

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051524AL\
 Data File : FE048178.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2024 07:21
 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: May 15 11:16:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.957	2956527	20.494 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
12) S 1-chlorooctadecane (S...	13.390	2244902	20.090 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.346	3024076	23.464 ug/ml
2) T n-Decane (C10)	4.594	3053049	23.190 ug/ml
3) T A~Naphthalene (C11.7)	6.299	3067151	22.212 ug/ml
4) T n-Dodecane (C12)	6.759	2996293	22.476 ug/ml
5) T A~2-methylnaphthalene...	7.394	2870115	21.568 ug/ml
6) T n-Tetradecane (C14)	8.587	2869288	21.651 ug/ml
7) T n-Hexadecane (C16)	10.194	2892868	21.034 ug/ml
8) T n-Octadecane (C18)	11.636	2881335	20.685 ug/ml
10) T n-Eicosane (C20)	12.946	2729916	20.275 ug/ml
11) T n-Heneicosane (C21)	13.557	2662745	20.115 ug/ml
13) T n-Docosane (C22)	14.143	2644252	19.954 ug/ml
14) T n-Tetracosane (C24)	15.246	2636892	19.803 ug/ml
15) T n-Hexacosane (C26)	16.265	2631843	19.723 ug/ml
16) T n-Octacosane (C28)	17.214	2632490	19.771 ug/ml
17) T n-Tricontane (C30)	18.101	2747024	19.904 ug/ml
18) T n-Dotriacontane (C32)	18.932	2747335	19.890 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2724550	20.001 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2587111	19.107 ug/ml
21) T n-Octatriacontane (C38)	21.191	2558315	18.529 ug/ml
22) T n-Tetracontane (C40)	22.109	2474461	17.761 ug/ml

(f)=RT Delta > 1/2 Window

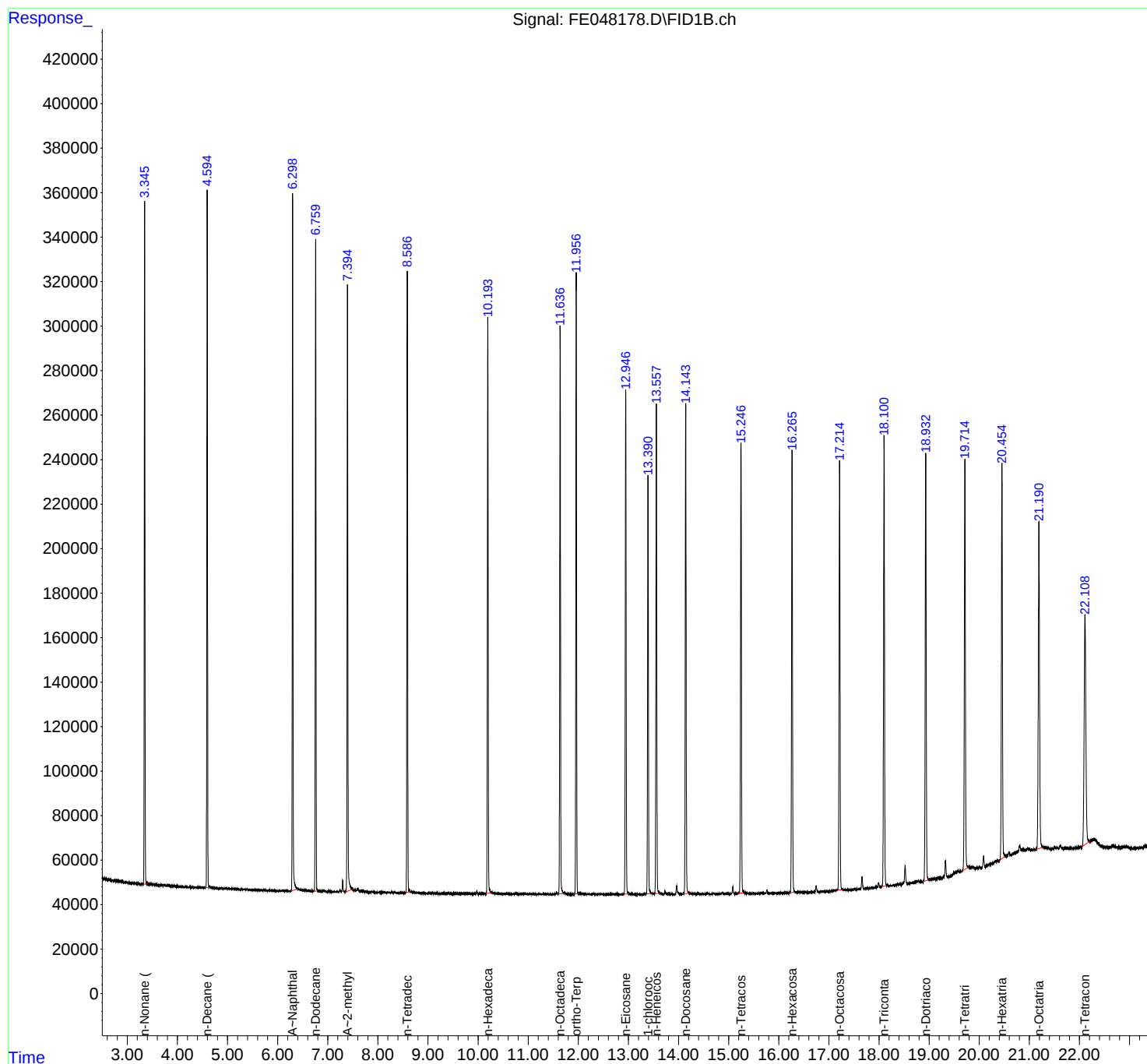
(m)=manual int.

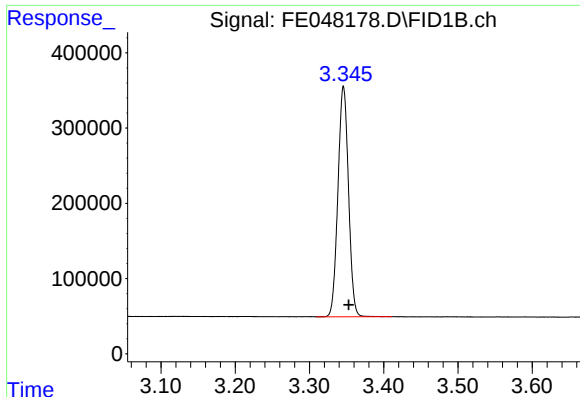
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051524AL\
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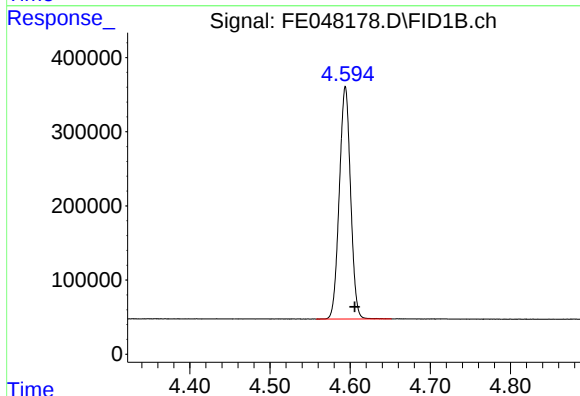




#1 n-Nonane (C9)

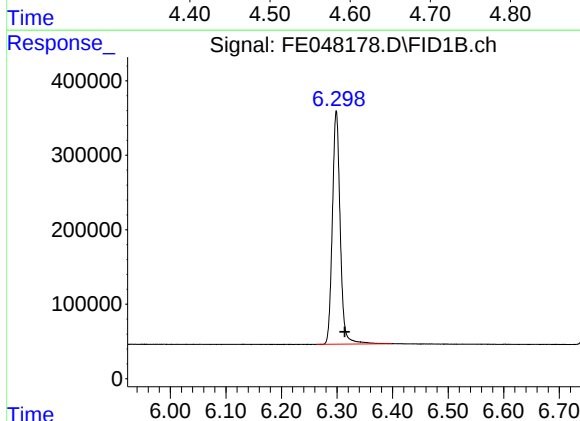
R.T.: 3.346 min
Delta R.T.: -0.007 min
Response: 3024076
Conc: 23.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



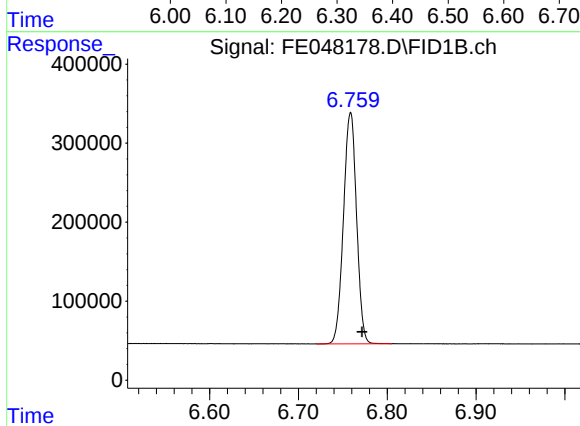
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.012 min
Response: 3053049
Conc: 23.19 ug/ml



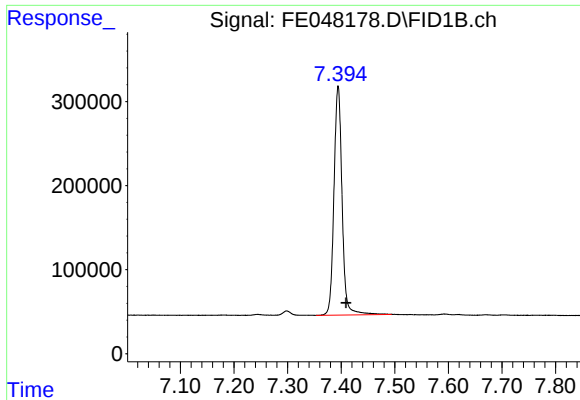
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.015 min
Response: 3067151
Conc: 22.21 ug/ml



#4 n-Dodecane (C12)

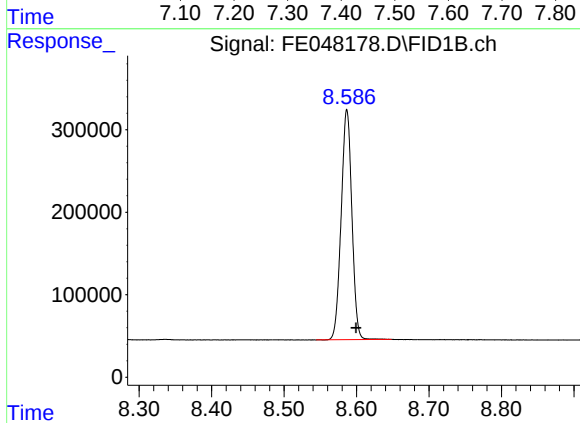
R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 2996293
Conc: 22.48 ug/ml



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

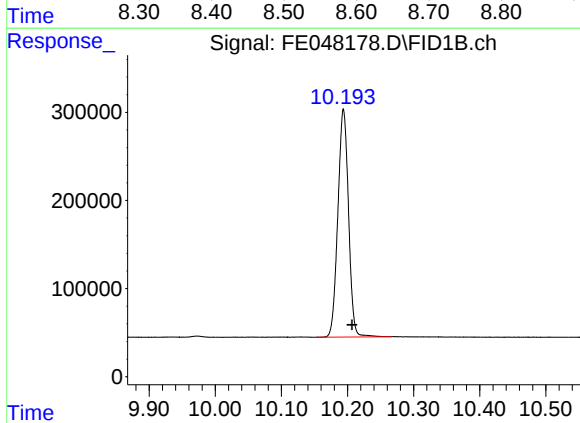
R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 2870115
Conc: 21.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



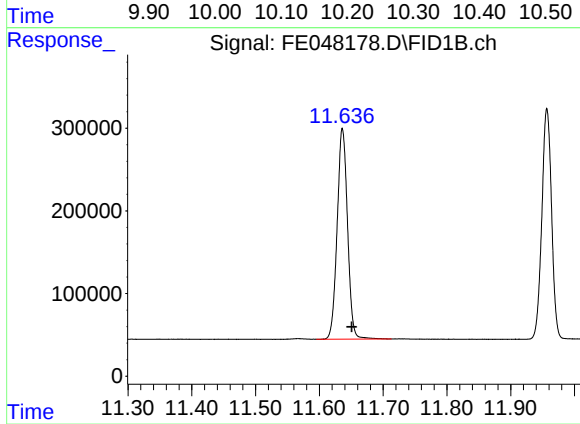
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.013 min
Response: 2869288
Conc: 21.65 ug/ml



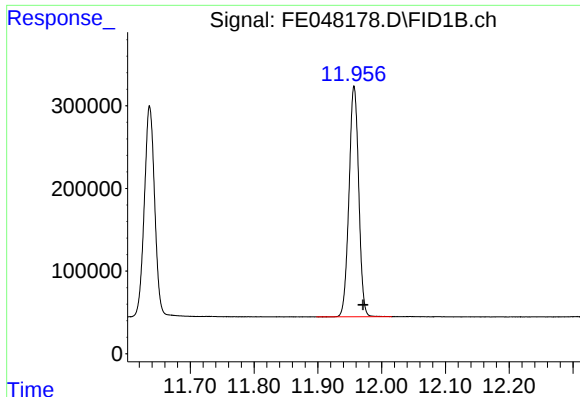
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 2892868
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

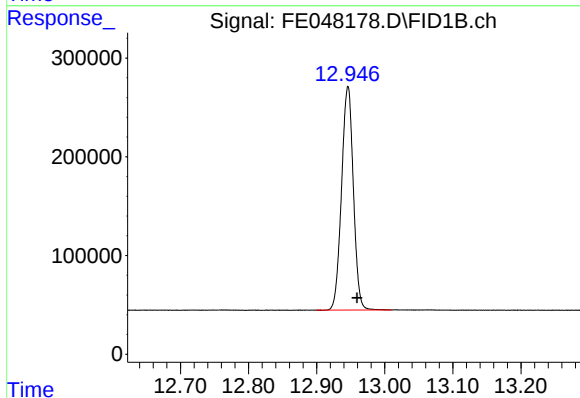
R.T.: 11.636 min
Delta R.T.: -0.014 min
Response: 2881335
Conc: 20.68 ug/ml



#9 ortho-Terphenyl (SURR)

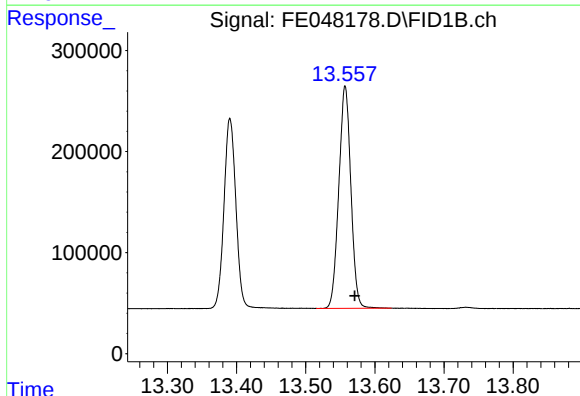
R.T.: 11.957 min
Delta R.T.: -0.014 min
Response: 2956527
Conc: 20.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



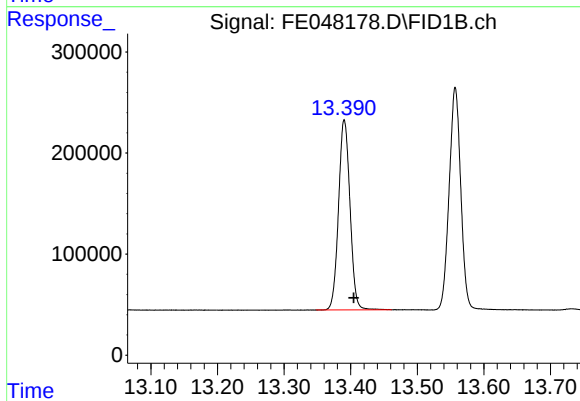
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 2729916
Conc: 20.28 ug/ml



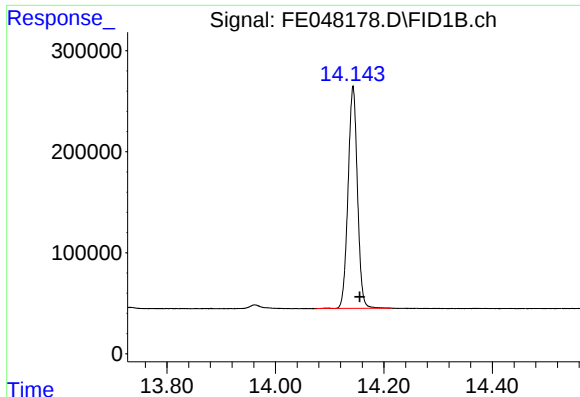
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.014 min
Response: 2662745
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

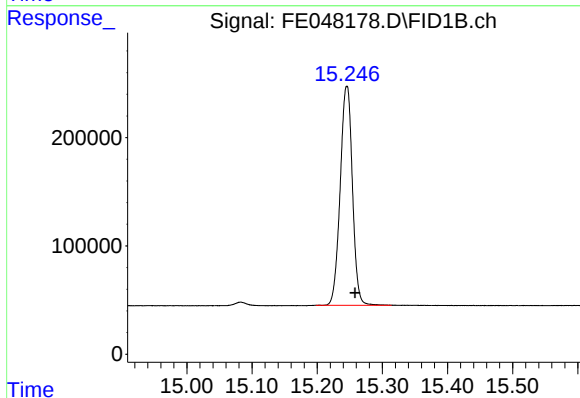
R.T.: 13.390 min
Delta R.T.: -0.015 min
Response: 2244902
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

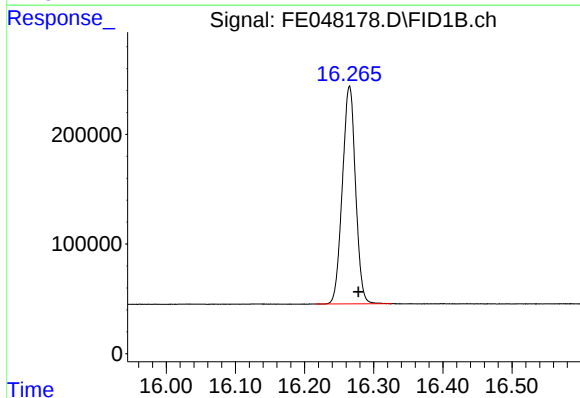
R.T.: 14.143 min
Delta R.T.: -0.012 min
Response: 2644252
Conc: 19.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



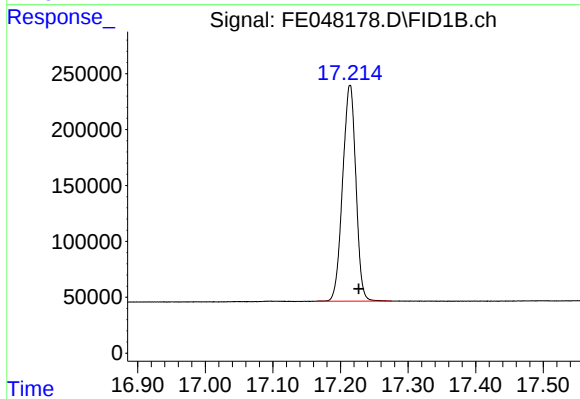
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.012 min
Response: 2636892
Conc: 19.80 ug/ml



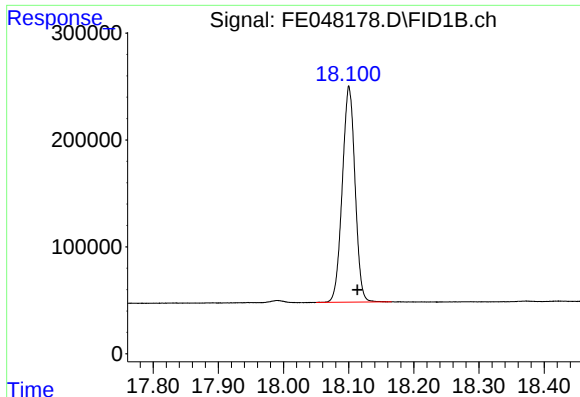
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.013 min
Response: 2631843
Conc: 19.72 ug/ml



#16 n-Octacosane (C28)

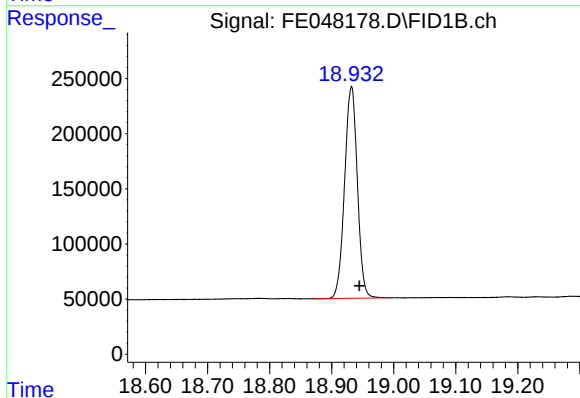
R.T.: 17.214 min
Delta R.T.: -0.013 min
Response: 2632490
Conc: 19.77 ug/ml



#17 n-Tricontane (C30)

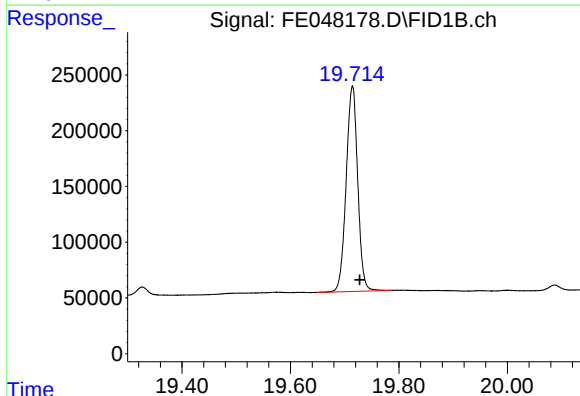
R.T.: 18.101 min
Delta R.T.: -0.013 min
Response: 2747024
Conc: 19.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



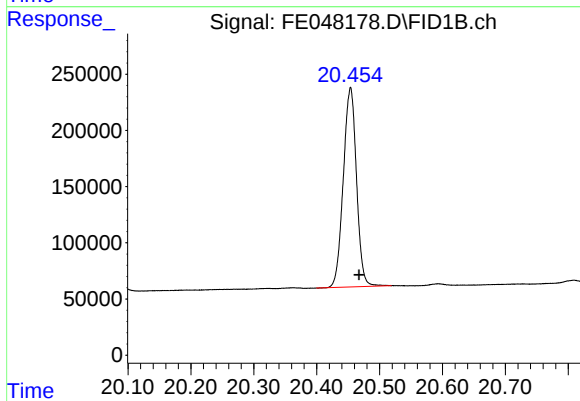
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.013 min
Response: 2747335
Conc: 19.89 ug/ml



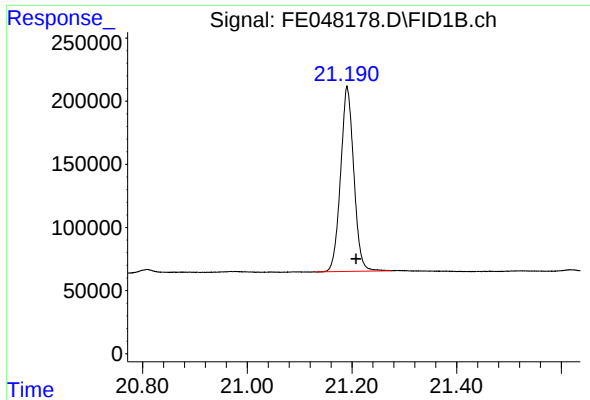
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.013 min
Response: 2724550
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

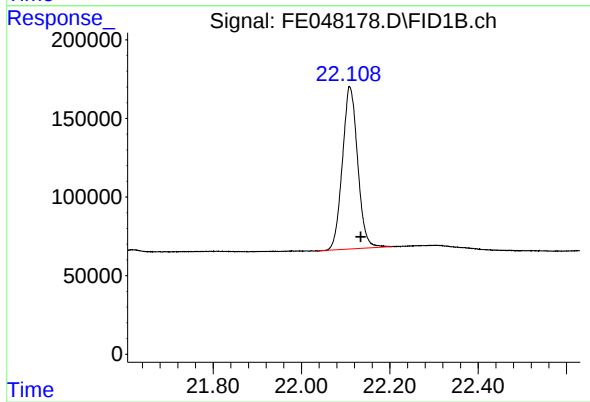
R.T.: 20.454 min
Delta R.T.: -0.013 min
Response: 2587111
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.017 min
Response: 2558315
Conc: 18.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: -0.025 min
Response: 2474461
Conc: 17.76 ug/ml