

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062023AL\
 Data File : FE042774.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2023 07:07
 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 21 07:33:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 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)	11.927	3519086	18.173 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
12) S 1-chlorooctadecane (S...	13.364	2607173	18.082 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
1) T n-Nonane (C9)	3.305	2964616	18.971 ug/ml
2) T n-Decane (C10)	4.557	3035253	19.024 ug/ml
3) T A~Naphthalene (C11.7)	6.267	3280338	19.085 ug/ml
4) T n-Dodecane (C12)	6.727	3072721	18.986 ug/ml
5) T A~2-methylnaphthalene...	7.364	3151876	19.039 ug/ml
6) T n-Tetradecane (C14)	8.556	3040585	18.864 ug/ml
7) T n-Hexadecane (C16)	10.164	3136776	18.644 ug/ml
8) T n-Octadecane (C18)	11.607	3162296	18.430 ug/ml
10) T n-Eicosane (C20)	12.918	3022646	18.212 ug/ml
11) T n-Heneicosane (C21)	13.530	2954356	18.135 ug/ml
13) T n-Docosane (C22)	14.116	2911658	18.054 ug/ml
14) T n-Tetracosane (C24)	15.220	2847649	18.027 ug/ml
15) T n-Hexacosane (C26)	16.240	2752088	18.213 ug/ml
16) T n-Octacosane (C28)	17.190	2675503	18.689 ug/ml
17) T n-Tricontane (C30)	18.078	2743352	19.458 ug/ml
18) T n-Dotriacontane (C32)	18.910	2731988	20.072 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2657796	20.102 ug/ml
20) T n-Hexatriacontane (C36)	20.434	2598923	20.208 ug/ml
21) T n-Octatriacontane (C38)	21.178	2558880	19.762 ug/ml
22) T n-Tetracontane (C40)	22.100	2659116	20.399 ug/ml

(f)=RT Delta > 1/2 Window

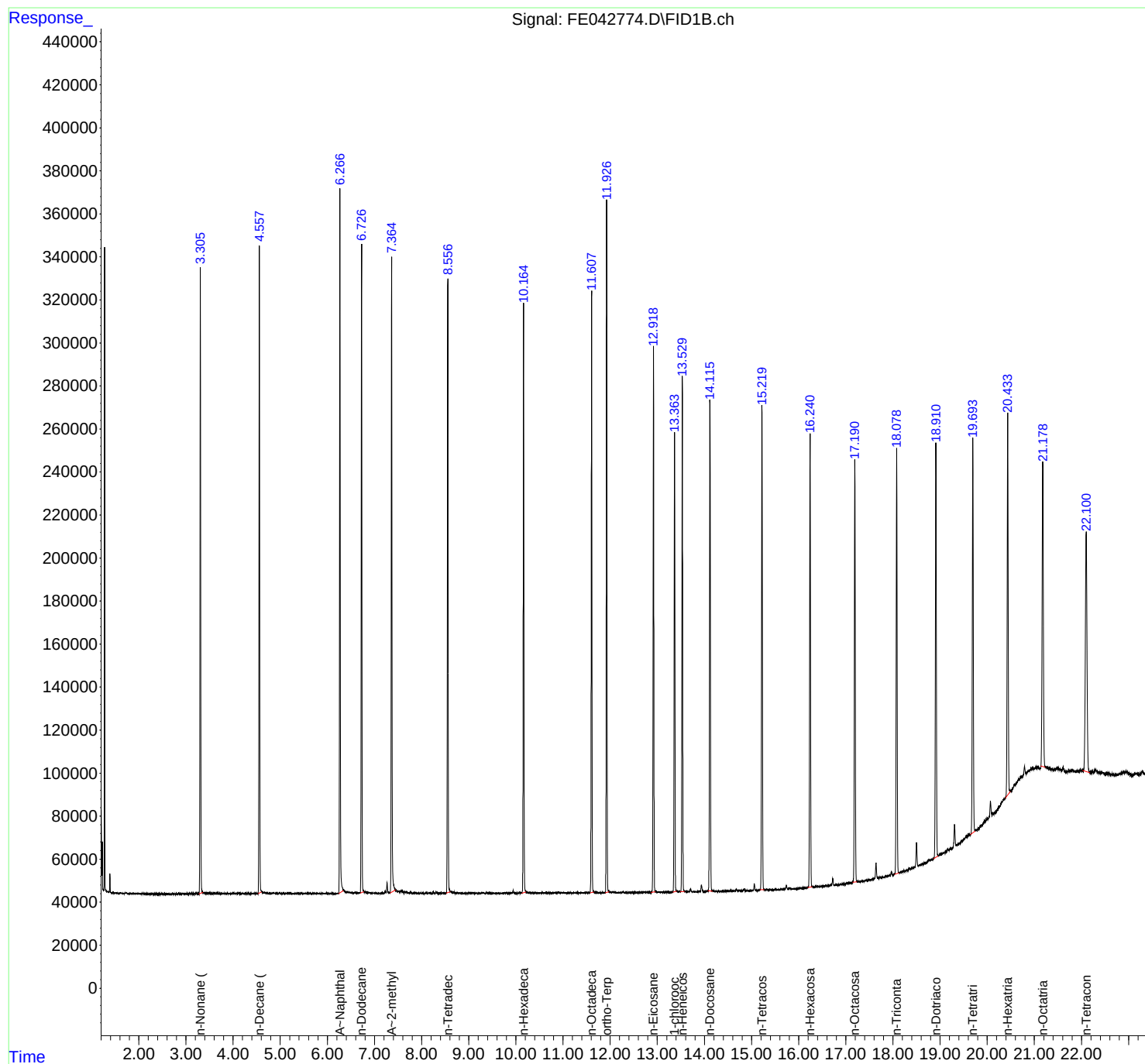
(m)=manual int.

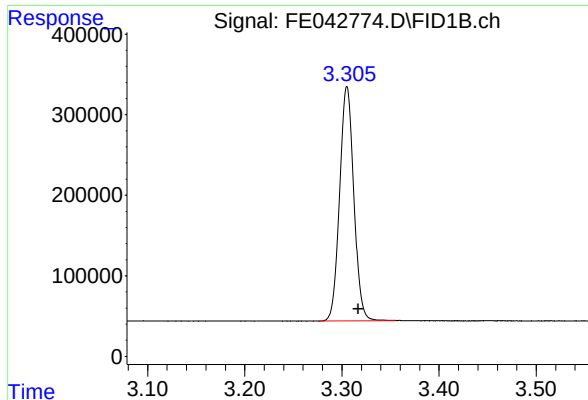
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062023AL\
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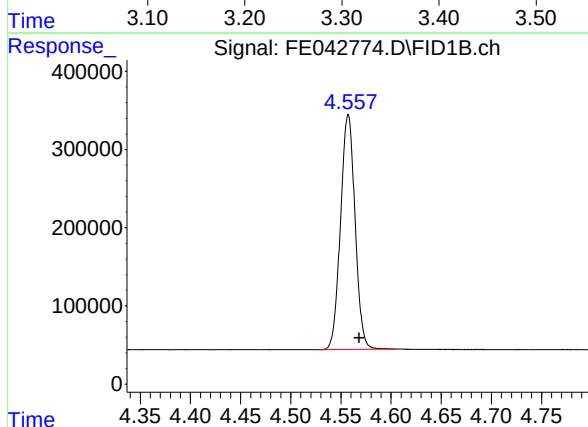




#1 n-Nonane (C9)

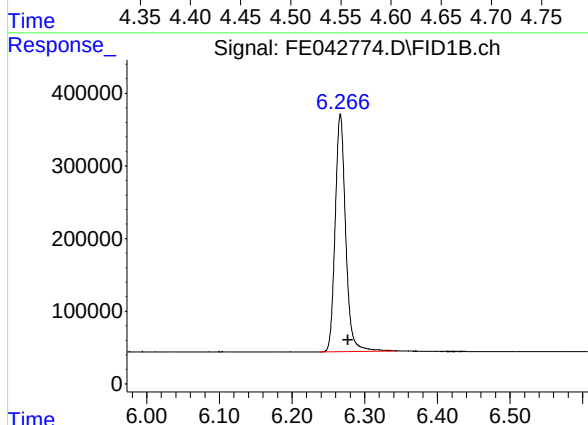
R.T.: 3.305 min
Delta R.T.: -0.012 min
Response: 2964616
Conc: 18.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



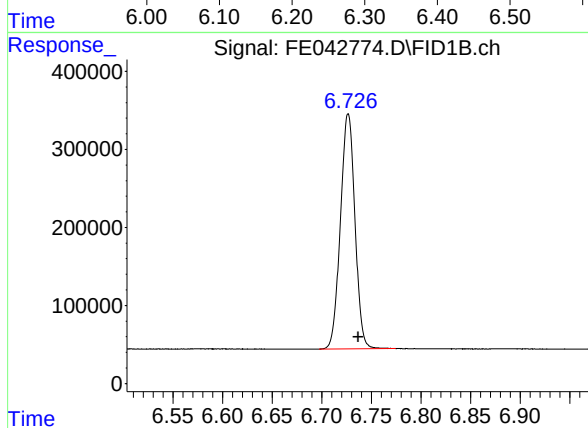
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.011 min
Response: 3035253
Conc: 19.02 ug/ml



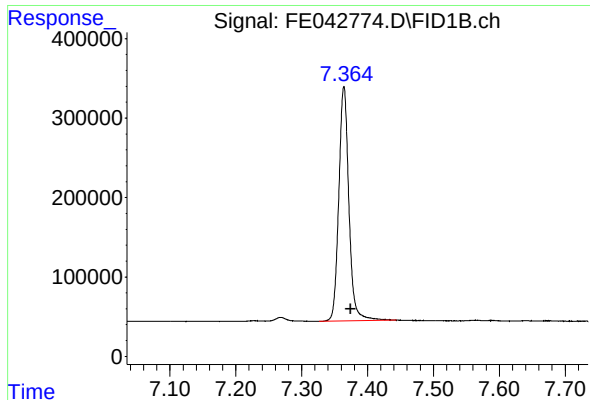
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: -0.010 min
Response: 3280338
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

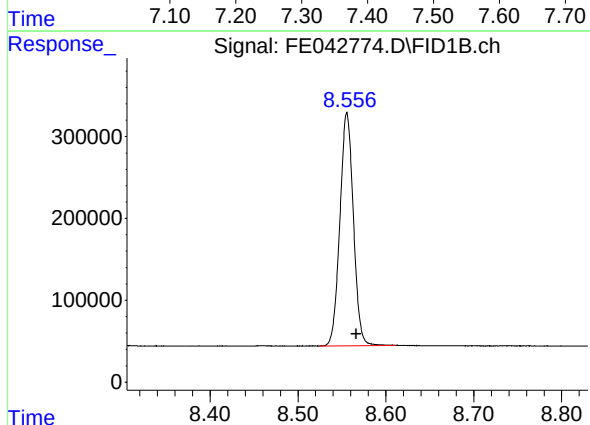
R.T.: 6.727 min
Delta R.T.: -0.010 min
Response: 3072721
Conc: 18.99 ug/ml



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

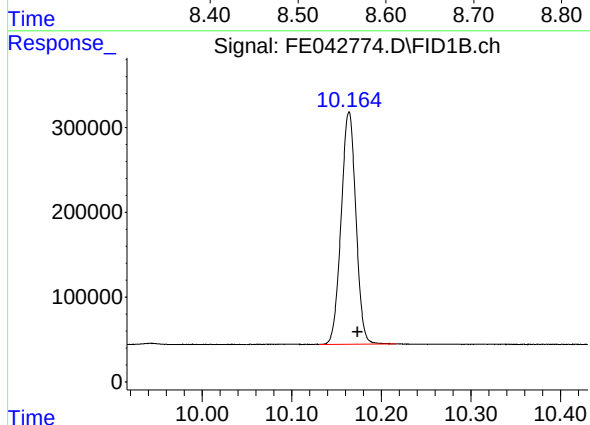
R.T.: 7.364 min
Delta R.T.: -0.010 min
Response: 3151876
Conc: 19.04 ug/ml

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20 PPM ALIPHATIC HC STD



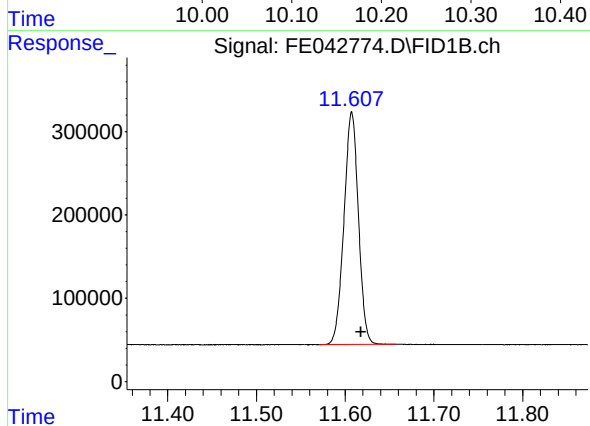
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: -0.010 min
Response: 3040585
Conc: 18.86 ug/ml



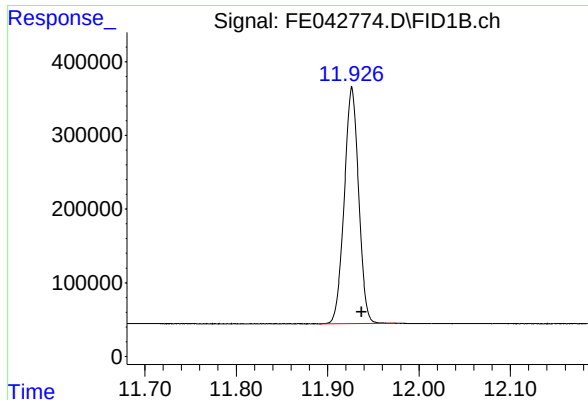
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.010 min
Response: 3136776
Conc: 18.64 ug/ml



#8 n-Octadecane (C18)

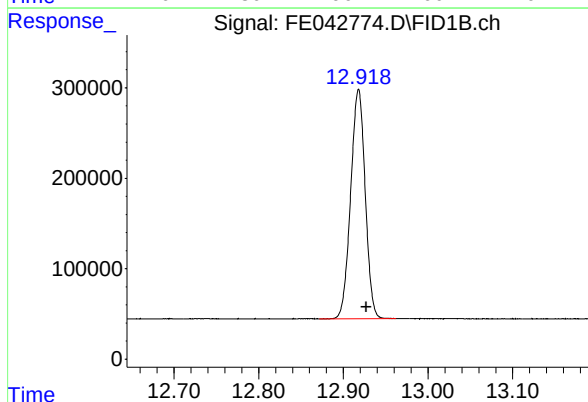
R.T.: 11.607 min
Delta R.T.: -0.010 min
Response: 3162296
Conc: 18.43 ug/ml



#9 ortho-Terphenyl (SURR)

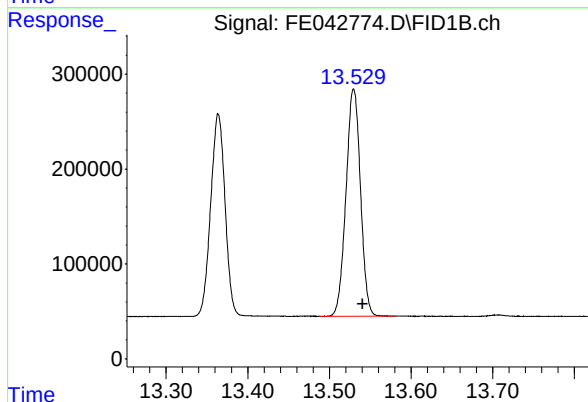
R.T.: 11.927 min
Delta R.T.: -0.011 min
Response: 3519086
Conc: 18.17 ug/ml

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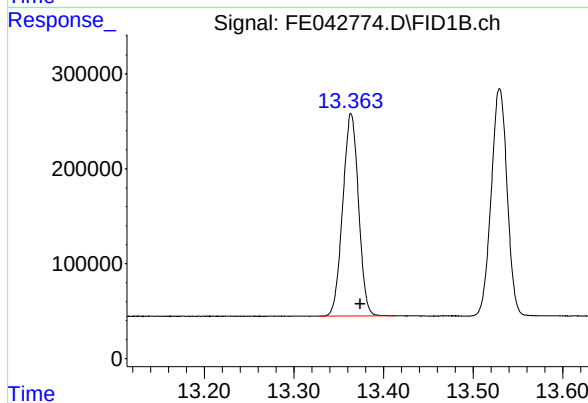
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.009 min
Response: 3022646
Conc: 18.21 ug/ml



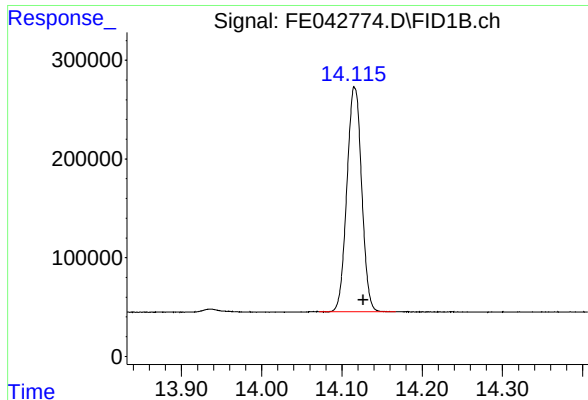
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.011 min
Response: 2954356
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

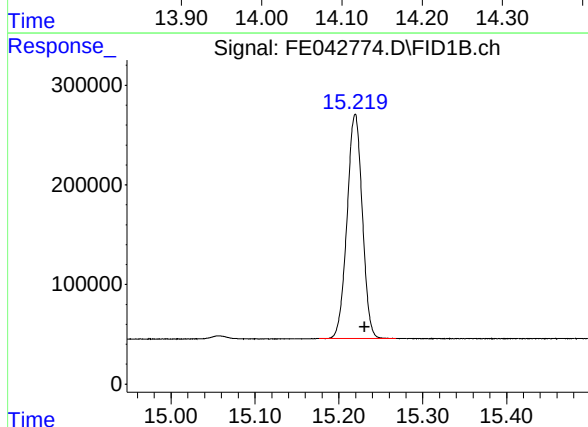
R.T.: 13.364 min
Delta R.T.: -0.010 min
Response: 2607173
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

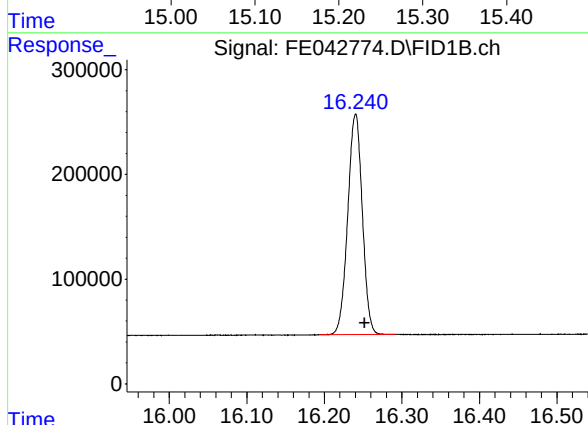
R.T.: 14.116 min
Delta R.T.: -0.011 min
Response: 2911658
Conc: 18.05 ug/ml

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20 PPM ALIPHATIC HC STD



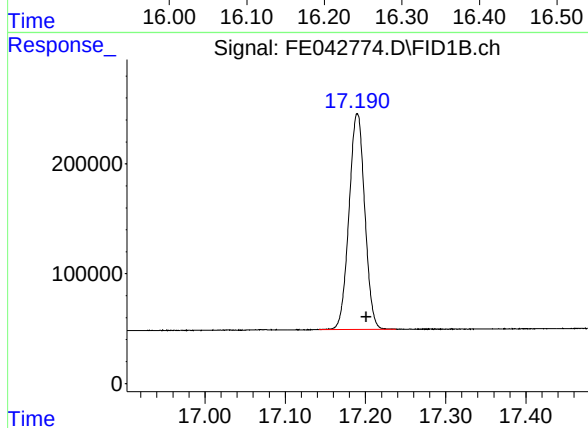
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.011 min
Response: 2847649
Conc: 18.03 ug/ml



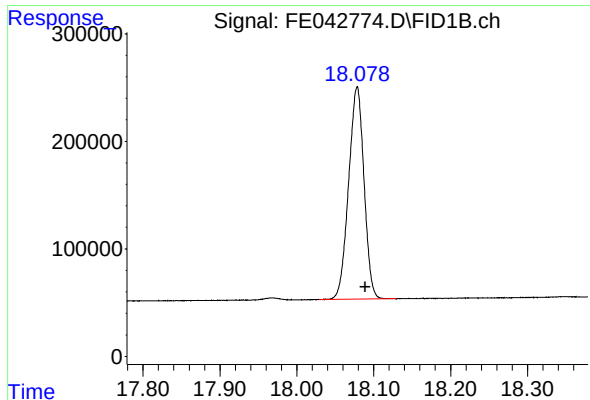
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: -0.011 min
Response: 2752088
Conc: 18.21 ug/ml



#16 n-Octacosane (C28)

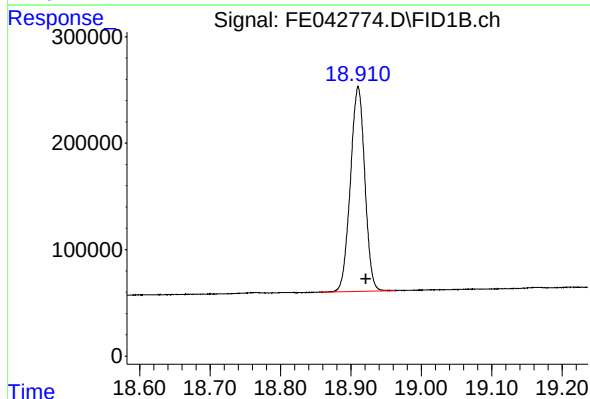
R.T.: 17.190 min
Delta R.T.: -0.011 min
Response: 2675503
Conc: 18.69 ug/ml



#17 n-Tricontane (C30)

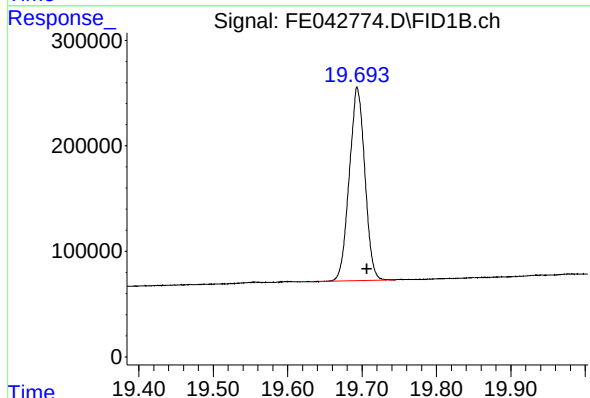
R.T.: 18.078 min
Delta R.T.: -0.011 min
Response: 2743352
Conc: 19.46 ug/ml

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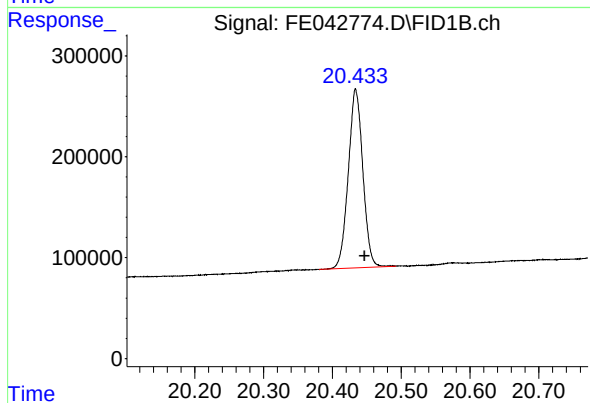
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.011 min
Response: 2731988
Conc: 20.07 ug/ml



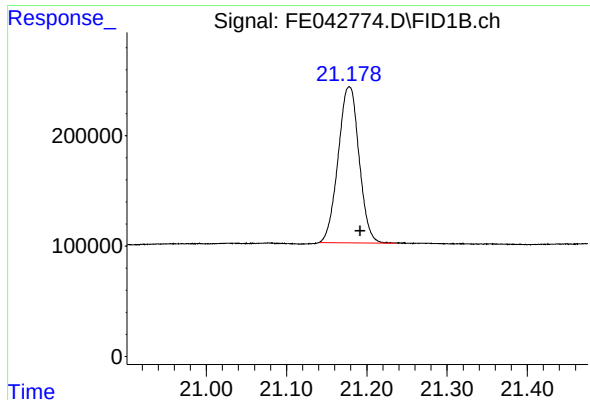
#19 n-Tetatriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.013 min
Response: 2657796
Conc: 20.10 ug/ml



#20 n-Hexatriacontane (C36)

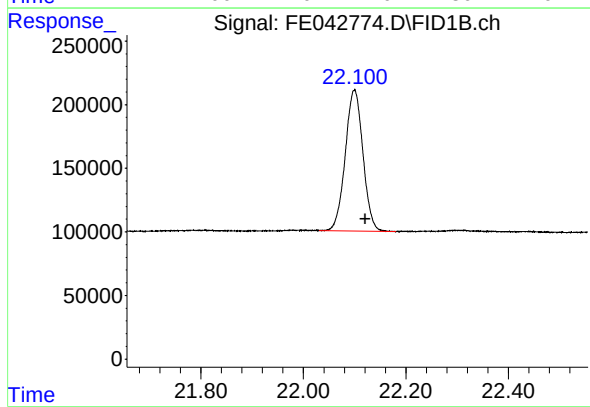
R.T.: 20.434 min
Delta R.T.: -0.013 min
Response: 2598923
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.014 min
Response: 2558880
Conc: 19.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.021 min
Response: 2659116
Conc: 20.40 ug/ml