

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092023AL\
 Data File : FE044384.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2023 04:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 21 05:20:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.926	4126234	21.780 ug/ml
Spiked Amount 50.000		Recovery =	43.56%
12) S 1-chlorooctadecane (S...	13.365	3065825	22.192 ug/ml
Spiked Amount 50.000		Recovery =	44.38%
Target Compounds			
1) T n-Nonane (C9)	3.314	3479391	21.329 ug/ml
2) T n-Decane (C10)	4.565	3555574	21.392 ug/ml
3) T A~Naphthalene (C11.7)	6.266	3862134	21.568 ug/ml
4) T n-Dodecane (C12)	6.729	3593810	21.369 ug/ml
5) T A~2-methylnaphthalene...	7.362	3762697	21.948 ug/ml
6) T n-Tetradecane (C14)	8.556	3556278	21.205 ug/ml
7) T n-Hexadecane (C16)	10.164	3611147	20.894 ug/ml
8) T n-Octadecane (C18)	11.609	3592068	20.636 ug/ml
10) T n-Eicosane (C20)	12.920	3439255	20.792 ug/ml
11) T n-Heneicosane (C21)	13.532	3351655	20.721 ug/ml
13) T n-Docosane (C22)	14.120	3288200	20.582 ug/ml
14) T n-Tetracosane (C24)	15.224	3202010	20.476 ug/ml
15) T n-Hexacosane (C26)	16.246	3117338	20.678 ug/ml
16) T n-Octacosane (C28)	17.196	3070123	21.274 ug/ml
17) T n-Tricontane (C30)	18.085	3169612	21.817 ug/ml
18) T n-Dotriacontane (C32)	18.919	3233569	22.700 ug/ml
19) T n-Tetratriacontane (C34)	19.704	3172526	22.671 ug/ml
20) T n-Hexatriacontane (C36)	20.447	3208478	23.403 ug/ml
21) T n-Octatriacontane (C38)	21.189	3276886	23.606 ug/ml
22) T n-Tetracontane (C40)	22.110	3360549	24.306 ug/ml

(f)=RT Delta > 1/2 Window

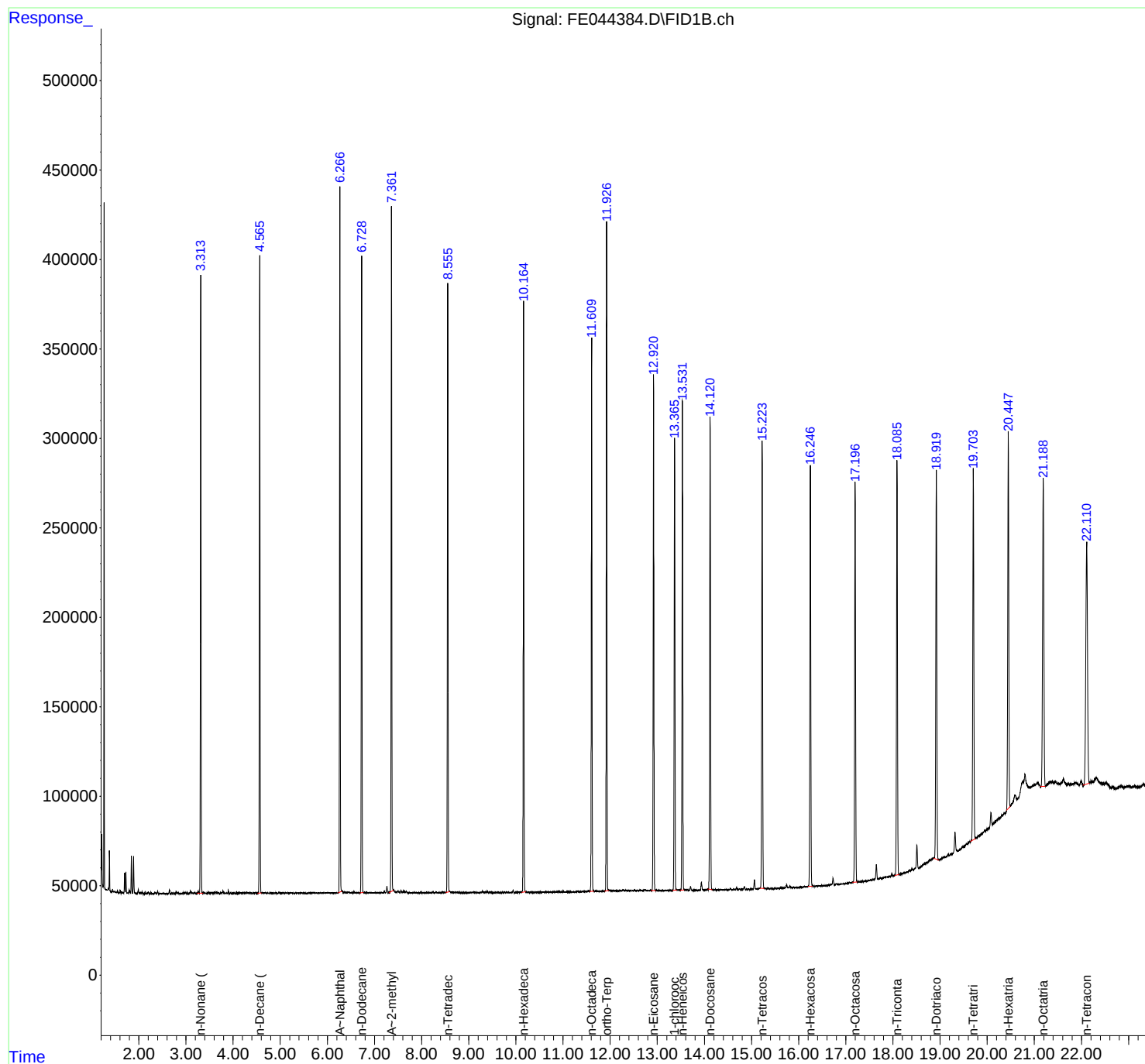
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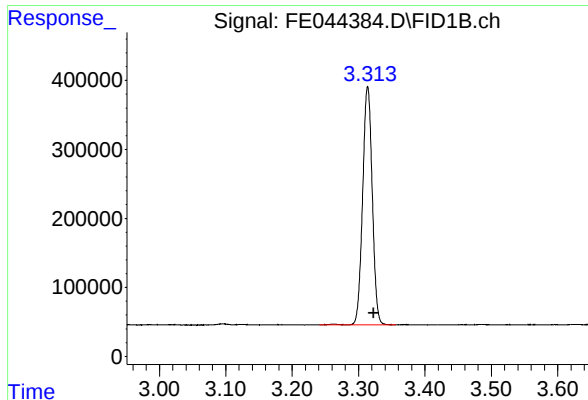
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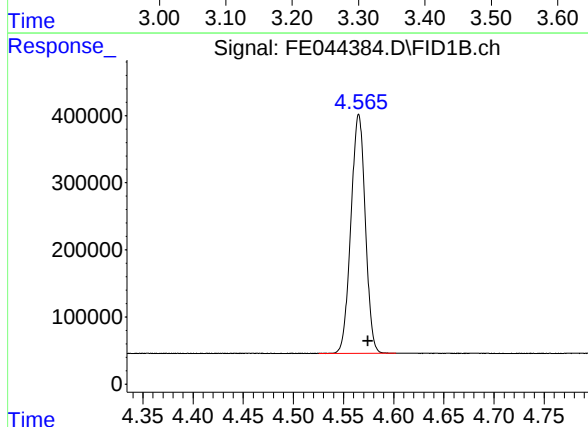




#1 n-Nonane (C9)

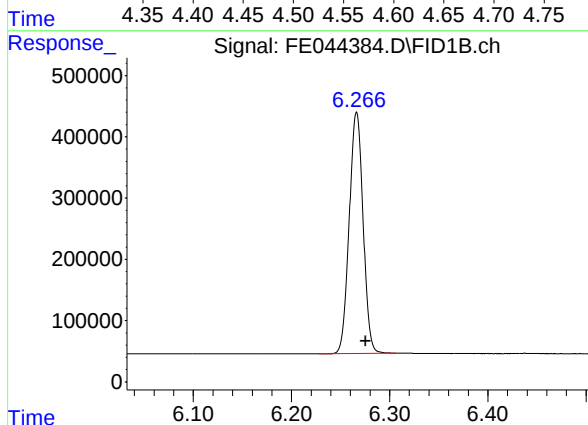
R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 3479391
Conc: 21.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



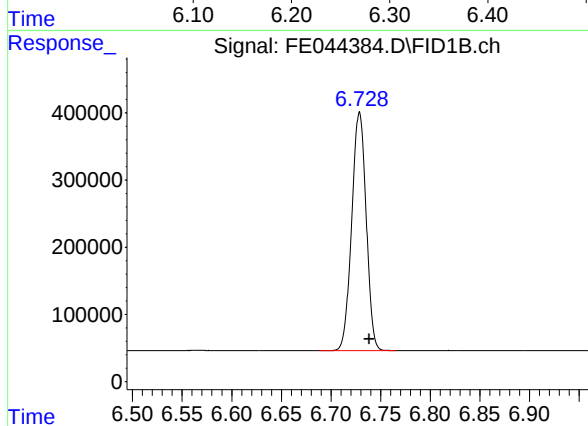
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: -0.009 min
Response: 3555574
Conc: 21.39 ug/ml



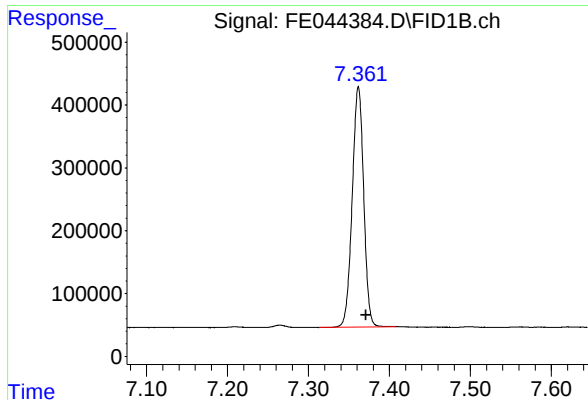
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: -0.009 min
Response: 3862134
Conc: 21.57 ug/ml



#4 n-Dodecane (C12)

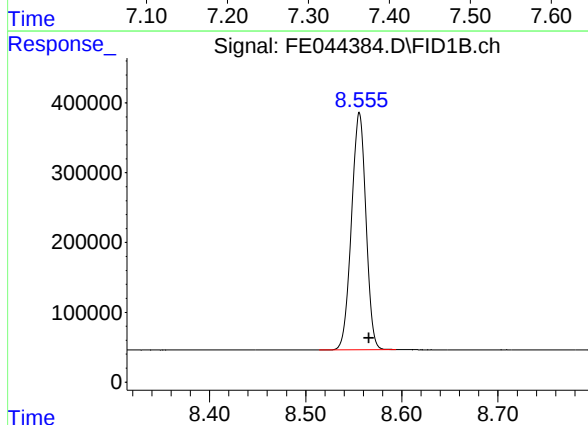
R.T.: 6.729 min
Delta R.T.: -0.010 min
Response: 3593810
Conc: 21.37 ug/ml



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

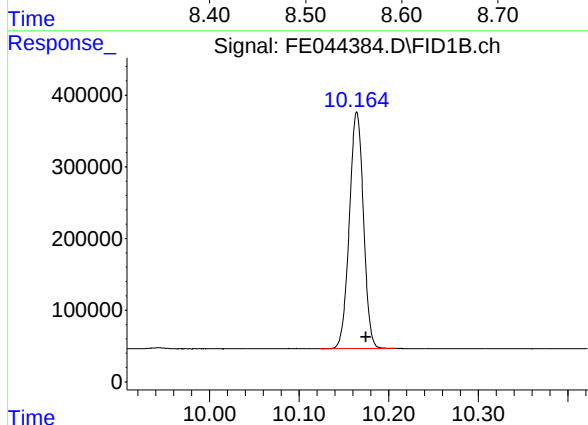
R.T.: 7.362 min
Delta R.T.: -0.009 min
Response: 3762697
Conc: 21.95 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



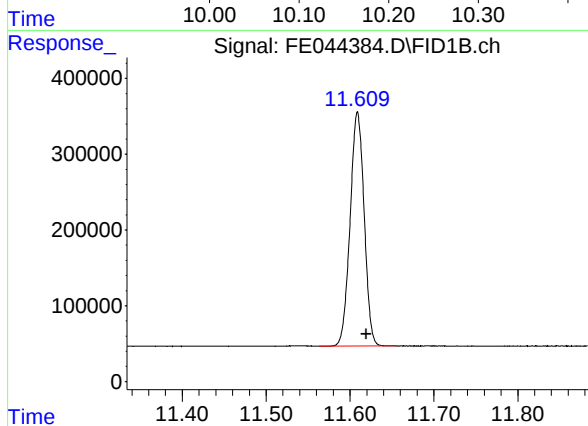
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: -0.010 min
Response: 3556278
Conc: 21.21 ug/ml



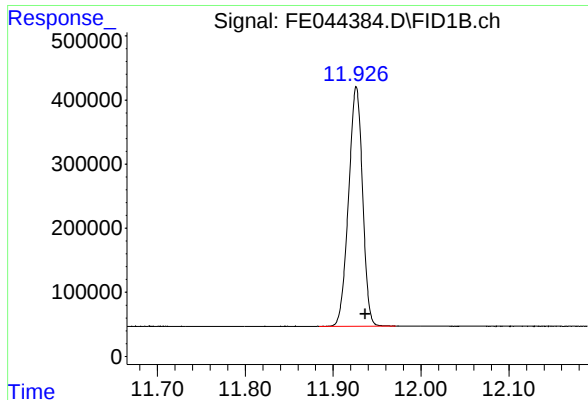
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.010 min
Response: 3611147
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

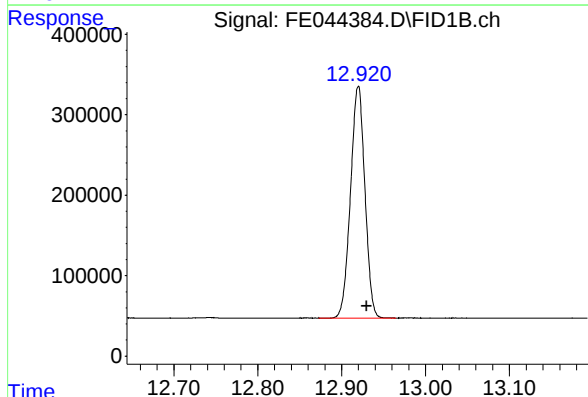
R.T.: 11.609 min
Delta R.T.: -0.011 min
Response: 3592068
Conc: 20.64 ug/ml



#9 ortho-Terphenyl (SURR)

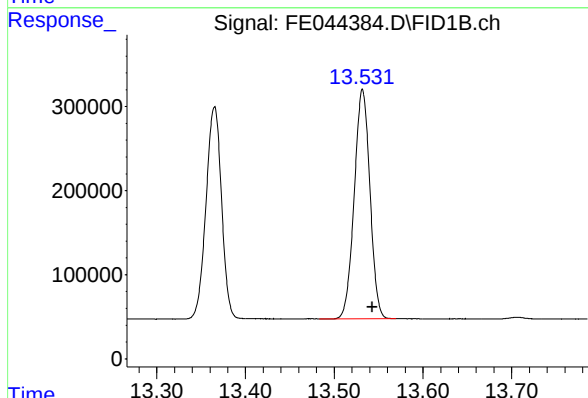
R.T.: 11.926 min
Delta R.T.: -0.010 min
Response: 4126234
Conc: 21.78 ug/ml

Instrument :
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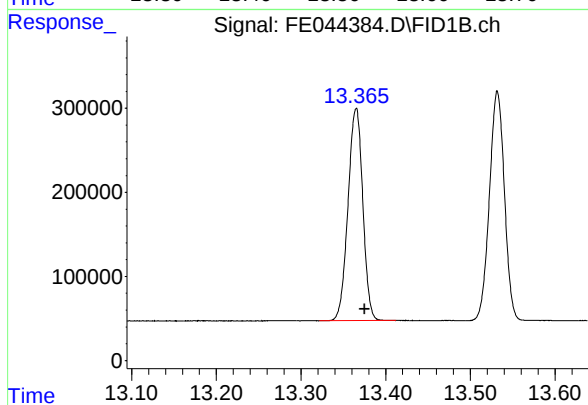
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.010 min
Response: 3439255
Conc: 20.79 ug/ml



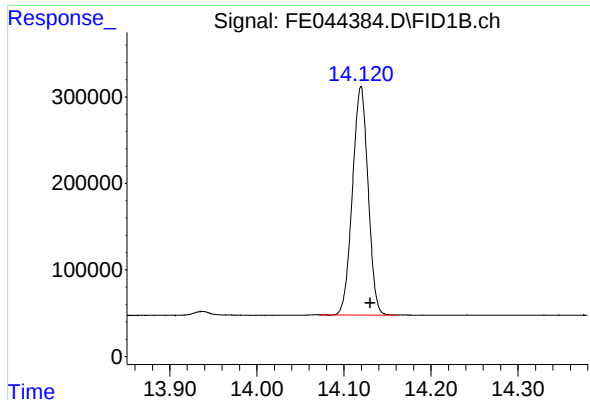
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.011 min
Response: 3351655
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

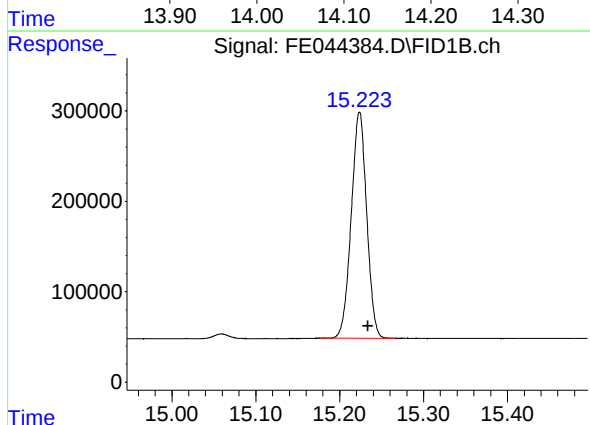
R.T.: 13.365 min
Delta R.T.: -0.010 min
Response: 3065825
Conc: 22.19 ug/ml



#13 n-Docosane (C22)

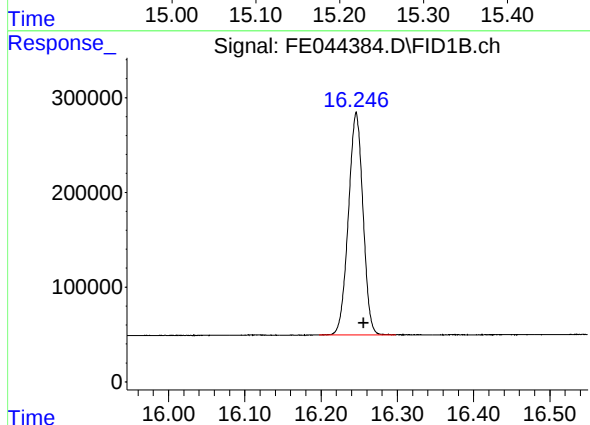
R.T.: 14.120 min
Delta R.T.: -0.011 min
Response: 3288200
Conc: 20.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



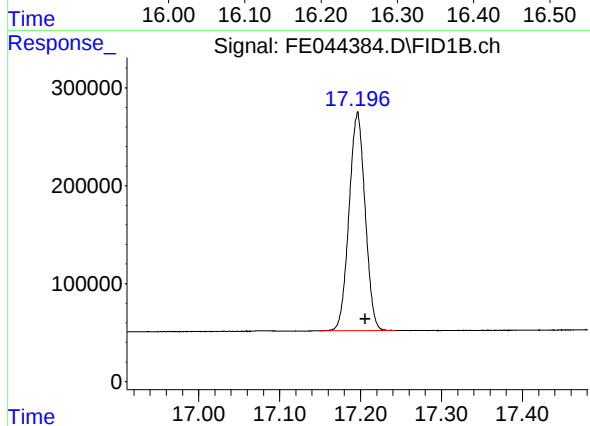
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.010 min
Response: 3202010
Conc: 20.48 ug/ml



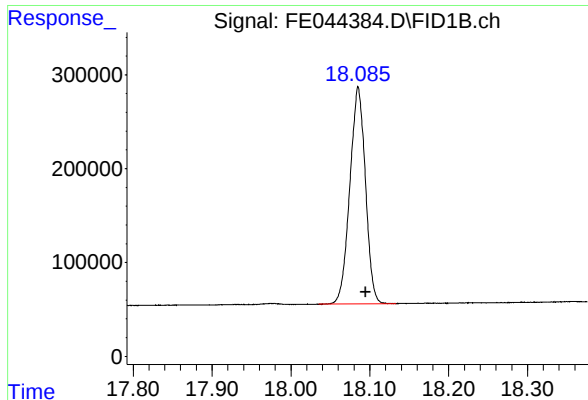
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.009 min
Response: 3117338
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

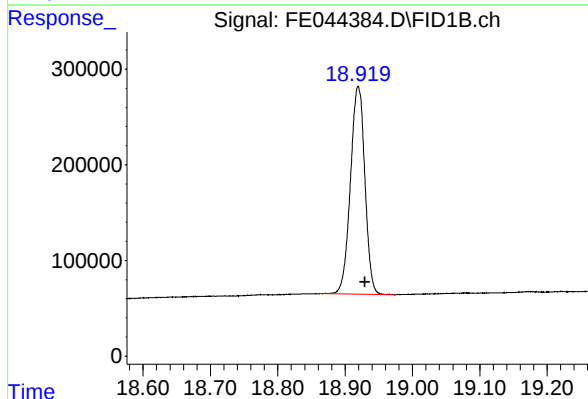
R.T.: 17.196 min
Delta R.T.: -0.010 min
Response: 3070123
Conc: 21.27 ug/ml



#17 n-Tricontane (C30)

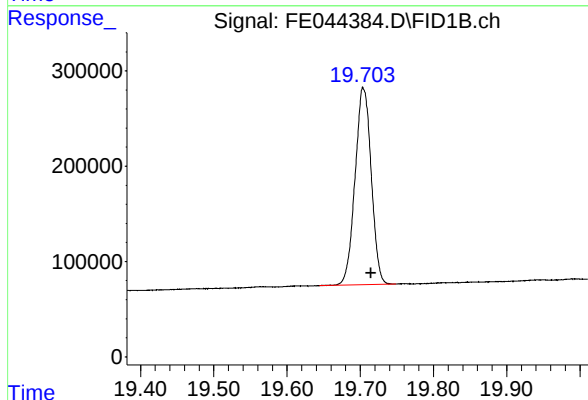
R.T.: 18.085 min
Delta R.T.: -0.009 min
Response: 3169612
Conc: 21.82 ug/ml

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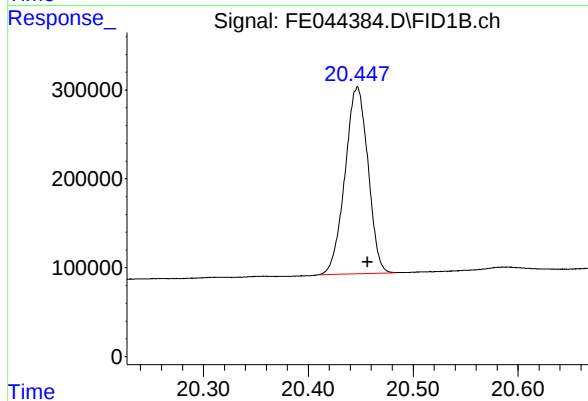
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.010 min
Response: 3233569
Conc: 22.70 ug/ml



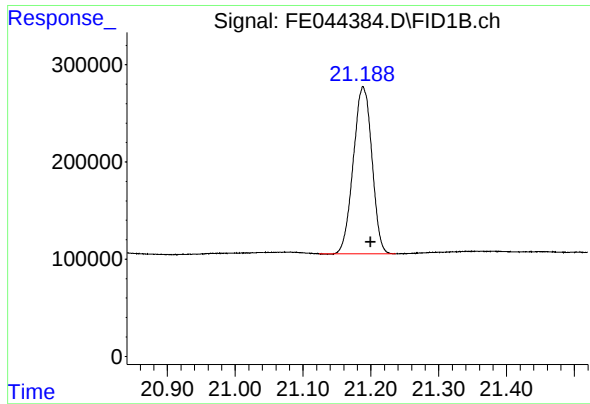
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.011 min
Response: 3172526
Conc: 22.67 ug/ml



#20 n-Hexatriacontane (C36)

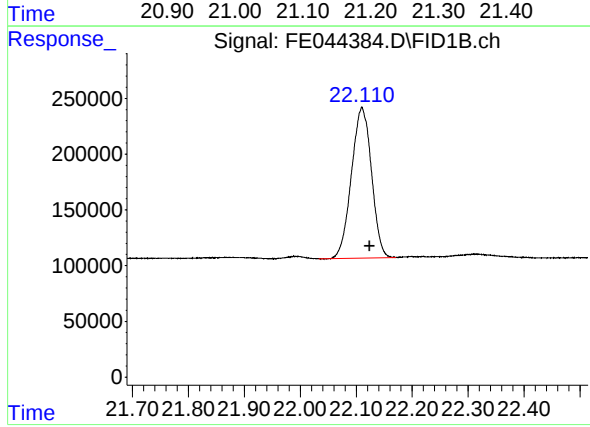
R.T.: 20.447 min
Delta R.T.: -0.010 min
Response: 3208478
Conc: 23.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.011 min
Response: 3276886
Conc: 23.61 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: -0.014 min
Response: 3360549
Conc: 24.31 ug/ml