

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060622AL\
 Data File : FE035943.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 7:27
 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: sample.E
 Quant Time: Jun 07 08:07:24 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)	10.948	2628386	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	12.379	2027667	19.384 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T n-Nonane (C9)	2.802	2505035	20.974 ug/ml
2) T n-Decane (C10)	3.815	2488395	21.028 ug/ml
3) T A~Naphthalene (C11.7)	5.382	2710377	20.284 ug/ml
4) T n-Dodecane (C12)	5.805	2478900	20.691 ug/ml
5) T A~2-methylnaphthalene...	6.431	2703735	19.993 ug/ml
6) T n-Tetradecane (C14)	7.593	2441290	20.483 ug/ml
7) T n-Hexadecane (C16)	9.190	2415189	20.255 ug/ml
8) T n-Octadecane (C18)	10.628	2403275	20.048 ug/ml
10) T n-Eicosane (C20)	11.934	2364322	19.818 ug/ml
11) T n-Heneicosane (C21)	12.545	2355386	19.617 ug/ml
13) T n-Docosane (C22)	13.130	2349889	19.513 ug/ml
14) T n-Tetracosane (C24)	14.230	2347249	19.399 ug/ml
15) T n-Hexacosane (C26)	15.248	2324479	19.209 ug/ml
16) T n-Octacosane (C28)	16.196	2327499	19.204 ug/ml
17) T n-Tricontane (C30)	17.080	2340311	19.463 ug/ml
18) T n-Dotriacontane (C32)	17.911	2263947	19.700 ug/ml
19) T n-Tetratriacontane (C34)	18.693	2142904	19.809 ug/ml
20) T n-Hexatriacontane (C36)	19.431	2039753	20.249 ug/ml
21) T n-Octatriacontane (C38)	20.166	1991893	20.907 ug/ml
22) T n-Tetracontane (C40)	21.077	2023863	21.672 ug/ml

(f)=RT Delta > 1/2 Window

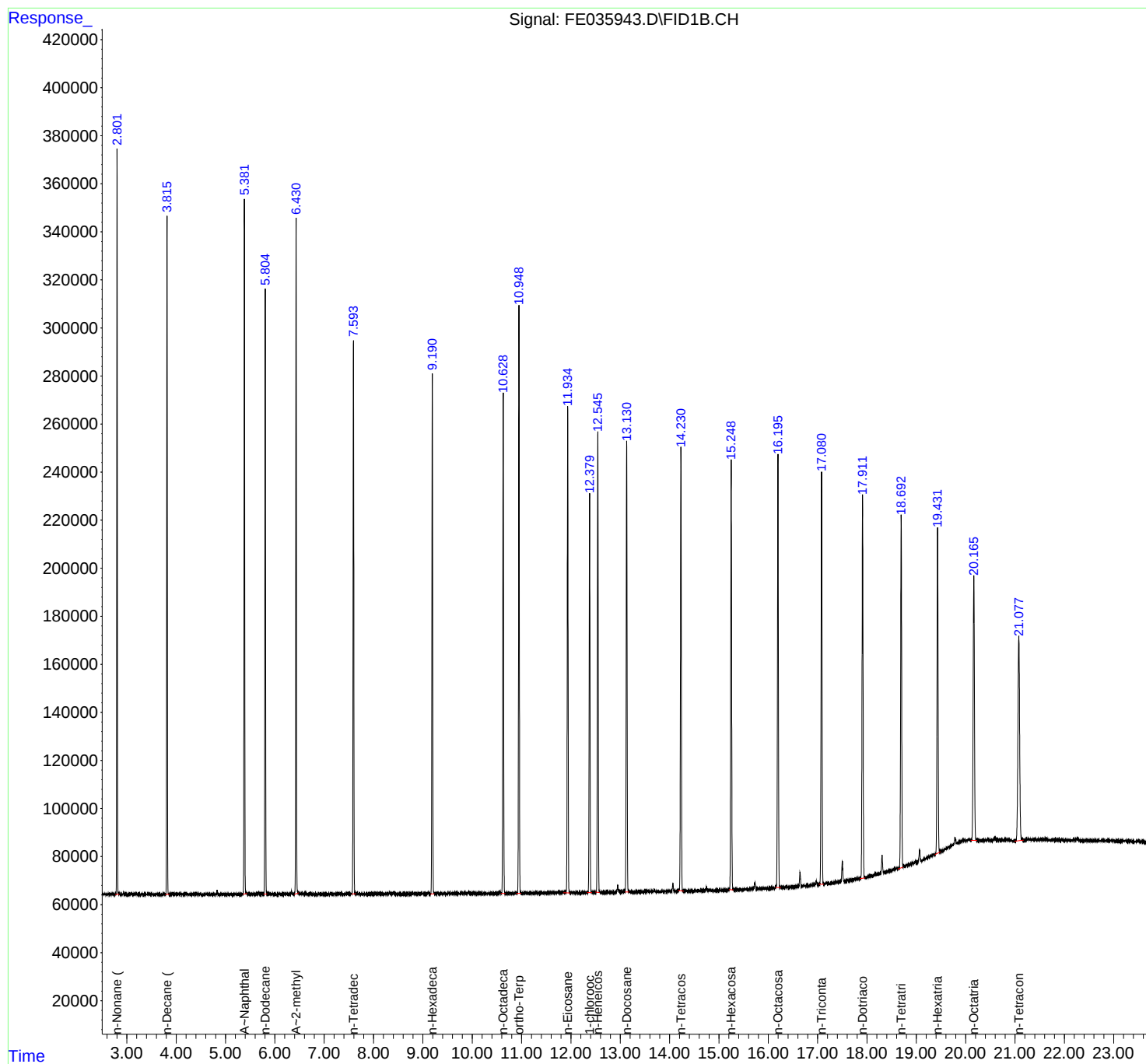
(m)=manual int.

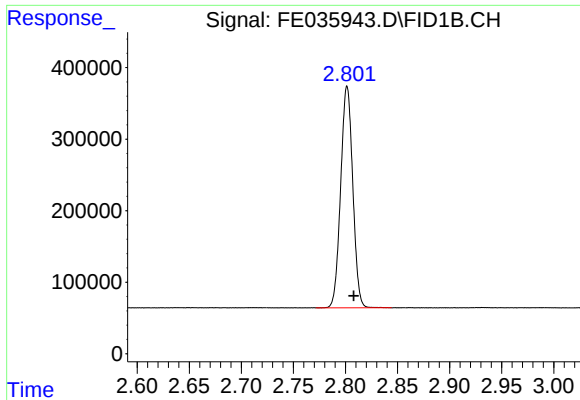
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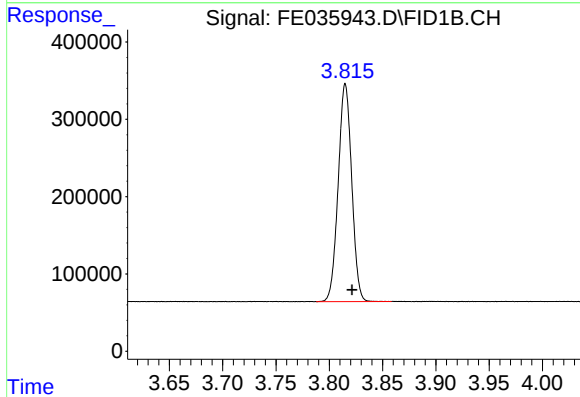




#1 n-Nonane (C9)

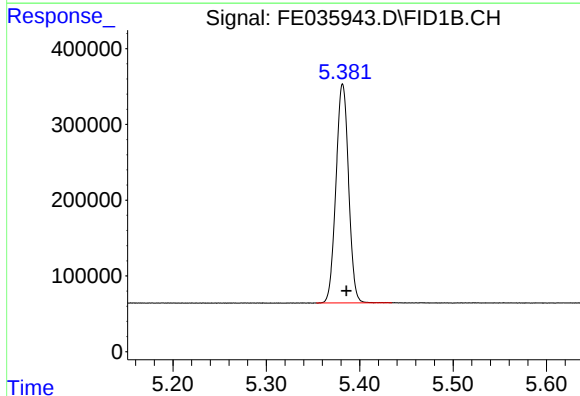
R.T.: 2.802 min
Delta R.T.: -0.006 min
Response: 2505035
Conc: 20.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



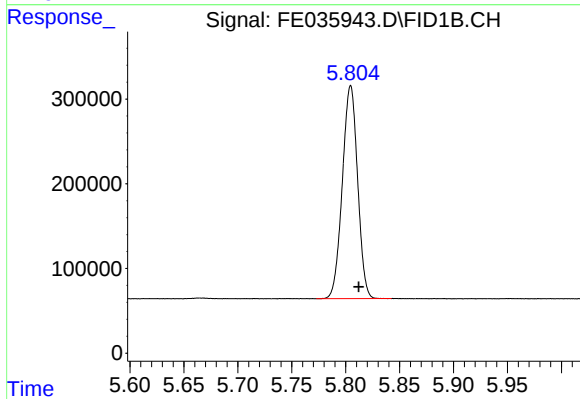
#2 n-Decane (C10)

R.T.: 3.815 min
Delta R.T.: -0.006 min
Response: 2488395
Conc: 21.03 ug/ml



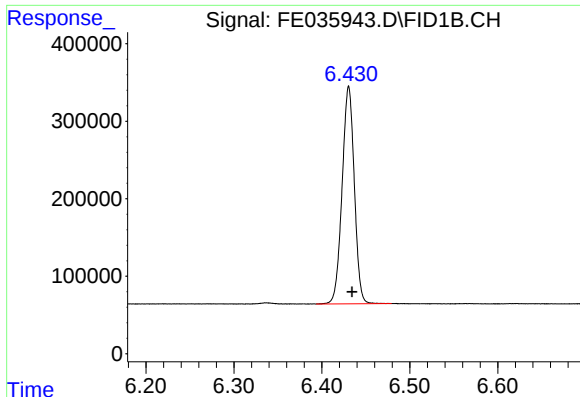
#3 A~Naphthalene (C11.7)

R.T.: 5.382 min
Delta R.T.: -0.004 min
Response: 2710377
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

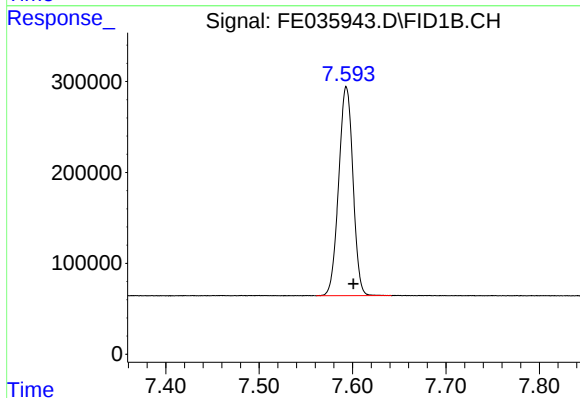
R.T.: 5.805 min
Delta R.T.: -0.008 min
Response: 2478900
Conc: 20.69 ug/ml



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

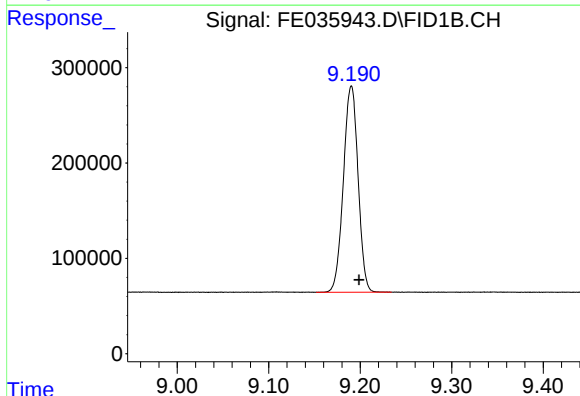
R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 2703735
Conc: 19.99 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



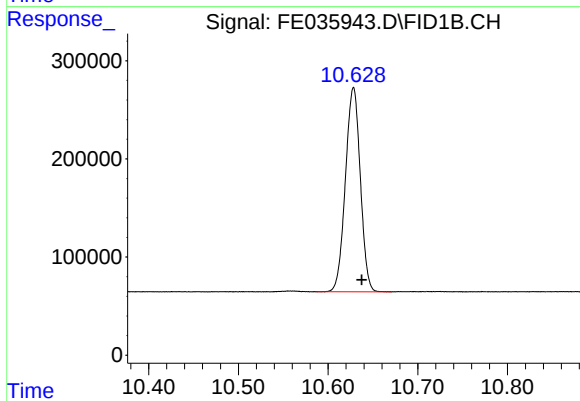
#6 n-Tetradecane (C14)

R.T.: 7.593 min
Delta R.T.: -0.007 min
Response: 2441290
Conc: 20.48 ug/ml



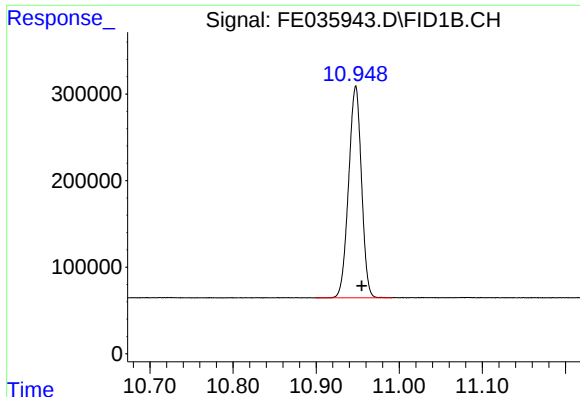
#7 n-Hexadecane (C16)

R.T.: 9.190 min
Delta R.T.: -0.008 min
Response: 2415189
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

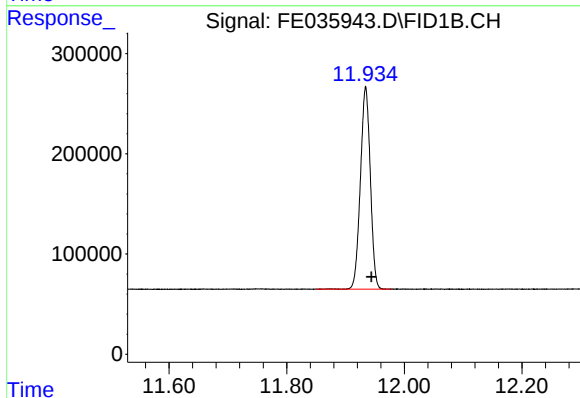
R.T.: 10.628 min
Delta R.T.: -0.009 min
Response: 2403275
Conc: 20.05 ug/ml



#9 ortho-Terphenyl (SURR)

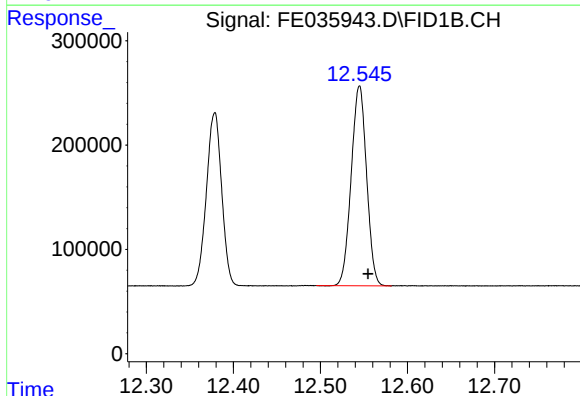
R.T.: 10.948 min
Delta R.T.: -0.007 min
Response: 2628386
Conc: 19.81 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



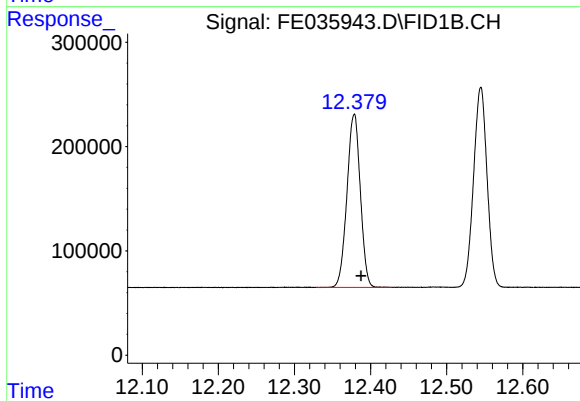
#10 n-Eicosane (C20)

R.T.: 11.934 min
Delta R.T.: -0.010 min
Response: 2364322
Conc: 19.82 ug/ml



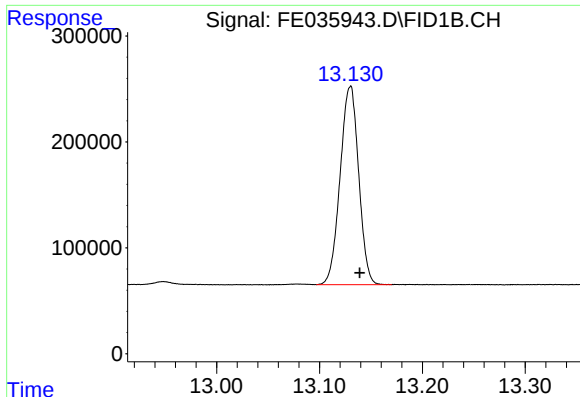
#11 n-Heneicosane (C21)

R.T.: 12.545 min
Delta R.T.: -0.010 min
Response: 2355386
Conc: 19.62 ug/ml



#12 1-chlorooctadecane (SURR)

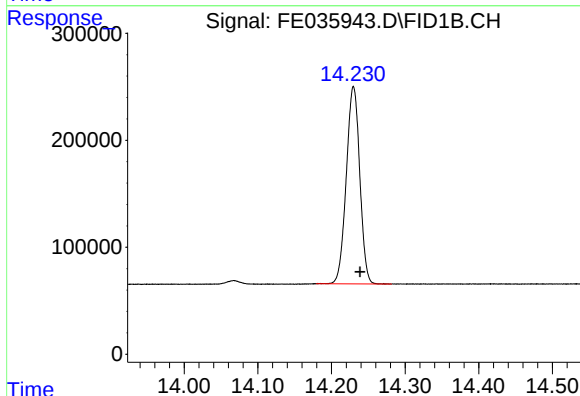
R.T.: 12.379 min
Delta R.T.: -0.009 min
Response: 2027667
Conc: 19.38 ug/ml



#13 n-Docosane (C22)

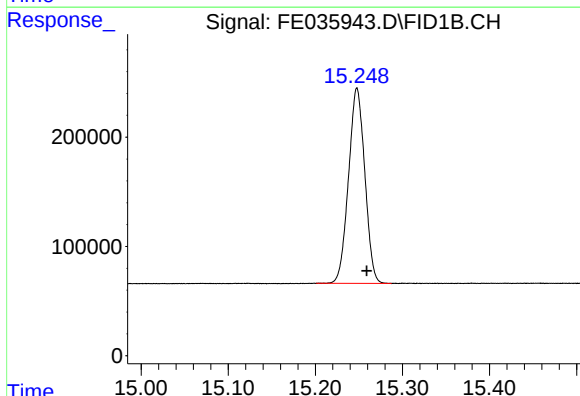
R.T.: 13.130 min
Delta R.T.: -0.009 min
Response: 2349889
Conc: 19.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



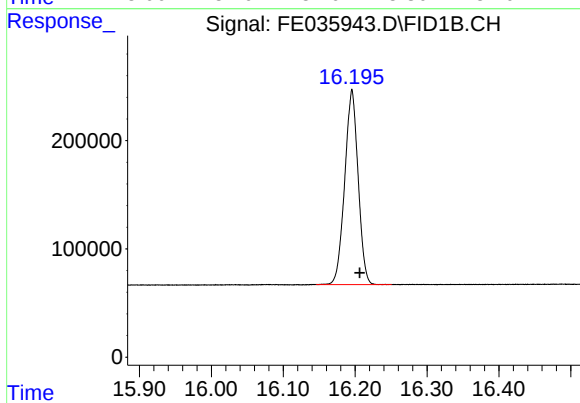
#14 n-Tetracosane (C24)

R.T.: 14.230 min
Delta R.T.: -0.009 min
Response: 2347249
Conc: 19.40 ug/ml



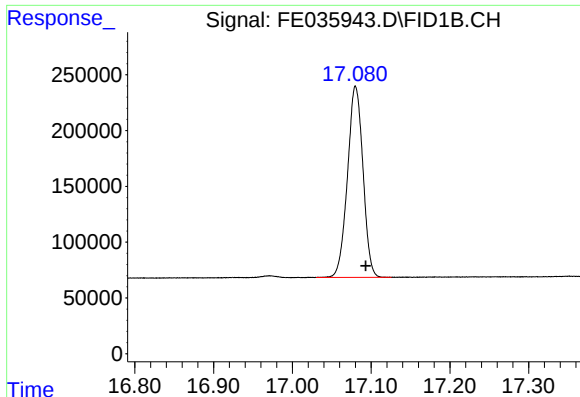
#15 n-Hexacosane (C26)

R.T.: 15.248 min
Delta R.T.: -0.011 min
Response: 2324479
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

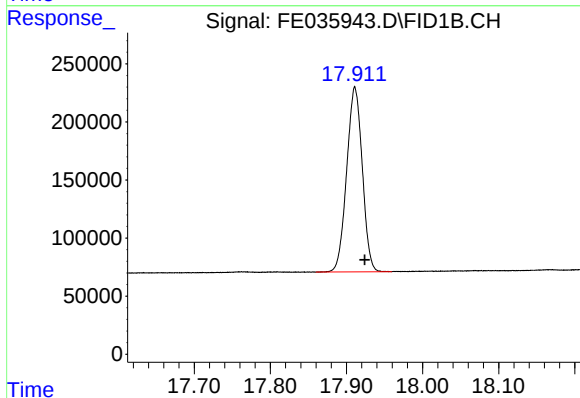
R.T.: 16.196 min
Delta R.T.: -0.011 min
Response: 2327499
Conc: 19.20 ug/ml



#17 n-Tricontane (C30)

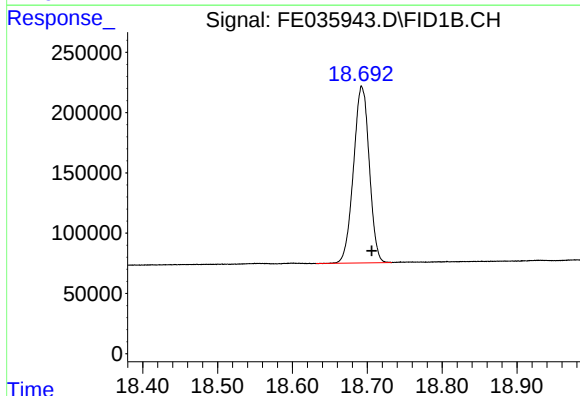
R.T.: 17.080 min
Delta R.T.: -0.013 min
Response: 2340311
Conc: 19.46 ug/ml

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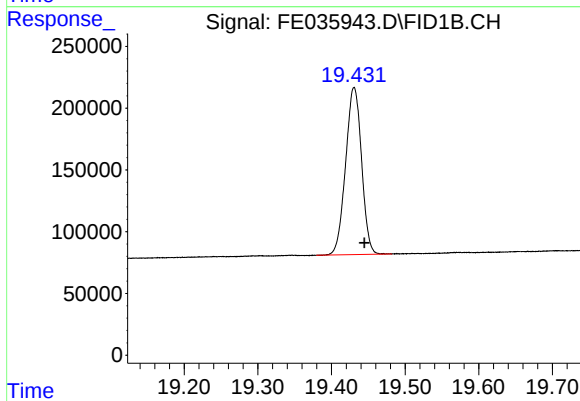
#18 n-Dotriacontane (C32)

R.T.: 17.911 min
Delta R.T.: -0.013 min
Response: 2263947
Conc: 19.70 ug/ml



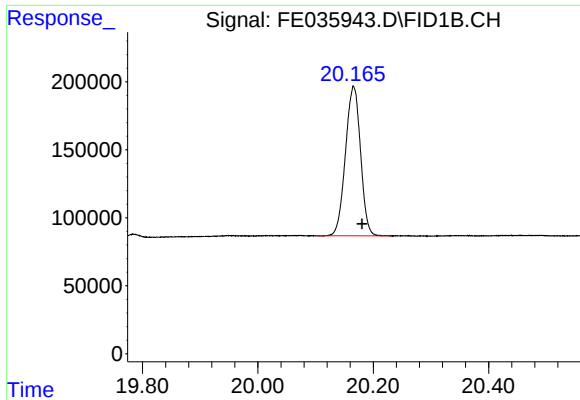
#19 n-Tetratriacontane (C34)

R.T.: 18.693 min
Delta R.T.: -0.013 min
Response: 2142904
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

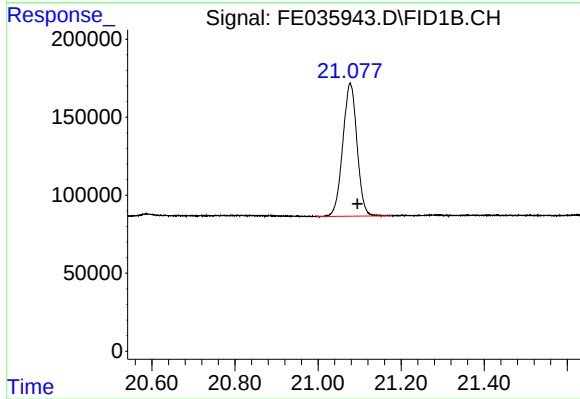
R.T.: 19.431 min
Delta R.T.: -0.014 min
Response: 2039753
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.166 min
Delta R.T.: -0.015 min
Response: 1991893
Conc: 20.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.077 min
Delta R.T.: -0.018 min
Response: 2023863
Conc: 21.67 ug/ml