

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047214.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2024 02:10
 Operator : YP/AJ
 Sample : P1187-01
 Misc : AL LOD 2.5 PPM
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 05:36:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 2024
 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)	11.354	964527	5.340 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
12) S 1-chlorooctadecane (S...	12.794	5664786	40.929 ug/ml
Spiked Amount 50.000		Recovery =	81.86%
Target Compounds			
1) T n-Nonane (C9)	3.199	258350	1.651 ug/ml
2) T n-Decane (C10)	4.250	328183	2.053 ug/ml
4) T n-Dodecane (C12)	6.249	517852	3.193 ug/ml
6) T n-Tetradecane (C14)	8.030	420494	2.599 ug/ml
7) T n-Hexadecane (C16)	9.621	427965	2.554 ug/ml
8) T n-Octadecane (C18)	11.052	483787	2.843 ug/ml
10) T n-Eicosane (C20)	12.352	512111	3.112 ug/ml
11) T n-Heneicosane (C21)	12.960	501142	3.090 ug/ml
13) T n-Docosane (C22)	13.541	524741	3.260 ug/ml
14) T n-Tetracosane (C24)	14.636	563642	3.539 ug/ml
15) T n-Hexacosane (C26)	15.649	537370	3.461 ug/ml
16) T n-Octacosane (C28)	16.591	545625	3.645 ug/ml
17) T n-Tricontane (C30)	17.472	573346	3.874 ug/ml
18) T n-Dotriacontane (C32)	18.297	537457	3.811 ug/ml
19) T n-Tetratriacontane (C34)	19.074	487582	3.684 ug/ml
20) T n-Hexatriacontane (C36)	19.808	457438	3.677 ug/ml
21) T n-Octatriacontane (C38)	20.505	478929	4.003 ug/ml
22) T n-Tetracontane (C40)	21.311	500408	4.324 ug/ml

(f)=RT Delta > 1/2 Window

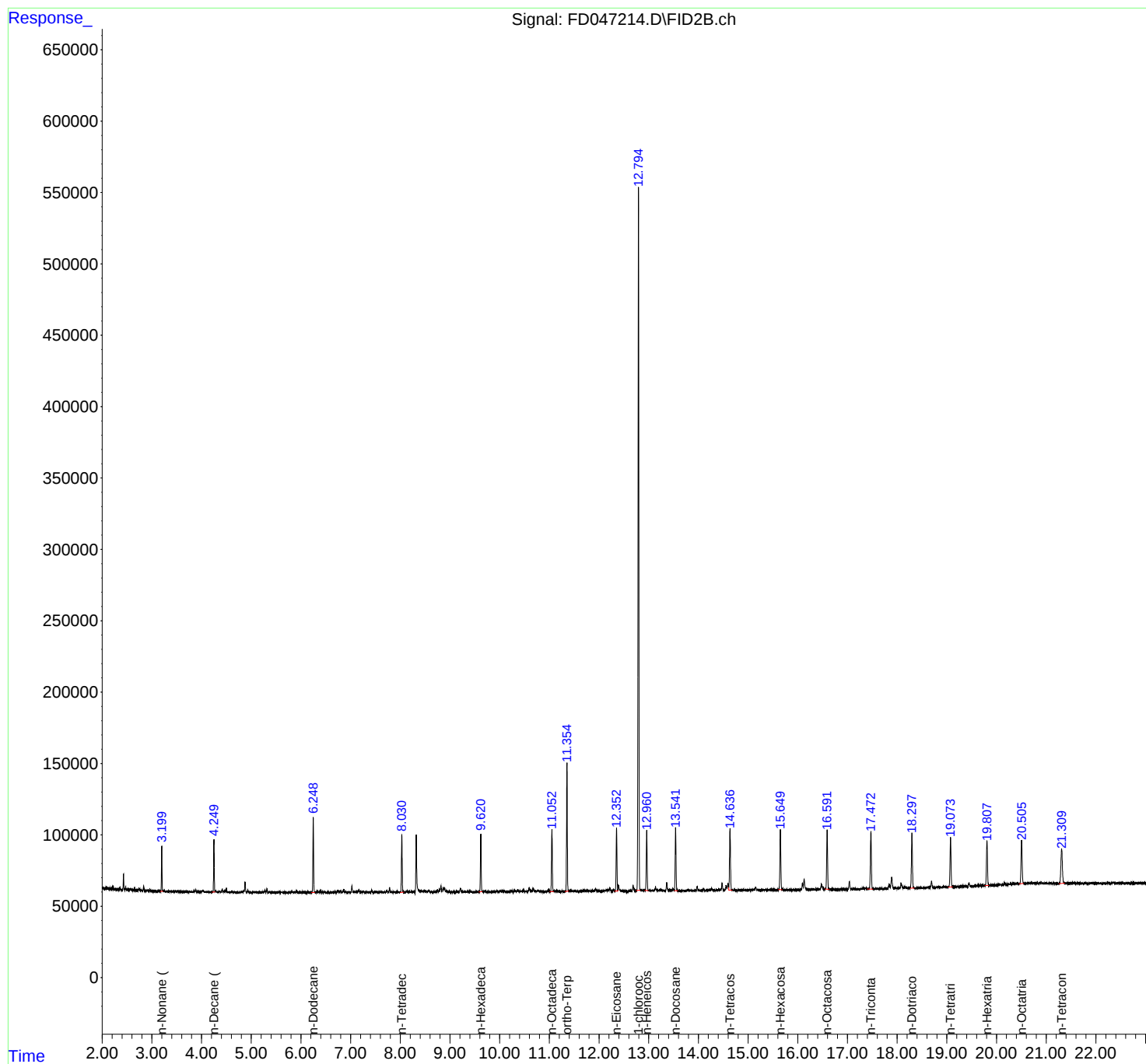
(m)=manual int.

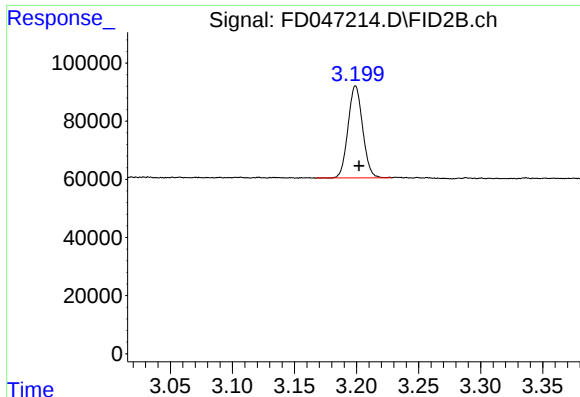
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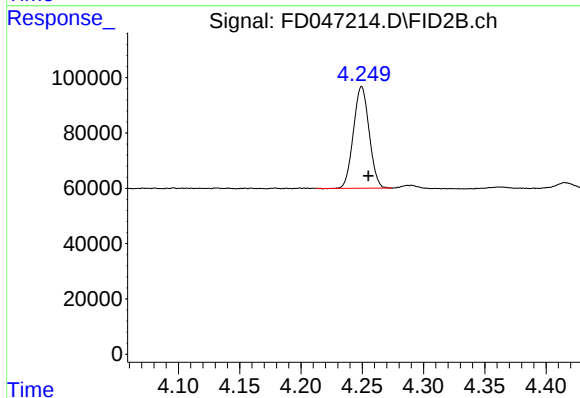




#1 n-Nonane (C9)

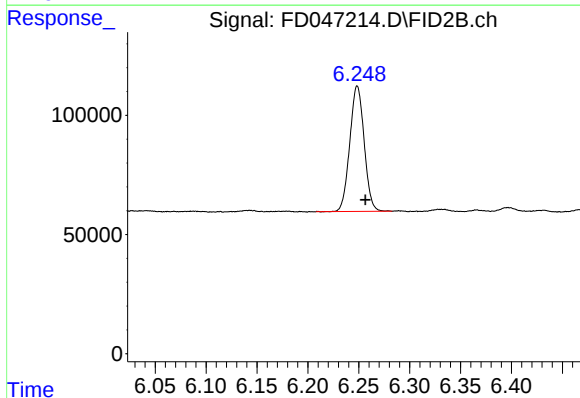
R.T.: 3.199 min
Delta R.T.: -0.003 min
Response: 258350
Conc: 1.65 ug/ml

Instrument :
FID_D
ClientSampleId :



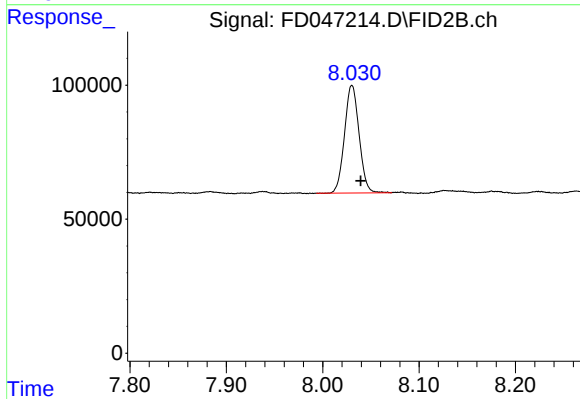
#2 n-Decane (C10)

R.T.: 4.250 min
Delta R.T.: -0.006 min
Response: 328183
Conc: 2.05 ug/ml



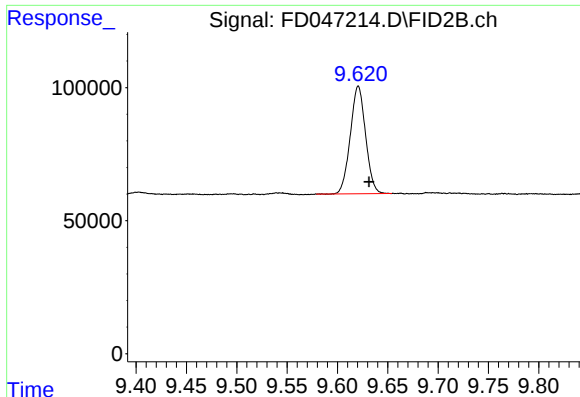
#4 n-Dodecane (C12)

R.T.: 6.249 min
Delta R.T.: -0.008 min
Response: 517852
Conc: 3.19 ug/ml



#6 n-Tetradecane (C14)

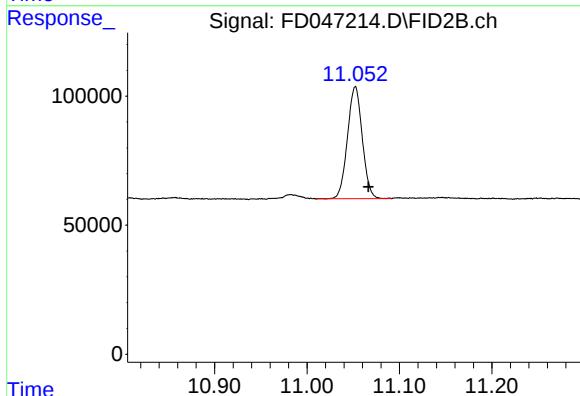
R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 420494
Conc: 2.60 ug/ml



#7 n-Hexadecane (C16)

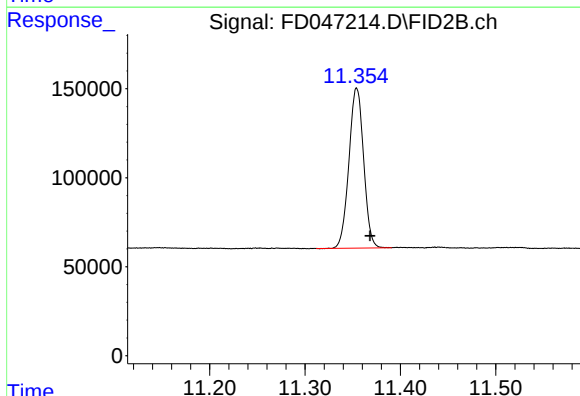
R.T.: 9.621 min
Delta R.T.: -0.011 min
Response: 427965
Conc: 2.55 ug/ml

Instrument :
FID_D
ClientSampleId :



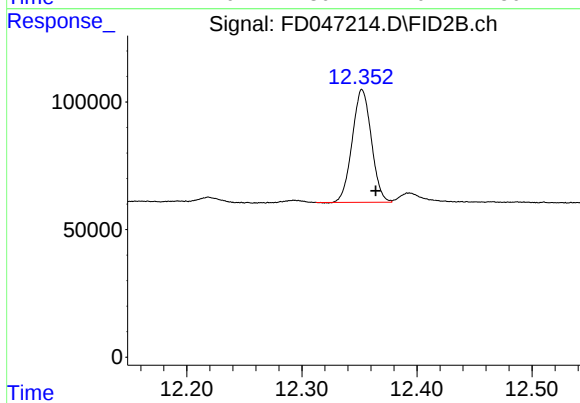
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.014 min
Response: 483787
Conc: 2.84 ug/ml



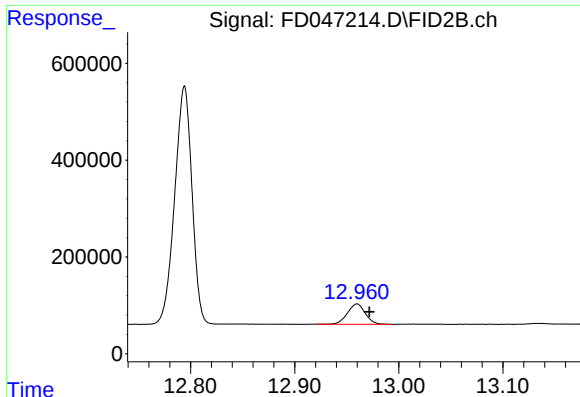
#9 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.014 min
Response: 964527
Conc: 5.34 ug/ml



#10 n-Eicosane (C20)

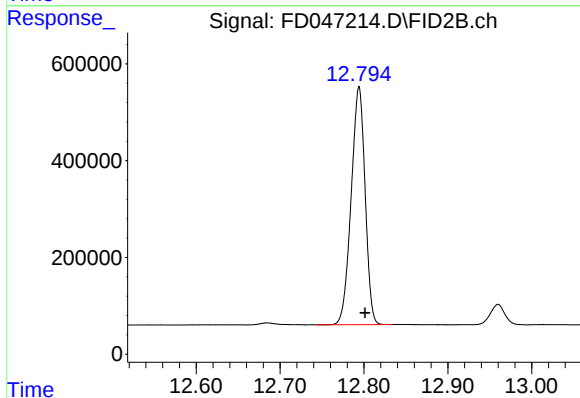
R.T.: 12.352 min
Delta R.T.: -0.012 min
Response: 512111
Conc: 3.11 ug/ml



#11 n-Heneicosane (C21)

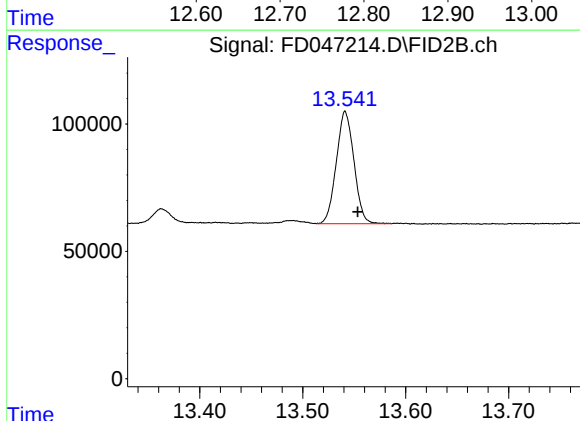
R.T.: 12.960 min
Delta R.T.: -0.012 min
Response: 501142
Conc: 3.09 ug/ml

Instrument :
FID_D
ClientSampleId :



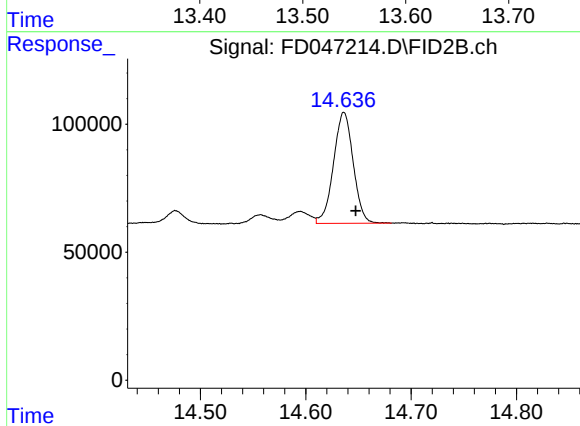
#12 1-chlorooctadecane (SURR)

R.T.: 12.794 min
Delta R.T.: -0.007 min
Response: 5664786
Conc: 40.93 ug/ml



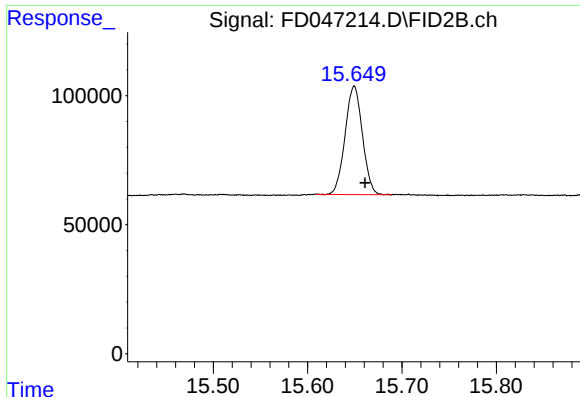
#13 n-Docosane (C22)

R.T.: 13.541 min
Delta R.T.: -0.012 min
Response: 524741
Conc: 3.26 ug/ml



#14 n-Tetracosane (C24)

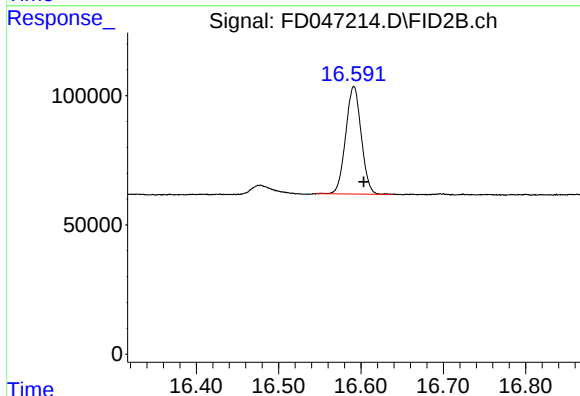
R.T.: 14.636 min
Delta R.T.: -0.011 min
Response: 563642
Conc: 3.54 ug/ml



#15 n-Hexacosane (C26)

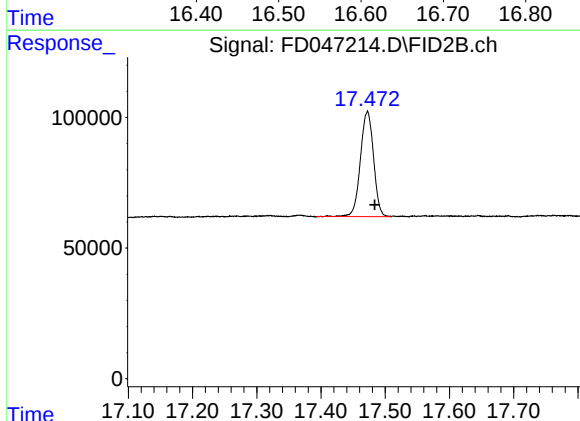
R.T.: 15.649 min
Delta R.T.: -0.011 min
Response: 537370
Conc: 3.46 ug/ml

Instrument :
FID_D
ClientSampleId :



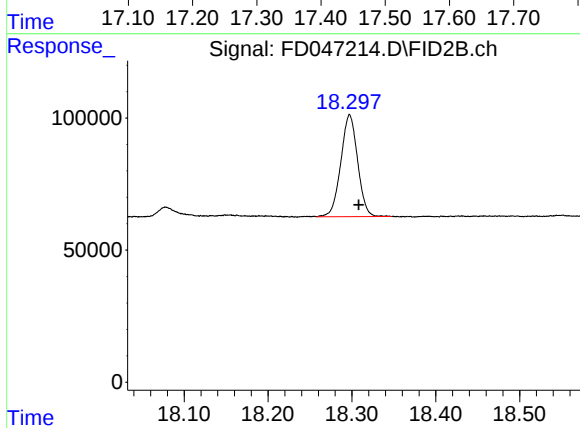
#16 n-Octacosane (C28)

R.T.: 16.591 min
Delta R.T.: -0.012 min
Response: 545625
Conc: 3.65 ug/ml



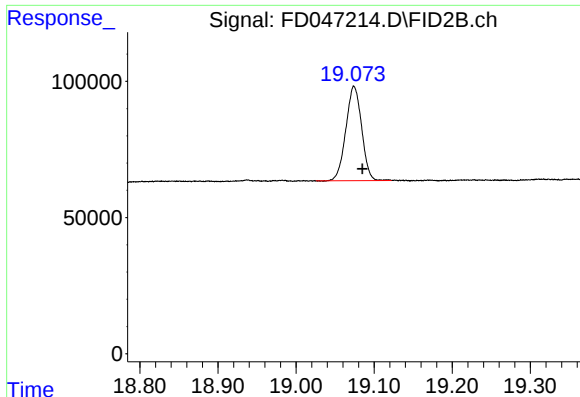
#17 n-Tricontane (C30)

R.T.: 17.472 min
Delta R.T.: -0.011 min
Response: 573346
Conc: 3.87 ug/ml



#18 n-Dotriacontane (C32)

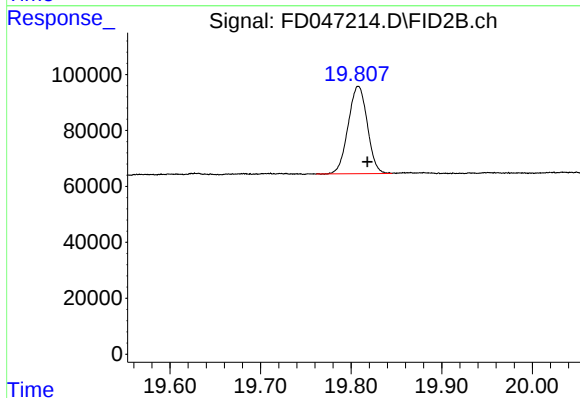
R.T.: 18.297 min
Delta R.T.: -0.011 min
Response: 537457
Conc: 3.81 ug/ml



#19 n-Tetratriacontane (C34)

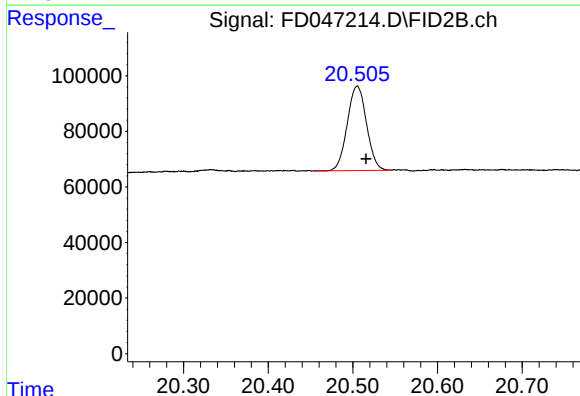
R.T.: 19.074 min
Delta R.T.: -0.011 min
Response: 487582
Conc: 3.68 ug/ml

Instrument :
FID_D
ClientSampleId :



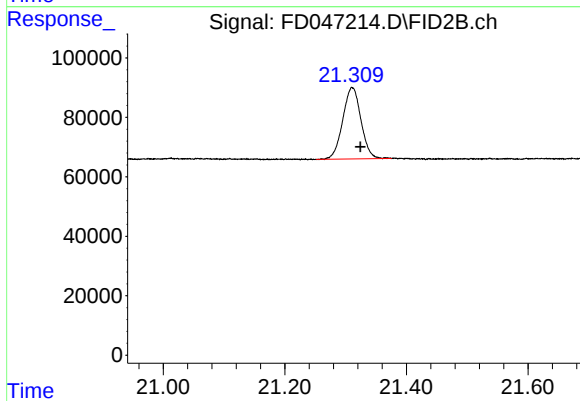
#20 n-Hexatriacontane (C36)

R.T.: 19.808 min
Delta R.T.: -0.010 min
Response: 457438
Conc: 3.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.505 min
Delta R.T.: -0.010 min
Response: 478929
Conc: 4.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.311 min
Delta R.T.: -0.014 min
Response: 500408
Conc: 4.32 ug/ml