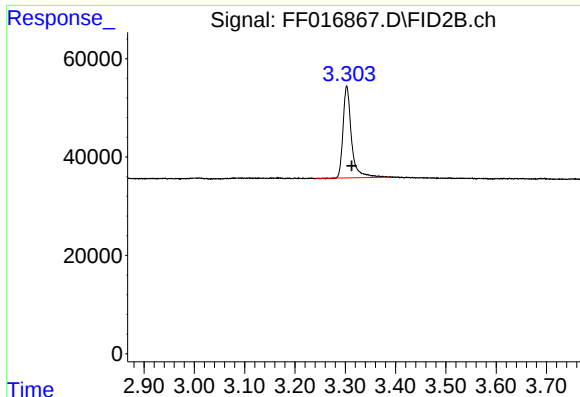
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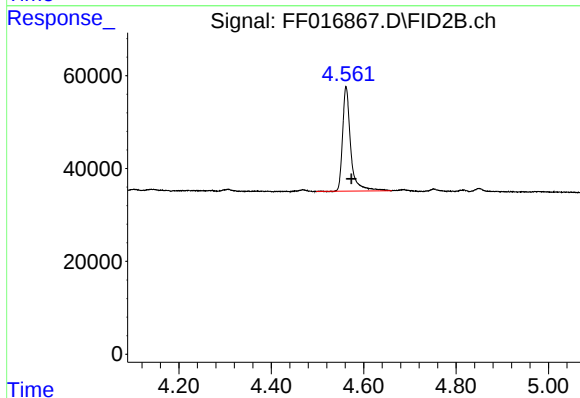




#1 n-Nonane (C9)

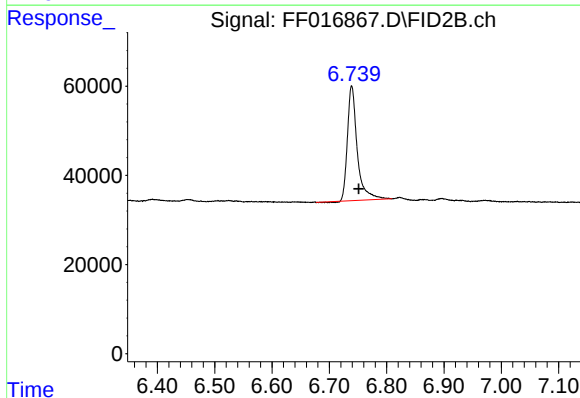
R.T.: 3.303 min
Delta R.T.: -0.010 min
Response: 217936
Conc: 1.82 ug/ml

Instrument :
FID_E
ClientSampleId :



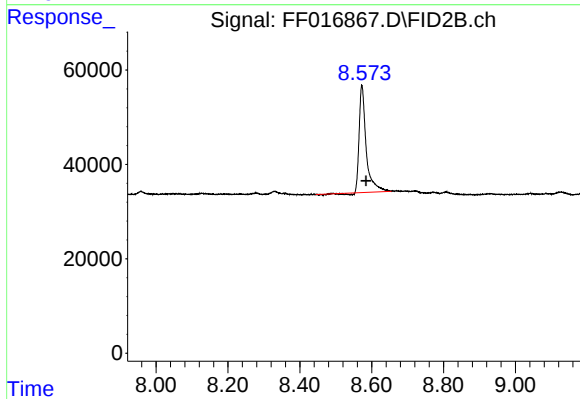
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.011 min
Response: 274265
Conc: 2.24 ug/ml



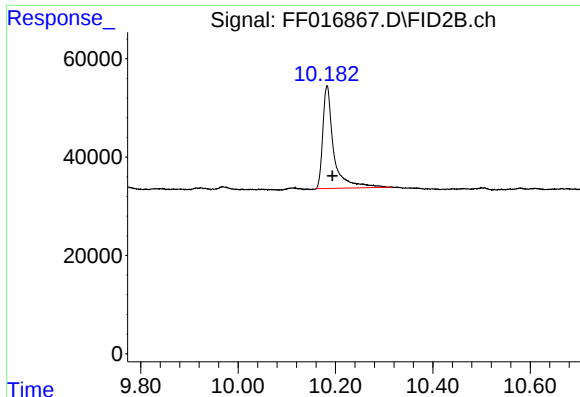
#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: -0.012 min
Response: 304786
Conc: 2.47 ug/ml



#6 n-Tetradecane (C14)

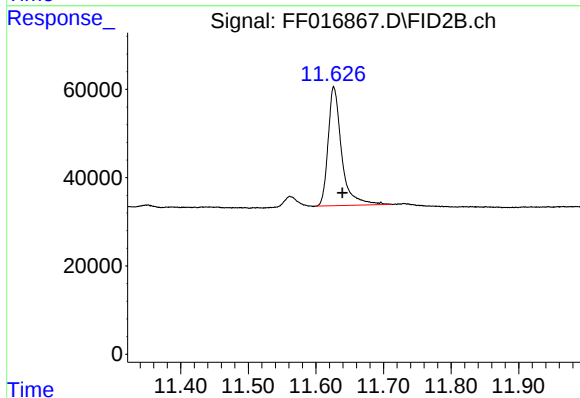
R.T.: 8.573 min
Delta R.T.: -0.012 min
Response: 305047
Conc: 2.51 ug/ml



#7 n-Hexadecane (C16)

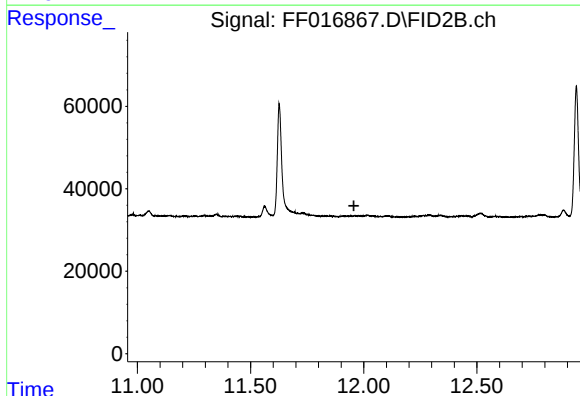
R.T.: 10.183 min
Delta R.T.: -0.011 min
Response: 324287
Conc: 2.55 ug/ml

Instrument :
FID_E
ClientSampleId :



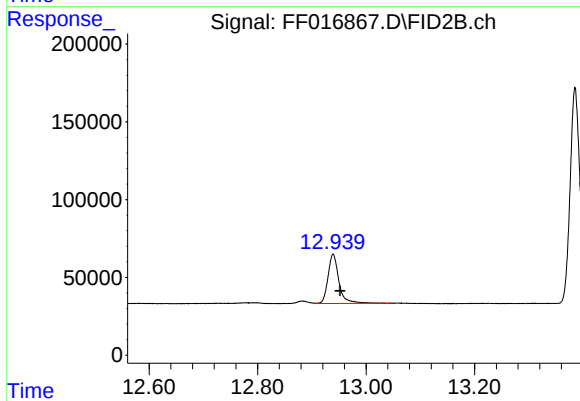
#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.012 min
Response: 374075
Conc: 2.83 ug/ml



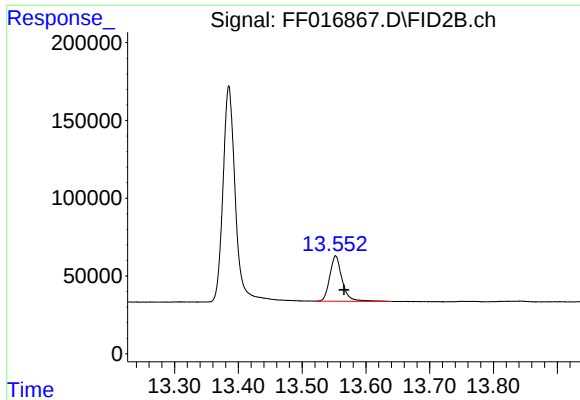
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

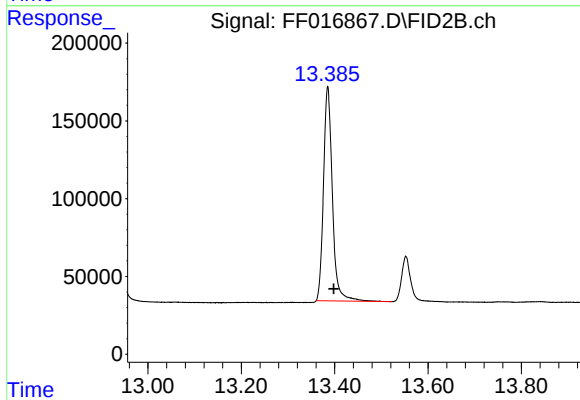
R.T.: 12.939 min
Delta R.T.: -0.013 min
Response: 441961
Conc: 3.36 ug/ml



#11 n-Heneicosane (C21)

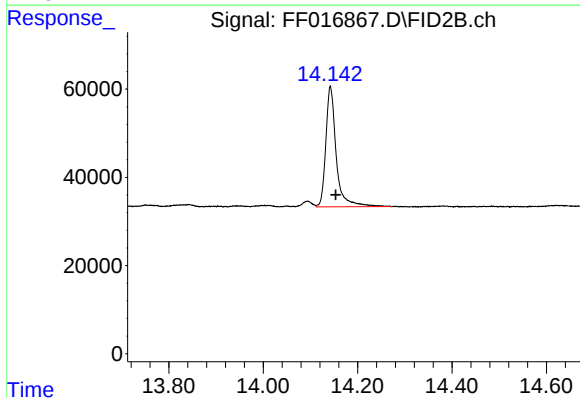
R.T.: 13.553 min
Delta R.T.: -0.013 min
Response: 394527
Conc: 3.02 ug/ml

Instrument :
FID_E
ClientSampleId :



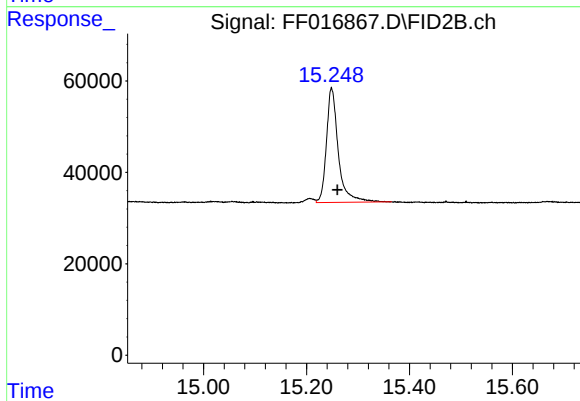
#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.013 min
Response: 1820303
Conc: 15.86 ug/ml



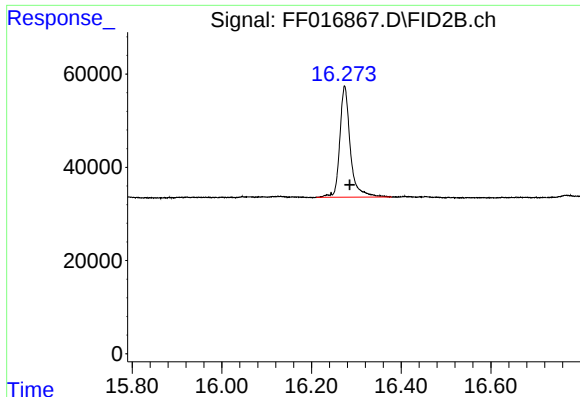
#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: -0.011 min
Response: 418172
Conc: 3.14 ug/ml



#14 n-Tetracosane (C24)

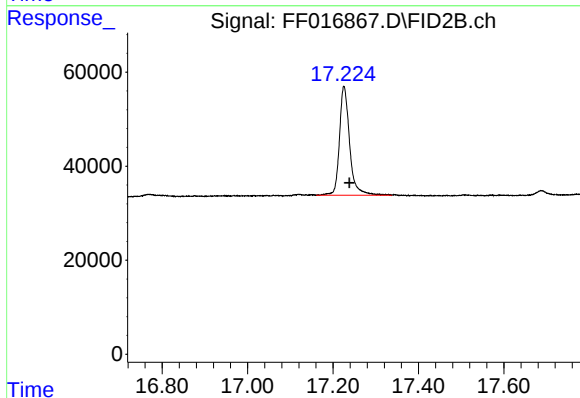
R.T.: 15.249 min
Delta R.T.: -0.011 min
Response: 400974
Conc: 2.88 ug/ml



#15 n-Hexacosane (C26)

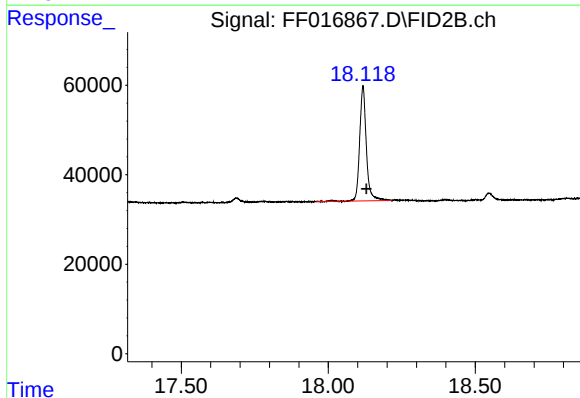
R.T.: 16.274 min
Delta R.T.: -0.011 min
Response: 388495
Conc: 2.80 ug/ml

Instrument :
FID_E
ClientSampleId :



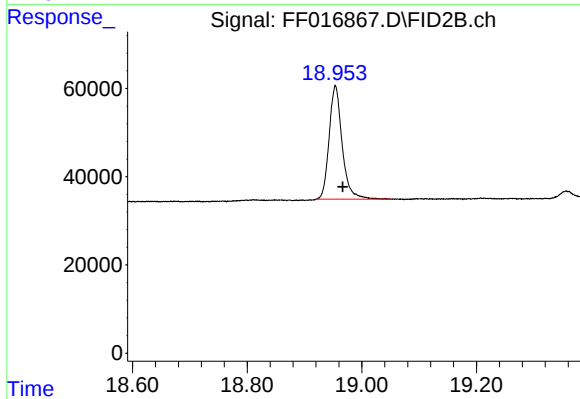
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.013 min
Response: 382655
Conc: 2.77 ug/ml



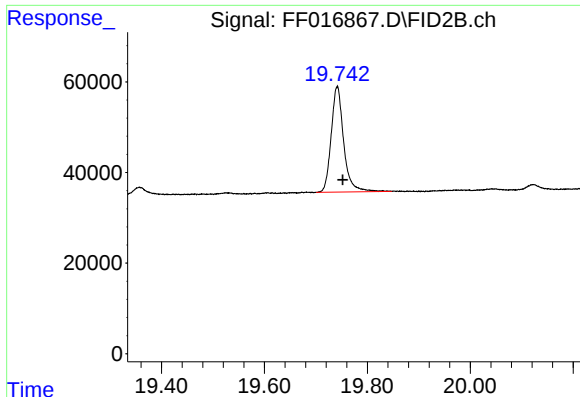
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: -0.012 min
Response: 404991
Conc: 2.88 ug/ml



#18 n-Dotriacontane (C32)

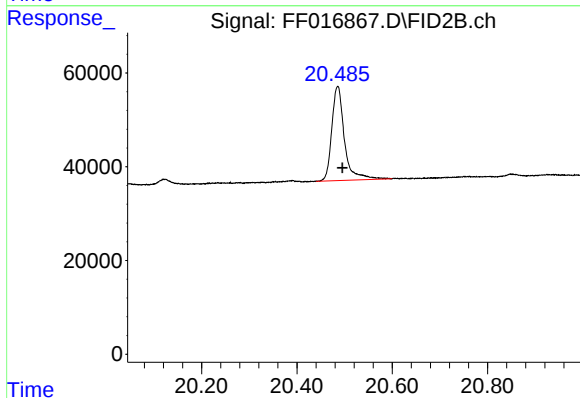
R.T.: 18.954 min
Delta R.T.: -0.013 min
Response: 406111
Conc: 3.00 ug/ml



#19 n-Tetratriacontane (C34)

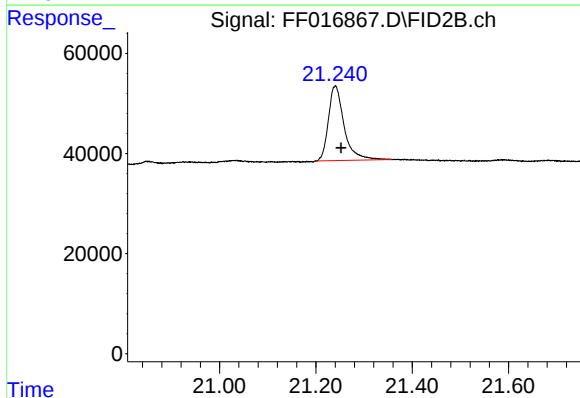
R.T.: 19.741 min
Delta R.T.: -0.011 min
Response: 391555
Conc: 3.31 ug/ml

Instrument :
FID_E
ClientSampleId :



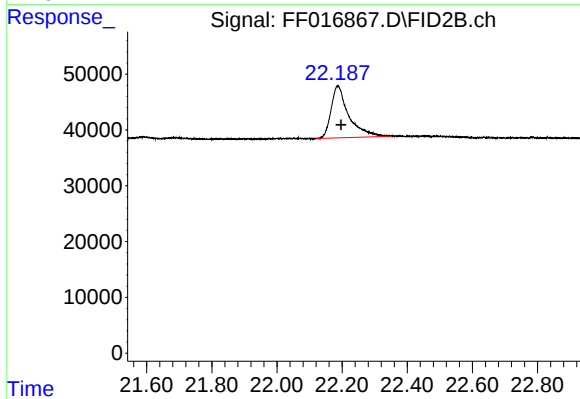
#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: -0.010 min
Response: 370397
Conc: 3.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: -0.012 min
Response: 337853
Conc: 3.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.187 min
Delta R.T.: -0.010 min
Response: 350371
Conc: 4.13 ug/ml