

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122923AL\
 Data File : FE046023.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2023 01:35
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: sample.E
 Quant Time: Dec 29 03:49:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:23 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)	11.837	824289	4.536 ug/ml
Spiked Amount 50.000		Recovery =	9.07%
12) S 1-chlorooctadecane (S...	13.283	599949	4.490 ug/ml
Spiked Amount 50.000		Recovery =	8.98%
Target Compounds			
1) T n-Nonane (C9)	3.223	686553	4.486 ug/ml
2) T n-Decane (C10)	4.474	688509	4.436 ug/ml
3) T A~Naphthalene (C11.7)	6.178	694751	4.178 ug/ml
4) T n-Dodecane (C12)	6.641	680138	4.356 ug/ml
5) T A~2-methylnaphthalene...	7.274	637056	4.001 ug/ml
6) T n-Tetradecane (C14)	8.468	692780	4.447 ug/ml
7) T n-Hexadecane (C16)	10.079	719040	4.541 ug/ml
8) T n-Octadecane (C18)	11.525	720489	4.578 ug/ml
10) T n-Eicosane (C20)	12.837	706675	4.671 ug/ml
11) T n-Heneicosane (C21)	13.450	677846	4.610 ug/ml
13) T n-Docosane (C22)	14.038	701917	4.802 ug/ml
14) T n-Tetracosane (C24)	15.145	738932	5.095 ug/ml
15) T n-Hexacosane (C26)	16.169	765307	5.338 ug/ml
16) T n-Octacosane (C28)	17.122	803788	5.604 ug/ml
17) T n-Tricontane (C30)	18.014	874744	5.885 ug/ml
18) T n-Dotriacontane (C32)	18.848	869165	5.811 ug/ml
19) T n-Tetratriacontane (C34)	19.639	748376	5.224 ug/ml
20) T n-Hexatriacontane (C36)	20.379	696392	4.776 ug/ml
21) T n-Octatriacontane (C38)	21.113	710397	4.818 ug/ml
22) T n-Tetracontane (C40)	22.020	779061	4.977 ug/ml

(f)=RT Delta > 1/2 Window

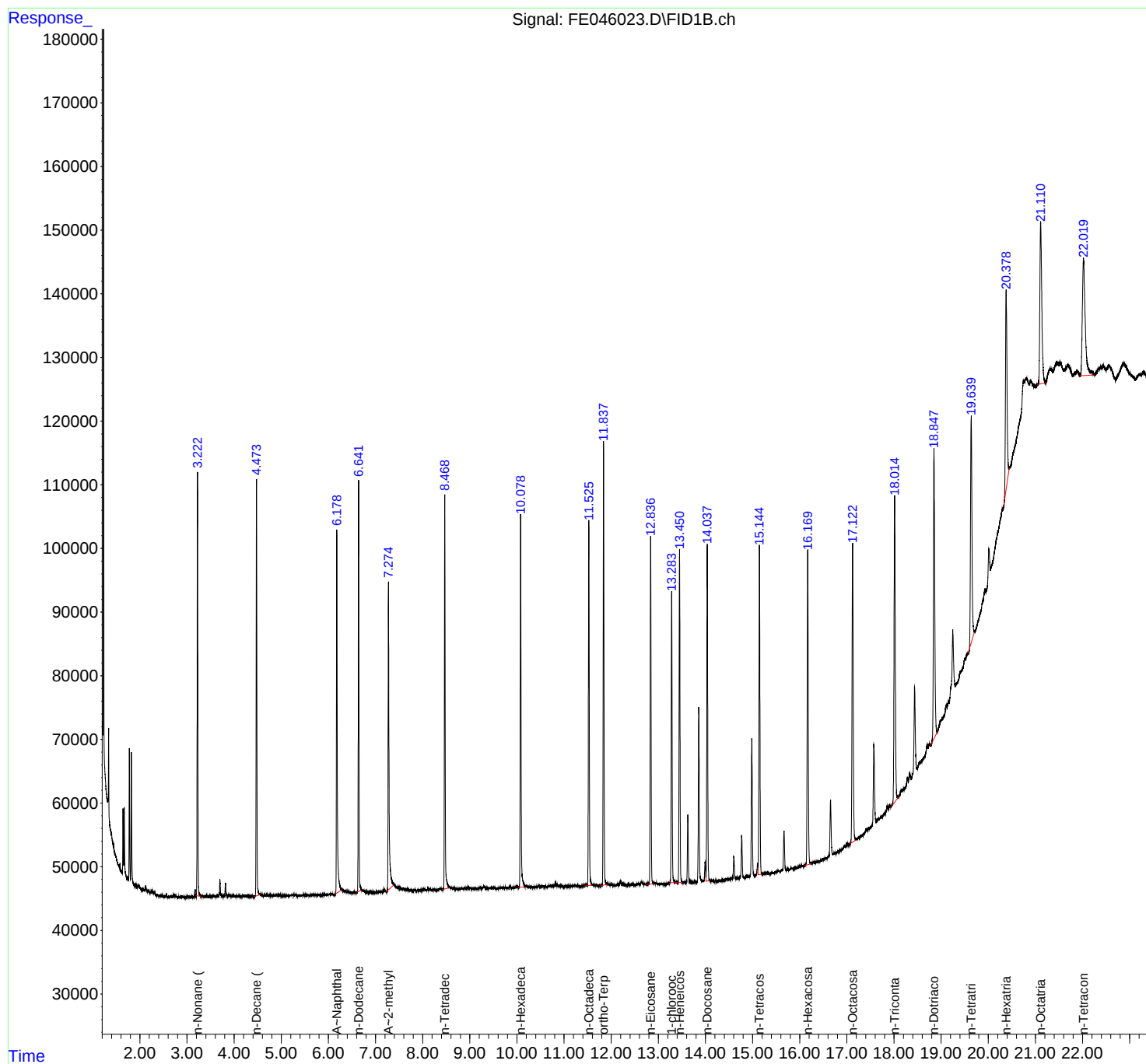
(m)=manual int.

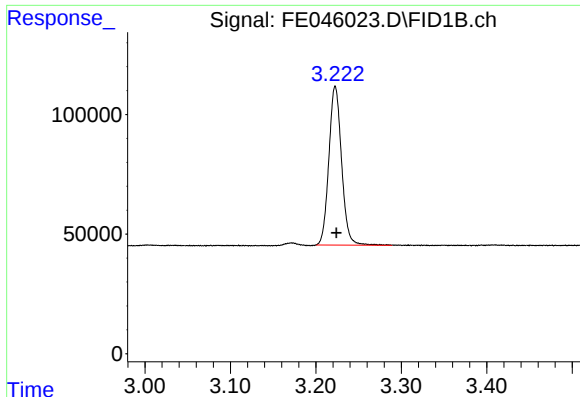
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122923AL\
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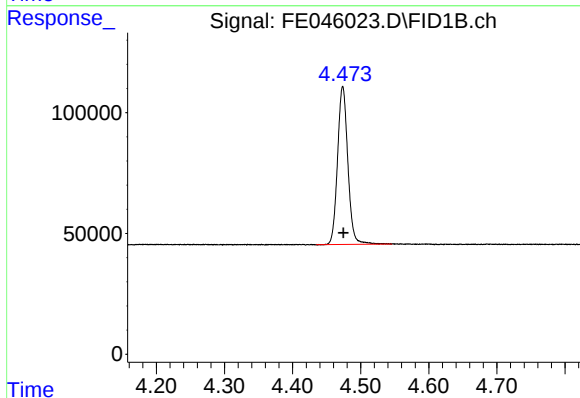




#1 n-Nonane (C9)

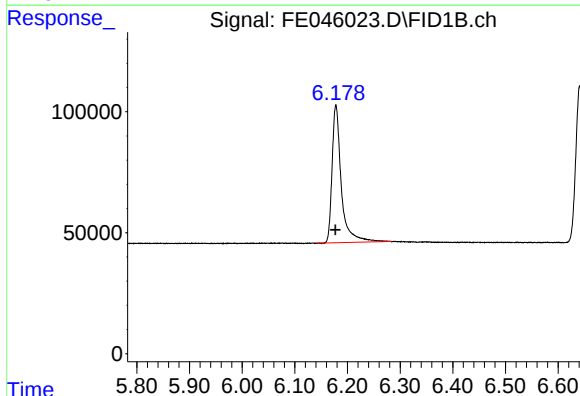
R.T.: 3.223 min
Delta R.T.: -0.001 min
Response: 686553
Conc: 4.49 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



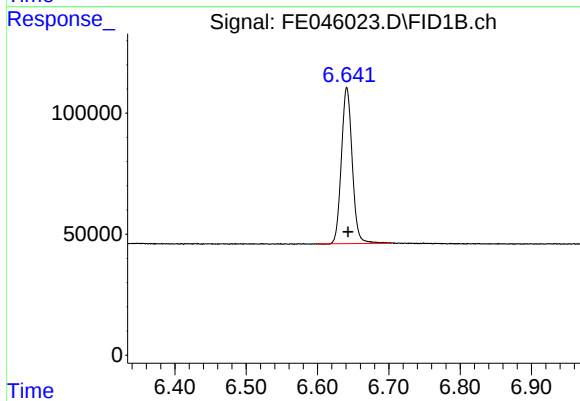
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.001 min
Response: 688509
Conc: 4.44 ug/ml



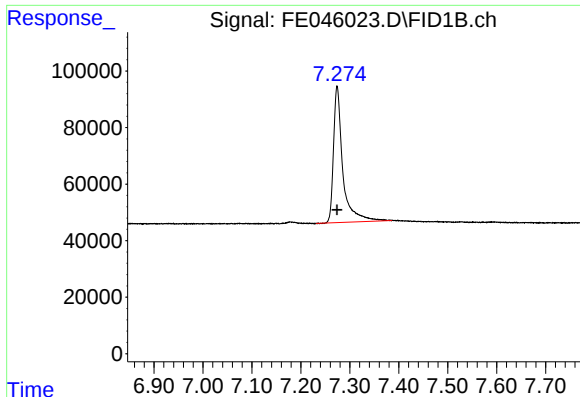
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 694751
Conc: 4.18 ug/ml



#4 n-Dodecane (C12)

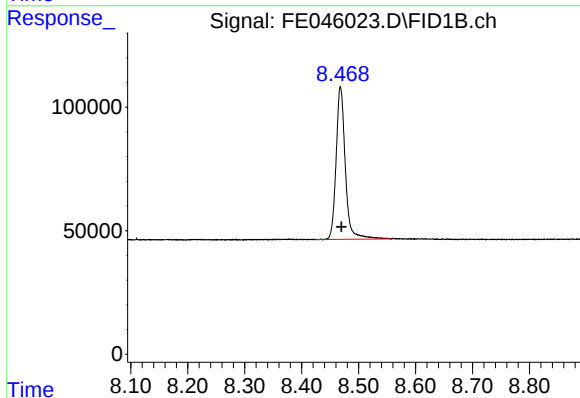
R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 680138
Conc: 4.36 ug/ml



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

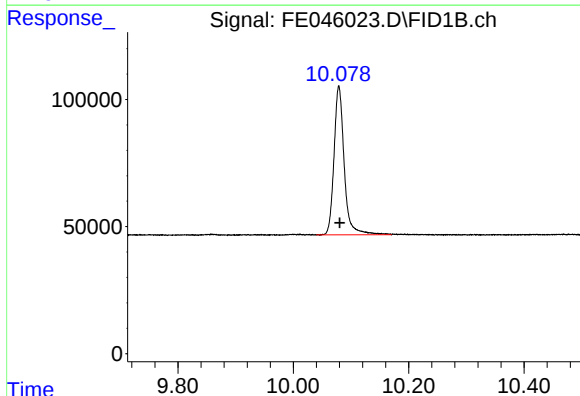
R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 637056
Conc: 4.00 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



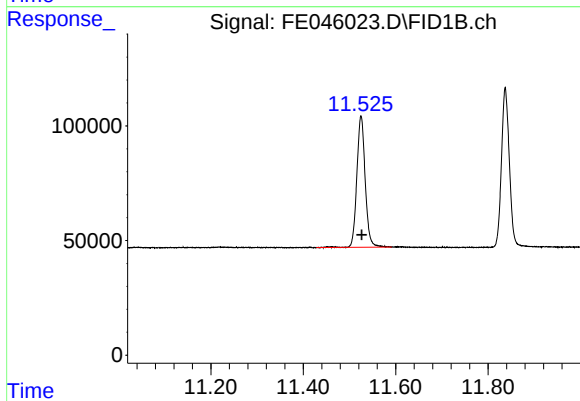
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.002 min
Response: 692780
Conc: 4.45 ug/ml



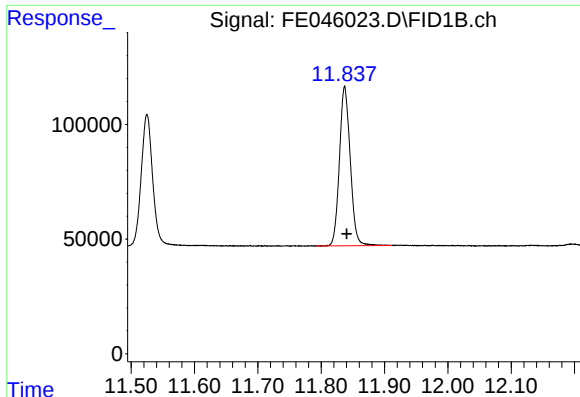
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.001 min
Response: 719040
Conc: 4.54 ug/ml



#8 n-Octadecane (C18)

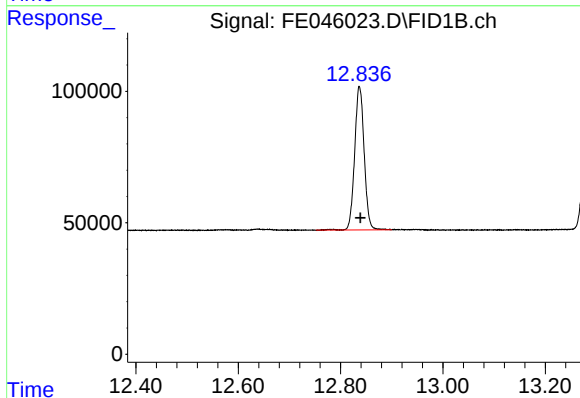
R.T.: 11.525 min
Delta R.T.: -0.002 min
Response: 720489
Conc: 4.58 ug/ml



#9 ortho-Terphenyl (SURR)

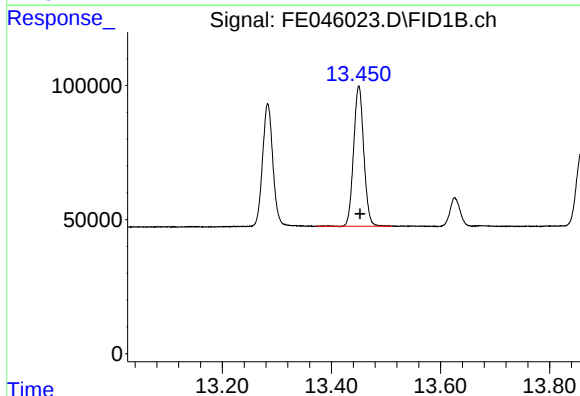
R.T.: 11.837 min
Delta R.T.: -0.003 min
Response: 824289
Conc: 4.54 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



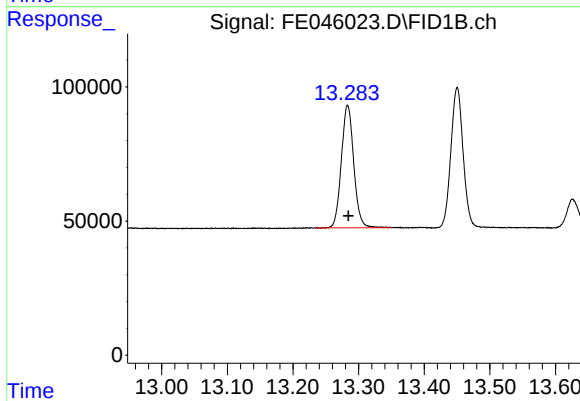
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.002 min
Response: 706675
Conc: 4.67 ug/ml



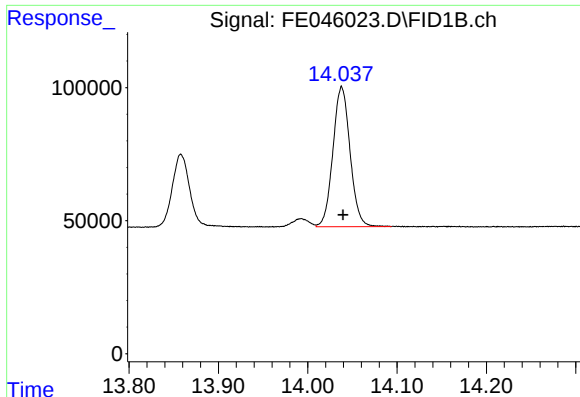
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.002 min
Response: 677846
Conc: 4.61 ug/ml



#12 1-chlorooctadecane (SURR)

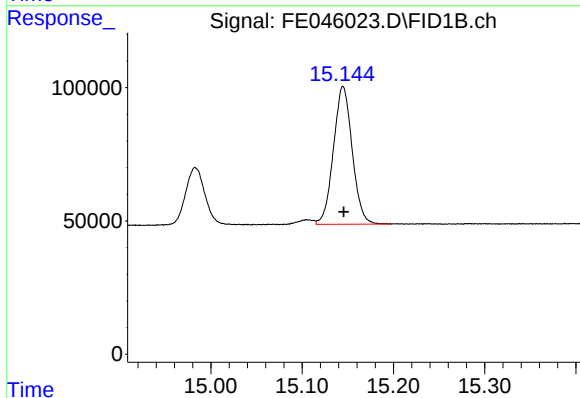
R.T.: 13.283 min
Delta R.T.: -0.001 min
Response: 599949
Conc: 4.49 ug/ml



#13 n-Docosane (C22)

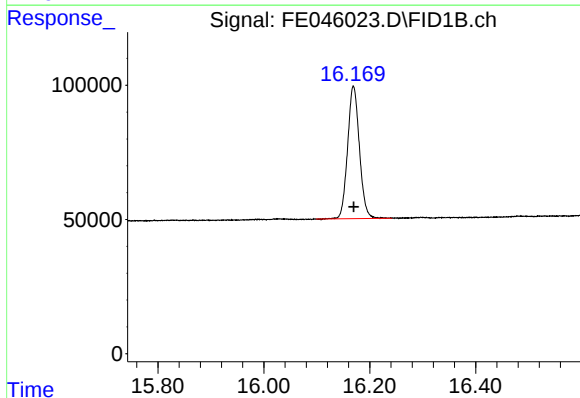
R.T.: 14.038 min
Delta R.T.: -0.002 min
Response: 701917
Conc: 4.80 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



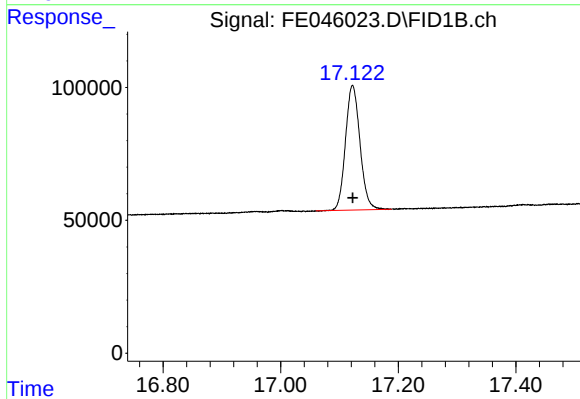
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: 0.000 min
Response: 738932
Conc: 5.09 ug/ml



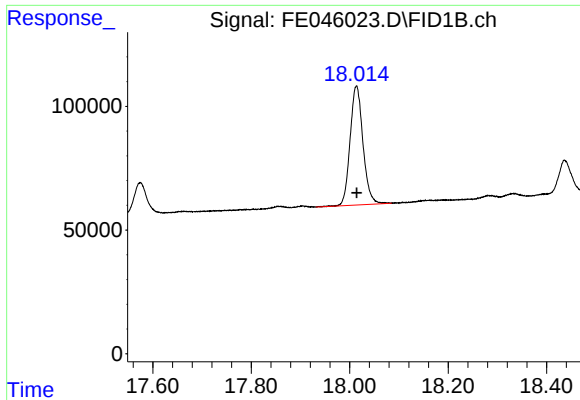
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 765307
Conc: 5.34 ug/ml



#16 n-Octacosane (C28)

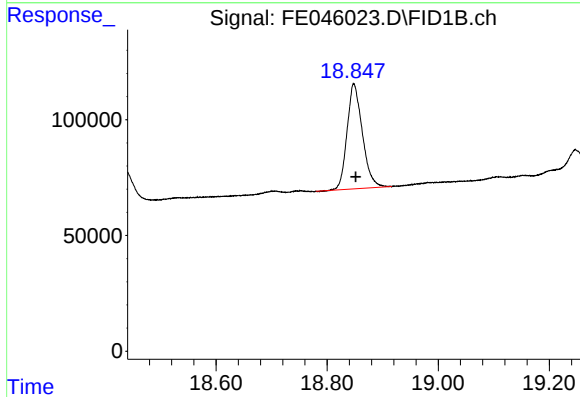
R.T.: 17.122 min
Delta R.T.: 0.000 min
Response: 803788
Conc: 5.60 ug/ml



#17 n-Tricontane (C30)

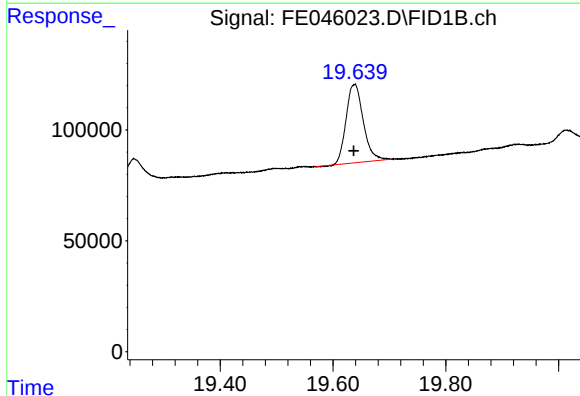
R.T.: 18.014 min
Delta R.T.: 0.000 min
Response: 874744
Conc: 5.89 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



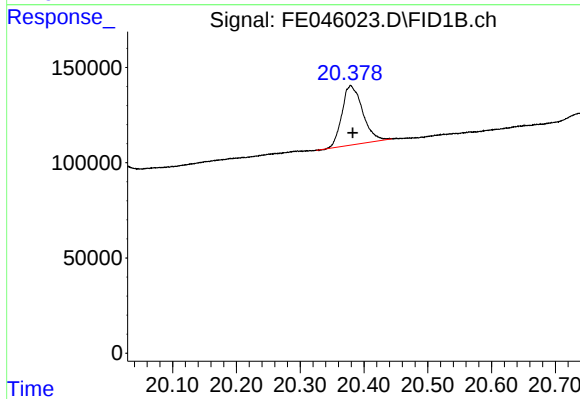
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.003 min
Response: 869165
Conc: 5.81 ug/ml



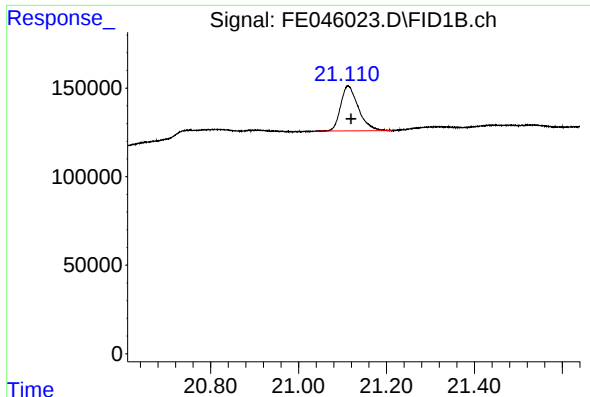
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.002 min
Response: 748376
Conc: 5.22 ug/ml



#20 n-Hexatriacontane (C36)

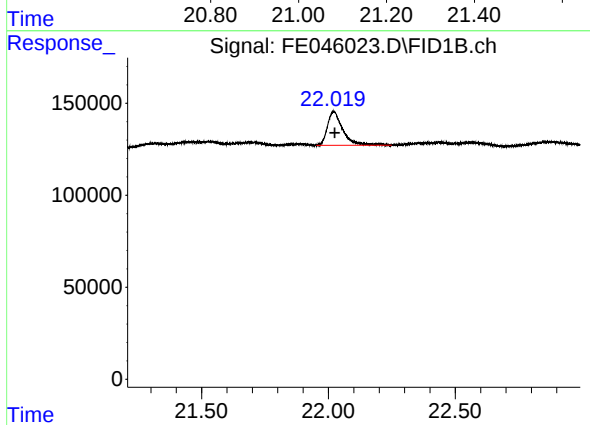
R.T.: 20.379 min
Delta R.T.: -0.003 min
Response: 696392
Conc: 4.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: -0.007 min
Response: 710397
Conc: 4.82 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: -0.005 min
Response: 779061
Conc: 4.98 ug/ml