

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071423AL\
 Data File : FF013068.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2023 18:40
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 15 01:48:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:48:09 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)	10.859	8458654	46.166 ug/ml
Spiked Amount 50.000		Recovery =	92.33%
12) S 1-chlorooctadecane (S...	12.289	6432437	46.223 ug/ml
Spiked Amount 50.000		Recovery =	92.45%
Target Compounds			
1) T n-Nonane (C9)	2.734	6343948	46.191 ug/ml
2) T n-Decane (C10)	3.737	6485350	46.137 ug/ml
3) T A~Naphthalene (C11.7)	5.298	7108783	46.241 ug/ml
4) T n-Dodecane (C12)	5.719	6720506	46.048 ug/ml
5) T A~2-methylnaphthalene...	6.347	6672177	46.416 ug/ml
6) T n-Tetradecane (C14)	7.507	6763130	46.212 ug/ml
7) T n-Hexadecane (C16)	9.102	7136408	46.329 ug/ml
8) T n-Octadecane (C18)	10.540	7412364	46.182 ug/ml
10) T n-Eicosane (C20)	11.845	7300672	46.131 ug/ml
11) T n-Heneicosane (C21)	12.455	7244444	46.153 ug/ml
13) T n-Docosane (C22)	13.039	7252595	45.821 ug/ml
14) T n-Tetracosane (C24)	14.138	7267758	45.572 ug/ml
15) T n-Hexacosane (C26)	15.155	7141545	45.363 ug/ml
16) T n-Octacosane (C28)	16.103	6940828	45.148 ug/ml
17) T n-Tricontane (C30)	16.988	6933793	45.078 ug/ml
18) T n-Dotriacontane (C32)	17.818	6683932	45.245 ug/ml
19) T n-Tetratriacontane (C34)	18.599	6295074	45.400 ug/ml
20) T n-Hexatriacontane (C36)	19.337	5937832	45.644 ug/ml
21) T n-Octatriacontane (C38)	20.055	5650194	45.870 ug/ml
22) T n-Tetracontane (C40)	20.928	5254743	45.791 ug/ml

(f)=RT Delta > 1/2 Window

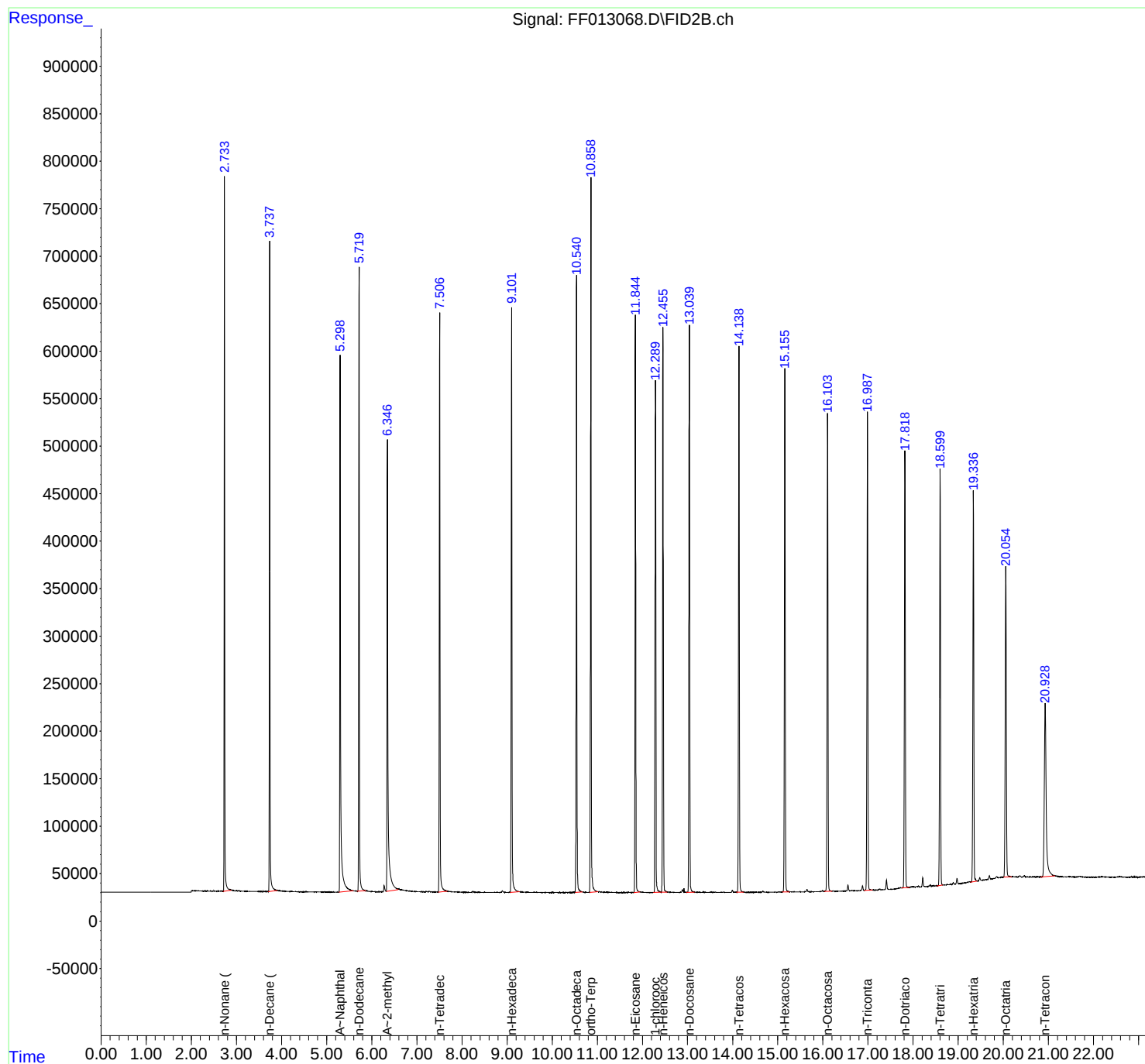
(m)=manual int.

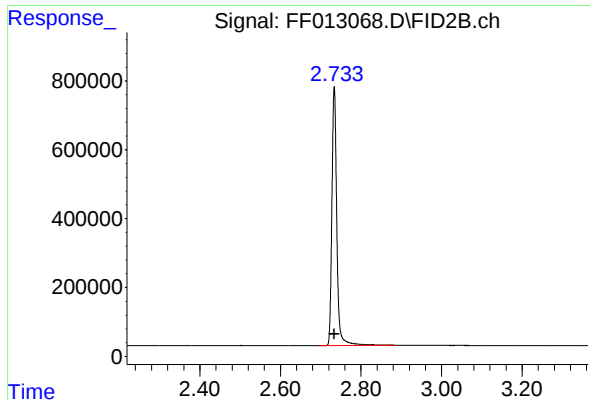
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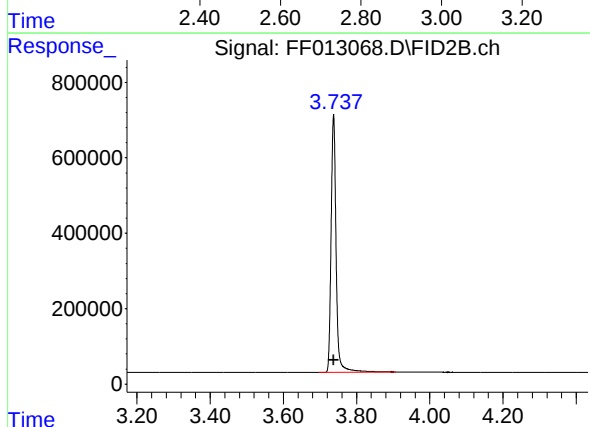




#1 n-Nonane (C9)

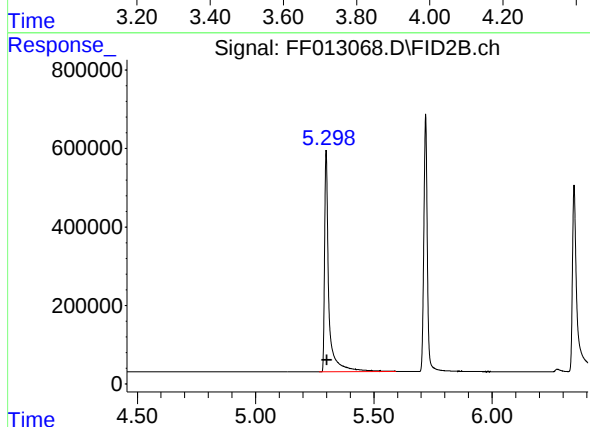
R.T.: 2.734 min
Delta R.T.: 0.000 min
Response: 6343948
Conc: 46.19 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



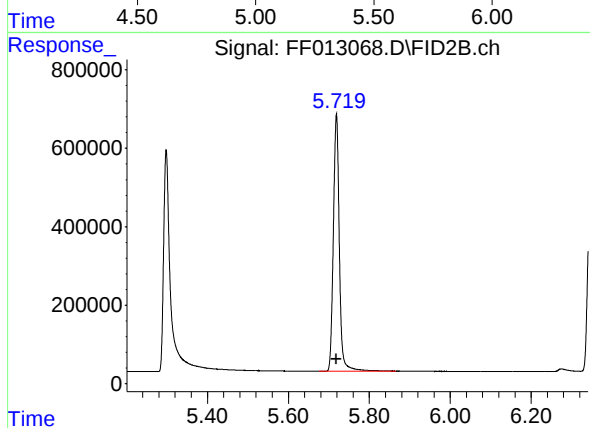
#2 n-Decane (C10)

R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 6485350
Conc: 46.14 ug/ml



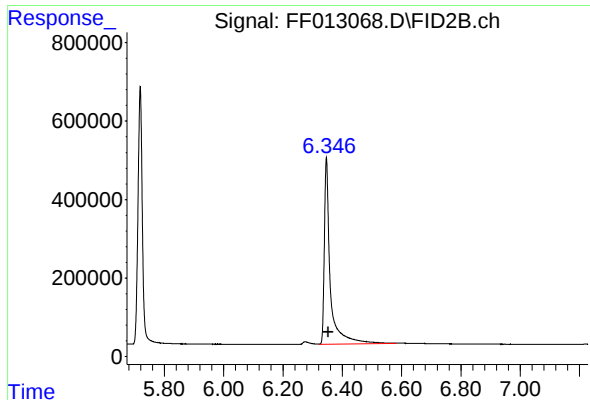
#3 A~Naphthalene (C11.7)

R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 7108783
Conc: 46.24 ug/ml



#4 n-Dodecane (C12)

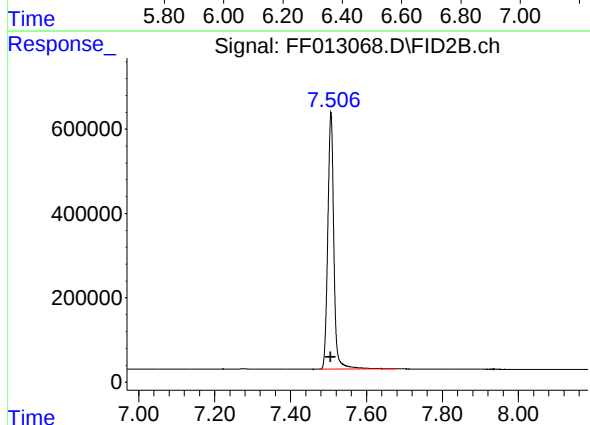
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 6720506
Conc: 46.05 ug/ml



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

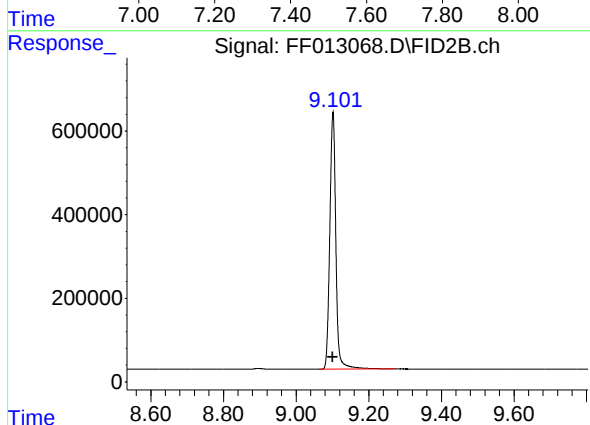
R.T.: 6.347 min
Delta R.T.: -0.007 min
Response: 6672177
Conc: 46.42 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



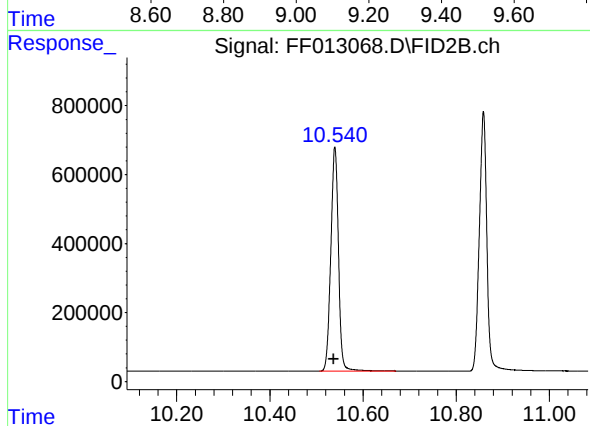
#6 n-Tetradecane (C14)

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 6763130
Conc: 46.21 ug/ml



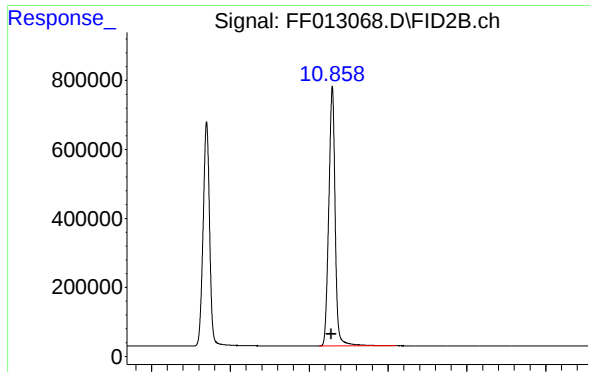
#7 n-Hexadecane (C16)

R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 7136408
Conc: 46.33 ug/ml



#8 n-Octadecane (C18)

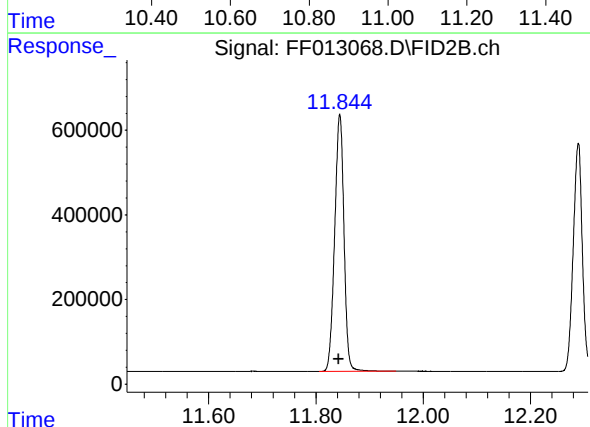
R.T.: 10.540 min
Delta R.T.: 0.002 min
Response: 7412364
Conc: 46.18 ug/ml



#9 ortho-Terphenyl (SURR)

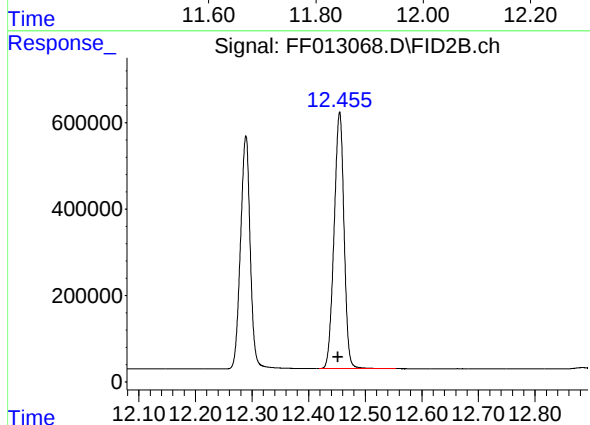
R.T.: 10.859 min
Delta R.T.: 0.003 min
Response: 8458654
Conc: 46.17 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



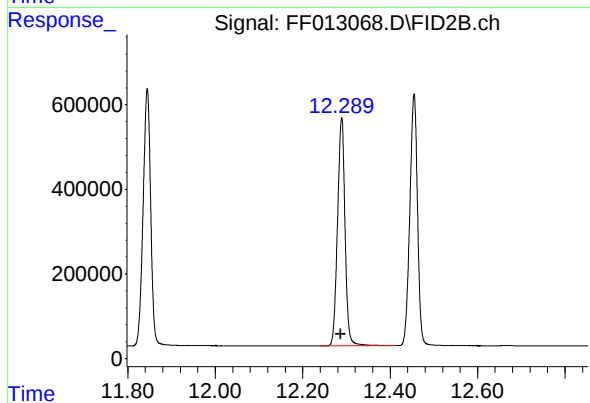
#10 n-Eicosane (C20)

R.T.: 11.845 min
Delta R.T.: 0.002 min
Response: 7300672
Conc: 46.13 ug/ml



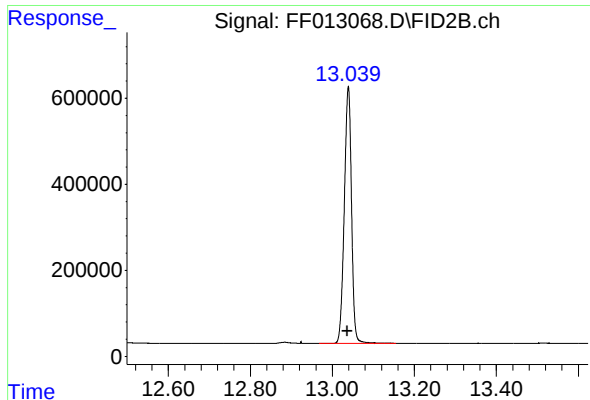
#11 n-Heneicosane (C21)

R.T.: 12.455 min
Delta R.T.: 0.003 min
Response: 7244444
Conc: 46.15 ug/ml



#12 1-chlorooctadecane (SURR)

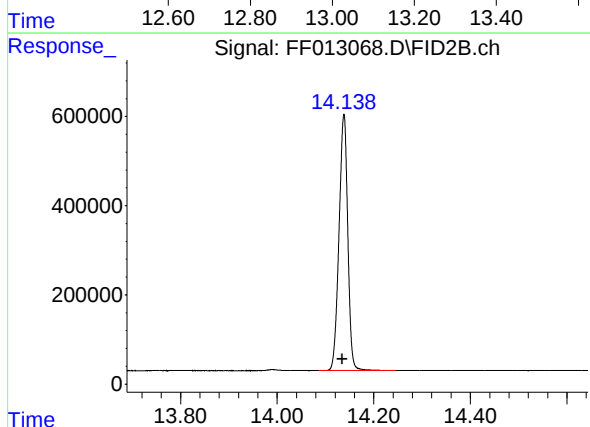
R.T.: 12.289 min
Delta R.T.: 0.002 min
Response: 6432437
Conc: 46.22 ug/ml



#13 n-Docosane (C22)

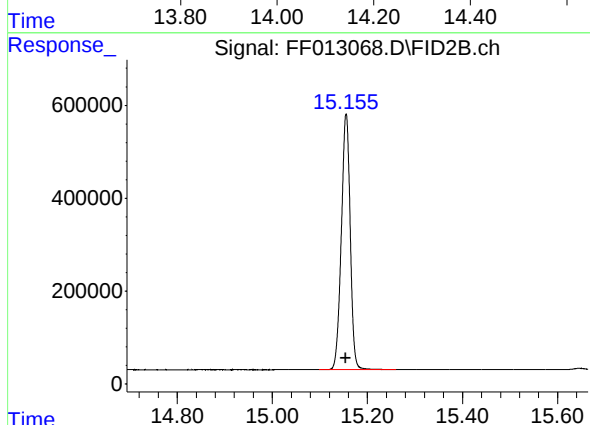
R.T.: 13.039 min
Delta R.T.: 0.002 min
Response: 7252595
Conc: 45.82 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



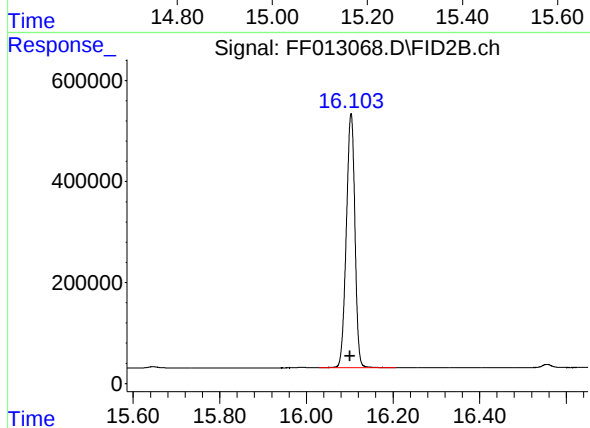
#14 n-Tetracosane (C24)

R.T.: 14.138 min
Delta R.T.: 0.003 min
Response: 7267758
Conc: 45.57 ug/ml



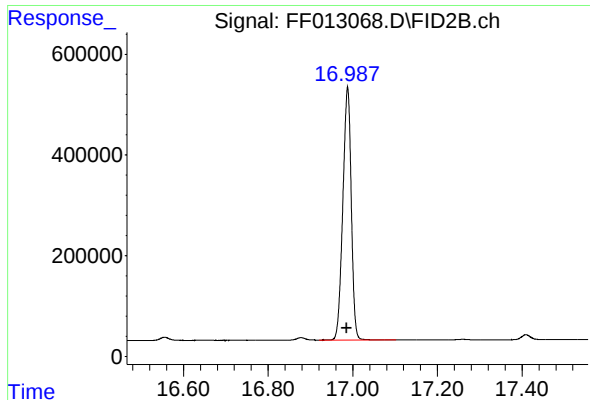
#15 n-Hexacosane (C26)

R.T.: 15.155 min
Delta R.T.: 0.000 min
Response: 7141545
Conc: 45.36 ug/ml



#16 n-Octacosane (C28)

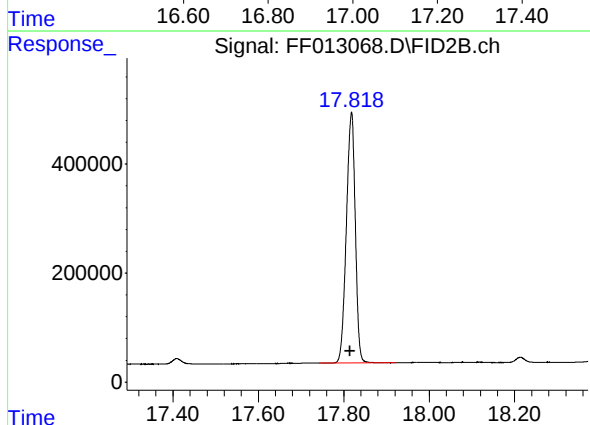
R.T.: 16.103 min
Delta R.T.: 0.002 min
Response: 6940828
Conc: 45.15 ug/ml



#17 n-Tricontane (C30)

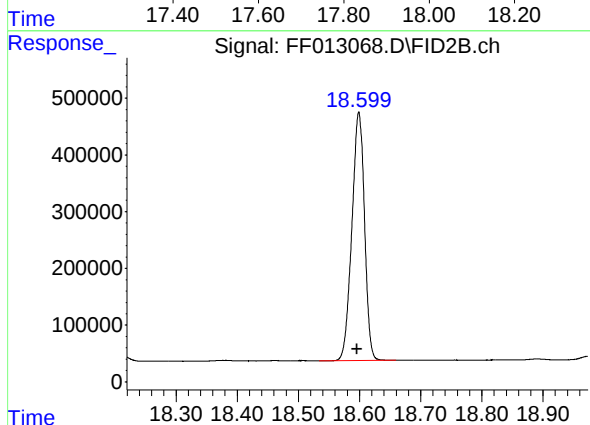
R.T.: 16.988 min
Delta R.T.: 0.002 min
Response: 6933793
Conc: 45.08 ug/ml

Instrument :
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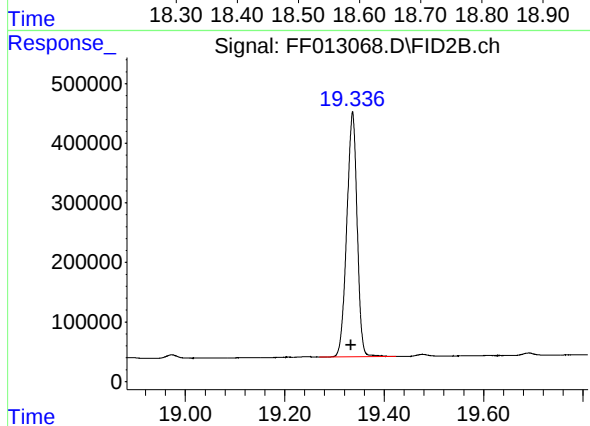
#18 n-Dotriacontane (C32)

R.T.: 17.818 min
Delta R.T.: 0.003 min
Response: 6683932
Conc: 45.25 ug/ml



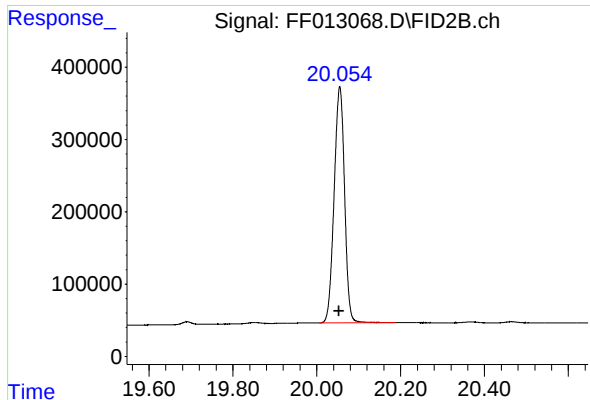
#19 n-Tetatriacontane (C34)

R.T.: 18.599 min
Delta R.T.: 0.003 min
Response: 6295074
Conc: 45.40 ug/ml



#20 n-Hexatriacontane (C36)

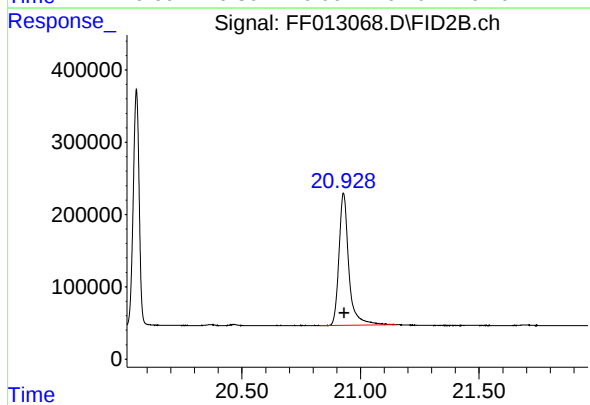
R.T.: 19.337 min
Delta R.T.: 0.003 min
Response: 5937832
Conc: 45.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.055 min
Delta R.T.: 0.002 min
Response: 5650194
Conc: 45.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.928 min
Delta R.T.: -0.004 min
Response: 5254743
Conc: 45.79 ug/ml