

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071923AL\
 Data File : FE043342.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2023 00:58
 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: Jul 20 02:56:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.889	3702057	20.674 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
12) S 1-chlorooctadecane (S...	13.326	2736675	20.828 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
Target Compounds			
1) T n-Nonane (C9)	3.271	3153518	20.654 ug/ml
2) T n-Decane (C10)	4.523	3242668	20.800 ug/ml
3) T A~Naphthalene (C11.7)	6.233	3362261	20.895 ug/ml
4) T n-Dodecane (C12)	6.693	3269483	20.749 ug/ml
5) T A~2-methylnaphthalene...	7.330	3208444	21.144 ug/ml
6) T n-Tetradecane (C14)	8.522	3248326	20.537 ug/ml
7) T n-Hexadecane (C16)	10.129	3340354	20.641 ug/ml
8) T n-Octadecane (C18)	11.571	3366547	20.651 ug/ml
10) T n-Eicosane (C20)	12.881	3216140	20.700 ug/ml
11) T n-Heneicosane (C21)	13.492	3130755	20.665 ug/ml
13) T n-Docosane (C22)	14.079	3094637	20.707 ug/ml
14) T n-Tetracosane (C24)	15.181	3033723	20.657 ug/ml
15) T n-Hexacosane (C26)	16.202	2948654	20.703 ug/ml
16) T n-Octacosane (C28)	17.151	2908011	20.668 ug/ml
17) T n-Tricontane (C30)	18.039	3036307	20.611 ug/ml
18) T n-Dotriacontane (C32)	18.872	3060286	20.653 ug/ml
19) T n-Tetratriacontane (C34)	19.655	2973565	20.604 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2861791	19.471 ug/ml
21) T n-Octatriacontane (C38)	21.130	2833051	19.860 ug/ml
22) T n-Tetracontane (C40)	22.036	2843098	19.264 ug/ml

(f)=RT Delta > 1/2 Window

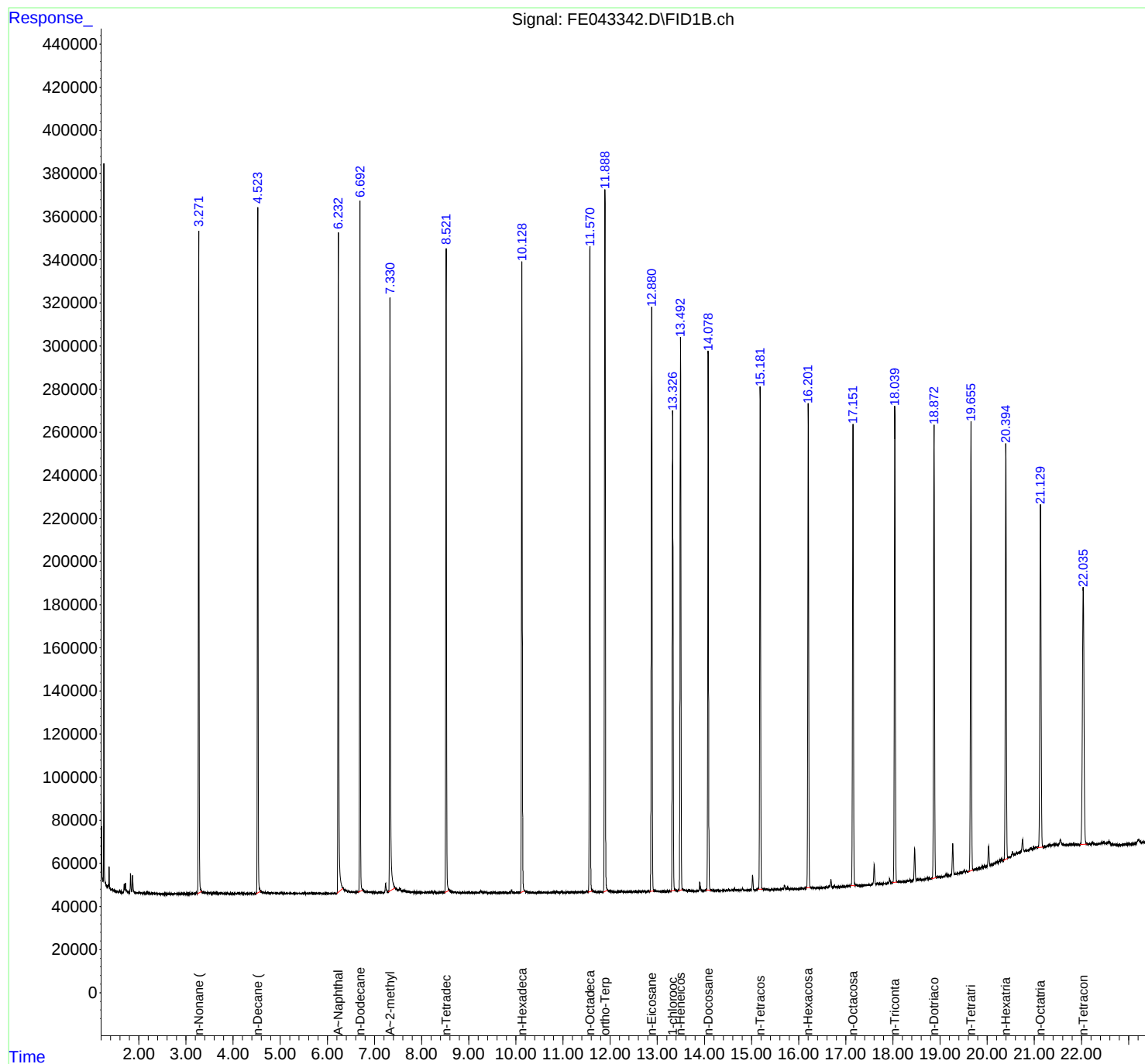
(m)=manual int.

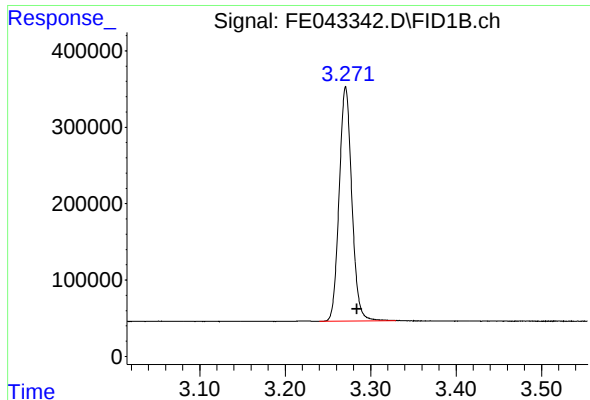
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071923AL\
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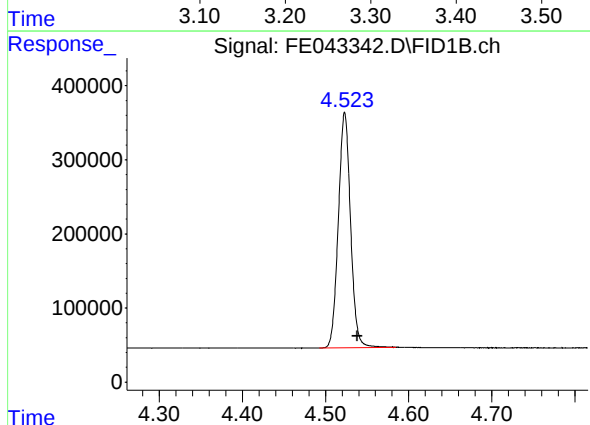




#1 n-Nonane (C9)

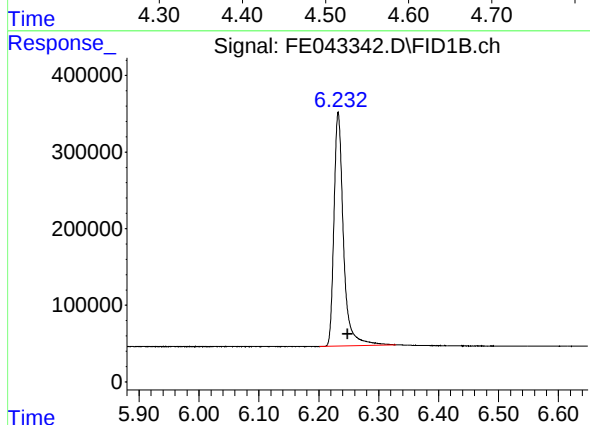
R.T.: 3.271 min
Delta R.T.: -0.013 min
Response: 3153518
Conc: 20.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



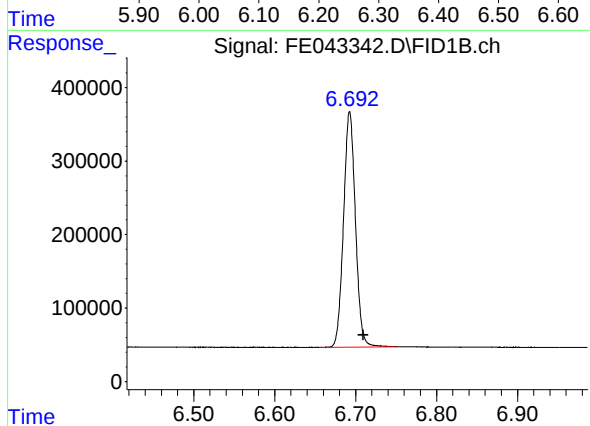
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 3242668
Conc: 20.80 ug/ml



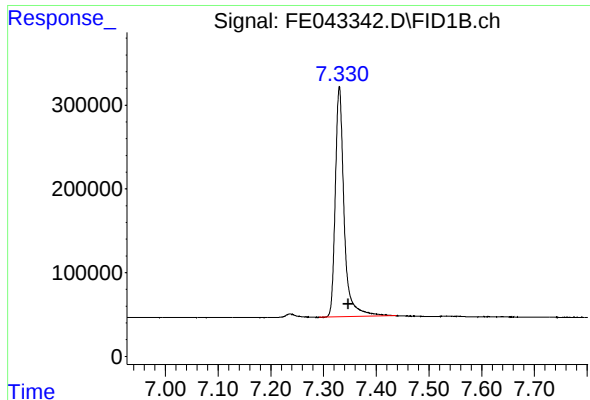
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.015 min
Response: 3362261
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

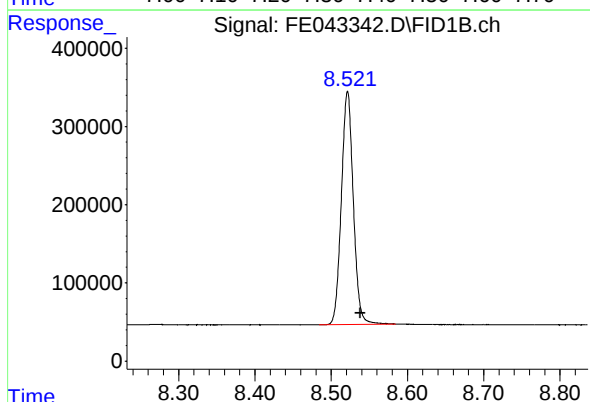
R.T.: 6.693 min
Delta R.T.: -0.017 min
Response: 3269483
Conc: 20.75 ug/ml



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

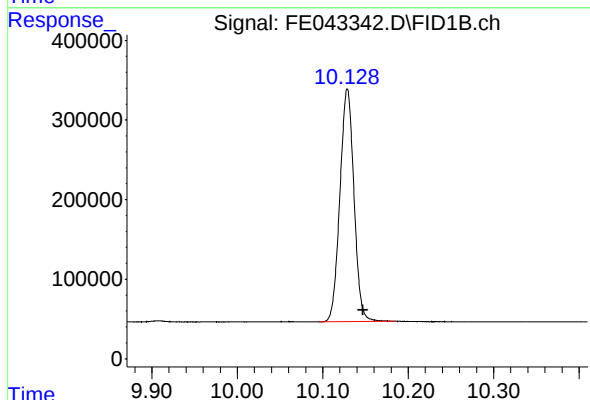
R.T.: 7.330 min
Delta R.T.: -0.017 min
Response: 3208444
Conc: 21.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



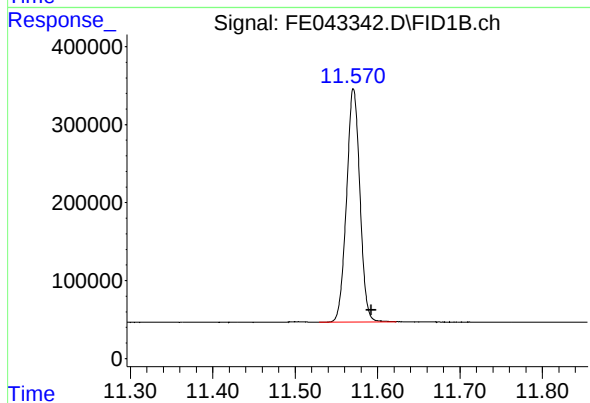
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.017 min
Response: 3248326
Conc: 20.54 ug/ml



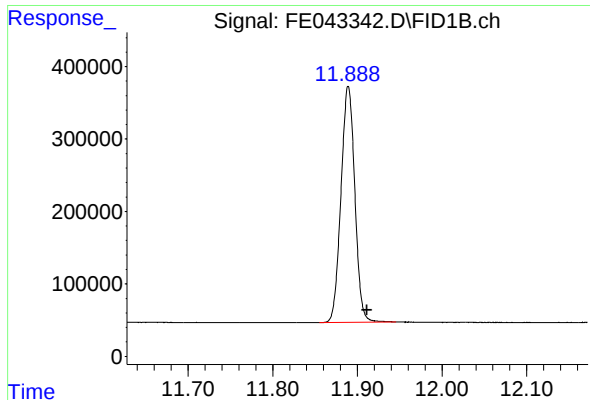
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.018 min
Response: 3340354
Conc: 20.64 ug/ml



#8 n-Octadecane (C18)

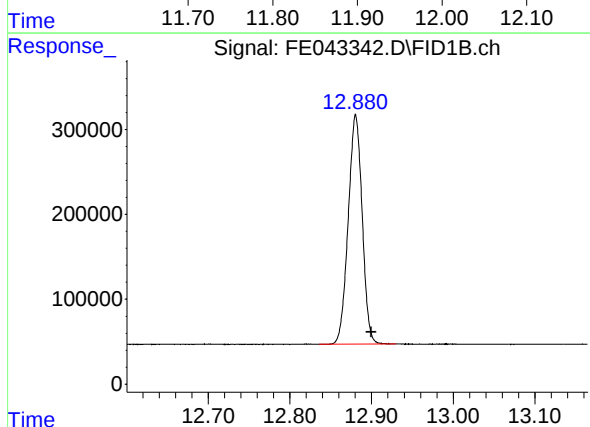
R.T.: 11.571 min
Delta R.T.: -0.021 min
Response: 3366547
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

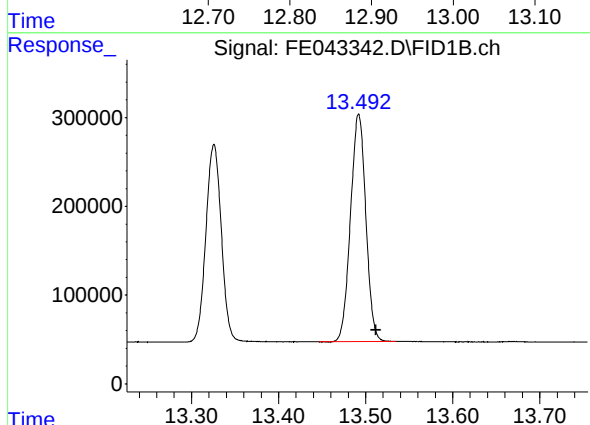
R.T.: 11.889 min
Delta R.T.: -0.022 min
Response: 3702057
Conc: 20.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



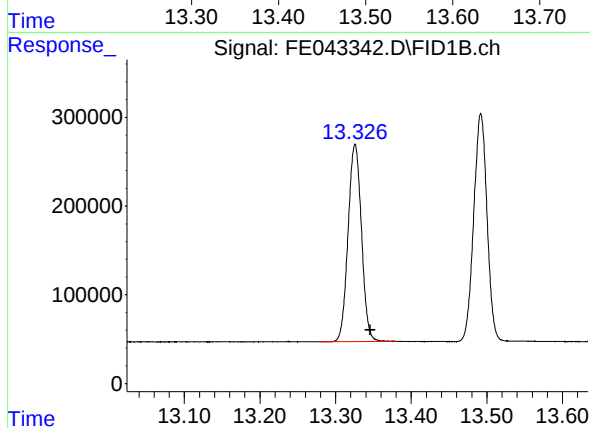
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.019 min
Response: 3216140
Conc: 20.70 ug/ml



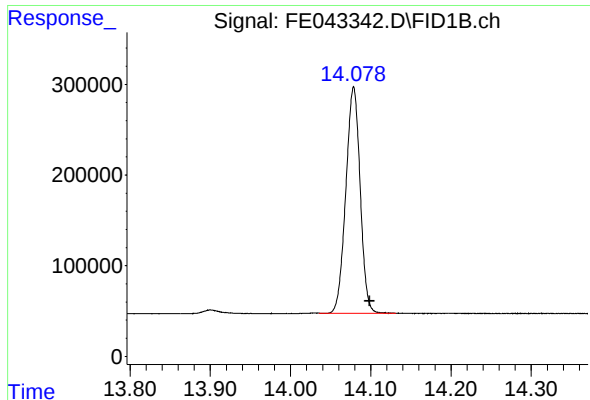
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.020 min
Response: 3130755
Conc: 20.66 ug/ml



#12 1-chlorooctadecane (SURR)

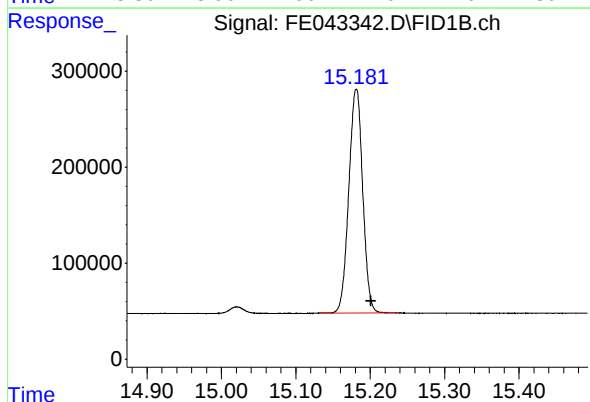
R.T.: 13.326 min
Delta R.T.: -0.020 min
Response: 2736675
Conc: 20.83 ug/ml



#13 n-Docosane (C22)

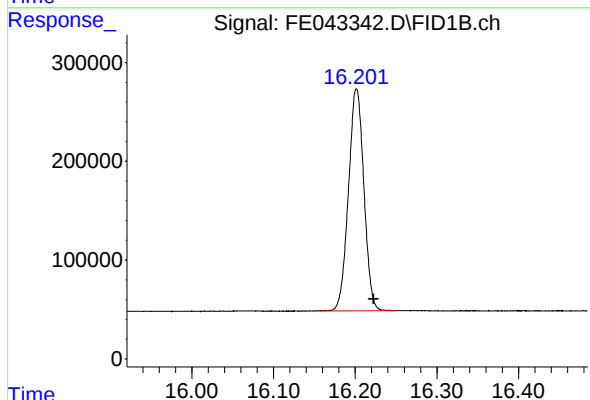
R.T.: 14.079 min
Delta R.T.: -0.020 min
Response: 3094637
Conc: 20.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



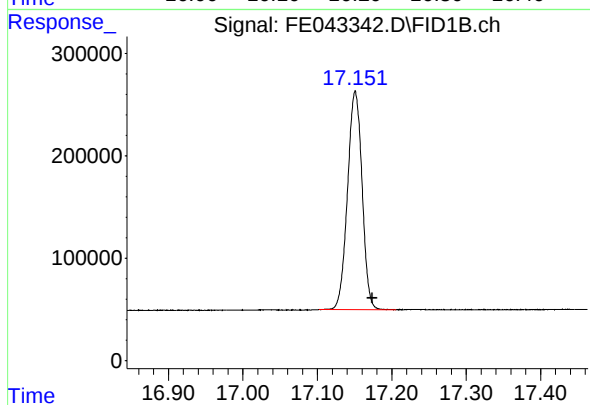
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.020 min
Response: 3033723
Conc: 20.66 ug/ml



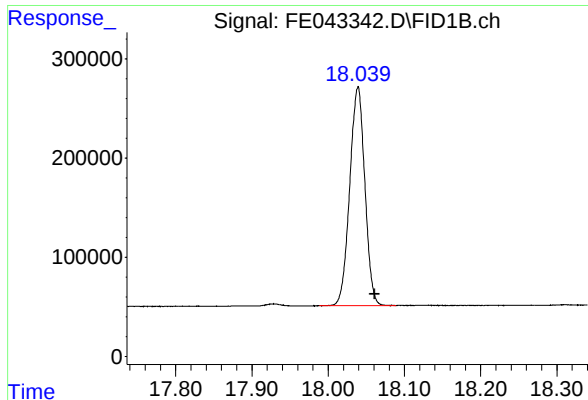
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.021 min
Response: 2948654
Conc: 20.70 ug/ml



#16 n-Octacosane (C28)

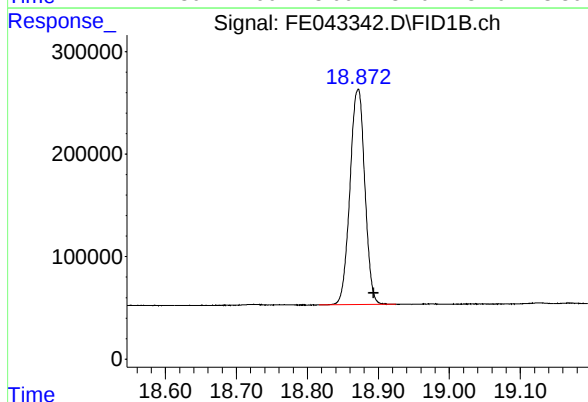
R.T.: 17.151 min
Delta R.T.: -0.023 min
Response: 2908011
Conc: 20.67 ug/ml



#17 n-Tricontane (C30)

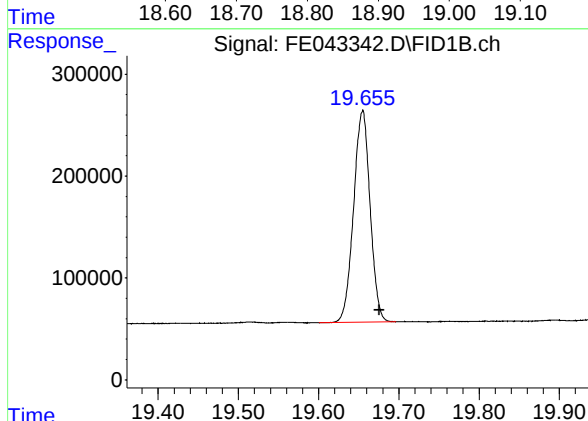
R.T.: 18.039 min
Delta R.T.: -0.022 min
Response: 3036307
Conc: 20.61 ug/ml

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20 PPM ALIPHATIC HC STD



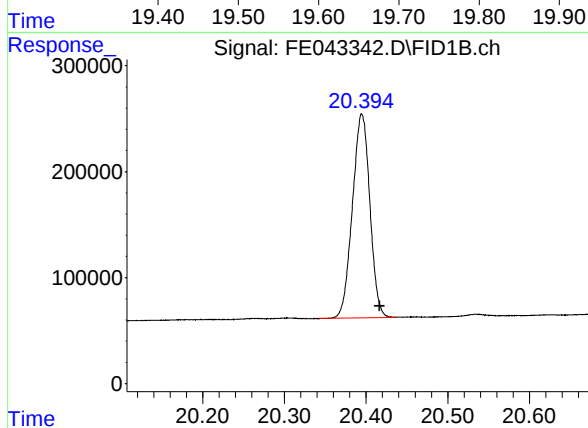
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.022 min
Response: 3060286
Conc: 20.65 ug/ml



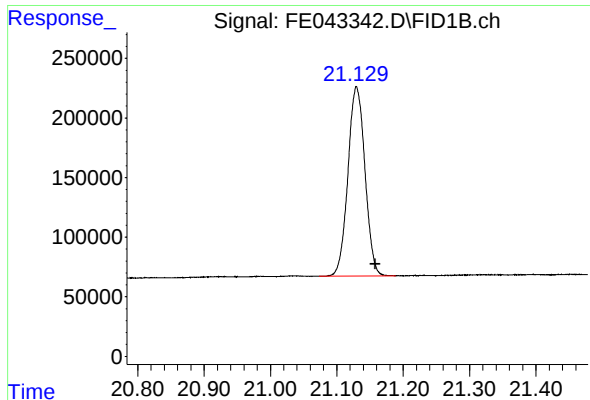
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.021 min
Response: 2973565
Conc: 20.60 ug/ml



#20 n-Hexatriacontane (C36)

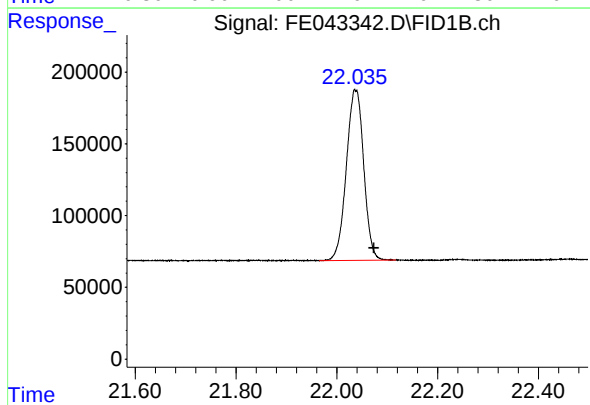
R.T.: 20.395 min
Delta R.T.: -0.022 min
Response: 2861791
Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.029 min
Response: 2833051
Conc: 19.86 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.036 min
Delta R.T.: -0.038 min
Response: 2843098
Conc: 19.26 ug/ml