

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041223AL\
 Data File : FE041330.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2023 14:59
 Operator : YP\AJ
 Sample : 02213-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 13 01:11:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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			
9) S ortho-Terphenyl (SURR)	11.836	855491	4.552 ug/ml
Spiked Amount 50.000		Recovery =	9.10%
12) S 1-chlorooctadecane (S...	13.278	7751157	53.872 ug/ml
Spiked Amount 50.000		Recovery =	107.74%
Target Compounds			
1) T n-Nonane (C9)	3.238	251735	1.451 ug/ml
2) T n-Decane (C10)	4.484	308201	1.811 ug/ml
4) T n-Dodecane (C12)	6.648	409469	2.361 ug/ml
6) T n-Tetradecane (C14)	8.474	422393	2.422 ug/ml
7) T n-Hexadecane (C16)	10.080	447377	2.515 ug/ml
8) T n-Octadecane (C18)	11.521	506713	2.838 ug/ml
10) T n-Eicosane (C20)	12.830	539381	3.162 ug/ml
11) T n-Heneicosane (C21)	13.442	487290	2.880 ug/ml
13) T n-Docosane (C22)	14.029	612986	3.704 ug/ml
14) T n-Tetracosane (C24)	15.132	741490	4.583 ug/ml
15) T n-Hexacosane (C26)	16.154	810033	5.225 ug/ml
16) T n-Octacosane (C28)	17.105	871086	5.687 ug/ml
17) T n-Tricontane (C30)	17.993	951712	6.226 ug/ml
18) T n-Dotriacontane (C32)	18.827	803012	5.143 ug/ml
19) T n-Tetratriacontane (C34)	19.613	381536	2.462 ug/ml
20) T n-Hexatriacontane (C36)	20.355	622573	4.099 ug/ml
21) T n-Octatriacontane (C38)	21.077	128314	0.821 ug/ml
22) T n-Tetracontane (C40)	21.952	506311	3.172 ug/ml

(f)=RT Delta > 1/2 Window

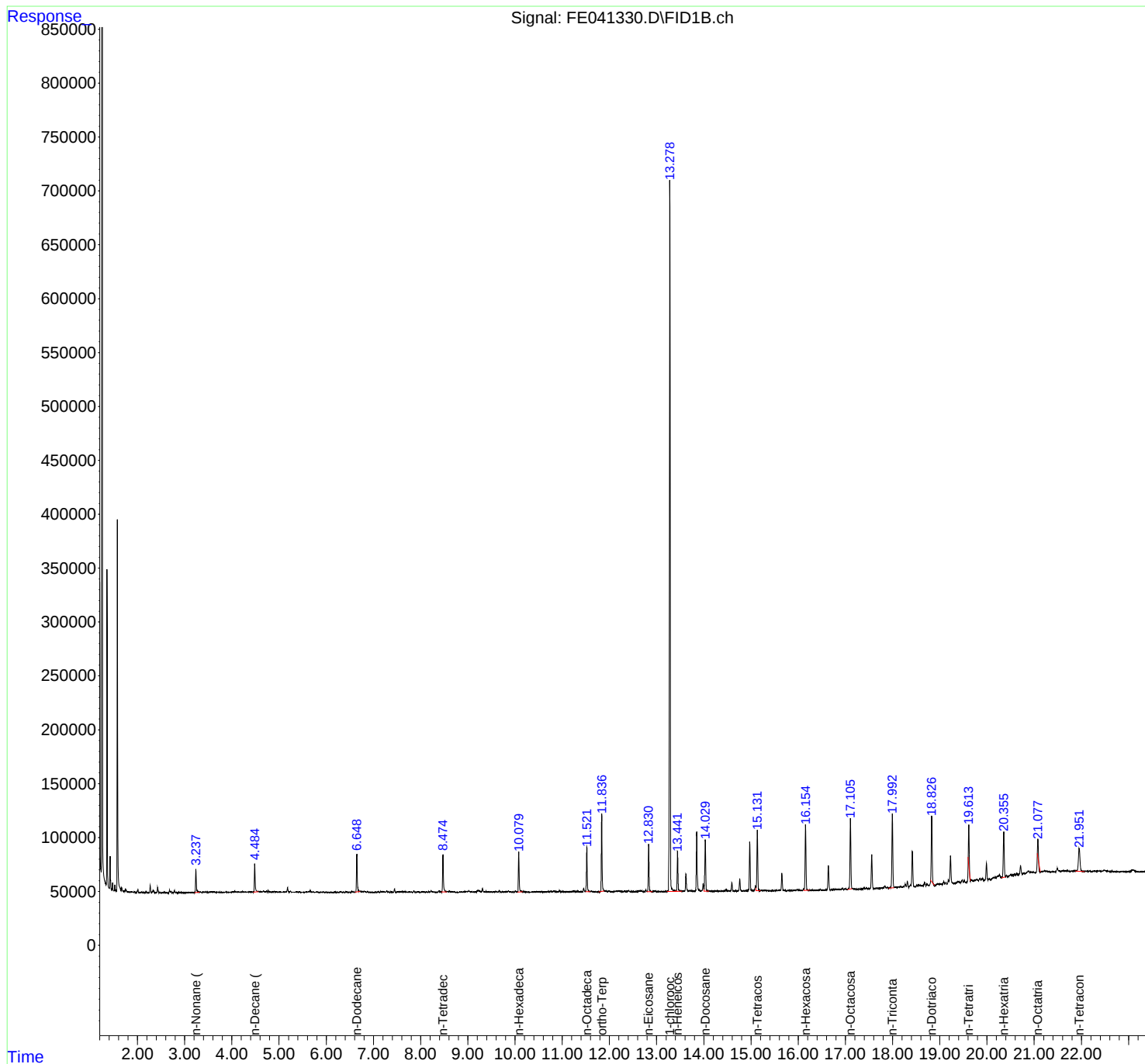
(m)=manual int.

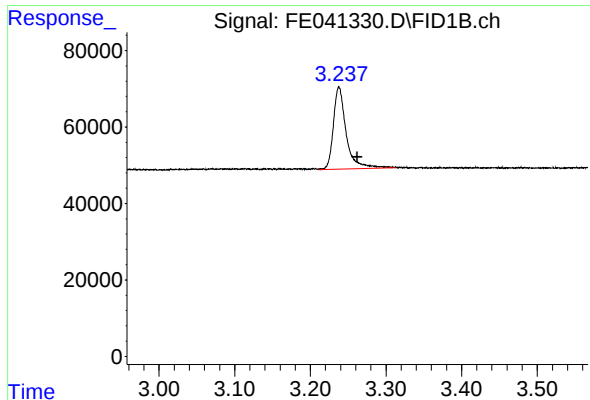
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041223AL\
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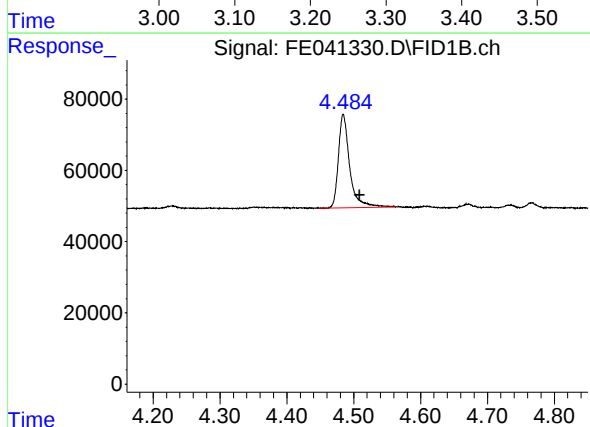




#1 n-Nonane (C9)

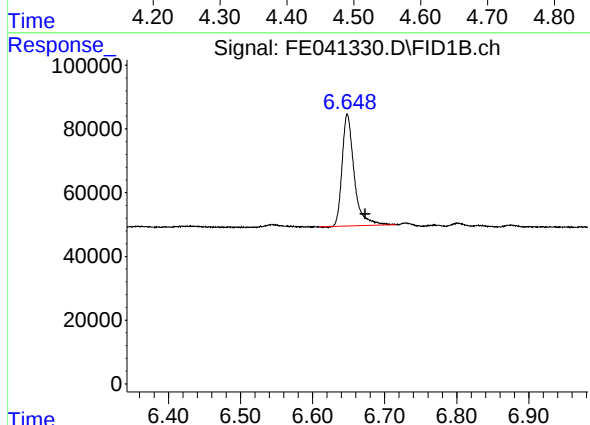
R.T.: 3.238 min
Delta R.T.: -0.024 min
Response: 251735
Conc: 1.45 ug/ml

Instrument :
FID_E
ClientSampleId :



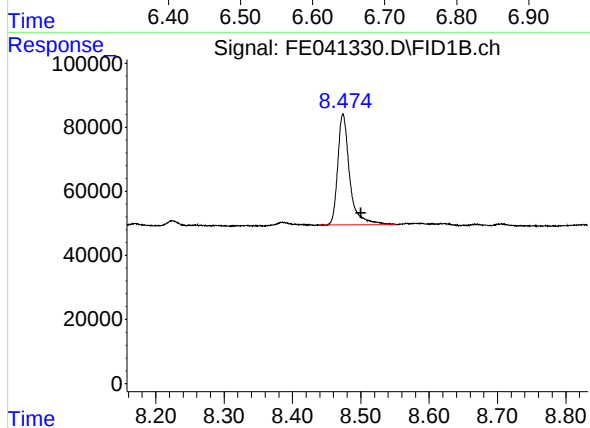
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.024 min
Response: 308201
Conc: 1.81 ug/ml



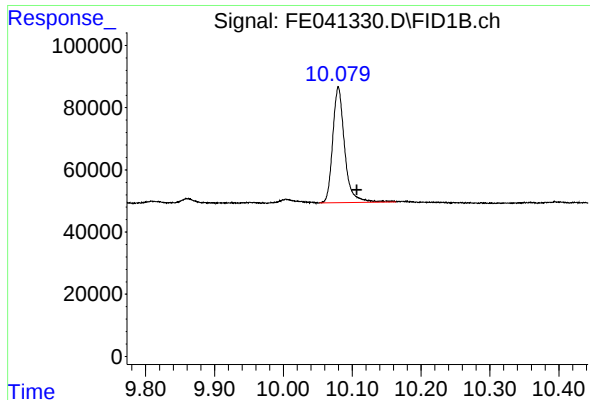
#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.025 min
Response: 409469
Conc: 2.36 ug/ml



#6 n-Tetradecane (C14)

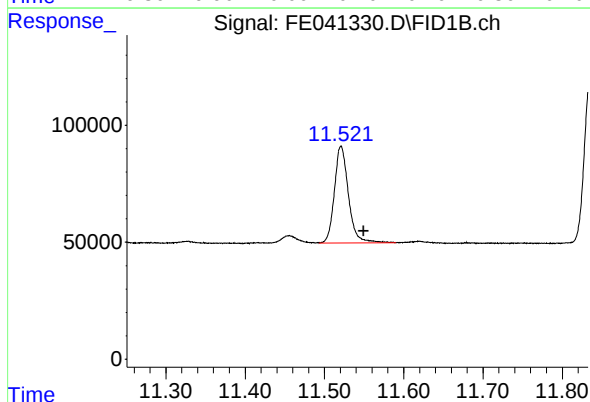
R.T.: 8.474 min
Delta R.T.: -0.026 min
Response: 422393
Conc: 2.42 ug/ml



#7 n-Hexadecane (C16)

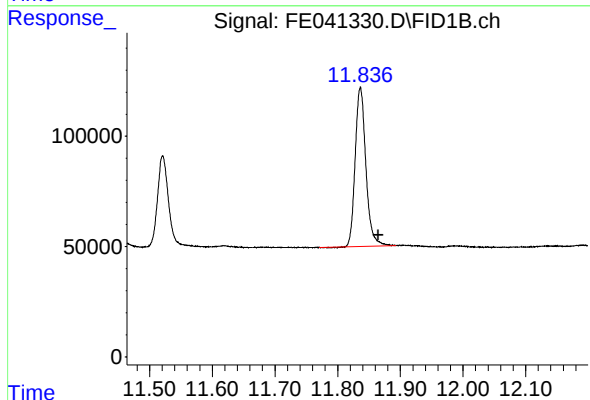
R.T.: 10.080 min
Delta R.T.: -0.027 min
Response: 447377
Conc: 2.52 ug/ml

Instrument :
FID_E
ClientSampleId :



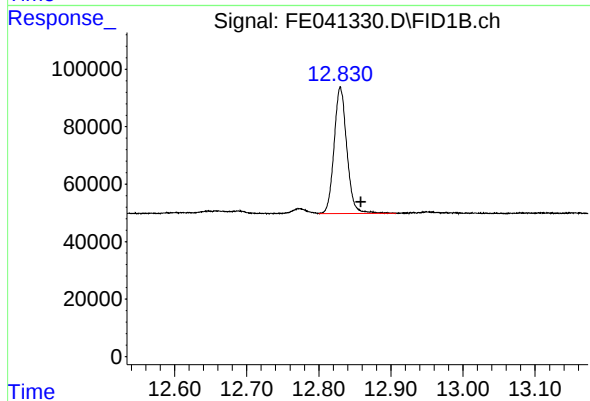
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.029 min
Response: 506713
Conc: 2.84 ug/ml



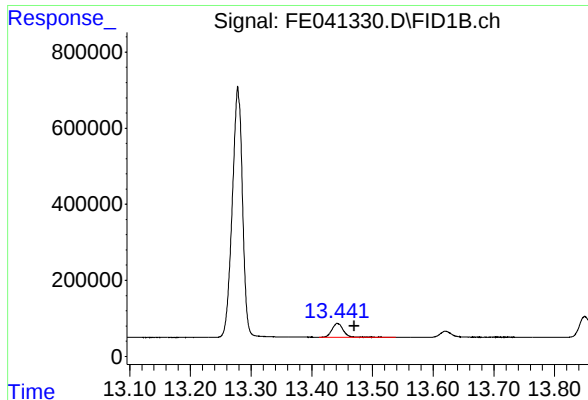
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.029 min
Response: 855491
Conc: 4.55 ug/ml



#10 n-Eicosane (C20)

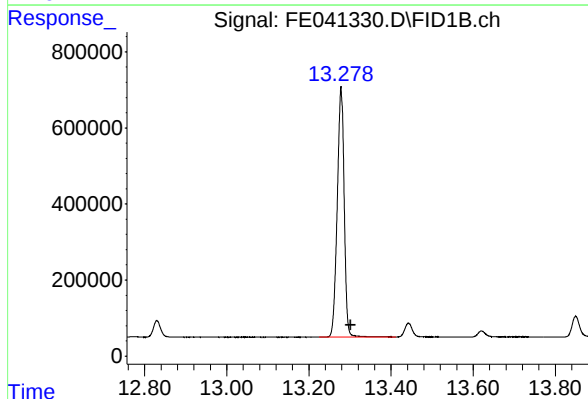
R.T.: 12.830 min
Delta R.T.: -0.028 min
Response: 539381
Conc: 3.16 ug/ml



#11 n-Heneicosane (C21)

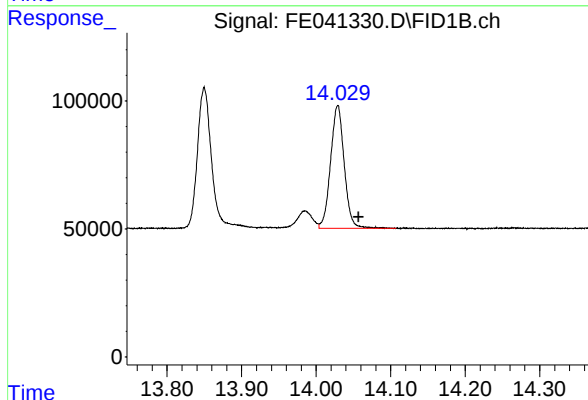
R.T.: 13.442 min
Delta R.T.: -0.028 min
Response: 487290
Conc: 2.88 ug/ml

Instrument :
FID_E
ClientSampleId :



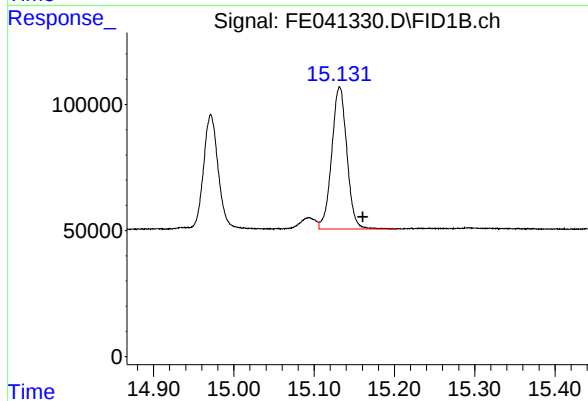
#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.024 min
Response: 7751157
Conc: 53.87 ug/ml



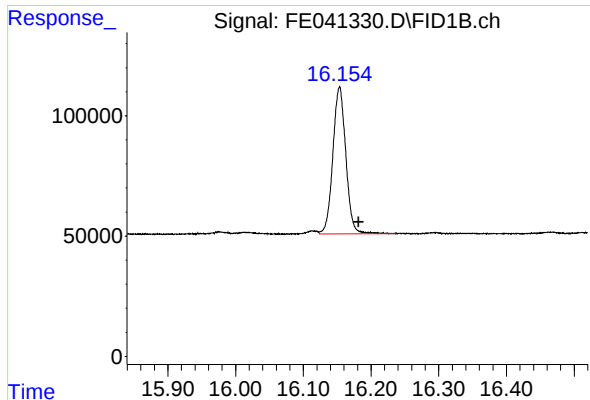
#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.028 min
Response: 612986
Conc: 3.70 ug/ml



#14 n-Tetracosane (C24)

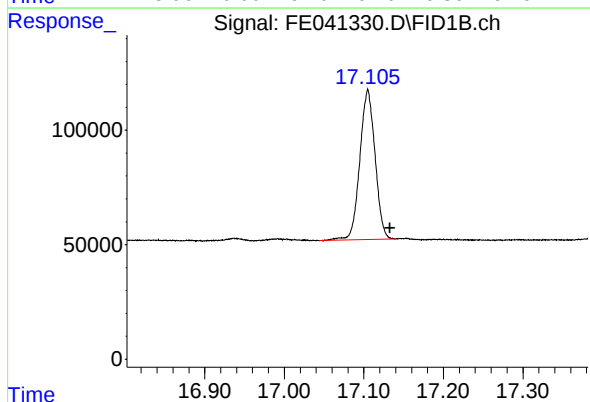
R.T.: 15.132 min
Delta R.T.: -0.029 min
Response: 741490
Conc: 4.58 ug/ml



#15 n-Hexacosane (C26)

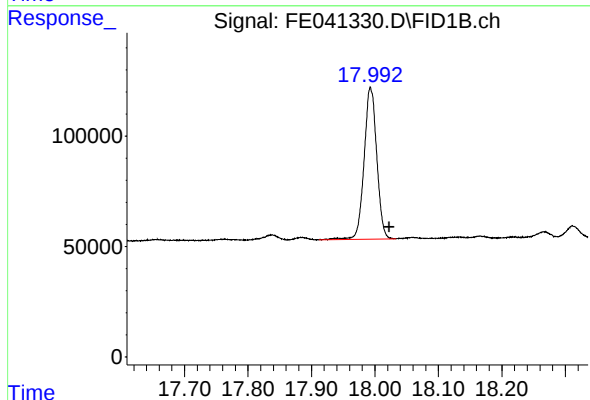
R.T.: 16.154 min
Delta R.T.: -0.028 min
Response: 810033
Conc: 5.23 ug/ml

Instrument :
FID_E
ClientSampleId :



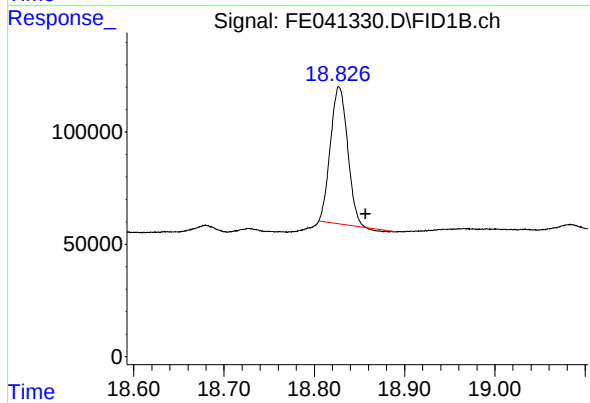
#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.028 min
Response: 871086
Conc: 5.69 ug/ml



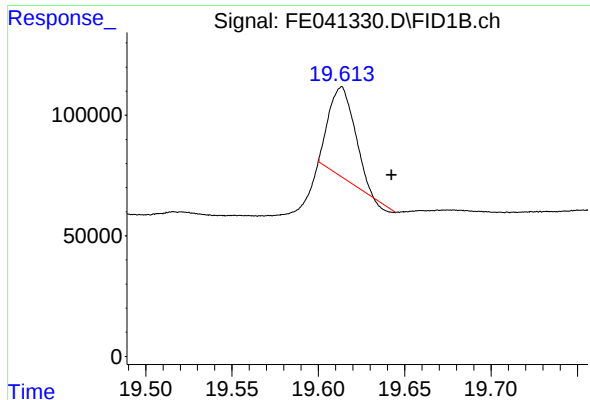
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.029 min
Response: 951712
Conc: 6.23 ug/ml



#18 n-Dotriacontane (C32)

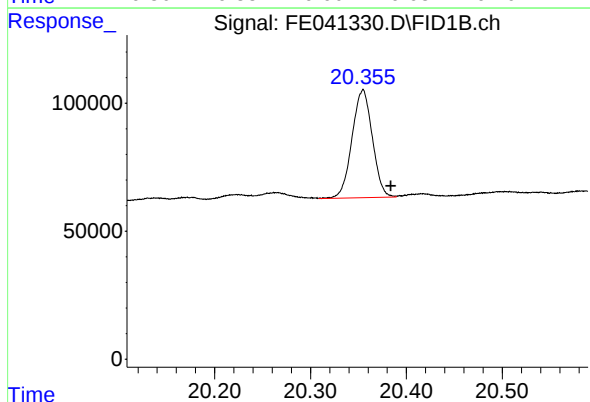
R.T.: 18.827 min
Delta R.T.: -0.029 min
Response: 803012
Conc: 5.14 ug/ml



#19 n-Tetratriacontane (C34)

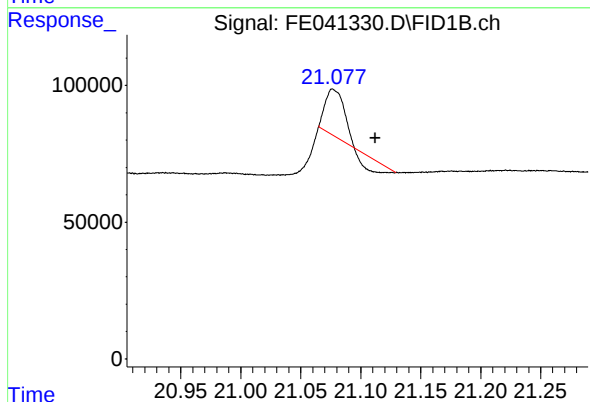
R.T.: 19.613 min
Delta R.T.: -0.029 min
Response: 381536
Conc: 2.46 ug/ml

Instrument :
FID_E
ClientSampleId :



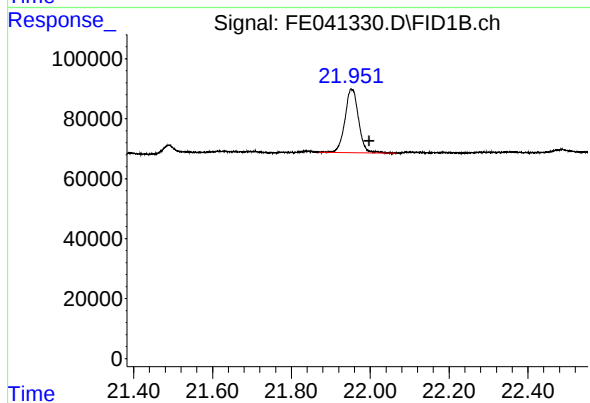
#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.029 min
Response: 622573
Conc: 4.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.035 min
Response: 128314
Conc: 0.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.046 min
Response: 506311
Conc: 3.17 ug/ml