

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060823AL\
 Data File : FE042488.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jun 2023 08:56
 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: Jun 08 13:15:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.949	3241035	18.355 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
12) S 1-chlorooctadecane (S...	13.386	2382318	17.929 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
Target Compounds			
1) T n-Nonane (C9)	3.327	2740282	19.004 ug/ml
2) T n-Decane (C10)	4.579	2880636	19.459 ug/ml
3) T A~Naphthalene (C11.7)	6.288	3072972	18.834 ug/ml
4) T n-Dodecane (C12)	6.748	2911259	19.414 ug/ml
5) T A~2-methylnaphthalene...	7.385	2957675	18.637 ug/ml
6) T n-Tetradecane (C14)	8.577	2869522	19.155 ug/ml
7) T n-Hexadecane (C16)	10.185	2959811	19.001 ug/ml
8) T n-Octadecane (C18)	11.629	2959975	18.718 ug/ml
10) T n-Eicosane (C20)	12.939	2794055	18.433 ug/ml
11) T n-Heneicosane (C21)	13.552	2715262	18.327 ug/ml
13) T n-Docosane (C22)	14.138	2656744	18.123 ug/ml
14) T n-Tetracosane (C24)	15.242	2593718	17.967 ug/ml
15) T n-Hexacosane (C26)	16.263	2527826	18.252 ug/ml
16) T n-Octacosane (C28)	17.214	2541248	18.981 ug/ml
17) T n-Tricontane (C30)	18.103	2758446	20.434 ug/ml
18) T n-Dotriacontane (C32)	18.934	2828246	21.171 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2731655	20.771 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2671897	20.557 ug/ml
21) T n-Octatriacontane (C38)	21.208	2725597	20.089 ug/ml
22) T n-Tetracontane (C40)	22.139	2700316	19.410 ug/ml

(f)=RT Delta > 1/2 Window

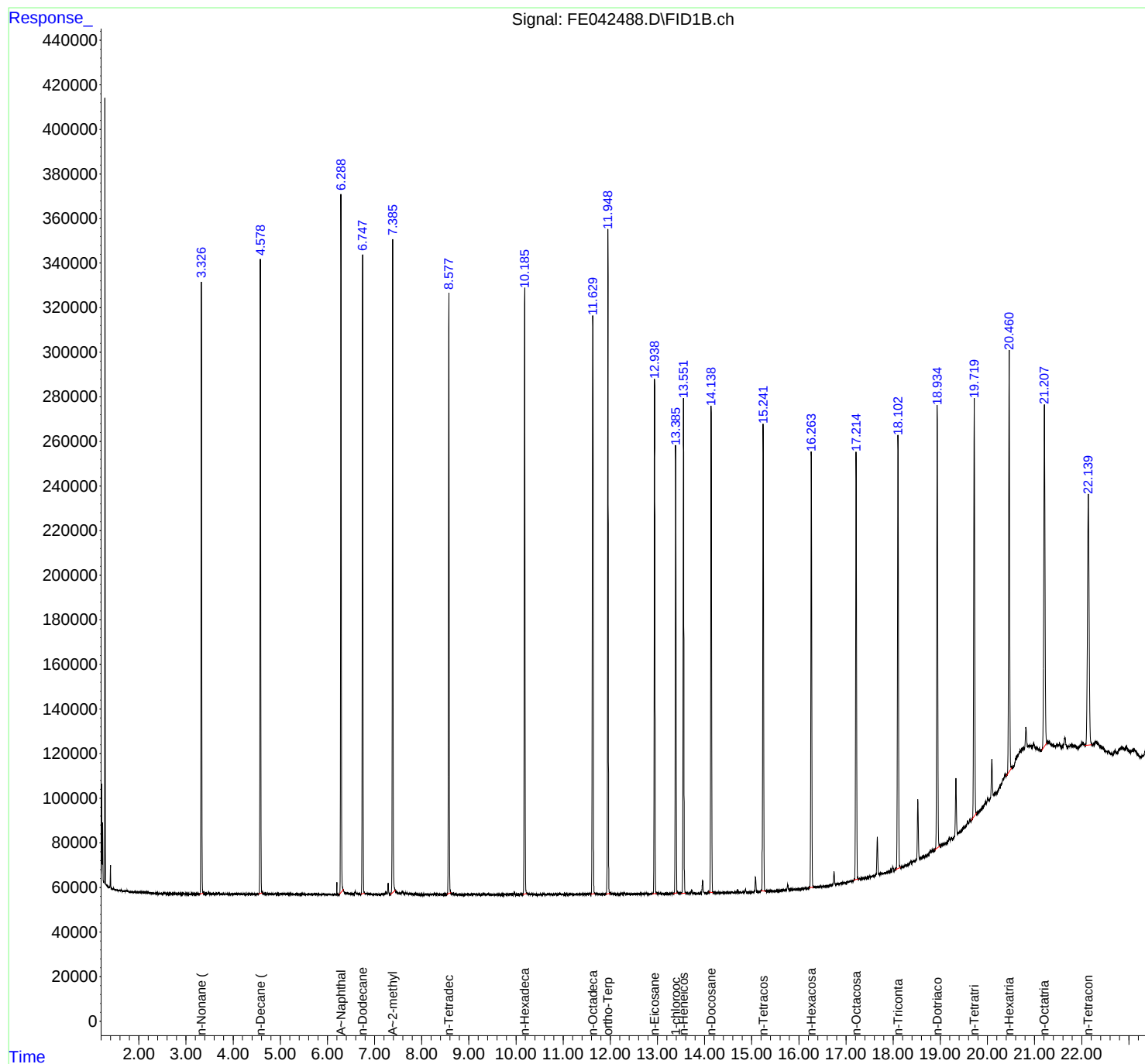
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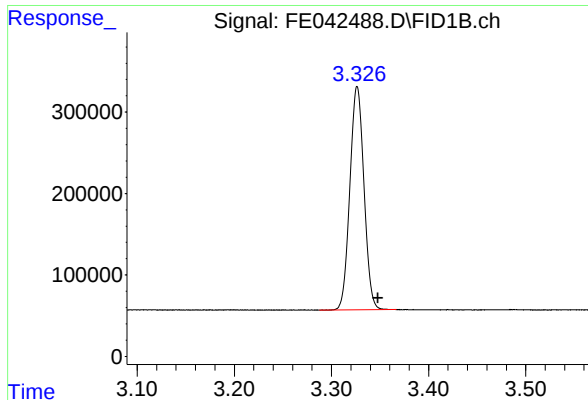
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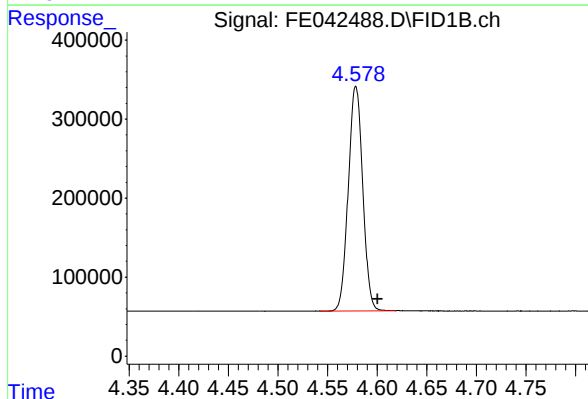




#1 n-Nonane (C9)

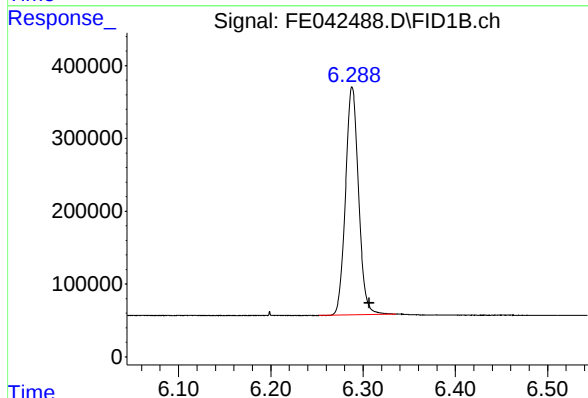
R.T.: 3.327 min
Delta R.T.: -0.021 min
Response: 2740282
Conc: 19.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



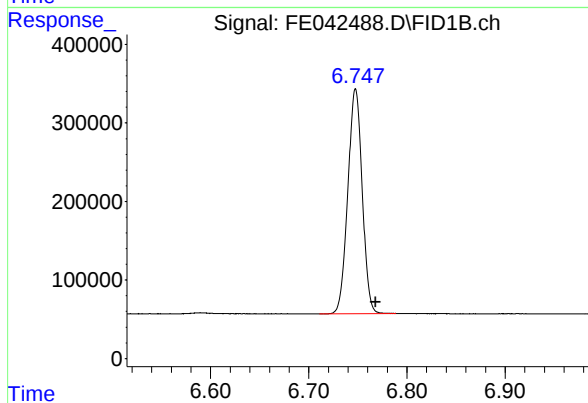
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.022 min
Response: 2880636
Conc: 19.46 ug/ml



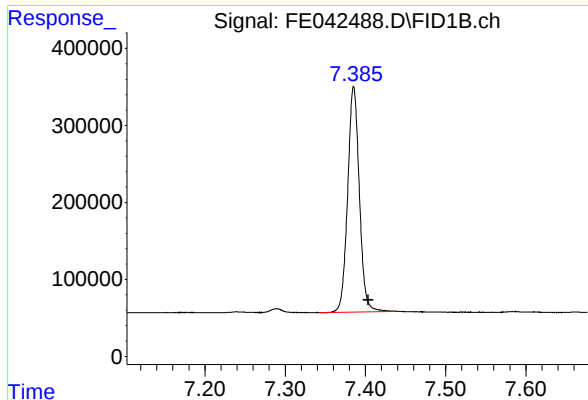
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.018 min
Response: 3072972
Conc: 18.83 ug/ml



#4 n-Dodecane (C12)

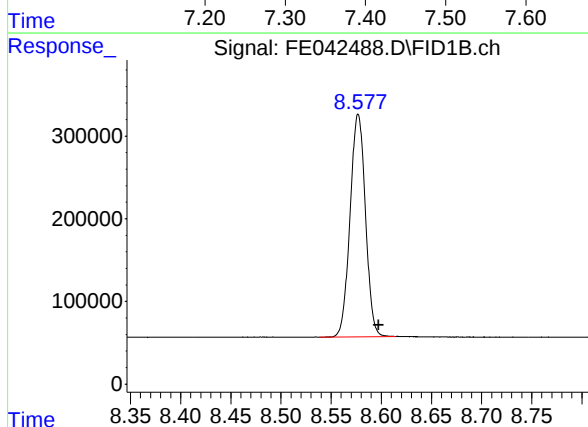
R.T.: 6.748 min
Delta R.T.: -0.021 min
Response: 2911259
Conc: 19.41 ug/ml



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

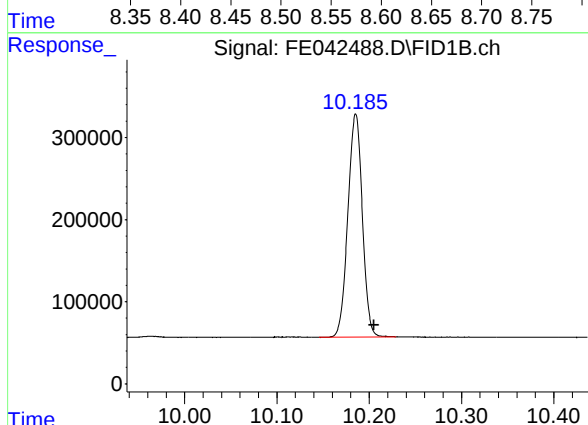
R.T.: 7.385 min
Delta R.T.: -0.018 min
Response: 2957675
Conc: 18.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



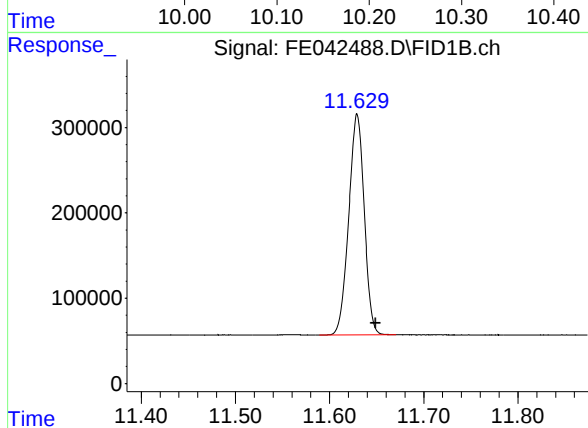
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.020 min
Response: 2869522
Conc: 19.15 ug/ml



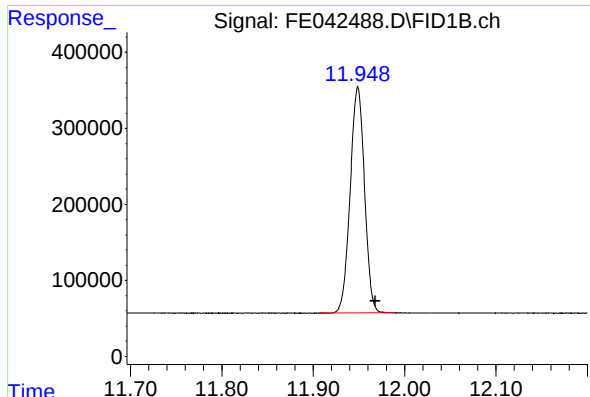
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.020 min
Response: 2959811
Conc: 19.00 ug/ml



#8 n-Octadecane (C18)

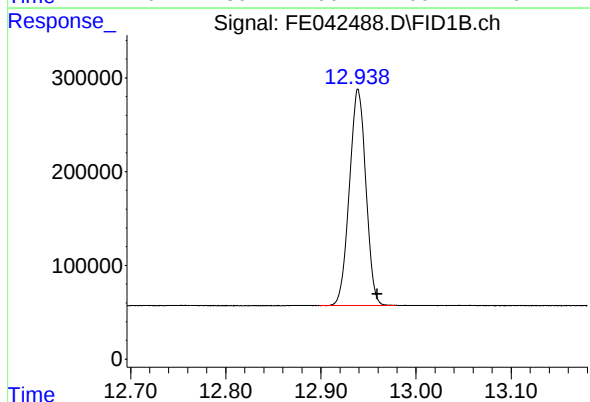
R.T.: 11.629 min
Delta R.T.: -0.020 min
Response: 2959975
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

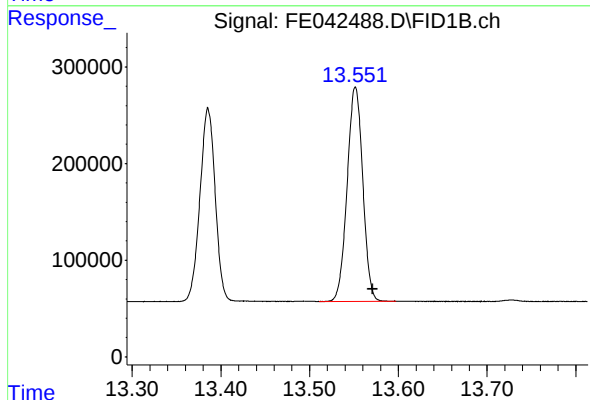
R.T.: 11.949 min
Delta R.T.: -0.019 min
Response: 3241035
Conc: 18.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



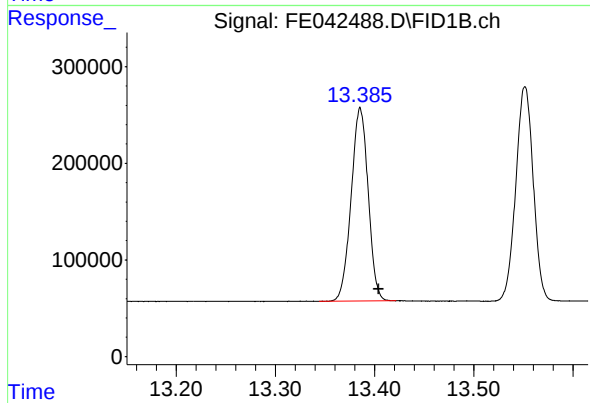
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: -0.020 min
Response: 2794055
Conc: 18.43 ug/ml



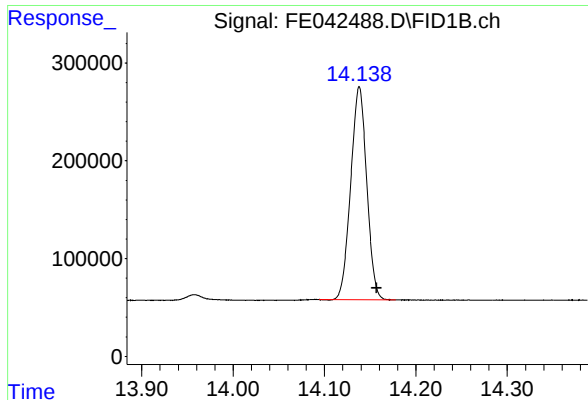
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.019 min
Response: 2715262
Conc: 18.33 ug/ml



#12 1-chlorooctadecane (SURR)

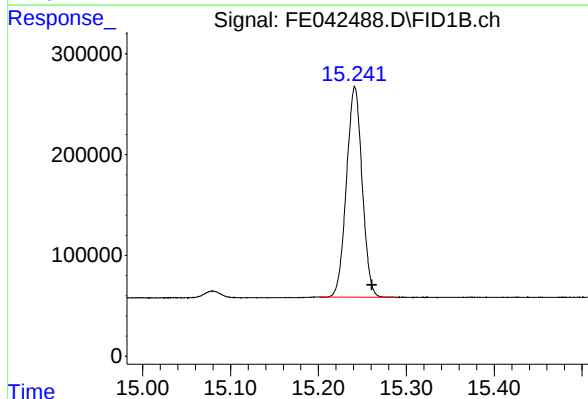
R.T.: 13.386 min
Delta R.T.: -0.019 min
Response: 2382318
Conc: 17.93 ug/ml



#13 n-Docosane (C22)

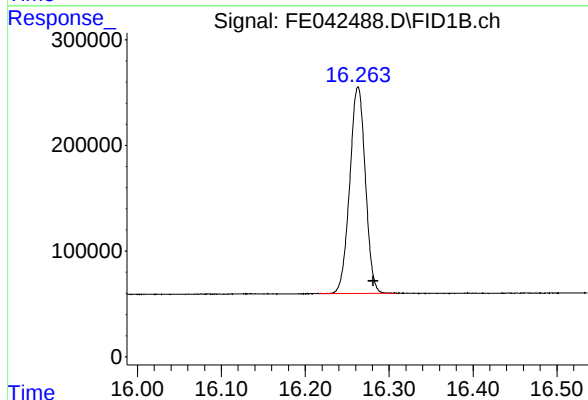
R.T.: 14.138 min
Delta R.T.: -0.019 min
Response: 2656744
Conc: 18.12 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



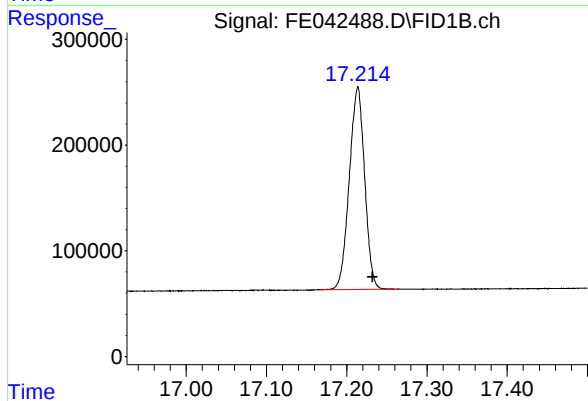
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.019 min
Response: 2593718
Conc: 17.97 ug/ml



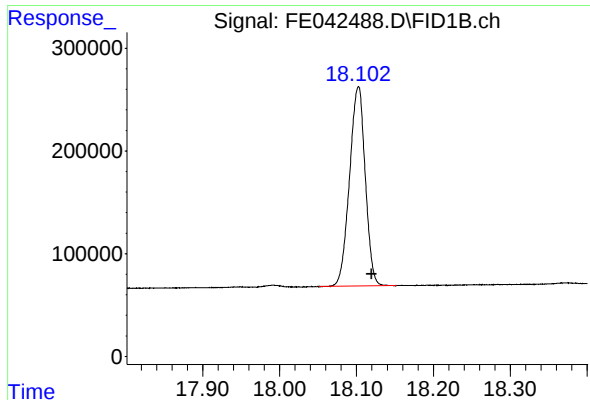
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.018 min
Response: 2527826
Conc: 18.25 ug/ml



#16 n-Octacosane (C28)

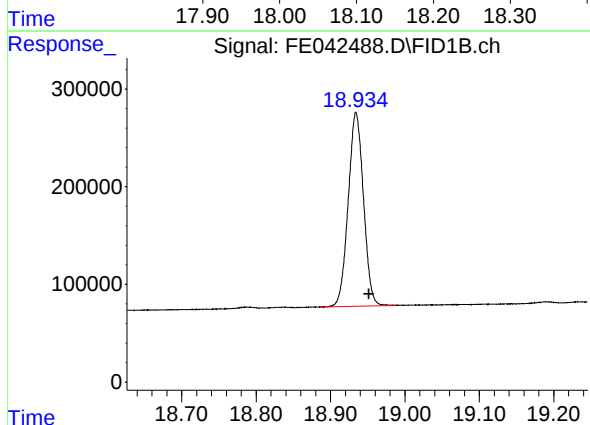
R.T.: 17.214 min
Delta R.T.: -0.018 min
Response: 2541248
Conc: 18.98 ug/ml



#17 n-Tricontane (C30)

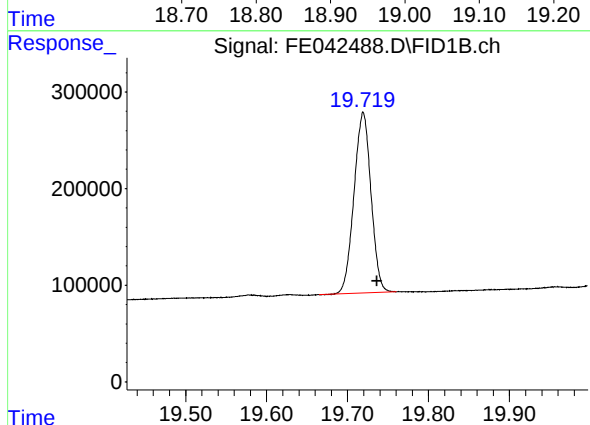
R.T.: 18.103 min
Delta R.T.: -0.017 min
Response: 2758446
Conc: 20.43 ug/ml

Instrument :
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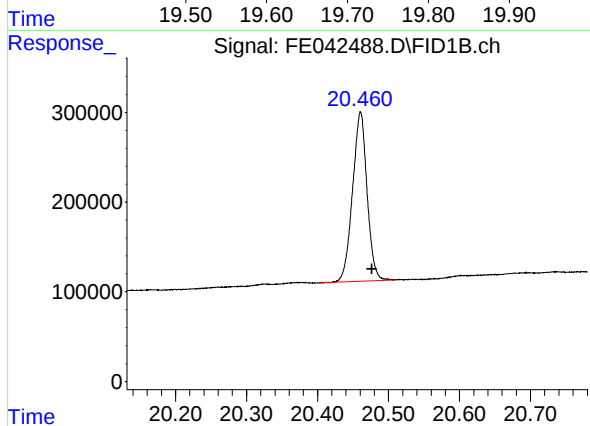
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.018 min
Response: 2828246
Conc: 21.17 ug/ml



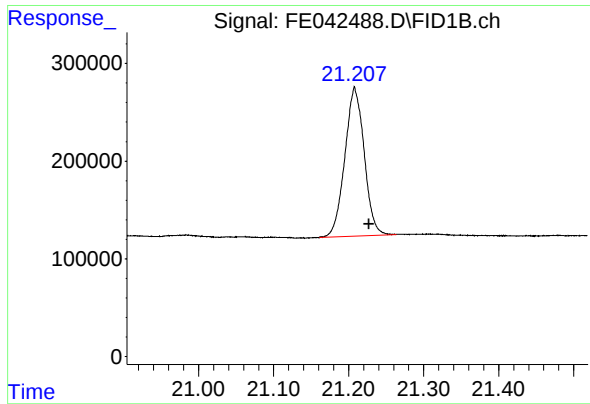
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.017 min
Response: 2731655
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

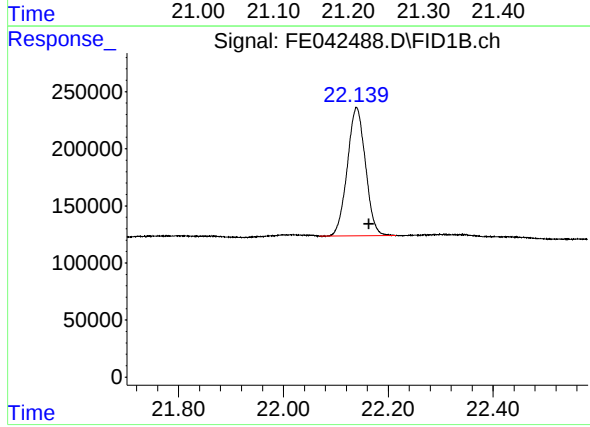
R.T.: 20.461 min
Delta R.T.: -0.016 min
Response: 2671897
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 2725597
Conc: 20.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.024 min
Response: 2700316
Conc: 19.41 ug/ml