

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072121AL\
 Data File : FE034122.D
 Signal(s) : FID1B.CH
 Acq On : 21 Jul 2021 18:18
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 22 02:20:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 22 02:19:34 2021
 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)	11.605	23123118	51.000 ug/ml
Spiked Amount 50.000		Recovery =	102.00%
12) S 1-chlorooctadecane (S...	13.038	17754429	51.342 ug/ml
Spiked Amount 50.000		Recovery =	102.68%
Target Compounds			
1) T n-Nonane (C9)	3.394	19348357	50.680 ug/ml
2) T n-Decane (C10)	4.436	19614662	51.016 ug/ml
3) T A~Naphthalene (C11.7)	6.012	22165242	51.591 ug/ml
4) T n-Dodecane (C12)	6.440	19939826	50.886 ug/ml
5) T A~2-methylnaphthalene...	7.069	22366321	51.968 ug/ml
6) T n-Tetradecane (C14)	8.237	20487123	51.072 ug/ml
7) T n-Hexadecane (C16)	9.839	20777349	51.074 ug/ml
8) T n-Octadecane (C18)	11.285	21461542	50.893 ug/ml
10) T n-Eicosane (C20)	12.594	21344280	50.805 ug/ml
11) T n-Heneicosane (C21)	13.207	21552608	50.781 ug/ml
13) T n-Docosane (C22)	13.792	21395728	50.861 ug/ml
14) T n-Tetracosane (C24)	14.896	21408540	50.841 ug/ml
15) T n-Hexacosane (C26)	15.918	20865977	50.858 ug/ml
16) T n-Octacosane (C28)	16.869	20406828	51.089 ug/ml
17) T n-Tricontane (C30)	17.758	19586899	51.288 ug/ml
18) T n-Dotriacontane (C32)	18.590	18344237	51.551 ug/ml
19) T n-Tetratriacontane (C34)	19.374	17352317	51.988 ug/ml
20) T n-Hexatriacontane (C36)	20.115	16059591	52.393 ug/ml
21) T n-Octatriacontane (C38)	20.853	14752439	53.533 ug/ml
22) T n-Tetracontane (C40)	21.767	13866831	54.053 ug/ml

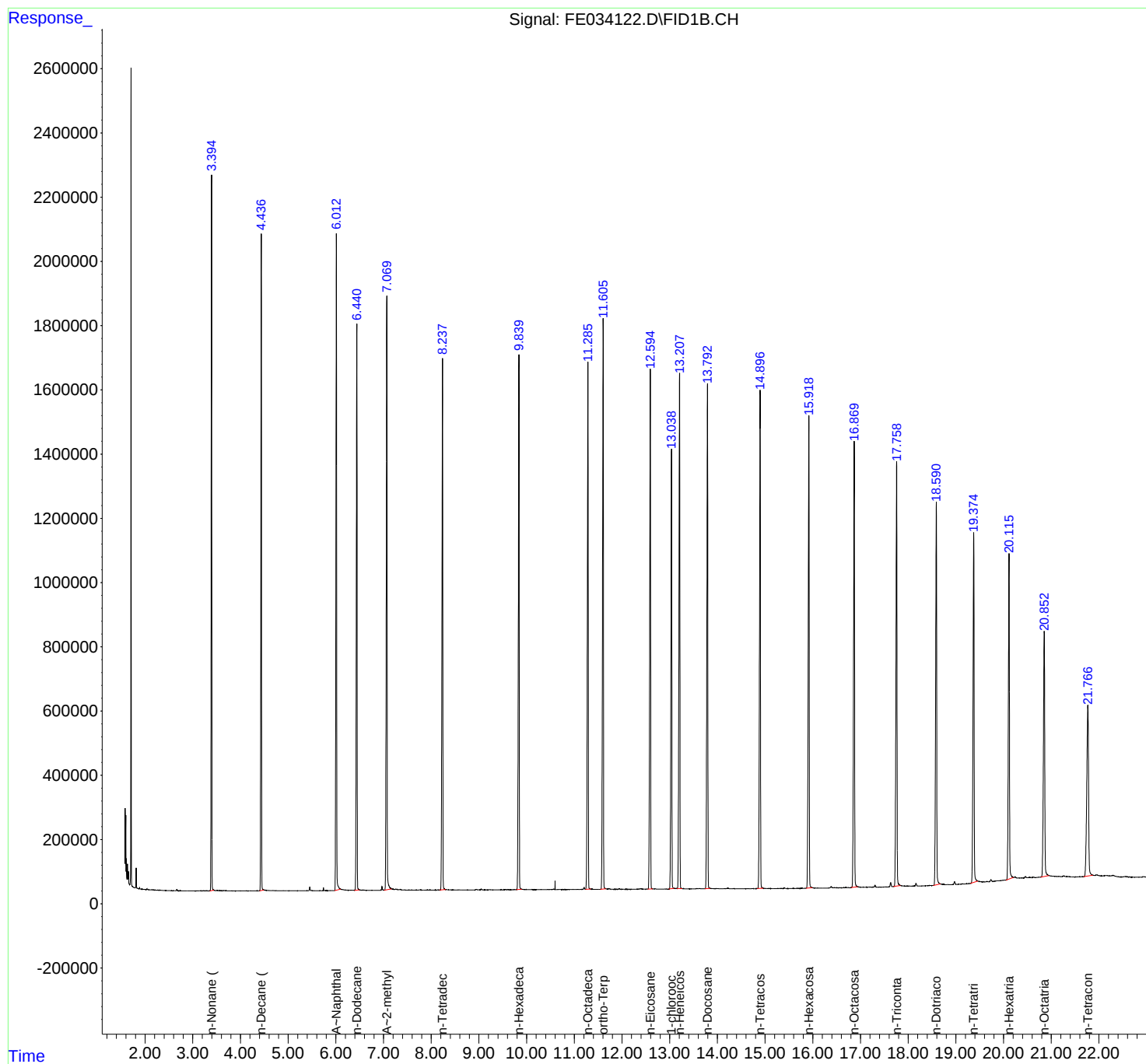
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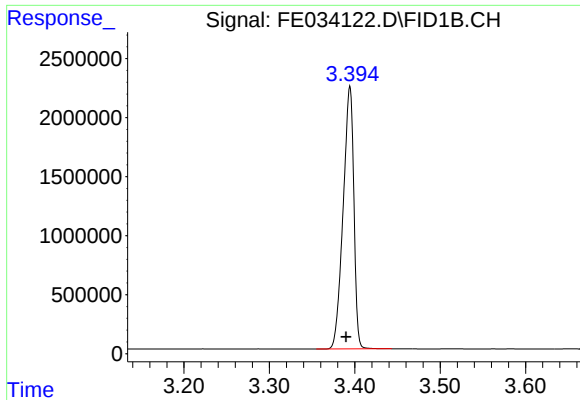
(m)=manual int.

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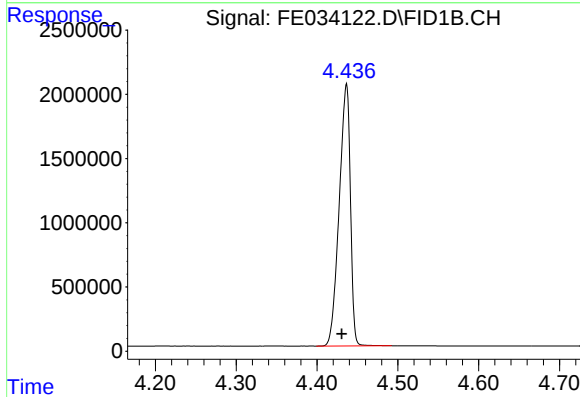
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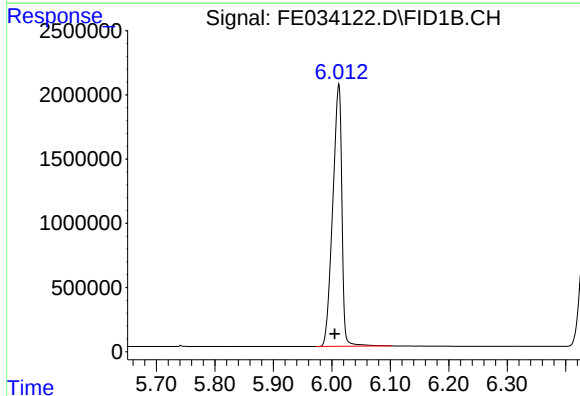
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: 0.004 min
Response: 19348357
Conc: 50.68 ug/ml



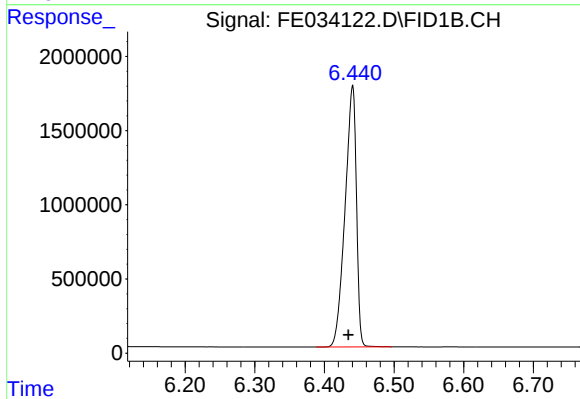
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.006 min
Response: 19614662
Conc: 51.02 ug/ml



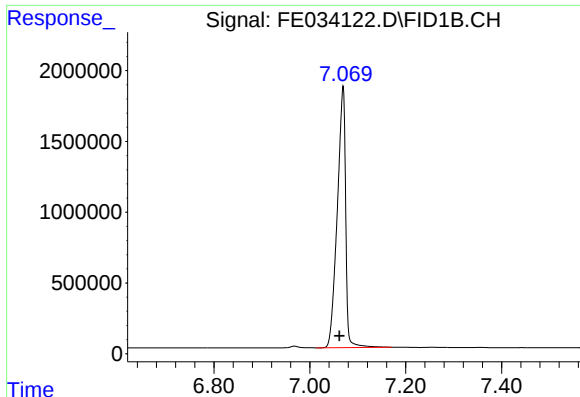
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: 0.007 min
Response: 22165242
Conc: 51.59 ug/ml



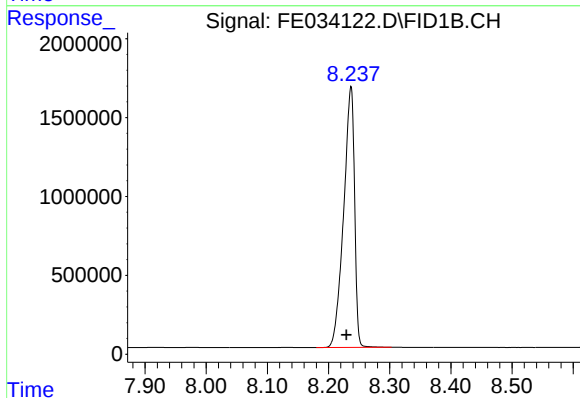
#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: 0.006 min
Response: 19939826
Conc: 50.89 ug/ml



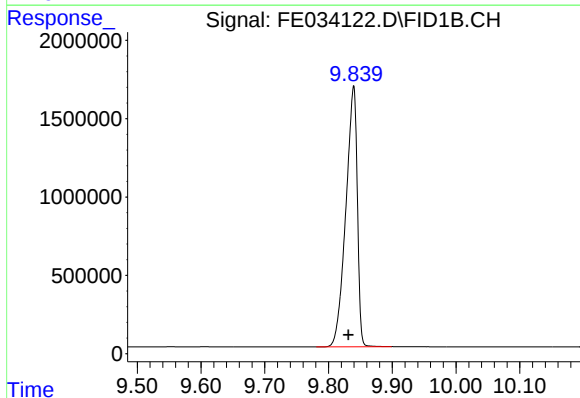
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 22366321
Conc: 51.97 ug/ml



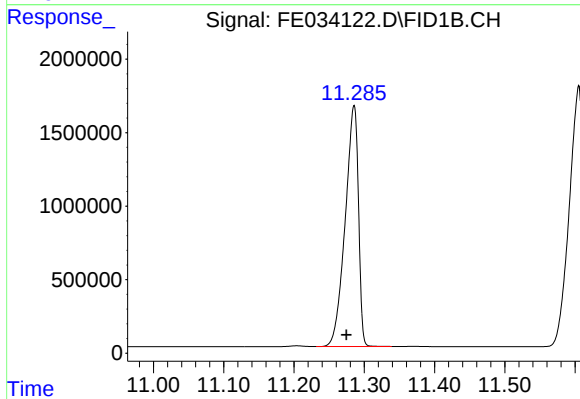
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: 0.007 min
Response: 20487123
Conc: 51.07 ug/ml



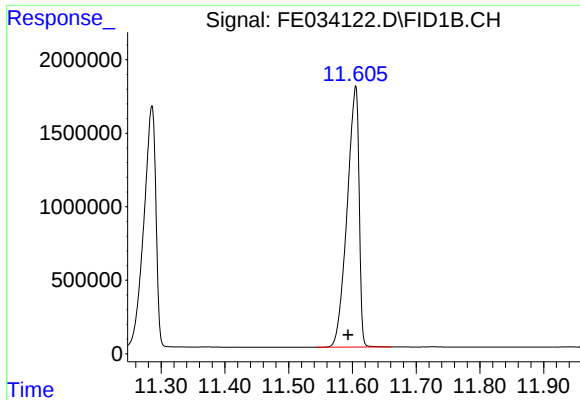
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: 0.008 min
Response: 20777349
Conc: 51.07 ug/ml



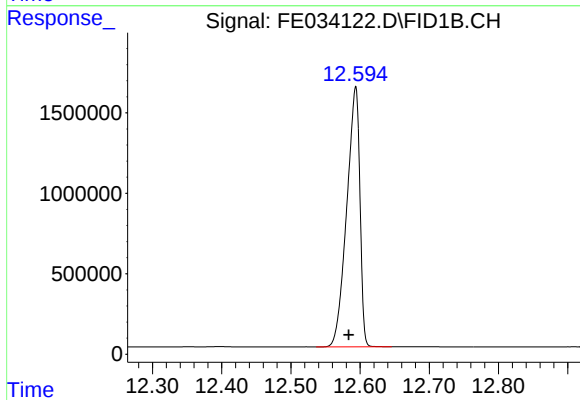
#8 n-Octadecane (C18)

R.T.: 11.285 min
Delta R.T.: 0.011 min
Response: 21461542
Conc: 50.89 ug/ml



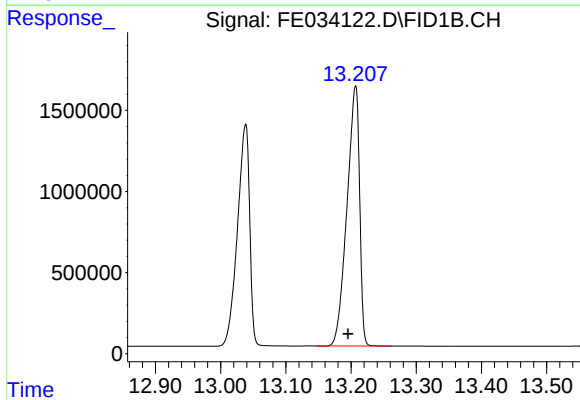
#9 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: 0.012 min
Response: 23123118
Conc: 51.00 ug/ml



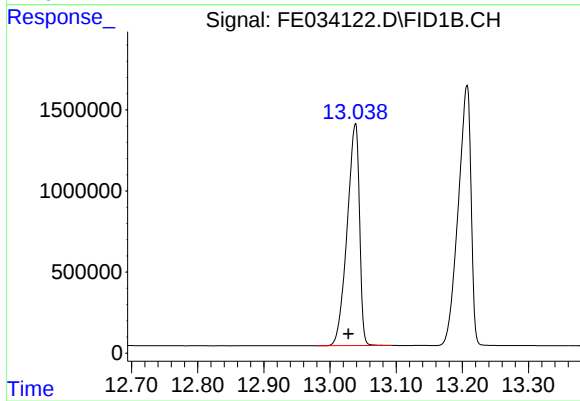
#10 n-Eicosane (C20)

R.T.: 12.594 min
Delta R.T.: 0.010 min
Response: 21344280
Conc: 50.80 ug/ml



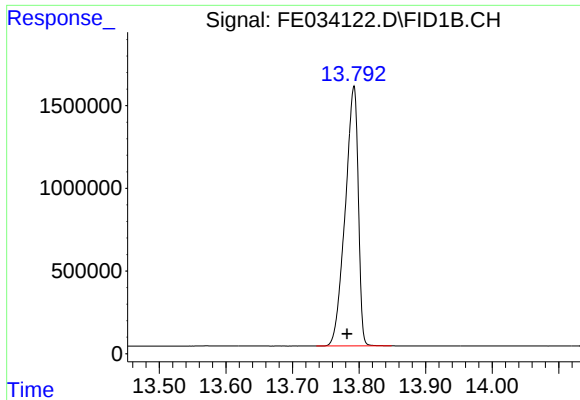
#11 n-Heneicosane (C21)

R.T.: 13.207 min
Delta R.T.: 0.012 min
Response: 21552608
Conc: 50.78 ug/ml



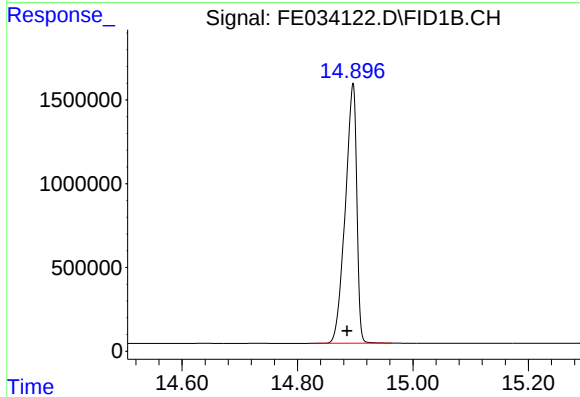
#12 1-chlorooctadecane (SURR)

R.T.: 13.038 min
Delta R.T.: 0.010 min
Response: 17754429
Conc: 51.34 ug/ml



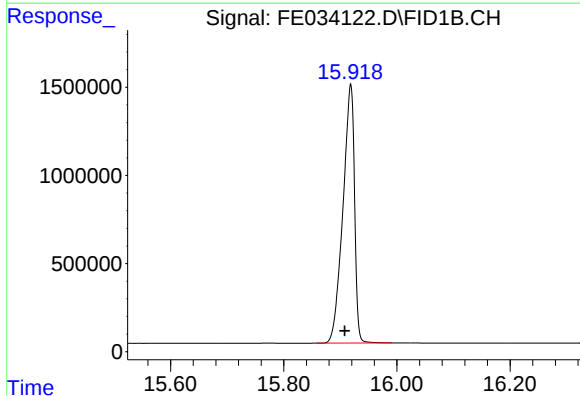
#13 n-Docosane (C22)

R.T.: 13.792 min
Delta R.T.: 0.010 min
Response: 21395728
Conc: 50.86 ug/ml



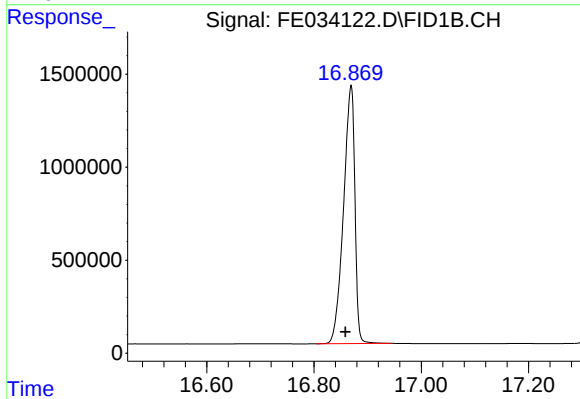
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: 0.010 min
Response: 21408540
Conc: 50.84 ug/ml



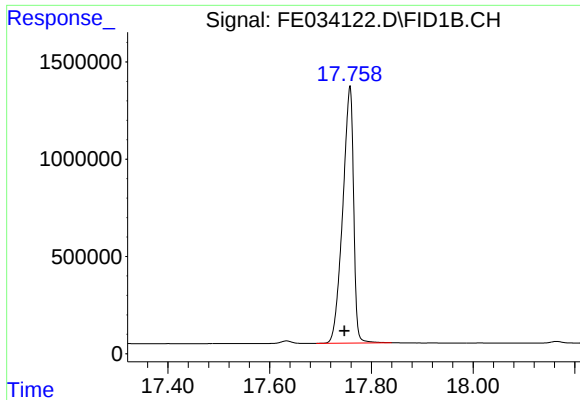
#15 n-Hexacosane (C26)

R.T.: 15.918 min
Delta R.T.: 0.011 min
Response: 20865977
Conc: 50.86 ug/ml



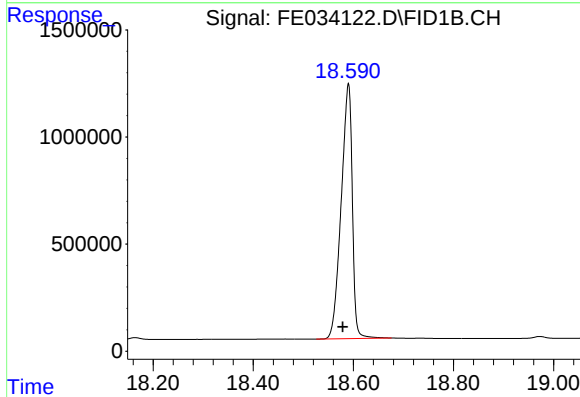
#16 n-Octacosane (C28)

R.T.: 16.869 min
Delta R.T.: 0.011 min
Response: 20406828
Conc: 51.09 ug/ml



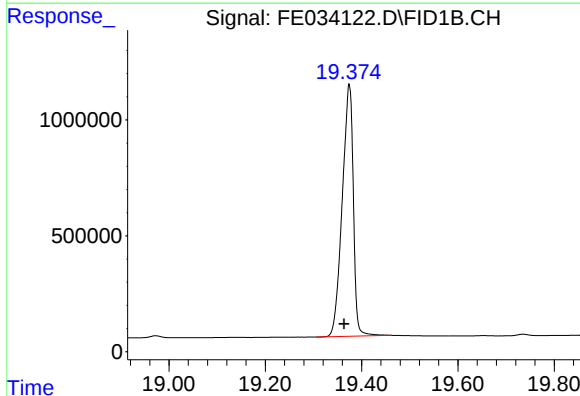
#17 n-Tricontane (C30)

R.T.: 17.758 min
Delta R.T.: 0.011 min
Response: 19586899
Conc: 51.29 ug/ml



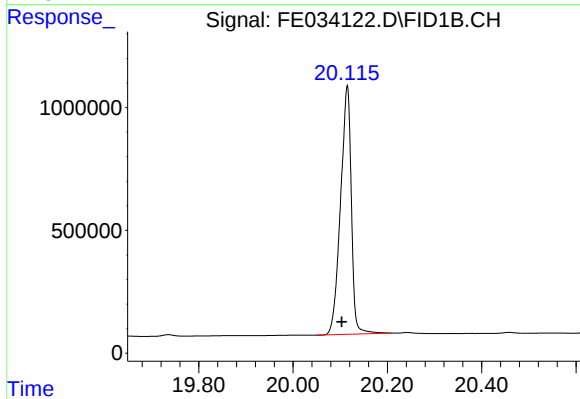
#18 n-Dotriacontane (C32)

R.T.: 18.590 min
Delta R.T.: 0.011 min
Response: 18344237
Conc: 51.55 ug/ml



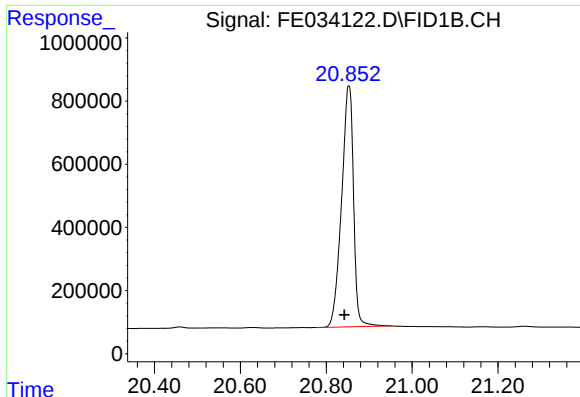
#19 n-Tetratriacontane (C34)

R.T.: 19.374 min
Delta R.T.: 0.011 min
Response: 17352317
Conc: 51.99 ug/ml



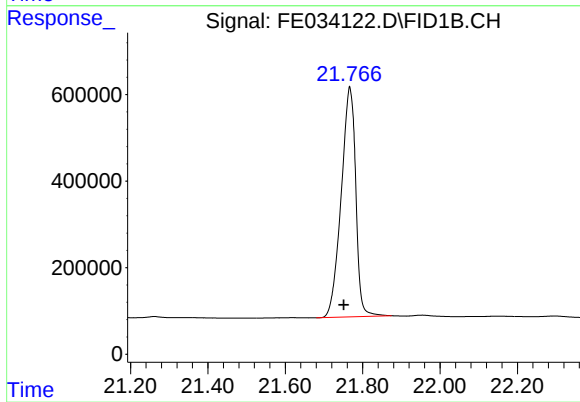
#20 n-Hexatriacontane (C36)

R.T.: 20.115 min
Delta R.T.: 0.011 min
Response: 16059591
Conc: 52.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.853 min
Delta R.T.: 0.011 min
Response: 14752439
Conc: 53.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.767 min
Delta R.T.: 0.015 min
Response: 13866831
Conc: 54.05 ug/ml