

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060523AL\
 Data File : FE042413.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2023 07:43
 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 06 10:40:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.954	3319168	18.797 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	13.390	2443316	18.388 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
Target Compounds			
1) T n-Nonane (C9)	3.332	2783578	19.304 ug/ml
2) T n-Decane (C10)	4.583	2871255	19.396 ug/ml
3) T A~Naphthalene (C11.7)	6.293	3093047	18.957 ug/ml
4) T n-Dodecane (C12)	6.753	2895440	19.309 ug/ml
5) T A~2-methylnaphthalene...	7.390	2966123	18.690 ug/ml
6) T n-Tetradecane (C14)	8.582	2869278	19.153 ug/ml
7) T n-Hexadecane (C16)	10.190	2975469	19.102 ug/ml
8) T n-Octadecane (C18)	11.634	2996864	18.951 ug/ml
10) T n-Eicosane (C20)	12.944	2854474	18.831 ug/ml
11) T n-Heneicosane (C21)	13.556	2777864	18.750 ug/ml
13) T n-Docosane (C22)	14.143	2772414	18.912 ug/ml
14) T n-Tetracosane (C24)	15.246	2701163	18.712 ug/ml
15) T n-Hexacosane (C26)	16.268	2663441	19.231 ug/ml
16) T n-Octacosane (C28)	17.219	2678833	20.009 ug/ml
17) T n-Tricontane (C30)	18.107	2912512	21.576 ug/ml
18) T n-Dotriacontane (C32)	18.940	2956581	22.132 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2795855	21.260 ug/ml
20) T n-Hexatriacontane (C36)	20.465	2676170	20.590 ug/ml
21) T n-Octatriacontane (C38)	21.215	2684766	19.789 ug/ml
22) T n-Tetracontane (C40)	22.147	2645568	19.017 ug/ml

(f)=RT Delta > 1/2 Window

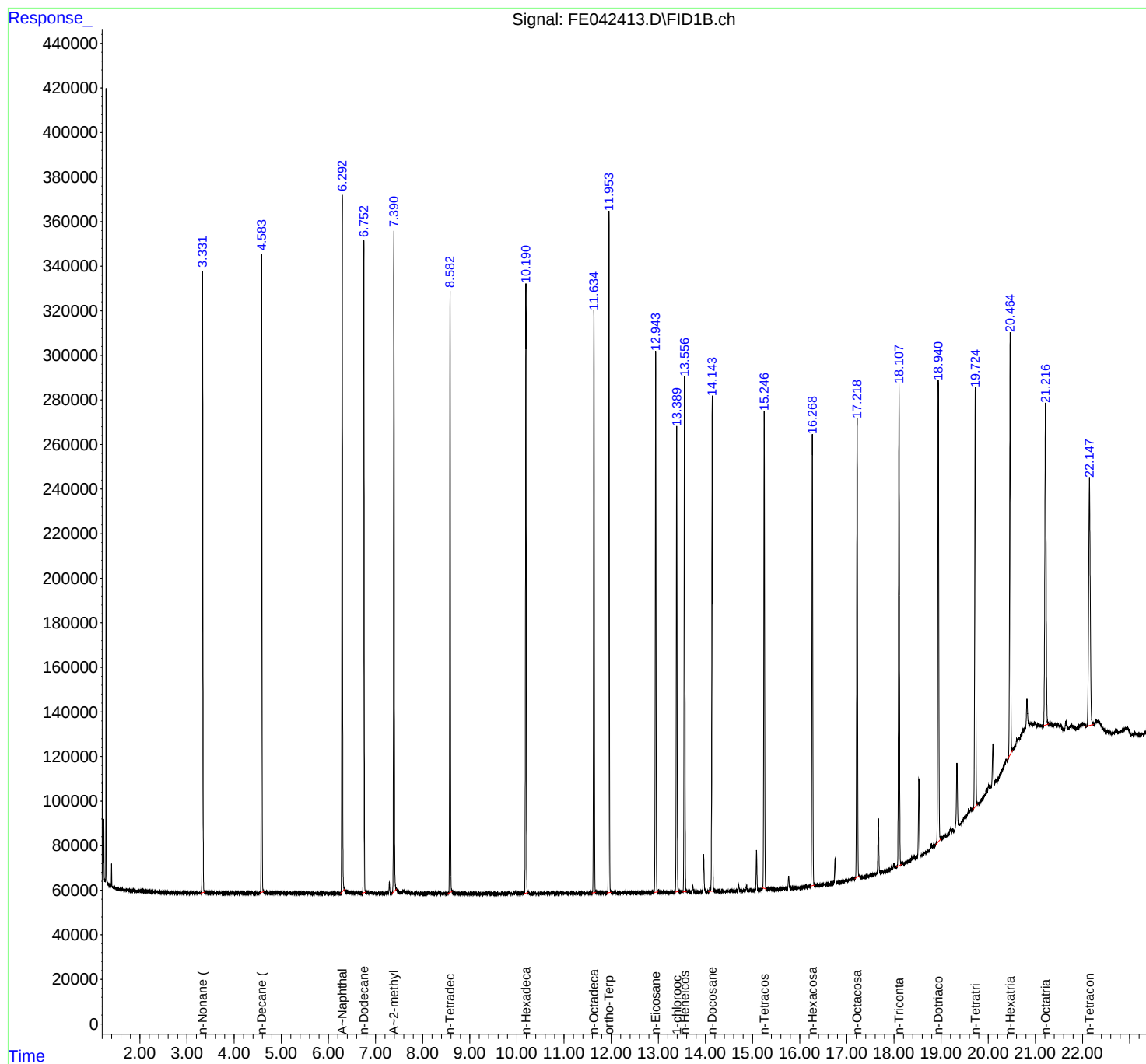
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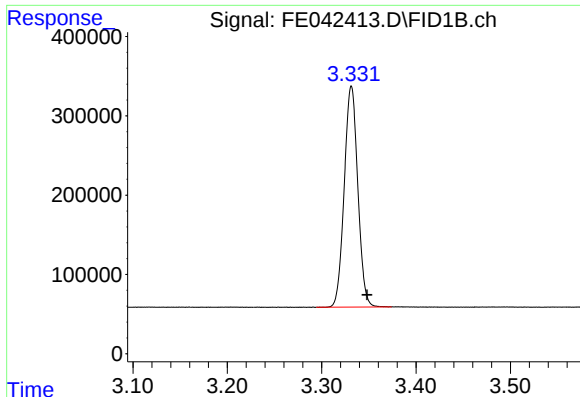
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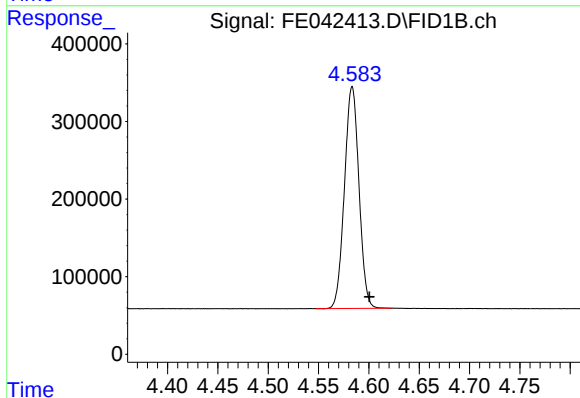




#1 n-Nonane (C9)

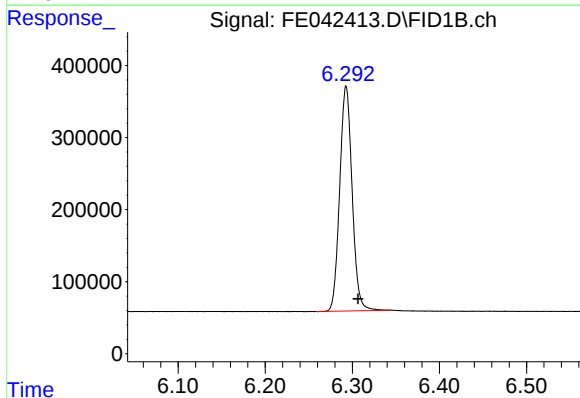
R.T.: 3.332 min
Delta R.T.: -0.016 min
Response: 2783578
Conc: 19.30 ug/ml

Instrument :
FID_E
ClientSampleId :



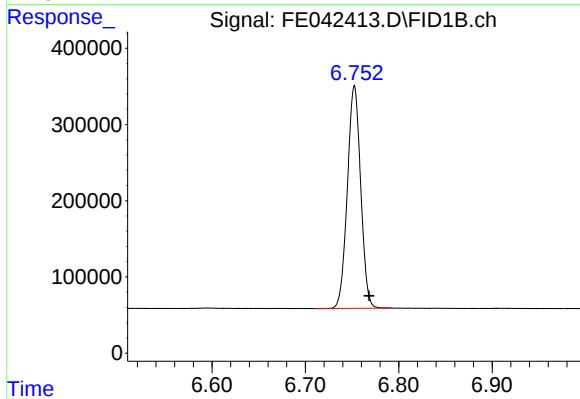
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.017 min
Response: 2871255
Conc: 19.40 ug/ml



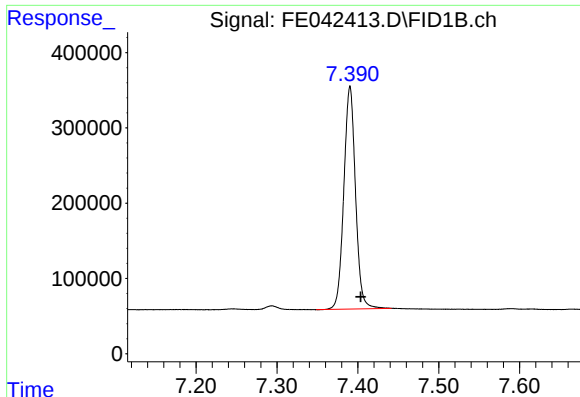
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.014 min
Response: 3093047
Conc: 18.96 ug/ml



#4 n-Dodecane (C12)

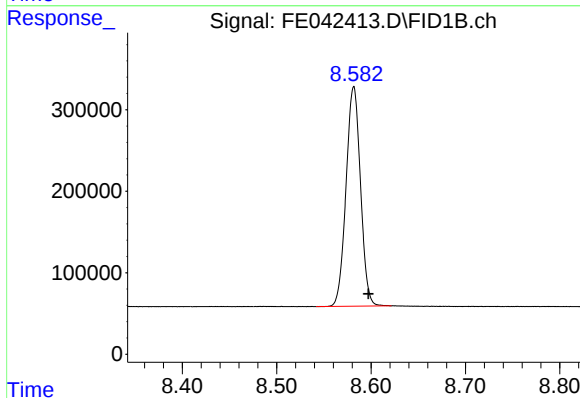
R.T.: 6.753 min
Delta R.T.: -0.016 min
Response: 2895440
Conc: 19.31 ug/ml



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

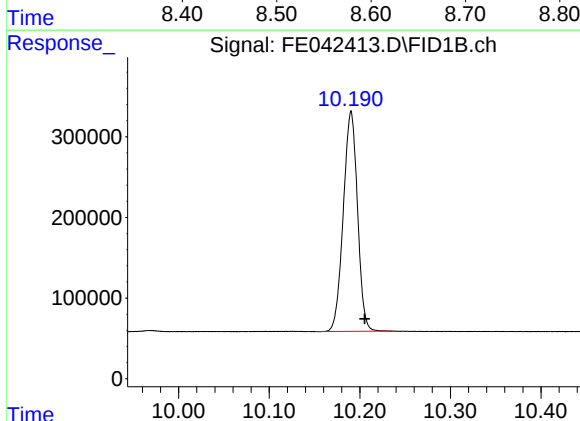
R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 2966123
Conc: 18.69 ug/ml

Instrument :
FID_E
ClientSampleId :



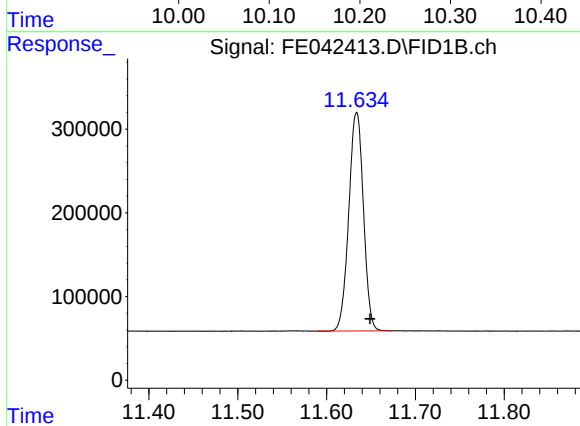
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.016 min
Response: 2869278
Conc: 19.15 ug/ml



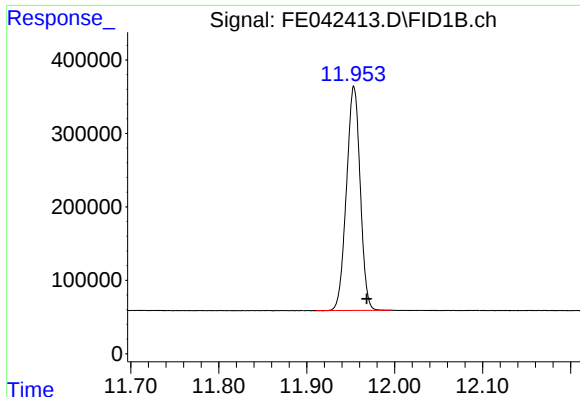
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.015 min
Response: 2975469
Conc: 19.10 ug/ml



#8 n-Octadecane (C18)

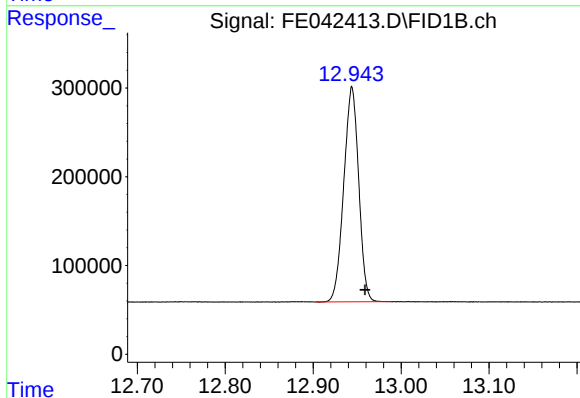
R.T.: 11.634 min
Delta R.T.: -0.015 min
Response: 2996864
Conc: 18.95 ug/ml



#9 ortho-Terphenyl (SURR)

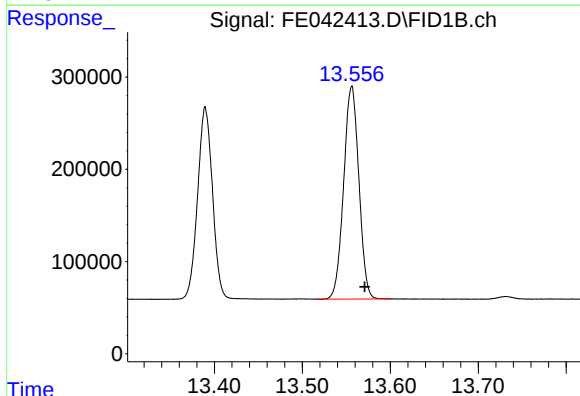
R.T.: 11.954 min
Delta R.T.: -0.014 min
Response: 3319168
Conc: 18.80 ug/ml

Instrument :
FID_E
ClientSampleId :



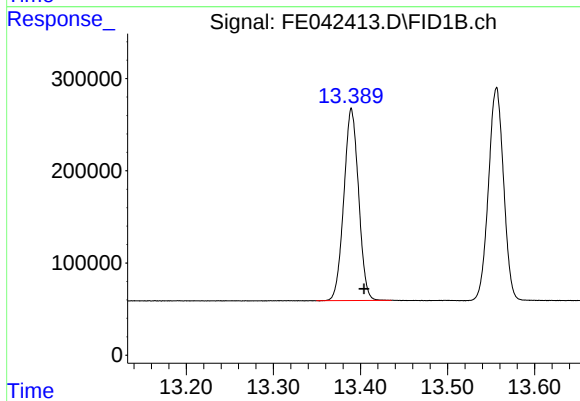
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.015 min
Response: 2854474
Conc: 18.83 ug/ml



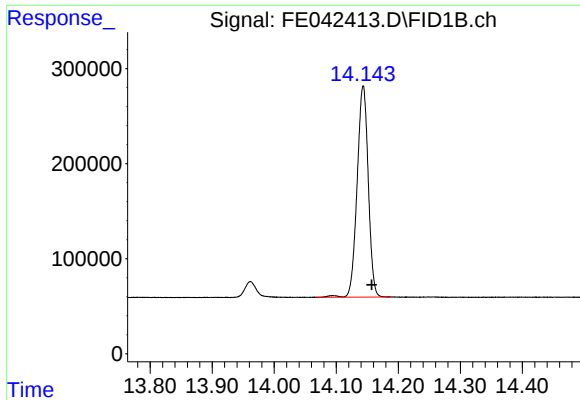
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.015 min
Response: 2777864
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

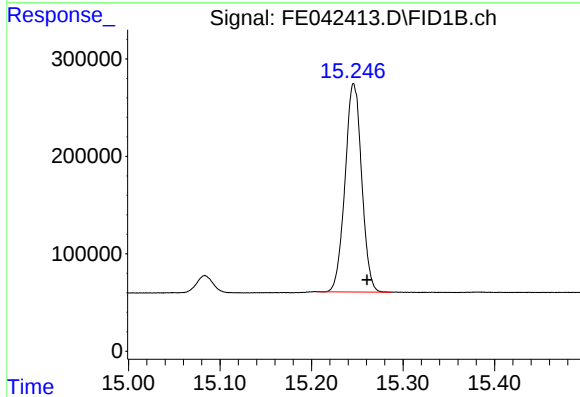
R.T.: 13.390 min
Delta R.T.: -0.014 min
Response: 2443316
Conc: 18.39 ug/ml



#13 n-Docosane (C22)

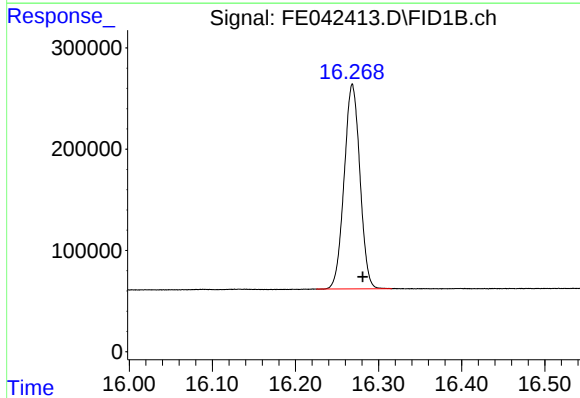
R.T.: 14.143 min
Delta R.T.: -0.014 min
Response: 2772414
Conc: 18.91 ug/ml

Instrument :
FID_E
ClientSampleId :



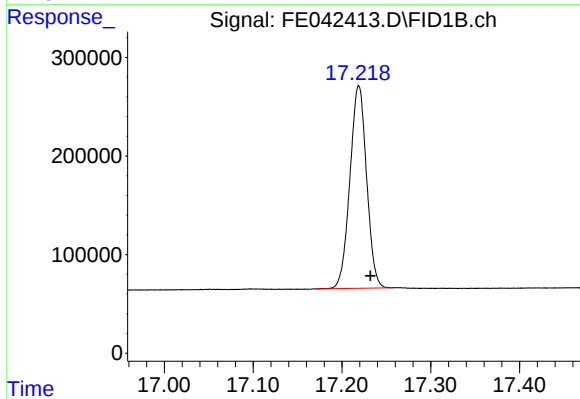
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.015 min
Response: 2701163
Conc: 18.71 ug/ml



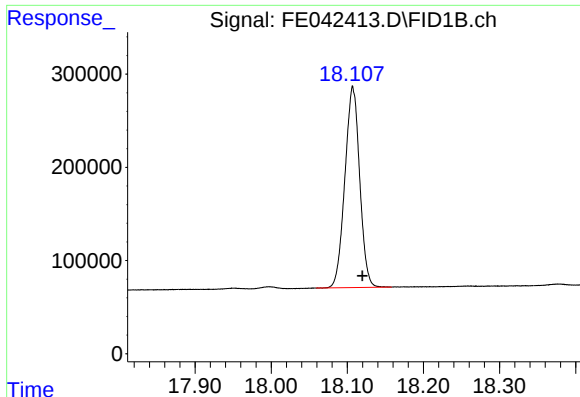
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.013 min
Response: 2663441
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

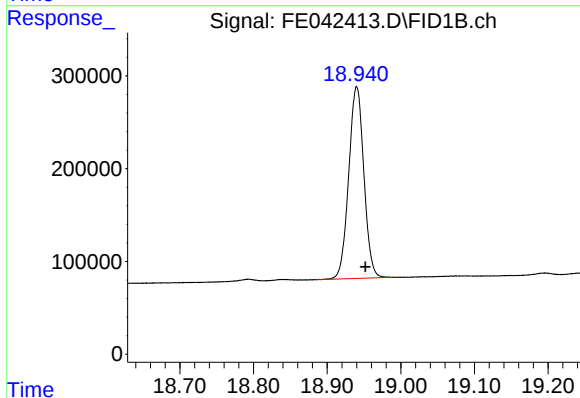
R.T.: 17.219 min
Delta R.T.: -0.013 min
Response: 2678833
Conc: 20.01 ug/ml



#17 n-Tricontane (C30)

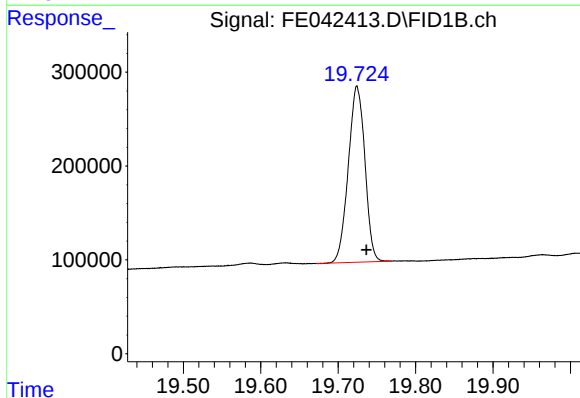
R.T.: 18.107 min
Delta R.T.: -0.013 min
Response: 2912512
Conc: 21.58 ug/ml

Instrument :
FID_E
ClientSampleId :



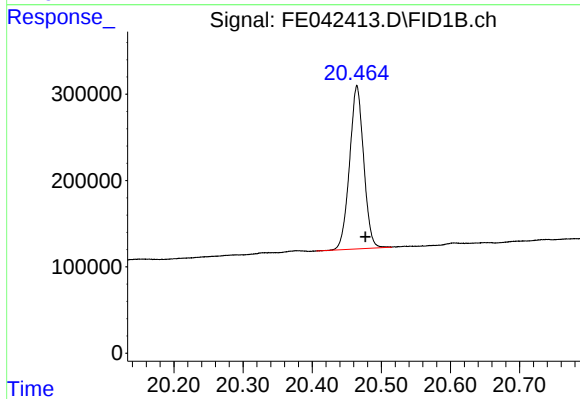
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.012 min
Response: 2956581
Conc: 22.13 ug/ml



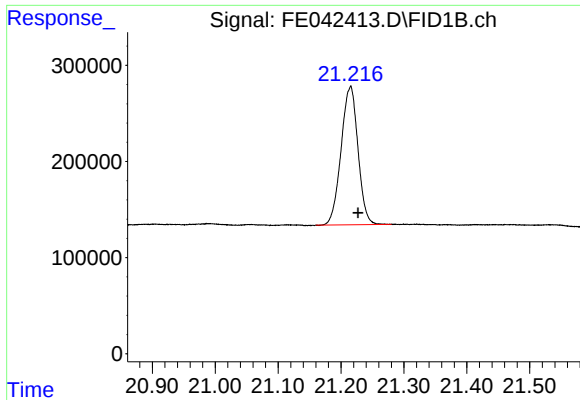
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.012 min
Response: 2795855
Conc: 21.26 ug/ml



#20 n-Hexatriacontane (C36)

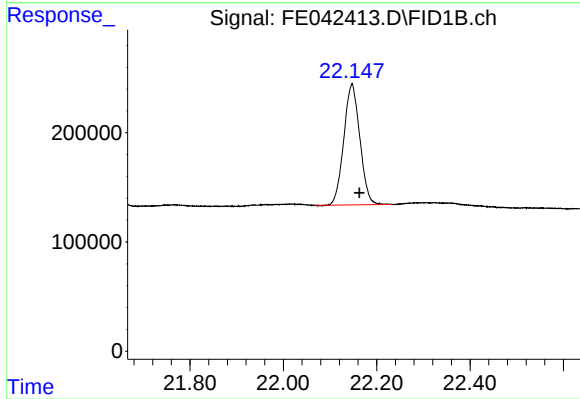
R.T.: 20.465 min
Delta R.T.: -0.012 min
Response: 2676170
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: -0.012 min
Response: 2684766
Conc: 19.79 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: -0.016 min
Response: 2645568
Conc: 19.02 ug/ml