

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122322AL\
 Data File : FE039475.D
 Signal(s) : FID1B.ch
 Acq On : 23 Dec 2022 23:42
 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: Dec 25 11:30:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.931	3074625	20.603 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
12) S 1-chlorooctadecane (S...	13.366	2345653	20.379 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	3.325	2570149	19.884 ug/ml
2) T n-Decane (C10)	4.574	2586560	20.299 ug/ml
3) T A~Naphthalene (C11.7)	6.276	2954096	20.435 ug/ml
4) T n-Dodecane (C12)	6.738	2599132	20.020 ug/ml
5) T A~2-methylnaphthalene...	7.371	2756492	20.353 ug/ml
6) T n-Tetradecane (C14)	8.564	2651277	20.008 ug/ml
7) T n-Hexadecane (C16)	10.171	2768690	20.125 ug/ml
8) T n-Octadecane (C18)	11.613	2840261	20.279 ug/ml
10) T n-Eicosane (C20)	12.923	2781840	20.379 ug/ml
11) T n-Heneicosane (C21)	13.535	2778767	20.373 ug/ml
13) T n-Docosane (C22)	14.120	2766559	20.451 ug/ml
14) T n-Tetracosane (C24)	15.224	2737846	20.395 ug/ml
15) T n-Hexacosane (C26)	16.244	2658480	20.417 ug/ml
16) T n-Octacosane (C28)	17.195	2701075	20.987 ug/ml
17) T n-Tricontane (C30)	18.084	2865958	22.260 ug/ml
18) T n-Dotriacontane (C32)	18.917	2946970	22.756 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2779989	22.035 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2492432	20.613 ug/ml
21) T n-Octatriacontane (C38)	21.178	2466552	19.972 ug/ml
22) T n-Tetracontane (C40)	22.092	2379015	18.944 ug/ml

(f)=RT Delta > 1/2 Window

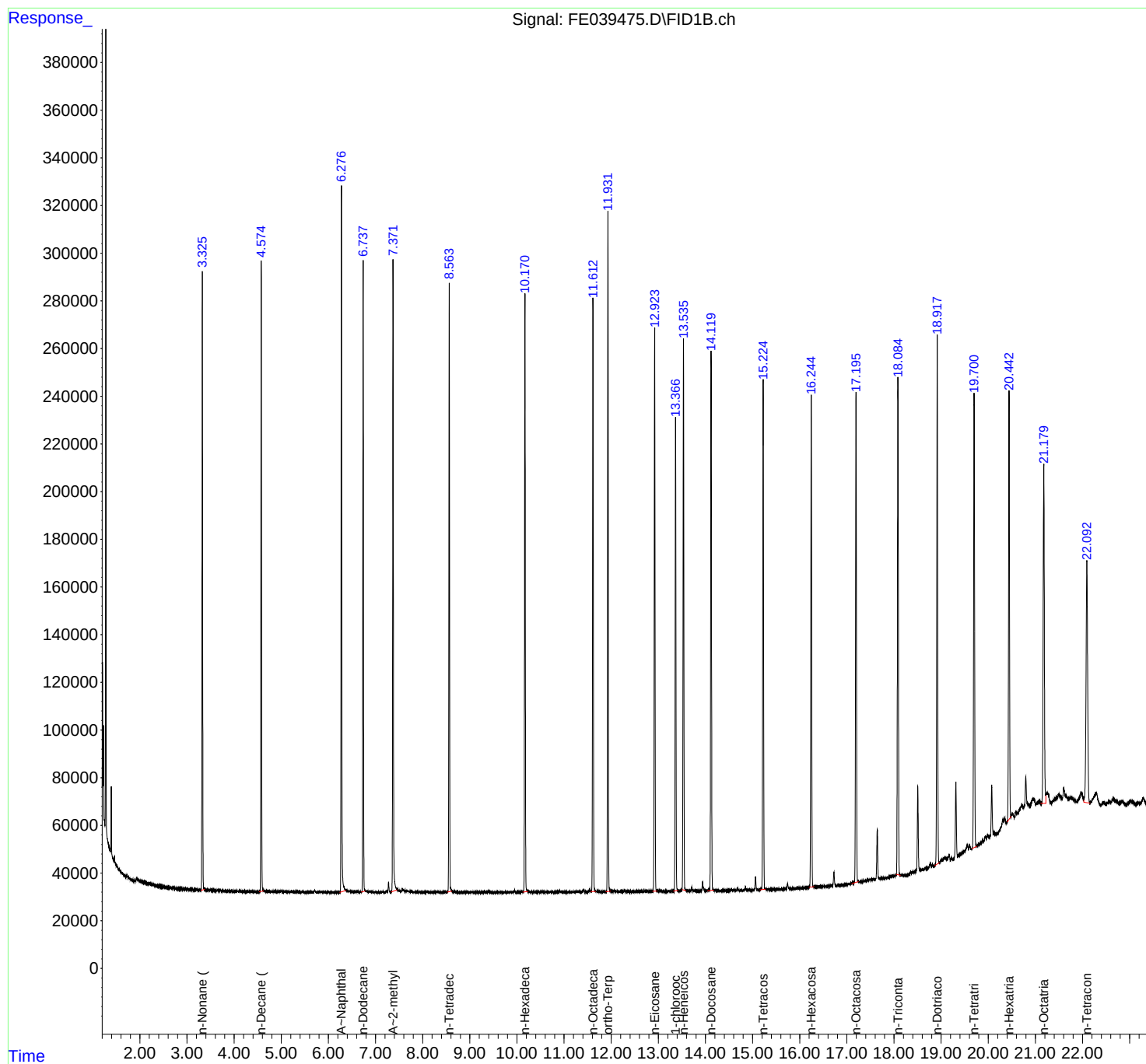
(m)=manual int.

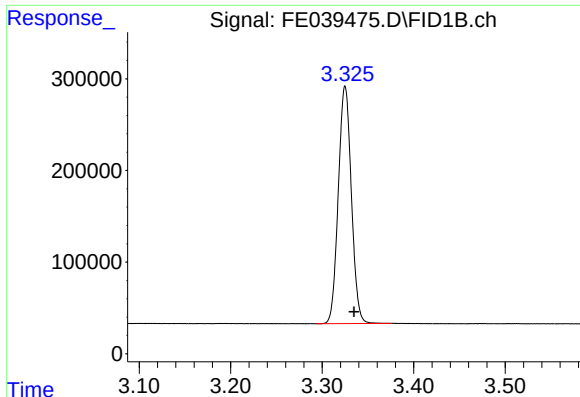
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122322AL\
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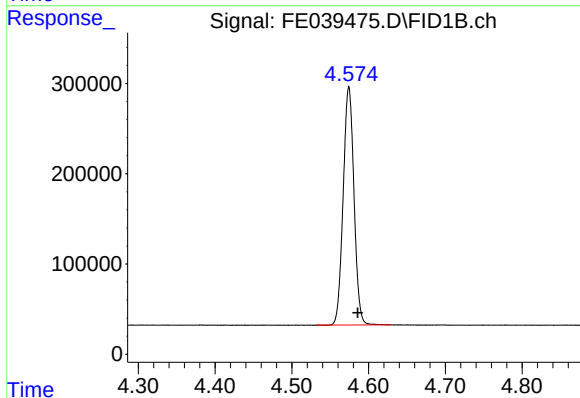




#1 n-Nonane (C9)

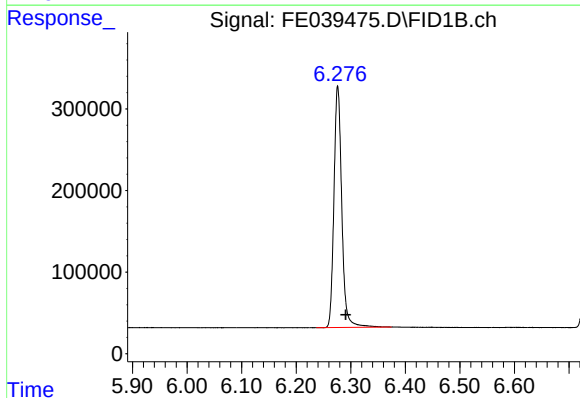
R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 2570149
Conc: 19.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



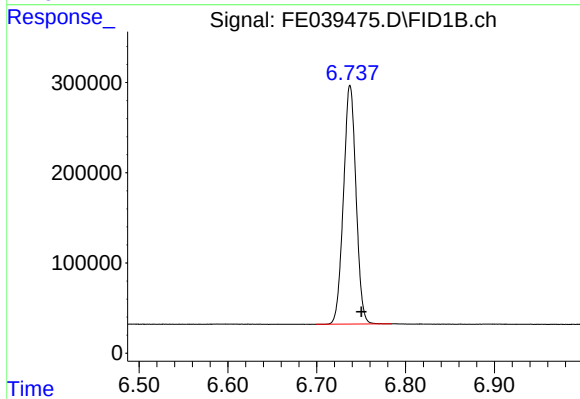
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.011 min
Response: 2586560
Conc: 20.30 ug/ml



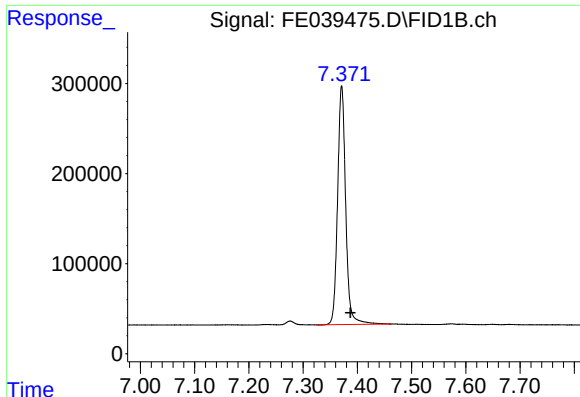
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.015 min
Response: 2954096
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

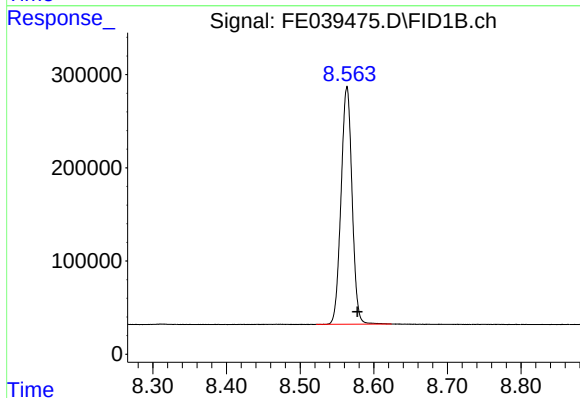
R.T.: 6.738 min
Delta R.T.: -0.013 min
Response: 2599132
Conc: 20.02 ug/ml



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

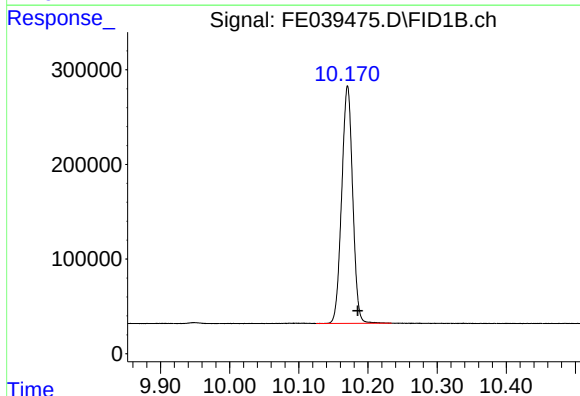
R.T.: 7.371 min
Delta R.T.: -0.016 min
Response: 2756492
Conc: 20.35 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



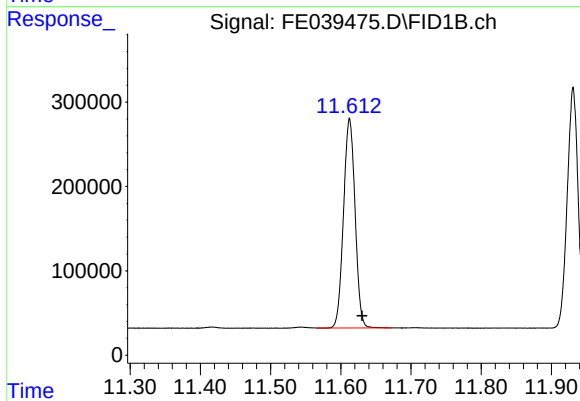
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.014 min
Response: 2651277
Conc: 20.01 ug/ml



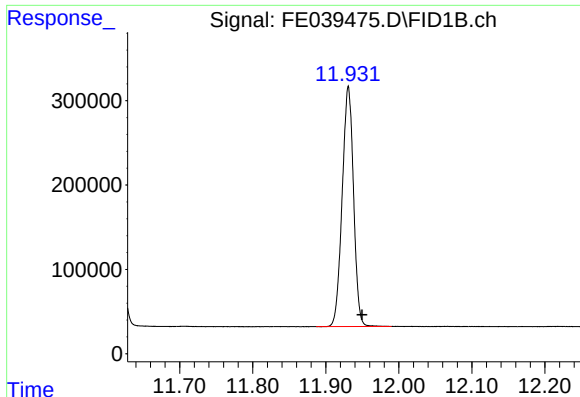
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.015 min
Response: 2768690
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

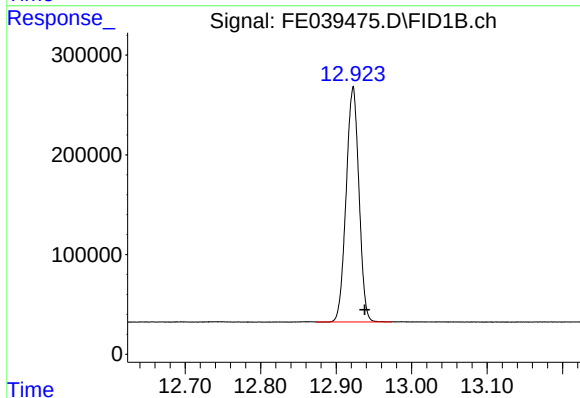
R.T.: 11.613 min
Delta R.T.: -0.018 min
Response: 2840261
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

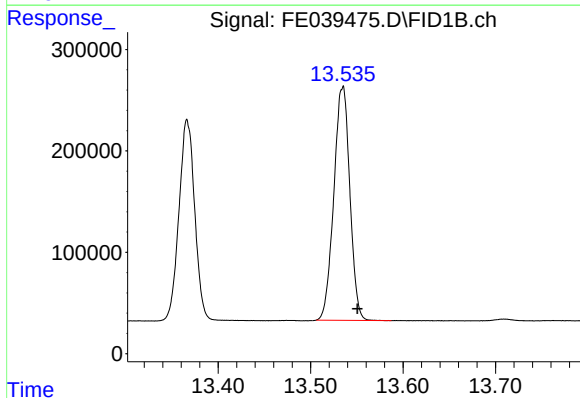
R.T.: 11.931 min
Delta R.T.: -0.019 min
Response: 3074625
Conc: 20.60 ug/ml

Instrument :
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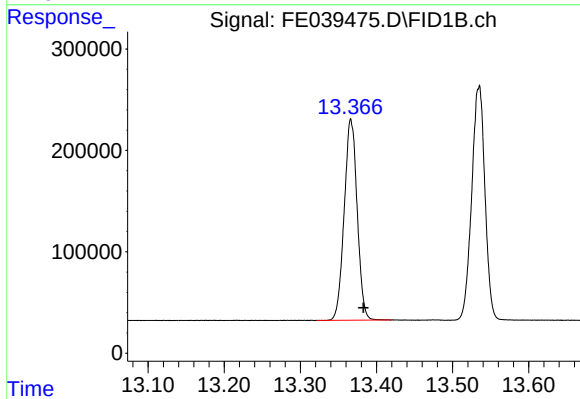
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.015 min
Response: 2781840
Conc: 20.38 ug/ml



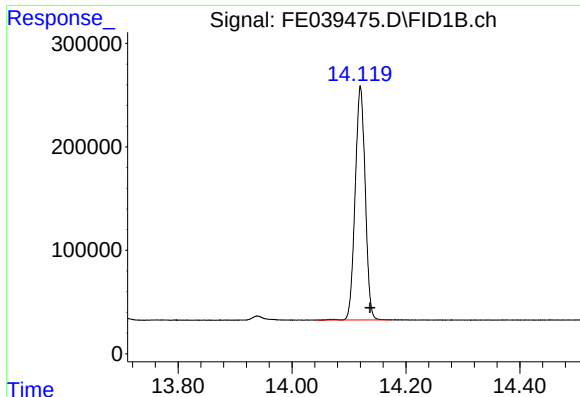
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.016 min
Response: 2778767
Conc: 20.37 ug/ml



#12 1-chlorooctadecane (SURR)

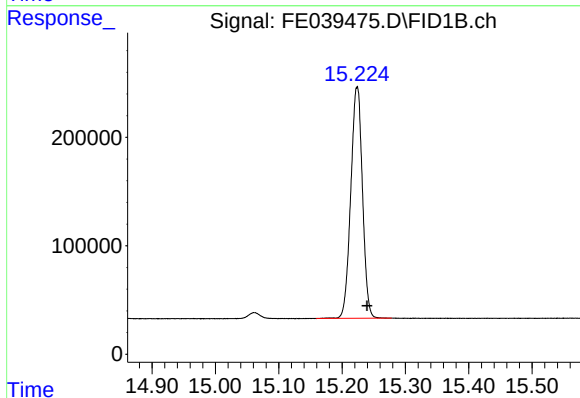
R.T.: 13.366 min
Delta R.T.: -0.017 min
Response: 2345653
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

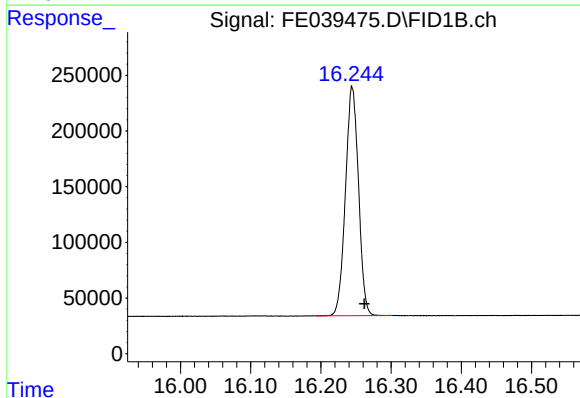
R.T.: 14.120 min
Delta R.T.: -0.017 min
Response: 2766559
Conc: 20.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



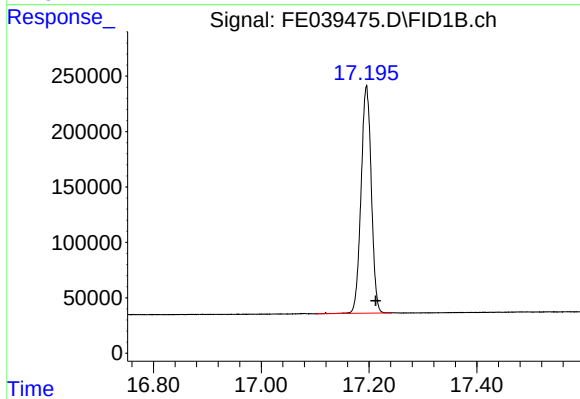
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.016 min
Response: 2737846
Conc: 20.40 ug/ml



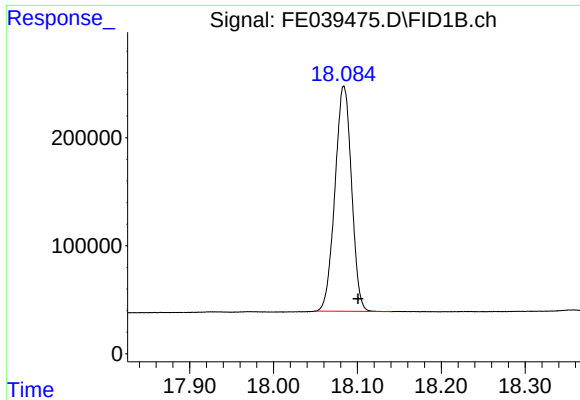
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.018 min
Response: 2658480
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

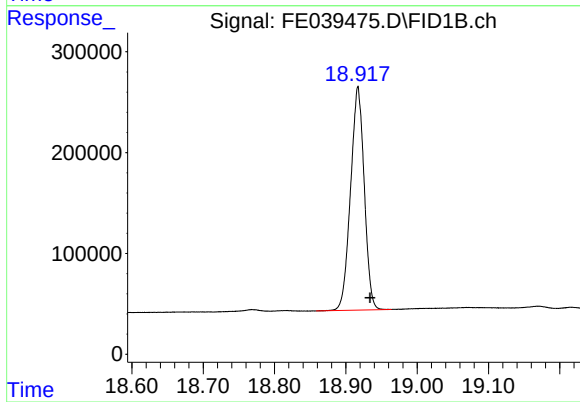
R.T.: 17.195 min
Delta R.T.: -0.017 min
Response: 2701075
Conc: 20.99 ug/ml



#17 n-Tricontane (C30)

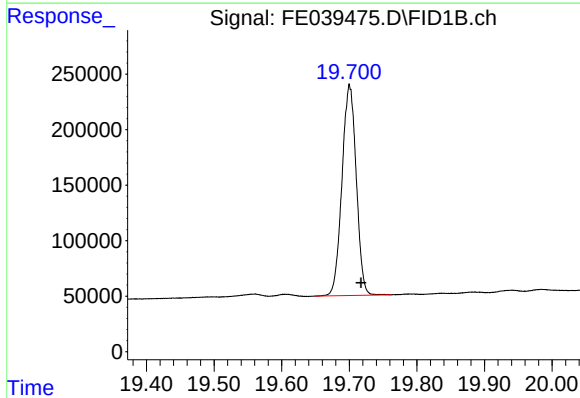
R.T.: 18.084 min
Delta R.T.: -0.017 min
Response: 2865958
Conc: 22.26 ug/ml

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20 PPM ALIPHATIC HC STD



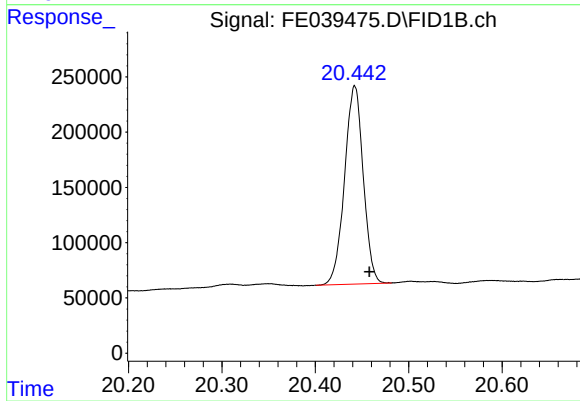
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.017 min
Response: 2946970
Conc: 22.76 ug/ml



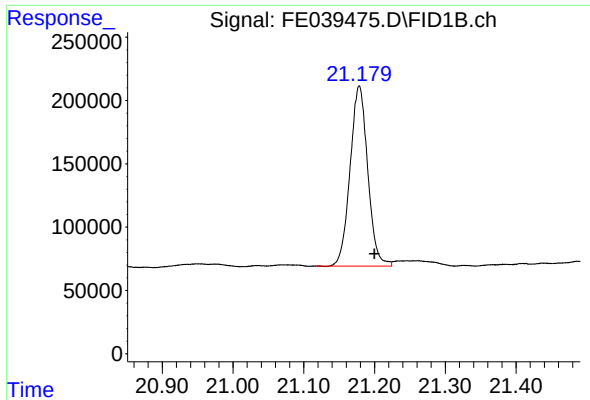
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.017 min
Response: 2779989
Conc: 22.04 ug/ml



#20 n-Hexatriacontane (C36)

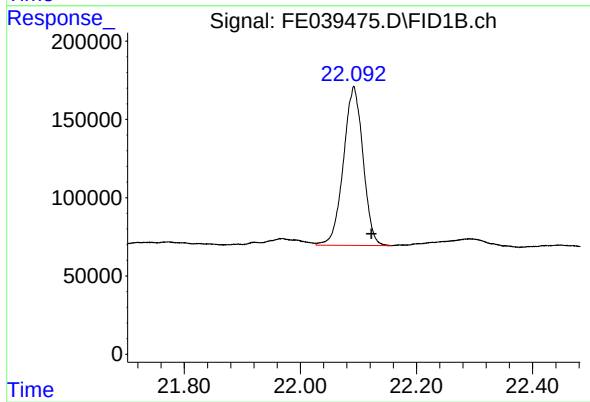
R.T.: 20.442 min
Delta R.T.: -0.016 min
Response: 2492432
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.021 min
Response: 2466552
Conc: 19.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.030 min
Response: 2379015
Conc: 18.94 ug/ml