

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060623AL\
 Data File : FE042421.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2023 12:51
 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 07 05:08:46 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)	11.952	3325781	18.835 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
12) S 1-chlorooctadecane (S...	13.389	2450959	18.445 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
Target Compounds			
1) T n-Nonane (C9)	3.330	2767979	19.196 ug/ml
2) T n-Decane (C10)	4.583	2860296	19.322 ug/ml
3) T A~Naphthalene (C11.7)	6.291	3073741	18.839 ug/ml
4) T n-Dodecane (C12)	6.751	2888376	19.262 ug/ml
5) T A~2-methylnaphthalene...	7.388	2950211	18.590 ug/ml
6) T n-Tetradecane (C14)	8.580	2867093	19.139 ug/ml
7) T n-Hexadecane (C16)	10.189	2972092	19.080 ug/ml
8) T n-Octadecane (C18)	11.632	3002208	18.985 ug/ml
10) T n-Eicosane (C20)	12.942	2865176	18.902 ug/ml
11) T n-Heneicosane (C21)	13.554	2789132	18.826 ug/ml
13) T n-Docosane (C22)	14.141	2790960	19.038 ug/ml
14) T n-Tetracosane (C24)	15.245	2716498	18.818 ug/ml
15) T n-Hexacosane (C26)	16.266	2673154	19.301 ug/ml
16) T n-Octacosane (C28)	17.216	2704671	20.202 ug/ml
17) T n-Tricontane (C30)	18.104	2950644	21.858 ug/ml
18) T n-Dotriacontane (C32)	18.938	3003188	22.480 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2824397	21.477 ug/ml
20) T n-Hexatriacontane (C36)	20.462	2695107	20.736 ug/ml
21) T n-Octatriacontane (C38)	21.211	2678148	19.740 ug/ml
22) T n-Tetracontane (C40)	22.145	2707521	19.462 ug/ml

(f)=RT Delta > 1/2 Window

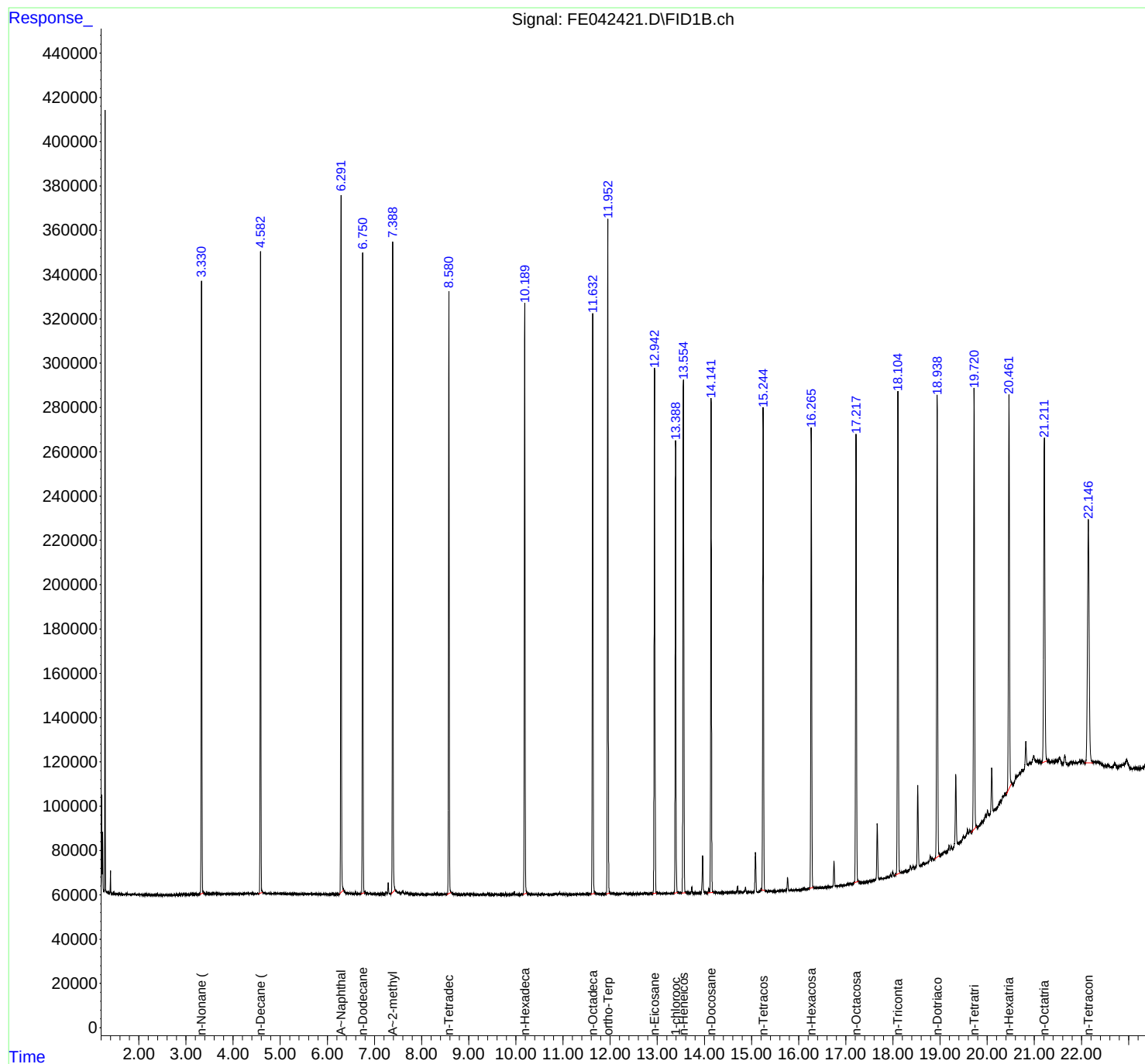
(m)=manual int.

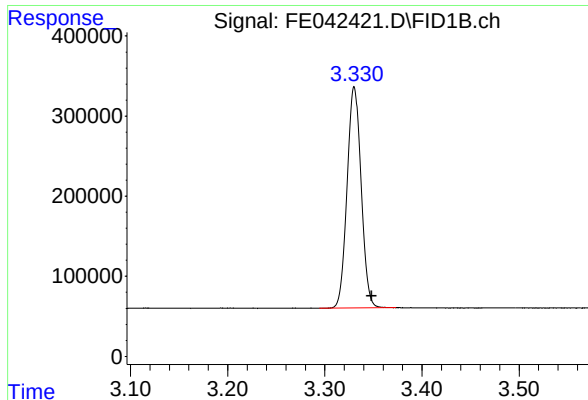
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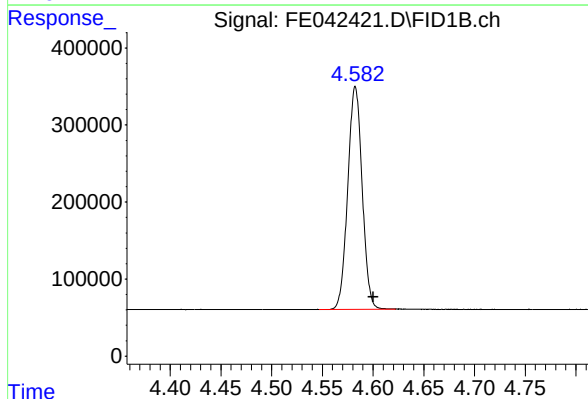




#1 n-Nonane (C9)

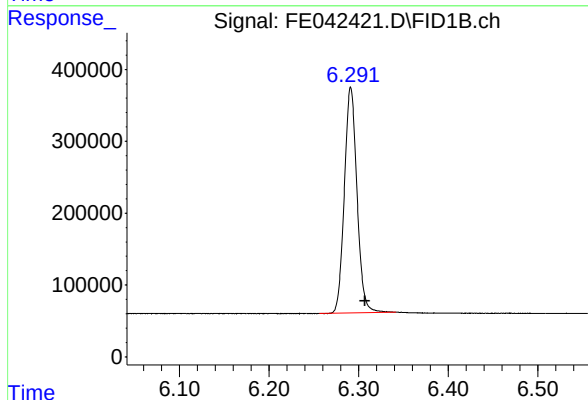
R.T.: 3.330 min
Delta R.T.: -0.018 min
Response: 2767979
Conc: 19.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



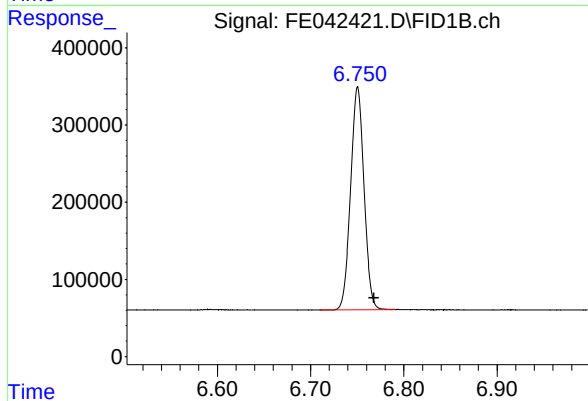
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.018 min
Response: 2860296
Conc: 19.32 ug/ml



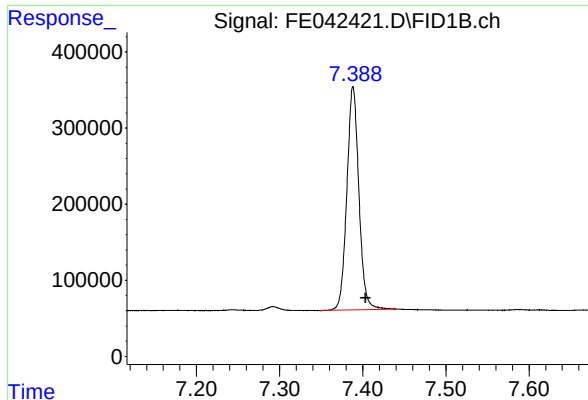
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.016 min
Response: 3073741
Conc: 18.84 ug/ml



#4 n-Dodecane (C12)

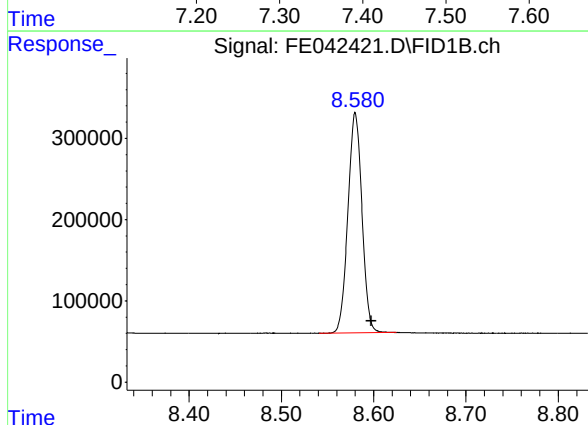
R.T.: 6.751 min
Delta R.T.: -0.018 min
Response: 2888376
Conc: 19.26 ug/ml



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

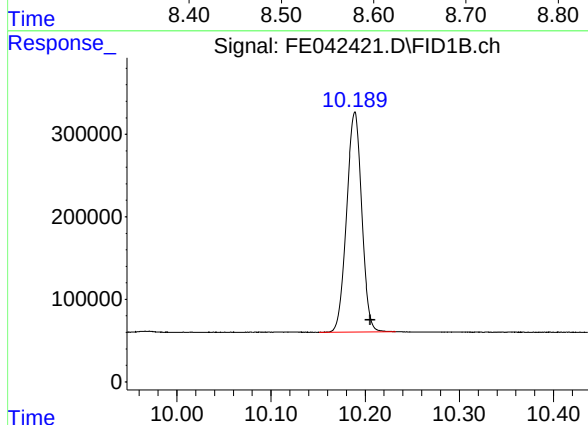
R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 2950211
Conc: 18.59 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



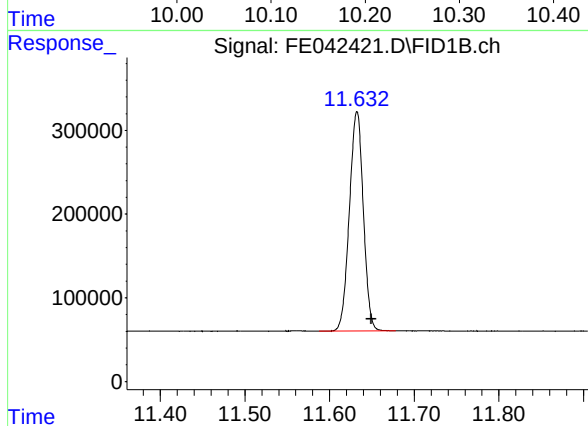
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: -0.017 min
Response: 2867093
Conc: 19.14 ug/ml



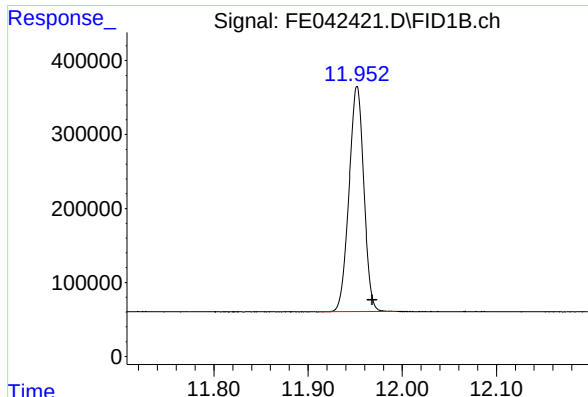
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: -0.016 min
Response: 2972092
Conc: 19.08 ug/ml



#8 n-Octadecane (C18)

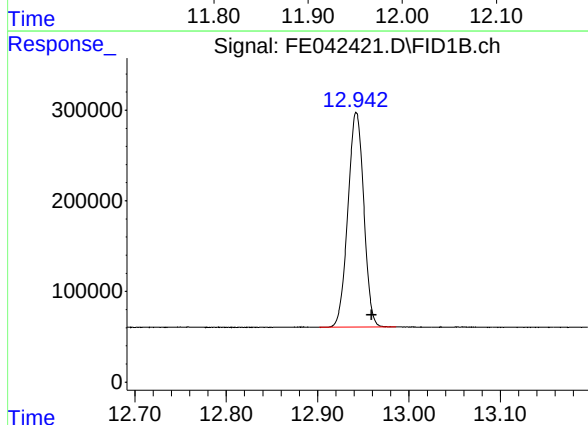
R.T.: 11.632 min
Delta R.T.: -0.017 min
Response: 3002208
Conc: 18.99 ug/ml



#9 ortho-Terphenyl (SURR)

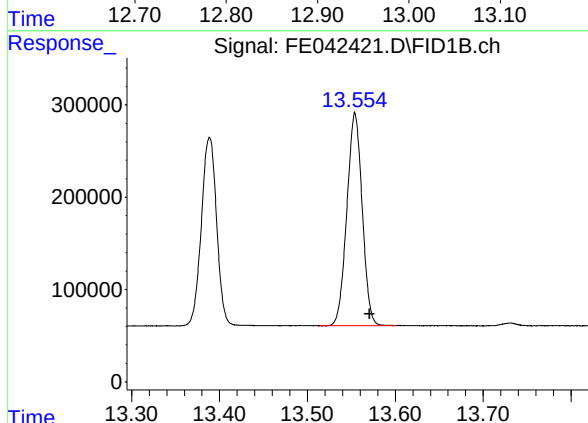
R.T.: 11.952 min
Delta R.T.: -0.016 min
Response: 3325781
Conc: 18.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



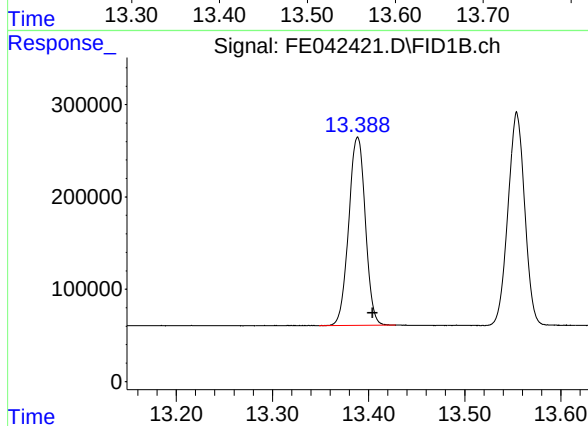
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: -0.017 min
Response: 2865176
Conc: 18.90 ug/ml



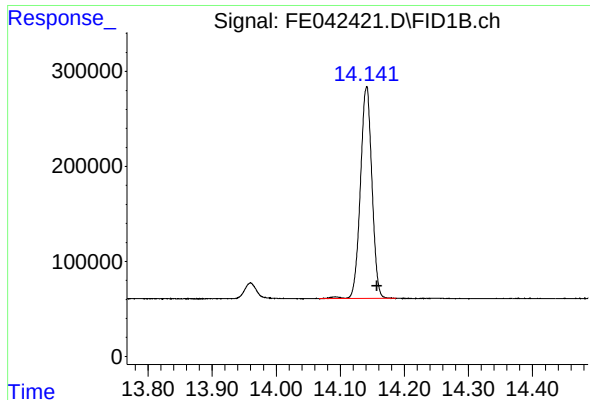
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.017 min
Response: 2789132
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

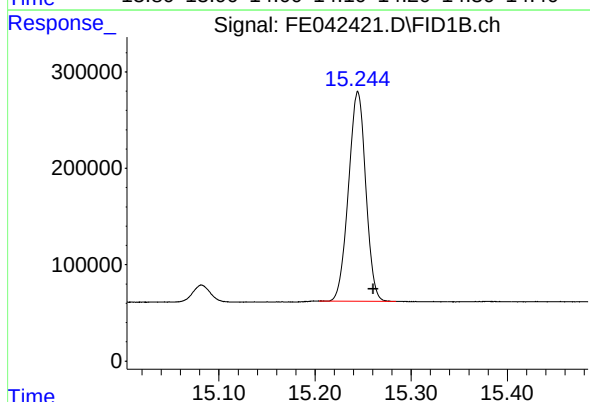
R.T.: 13.389 min
Delta R.T.: -0.015 min
Response: 2450959
Conc: 18.45 ug/ml



#13 n-Docosane (C22)

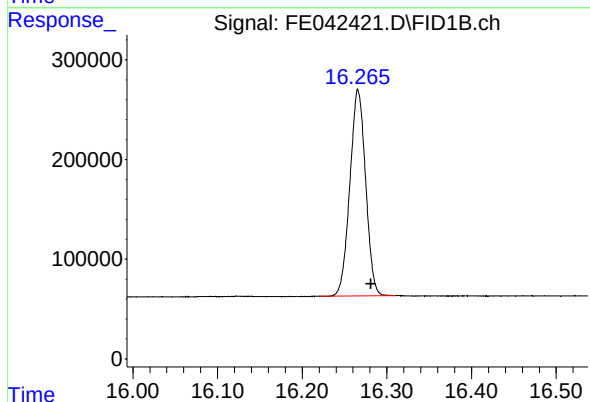
R.T.: 14.141 min
Delta R.T.: -0.016 min
Response: 2790960
Conc: 19.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



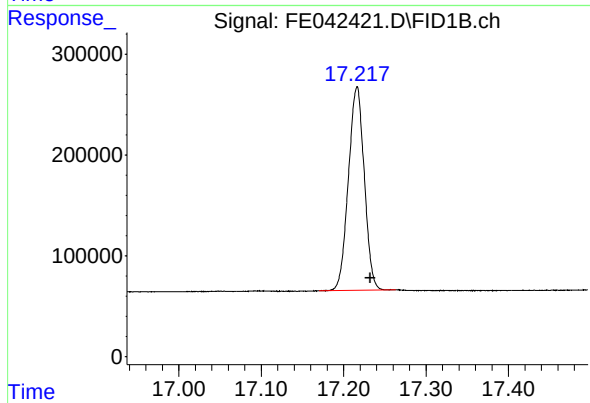
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.016 min
Response: 2716498
Conc: 18.82 ug/ml



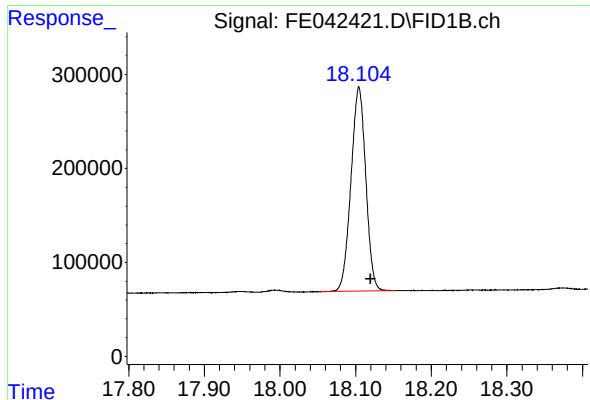
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.015 min
Response: 2673154
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

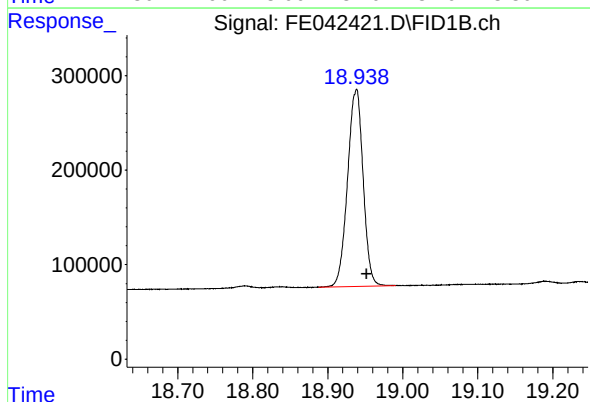
R.T.: 17.216 min
Delta R.T.: -0.016 min
Response: 2704671
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

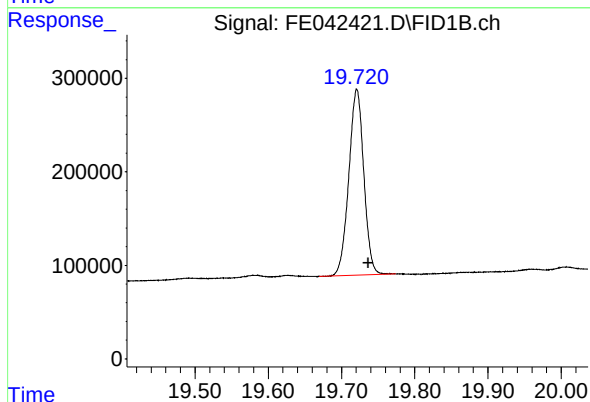
R.T.: 18.104 min
Delta R.T.: -0.015 min
Response: 2950644
Conc: 21.86 ug/ml

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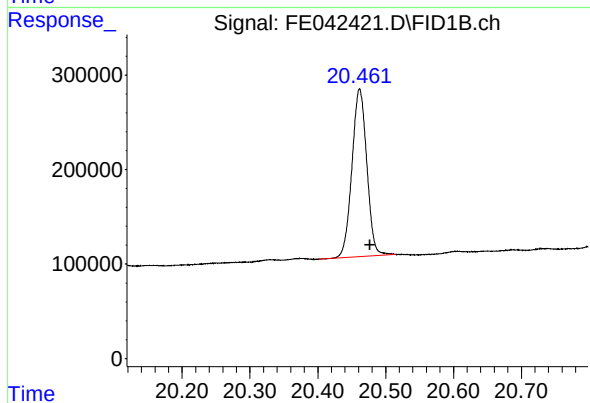
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 3003188
Conc: 22.48 ug/ml



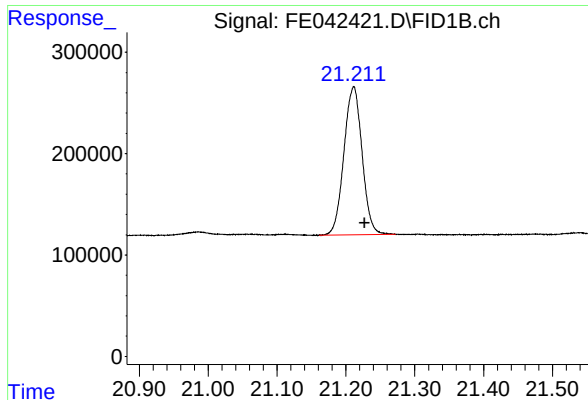
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.016 min
Response: 2824397
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

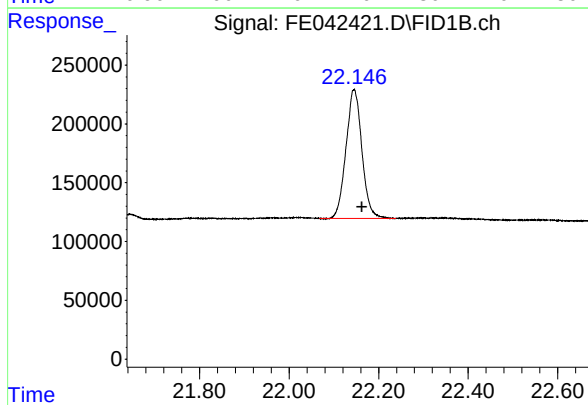
R.T.: 20.462 min
Delta R.T.: -0.015 min
Response: 2695107
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.016 min
Response: 2678148
Conc: 19.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.018 min
Response: 2707521
Conc: 19.46 ug/ml