

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AL\
 Data File : FF014725.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 01:56
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 22 05:38:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:36:30 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)	11.917	7418656	49.782 ug/ml
Spiked Amount 50.000		Recovery =	99.56%
12) S 1-chlorooctadecane (S...	13.352	5879890	50.020 ug/ml
Spiked Amount 50.000		Recovery =	100.04%
Target Compounds			
1) T n-Nonane (C9)	3.314	6145064	49.804 ug/ml
2) T n-Decane (C10)	4.564	6251409	49.941 ug/ml
3) T A~Naphthalene (C11.7)	6.260	6866011	49.906 ug/ml
4) T n-Dodecane (C12)	6.725	6305705	50.029 ug/ml
5) T A~2-methylnaphthalene...	7.354	6685275	49.976 ug/ml
6) T n-Tetradecane (C14)	8.550	6314538	50.120 ug/ml
7) T n-Hexadecane (C16)	10.156	6616545	50.209 ug/ml
8) T n-Octadecane (C18)	11.599	6806095	50.059 ug/ml
10) T n-Eicosane (C20)	12.908	6703261	49.867 ug/ml
11) T n-Heneicosane (C21)	13.519	6677153	49.964 ug/ml
13) T n-Docosane (C22)	14.104	6718783	49.979 ug/ml
14) T n-Tetracosane (C24)	15.208	6827424	49.854 ug/ml
15) T n-Hexacosane (C26)	16.229	6812430	49.767 ug/ml
16) T n-Octacosane (C28)	17.178	6723688	49.751 ug/ml
17) T n-Tricontane (C30)	18.066	6771405	49.192 ug/ml
18) T n-Dotriacontane (C32)	18.897	6466182	48.054 ug/ml
19) T n-Tetratriacontane (C34)	19.680	5610279	49.022 ug/ml
20) T n-Hexatriacontane (C36)	20.418	4873707	49.307 ug/ml
21) T n-Octatriacontane (C38)	21.152	4379076	49.702 ug/ml
22) T n-Tetracontane (C40)	22.058	4294928	51.228 ug/ml

(f)=RT Delta > 1/2 Window

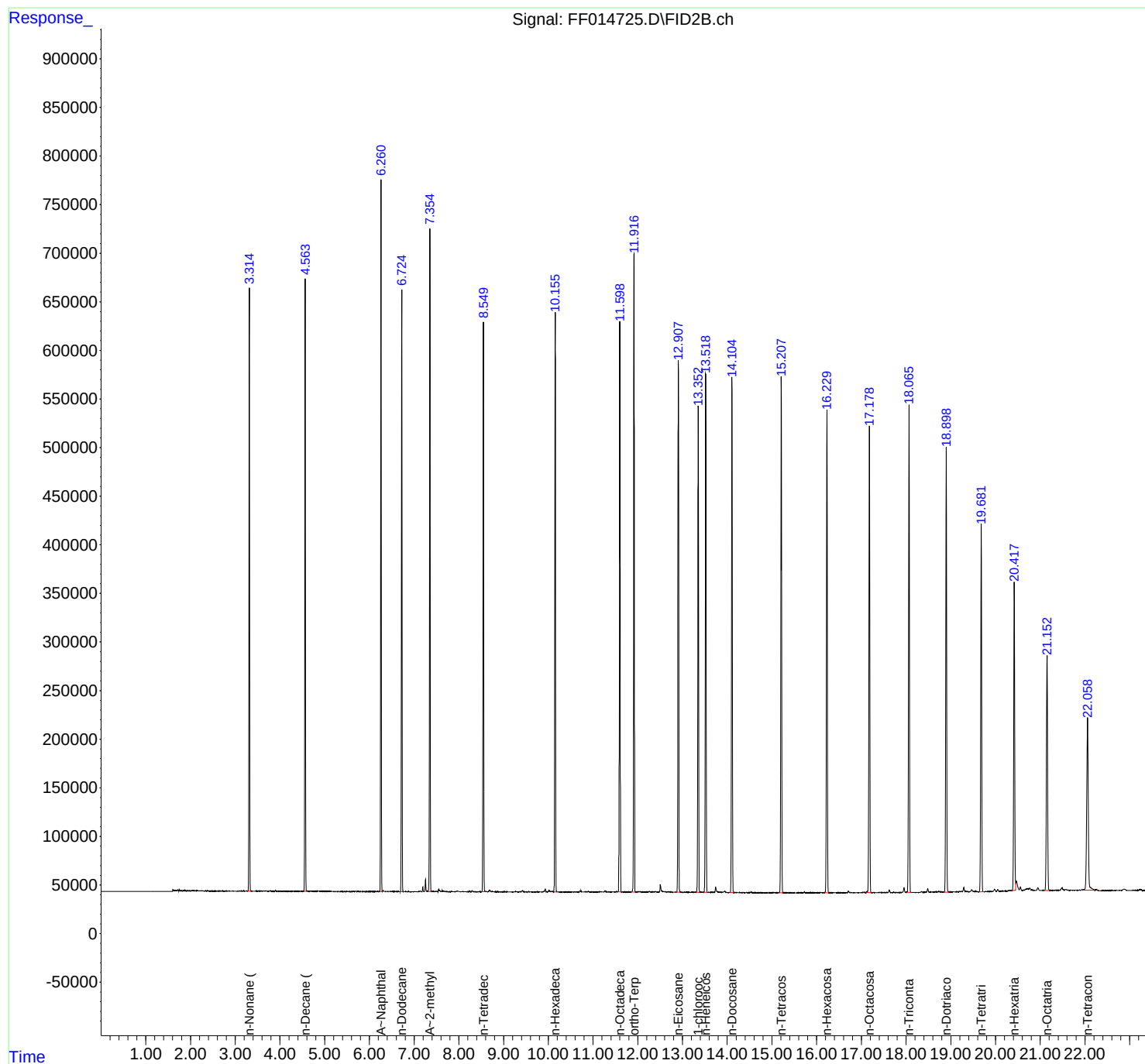
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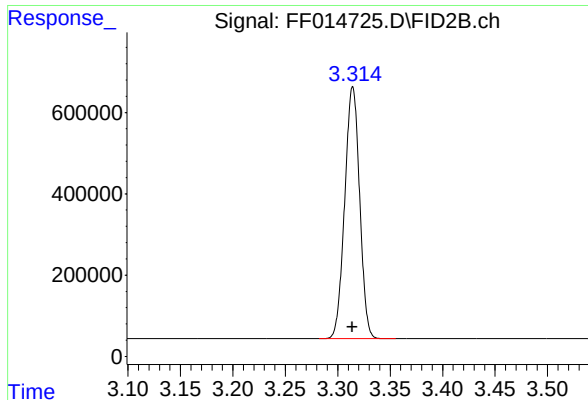
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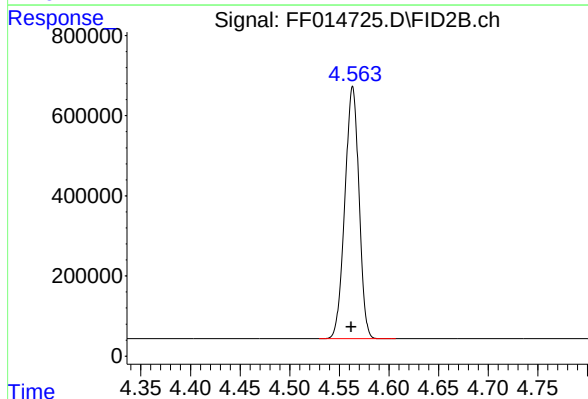




#1 n-Nonane (C9)

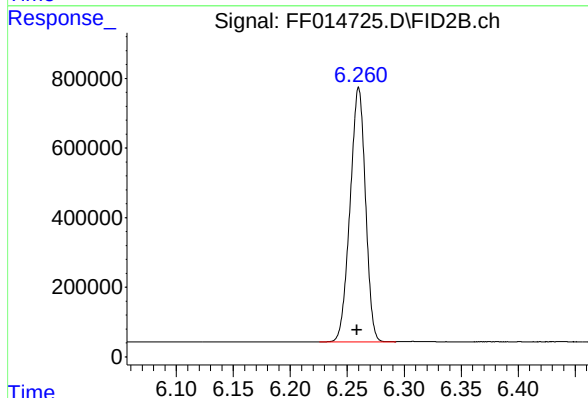
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 6145064
Conc: 49.80 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



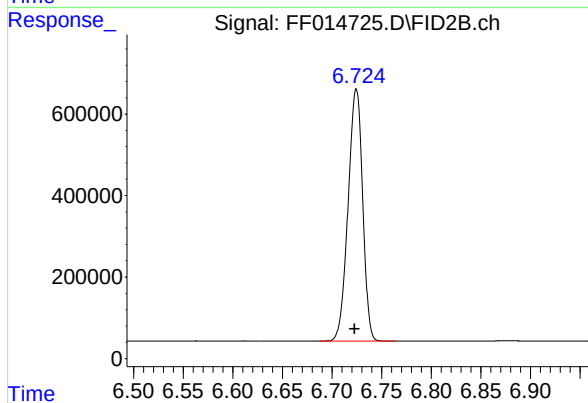
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: 0.001 min
Response: 6251409
Conc: 49.94 ug/ml



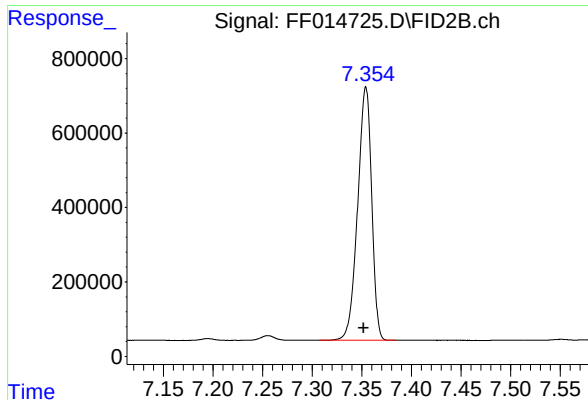
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: 0.002 min
Response: 6866011
Conc: 49.91 ug/ml



#4 n-Dodecane (C12)

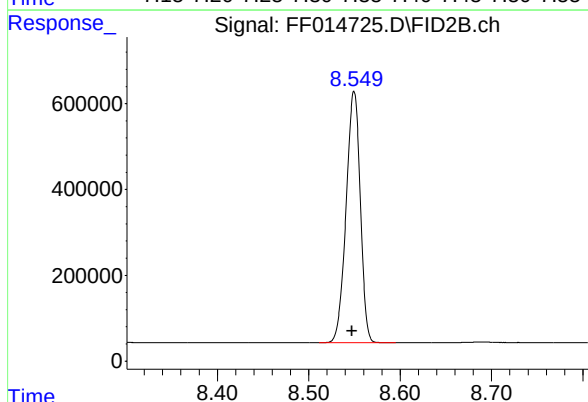
R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 6305705
Conc: 50.03 ug/ml



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

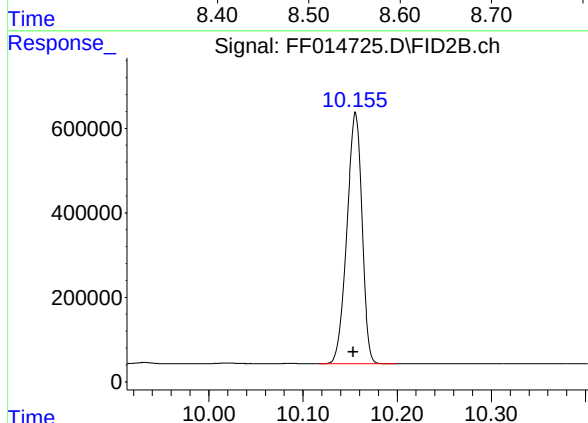
R.T.: 7.354 min
Delta R.T.: 0.002 min
Response: 6685275
Conc: 49.98 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



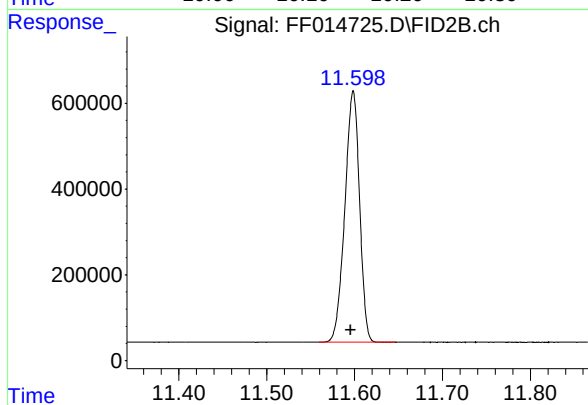
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: 0.002 min
Response: 6314538
Conc: 50.12 ug/ml



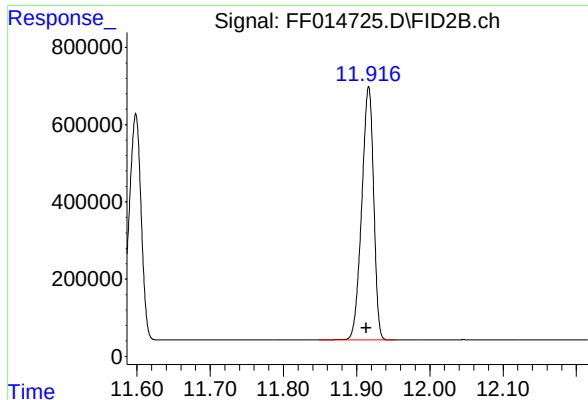
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: 0.002 min
Response: 6616545
Conc: 50.21 ug/ml



#8 n-Octadecane (C18)

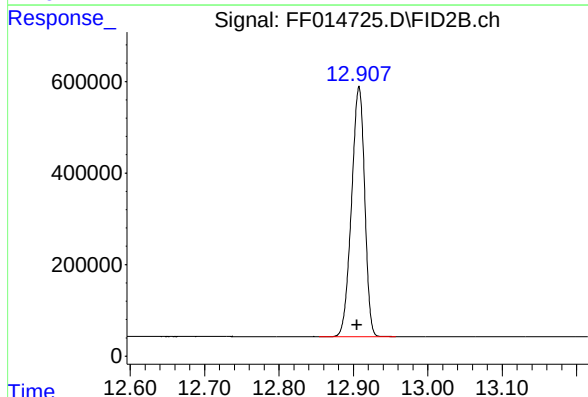
R.T.: 11.599 min
Delta R.T.: 0.003 min
Response: 6806095
Conc: 50.06 ug/ml



#9 ortho-Terphenyl (SURR)

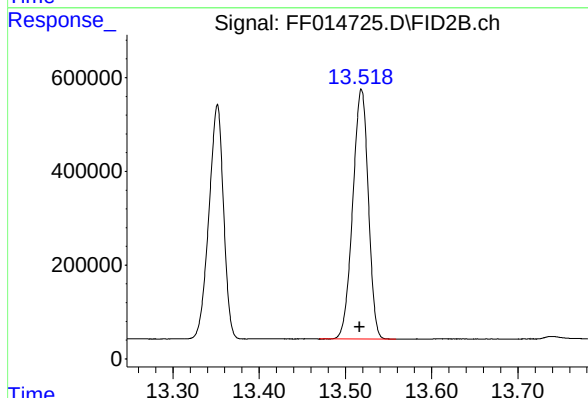
R.T.: 11.917 min
Delta R.T.: 0.003 min
Response: 7418656
Conc: 49.78 ug/ml

Instrument :
FID_F
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50 PPM ALIPHATIC HC STD2



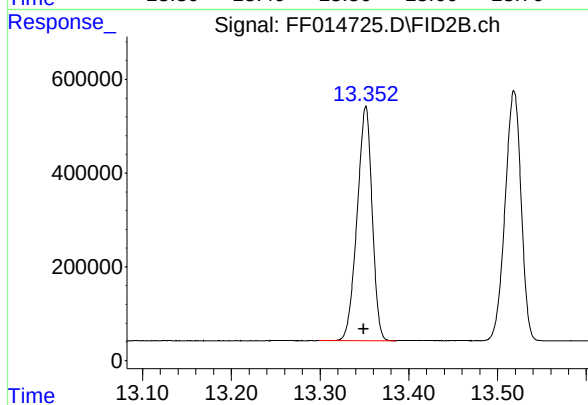
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.003 min
Response: 6703261
Conc: 49.87 ug/ml



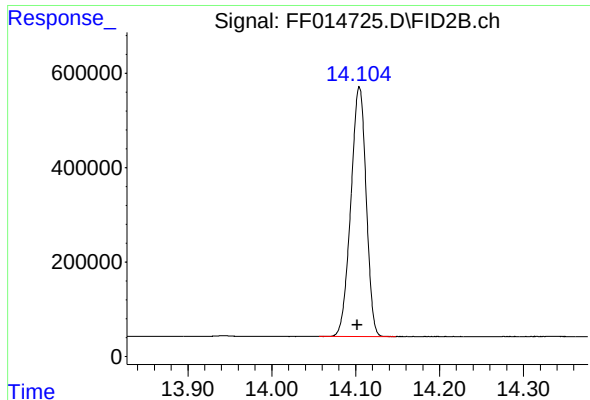
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: 0.002 min
Response: 6677153
Conc: 49.96 ug/ml



#12 1-chlorooctadecane (SURR)

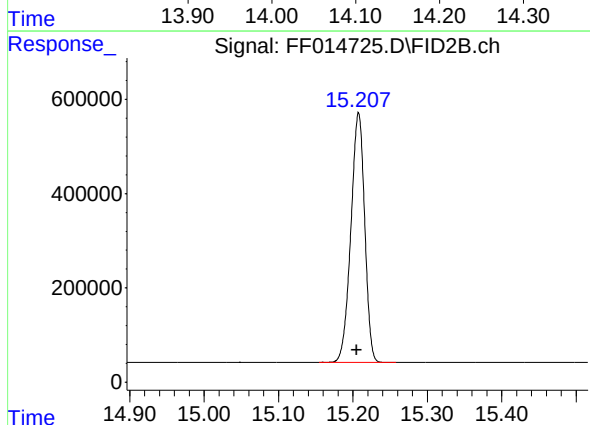
R.T.: 13.352 min
Delta R.T.: 0.003 min
Response: 5879890
Conc: 50.02 ug/ml



#13 n-Docosane (C22)

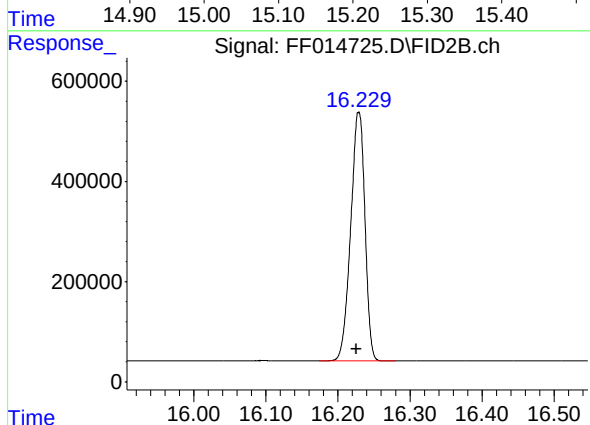
R.T.: 14.104 min
Delta R.T.: 0.002 min
Response: 6718783
Conc: 49.98 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



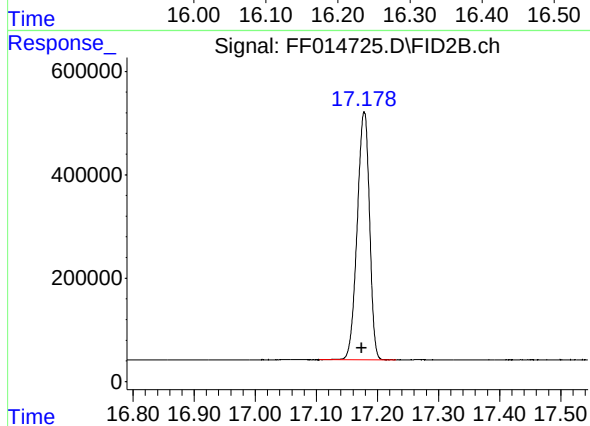
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.003 min
Response: 6827424
Conc: 49.85 ug/ml



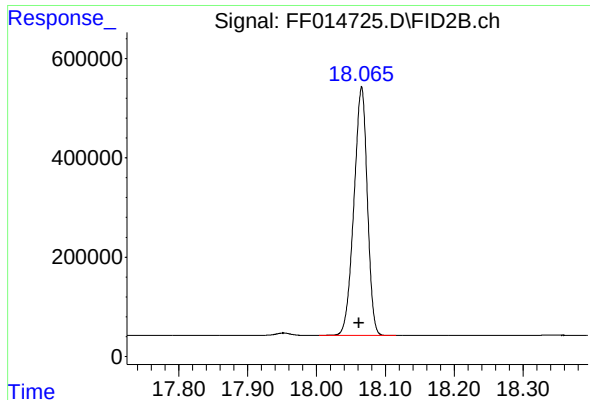
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: 0.004 min
Response: 6812430
Conc: 49.77 ug/ml



#16 n-Octacosane (C28)

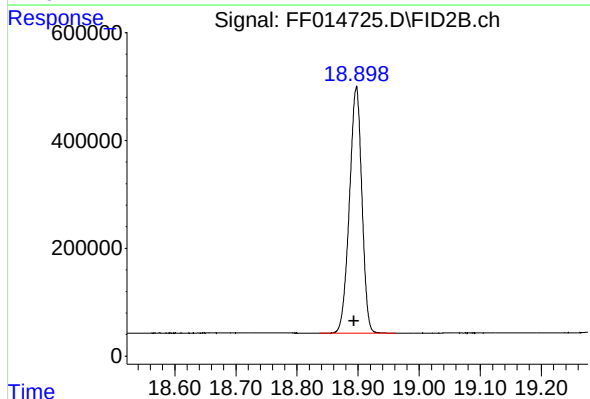
R.T.: 17.178 min
Delta R.T.: 0.004 min
Response: 6723688
Conc: 49.75 ug/ml



#17 n-Tricontane (C30)

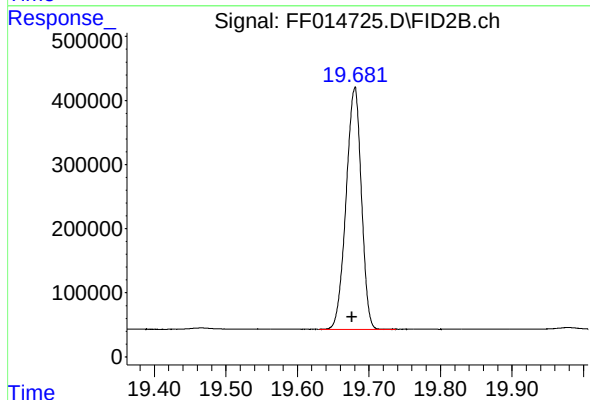
R.T.: 18.066 min
Delta R.T.: 0.004 min
Response: 6771405
Conc: 49.19 ug/ml

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50 PPM ALIPHATIC HC STD2



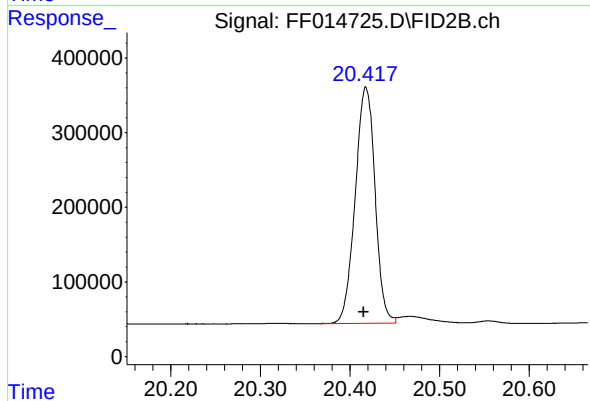
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: 0.004 min
Response: 6466182
Conc: 48.05 ug/ml



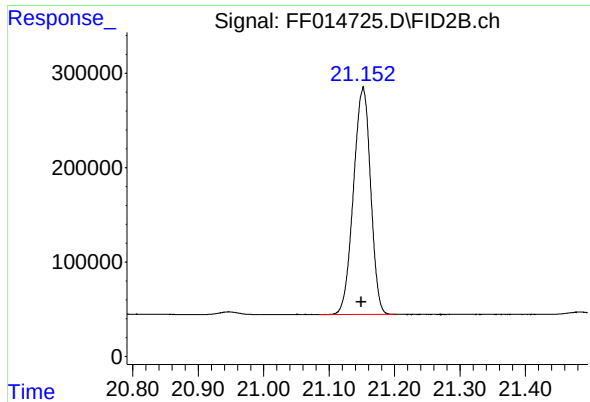
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: 0.004 min
Response: 5610279
Conc: 49.02 ug/ml



#20 n-Hexatriacontane (C36)

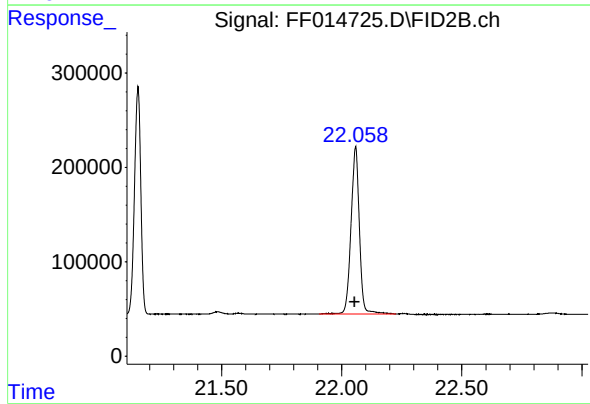
R.T.: 20.418 min
Delta R.T.: 0.003 min
Response: 4873707
Conc: 49.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: 0.003 min
Response: 4379076
Conc: 49.70 ug/ml

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FID_F
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#22 n-Tetracontane (C40)

R.T.: 22.058 min
Delta R.T.: 0.004 min
Response: 4294928
Conc: 51.23 ug/ml