

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120624AL\
 Data File : FE051566.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2024 11:54
 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: Dec 07 04:08:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 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)	11.826	2966486	19.630 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.259	2251531	20.148 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.218	2698264	19.253 ug/ml
2) T n-Decane (C10)	4.465	2746009	19.364 ug/ml
3) T A~Naphthalene (C11.7)	6.180	2545415	19.255 ug/ml
4) T n-Dodecane (C12)	6.632	2783863	19.558 ug/ml
5) T A~2-methylnaphthalene...	7.276	2345999	19.556 ug/ml
6) T n-Tetradecane (C14)	8.459	2737930	19.641 ug/ml
7) T n-Hexadecane (C16)	10.064	2790546	19.640 ug/ml
8) T n-Octadecane (C18)	11.505	2812767	19.573 ug/ml
10) T n-Eicosane (C20)	12.812	2706140	19.604 ug/ml
11) T n-Heneicosane (C21)	13.424	2656273	19.596 ug/ml
13) T n-Docosane (C22)	14.009	2628946	19.633 ug/ml
14) T n-Tetracosane (C24)	15.111	2594688	19.637 ug/ml
15) T n-Hexacosane (C26)	16.130	2564696	19.778 ug/ml
16) T n-Octacosane (C28)	17.078	2555134	20.041 ug/ml
17) T n-Tricontane (C30)	17.963	2641949	20.404 ug/ml
18) T n-Dotriacontane (C32)	18.797	2580746	20.615 ug/ml
19) T n-Tetratriacontane (C34)	19.580	2293056	20.303 ug/ml
20) T n-Hexatriacontane (C36)	20.318	2048931	21.275 ug/ml
21) T n-Octatriacontane (C38)	21.038	1899612	20.864 ug/ml
22) T n-Tetracontane (C40)	21.910	1970485	22.485 ug/ml

(f)=RT Delta > 1/2 Window

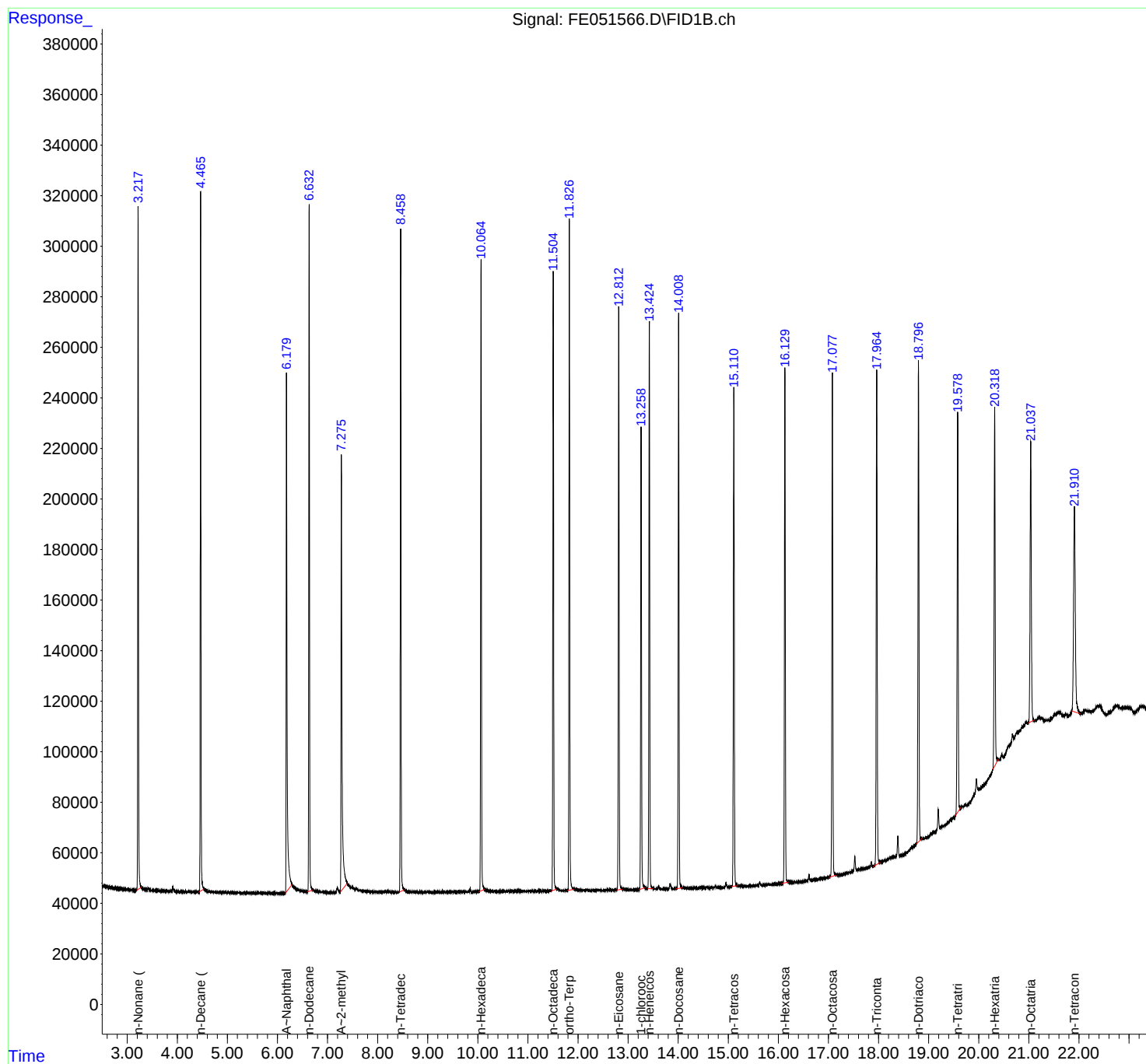
(m)=manual int.

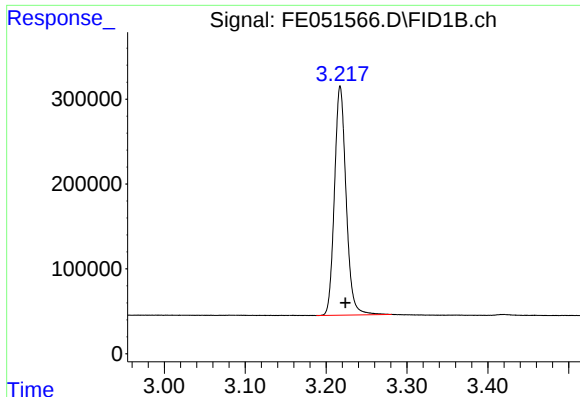
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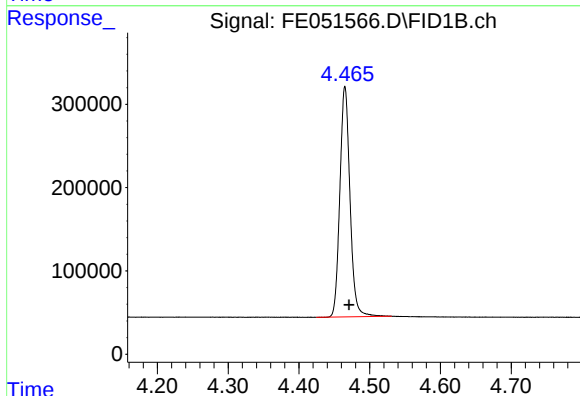




#1 n-Nonane (C9)

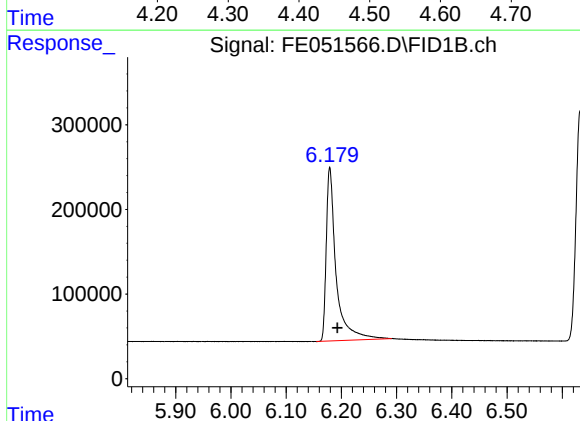
R.T.: 3.218 min
Delta R.T.: -0.006 min
Response: 2698264
Conc: 19.25 ug/ml

Instrument :
FID_E
ClientSampleId :



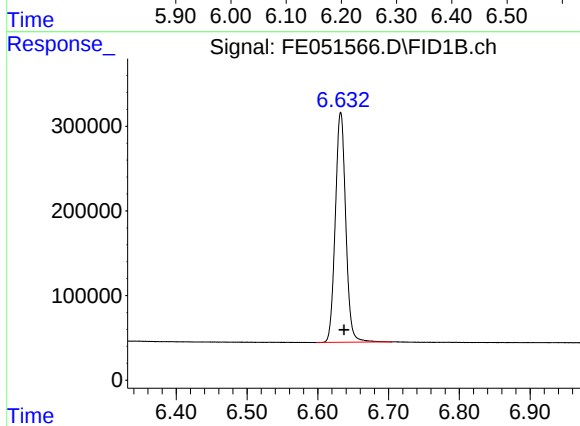
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.006 min
Response: 2746009
Conc: 19.36 ug/ml



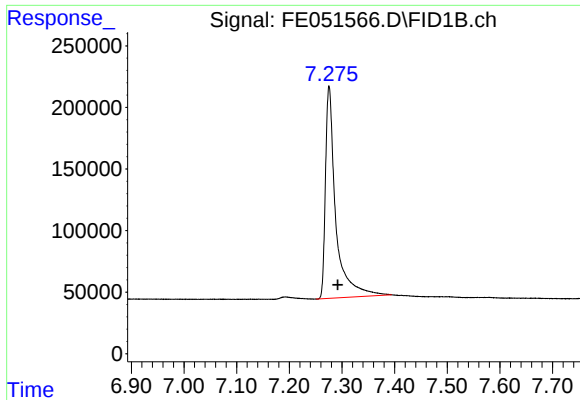
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 2545415
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

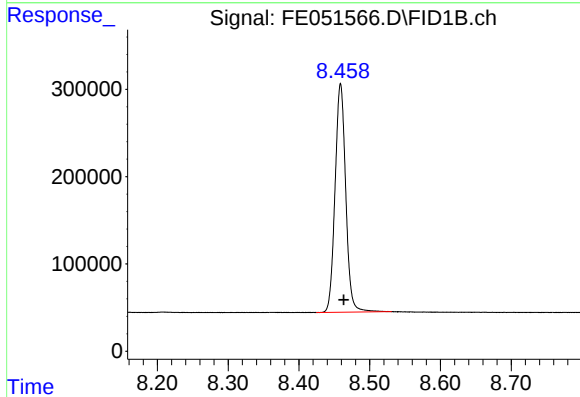
R.T.: 6.632 min
Delta R.T.: -0.005 min
Response: 2783863
Conc: 19.56 ug/ml



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

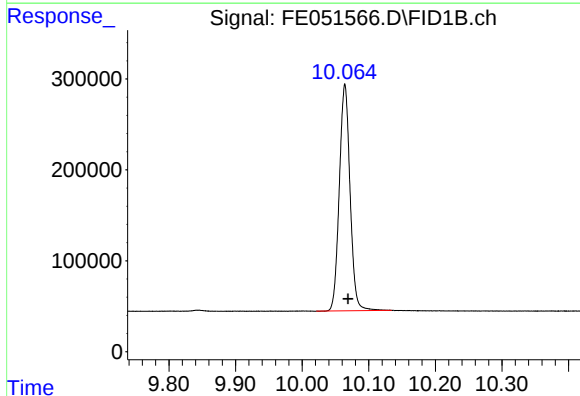
R.T.: 7.276 min
Delta R.T.: -0.016 min
Response: 2345999
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :



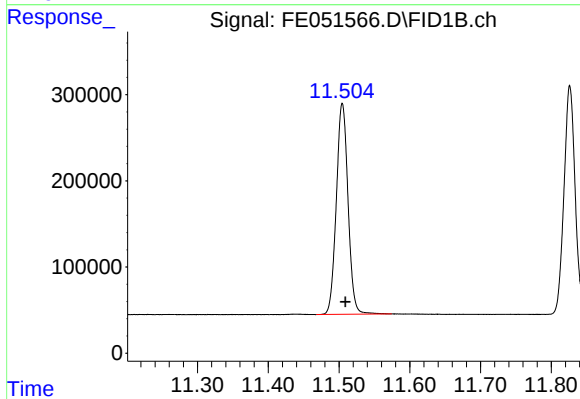
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.004 min
Response: 2737930
Conc: 19.64 ug/ml



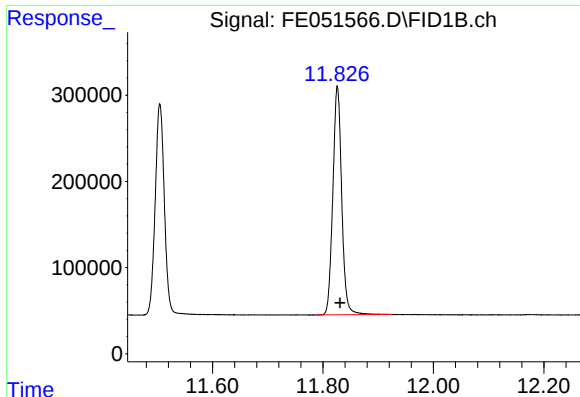
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.005 min
Response: 2790546
Conc: 19.64 ug/ml



#8 n-Octadecane (C18)

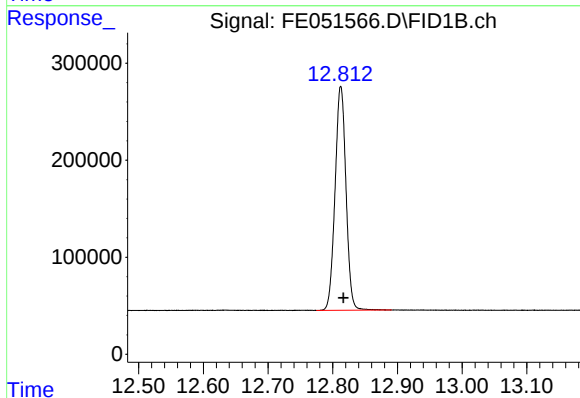
R.T.: 11.505 min
Delta R.T.: -0.004 min
Response: 2812767
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

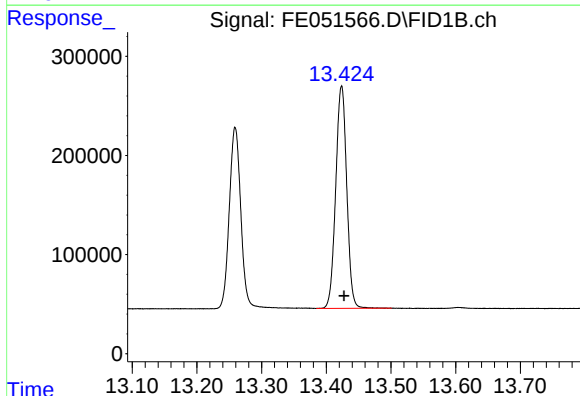
R.T.: 11.826 min
Delta R.T.: -0.005 min
Response: 2966486
Conc: 19.63 ug/ml

Instrument :
FID_E
ClientSampleId :



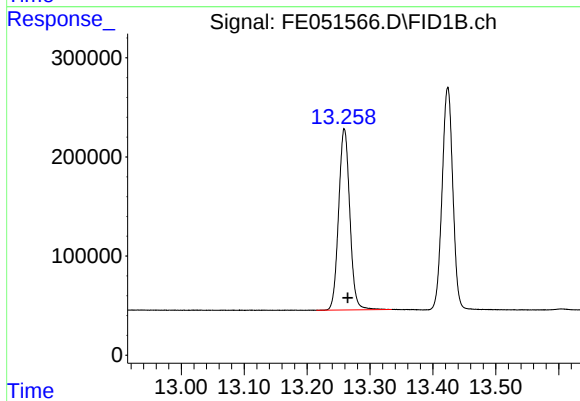
#10 n-Eicosane (C20)

R.T.: 12.812 min
Delta R.T.: -0.004 min
Response: 2706140
Conc: 19.60 ug/ml



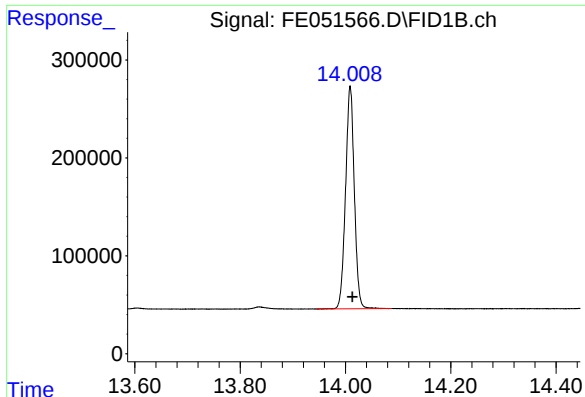
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.004 min
Response: 2656273
Conc: 19.60 ug/ml



#12 1-chlorooctadecane (SURR)

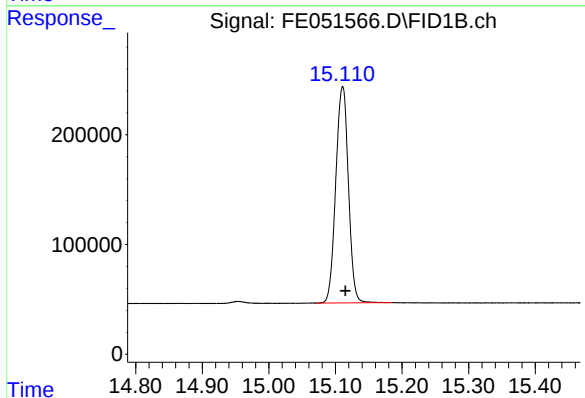
R.T.: 13.259 min
Delta R.T.: -0.005 min
Response: 2251531
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

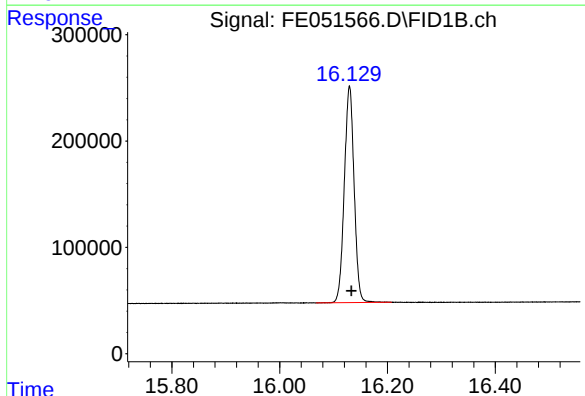
R.T.: 14.009 min
Delta R.T.: -0.004 min
Response: 2628946
Conc: 19.63 ug/ml

Instrument :
FID_E
ClientSampleId :



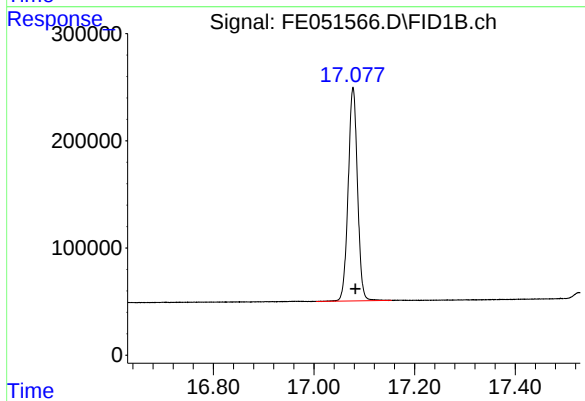
#14 n-Tetracosane (C24)

R.T.: 15.111 min
Delta R.T.: -0.004 min
Response: 2594688
Conc: 19.64 ug/ml



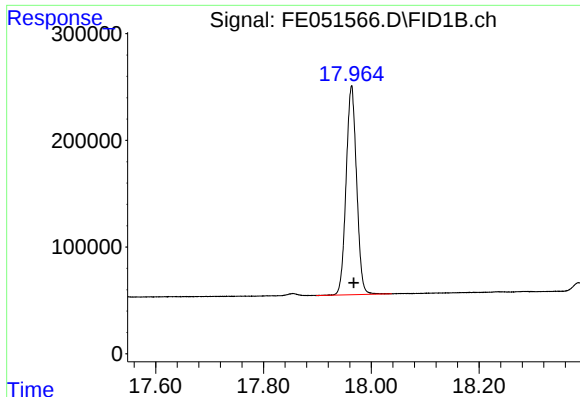
#15 n-Hexacosane (C26)

R.T.: 16.130 min
Delta R.T.: -0.004 min
Response: 2564696
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

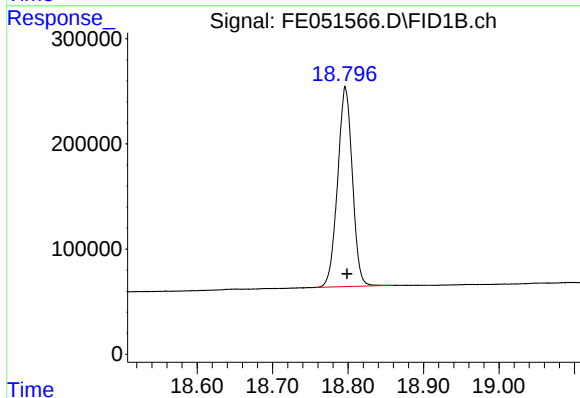
R.T.: 17.078 min
Delta R.T.: -0.004 min
Response: 2555134
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

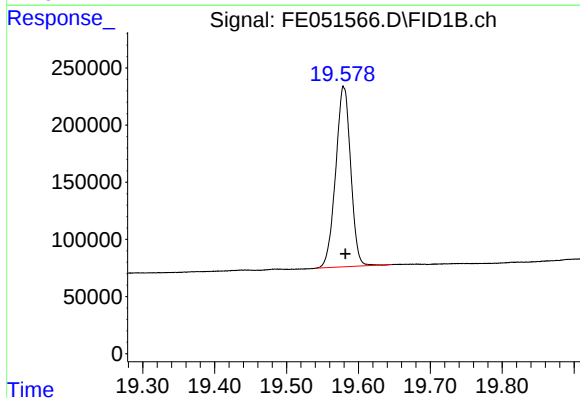
R.T.: 17.963 min
Delta R.T.: -0.004 min
Response: 2641949
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :



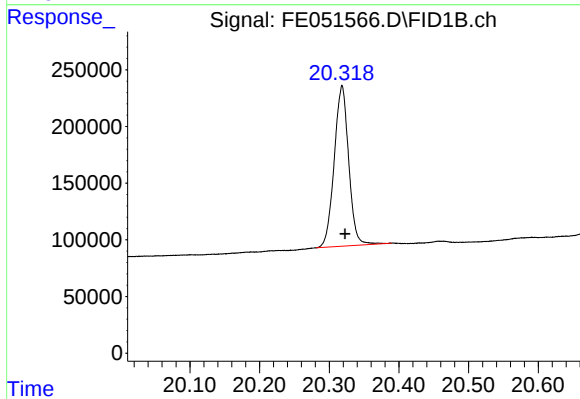
#18 n-Dotriacontane (C32)

R.T.: 18.797 min
Delta R.T.: -0.002 min
Response: 2580746
Conc: 20.61 ug/ml



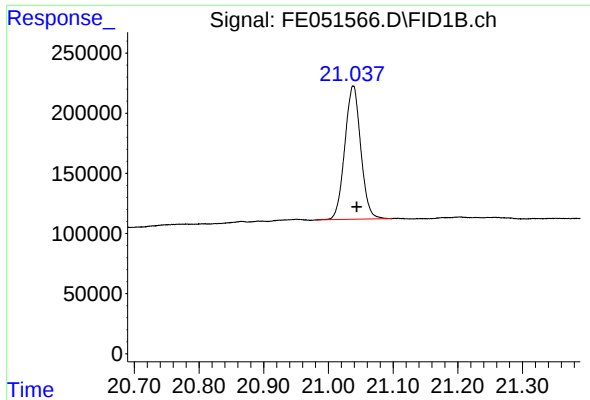
#19 n-Tetratriacontane (C34)

R.T.: 19.580 min
Delta R.T.: -0.002 min
Response: 2293056
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

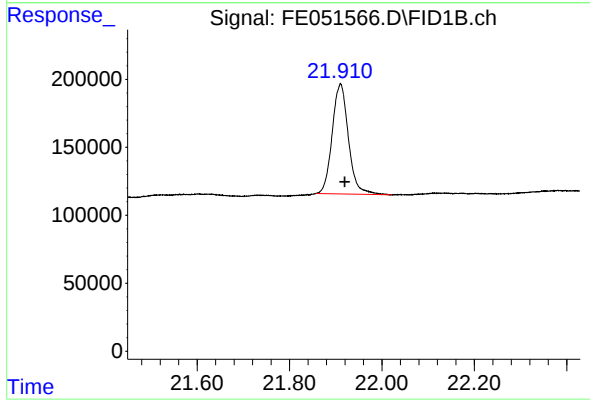
R.T.: 20.318 min
Delta R.T.: -0.005 min
Response: 2048931
Conc: 21.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: -0.005 min
Response: 1899612
Conc: 20.86 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: -0.009 min
Response: 1970485
Conc: 22.48 ug/ml