

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224AL\
 Data File : FE049386.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2024 07:39
 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: Aug 02 11:06:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.899	2752001	17.743 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
12) S 1-chlorooctadecane (S...	13.334	2122602	18.167 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
Target Compounds			
1) T n-Nonane (C9)	3.287	2489422	16.553 ug/ml
2) T n-Decane (C10)	4.537	2640927	17.099 ug/ml
3) T A~Naphthalene (C11.7)	6.244	2676888	17.181 ug/ml
4) T n-Dodecane (C12)	6.704	2629328	17.076 ug/ml
5) T A~2-methylnaphthalene...	7.340	2527913	17.370 ug/ml
6) T n-Tetradecane (C14)	8.532	2643357	17.416 ug/ml
7) T n-Hexadecane (C16)	10.138	2692403	17.753 ug/ml
8) T n-Octadecane (C18)	11.581	2705644	17.820 ug/ml
10) T n-Eicosane (C20)	12.890	2578671	17.832 ug/ml
11) T n-Heneicosane (C21)	13.501	2533024	17.862 ug/ml
13) T n-Docosane (C22)	14.086	2529624	18.005 ug/ml
14) T n-Tetracosane (C24)	15.189	2581555	18.420 ug/ml
15) T n-Hexacosane (C26)	16.208	2590462	18.474 ug/ml
16) T n-Octacosane (C28)	17.157	2751914	19.661 ug/ml
17) T n-Tricontane (C30)	18.045	3163682	21.688 ug/ml
18) T n-Dotriacontane (C32)	18.877	3354963	22.817 ug/ml
19) T n-Tetratriacontane (C34)	19.659	3246799	22.228 ug/ml
20) T n-Hexatriacontane (C36)	20.398	3066689	21.273 ug/ml
21) T n-Octatriacontane (C38)	21.129	2917683	19.491 ug/ml
22) T n-Tetracontane (C40)	22.029	2773168	18.377 ug/ml

(f)=RT Delta > 1/2 Window

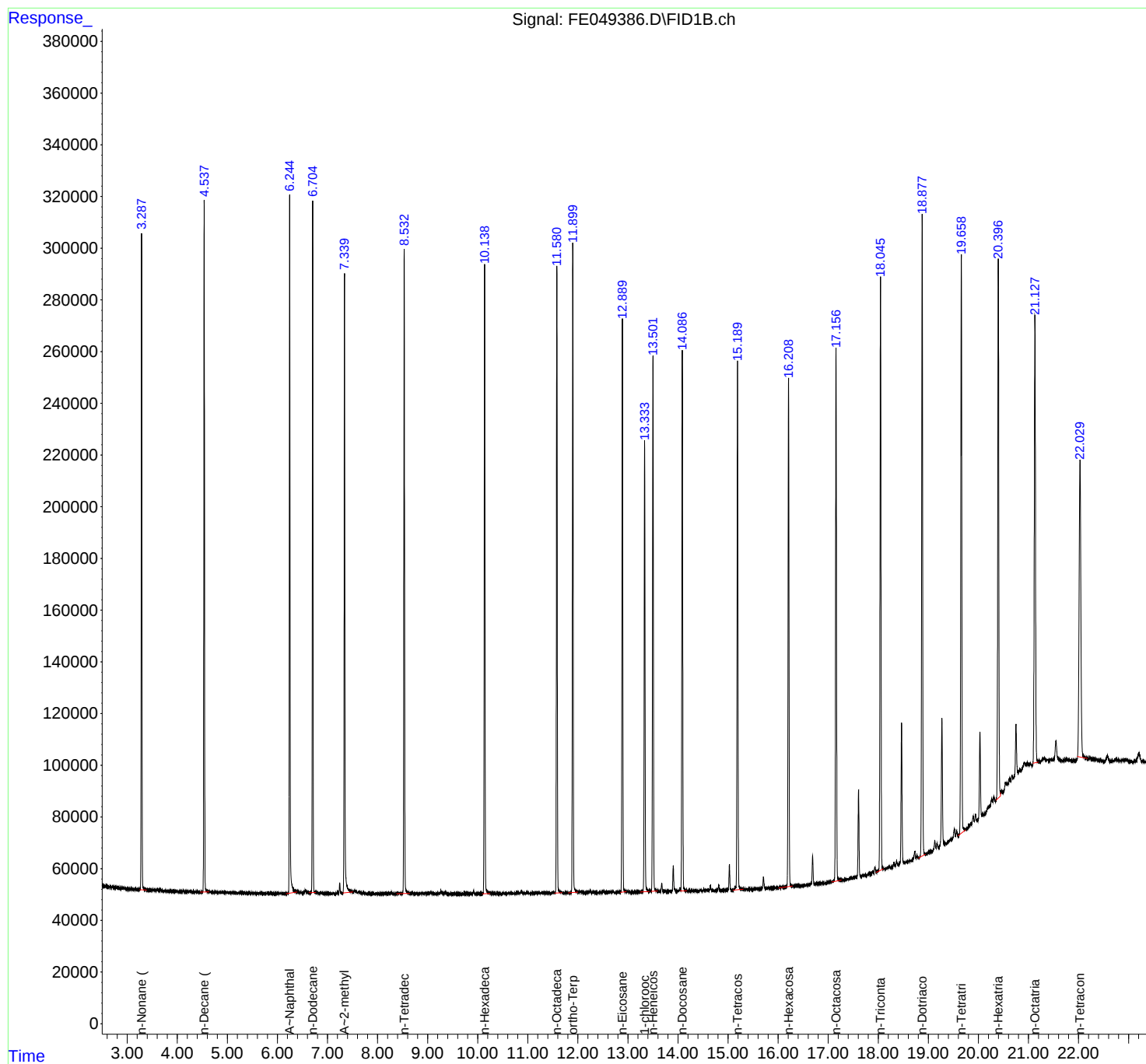
(m)=manual int.

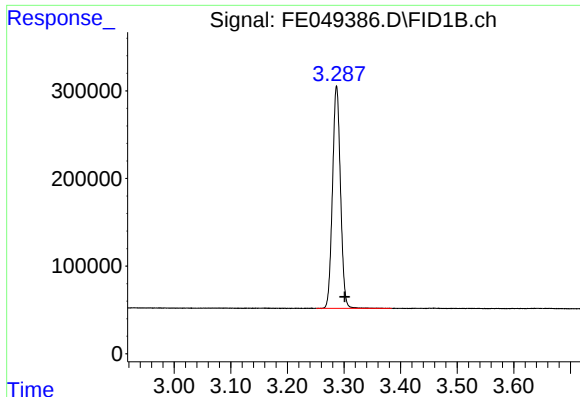
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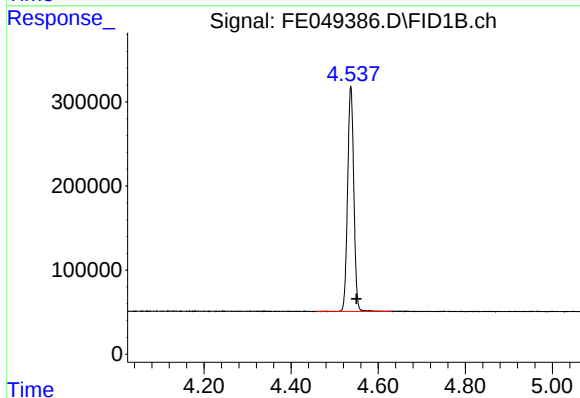




#1 n-Nonane (C9)

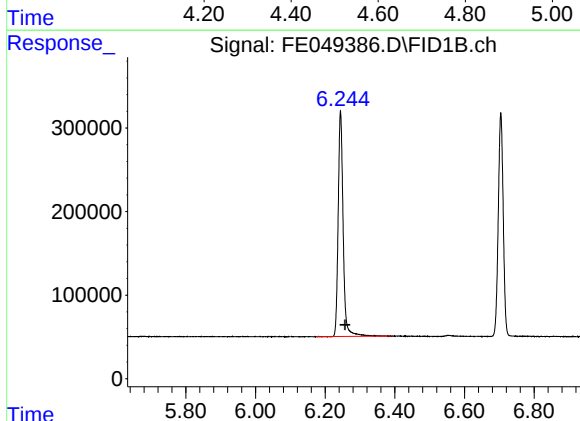
R.T.: 3.287 min
Delta R.T.: -0.014 min
Response: 2489422
Conc: 16.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



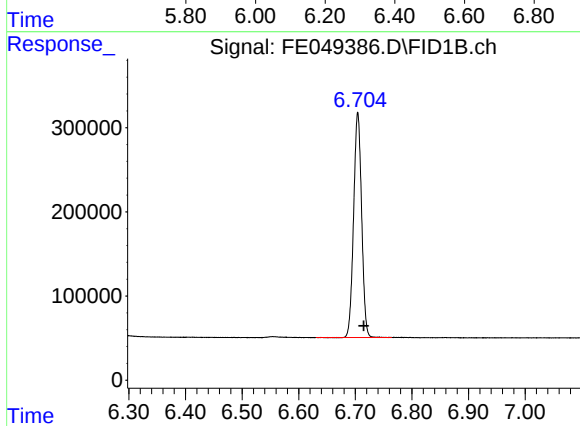
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.013 min
Response: 2640927
Conc: 17.10 ug/ml



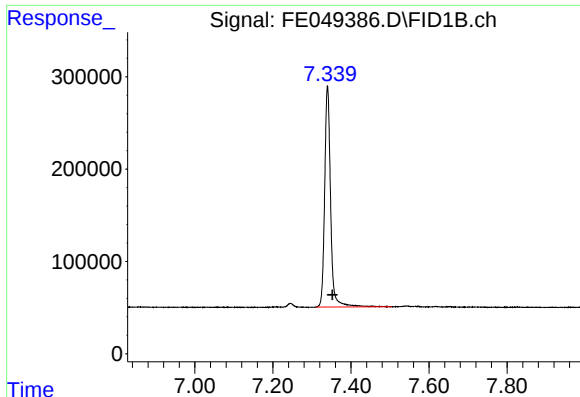
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.012 min
Response: 2676888
Conc: 17.18 ug/ml



#4 n-Dodecane (C12)

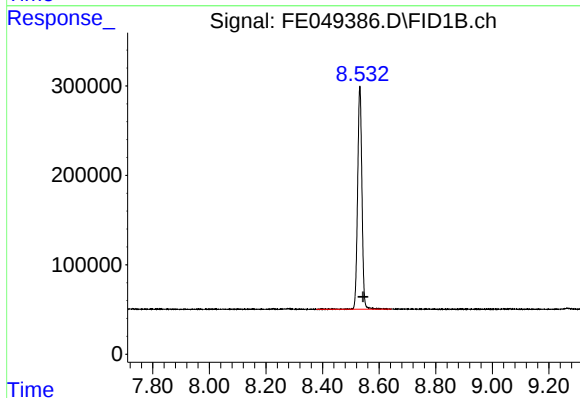
R.T.: 6.704 min
Delta R.T.: -0.011 min
Response: 2629328
Conc: 17.08 ug/ml



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

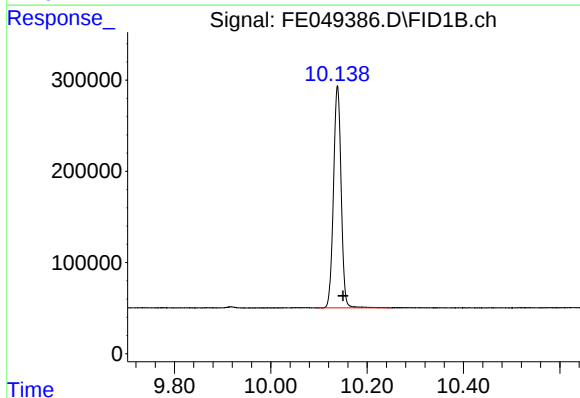
R.T.: 7.340 min
Delta R.T.: -0.012 min
Response: 2527913
Conc: 17.37 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



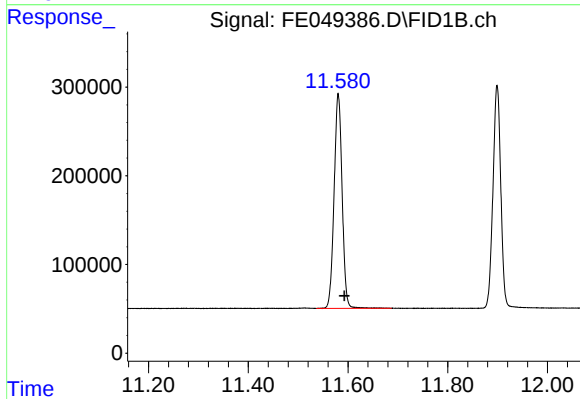
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.011 min
Response: 2643357
Conc: 17.42 ug/ml



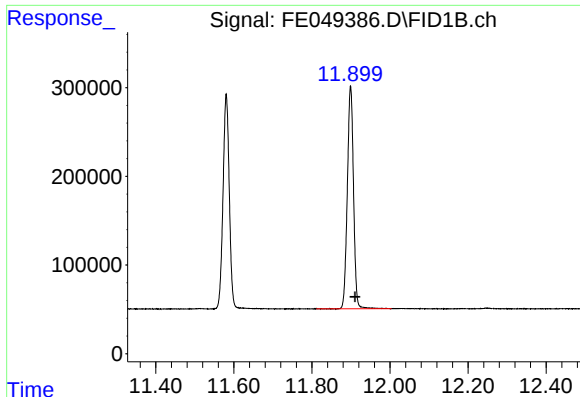
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.011 min
Response: 2692403
Conc: 17.75 ug/ml



#8 n-Octadecane (C18)

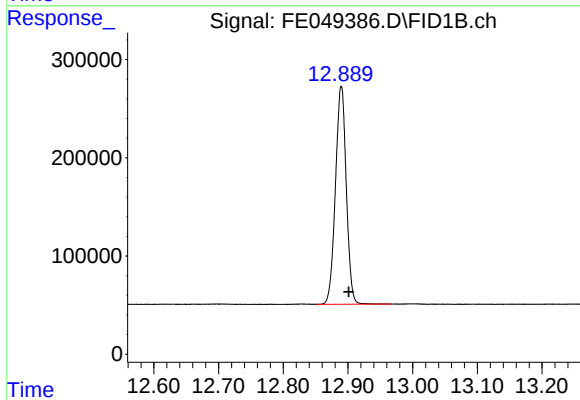
R.T.: 11.581 min
Delta R.T.: -0.012 min
Response: 2705644
Conc: 17.82 ug/ml



#9 ortho-Terphenyl (SURR)

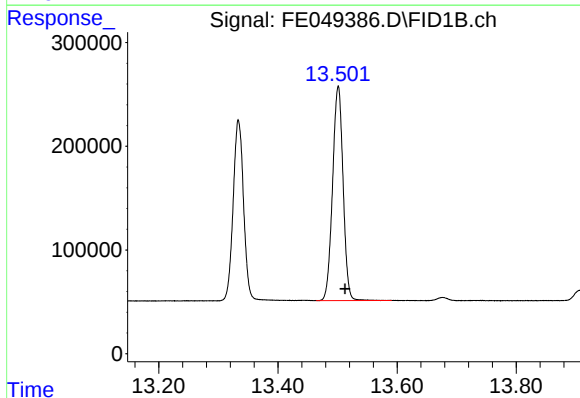
R.T.: 11.899 min
Delta R.T.: -0.012 min
Response: 2752001
Conc: 17.74 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



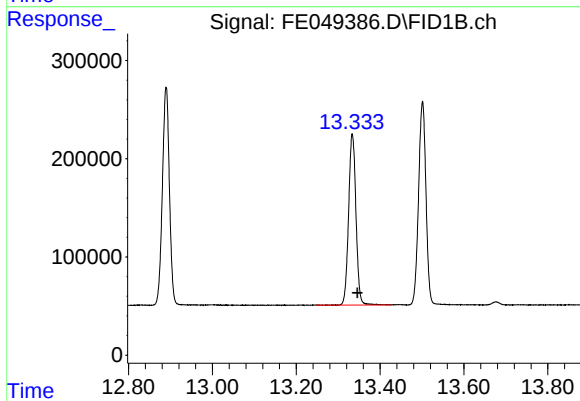
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: -0.011 min
Response: 2578671
Conc: 17.83 ug/ml



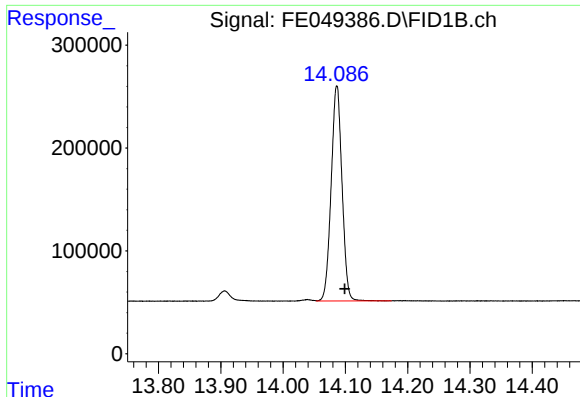
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.012 min
Response: 2533024
Conc: 17.86 ug/ml



#12 1-chlorooctadecane (SURR)

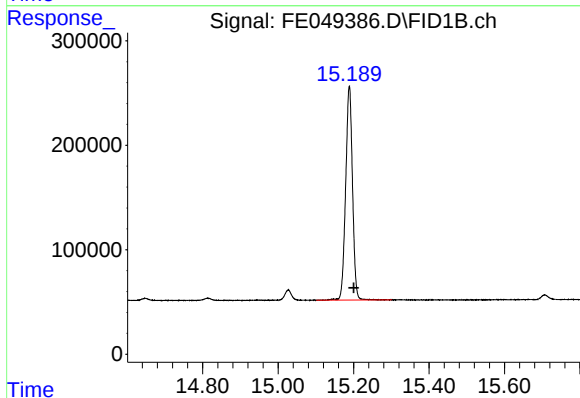
R.T.: 13.334 min
Delta R.T.: -0.012 min
Response: 2122602
Conc: 18.17 ug/ml



#13 n-Docosane (C22)

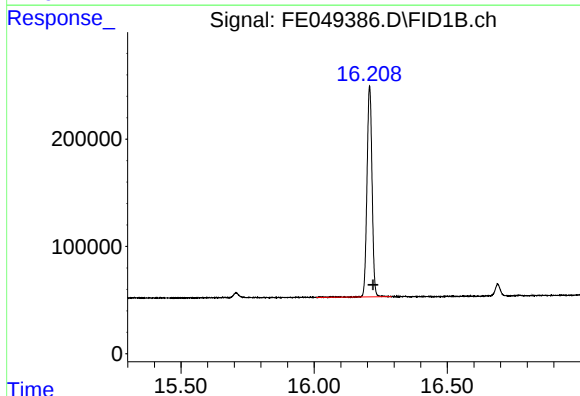
R.T.: 14.086 min
Delta R.T.: -0.013 min
Response: 2529624
Conc: 18.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



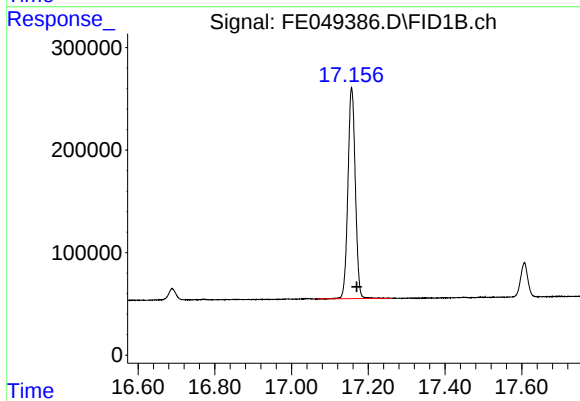
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.012 min
Response: 2581555
Conc: 18.42 ug/ml



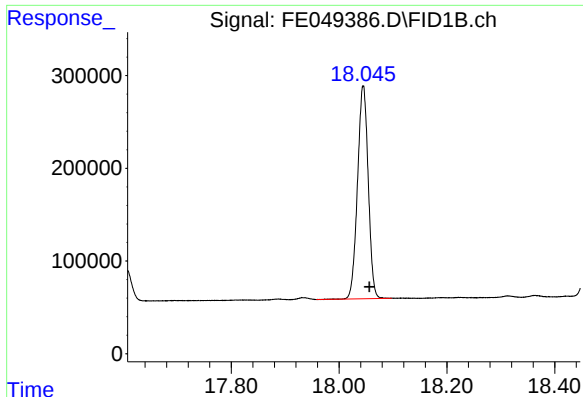
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.013 min
Response: 2590462
Conc: 18.47 ug/ml



#16 n-Octacosane (C28)

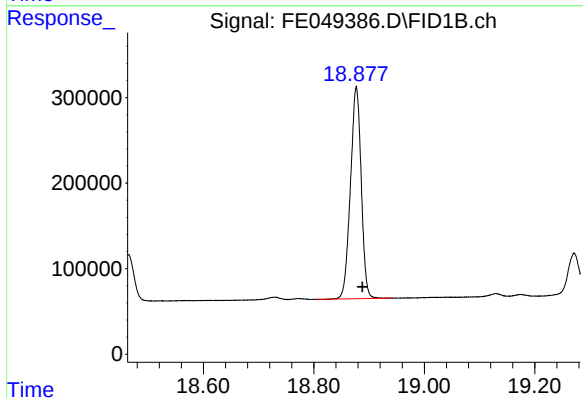
R.T.: 17.157 min
Delta R.T.: -0.013 min
Response: 2751914
Conc: 19.66 ug/ml



#17 n-Tricontane (C30)

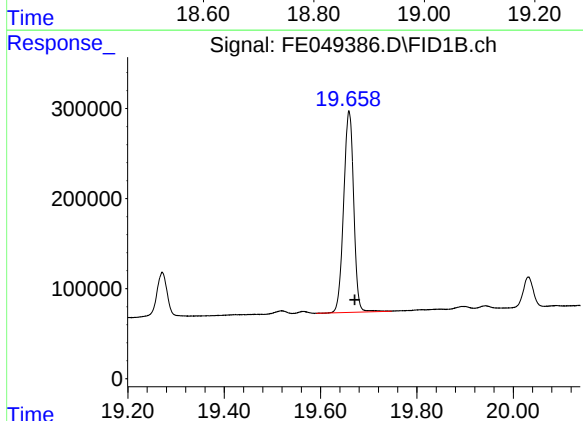
R.T.: 18.045 min
Delta R.T.: -0.012 min
Response: 3163682
Conc: 21.69 ug/ml

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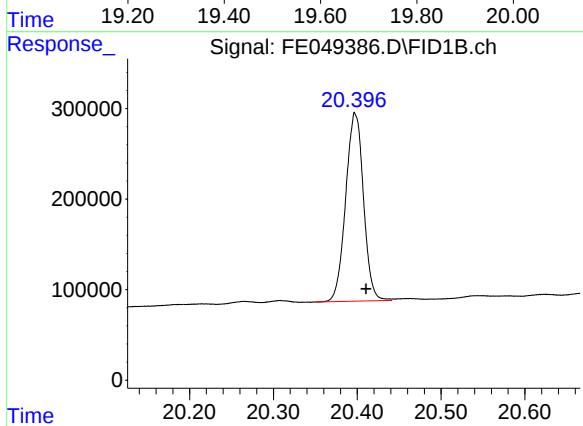
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.011 min
Response: 3354963
Conc: 22.82 ug/ml



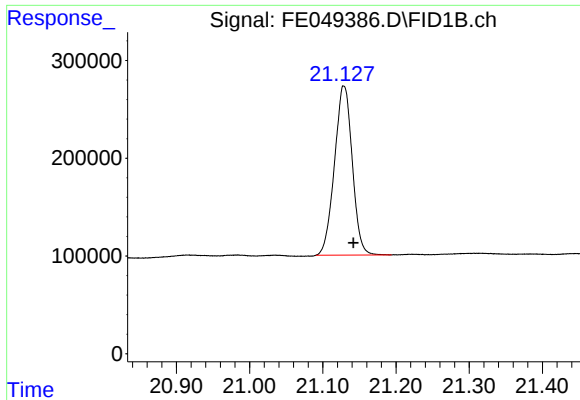
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: -0.012 min
Response: 3246799
Conc: 22.23 ug/ml



#20 n-Hexatriacontane (C36)

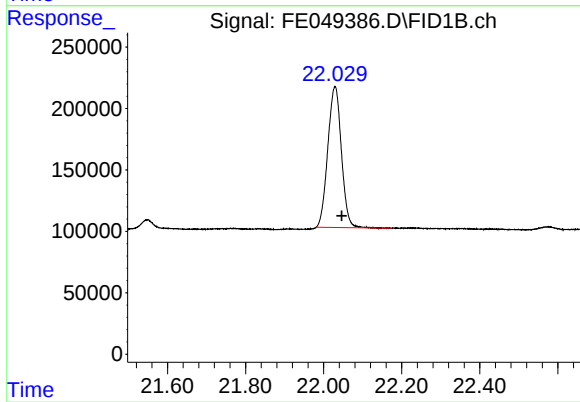
R.T.: 20.398 min
Delta R.T.: -0.013 min
Response: 3066689
Conc: 21.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.013 min
Response: 2917683
Conc: 19.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: -0.018 min
Response: 2773168
Conc: 18.38 ug/ml