

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060222AL\
 Data File : FE035890.D
 Signal(s) : FID1B.CH
 Acq On : 03 Jun 2022 6:20
 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 03 06:53:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.949	2636359	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	12.381	2032775	19.433 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	2.802	2499687	20.930 ug/ml
2) T n-Decane (C10)	3.816	2472291	20.892 ug/ml
3) T A~Naphthalene (C11.7)	5.382	2716117	20.327 ug/ml
4) T n-Dodecane (C12)	5.806	2479028	20.692 ug/ml
5) T A~2-methylnaphthalene...	6.431	2725542	20.154 ug/ml
6) T n-Tetradecane (C14)	7.594	2450217	20.557 ug/ml
7) T n-Hexadecane (C16)	9.192	2425602	20.342 ug/ml
8) T n-Octadecane (C18)	10.630	2414414	20.141 ug/ml
10) T n-Eicosane (C20)	11.936	2366531	19.837 ug/ml
11) T n-Heneicosane (C21)	12.547	2365292	19.700 ug/ml
13) T n-Docosane (C22)	13.132	2360168	19.598 ug/ml
14) T n-Tetracosane (C24)	14.233	2347302	19.399 ug/ml
15) T n-Hexacosane (C26)	15.251	2310487	19.093 ug/ml
16) T n-Octacosane (C28)	16.198	2289610	18.892 ug/ml
17) T n-Tricontane (C30)	17.083	2262887	18.819 ug/ml
18) T n-Dotriacontane (C32)	17.914	2173088	18.909 ug/ml
19) T n-Tetratriacontane (C34)	18.696	2073398	19.167 ug/ml
20) T n-Hexatriacontane (C36)	19.434	1989851	19.753 ug/ml
21) T n-Octatriacontane (C38)	20.169	1963845	20.612 ug/ml
22) T n-Tetracontane (C40)	21.082	2002471	21.443 ug/ml

(f)=RT Delta > 1/2 Window

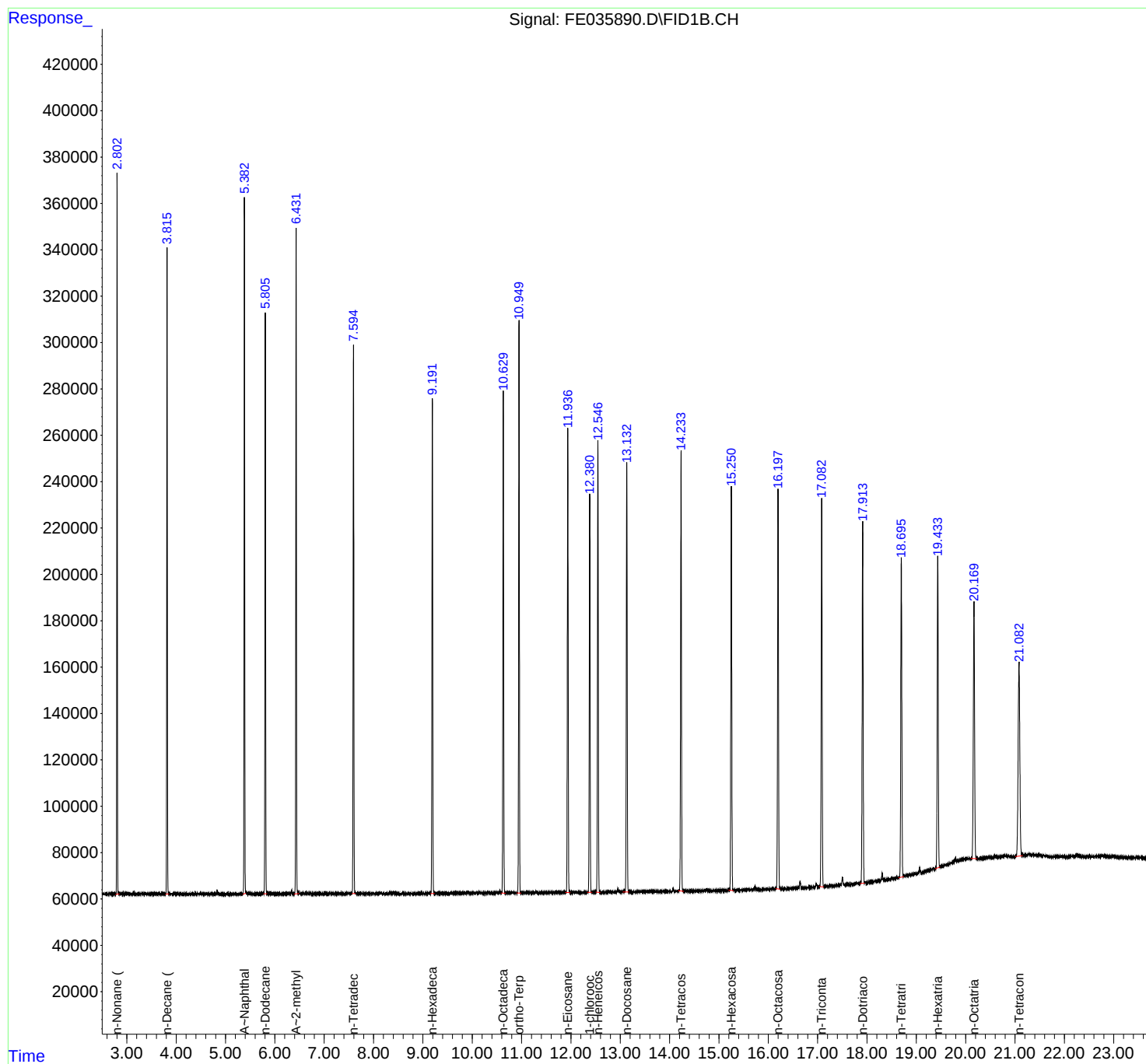
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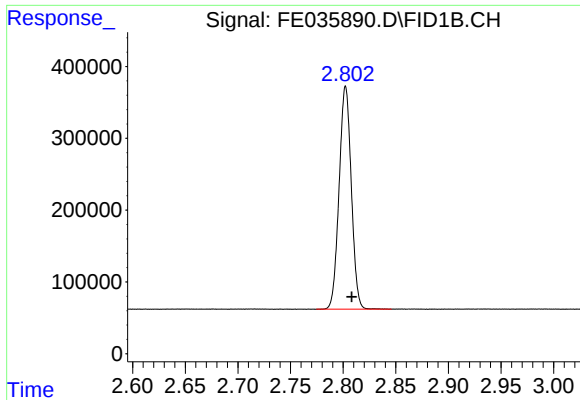
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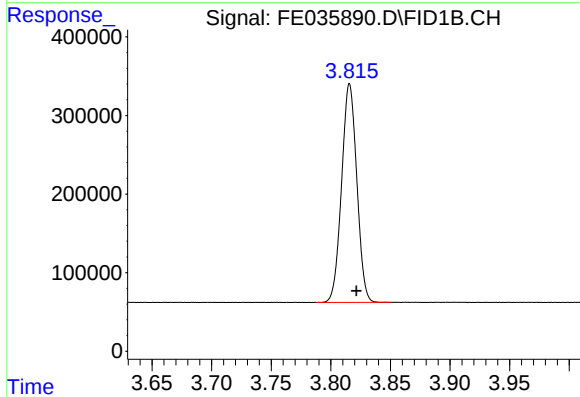




#1 n-Nonane (C9)

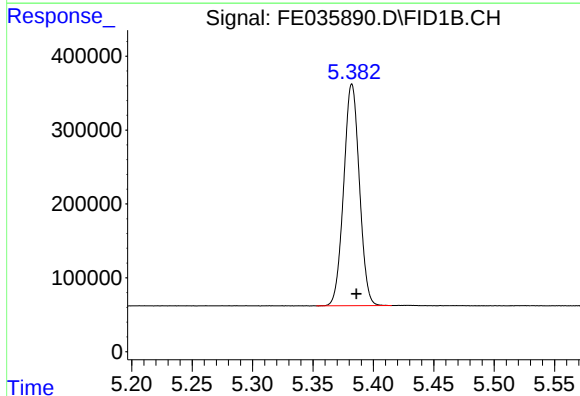
R.T.: 2.802 min
Delta R.T.: -0.006 min
Response: 2499687
Conc: 20.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



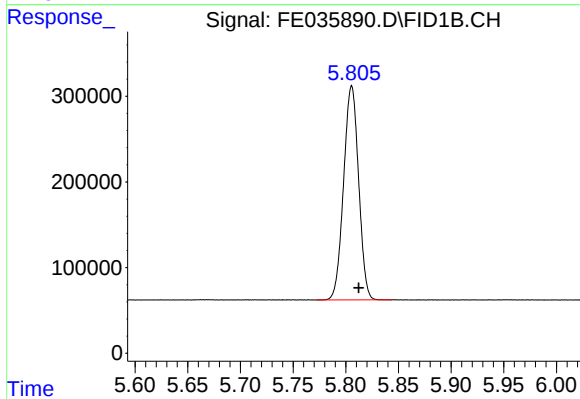
#2 n-Decane (C10)

R.T.: 3.816 min
Delta R.T.: -0.006 min
Response: 2472291
Conc: 20.89 ug/ml



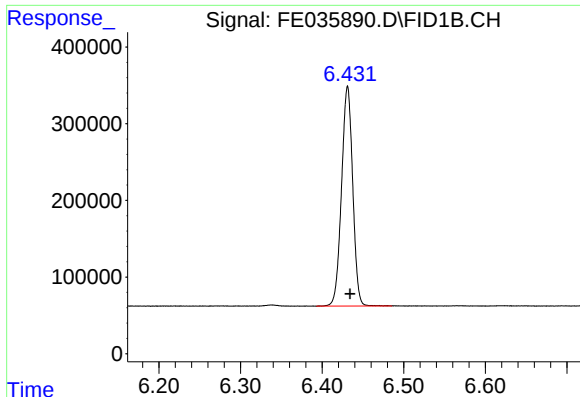
#3 A~Naphthalene (C11.7)

R.T.: 5.382 min
Delta R.T.: -0.004 min
Response: 2716117
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

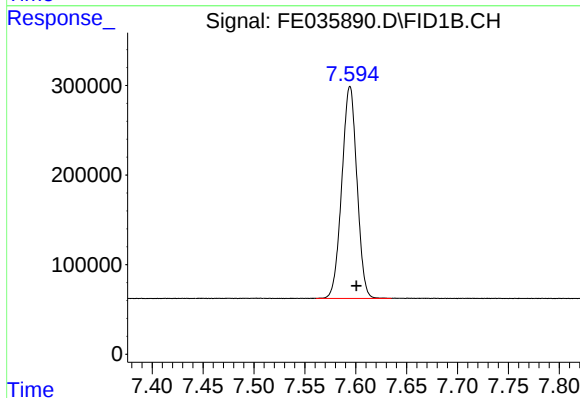
R.T.: 5.806 min
Delta R.T.: -0.007 min
Response: 2479028
Conc: 20.69 ug/ml



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

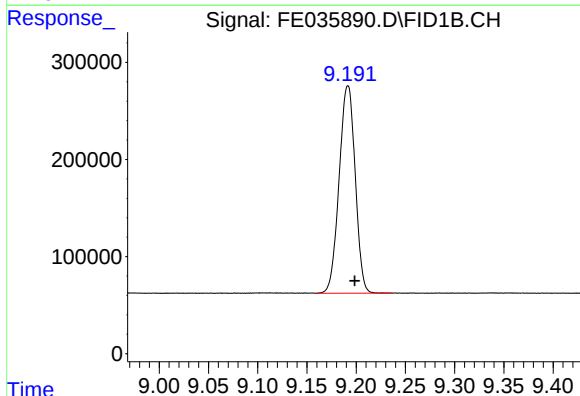
R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 2725542
Conc: 20.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



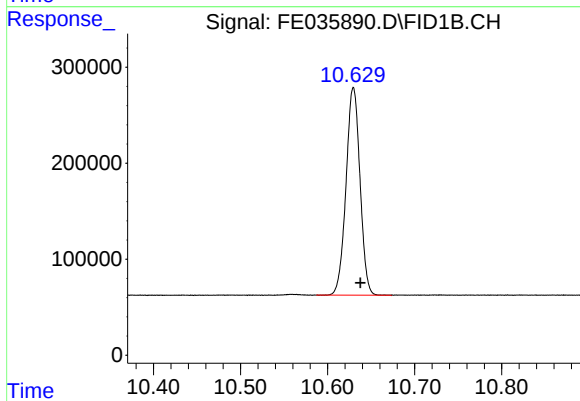
#6 n-Tetradecane (C14)

R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 2450217
Conc: 20.56 ug/ml



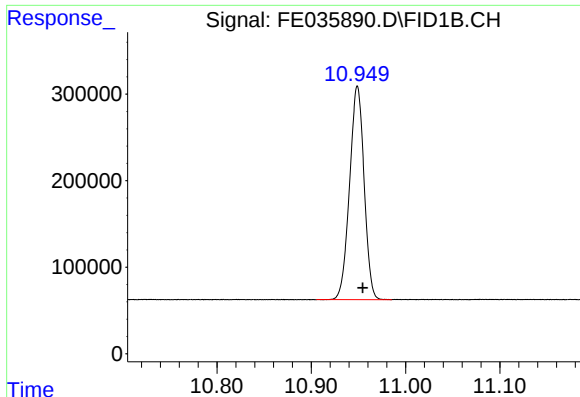
#7 n-Hexadecane (C16)

R.T.: 9.192 min
Delta R.T.: -0.007 min
Response: 2425602
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

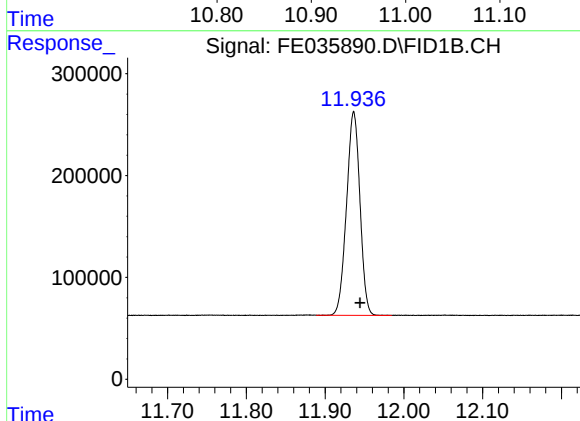
R.T.: 10.630 min
Delta R.T.: -0.008 min
Response: 2414414
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

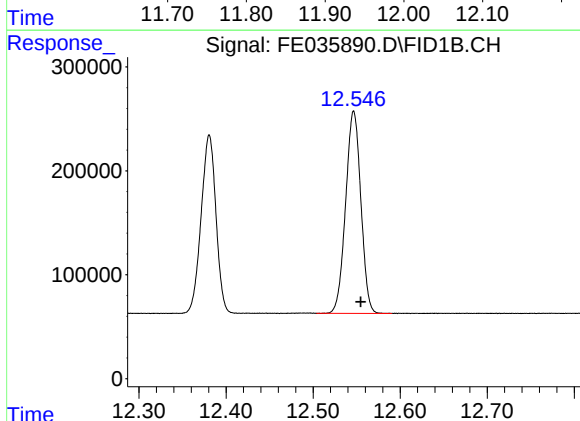
R.T.: 10.949 min
Delta R.T.: -0.006 min
Response: 2636359
Conc: 19.87 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



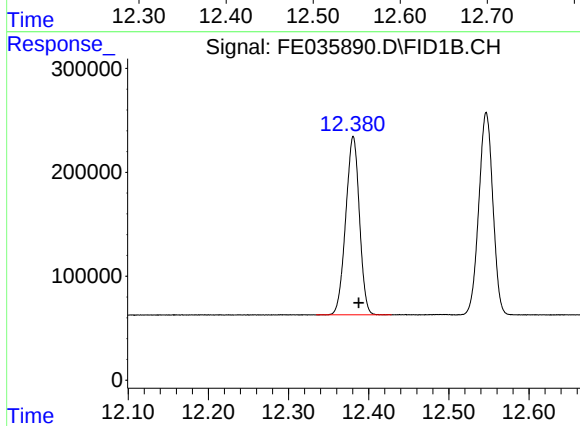
#10 n-Eicosane (C20)

R.T.: 11.936 min
Delta R.T.: -0.008 min
Response: 2366531
Conc: 19.84 ug/ml



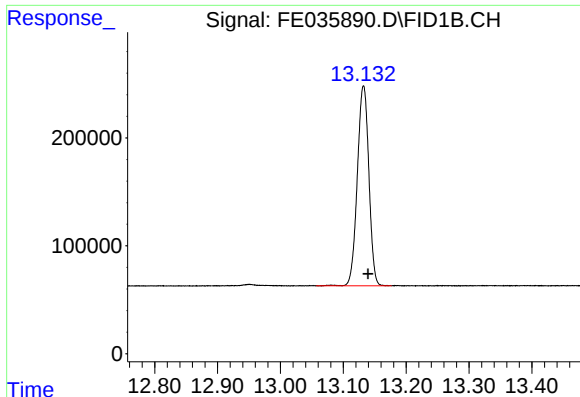
#11 n-Heneicosane (C21)

R.T.: 12.547 min
Delta R.T.: -0.008 min
Response: 2365292
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

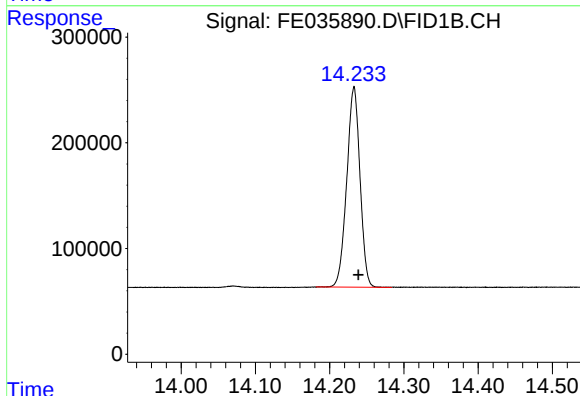
R.T.: 12.381 min
Delta R.T.: -0.007 min
Response: 2032775
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

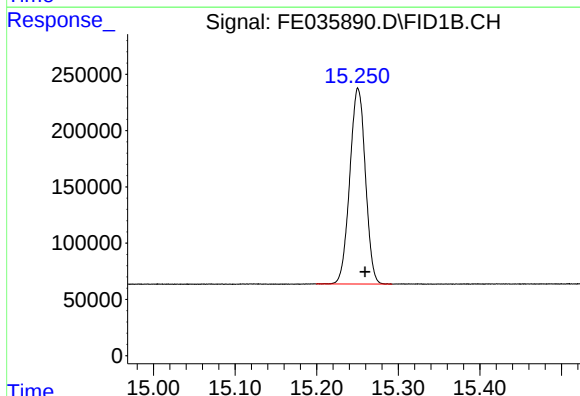
R.T.: 13.132 min
Delta R.T.: -0.007 min
Response: 2360168
Conc: 19.60 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



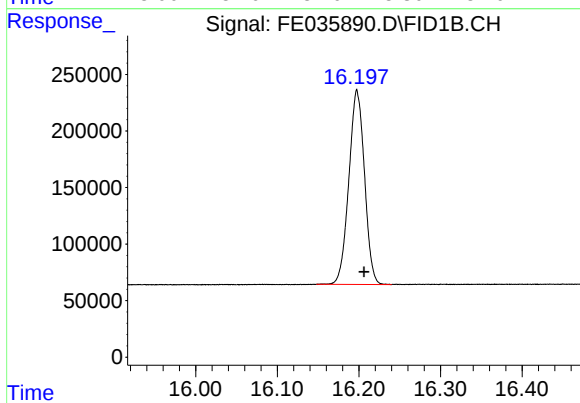
#14 n-Tetracosane (C24)

R.T.: 14.233 min
Delta R.T.: -0.006 min
Response: 2347302
Conc: 19.40 ug/ml



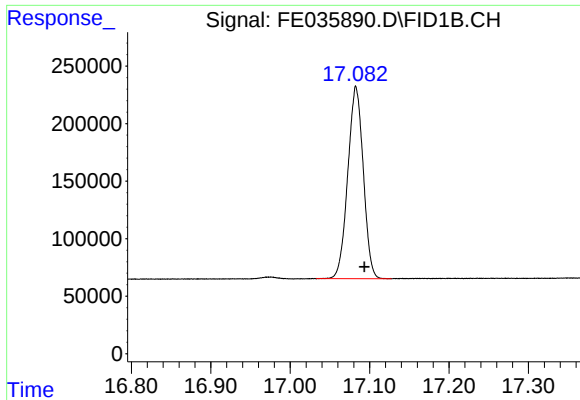
#15 n-Hexacosane (C26)

R.T.: 15.251 min
Delta R.T.: -0.009 min
Response: 2310487
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

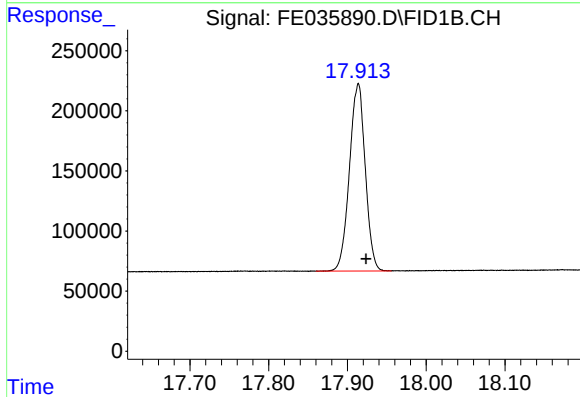
R.T.: 16.198 min
Delta R.T.: -0.009 min
Response: 2289610
Conc: 18.89 ug/ml



#17 n-Tricontane (C30)

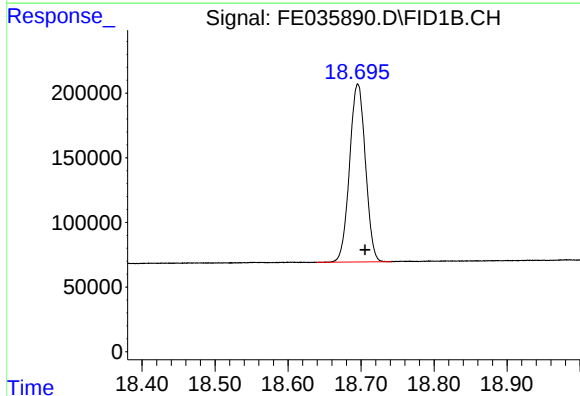
R.T.: 17.083 min
Delta R.T.: -0.010 min
Response: 2262887
Conc: 18.82 ug/ml

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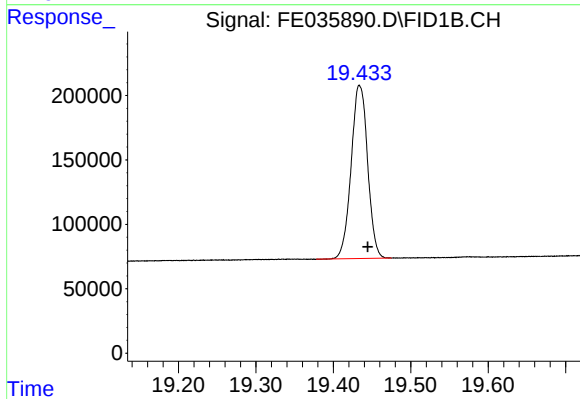
#18 n-Dotriacontane (C32)

R.T.: 17.914 min
Delta R.T.: -0.010 min
Response: 2173088
Conc: 18.91 ug/ml



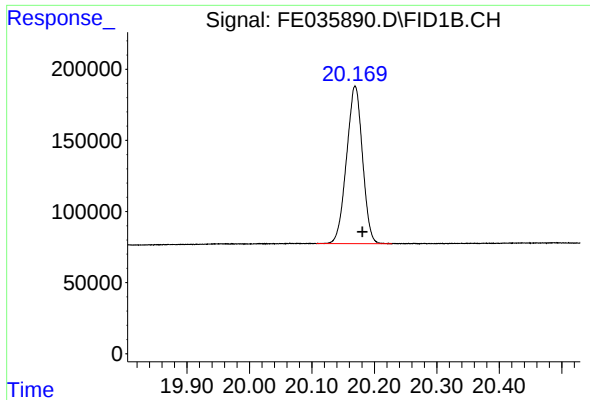
#19 n-Tetratriacontane (C34)

R.T.: 18.696 min
Delta R.T.: -0.010 min
Response: 2073398
Conc: 19.17 ug/ml



#20 n-Hexatriacontane (C36)

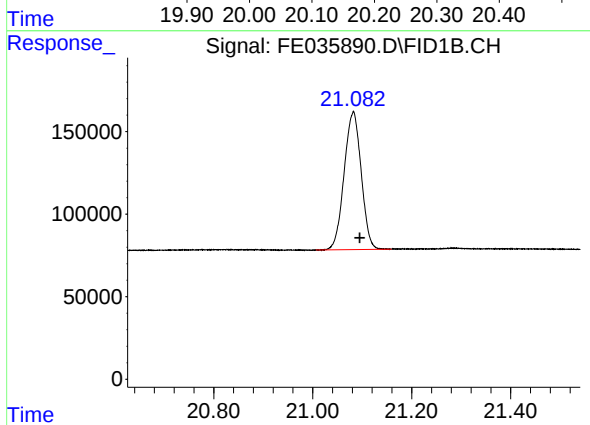
R.T.: 19.434 min
Delta R.T.: -0.011 min
Response: 1989851
Conc: 19.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.169 min
Delta R.T.: -0.012 min
Response: 1963845
Conc: 20.61 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.082 min
Delta R.T.: -0.012 min
Response: 2002471
Conc: 21.44 ug/ml