

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081524AL\
 Data File : FE049609.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2024 08:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 16 01:36:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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

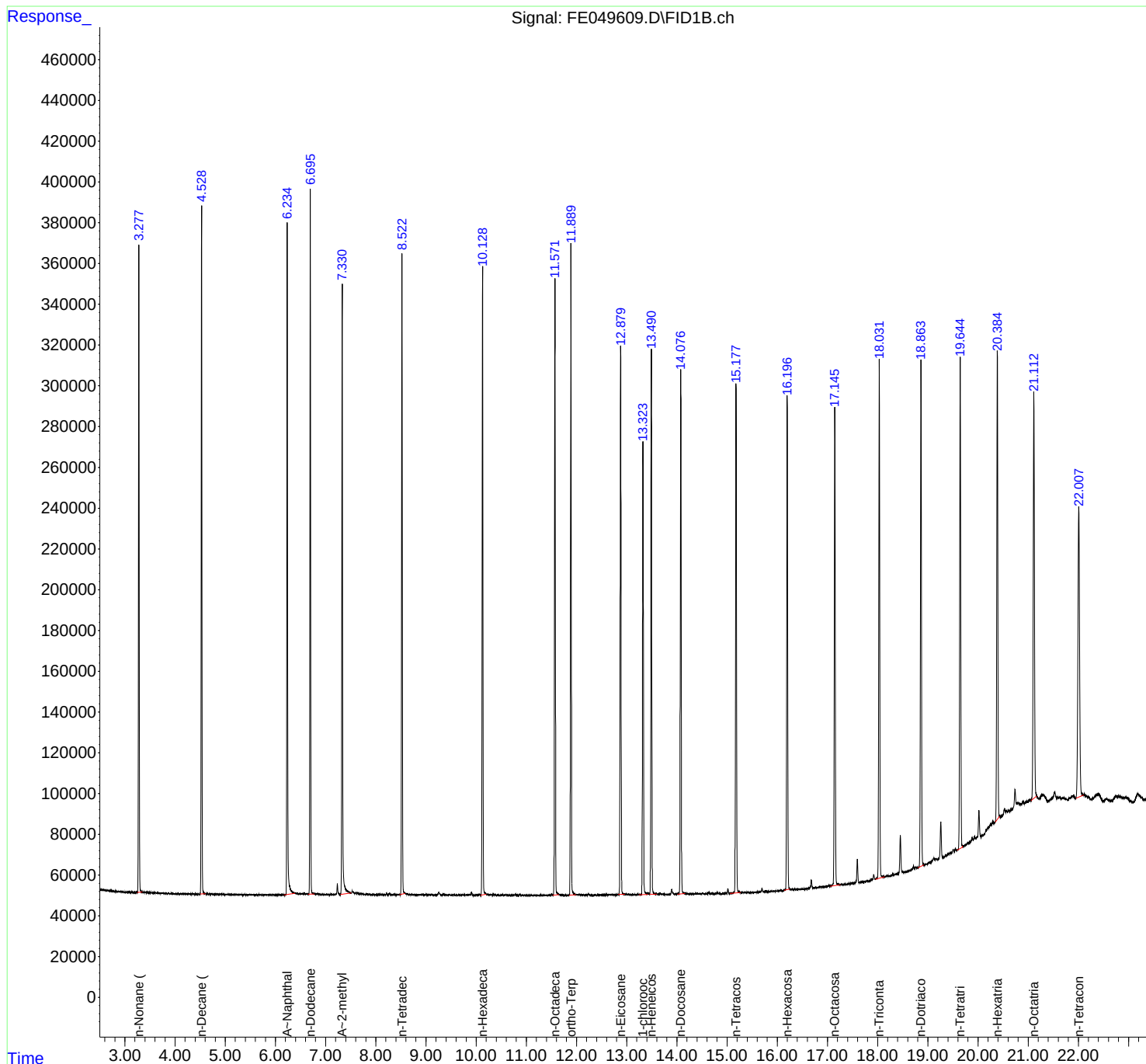
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.889	3469472	21.455 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
12) S 1-chlorooctadecane (S...	13.324	2639508	21.634 ug/ml
Spiked Amount 50.000		Recovery =	43.27%
Target Compounds			
1) T n-Nonane (C9)	3.278	3150321	20.357 ug/ml
2) T n-Decane (C10)	4.528	3317976	21.014 ug/ml
3) T A~Naphthalene (C11.7)	6.235	3391446	21.137 ug/ml
4) T n-Dodecane (C12)	6.695	3346746	21.289 ug/ml
5) T A~2-methylnaphthalene...	7.331	3228928	21.562 ug/ml
6) T n-Tetradecane (C14)	8.522	3268936	21.175 ug/ml
7) T n-Hexadecane (C16)	10.128	3346571	21.428 ug/ml
8) T n-Octadecane (C18)	11.571	3366289	21.434 ug/ml
10) T n-Eicosane (C20)	12.879	3202689	21.450 ug/ml
11) T n-Heneicosane (C21)	13.490	3157281	21.522 ug/ml
13) T n-Docosane (C22)	14.076	3128194	21.462 ug/ml
14) T n-Tetracosane (C24)	15.177	3127671	21.501 ug/ml
15) T n-Hexacosane (C26)	16.197	3091639	21.421 ug/ml
16) T n-Octacosane (C28)	17.146	3156560	21.915 ug/ml
17) T n-Tricontane (C30)	18.032	3363804	22.470 ug/ml
18) T n-Dotriacontane (C32)	18.863	3427043	22.653 ug/ml
19) T n-Tetratriacontane (C34)	19.645	3416064	22.345 ug/ml
20) T n-Hexatriacontane (C36)	20.385	3362021	22.140 ug/ml
21) T n-Octatriacontane (C38)	21.113	3380113	21.536 ug/ml
22) T n-Tetracontane (C40)	22.008	3265668	21.389 ug/ml

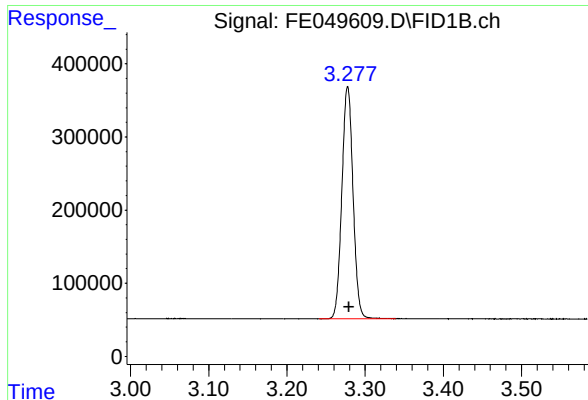
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

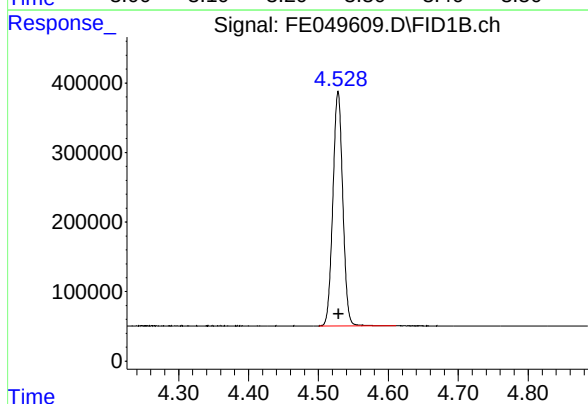




#1 n-Nonane (C9)

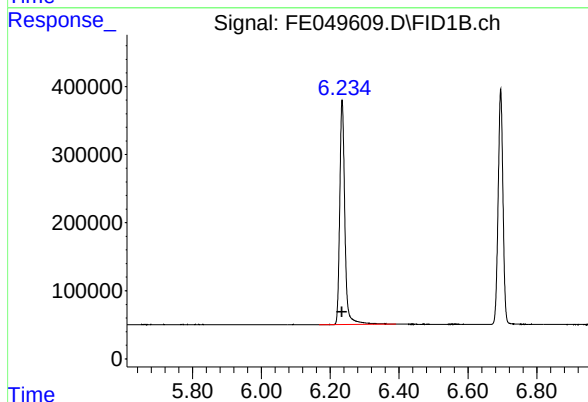
R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 3150321
Conc: 20.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



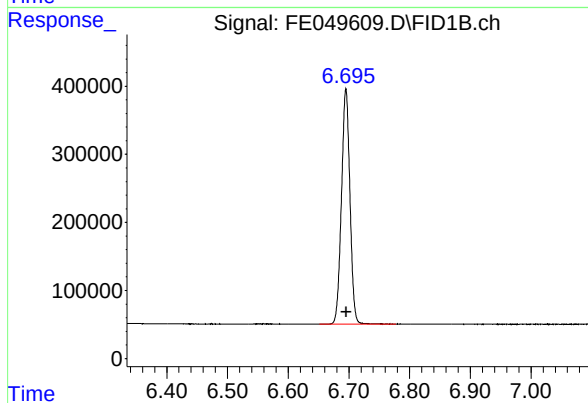
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 3317976
Conc: 21.01 ug/ml



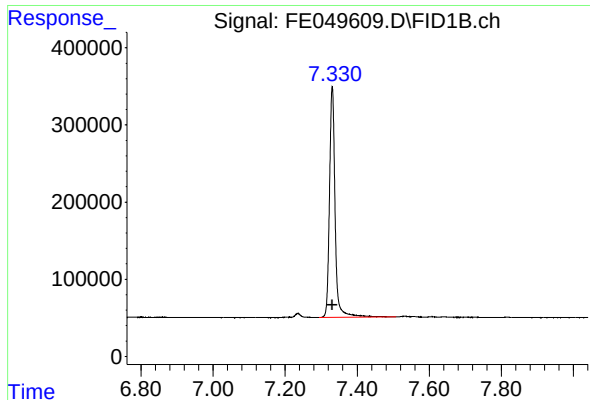
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 3391446
Conc: 21.14 ug/ml



#4 n-Dodecane (C12)

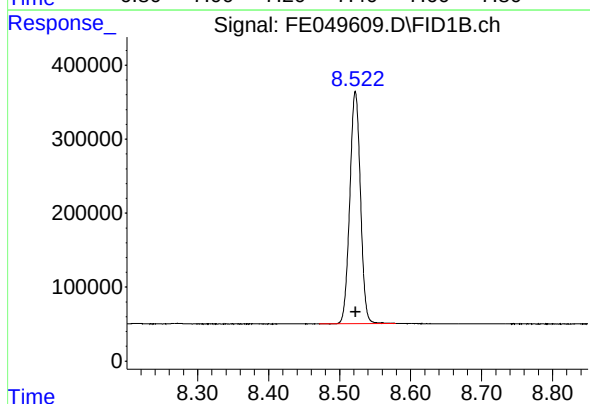
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 3346746
Conc: 21.29 ug/ml



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

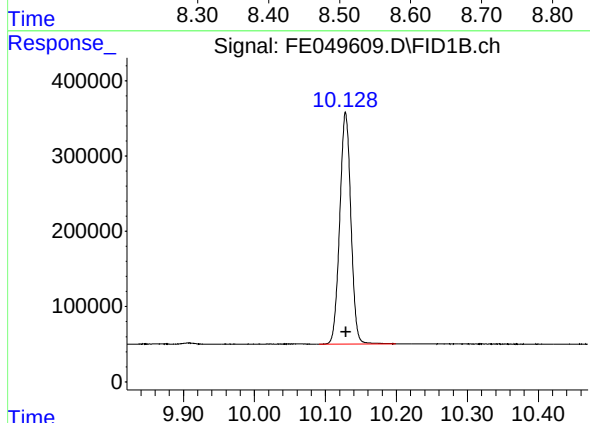
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 3228928
Conc: 21.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



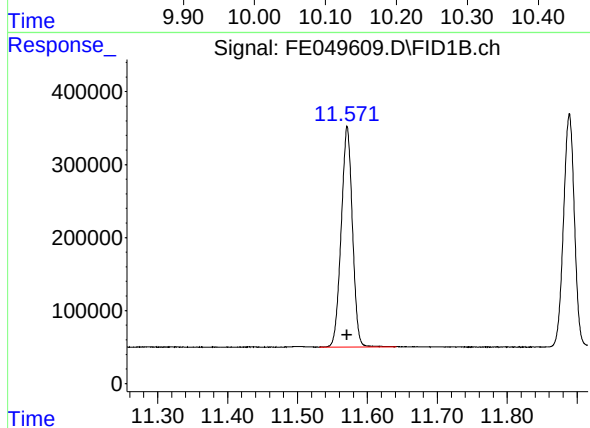
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 3268936
Conc: 21.17 ug/ml



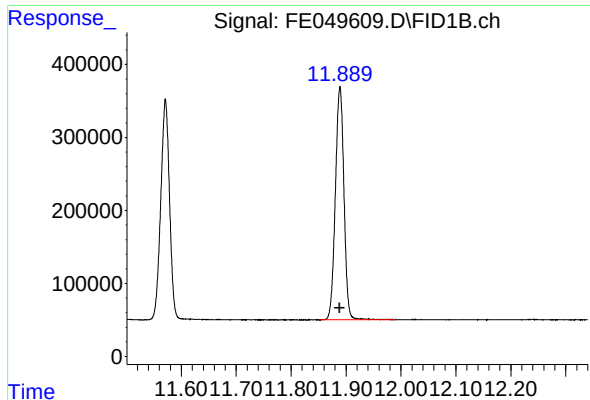
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: 0.000 min
Response: 3346571
Conc: 21.43 ug/ml



#8 n-Octadecane (C18)

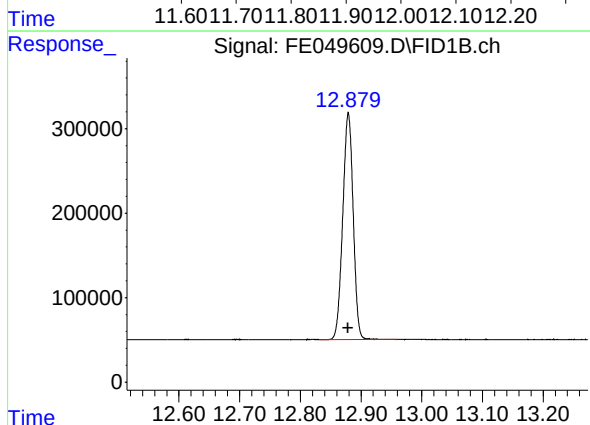
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 3366289
Conc: 21.43 ug/ml



#9 ortho-Terphenyl (SURR)

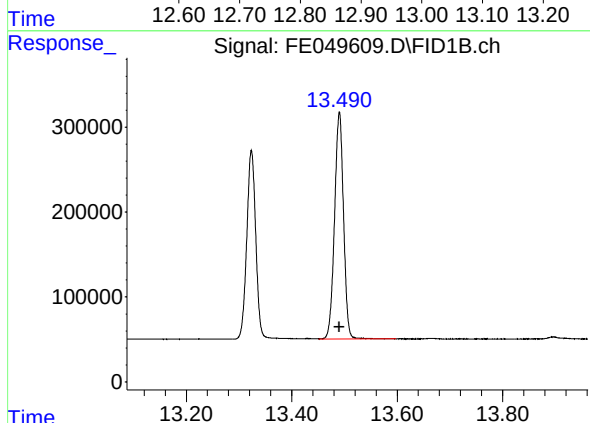
R.T.: 11.889 min
Delta R.T.: 0.000 min
Response: 3469472
Conc: 21.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



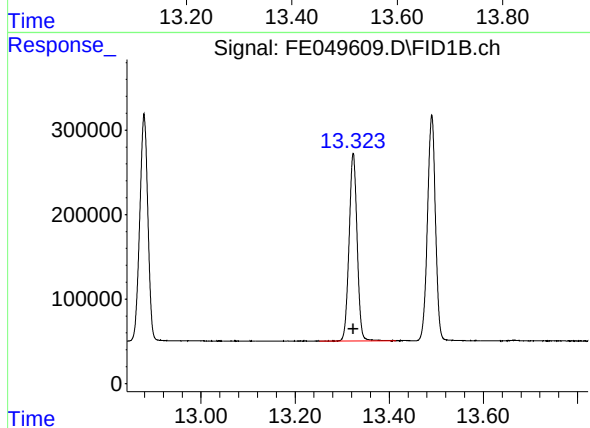
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 3202689
Conc: 21.45 ug/ml



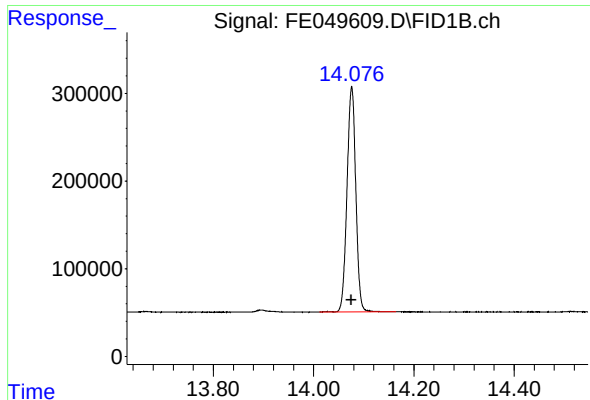
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 3157281
Conc: 21.52 ug/ml



#12 1-chlorooctadecane (SURR)

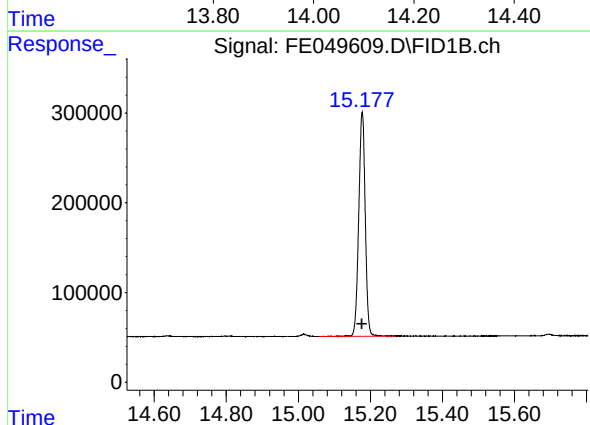
R.T.: 13.324 min
Delta R.T.: 0.000 min
Response: 2639508
Conc: 21.63 ug/ml



#13 n-Docosane (C22)

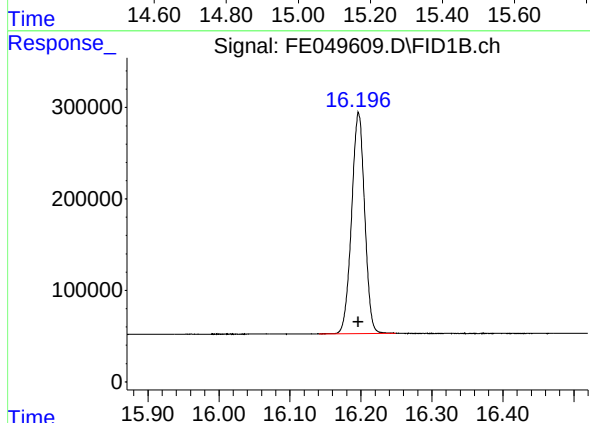
R.T.: 14.076 min
Delta R.T.: 0.000 min
Response: 3128194
Conc: 21.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



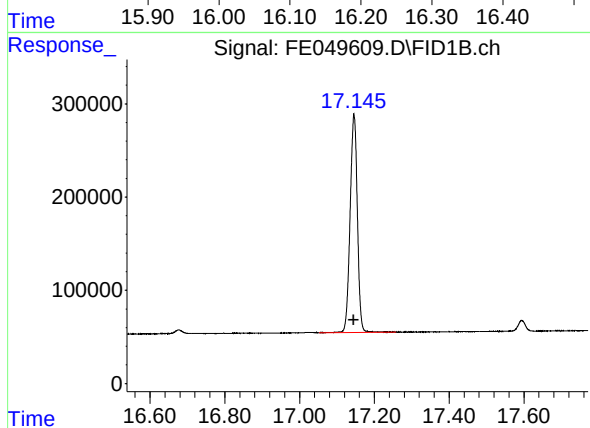
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: 0.000 min
Response: 3127671
Conc: 21.50 ug/ml



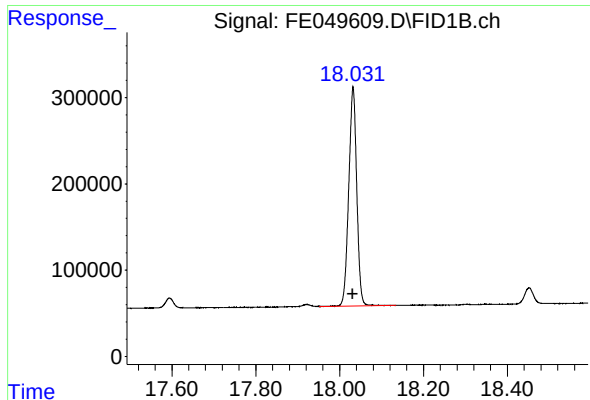
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 3091639
Conc: 21.42 ug/ml



#16 n-Octacosane (C28)

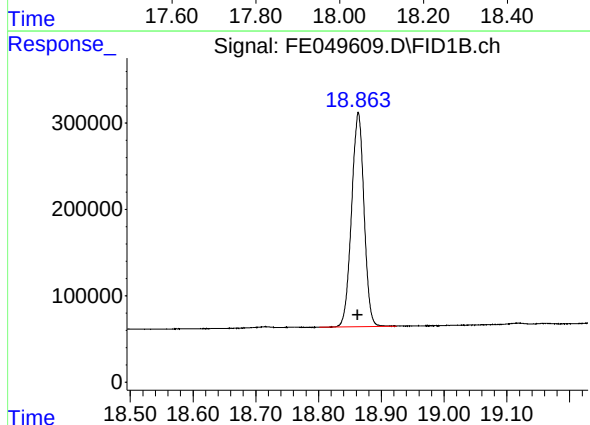
R.T.: 17.146 min
Delta R.T.: 0.000 min
Response: 3156560
Conc: 21.91 ug/ml



#17 n-Tricontane (C30)

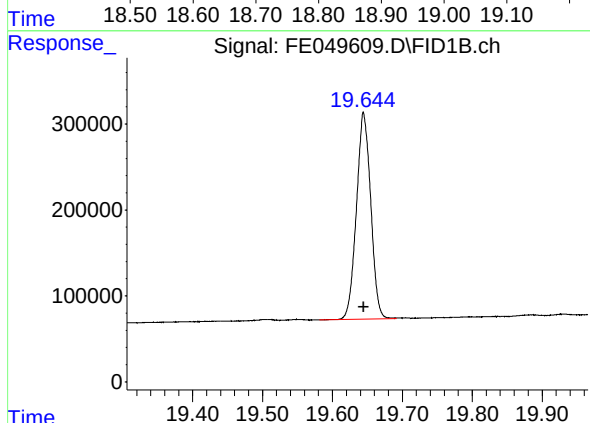
R.T.: 18.032 min
Delta R.T.: 0.000 min
Response: 3363804
Conc: 22.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



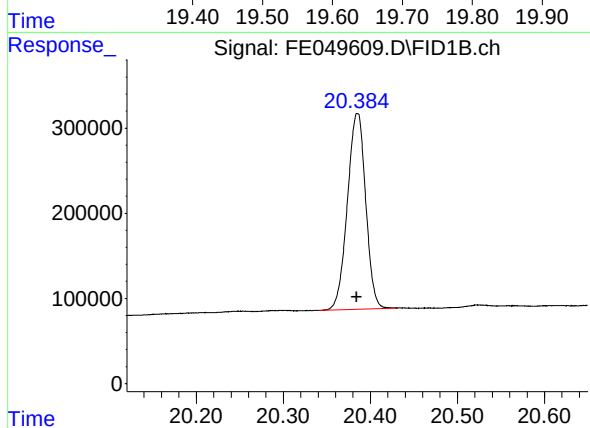
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.000 min
Response: 3427043
Conc: 22.65 ug/ml



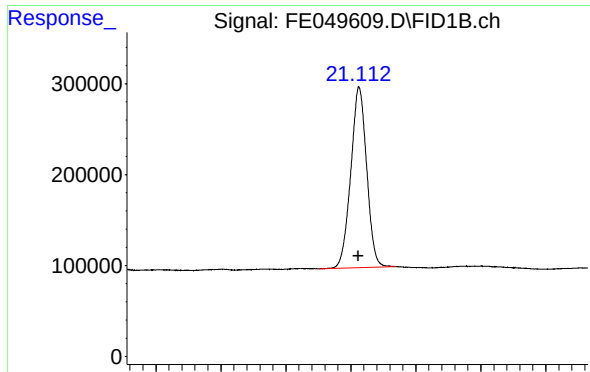
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 3416064
Conc: 22.34 ug/ml



#20 n-Hexatriacontane (C36)

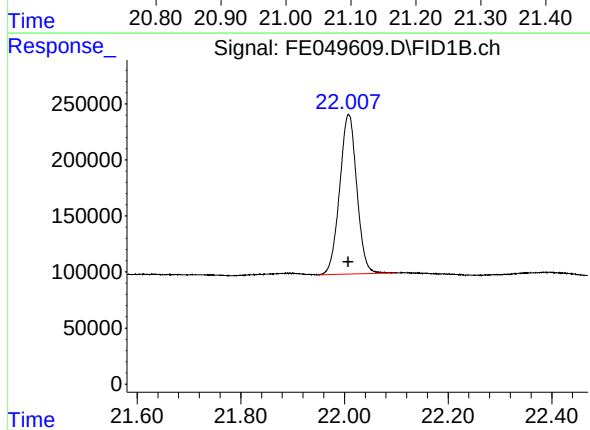
R.T.: 20.385 min
Delta R.T.: 0.001 min
Response: 3362021
Conc: 22.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: 0.001 min
Response: 3380113
Conc: 21.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.000 min
Response: 3265668
Conc: 21.39 ug/ml