

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091924AL\
 Data File : FE050216.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2024 16:36
 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: Sep 20 01:37:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.870	2828120	19.009 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.304	2143247	19.080 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T n-Nonane (C9)	3.259	2346629	17.312 ug/ml
2) T n-Decane (C10)	4.510	2564807	18.584 ug/ml
3) T A~Naphthalene (C11.7)	6.219	2621206	18.727 ug/ml
4) T n-Dodecane (C12)	6.677	2575663	18.626 ug/ml
5) T A~2-methylnaphthalene...	7.315	2472486	18.811 ug/ml
6) T n-Tetradecane (C14)	8.504	2562581	18.819 ug/ml
7) T n-Hexadecane (C16)	10.110	2642065	19.021 ug/ml
8) T n-Octadecane (C18)	11.551	2676376	19.103 ug/ml
10) T n-Eicosane (C20)	12.859	2548525	18.998 ug/ml
11) T n-Heneicosane (C21)	13.470	2512672	19.123 ug/ml
13) T n-Docosane (C22)	14.056	2494085	19.153 ug/ml
14) T n-Tetracosane (C24)	15.157	2507679	19.203 ug/ml
15) T n-Hexacosane (C26)	16.177	2460884	19.235 ug/ml
16) T n-Octacosane (C28)	17.126	2553139	19.821 ug/ml
17) T n-Tricontane (C30)	18.013	2752481	20.584 ug/ml
18) T n-Dotriacontane (C32)	18.844	2817501	21.143 ug/ml
19) T n-Tetratriacontane (C34)	19.627	2593570	20.990 ug/ml
20) T n-Hexatriacontane (C36)	20.367	2288858	20.630 ug/ml
21) T n-Octatriacontane (C38)	21.092	2172576	19.701 ug/ml
22) T n-Tetracontane (C40)	21.983	2028996	18.646 ug/ml

(f)=RT Delta > 1/2 Window

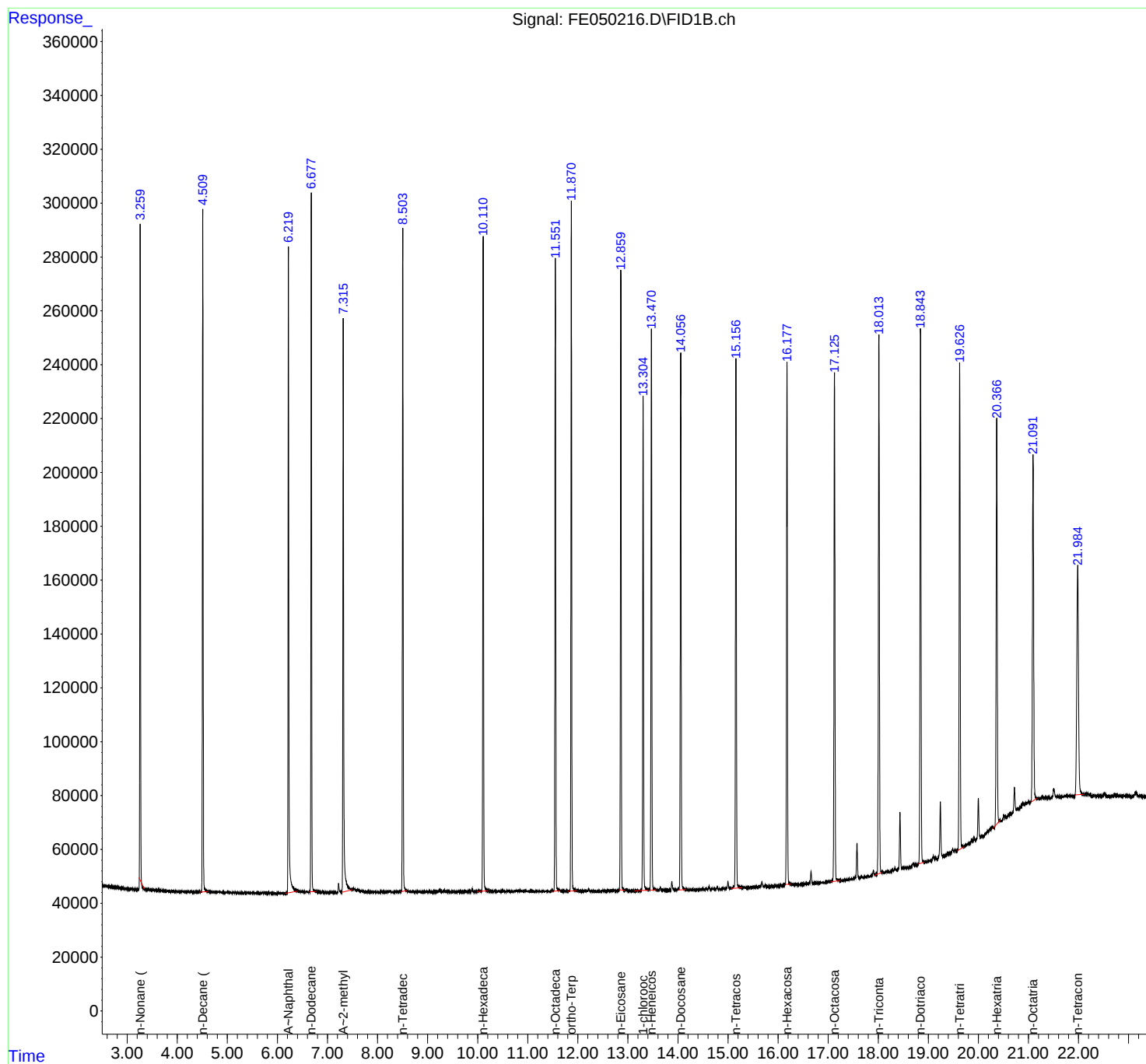
(m)=manual int.

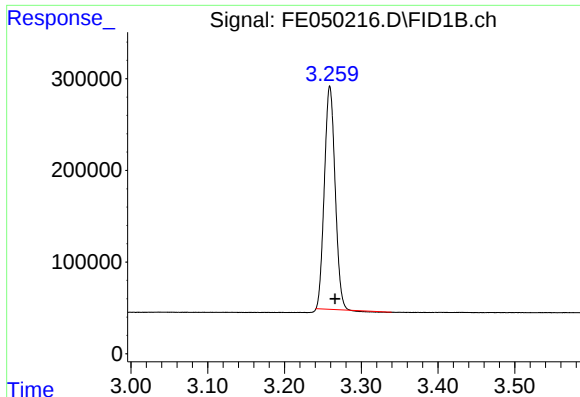
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Signal Phase : Rxi-1ms
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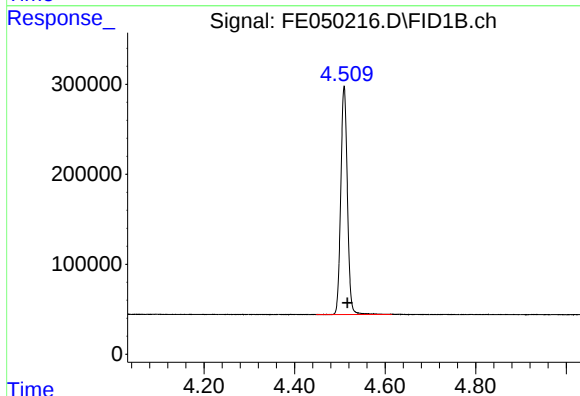




#1 n-Nonane (C9)

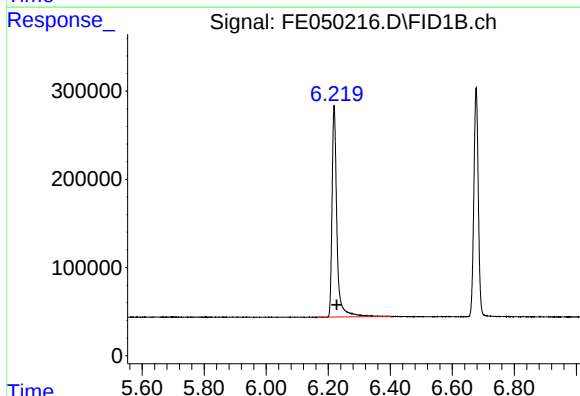
R.T.: 3.259 min
Delta R.T.: -0.007 min
Response: 2346629
Conc: 17.31 ug/ml

Instrument :
FID_E
ClientSampleId :



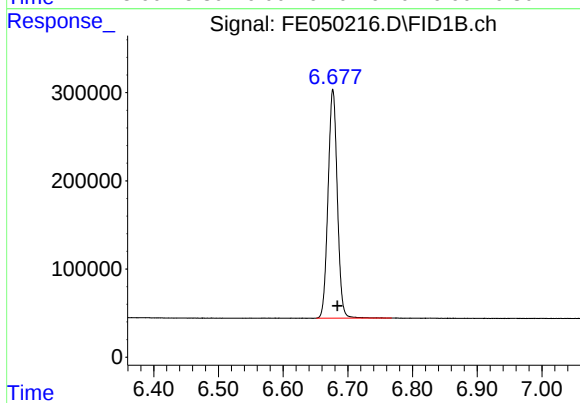
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 2564807
Conc: 18.58 ug/ml



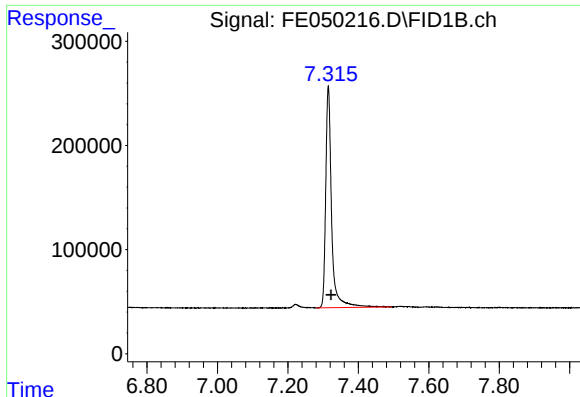
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: -0.008 min
Response: 2621206
Conc: 18.73 ug/ml



#4 n-Dodecane (C12)

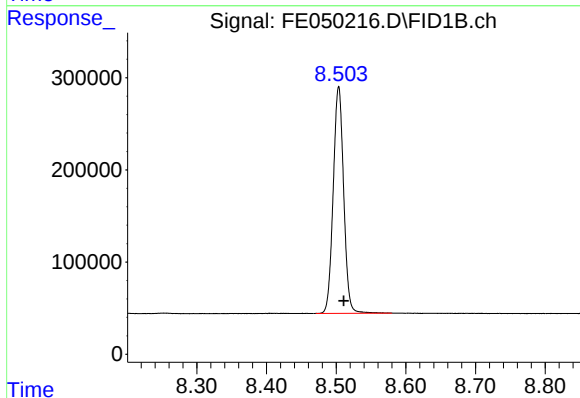
R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 2575663
Conc: 18.63 ug/ml



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

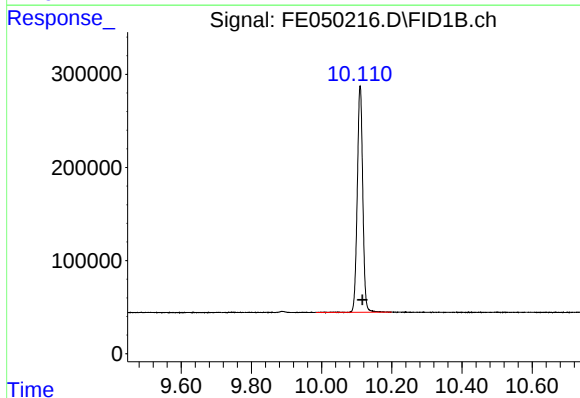
R.T.: 7.315 min
Delta R.T.: -0.008 min
Response: 2472486
Conc: 18.81 ug/ml

Instrument :
FID_E
ClientSampleId :



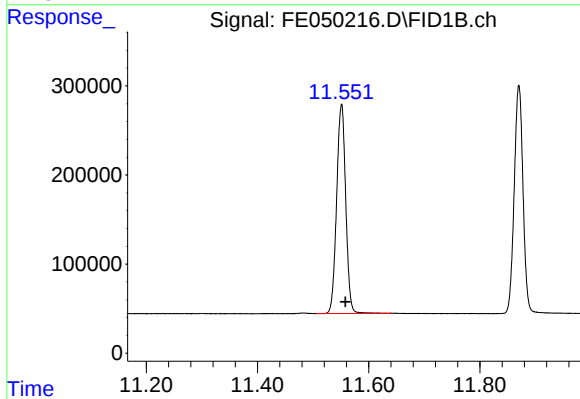
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 2562581
Conc: 18.82 ug/ml



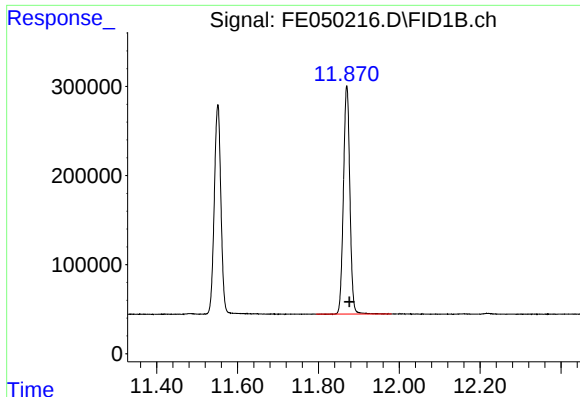
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.007 min
Response: 2642065
Conc: 19.02 ug/ml



#8 n-Octadecane (C18)

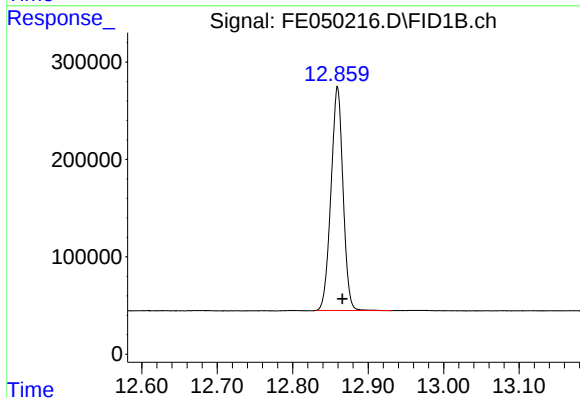
R.T.: 11.551 min
Delta R.T.: -0.008 min
Response: 2676376
Conc: 19.10 ug/ml



#9 ortho-Terphenyl (SURR)

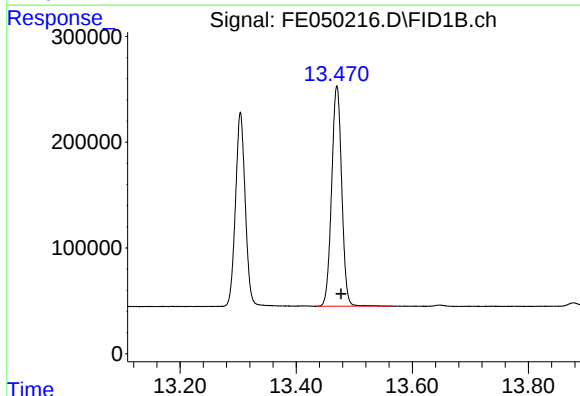
R.T.: 11.870 min
Delta R.T.: -0.006 min
Response: 2828120
Conc: 19.01 ug/ml

Instrument :
FID_E
ClientSampleId :



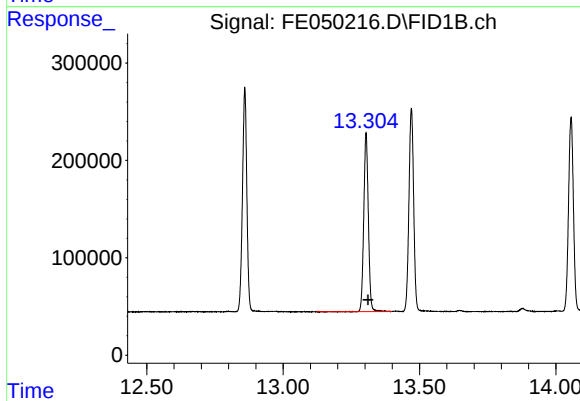
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: -0.007 min
Response: 2548525
Conc: 19.00 ug/ml



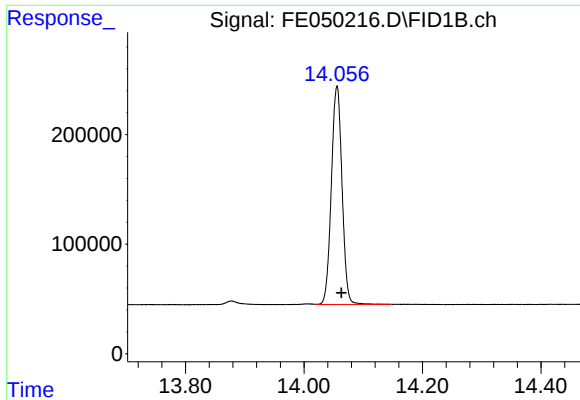
#11 n-Heneicosane (C21)

R.T.: 13.470 min
Delta R.T.: -0.007 min
Response: 2512672
Conc: 19.12 ug/ml



#12 1-chlorooctadecane (SURR)

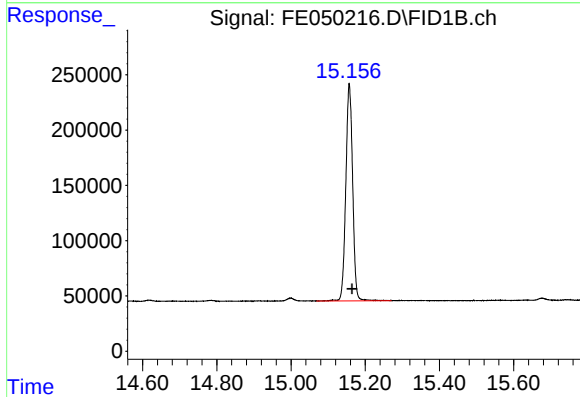
R.T.: 13.304 min
Delta R.T.: -0.007 min
Response: 2143247
Conc: 19.08 ug/ml



#13 n-Docosane (C22)

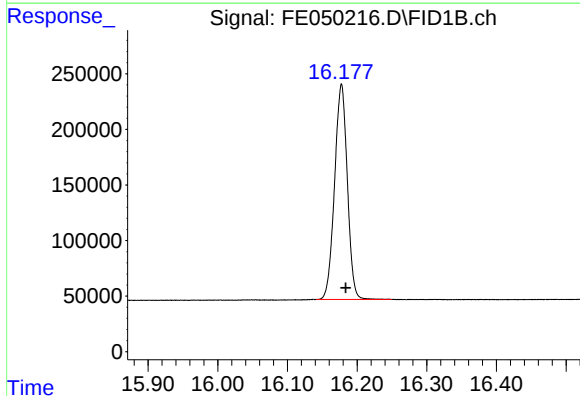
R.T.: 14.056 min
Delta R.T.: -0.007 min
Response: 2494085
Conc: 19.15 ug/ml

Instrument :
FID_E
ClientSampleId :



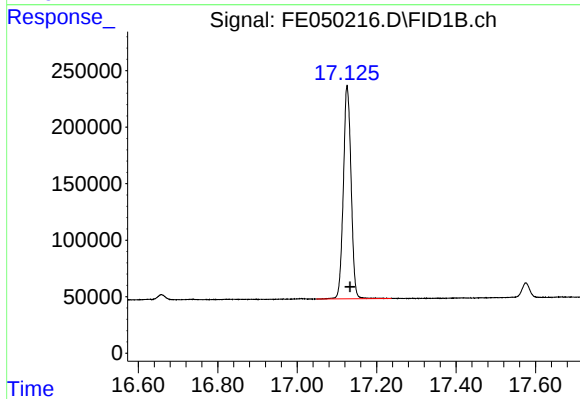
#14 n-Tetracosane (C24)

R.T.: 15.157 min
Delta R.T.: -0.007 min
Response: 2507679
Conc: 19.20 ug/ml



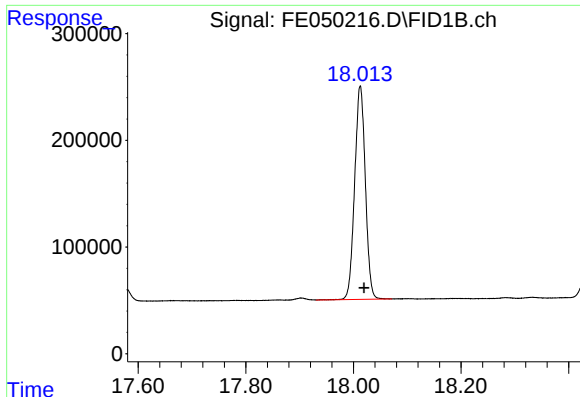
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: -0.006 min
Response: 2460884
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

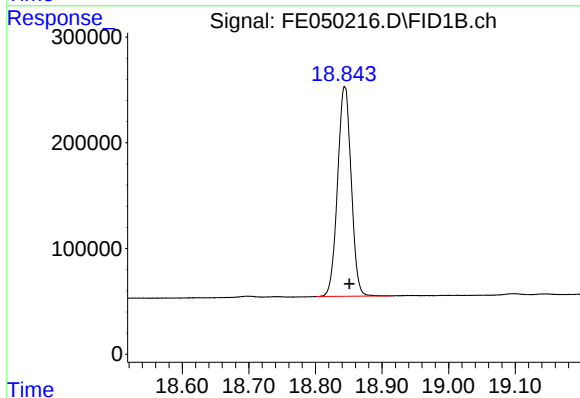
R.T.: 17.126 min
Delta R.T.: -0.007 min
Response: 2553139
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

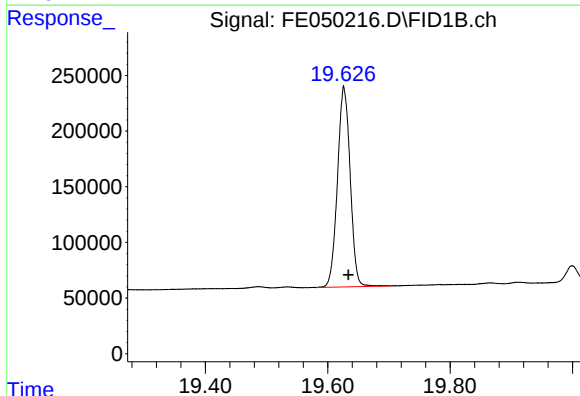
R.T.: 18.013 min
Delta R.T.: -0.007 min
Response: 2752481
Conc: 20.58 ug/ml

Instrument :
FID_E
ClientSampleId :



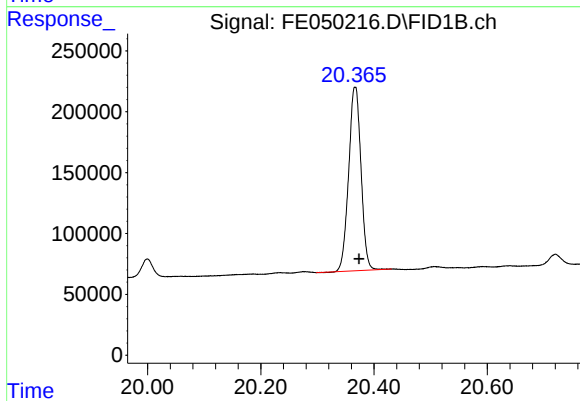
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.007 min
Response: 2817501
Conc: 21.14 ug/ml



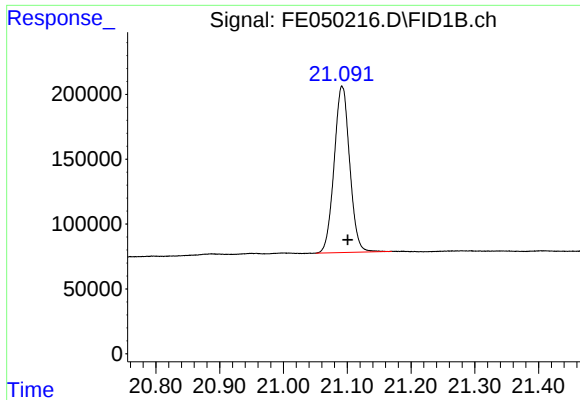
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.007 min
Response: 2593570
Conc: 20.99 ug/ml



#20 n-Hexatriacontane (C36)

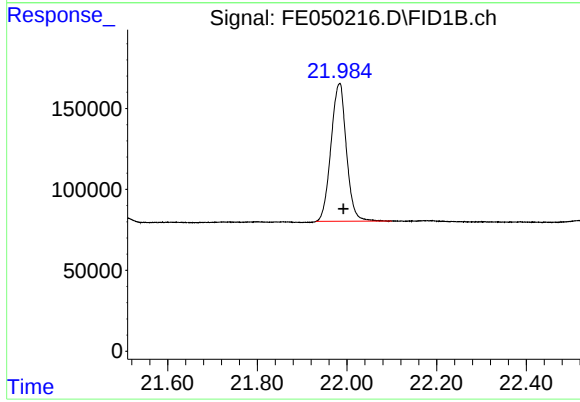
R.T.: 20.367 min
Delta R.T.: -0.007 min
Response: 2288858
Conc: 20.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.009 min
Response: 2172576
Conc: 19.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.009 min
Response: 2028996
Conc: 18.65 ug/ml