

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061824AL\
 Data File : FE048759.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2024 07:52
 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 19 01:20:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.939	2677880	18.649 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
12) S 1-chlorooctadecane (S...	13.373	1997574	18.336 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
Target Compounds			
1) T n-Nonane (C9)	3.327	2400008	16.053 ug/ml
2) T n-Decane (C10)	4.576	2623085	17.371 ug/ml
3) T A~Naphthalene (C11.7)	6.282	2581607	17.338 ug/ml
4) T n-Dodecane (C12)	6.741	2636357	17.810 ug/ml
5) T A~2-methylnaphthalene...	7.378	2463854	17.770 ug/ml
6) T n-Tetradecane (C14)	8.568	2574523	18.152 ug/ml
7) T n-Hexadecane (C16)	10.176	2620951	18.591 ug/ml
8) T n-Octadecane (C18)	11.619	2613798	18.820 ug/ml
10) T n-Eicosane (C20)	12.928	2472533	18.684 ug/ml
11) T n-Heneicosane (C21)	13.539	2410298	18.608 ug/ml
13) T n-Docosane (C22)	14.125	2409518	18.698 ug/ml
14) T n-Tetracosane (C24)	15.227	2450483	18.915 ug/ml
15) T n-Hexacosane (C26)	16.247	2487591	19.193 ug/ml
16) T n-Octacosane (C28)	17.196	2635960	20.394 ug/ml
17) T n-Tricontane (C30)	18.083	2997172	22.373 ug/ml
18) T n-Dotriacontane (C32)	18.915	3145482	23.173 ug/ml
19) T n-Tetratriacontane (C34)	19.698	2944348	21.523 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2736089	20.128 ug/ml
21) T n-Octatriacontane (C38)	21.171	2588310	18.980 ug/ml
22) T n-Tetracontane (C40)	22.084	2551392	18.634 ug/ml

(f)=RT Delta > 1/2 Window

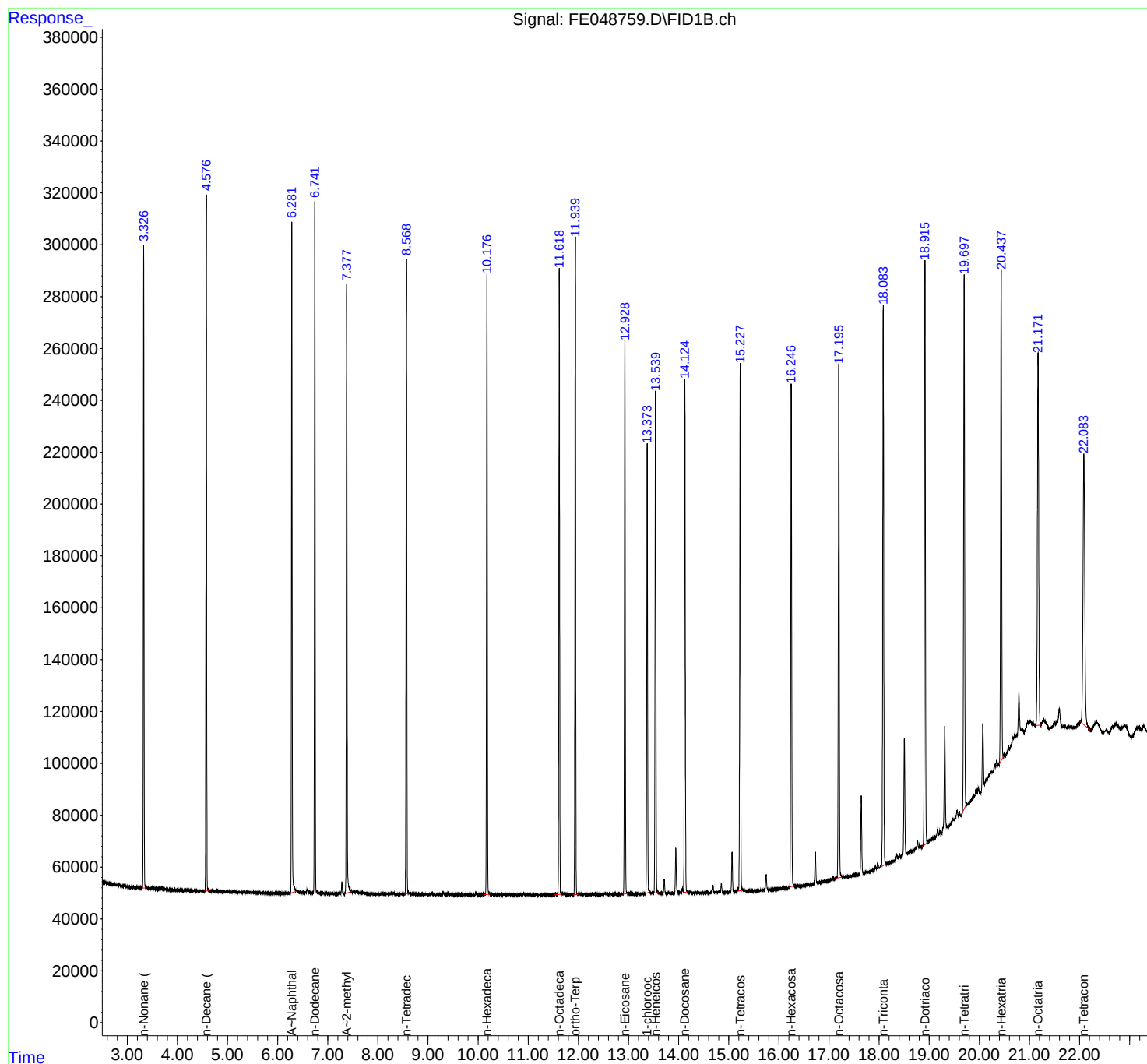
(m)=manual int.

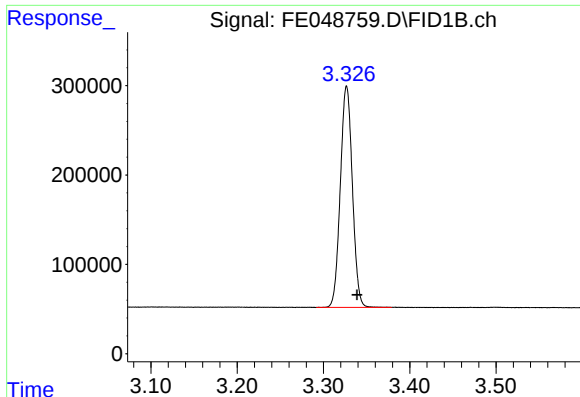
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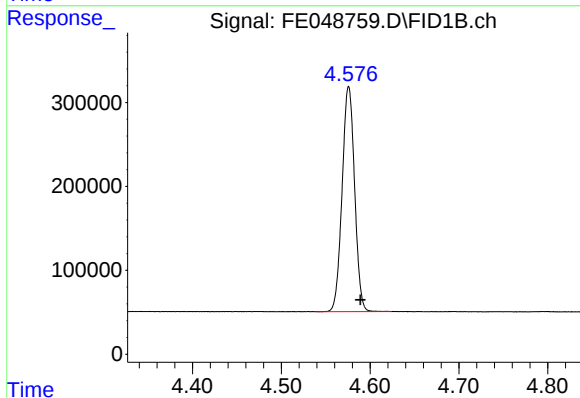




#1 n-Nonane (C9)

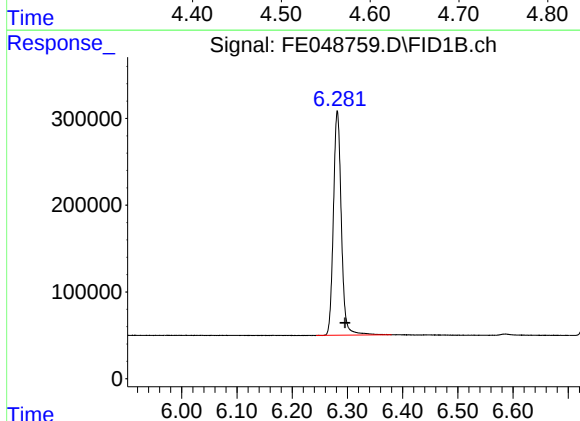
R.T.: 3.327 min
Delta R.T.: -0.012 min
Response: 2400008
Conc: 16.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



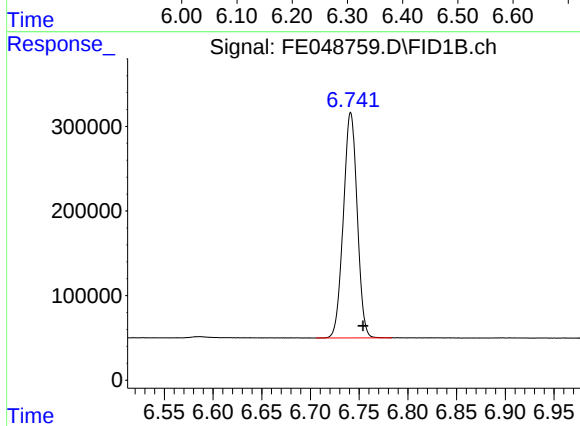
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.013 min
Response: 2623085
Conc: 17.37 ug/ml



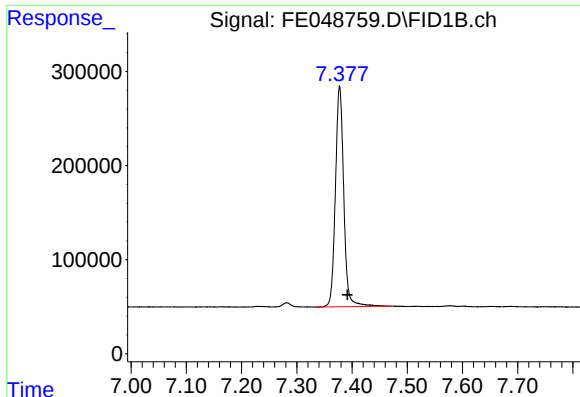
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.014 min
Response: 2581607
Conc: 17.34 ug/ml



#4 n-Dodecane (C12)

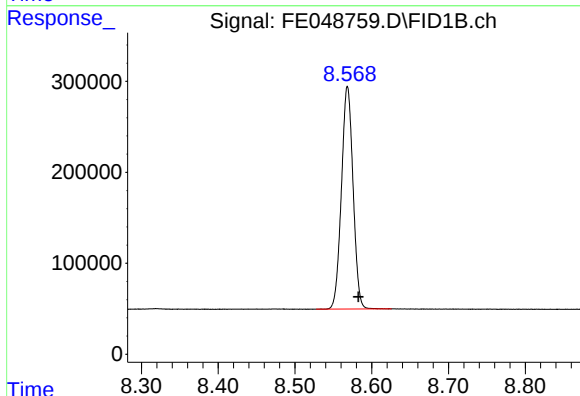
R.T.: 6.741 min
Delta R.T.: -0.013 min
Response: 2636357
Conc: 17.81 ug/ml



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

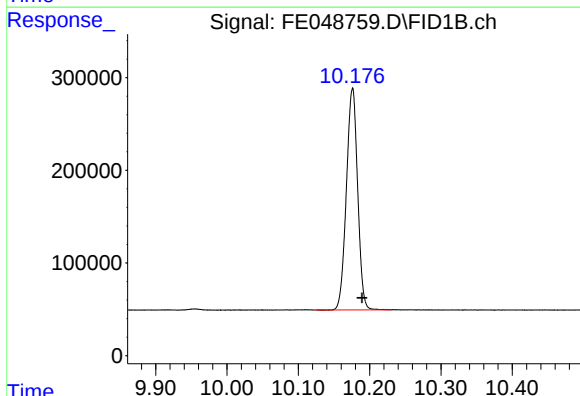
R.T.: 7.378 min
Delta R.T.: -0.014 min
Response: 2463854
Conc: 17.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



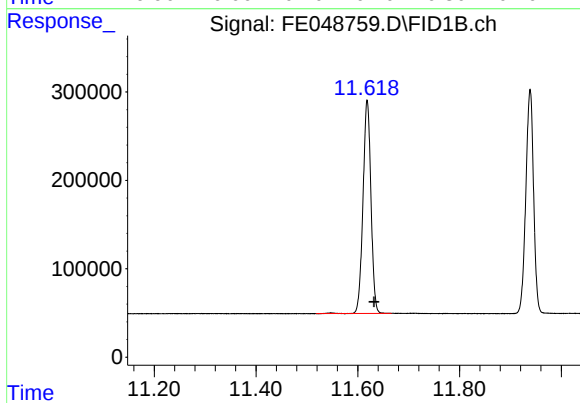
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.014 min
Response: 2574523
Conc: 18.15 ug/ml



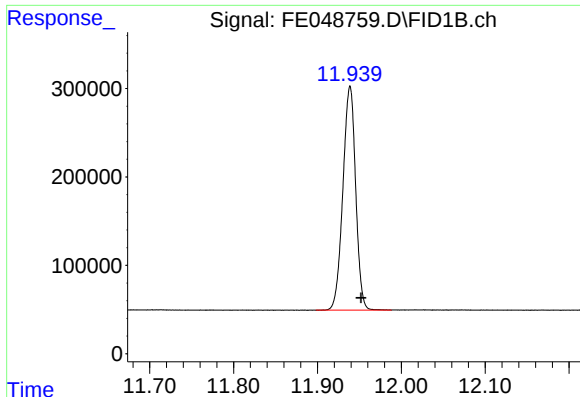
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.013 min
Response: 2620951
Conc: 18.59 ug/ml



#8 n-Octadecane (C18)

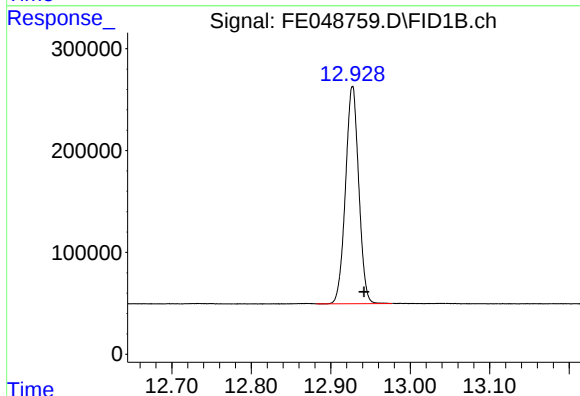
R.T.: 11.619 min
Delta R.T.: -0.013 min
Response: 2613798
Conc: 18.82 ug/ml



#9 ortho-Terphenyl (SURR)

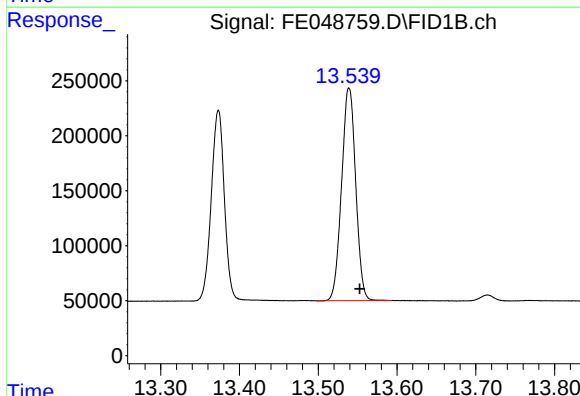
R.T.: 11.939 min
Delta R.T.: -0.013 min
Response: 2677880
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



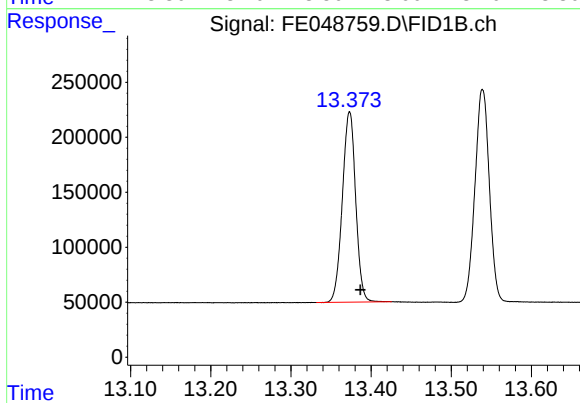
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.014 min
Response: 2472533
Conc: 18.68 ug/ml



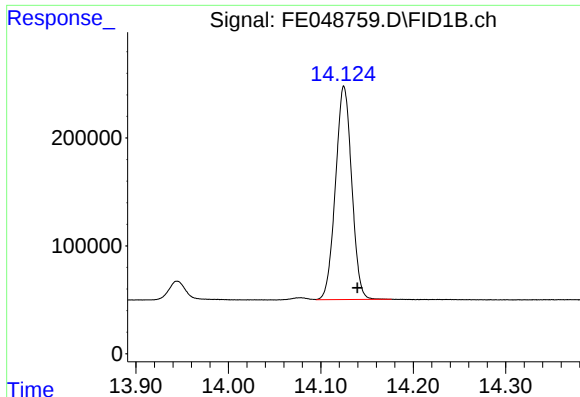
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.014 min
Response: 2410298
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

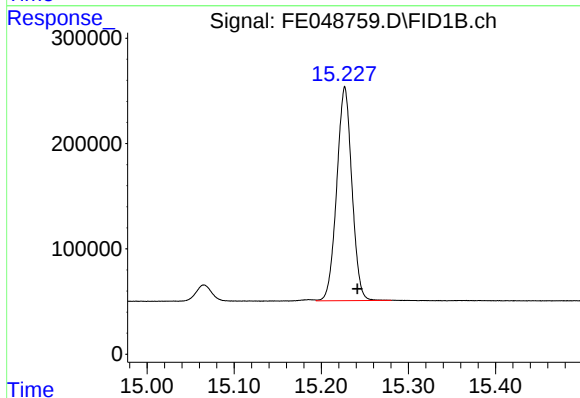
R.T.: 13.373 min
Delta R.T.: -0.014 min
Response: 1997574
Conc: 18.34 ug/ml



#13 n-Docosane (C22)

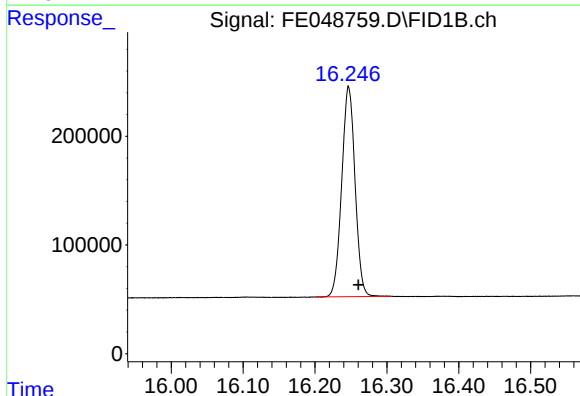
R.T.: 14.125 min
Delta R.T.: -0.014 min
Response: 2409518
Conc: 18.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



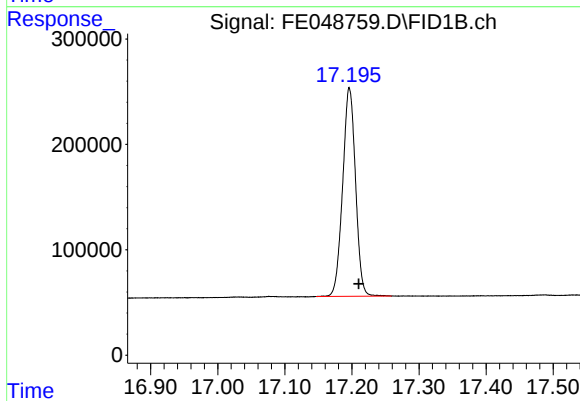
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.015 min
Response: 2450483
Conc: 18.92 ug/ml



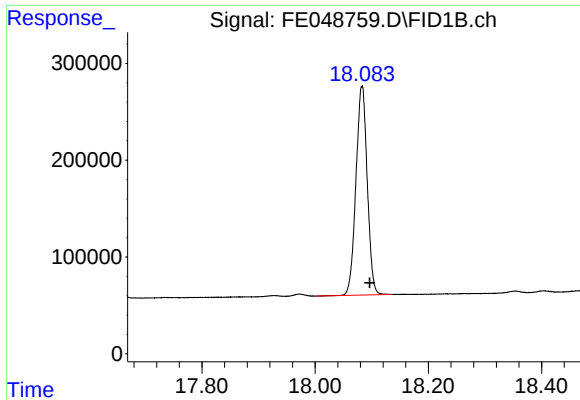
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.014 min
Response: 2487591
Conc: 19.19 ug/ml



#16 n-Octacosane (C28)

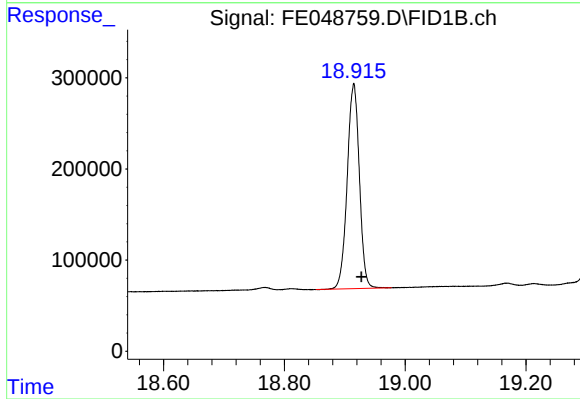
R.T.: 17.196 min
Delta R.T.: -0.014 min
Response: 2635960
Conc: 20.39 ug/ml



#17 n-Tricontane (C30)

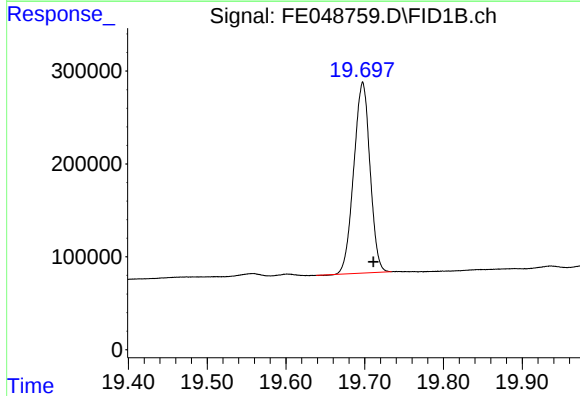
R.T.: 18.083 min
Delta R.T.: -0.013 min
Response: 2997172
Conc: 22.37 ug/ml

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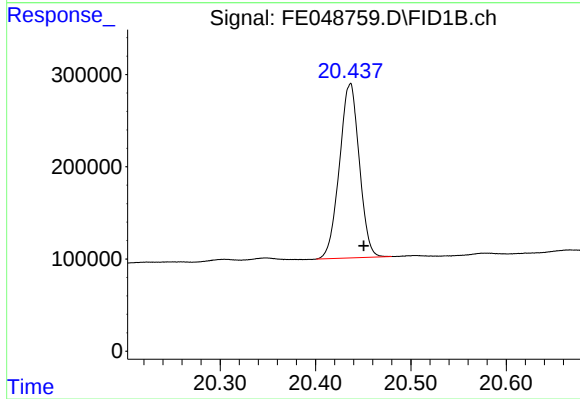
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.013 min
Response: 3145482
Conc: 23.17 ug/ml



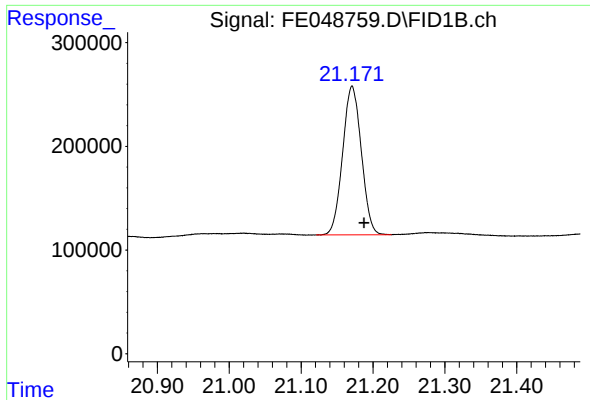
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: -0.014 min
Response: 2944348
Conc: 21.52 ug/ml



#20 n-Hexatriacontane (C36)

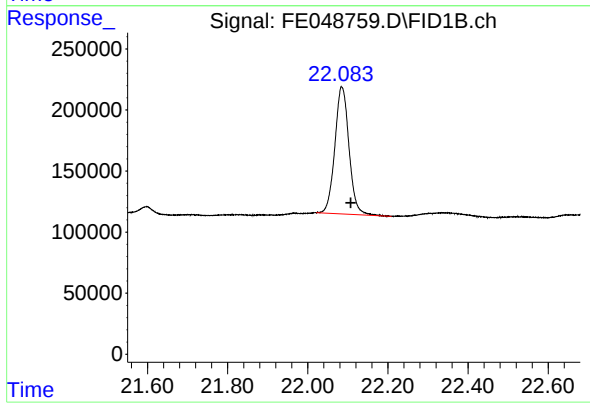
R.T.: 20.436 min
Delta R.T.: -0.014 min
Response: 2736089
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.017 min
Response: 2588310
Conc: 18.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.023 min
Response: 2551392
Conc: 18.63 ug/ml