

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091423AL\
 Data File : FE044279.D
 Signal(s) : FID1B.ch
 Acq On : 14 Sep 2023 13:54
 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: Sep 14 15:54:26 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	3827858	20.205 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.365	2864503	20.735 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T n-Nonane (C9)	3.316	3219799	19.737 ug/ml
2) T n-Decane (C10)	4.567	3270780	19.678 ug/ml
3) T A~Naphthalene (C11.7)	6.267	3554484	19.850 ug/ml
4) T n-Dodecane (C12)	6.731	3307143	19.665 ug/ml
5) T A~2-methylnaphthalene...	7.362	3463576	20.203 ug/ml
6) T n-Tetradecane (C14)	8.557	3281194	19.565 ug/ml
7) T n-Hexadecane (C16)	10.166	3335353	19.298 ug/ml
8) T n-Octadecane (C18)	11.610	3329482	19.127 ug/ml
10) T n-Eicosane (C20)	12.920	3204330	19.372 ug/ml
11) T n-Heneicosane (C21)	13.532	3136078	19.388 ug/ml
13) T n-Docosane (C22)	14.120	3079507	19.276 ug/ml
14) T n-Tetracosane (C24)	15.223	2996942	19.165 ug/ml
15) T n-Hexacosane (C26)	16.246	2893792	19.195 ug/ml
16) T n-Octacosane (C28)	17.195	2804726	19.435 ug/ml
17) T n-Tricontane (C30)	18.084	2860041	19.686 ug/ml
18) T n-Dotriacontane (C32)	18.917	2870171	20.149 ug/ml
19) T n-Tetratriacontane (C34)	19.702	2804212	20.039 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2813142	20.520 ug/ml
21) T n-Octatriacontane (C38)	21.187	2855769	20.572 ug/ml
22) T n-Tetracontane (C40)	22.108	2972632	21.500 ug/ml

(f)=RT Delta > 1/2 Window

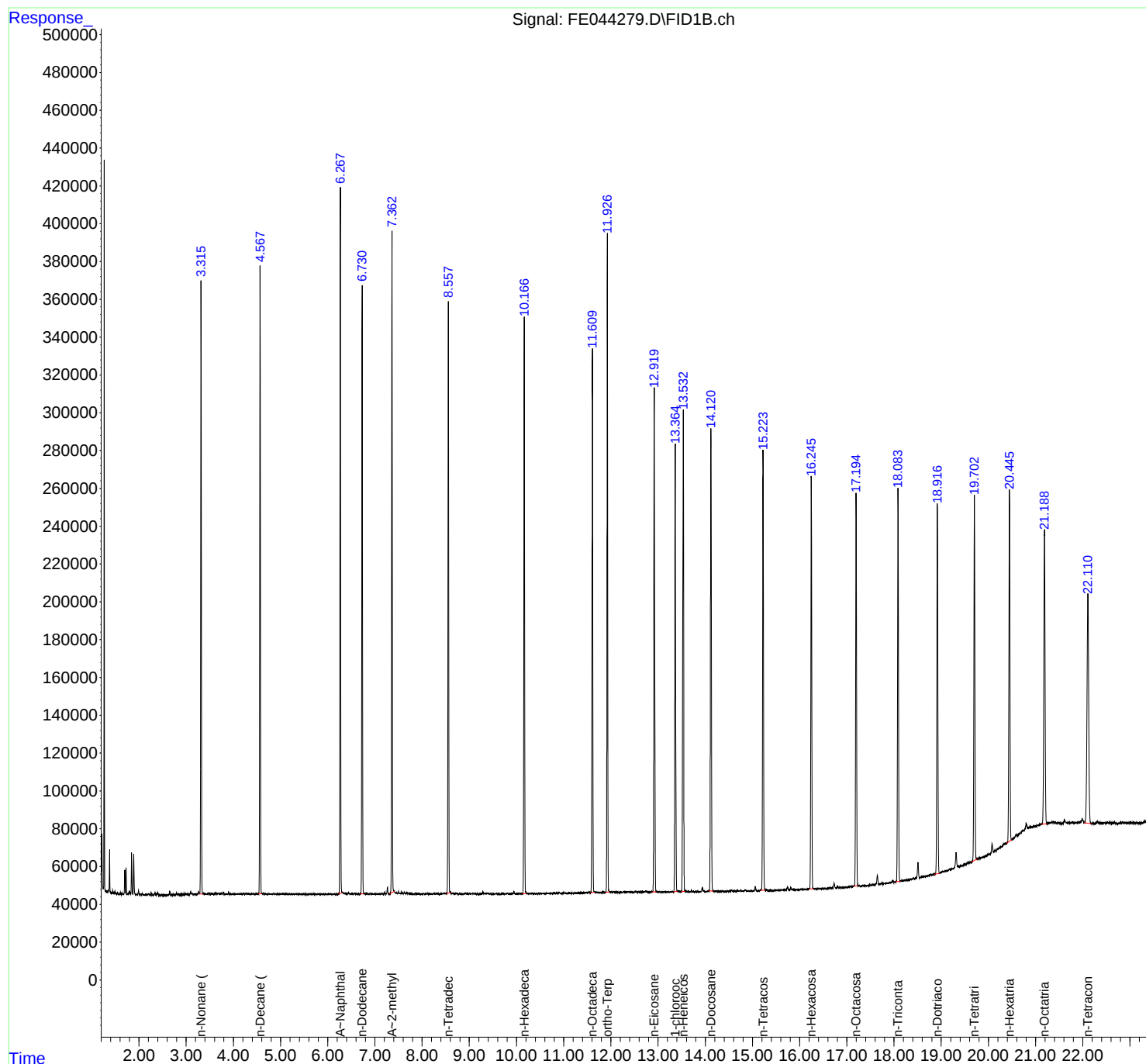
(m)=manual int.

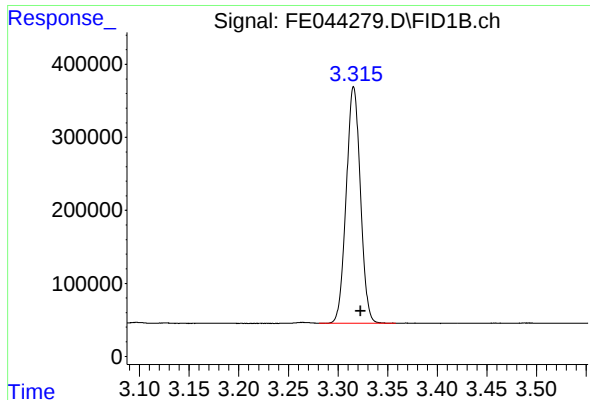
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091423AL\
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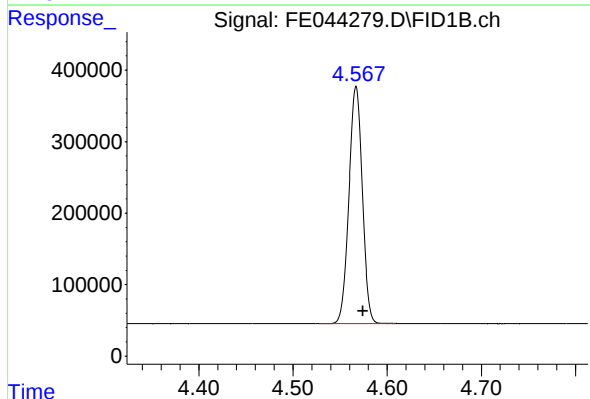




#1 n-Nonane (C9)

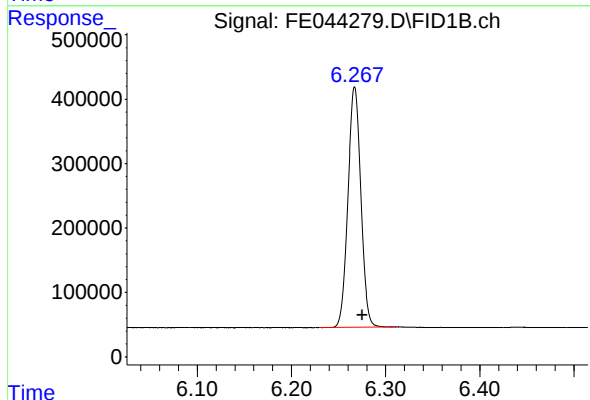
R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 3219799
Conc: 19.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



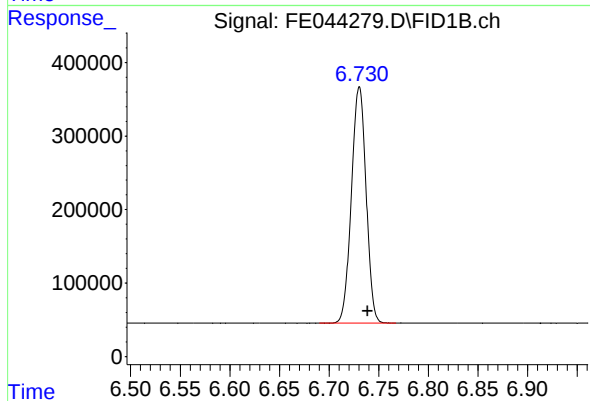
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.007 min
Response: 3270780
Conc: 19.68 ug/ml



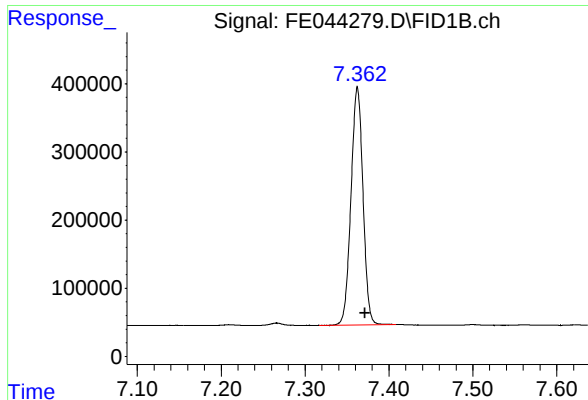
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: -0.008 min
Response: 3554484
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

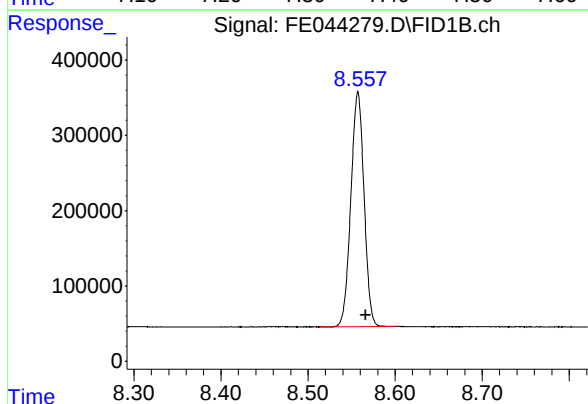
R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 3307143
Conc: 19.66 ug/ml



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

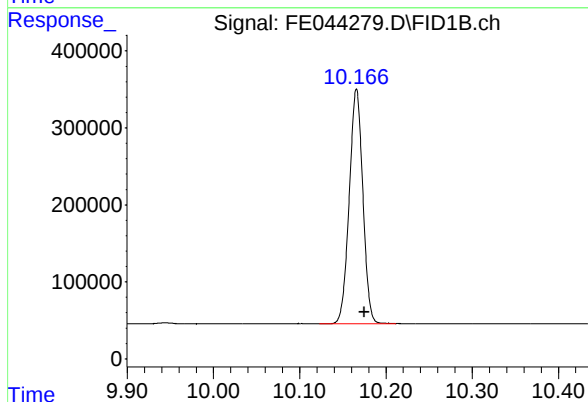
R.T.: 7.362 min
Delta R.T.: -0.009 min
Response: 3463576
Conc: 20.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



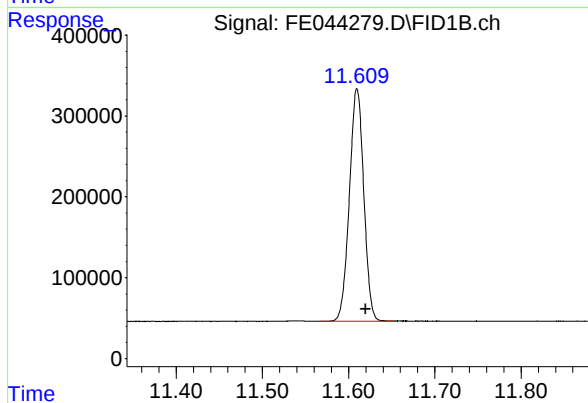
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.009 min
Response: 3281194
Conc: 19.57 ug/ml



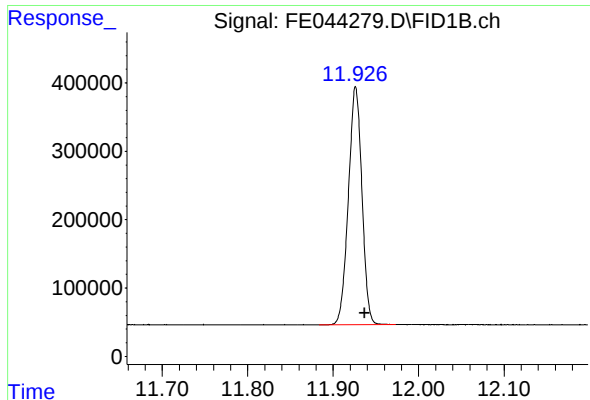
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.009 min
Response: 3335353
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

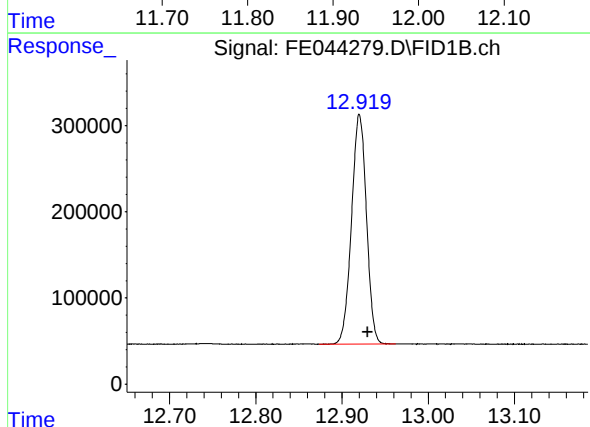
R.T.: 11.610 min
Delta R.T.: -0.010 min
Response: 3329482
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

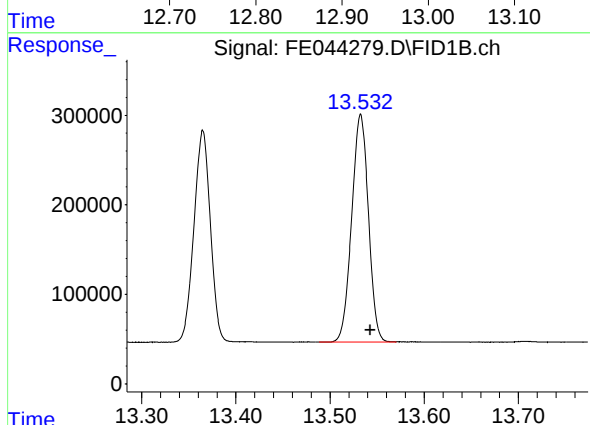
R.T.: 11.926 min
Delta R.T.: -0.010 min
Response: 3827858
Conc: 20.21 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



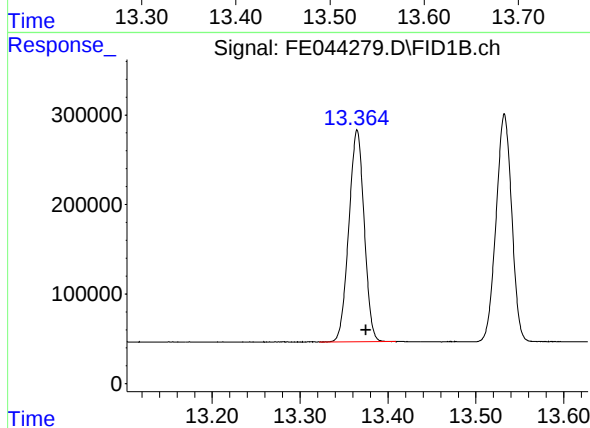
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.010 min
Response: 3204330
Conc: 19.37 ug/ml



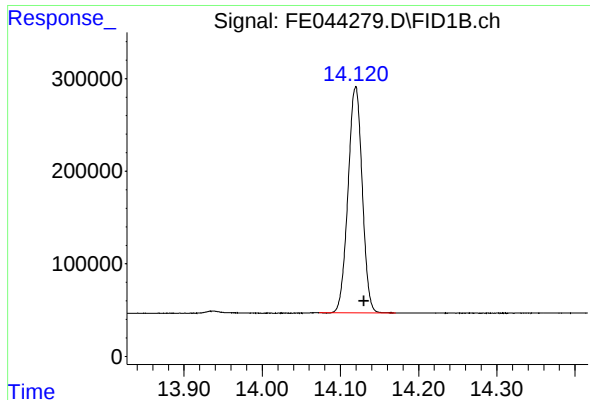
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.010 min
Response: 3136078
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

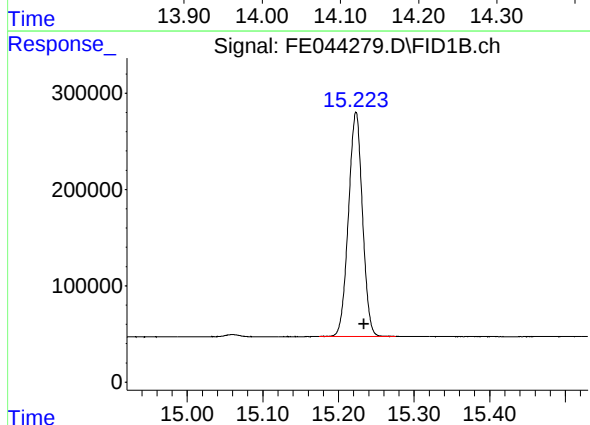
R.T.: 13.365 min
Delta R.T.: -0.010 min
Response: 2864503
Conc: 20.74 ug/ml



#13 n-Docosane (C22)

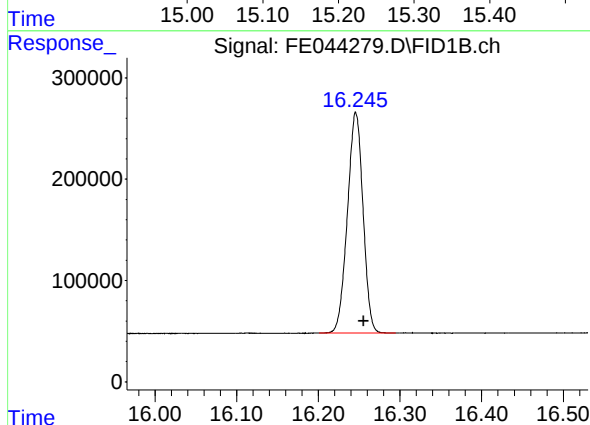
R.T.: 14.120 min
Delta R.T.: -0.011 min
Response: 3079507
Conc: 19.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



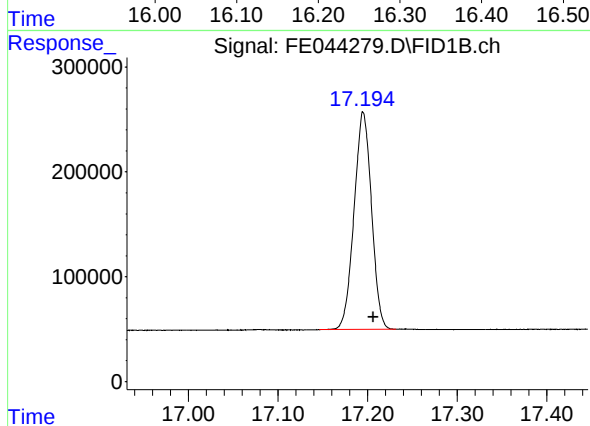
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.010 min
Response: 2996942
Conc: 19.16 ug/ml



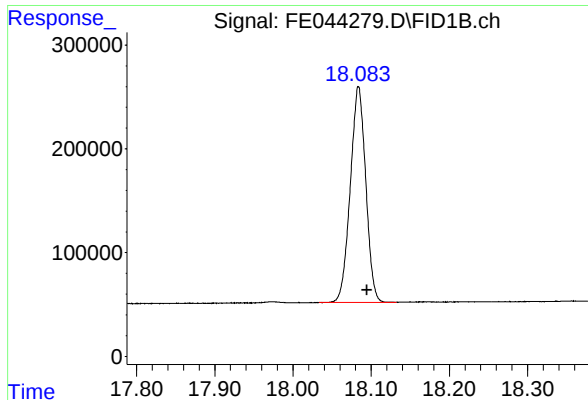
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.010 min
Response: 2893792
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

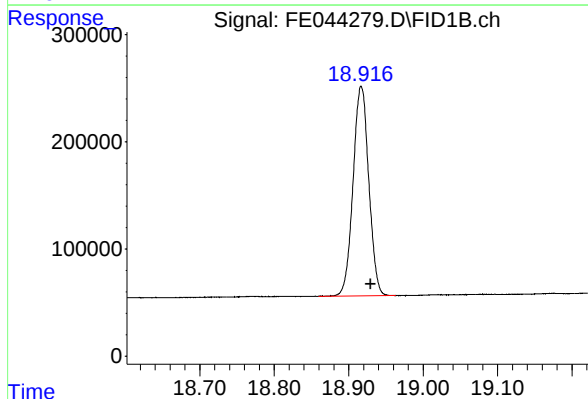
R.T.: 17.195 min
Delta R.T.: -0.011 min
Response: 2804726
Conc: 19.44 ug/ml



#17 n-Tricontane (C30)

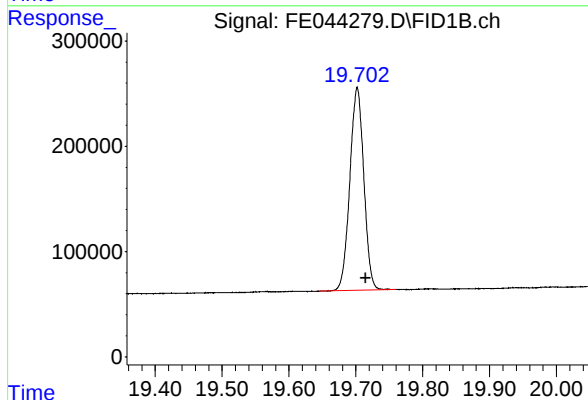
R.T.: 18.084 min
Delta R.T.: -0.011 min
Response: 2860041
Conc: 19.69 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



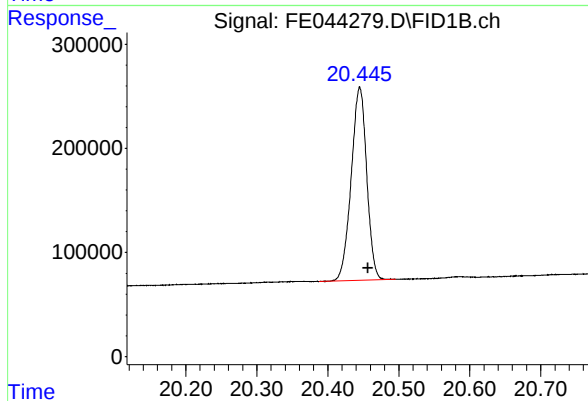
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.013 min
Response: 2870171
Conc: 20.15 ug/ml



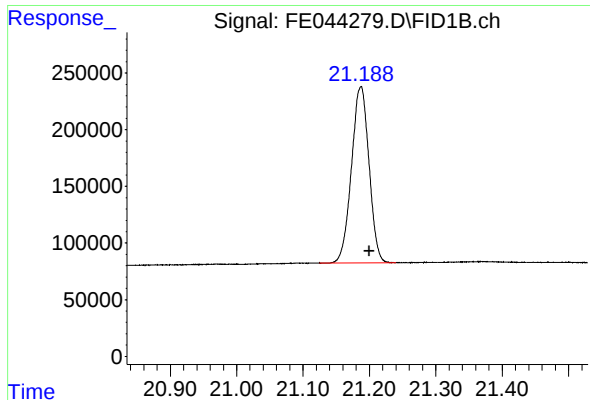
#19 n-Tetatriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.012 min
Response: 2804212
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

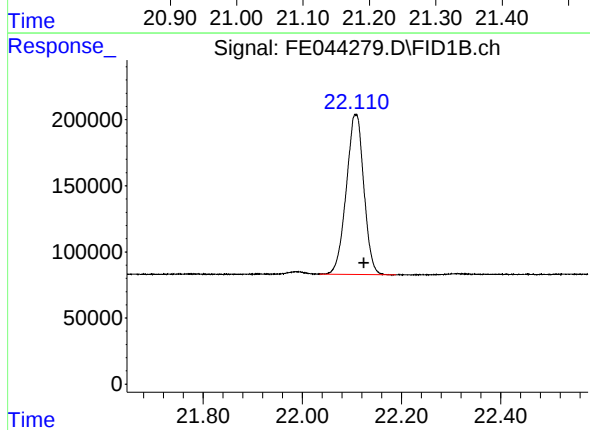
R.T.: 20.445 min
Delta R.T.: -0.012 min
Response: 2813142
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.012 min
Response: 2855769
Conc: 20.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.016 min
Response: 2972632
Conc: 21.50 ug/ml