

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042624AL\
 Data File : FE047837.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2024 21:10
 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: Apr 26 23:39:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.972	3264728	18.823 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
12) S 1-chlorooctadecane (S...	13.405	2531426	18.822 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T n-Nonane (C9)	3.353	2965684	18.956 ug/ml
2) T n-Decane (C10)	4.606	3018302	18.780 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3187682	18.800 ug/ml
4) T n-Dodecane (C12)	6.772	3038088	18.718 ug/ml
5) T A~2-methylnaphthalene...	7.410	3063319	18.653 ug/ml
6) T n-Tetradecane (C14)	8.601	3005753	18.684 ug/ml
7) T n-Hexadecane (C16)	10.208	3120548	18.790 ug/ml
8) T n-Octadecane (C18)	11.651	3155776	18.818 ug/ml
10) T n-Eicosane (C20)	12.960	3041709	18.776 ug/ml
11) T n-Heneicosane (C21)	13.572	2991121	18.851 ug/ml
13) T n-Docosane (C22)	14.158	2991284	18.639 ug/ml
14) T n-Tetracosane (C24)	15.260	3013912	18.259 ug/ml
15) T n-Hexacosane (C26)	16.280	2990220	18.090 ug/ml
16) T n-Octacosane (C28)	17.228	2979179	17.978 ug/ml
17) T n-Tricontane (C30)	18.115	3056782	18.005 ug/ml
18) T n-Dotriacontane (C32)	18.947	3065149	18.382 ug/ml
19) T n-Tetratriacontane (C34)	19.730	3024230	18.856 ug/ml
20) T n-Hexatriacontane (C36)	20.469	3021572	18.944 ug/ml
21) T n-Octatriacontane (C38)	21.211	3069382	18.886 ug/ml
22) T n-Tetracontane (C40)	22.139	3059412	18.686 ug/ml

(f)=RT Delta > 1/2 Window

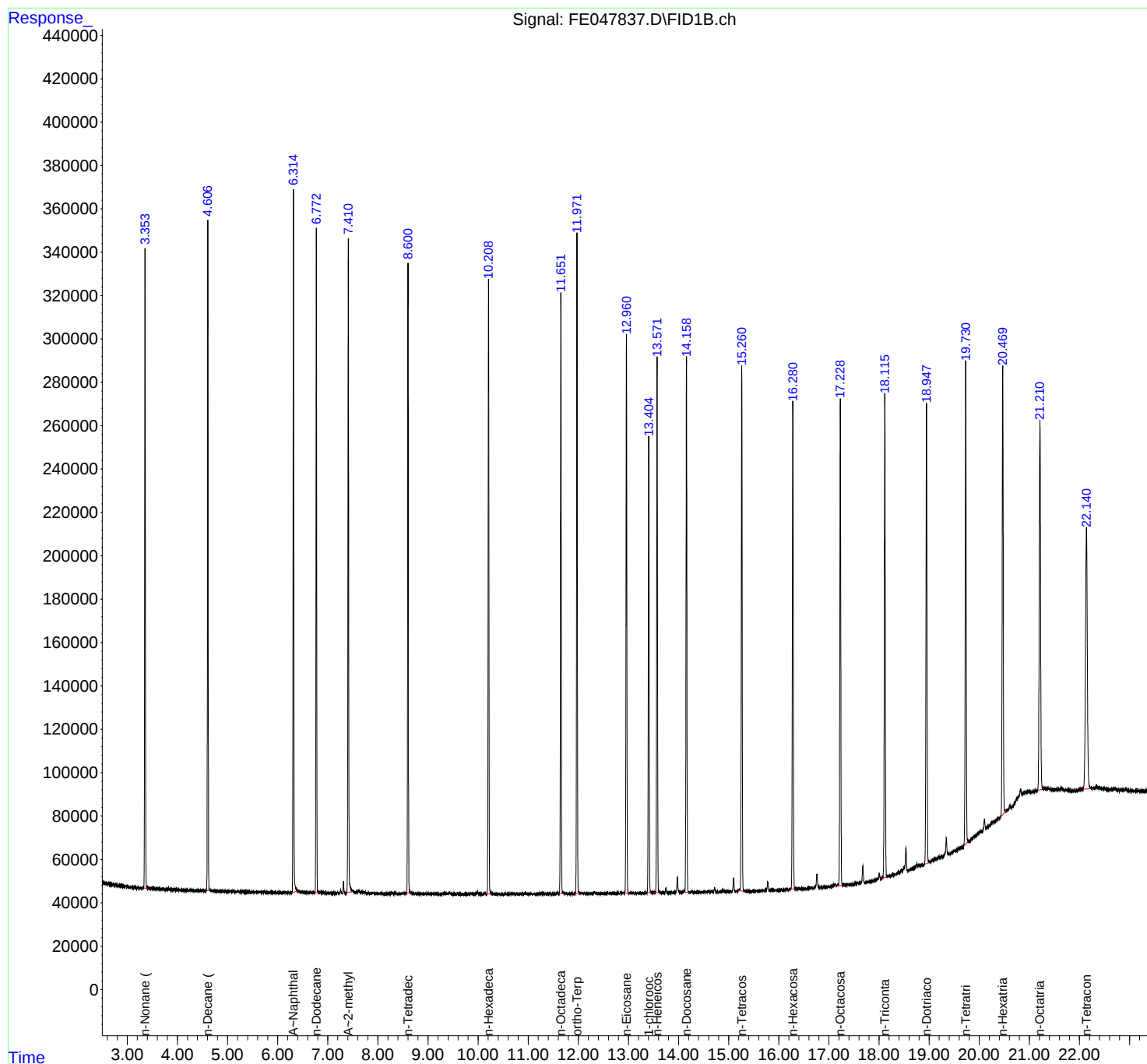
(m)=manual int.

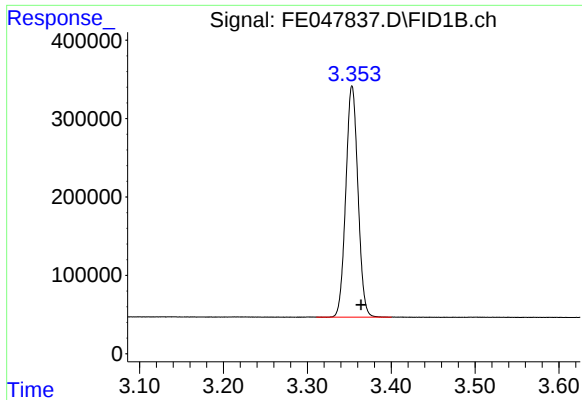
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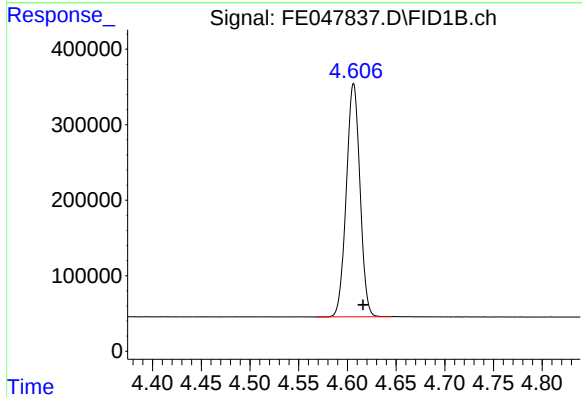




#1 n-Nonane (C9)

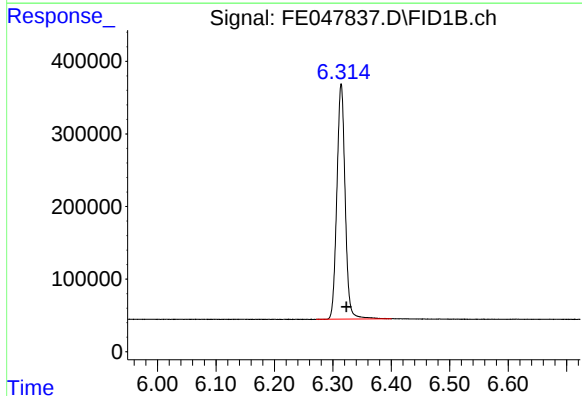
R.T.: 3.353 min
Delta R.T.: -0.011 min
Response: 2965684
Conc: 18.96 ug/ml

Instrument :
FID_E
ClientSampleId :



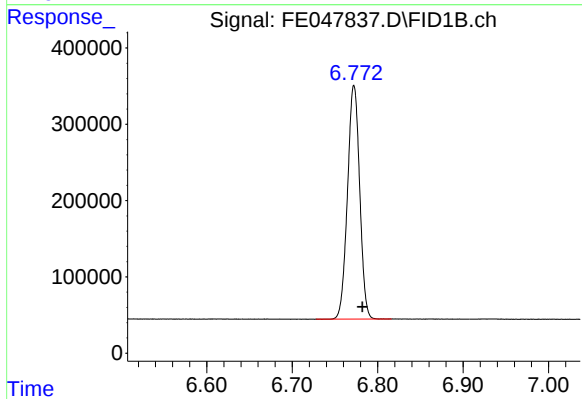
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.010 min
Response: 3018302
Conc: 18.78 ug/ml



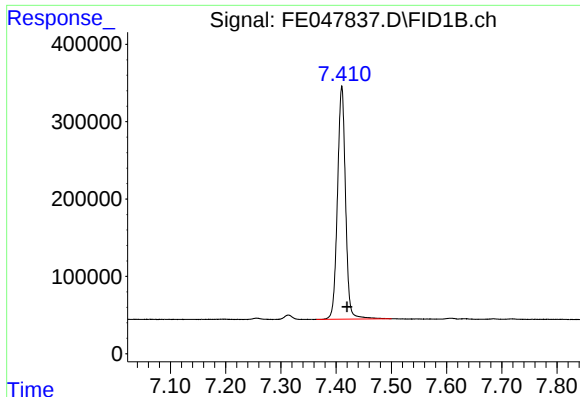
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.009 min
Response: 3187682
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

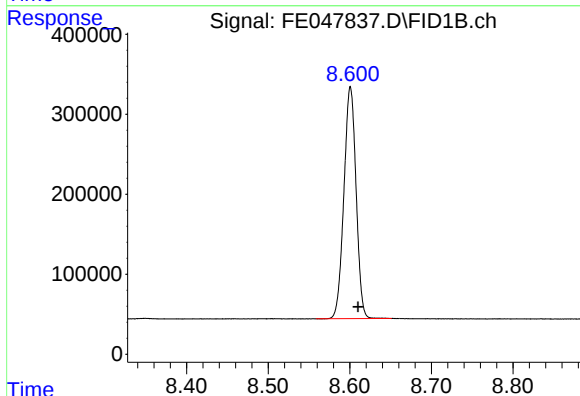
R.T.: 6.772 min
Delta R.T.: -0.010 min
Response: 3038088
Conc: 18.72 ug/ml



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

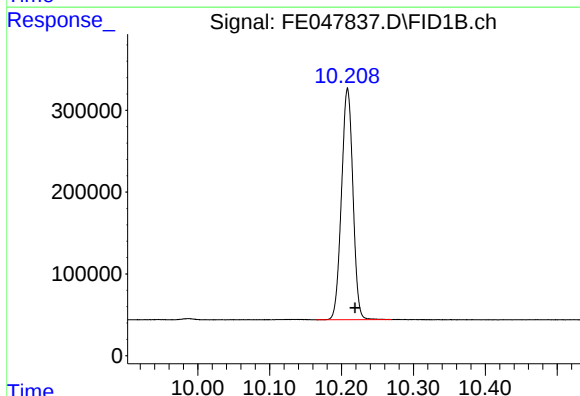
R.T.: 7.410 min
Delta R.T.: -0.009 min
Response: 3063319
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :



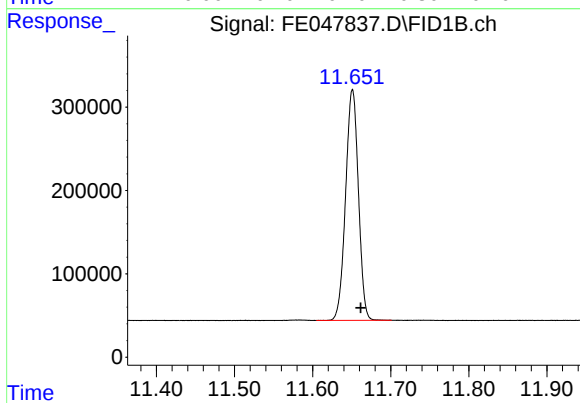
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.010 min
Response: 3005753
Conc: 18.68 ug/ml



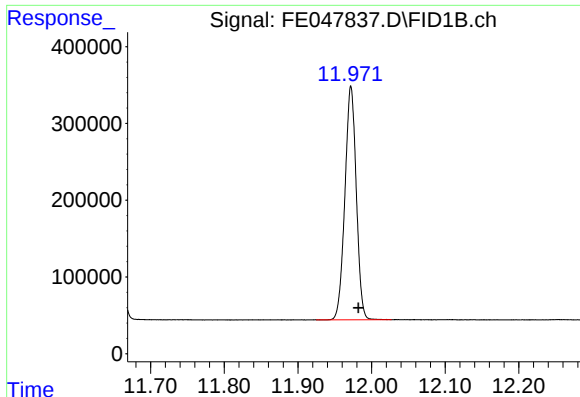
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.010 min
Response: 3120548
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

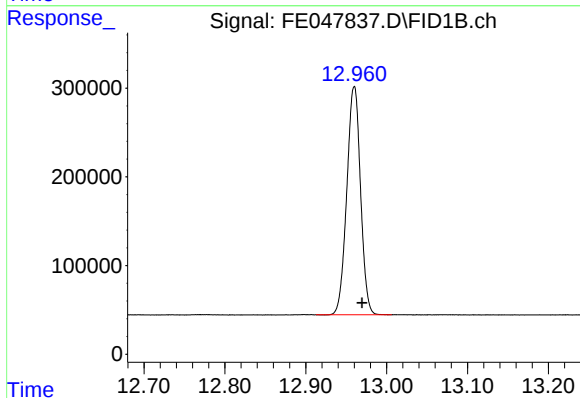
R.T.: 11.651 min
Delta R.T.: -0.011 min
Response: 3155776
Conc: 18.82 ug/ml



#9 ortho-Terphenyl (SURR)

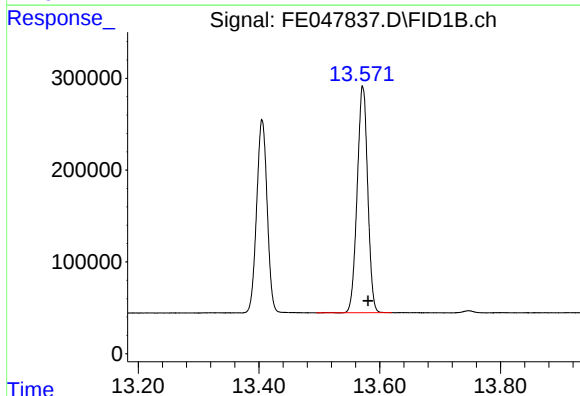
R.T.: 11.972 min
Delta R.T.: -0.010 min
Response: 3264728
Conc: 18.82 ug/ml

Instrument :
FID_E
ClientSampleId :



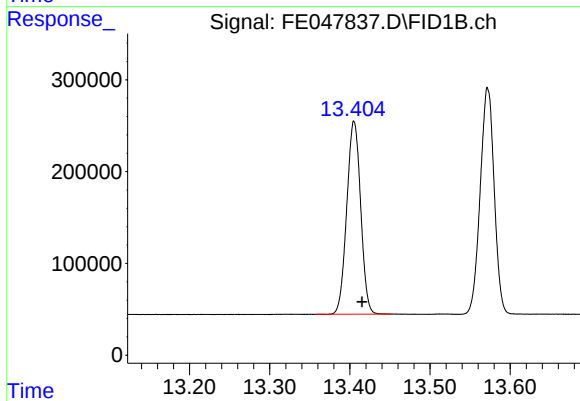
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.010 min
Response: 3041709
Conc: 18.78 ug/ml



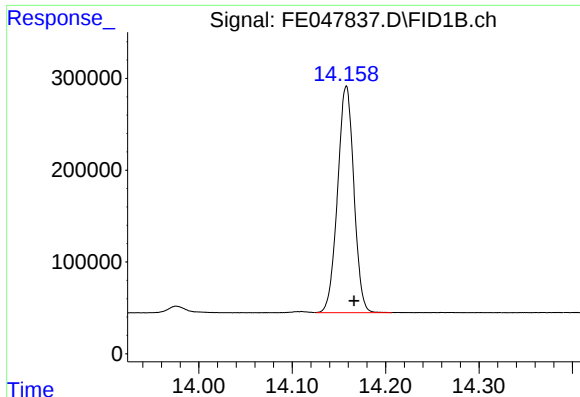
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.008 min
Response: 2991121
Conc: 18.85 ug/ml



#12 1-chlorooctadecane (SURR)

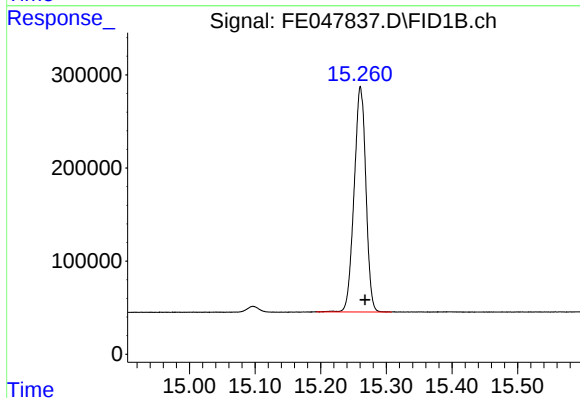
R.T.: 13.405 min
Delta R.T.: -0.010 min
Response: 2531426
Conc: 18.82 ug/ml



#13 n-Docosane (C22)

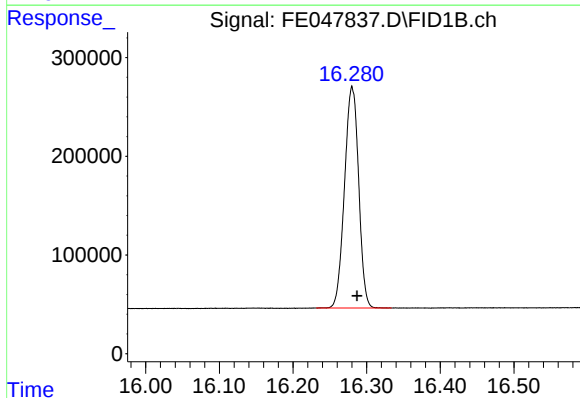
R.T.: 14.158 min
Delta R.T.: -0.008 min
Response: 2991284
Conc: 18.64 ug/ml

Instrument :
FID_E
ClientSampleId :



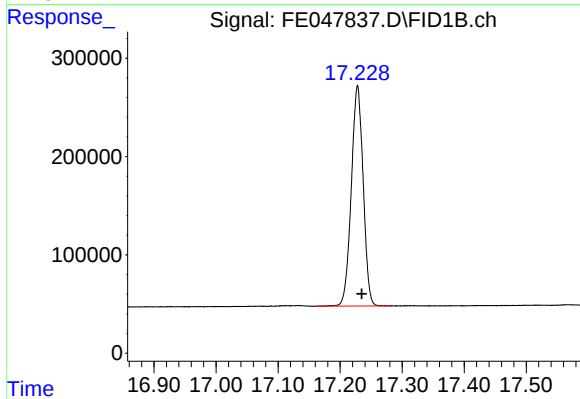
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: -0.007 min
Response: 3013912
Conc: 18.26 ug/ml



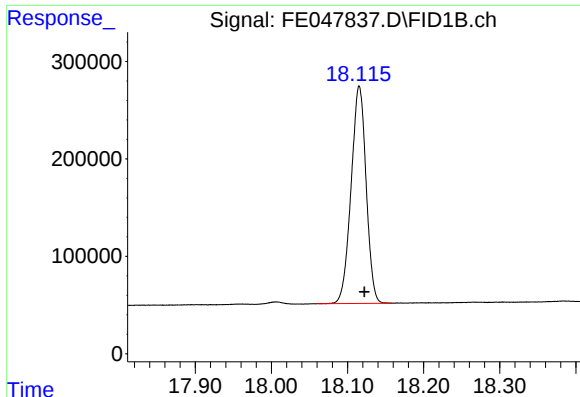
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.007 min
Response: 2990220
Conc: 18.09 ug/ml



#16 n-Octacosane (C28)

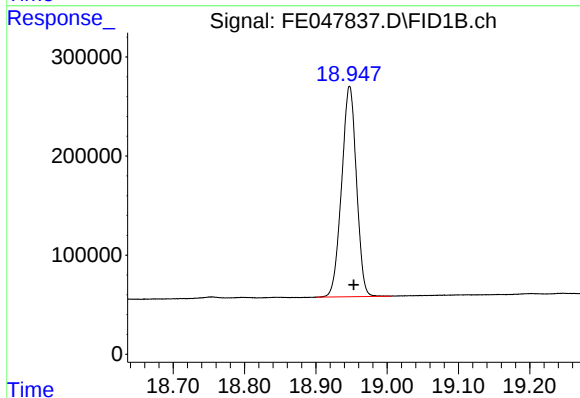
R.T.: 17.228 min
Delta R.T.: -0.007 min
Response: 2979179
Conc: 17.98 ug/ml



#17 n-Tricontane (C30)

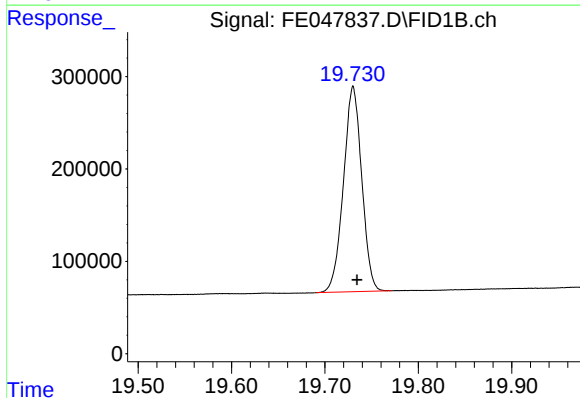
R.T.: 18.115 min
Delta R.T.: -0.007 min
Response: 3056782
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :



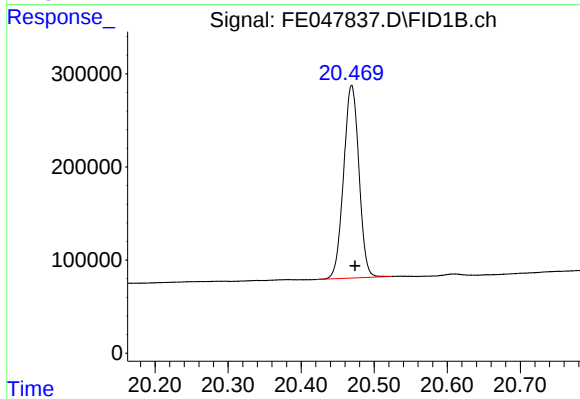
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.006 min
Response: 3065149
Conc: 18.38 ug/ml



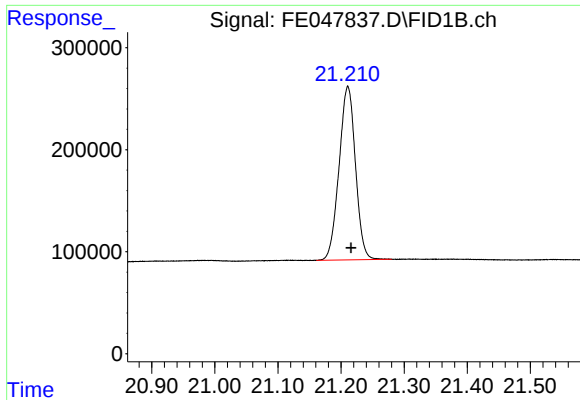
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.004 min
Response: 3024230
Conc: 18.86 ug/ml



#20 n-Hexatriacontane (C36)

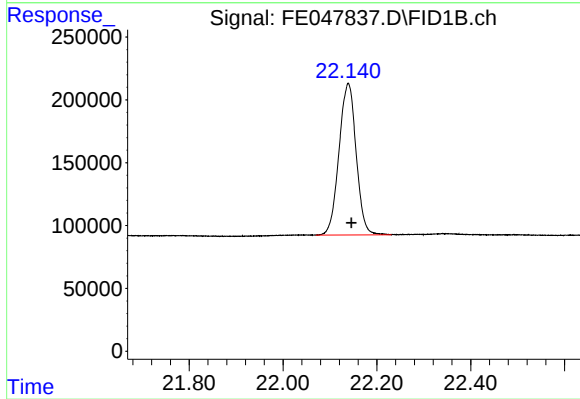
R.T.: 20.469 min
Delta R.T.: -0.005 min
Response: 3021572
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.005 min
Response: 3069382
Conc: 18.89 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.007 min
Response: 3059412
Conc: 18.69 ug/ml