

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052523AL\
 Data File : FE042230.D
 Signal(s) : FID1B.ch
 Acq On : 26 May 2023 00:58
 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: May 26 03:19:18 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)	11.960	3736464	21.160 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
12) S 1-chlorooctadecane (S...	13.396	2743154	20.644 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T n-Nonane (C9)	3.345	3041525	21.093 ug/ml
2) T n-Decane (C10)	4.596	3118902	21.068 ug/ml
3) T A~Naphthalene (C11.7)	6.302	3452191	21.158 ug/ml
4) T n-Dodecane (C12)	6.763	3171590	21.150 ug/ml
5) T A~2-methylnaphthalene...	7.398	3332870	21.001 ug/ml
6) T n-Tetradecane (C14)	8.591	3155538	21.064 ug/ml
7) T n-Hexadecane (C16)	10.198	3276616	21.035 ug/ml
8) T n-Octadecane (C18)	11.641	3315594	20.967 ug/ml
10) T n-Eicosane (C20)	12.950	3171804	20.925 ug/ml
11) T n-Heneicosane (C21)	13.562	3093482	20.880 ug/ml
13) T n-Docosane (C22)	14.148	3049752	20.804 ug/ml
14) T n-Tetracosane (C24)	15.251	3000718	20.787 ug/ml
15) T n-Hexacosane (C26)	16.272	2912994	21.033 ug/ml
16) T n-Octacosane (C28)	17.221	2850443	21.290 ug/ml
17) T n-Tricontane (C30)	18.108	2949198	21.847 ug/ml
18) T n-Dotriacontane (C32)	18.940	2903655	21.735 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2730825	20.765 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2578827	19.841 ug/ml
21) T n-Octatriacontane (C38)	21.211	2611537	19.249 ug/ml
22) T n-Tetracontane (C40)	22.146	2540953	18.265 ug/ml

(f)=RT Delta > 1/2 Window

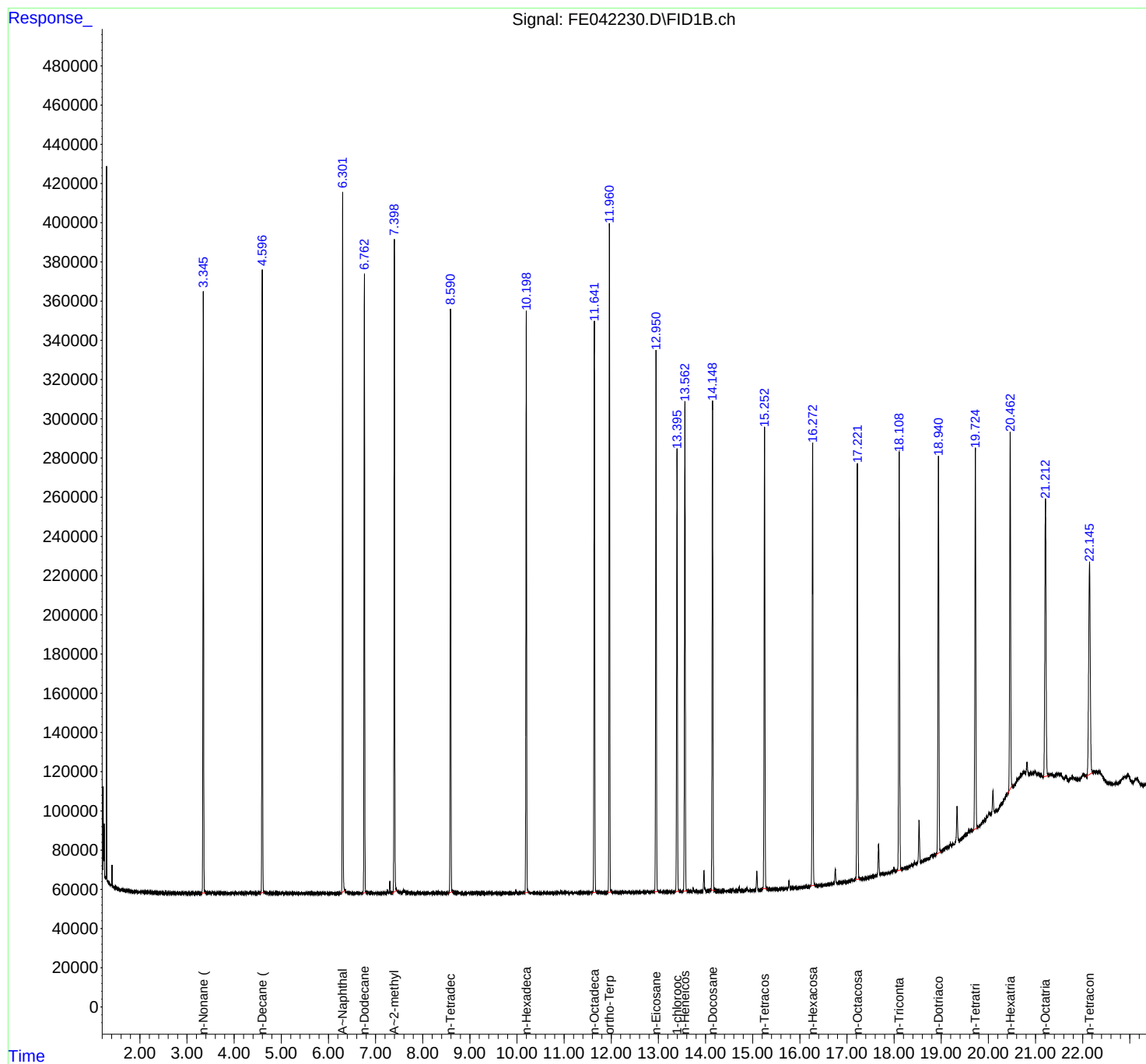
(m)=manual int.

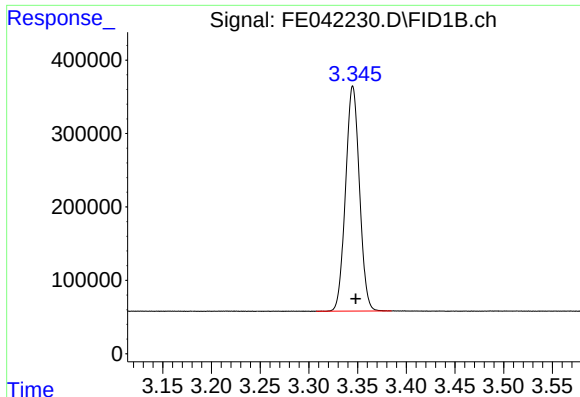
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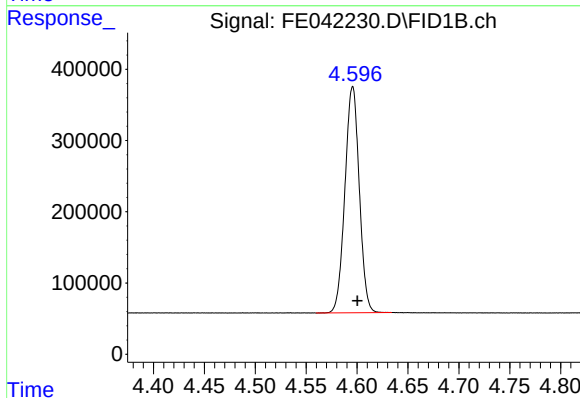




#1 n-Nonane (C9)

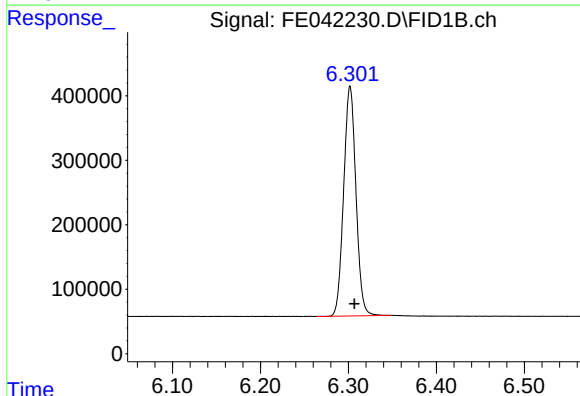
R.T.: 3.345 min
Delta R.T.: -0.003 min
Response: 3041525
Conc: 21.09 ug/ml

Instrument :
FID_E
ClientSampleId :



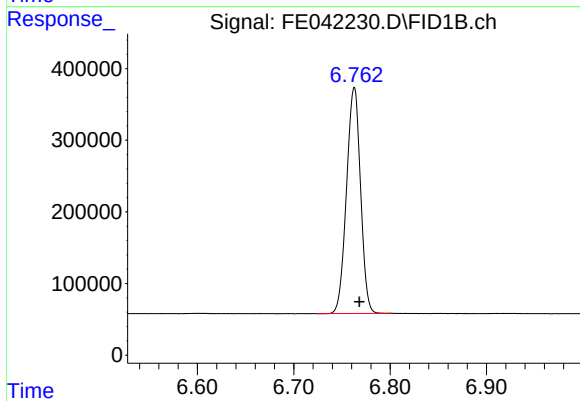
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.005 min
Response: 3118902
Conc: 21.07 ug/ml



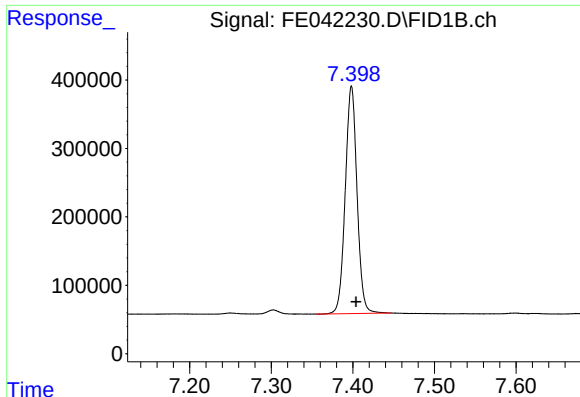
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.005 min
Response: 3452191
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

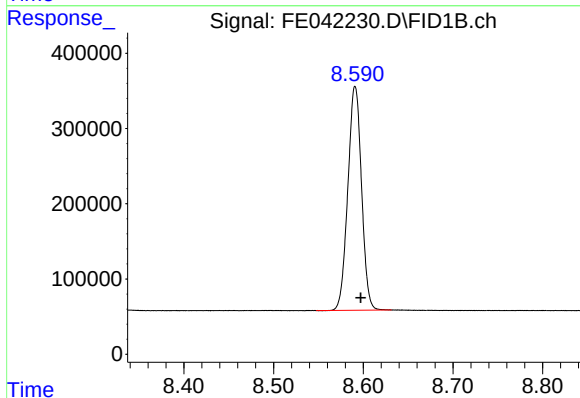
R.T.: 6.763 min
Delta R.T.: -0.005 min
Response: 3171590
Conc: 21.15 ug/ml



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

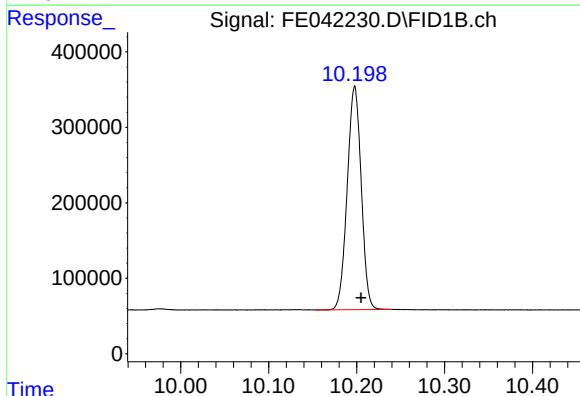
R.T.: 7.398 min
Delta R.T.: -0.005 min
Response: 3332870
Conc: 21.00 ug/ml

Instrument :
FID_E
ClientSampleId :



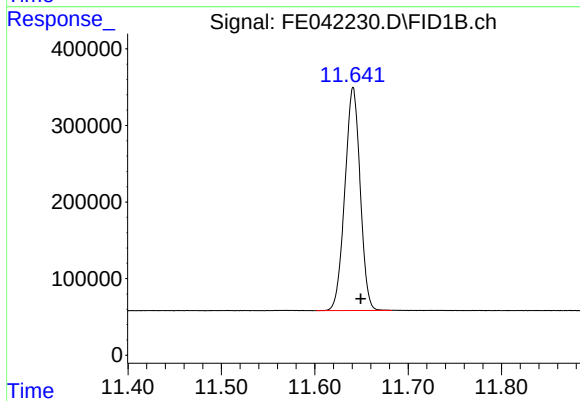
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.006 min
Response: 3155538
Conc: 21.06 ug/ml



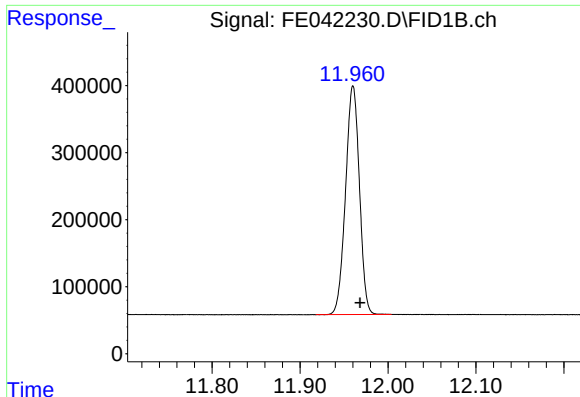
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.007 min
Response: 3276616
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

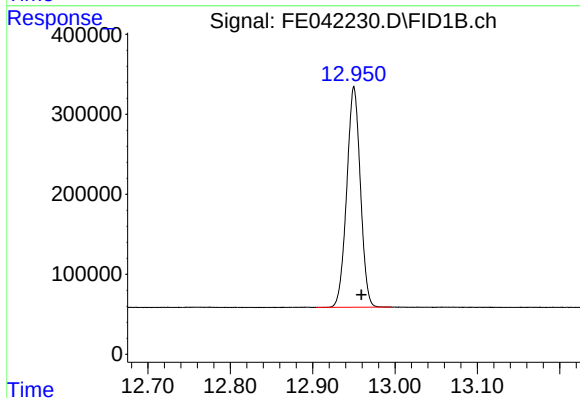
R.T.: 11.641 min
Delta R.T.: -0.008 min
Response: 3315594
Conc: 20.97 ug/ml



#9 ortho-Terphenyl (SURR)

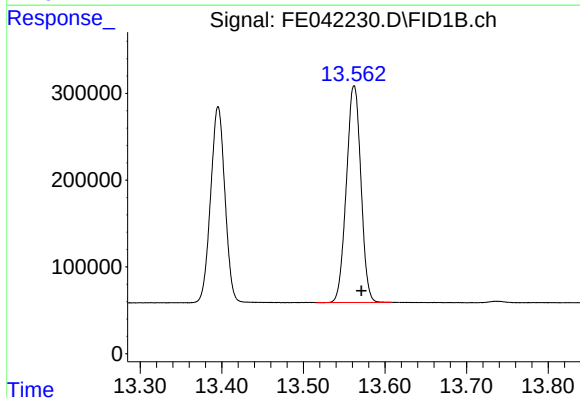
R.T.: 11.960 min
Delta R.T.: -0.008 min
Response: 3736464
Conc: 21.16 ug/ml

Instrument :
FID_E
ClientSampleId :



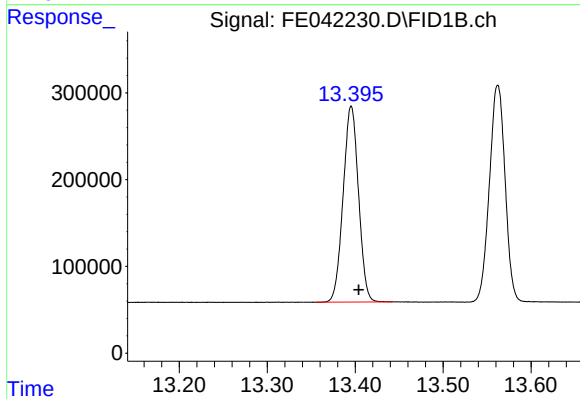
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.009 min
Response: 3171804
Conc: 20.92 ug/ml



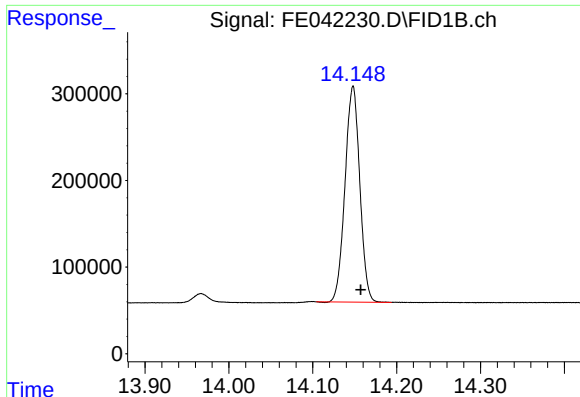
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.009 min
Response: 3093482
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

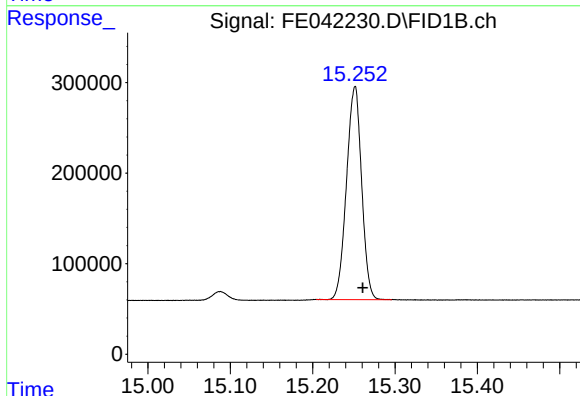
R.T.: 13.396 min
Delta R.T.: -0.009 min
Response: 2743154
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

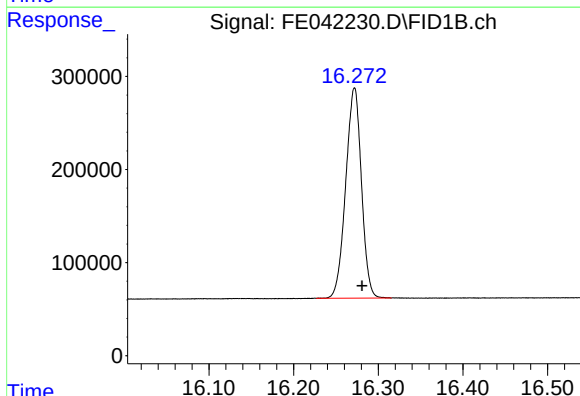
R.T.: 14.148 min
Delta R.T.: -0.009 min
Response: 3049752
Conc: 20.80 ug/ml

Instrument :
FID_E
ClientSampleId :



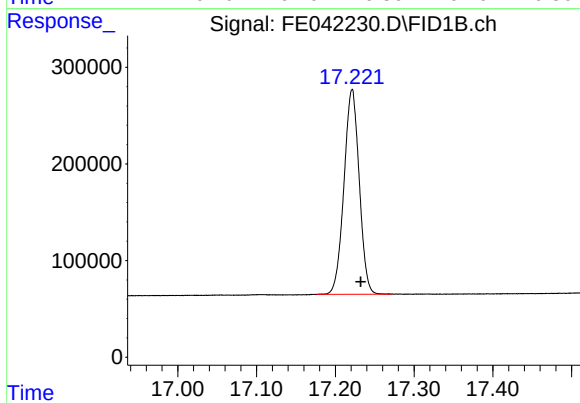
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.009 min
Response: 3000718
Conc: 20.79 ug/ml



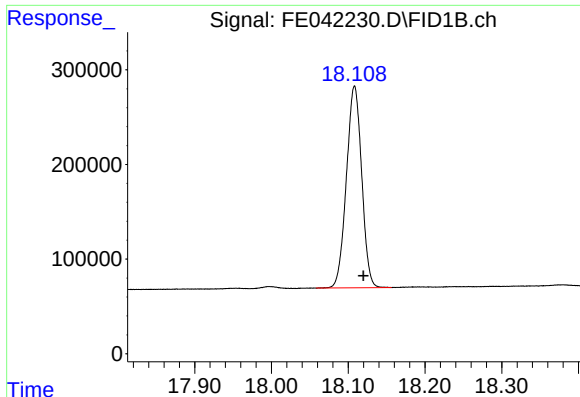
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.009 min
Response: 2912994
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

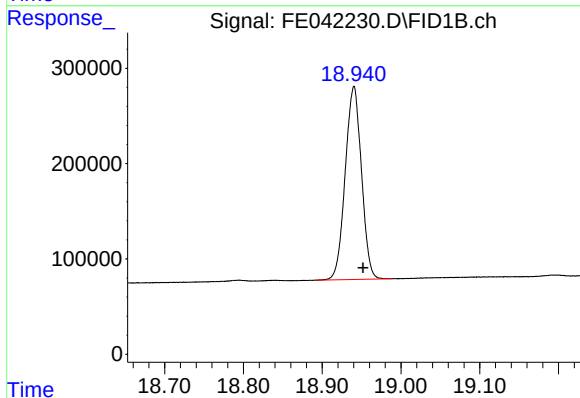
R.T.: 17.221 min
Delta R.T.: -0.011 min
Response: 2850443
Conc: 21.29 ug/ml



#17 n-Tricontane (C30)

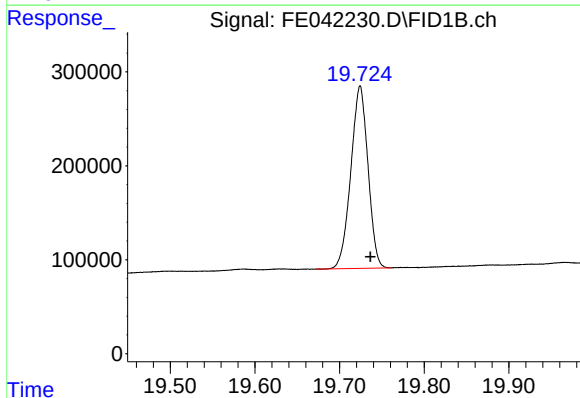
R.T.: 18.108 min
Delta R.T.: -0.012 min
Response: 2949198
Conc: 21.85 ug/ml

Instrument :
FID_E
ClientSampleId :



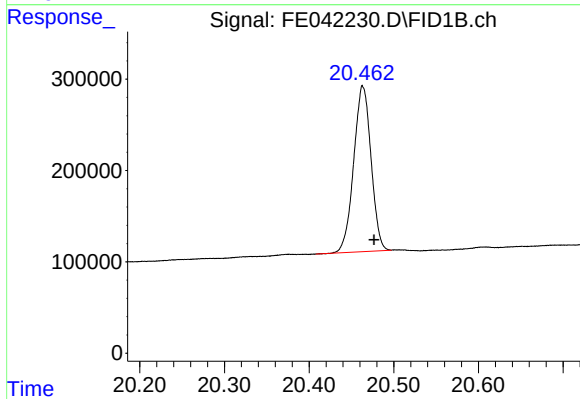
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.012 min
Response: 2903655
Conc: 21.74 ug/ml



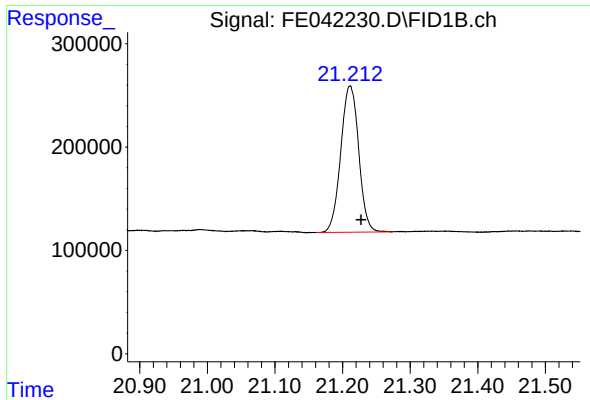
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.012 min
Response: 2730825
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

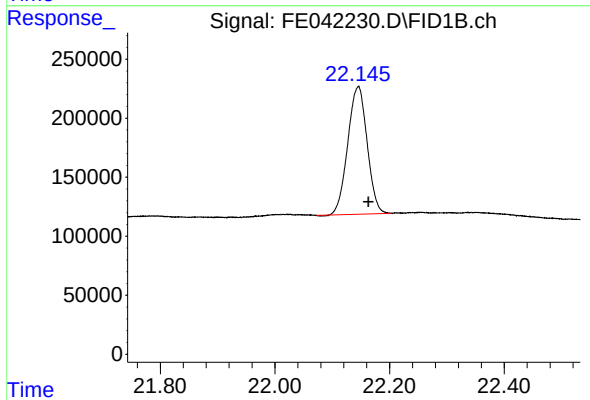
R.T.: 20.463 min
Delta R.T.: -0.013 min
Response: 2578827
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.016 min
Response: 2611537
Conc: 19.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: -0.017 min
Response: 2540953
Conc: 18.26 ug/ml