

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034883.D
 Signal(s) : FID1B.CH
 Acq On : 08 Feb 2022 18:48
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/09/2022
 Supervised By :Ankita Jodhani 02/09/2022

Integration File: sample.E
 Quant Time: Feb 08 21:59:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 21:57:39 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)	11.132	1542582	5.196 ug/ml
Spiked Amount 50.000		Recovery =	10.39%
12) S 1-chlorooctadecane (S...	12.563	1171977	5.170 ug/ml
Spiked Amount 50.000		Recovery =	10.34%
Target Compounds			
1) T n-Nonane (C9)	2.995	1340410	5.209 ug/ml
2) T n-Decane (C10)	4.013	1355639	5.209 ug/ml
3) T A~Naphthalene (C11.7)	5.572	1510598	5.189 ug/ml
4) T n-Dodecane (C12)	6.001	1355256	5.196 ug/ml
5) T A~2-methylnaphthalene...	6.618	1515784	5.170 ug/ml
6) T n-Tetradecane (C14)	7.788	1378880	5.204 ug/ml
7) T n-Hexadecane (C16)	9.382	1383884	5.208 ug/ml
8) T n-Octadecane (C18)	10.817	1408520	5.214 ug/ml
10) T n-Eicosane (C20)	12.122	1379961	5.216 ug/ml
11) T n-Heneicosane (C21)	12.731	1384489	5.218 ug/ml
13) T n-Docosane (C22)	13.315	1359294	5.204 ug/ml
14) T n-Tetracosane (C24)	14.414	1333501	5.190 ug/ml
15) T n-Hexacosane (C26)	15.430	1287702	5.216 ug/ml
16) T n-Octacosane (C28)	16.375	1258810	5.243 ug/ml
17) T n-Tricontane (C30)	17.260	1231131	5.329 ug/ml
18) T n-Dotriacontane (C32)	18.088	1155962	5.398 ug/ml
19) T n-Tetratriacontane (C34)	18.868	1086062	5.362 ug/ml
20) T n-Hexatriacontane (C36)	19.606	1002691	5.258 ug/ml
21) T n-Octatriacontane (C38)	20.318	948860	5.170 ug/mlm
22) T n-Tetracontane (C40)	21.168	948398	5.098 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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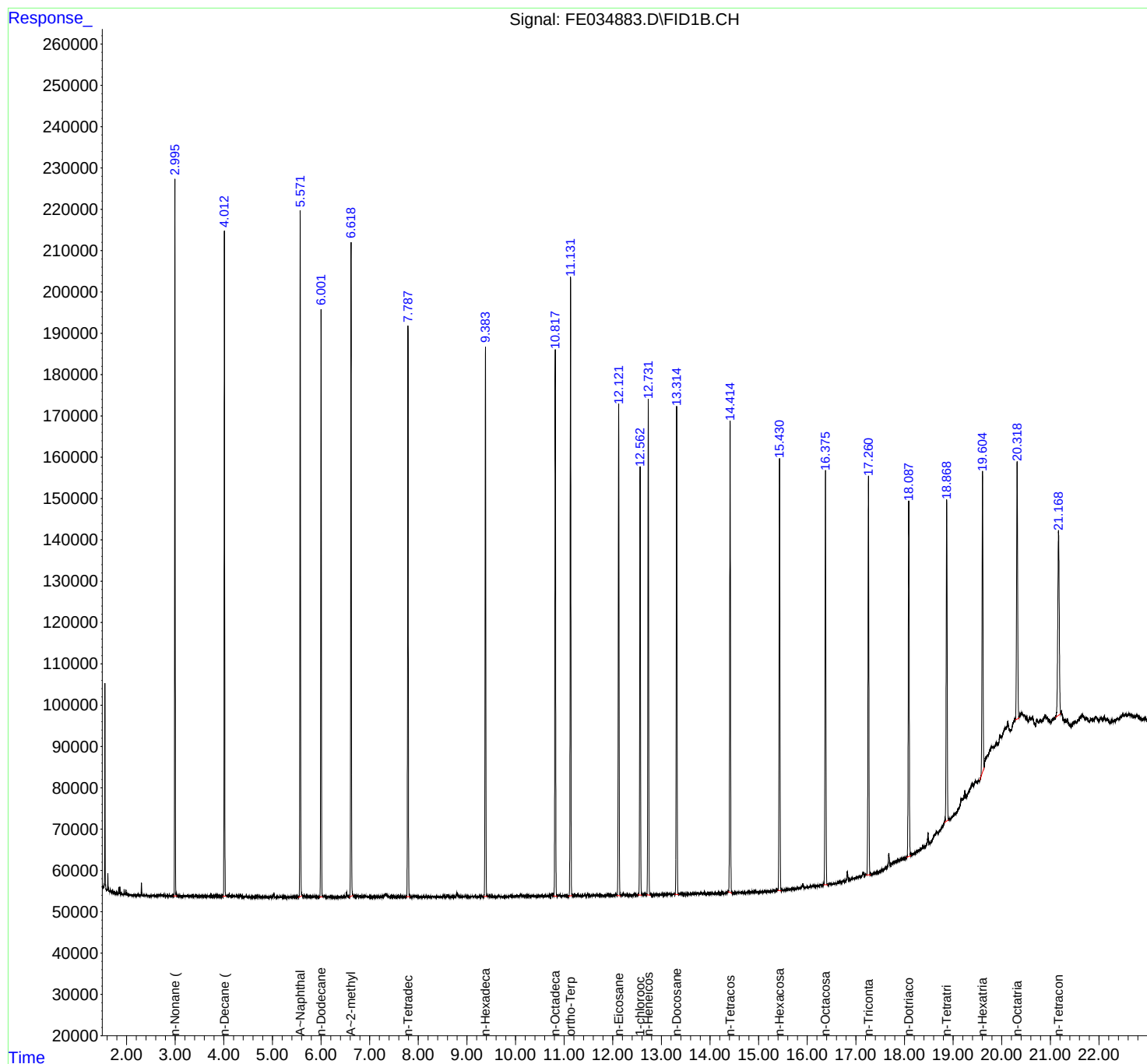
Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

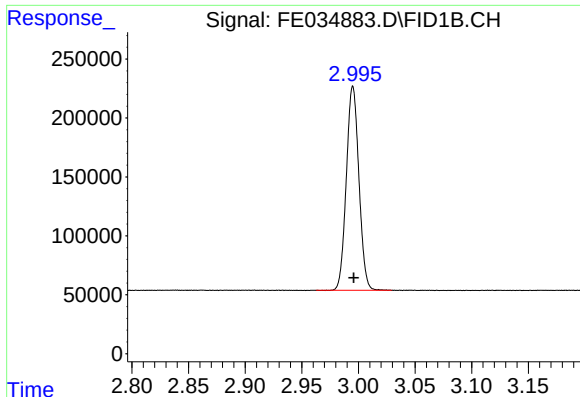
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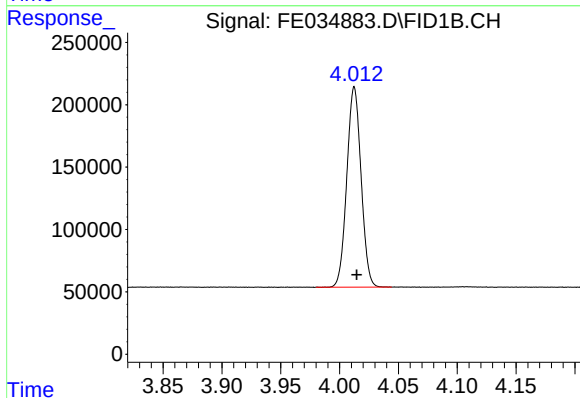
#1 n-Nonane (C9)

R.T.: 2.995 min
Delta R.T.: 0.000 min
Response: 1340410
Conc: 5.21 ug/ml

Instrument : FID_E
ClientSampleId : 5 PPM ALIPHATIC HC STD5

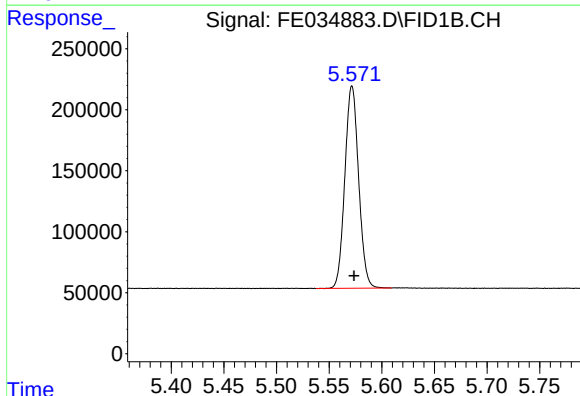
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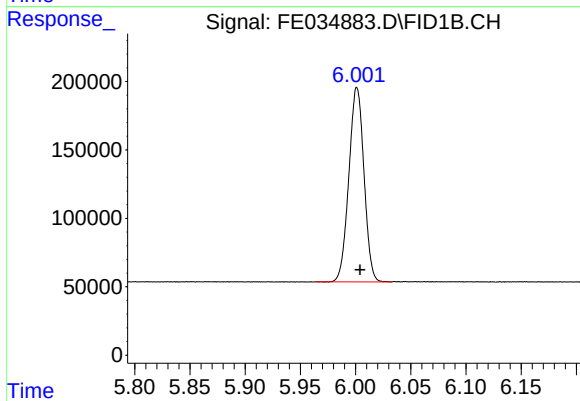
#2 n-Decane (C10)

R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 1355639
Conc: 5.21 ug/ml



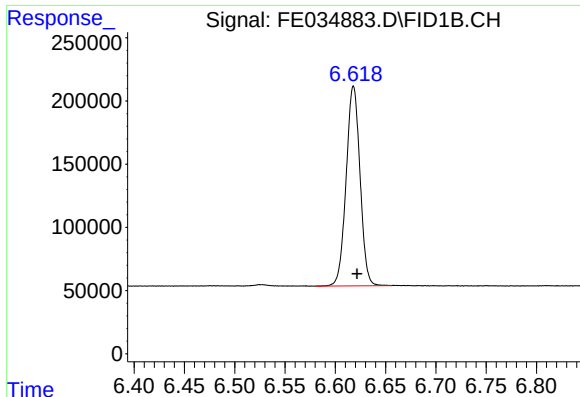
#3 A~Naphthalene (C11.7)

R.T.: 5.572 min
Delta R.T.: -0.002 min
Response: 1510598
Conc: 5.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 1355256
Conc: 5.20 ug/ml



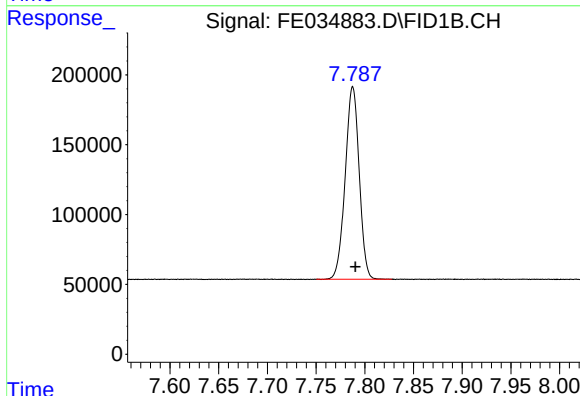
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.618 min
Delta R.T.: -0.004 min
Response: 1515784
Conc: 5.17 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

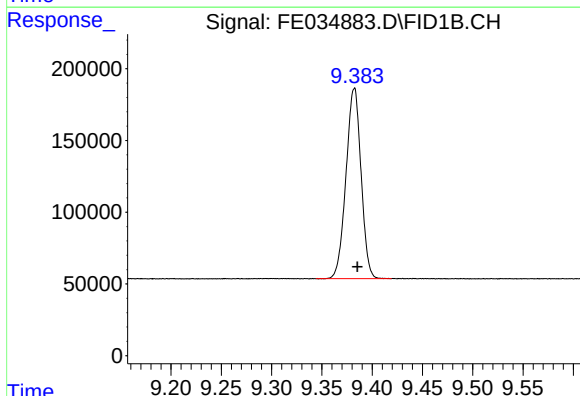
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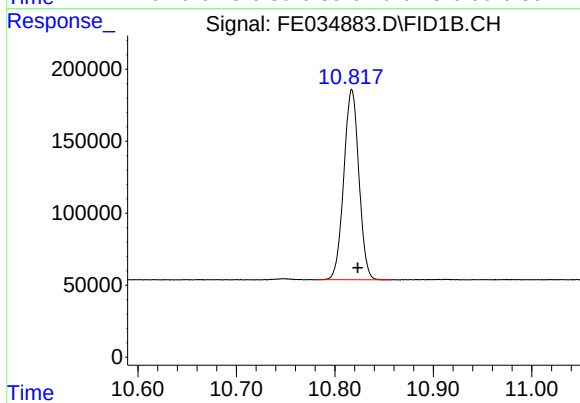
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: -0.003 min
Response: 1378880
Conc: 5.20 ug/ml



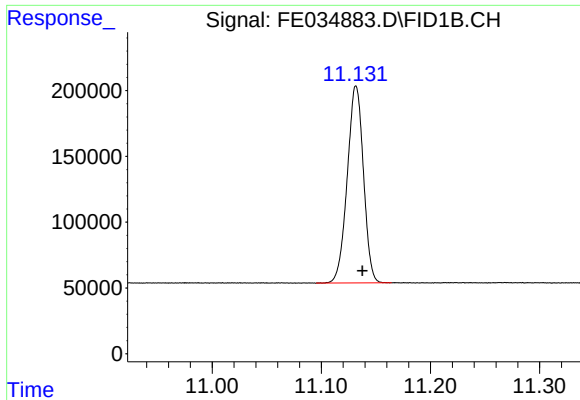
#7 n-Hexadecane (C16)

R.T.: 9.382 min
Delta R.T.: -0.003 min
Response: 1383884
Conc: 5.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.817 min
Delta R.T.: -0.006 min
Response: 1408520
Conc: 5.21 ug/ml



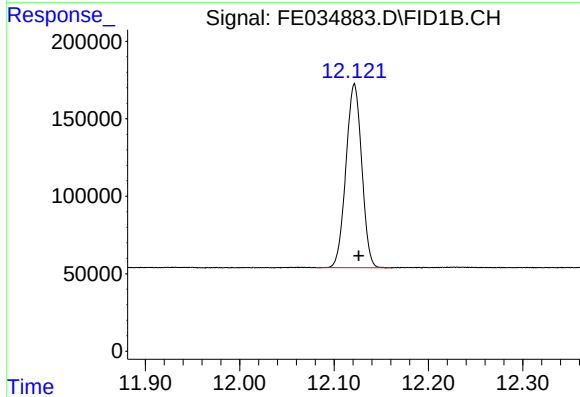
#9 ortho-Terphenyl (SURR)

R.T.: 11.132 min
Delta R.T.: -0.006 min
Response: 1542582
Conc: 5.20 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

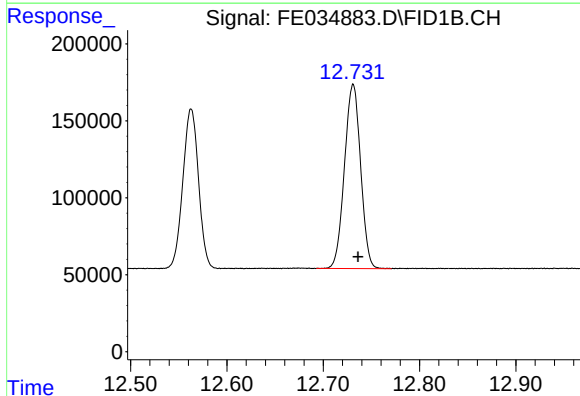
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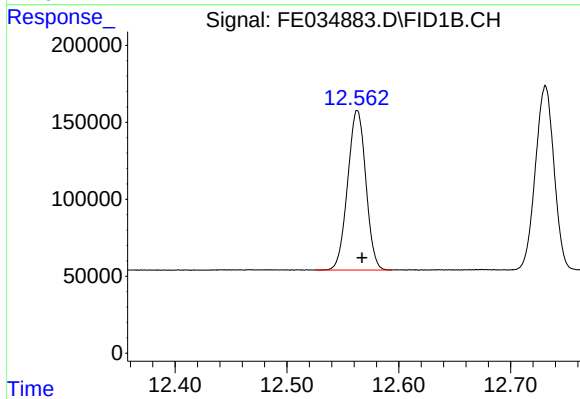
#10 n-Eicosane (C20)

R.T.: 12.122 min
Delta R.T.: -0.005 min
Response: 1379961
Conc: 5.22 ug/ml



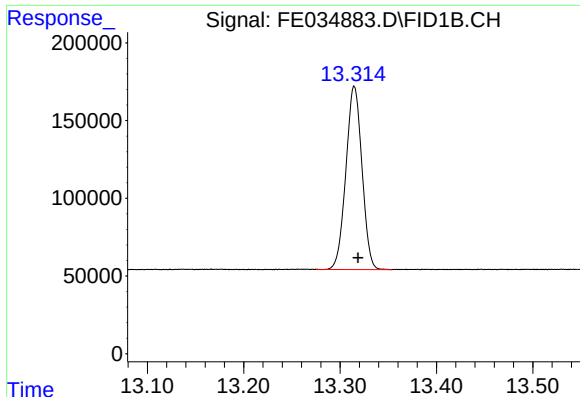
#11 n-Heneicosane (C21)

R.T.: 12.731 min
Delta R.T.: -0.005 min
Response: 1384489
Conc: 5.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.563 min
Delta R.T.: -0.004 min
Response: 1171977
Conc: 5.17 ug/ml



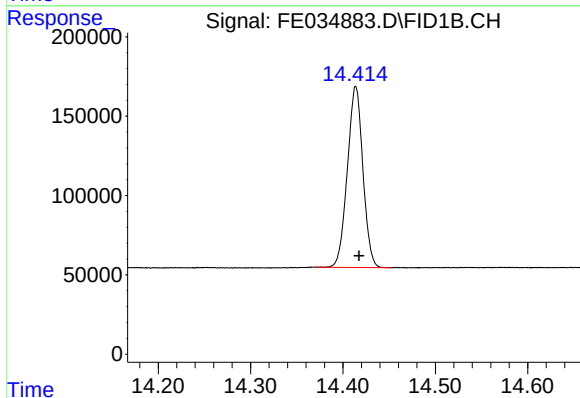
#13 n-Docosane (C22)

R.T.: 13.315 min
Delta R.T.: -0.004 min
Response: 1359294
Conc: 5.20 ug/ml

Instrument : FID_E
ClientSampleId : 5 PPM ALIPHATIC HC STD5

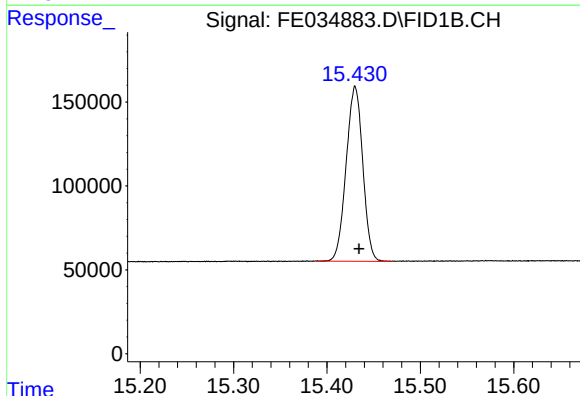
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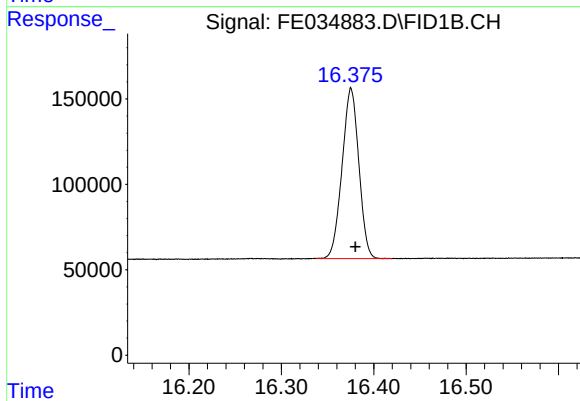
#14 n-Tetracosane (C24)

R.T.: 14.414 min
Delta R.T.: -0.004 min
Response: 1333501
Conc: 5.19 ug/ml



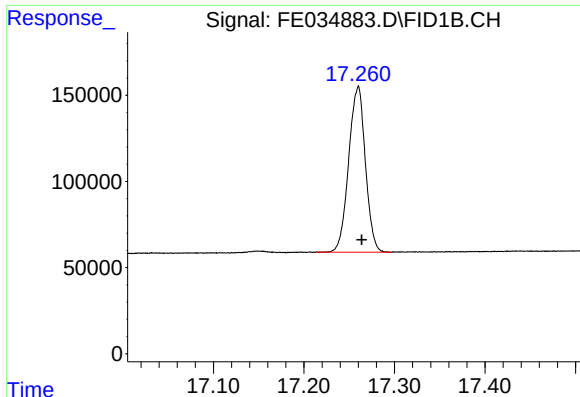
#15 n-Hexacosane (C26)

R.T.: 15.430 min
Delta R.T.: -0.004 min
Response: 1287702
Conc: 5.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.375 min
Delta R.T.: -0.005 min
Response: 1258810
Conc: 5.24 ug/ml



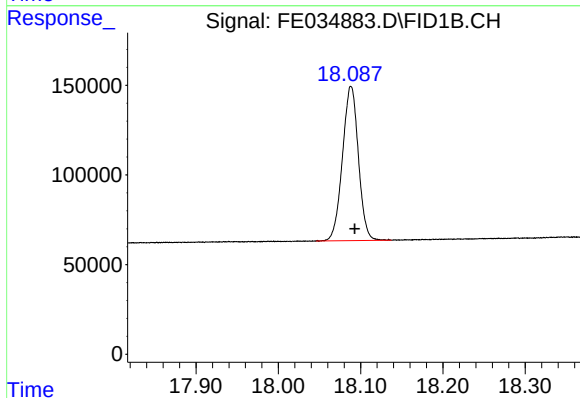
#17 n-Tricontane (C30)

R.T.: 17.260 min
Delta R.T.: -0.004 min
Response: 1231131
Conc: 5.33 ug/ml

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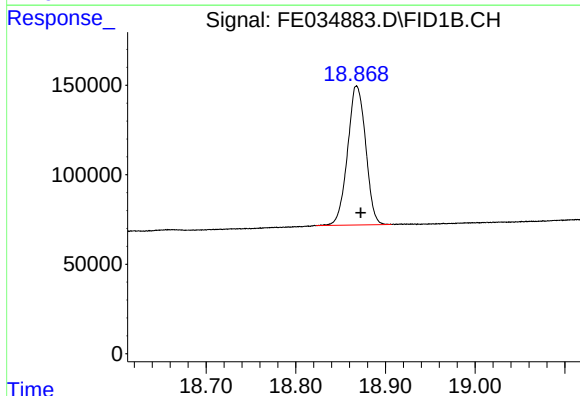
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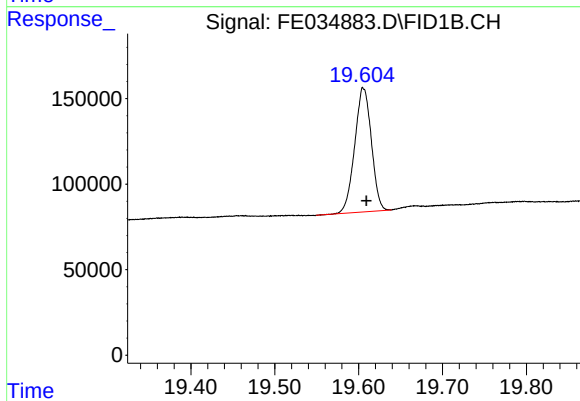
#18 n-Dotriacontane (C32)

R.T.: 18.088 min
Delta R.T.: -0.004 min
Response: 1155962
Conc: 5.40 ug/ml



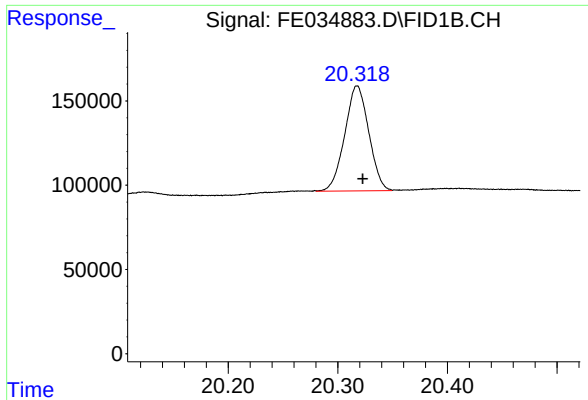
#19 n-Tetratriacontane (C34)

R.T.: 18.868 min
Delta R.T.: -0.004 min
Response: 1086062
Conc: 5.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.606 min
Delta R.T.: -0.004 min
Response: 1002691
Conc: 5.26 ug/ml



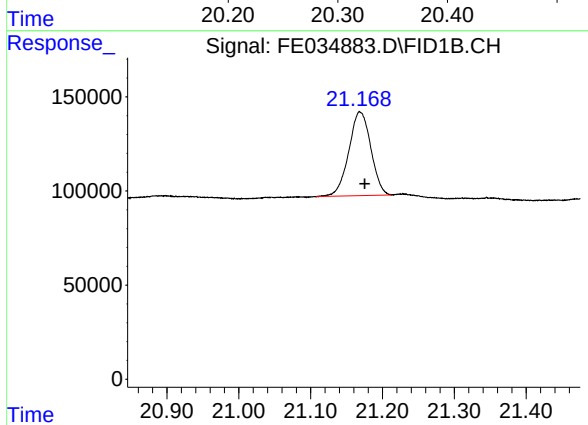
#21 n-Octatriacontane (C38)

R.T.: 20.318 min
Delta R.T.: -0.005 min
Response: 948860
Conc: 5.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.168 min
Delta R.T.: -0.007 min
Response: 948398
Conc: 5.10 ug/ml