

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032422AL\
 Data File : FE035510.D
 Signal(s) : FID1B.CH
 Acq On : 24 Mar 2022 14:42
 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: Mar 25 02:12:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 13:27:46 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)	11.355	2640380	19.907 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
12) S 1-chlorooctadecane (S...	12.788	1830271	19.463 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.170	2220539	20.002 ug/ml
2) T n-Decane (C10)	4.224	2203931	20.057 ug/ml
3) T A~Naphthalene (C11.7)	5.795	2377412	20.496 ug/ml
4) T n-Dodecane (C12)	6.230	2286195	20.128 ug/ml
5) T A~2-methylnaphthalene...	6.846	2358369	20.677 ug/ml
6) T n-Tetradecane (C14)	8.017	2327037	20.349 ug/ml
7) T n-Hexadecane (C16)	9.610	2357916	20.142 ug/ml
8) T n-Octadecane (C18)	11.045	2420571	19.999 ug/ml
10) T n-Eicosane (C20)	12.347	2380700	19.884 ug/ml
11) T n-Heneicosane (C21)	12.957	2385886	19.899 ug/ml
13) T n-Docosane (C22)	13.540	2364840	19.872 ug/ml
14) T n-Tetracosane (C24)	14.638	2324559	19.784 ug/ml
15) T n-Hexacosane (C26)	15.654	2250715	19.875 ug/ml
16) T n-Octacosane (C28)	16.600	2161529	19.951 ug/ml
17) T n-Tricontane (C30)	17.483	2022740	19.809 ug/ml
18) T n-Dotriacontane (C32)	18.311	1829827	19.671 ug/ml
19) T n-Tetratriacontane (C34)	19.093	1638346	19.608 ug/ml
20) T n-Hexatriacontane (C36)	19.829	1434776	19.499 ug/ml
21) T n-Octatriacontane (C38)	20.530	1210956	19.272 ug/ml
22) T n-Tetracontane (C40)	21.339	861002	19.186 ug/ml

(f)=RT Delta > 1/2 Window

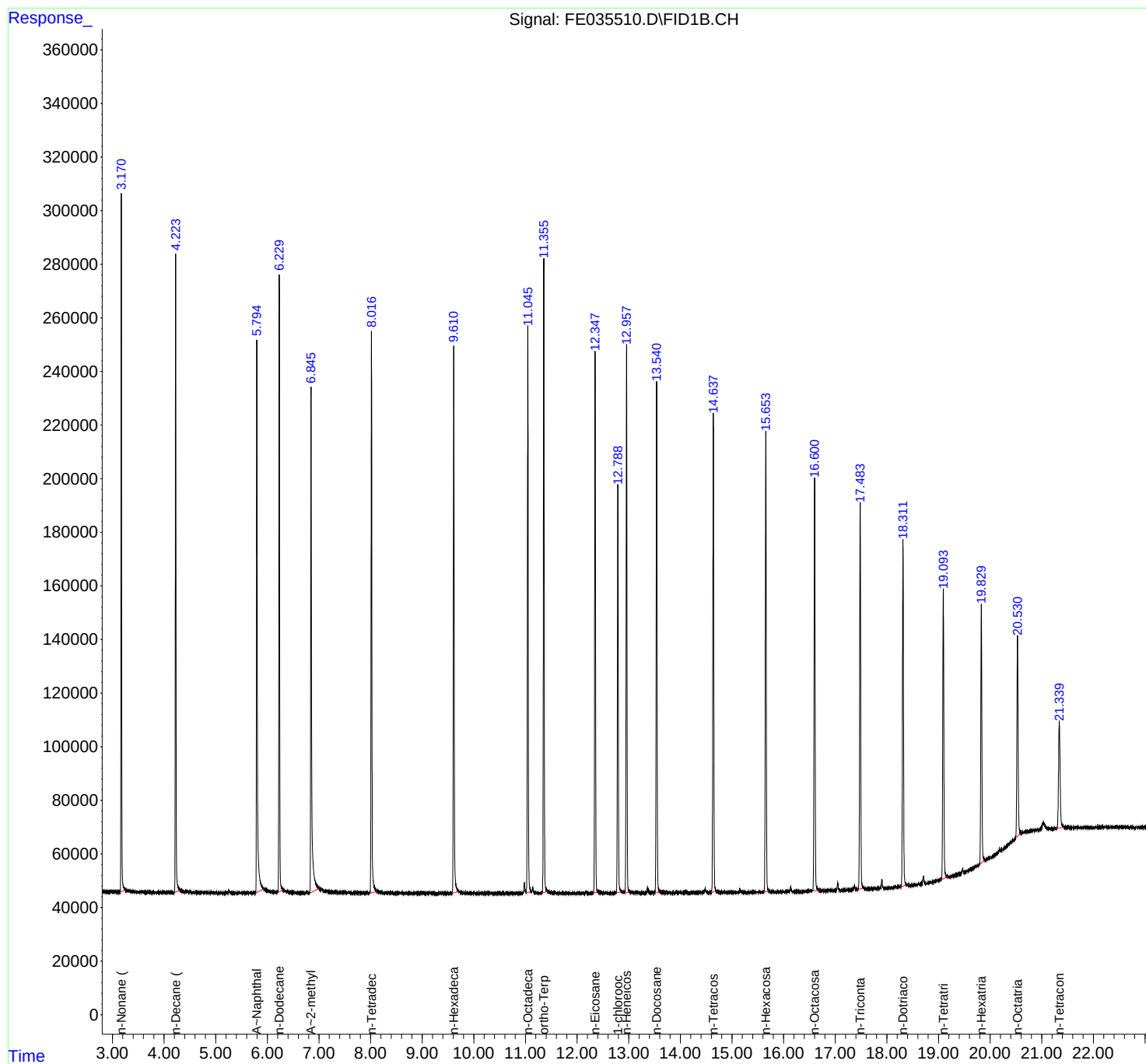
(m)=manual int.

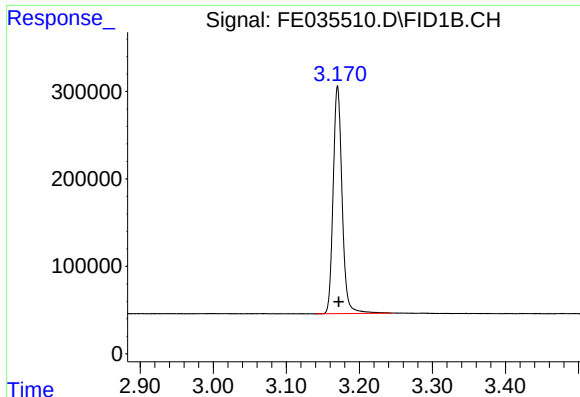
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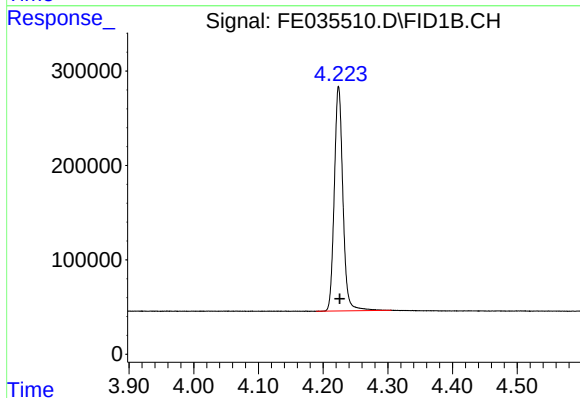




#1 n-Nonane (C9)

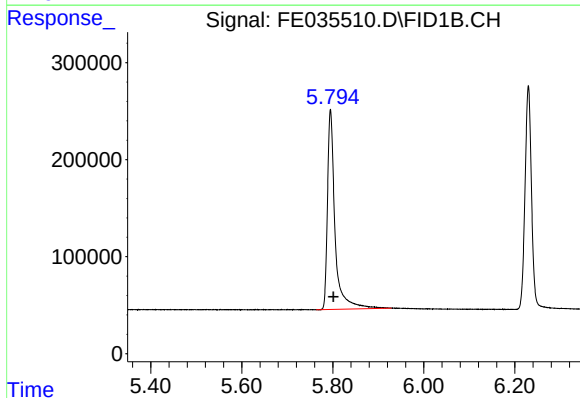
R.T.: 3.170 min
Delta R.T.: -0.002 min
Response: 2220539
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



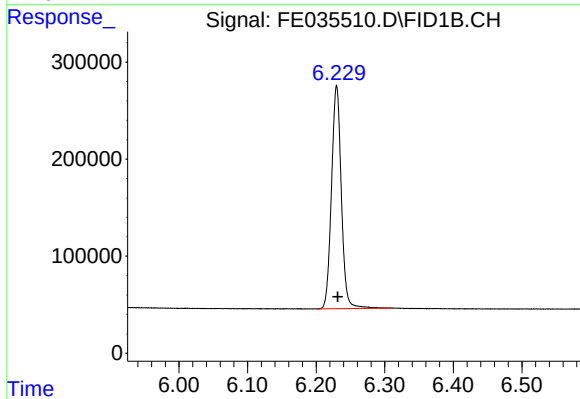
#2 n-Decane (C10)

R.T.: 4.224 min
Delta R.T.: -0.002 min
Response: 2203931
Conc: 20.06 ug/ml



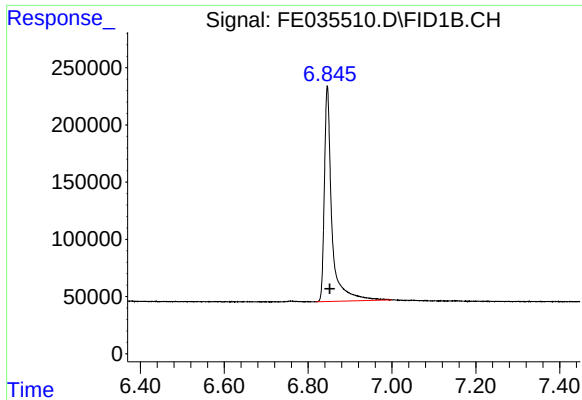
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.006 min
Response: 2377412
Conc: 20.50 ug/ml



#4 n-Dodecane (C12)

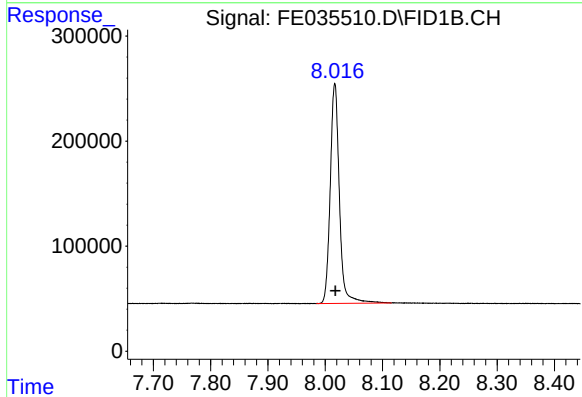
R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 2286195
Conc: 20.13 ug/ml



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

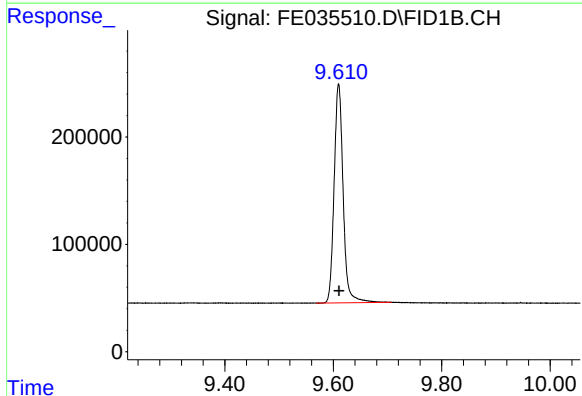
R.T.: 6.846 min
Delta R.T.: -0.006 min
Response: 2358369
Conc: 20.68 ug/ml

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20 PPM ALIPHATIC HC STD



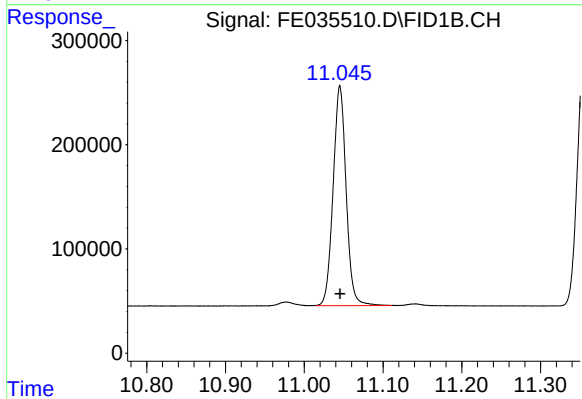
#6 n-Tetradecane (C14)

R.T.: 8.017 min
Delta R.T.: -0.001 min
Response: 2327037
Conc: 20.35 ug/ml



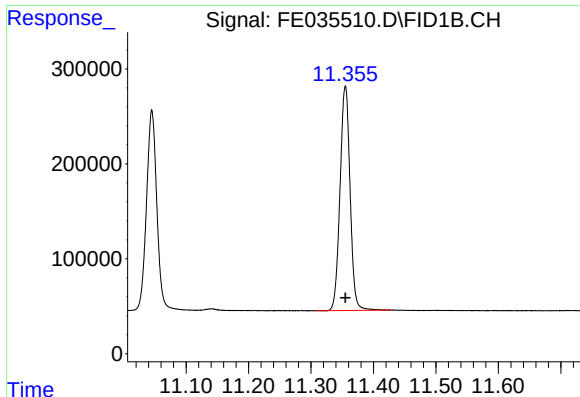
#7 n-Hexadecane (C16)

R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 2357916
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

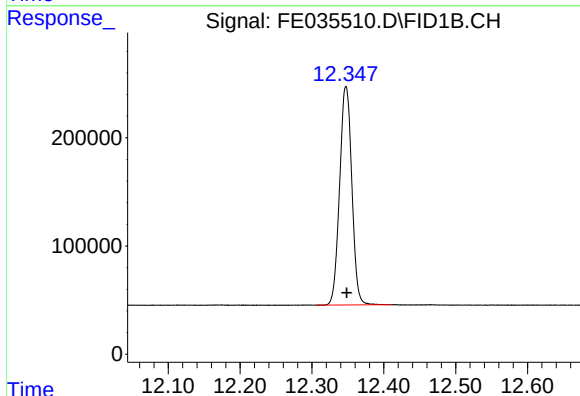
R.T.: 11.045 min
Delta R.T.: 0.000 min
Response: 2420571
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

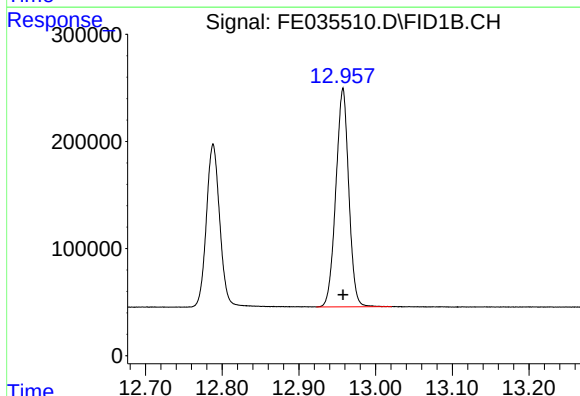
R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 2640380
Conc: 19.91 ug/ml

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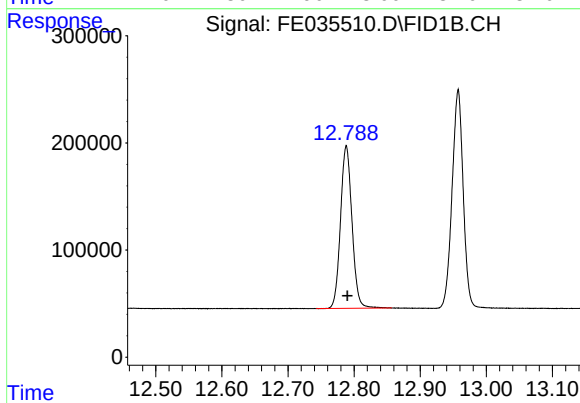
#10 n-Eicosane (C20)

R.T.: 12.347 min
Delta R.T.: -0.001 min
Response: 2380700
Conc: 19.88 ug/ml



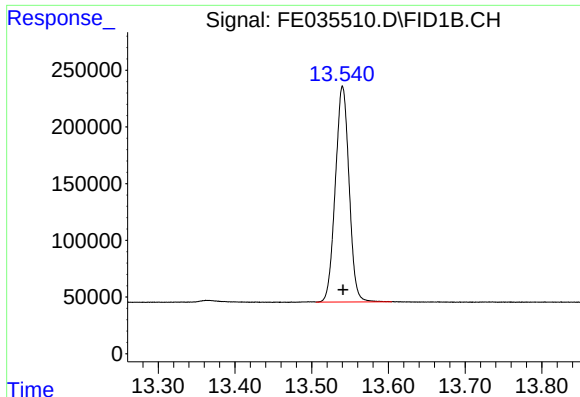
#11 n-Heneicosane (C21)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 2385886
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

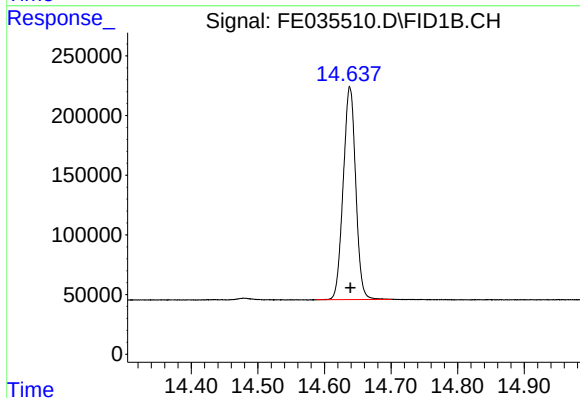
R.T.: 12.788 min
Delta R.T.: -0.002 min
Response: 1830271
Conc: 19.46 ug/ml



#13 n-Docosane (C22)

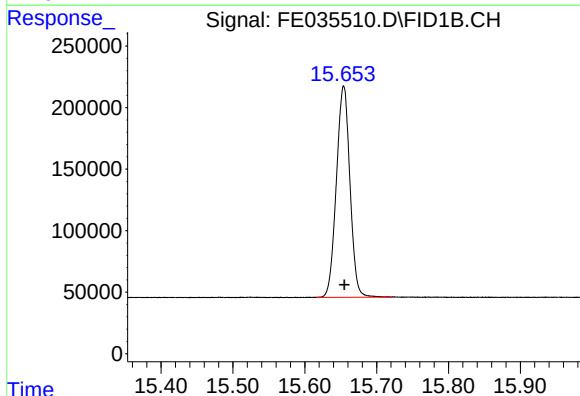
R.T.: 13.540 min
Delta R.T.: 0.000 min
Response: 2364840
Conc: 19.87 ug/ml

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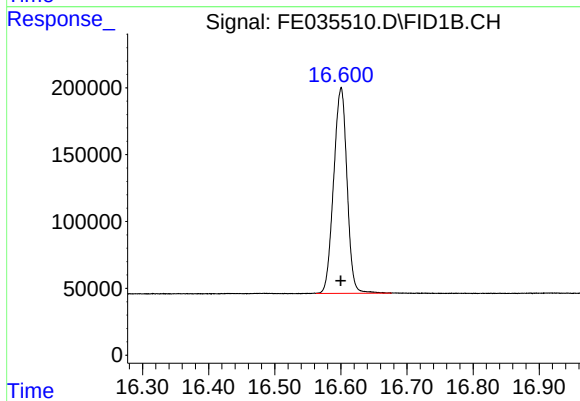
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 2324559
Conc: 19.78 ug/ml



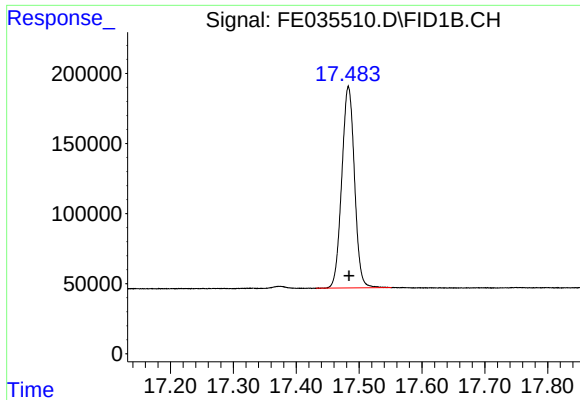
#15 n-Hexacosane (C26)

R.T.: 15.654 min
Delta R.T.: 0.000 min
Response: 2250715
Conc: 19.87 ug/ml



#16 n-Octacosane (C28)

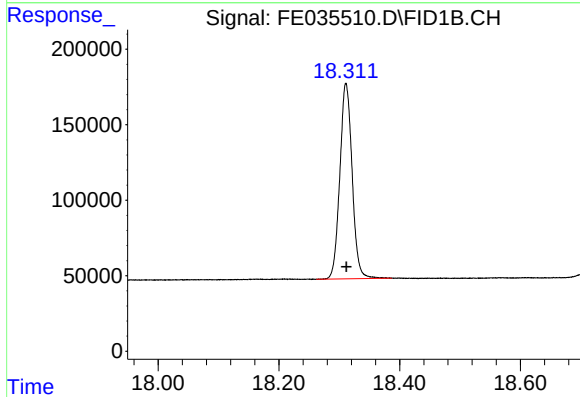
R.T.: 16.600 min
Delta R.T.: 0.000 min
Response: 2161529
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

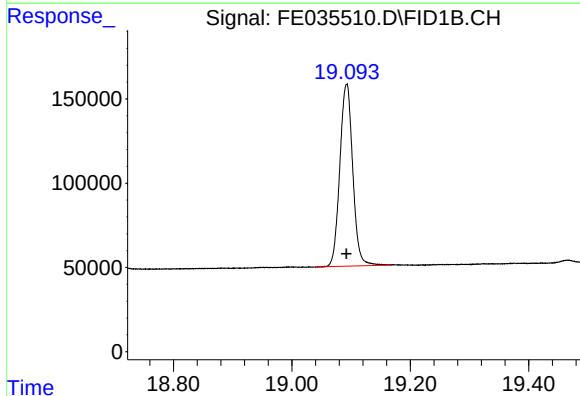
R.T.: 17.483 min
Delta R.T.: 0.000 min
Response: 2022740
Conc: 19.81 ug/ml

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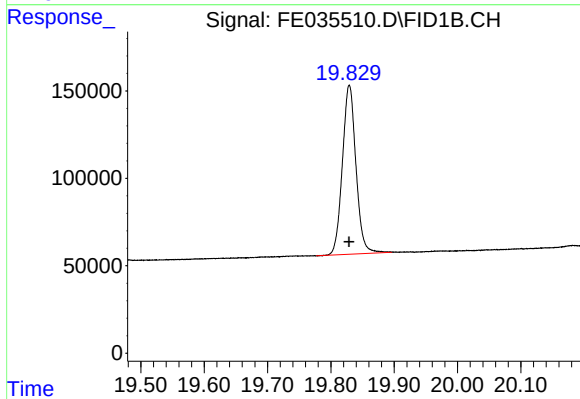
#18 n-Dotriacontane (C32)

R.T.: 18.311 min
Delta R.T.: 0.000 min
Response: 1829827
Conc: 19.67 ug/ml



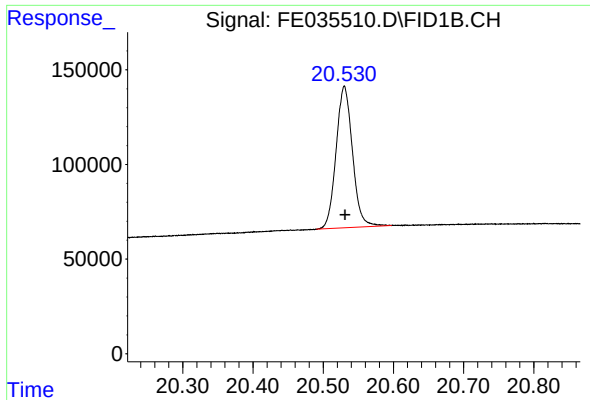
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: 0.000 min
Response: 1638346
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

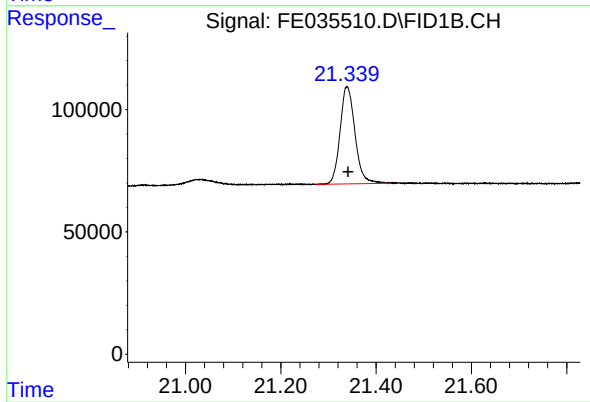
R.T.: 19.829 min
Delta R.T.: 0.000 min
Response: 1434776
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.530 min
Delta R.T.: -0.001 min
Response: 1210956
Conc: 19.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.339 min
Delta R.T.: -0.003 min
Response: 861002
Conc: 19.19 ug/ml