

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062624AL\
 Data File : FE048906.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2024 08:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 09:16:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.942	3156801	18.879 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	13.376	2415244	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.324	3022275	20.103 ug/ml
2) T n-Decane (C10)	4.573	3077053	19.995 ug/ml
3) T A~Naphthalene (C11.7)	6.282	3169364	19.964 ug/ml
4) T n-Dodecane (C12)	6.740	3064262	19.850 ug/ml
5) T A~2-methylnaphthalene...	7.379	3004267	19.838 ug/ml
6) T n-Tetradecane (C14)	8.570	2998085	19.562 ug/ml
7) T n-Hexadecane (C16)	10.178	3085238	19.732 ug/ml
8) T n-Octadecane (C18)	11.621	3074660	19.278 ug/ml
10) T n-Eicosane (C20)	12.931	2923774	18.859 ug/ml
11) T n-Heneicosane (C21)	13.542	2858371	18.772 ug/ml
13) T n-Docosane (C22)	14.129	2818303	18.635 ug/ml
14) T n-Tetracosane (C24)	15.231	2803612	18.656 ug/ml
15) T n-Hexacosane (C26)	16.252	2743447	18.583 ug/ml
16) T n-Octacosane (C28)	17.203	2795999	19.388 ug/ml
17) T n-Tricontane (C30)	18.089	2896437	19.798 ug/ml
18) T n-Dotriacontane (C32)	18.922	3049570	21.329 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2712442	19.603 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2598581	19.994 ug/ml
21) T n-Octatriacontane (C38)	21.183	2626204	20.486 ug/ml
22) T n-Tetracontane (C40)	22.104	3210351	26.216 ug/ml

(f)=RT Delta > 1/2 Window

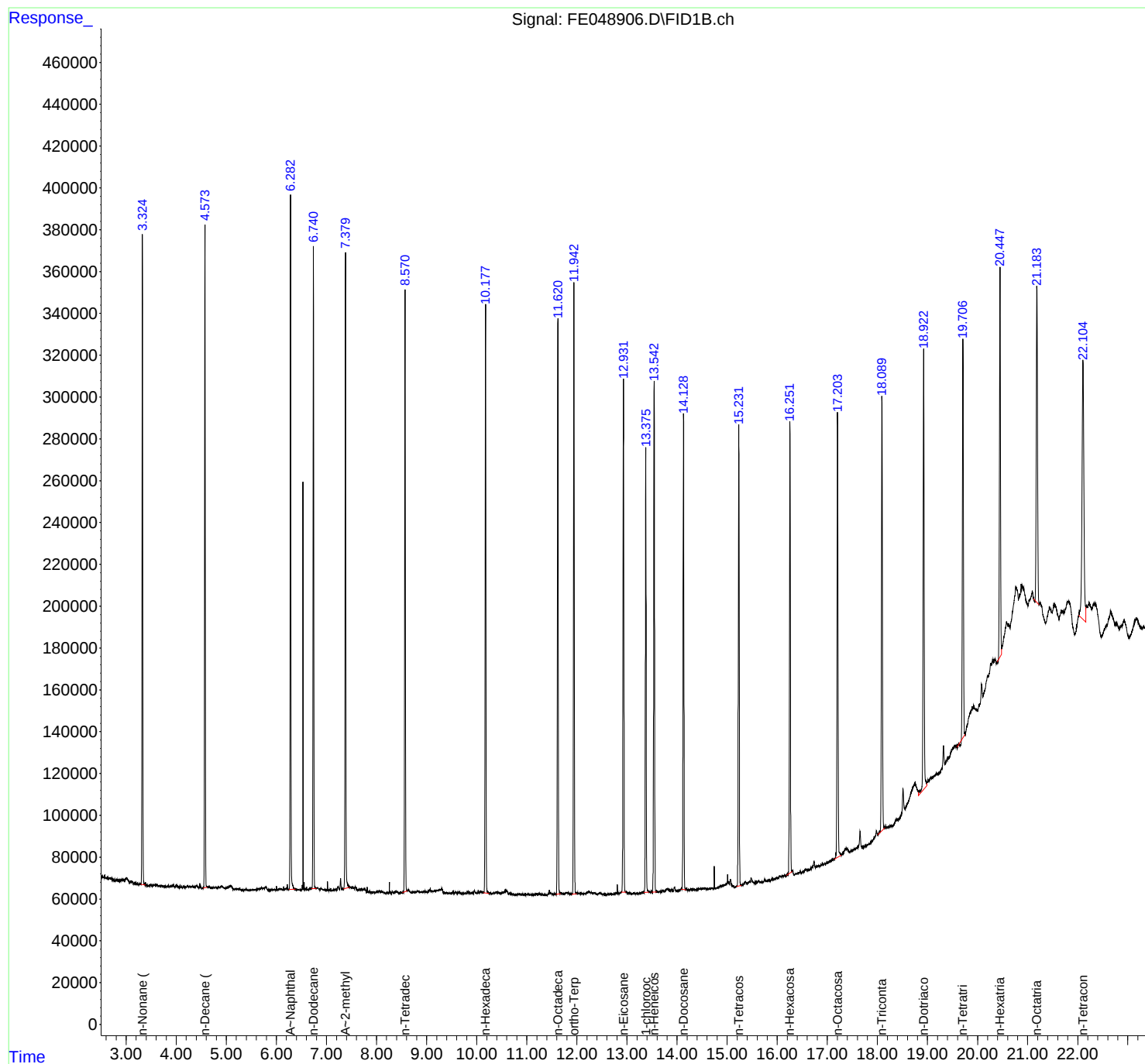
(m)=manual int.

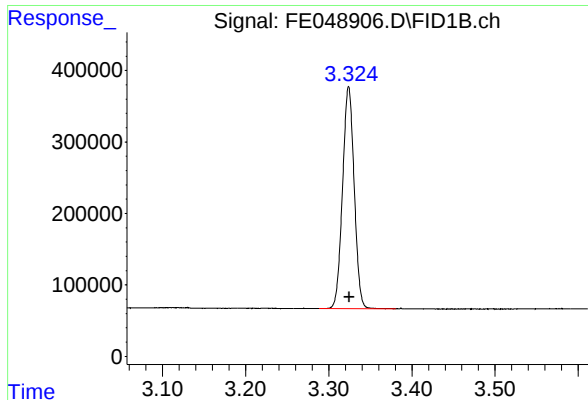
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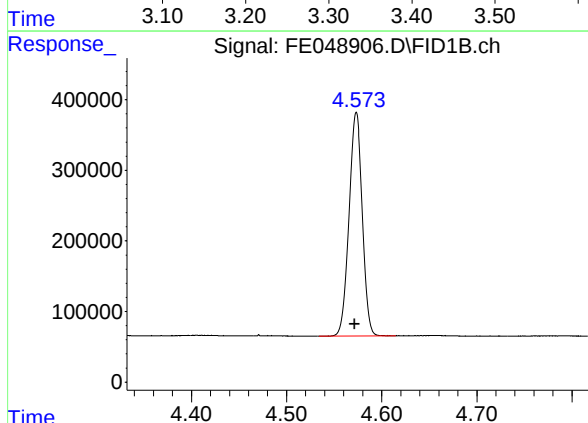




#1 n-Nonane (C9)

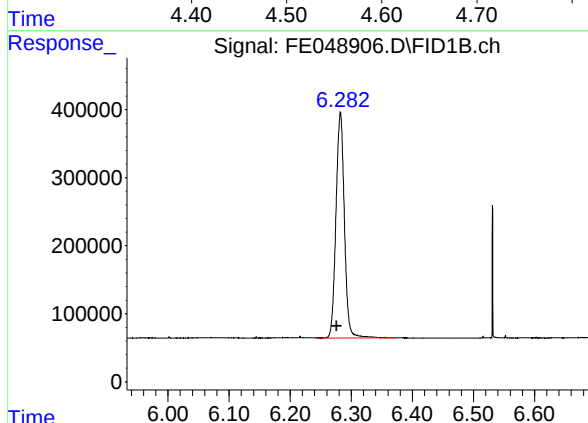
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 3022275
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :



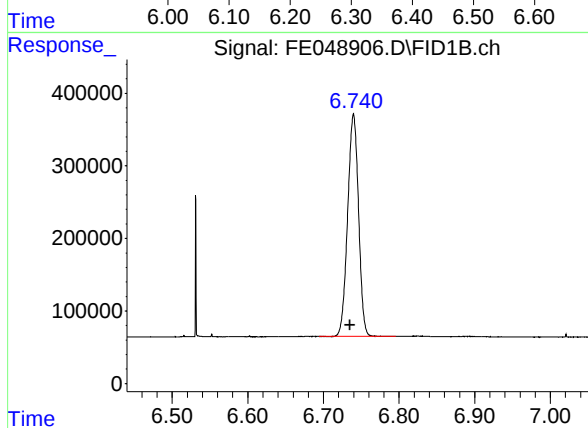
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.002 min
Response: 3077053
Conc: 20.00 ug/ml



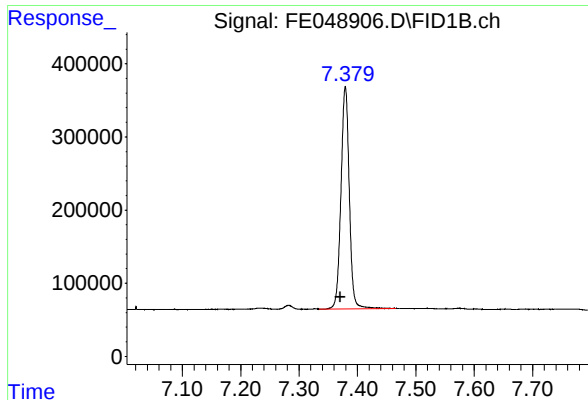
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: 0.006 min
Response: 3169364
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

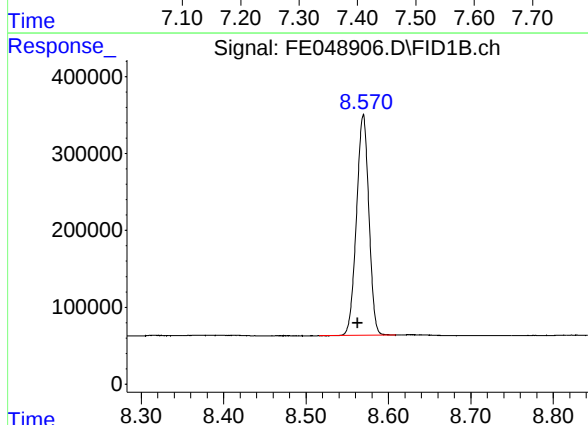
R.T.: 6.740 min
Delta R.T.: 0.005 min
Response: 3064262
Conc: 19.85 ug/ml



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

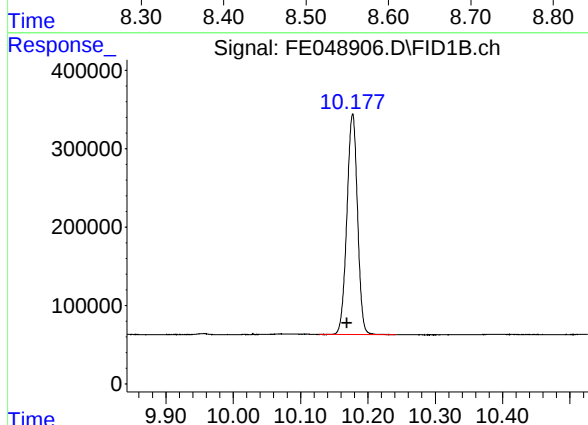
R.T.: 7.379 min
Delta R.T.: 0.009 min
Response: 3004267
Conc: 19.84 ug/ml

Instrument :
FID_E
ClientSampleId :



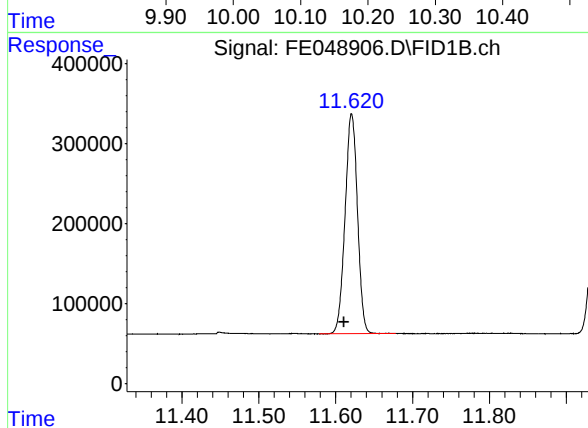
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.007 min
Response: 2998085
Conc: 19.56 ug/ml



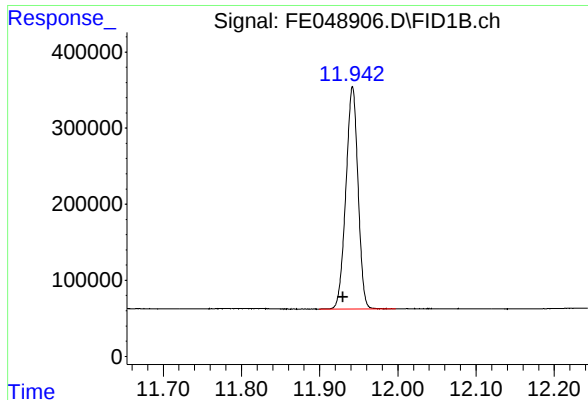
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: 0.009 min
Response: 3085238
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

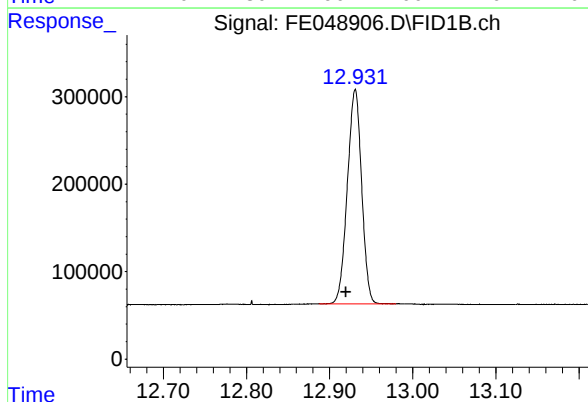
R.T.: 11.621 min
Delta R.T.: 0.010 min
Response: 3074660
Conc: 19.28 ug/ml



#9 ortho-Terphenyl (SURR)

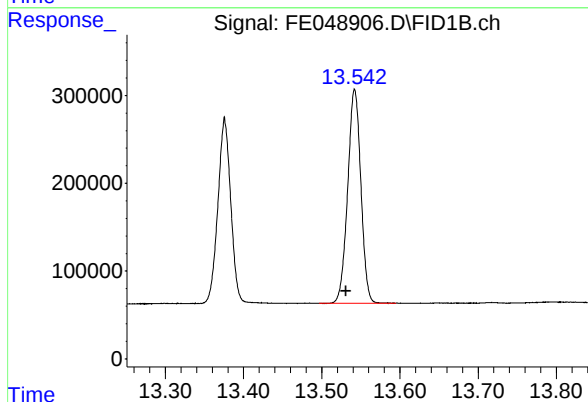
R.T.: 11.942 min
Delta R.T.: 0.012 min
Response: 3156801
Conc: 18.88 ug/ml

Instrument :
FID_E
ClientSampleId :



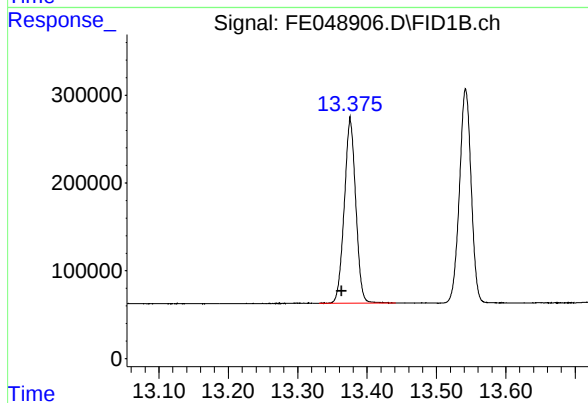
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: 0.011 min
Response: 2923774
Conc: 18.86 ug/ml



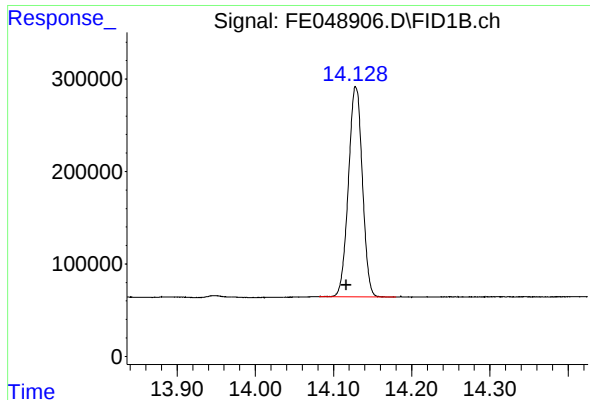
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: 0.011 min
Response: 2858371
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

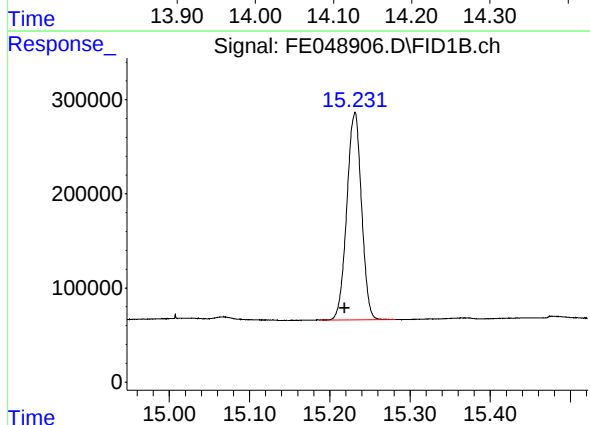
R.T.: 13.376 min
Delta R.T.: 0.012 min
Response: 2415244
Conc: 18.78 ug/ml



#13 n-Docosane (C22)

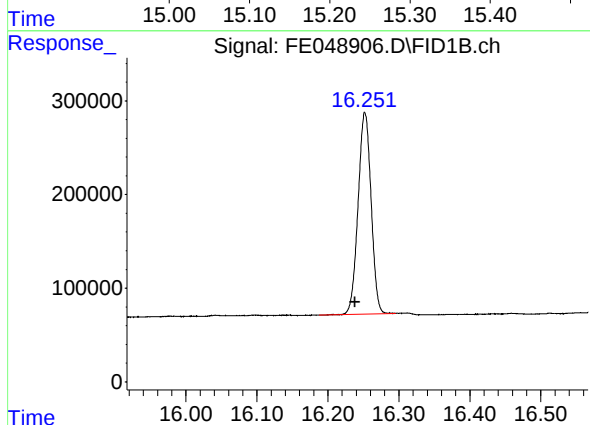
R.T.: 14.129 min
Delta R.T.: 0.012 min
Response: 2818303
Conc: 18.64 ug/ml

Instrument :
FID_E
ClientSampleId :



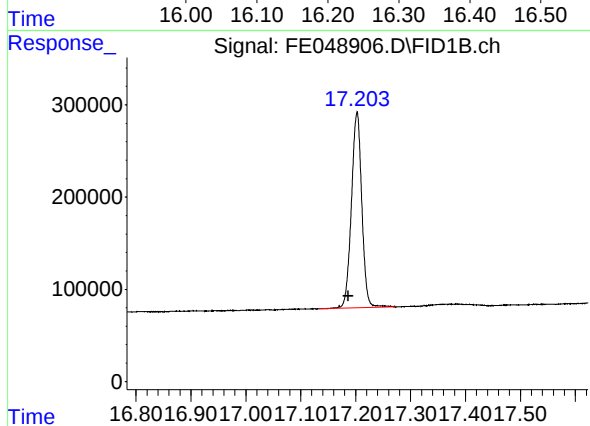
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: 0.013 min
Response: 2803612
Conc: 18.66 ug/ml



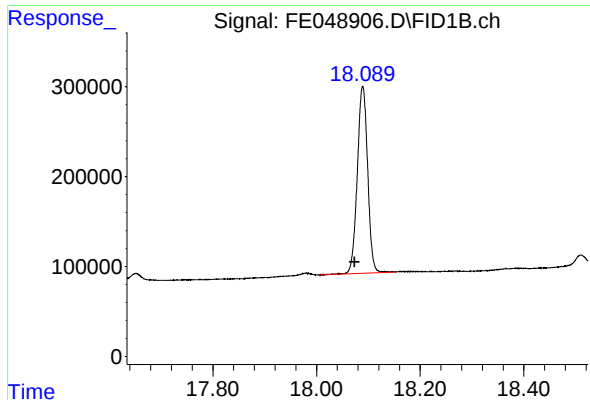
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: 0.014 min
Response: 2743447
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

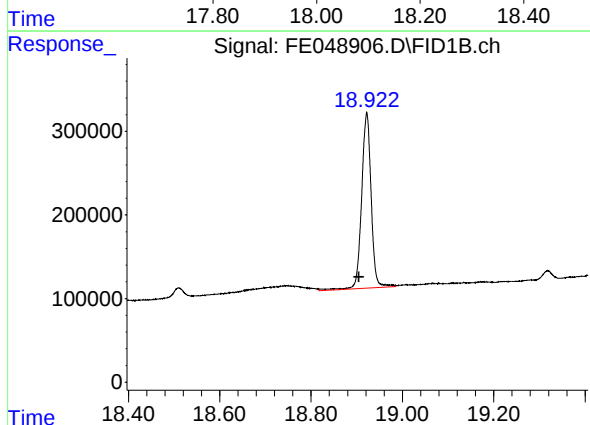
R.T.: 17.203 min
Delta R.T.: 0.016 min
Response: 2795999
Conc: 19.39 ug/ml



#17 n-Tricontane (C30)

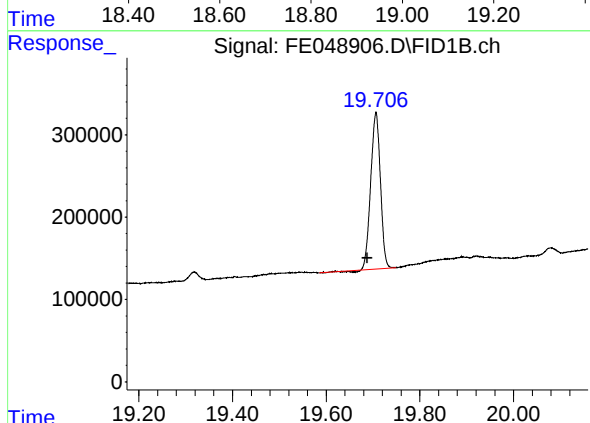
R.T.: 18.089 min
Delta R.T.: 0.016 min
Response: 2896437
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :



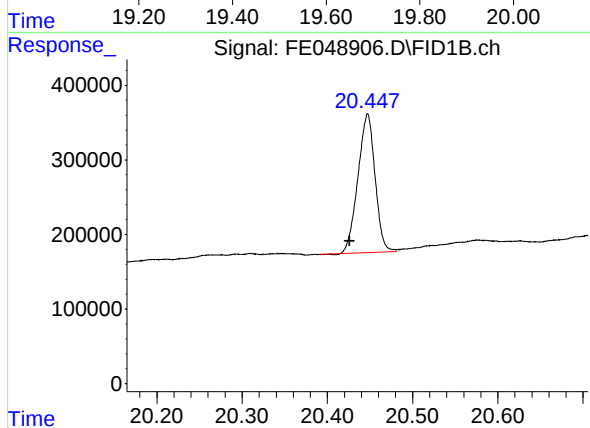
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: 0.017 min
Response: 3049570
Conc: 21.33 ug/ml



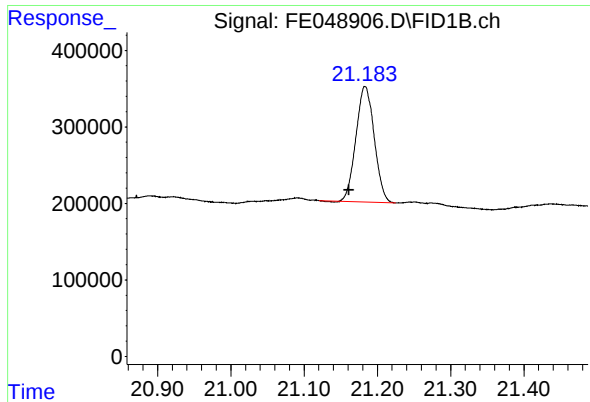
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: 0.018 min
Response: 2712442
Conc: 19.60 ug/ml



#20 n-Hexatriacontane (C36)

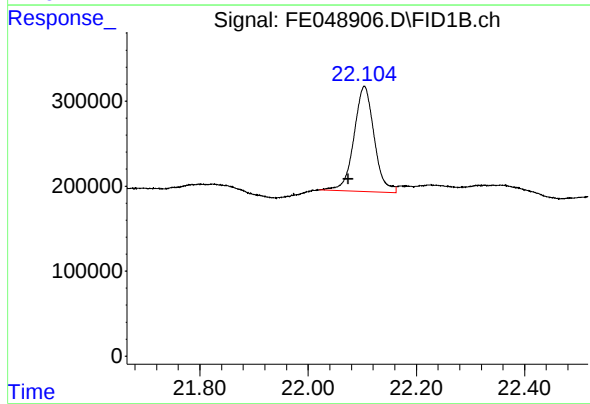
R.T.: 20.447 min
Delta R.T.: 0.021 min
Response: 2598581
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: 0.022 min
Response: 2626204
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.030 min
Response: 3210351
Conc: 26.22 ug/ml