

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062823AL\
 Data File : FE042979.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2023 13:16
 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: Jun 29 02:47:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.913	3469771	18.888 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	13.351	2565497	18.851 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.291	3004552	19.451 ug/ml
2) T n-Decane (C10)	4.543	3064462	19.400 ug/ml
3) T A~Naphthalene (C11.7)	6.252	3264455	19.279 ug/ml
4) T n-Dodecane (C12)	6.713	3100754	19.372 ug/ml
5) T A~2-methylnaphthalene...	7.350	3111332	19.190 ug/ml
6) T n-Tetradecane (C14)	8.542	3070138	19.291 ug/ml
7) T n-Hexadecane (C16)	10.150	3158567	19.178 ug/ml
8) T n-Octadecane (C18)	11.594	3175857	19.107 ug/ml
10) T n-Eicosane (C20)	12.904	3014393	18.996 ug/ml
11) T n-Heneicosane (C21)	13.516	2932301	18.953 ug/ml
13) T n-Docosane (C22)	14.102	2880545	18.910 ug/ml
14) T n-Tetracosane (C24)	15.205	2824124	19.034 ug/ml
15) T n-Hexacosane (C26)	16.227	2745664	19.206 ug/ml
16) T n-Octacosane (C28)	17.177	2727741	19.667 ug/ml
17) T n-Tricontane (C30)	18.064	2889662	20.432 ug/ml
18) T n-Dotriacontane (C32)	18.897	2915951	20.790 ug/ml
19) T n-Tetratriacontane (C34)	19.682	2836344	20.727 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2751408	20.573 ug/ml
21) T n-Octatriacontane (C38)	21.162	2790641	20.468 ug/ml
22) T n-Tetracontane (C40)	22.081	2900298	20.846 ug/ml

(f)=RT Delta > 1/2 Window

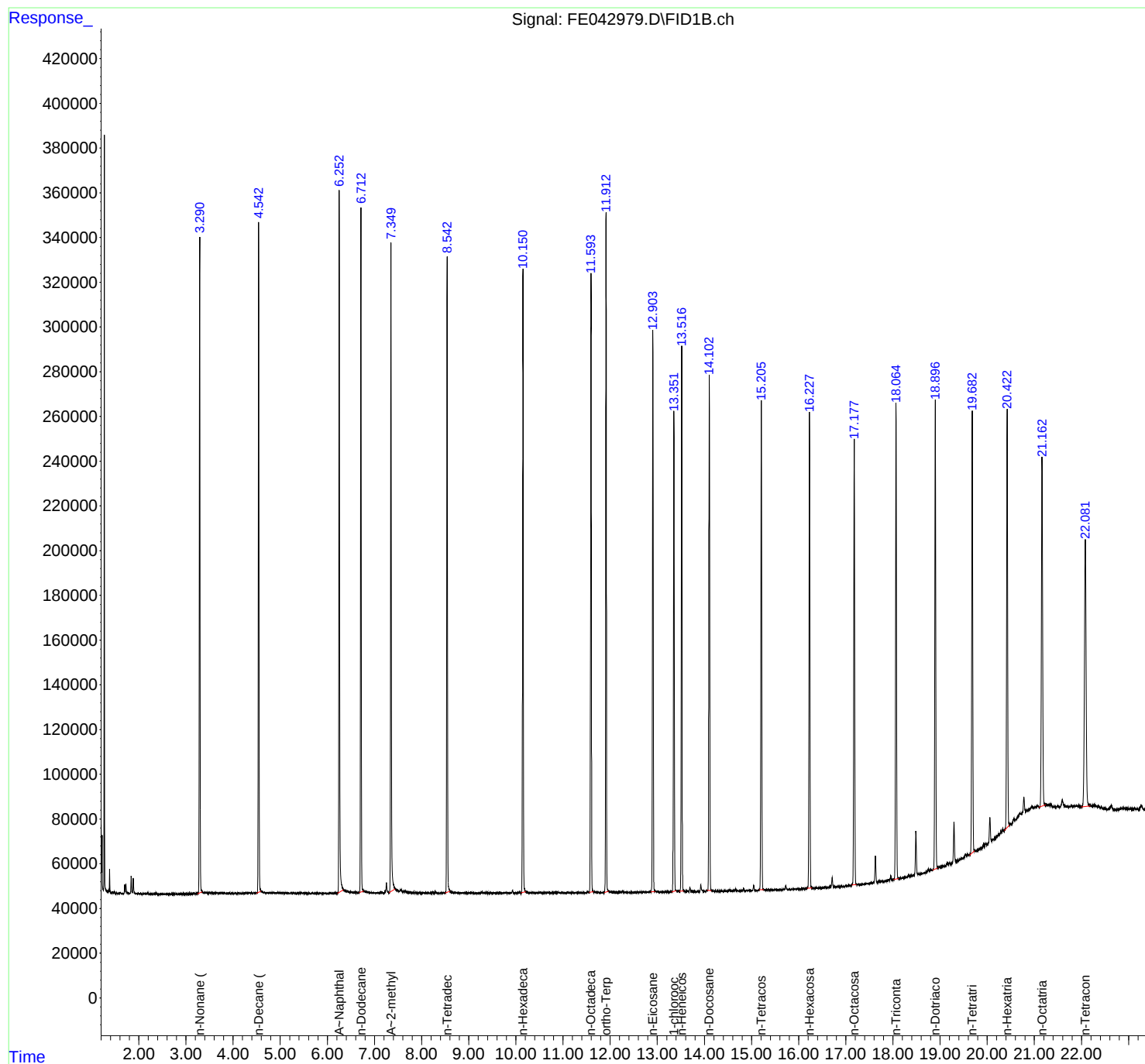
(m)=manual int.

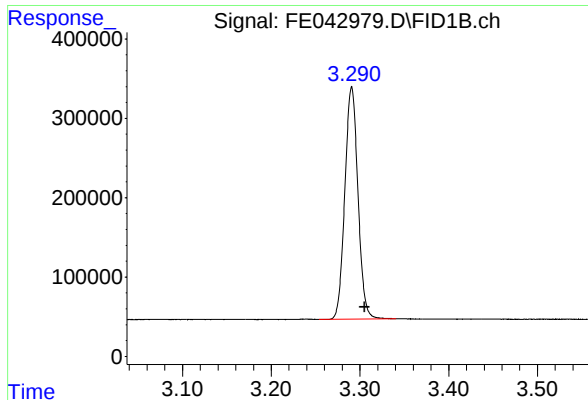
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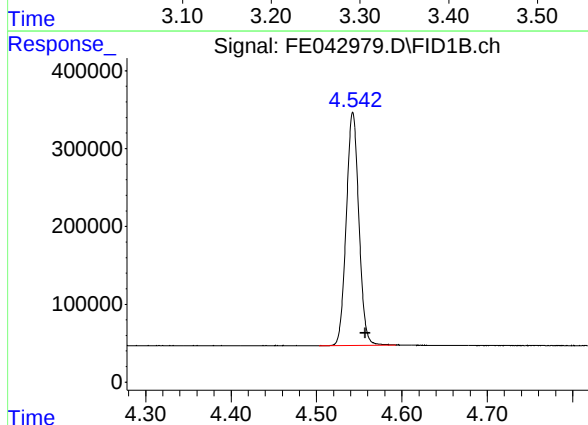




#1 n-Nonane (C9)

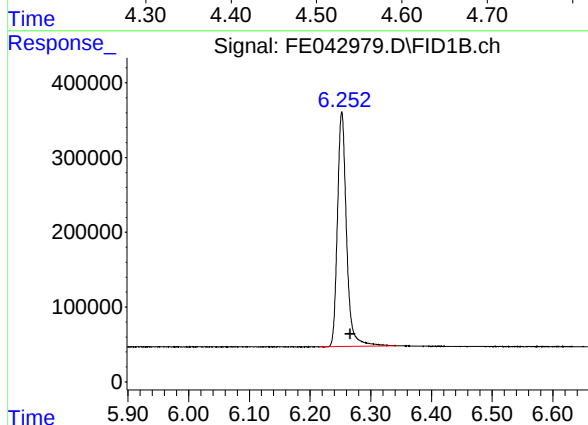
R.T.: 3.291 min
Delta R.T.: -0.014 min
Response: 3004552
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



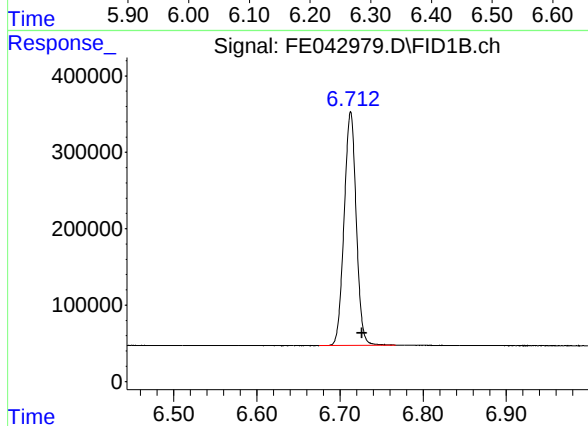
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.015 min
Response: 3064462
Conc: 19.40 ug/ml



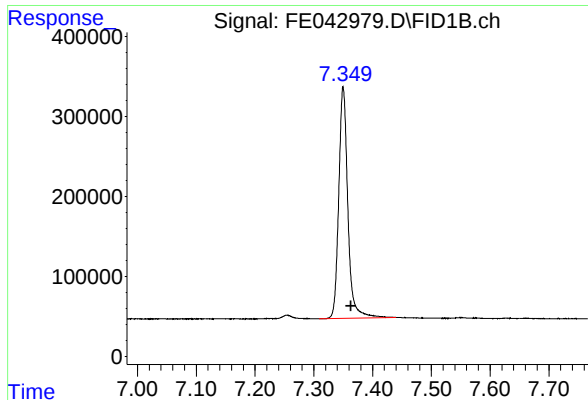
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.014 min
Response: 3264455
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

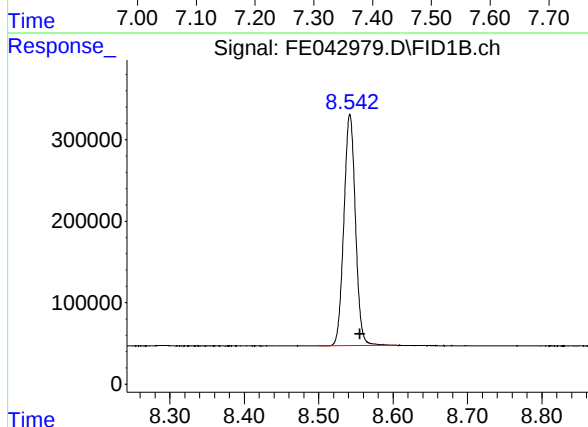
R.T.: 6.713 min
Delta R.T.: -0.013 min
Response: 3100754
Conc: 19.37 ug/ml



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

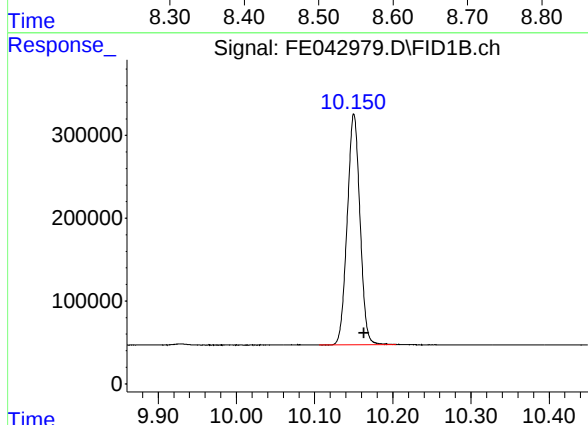
R.T.: 7.350 min
Delta R.T.: -0.013 min
Response: 3111332
Conc: 19.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



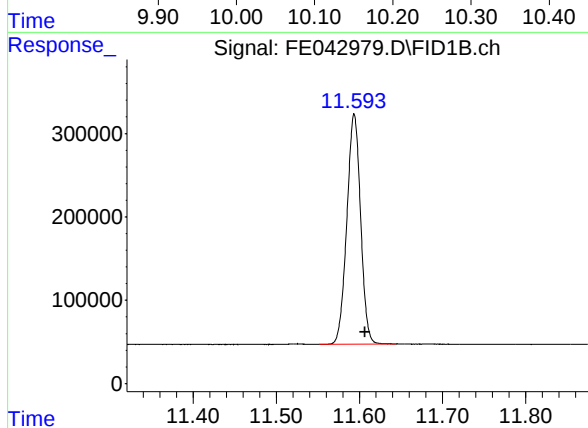
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: -0.013 min
Response: 3070138
Conc: 19.29 ug/ml



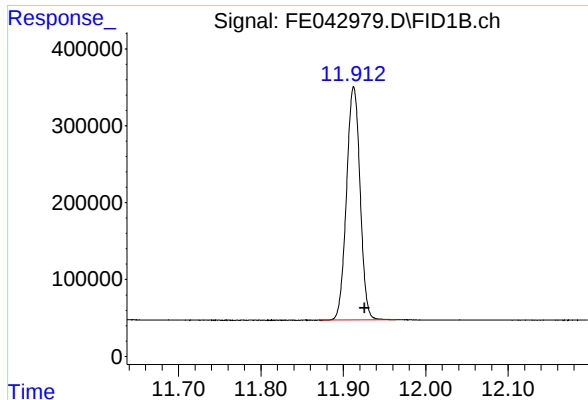
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.013 min
Response: 3158567
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

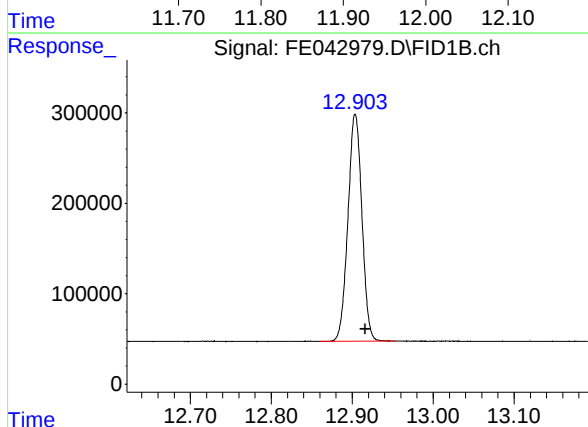
R.T.: 11.594 min
Delta R.T.: -0.013 min
Response: 3175857
Conc: 19.11 ug/ml



#9 ortho-Terphenyl (SURR)

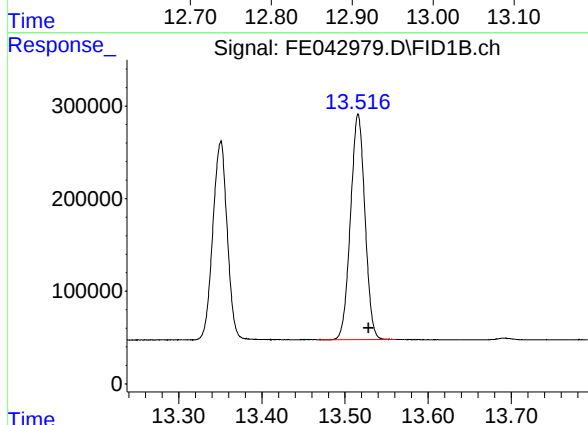
R.T.: 11.913 min
Delta R.T.: -0.013 min
Response: 3469771
Conc: 18.89 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



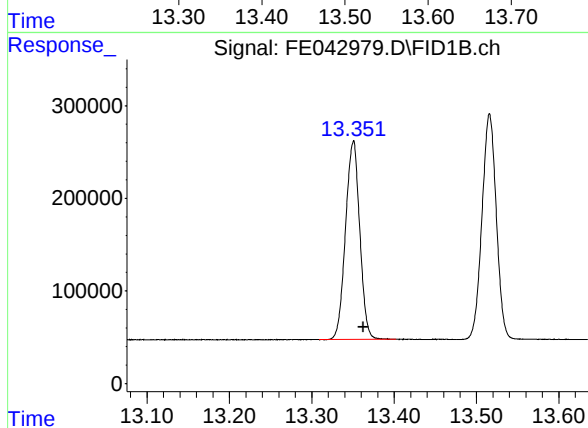
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.012 min
Response: 3014393
Conc: 19.00 ug/ml



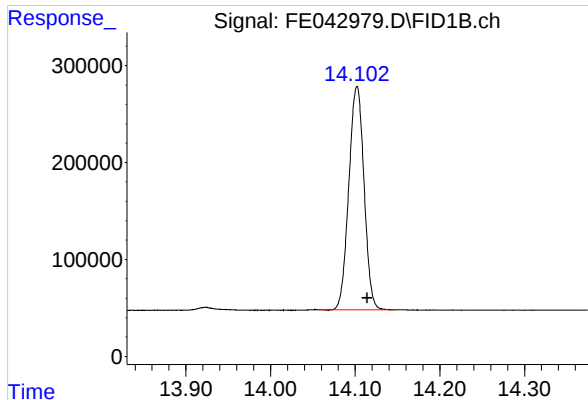
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.013 min
Response: 2932301
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

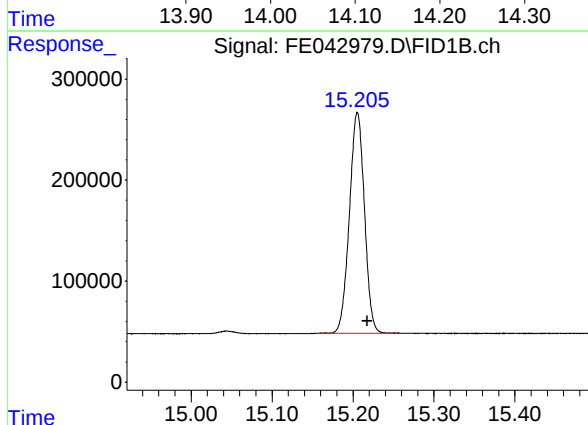
R.T.: 13.351 min
Delta R.T.: -0.012 min
Response: 2565497
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

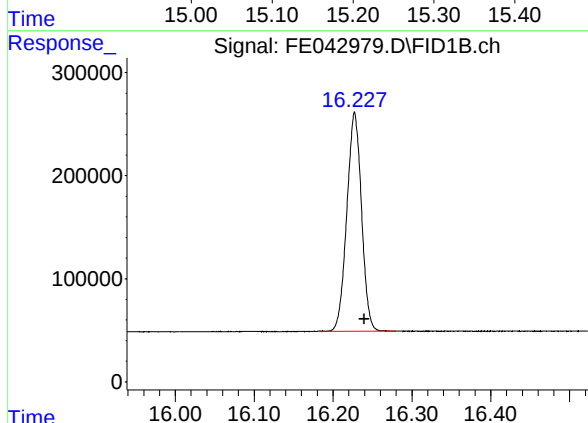
R.T.: 14.102 min
Delta R.T.: -0.012 min
Response: 2880545
Conc: 18.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



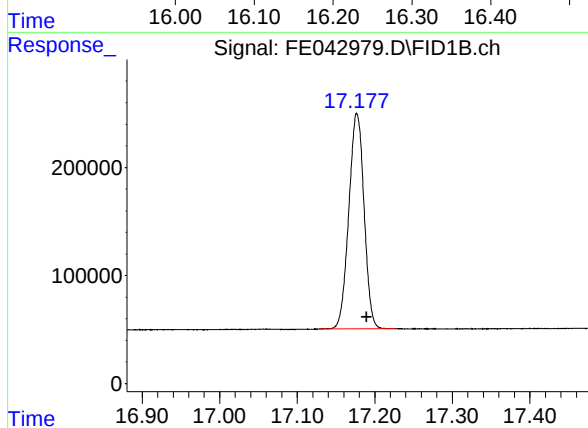
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.012 min
Response: 2824124
Conc: 19.03 ug/ml



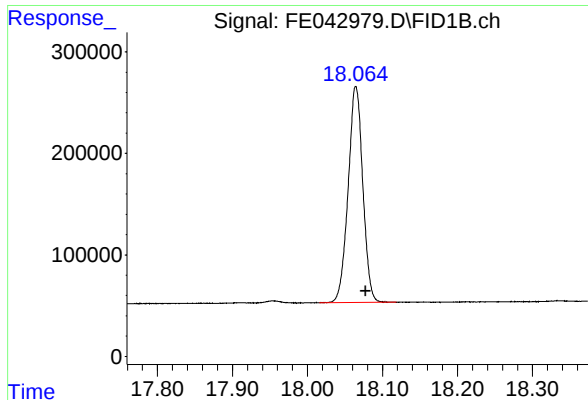
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: -0.012 min
Response: 2745664
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

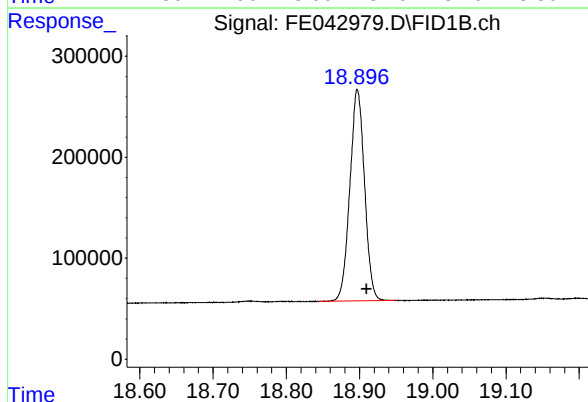
R.T.: 17.177 min
Delta R.T.: -0.013 min
Response: 2727741
Conc: 19.67 ug/ml



#17 n-Tricontane (C30)

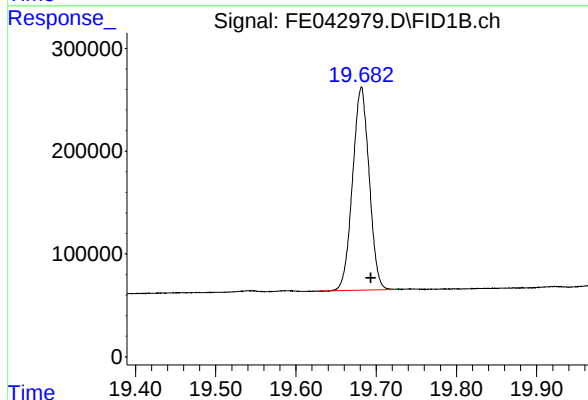
R.T.: 18.064 min
Delta R.T.: -0.013 min
Response: 2889662
Conc: 20.43 ug/ml

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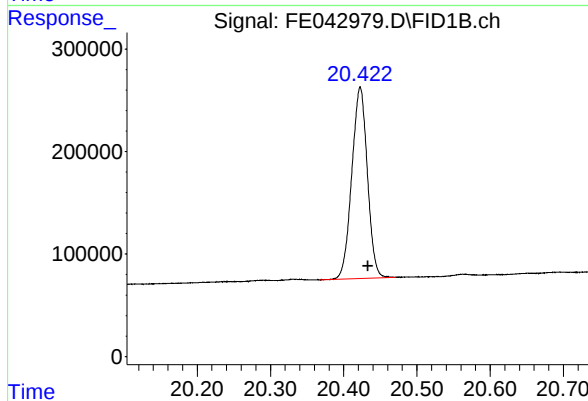
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.013 min
Response: 2915951
Conc: 20.79 ug/ml



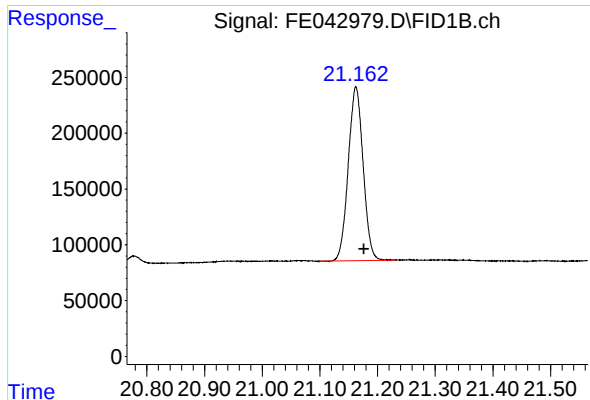
#19 n-Tetatriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.012 min
Response: 2836344
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

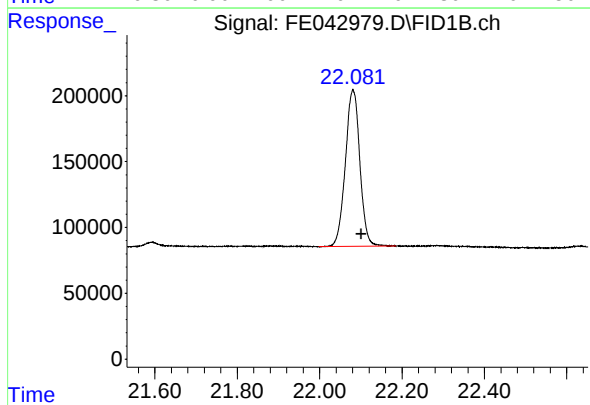
R.T.: 20.423 min
Delta R.T.: -0.011 min
Response: 2751408
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: -0.014 min
Response: 2790641
Conc: 20.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: -0.020 min
Response: 2900298
Conc: 20.85 ug/ml