

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061923AL\
 Data File : FE042726.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2023 02:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 06:09:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 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)	11.928	3646224	18.829 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
12) S 1-chlorooctadecane (S...	13.365	2718407	18.853 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.307	2924292	18.713 ug/ml
2) T n-Decane (C10)	4.559	2994927	18.772 ug/ml
3) T A~Naphthalene (C11.7)	6.268	3278663	19.075 ug/ml
4) T n-Dodecane (C12)	6.729	3043627	18.806 ug/ml
5) T A~2-methylnaphthalene...	7.365	3165424	19.121 ug/ml
6) T n-Tetradecane (C14)	8.558	3040353	18.863 ug/ml
7) T n-Hexadecane (C16)	10.166	3164107	18.806 ug/ml
8) T n-Octadecane (C18)	11.609	3223947	18.789 ug/ml
10) T n-Eicosane (C20)	12.919	3124814	18.828 ug/ml
11) T n-Heneicosane (C21)	13.531	3073250	18.865 ug/ml
13) T n-Docosane (C22)	14.117	3043013	18.868 ug/ml
14) T n-Tetracosane (C24)	15.219	2994770	18.958 ug/ml
15) T n-Hexacosane (C26)	16.241	2880904	19.065 ug/ml
16) T n-Octacosane (C28)	17.191	2747997	19.196 ug/ml
17) T n-Tricontane (C30)	18.079	2743393	19.458 ug/ml
18) T n-Dotriacontane (C32)	18.911	2674972	19.653 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2583192	19.538 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2490124	19.362 ug/ml
21) T n-Octatriacontane (C38)	21.179	2445250	18.884 ug/ml
22) T n-Tetracontane (C40)	22.104	2461134	18.880 ug/ml

(f)=RT Delta > 1/2 Window

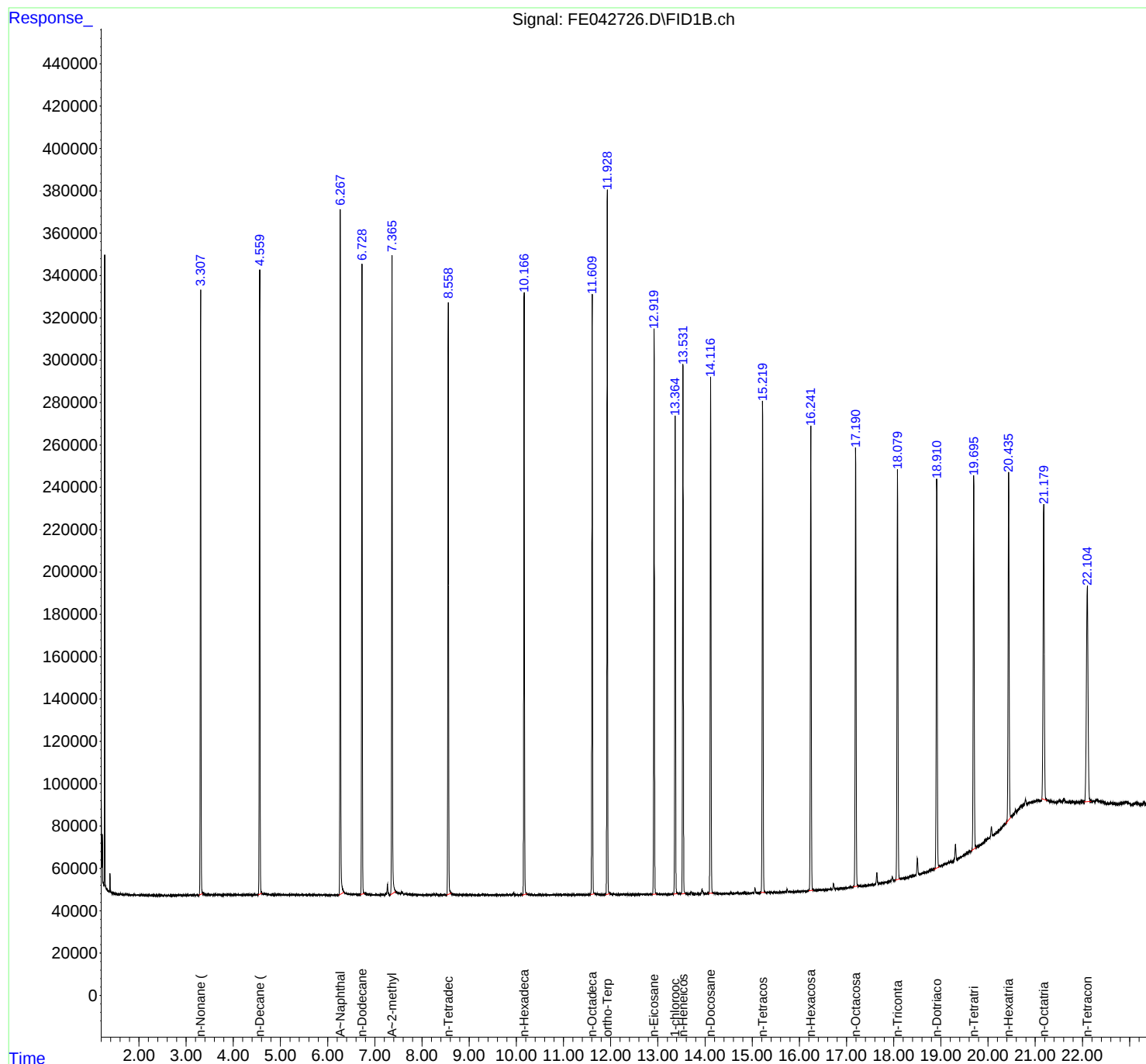
(m)=manual int.

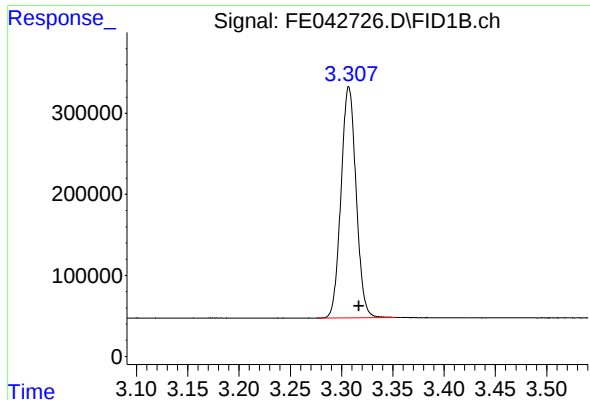
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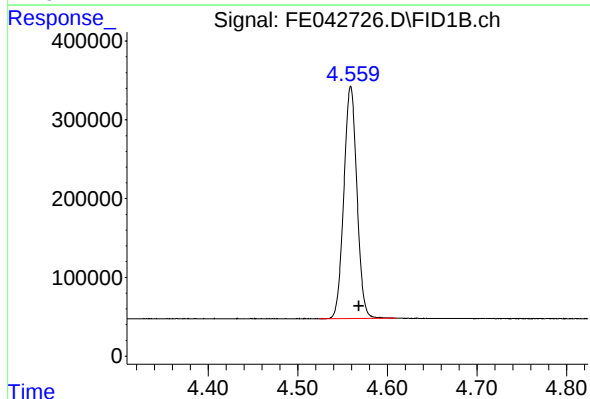




#1 n-Nonane (C9)

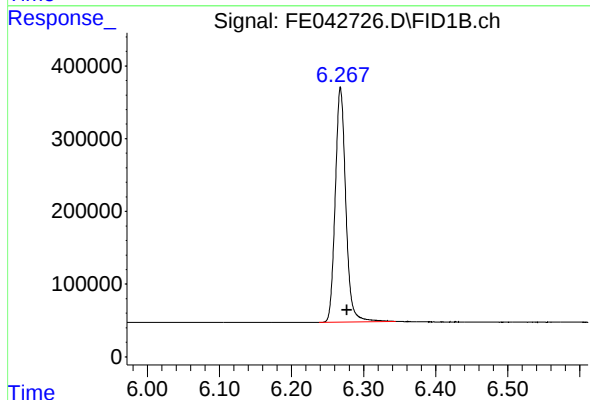
R.T.: 3.307 min
Delta R.T.: -0.010 min
Response: 2924292
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :



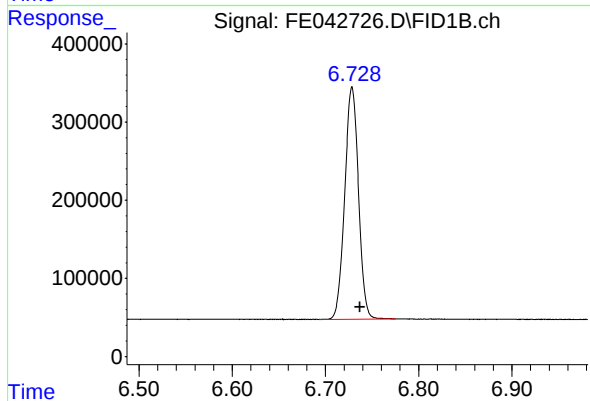
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: -0.009 min
Response: 2994927
Conc: 18.77 ug/ml



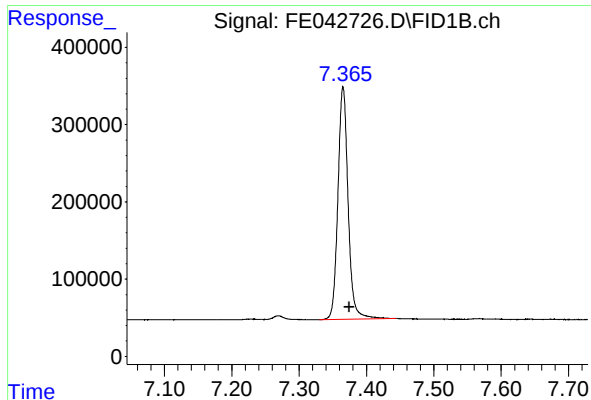
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: -0.009 min
Response: 3278663
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

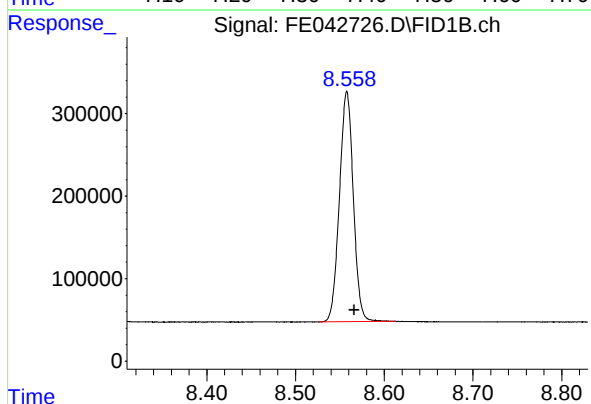
R.T.: 6.729 min
Delta R.T.: -0.009 min
Response: 3043627
Conc: 18.81 ug/ml



#5 A~2-methylnaphthalene (C12.89)

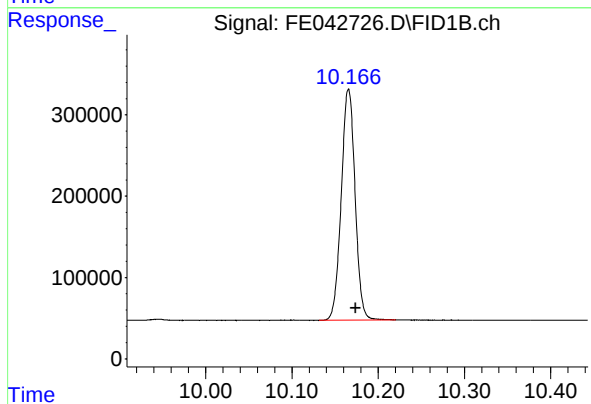
R.T.: 7.365 min
Delta R.T.: -0.009 min
Response: 3165424
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :



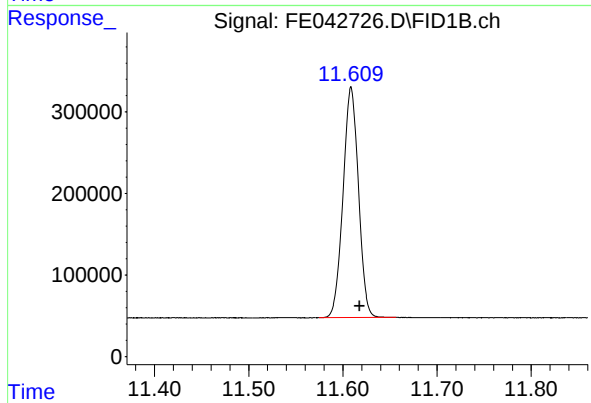
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.008 min
Response: 3040353
Conc: 18.86 ug/ml



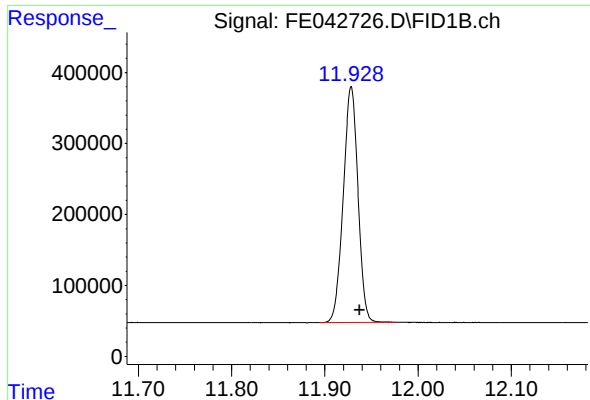
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.008 min
Response: 3164107
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.009 min
Response: 3223947
Conc: 18.79 ug/ml



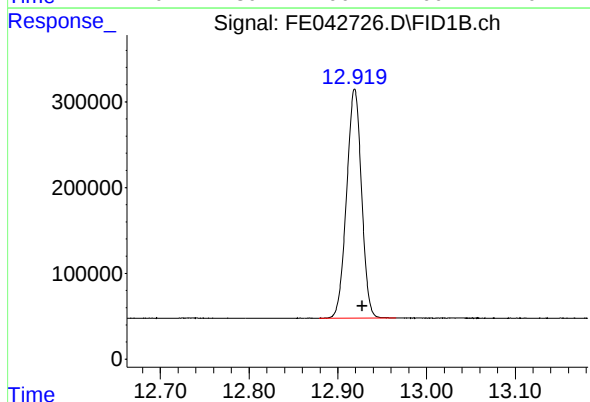
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.009 min
Response: 3646224
Conc: 18.83 ug/ml

Instrument :

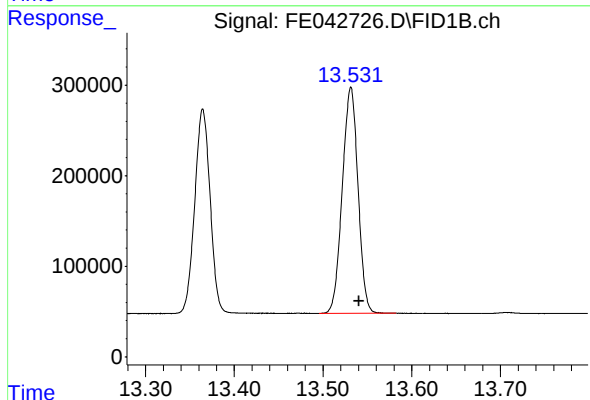
FID_E

ClientSampleId :



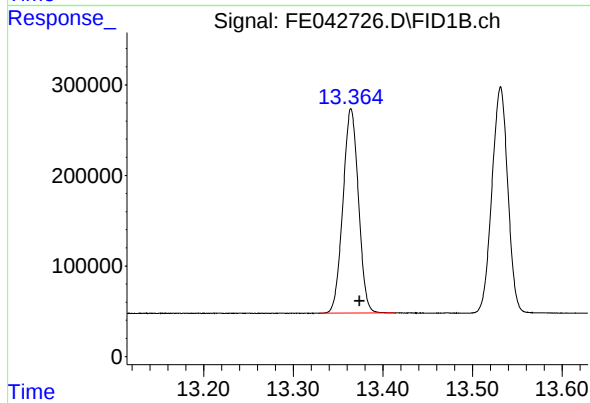
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.008 min
Response: 3124814
Conc: 18.83 ug/ml



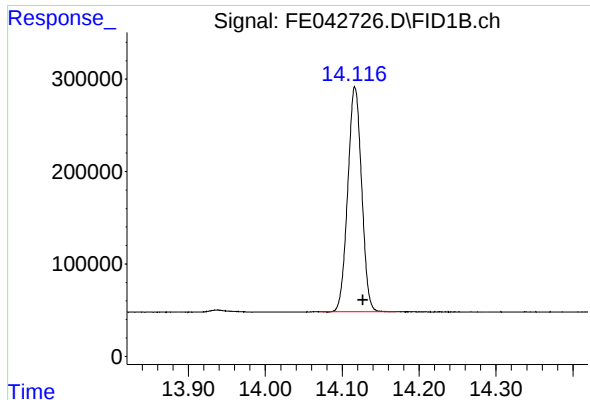
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.009 min
Response: 3073250
Conc: 18.87 ug/ml



#12 1-chlorooctadecane (SURR)

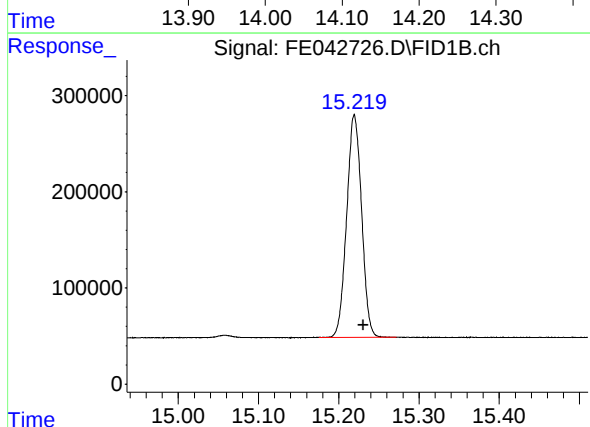
R.T.: 13.365 min
Delta R.T.: -0.010 min
Response: 2718407
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

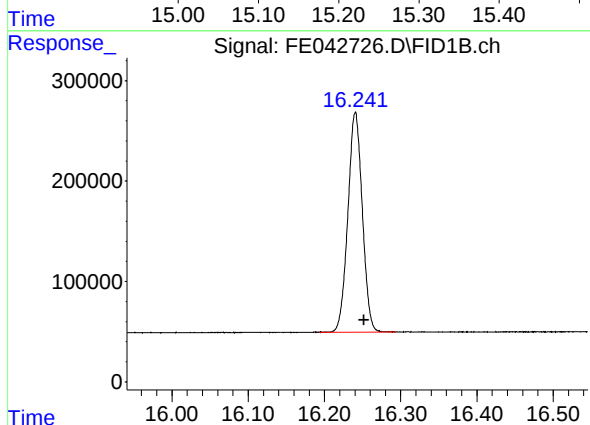
R.T.: 14.117 min
Delta R.T.: -0.010 min
Response: 3043013
Conc: 18.87 ug/ml

Instrument :
FID_E
ClientSampleId :



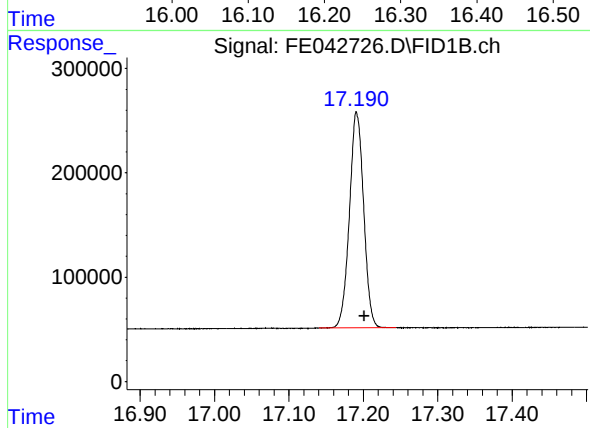
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.011 min
Response: 2994770
Conc: 18.96 ug/ml



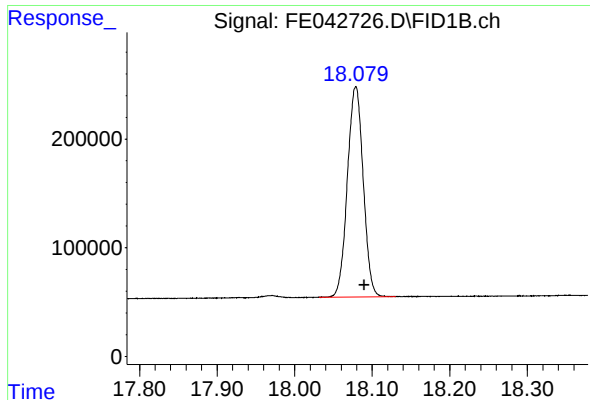
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.011 min
Response: 2880904
Conc: 19.07 ug/ml



#16 n-Octacosane (C28)

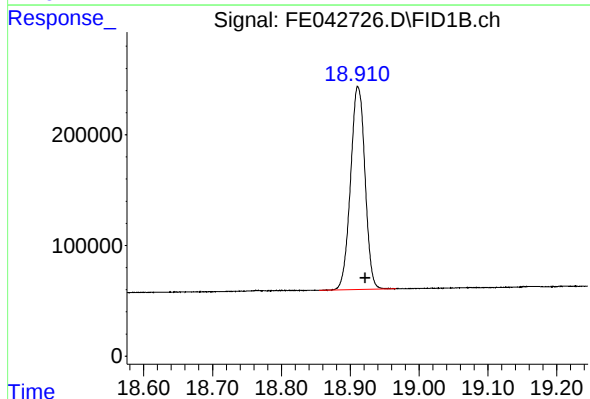
R.T.: 17.191 min
Delta R.T.: -0.010 min
Response: 2747997
Conc: 19.20 ug/ml



#17 n-Tricontane (C30)

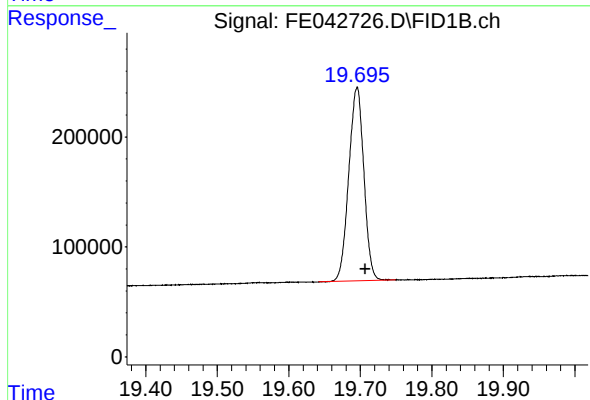
R.T.: 18.079 min
Delta R.T.: -0.011 min
Response: 2743393
Conc: 19.46 ug/ml

Instrument :
FID_E
ClientSampleId :



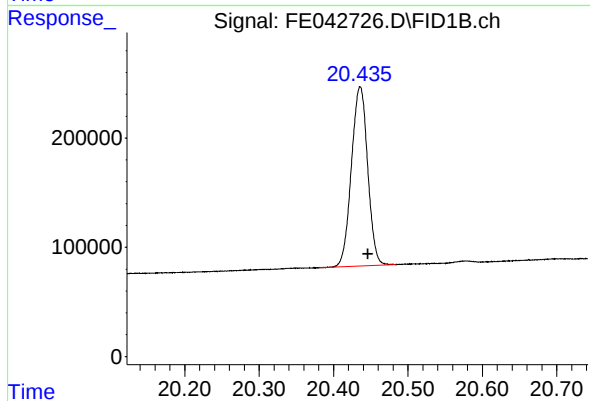
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.011 min
Response: 2674972
Conc: 19.65 ug/ml



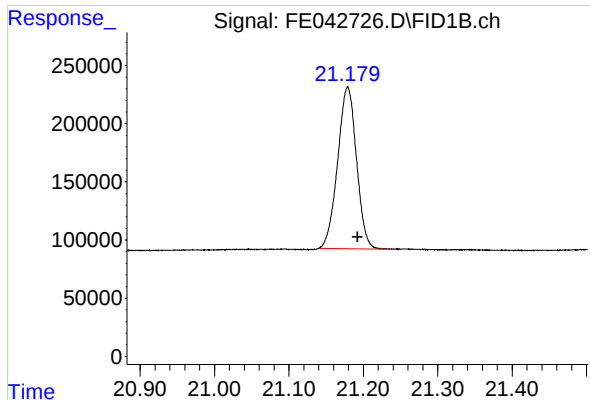
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.011 min
Response: 2583192
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

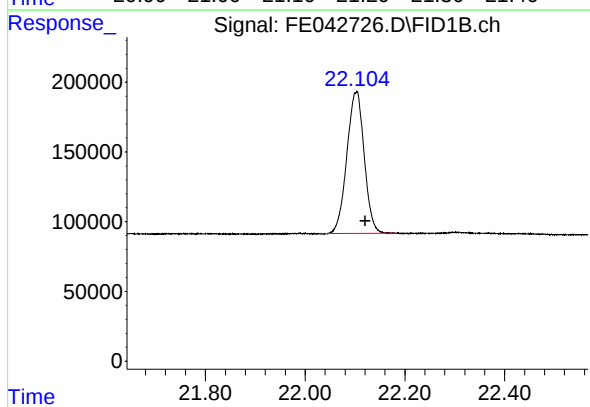
R.T.: 20.436 min
Delta R.T.: -0.011 min
Response: 2490124
Conc: 19.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.013 min
Response: 2445250
Conc: 18.88 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: -0.017 min
Response: 2461134
Conc: 18.88 ug/ml