

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030519AL\
 Data File : FD028104.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2019 15:50
 Operator : AJ\SJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Sohil
 3/6/2019 5:03:55 PM

Integration File: autoint1.e
 Quant Time: Mar 06 03:26:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:23:47 2019
 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)	11.201	1437107	10.428 ug/ml
Spiked Amount 50.000		Recovery =	20.86%
12) S 1-chlorooctadecane (S...	12.646	1133797	10.643 ug/ml
Spiked Amount 50.000		Recovery =	21.29%
Target Compounds			
1) T n-Nonane (C9)	3.048	925298	10.175 ug/ml
2) T n-Decane (C10)	4.104	950476	10.269 ug/ml
3) T A~Naphthalene (C11.7)	5.657	1061414	10.087 ug/ml
4) T n-Dodecane (C12)	6.107	962763	10.266 ug/ml
5) T A~2-methylnaphthalene...	6.703	1090630	10.211 ug/ml
6) T n-Tetradecane (C14)	7.889	995799	10.296 ug/ml
7) T n-Hexadecane (C16)	9.477	1046252	10.448 ug/ml
8) T n-Octadecane (C18)	10.908	1107716	10.623 ug/ml
10) T n-Eicosane (C20)	12.209	1143721	10.715 ug/ml
11) T n-Heneicosane (C21)	12.817	1127532	10.688 ug/ml
13) T n-Docosane (C22)	13.399	1136685	10.727 ug/ml
14) T n-Tetracosane (C24)	14.495	1120550	10.681 ug/ml
15) T n-Hexacosane (C26)	15.509	1076490	10.549 ug/ml
16) T n-Octacosane (C28)	16.452	1032818	10.485 ug/ml
17) T n-Tricontane (C30)	17.333	977115	10.459 ug/ml
18) T n-Dotriacontane (C32)	18.158	889169	10.425 ug/ml
19) T n-Tetratriacontane (C34)	18.937	760820	10.335 ug/ml
20) T n-Hexatriacontane (C36)	19.671	657709	10.283 ug/ml
21) T n-Octatriacontane (C38)	20.366	614665	10.355 ug/ml
22) T n-Tetracontane (C40)	21.132	603160	10.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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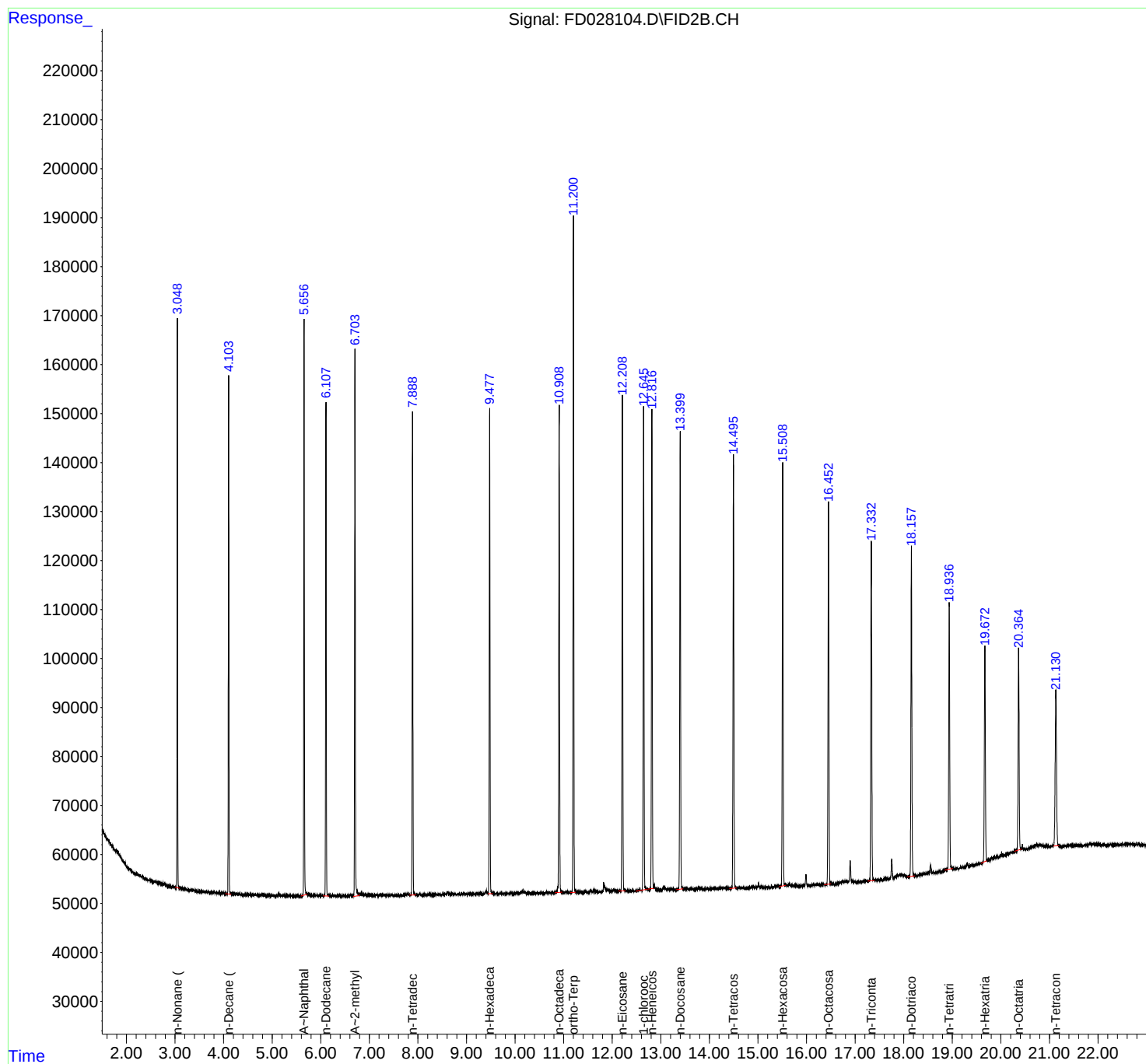
Instrument :
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10 PPM ALIPHATIC HC STD4

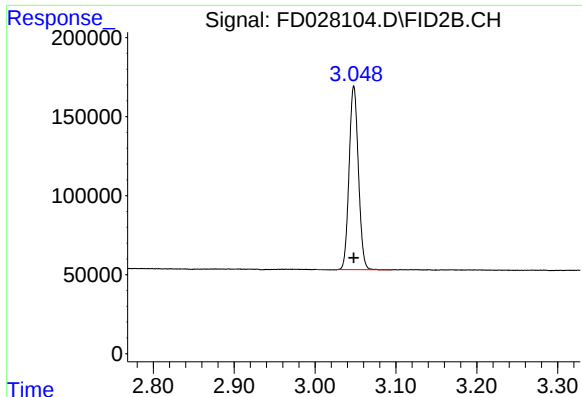
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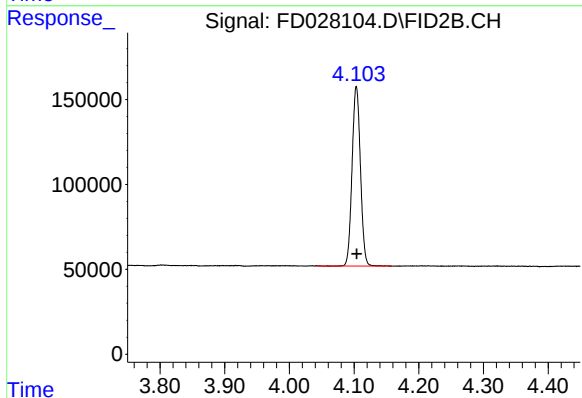
#1 n-Nonane (C9)

R.T.: 3.048 min
Delta R.T.: 0.000 min
Response: 925298
Conc: 10.17 ug/ml

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10 PPM ALIPHATIC HC STD4

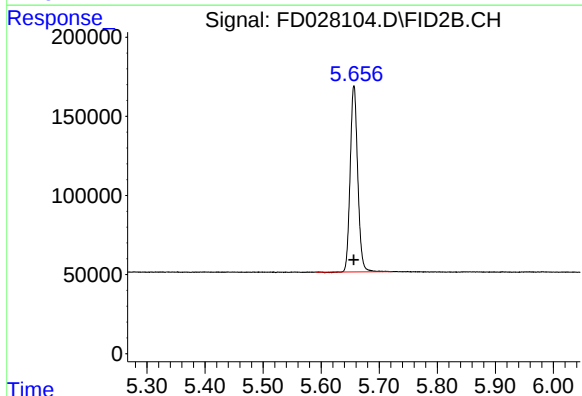
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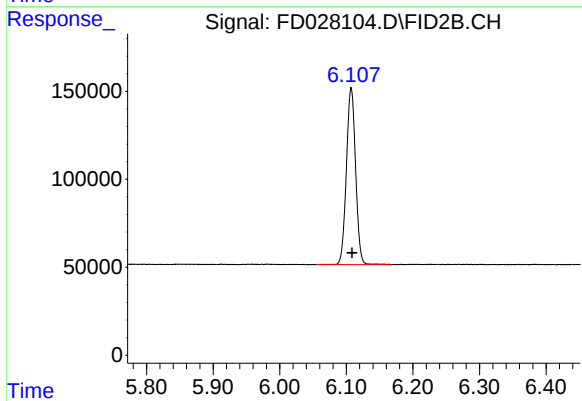
#2 n-Decane (C10)

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 950476
Conc: 10.27 ug/ml



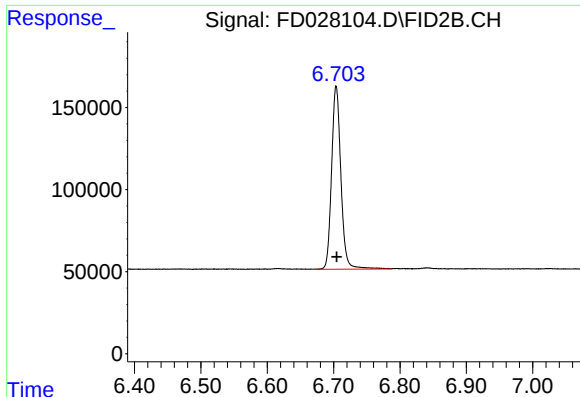
#3 A~Naphthalene (C11.7)

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 1061414
Conc: 10.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.107 min
Delta R.T.: -0.001 min
Response: 962763
Conc: 10.27 ug/ml



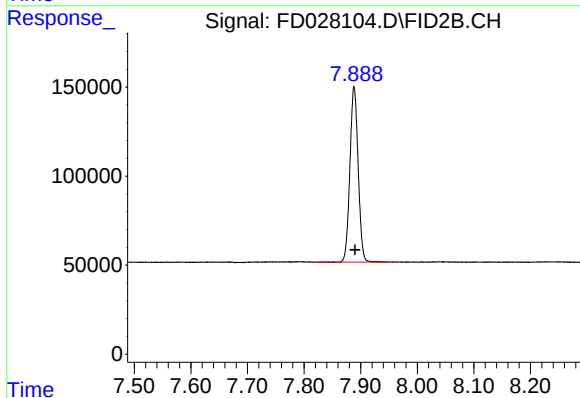
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.703 min
Delta R.T.: -0.001 min
Response: 1090630
Conc: 10.21 ug/ml m

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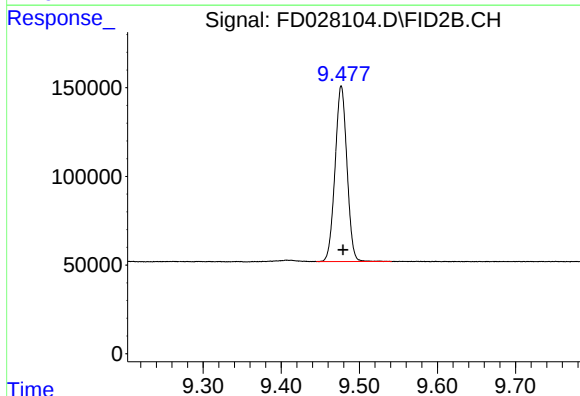
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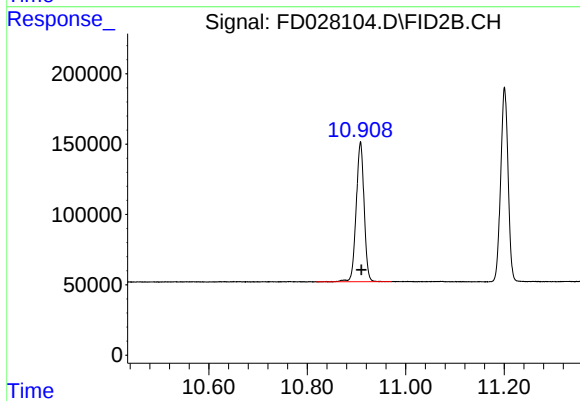
#6 n-Tetradecane (C14)

R.T.: 7.889 min
Delta R.T.: -0.002 min
Response: 995799
Conc: 10.30 ug/ml



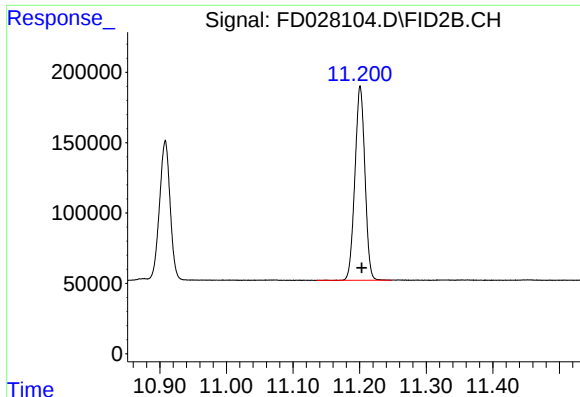
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: -0.002 min
Response: 1046252
Conc: 10.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.908 min
Delta R.T.: -0.002 min
Response: 1107716
Conc: 10.62 ug/ml



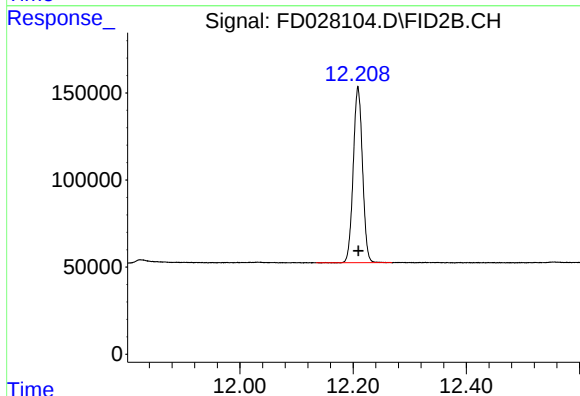
#9 ortho-Terphenyl (SURR)

R.T.: 11.201 min
Delta R.T.: -0.002 min
Response: 1437107
Conc: 10.43 ug/ml

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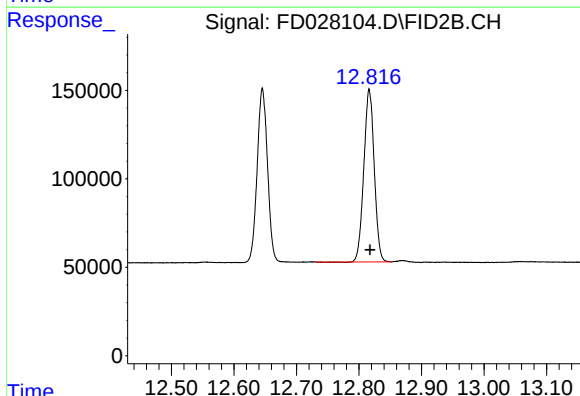
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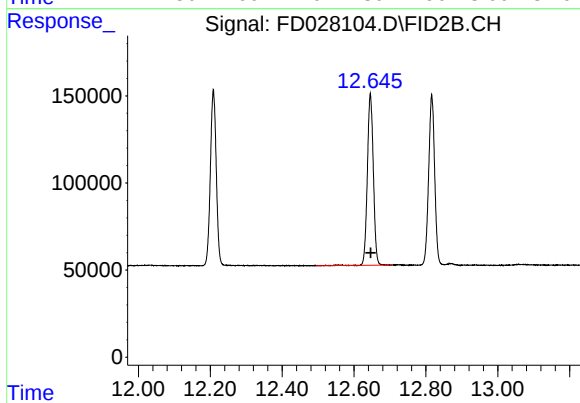
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: -0.001 min
Response: 1143721
Conc: 10.72 ug/ml



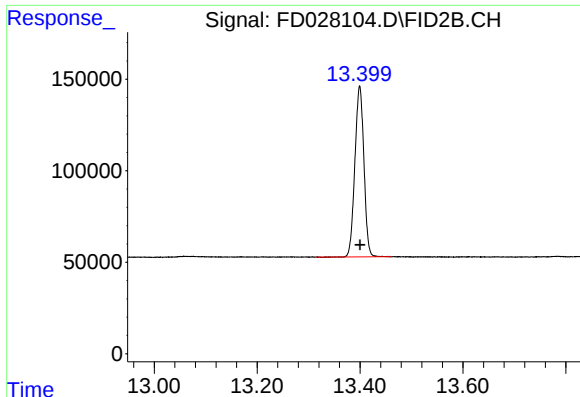
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: -0.001 min
Response: 1127532
Conc: 10.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.646 min
Delta R.T.: -0.001 min
Response: 1133797
Conc: 10.64 ug/ml



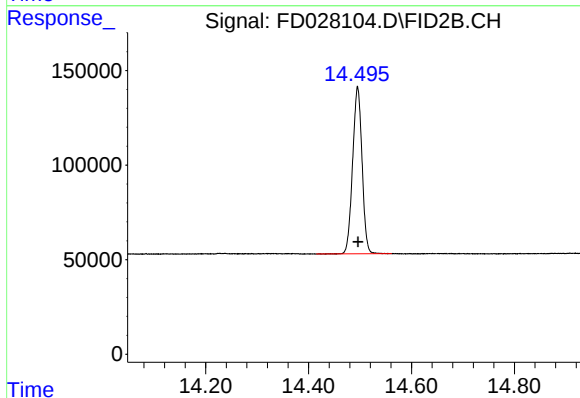
#13 n-Docosane (C22)

R.T.: 13.399 min
Delta R.T.: 0.000 min
Response: 1136685
Conc: 10.73 ug/ml

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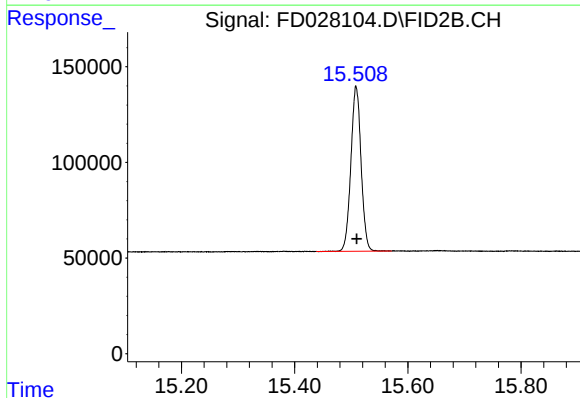
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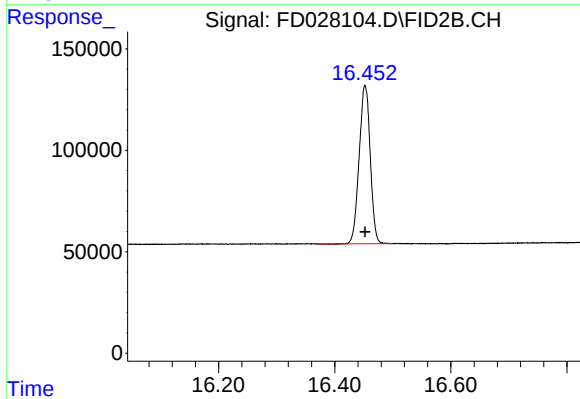
#14 n-Tetracosane (C24)

R.T.: 14.495 min
Delta R.T.: 0.000 min
Response: 1120550
Conc: 10.68 ug/ml



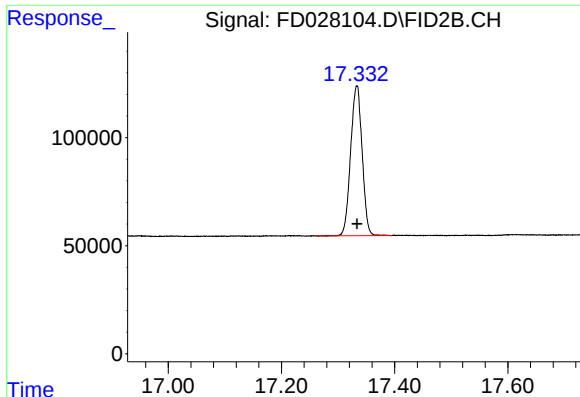
#15 n-Hexacosane (C26)

R.T.: 15.509 min
Delta R.T.: -0.001 min
Response: 1076490
Conc: 10.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.452 min
Delta R.T.: 0.000 min
Response: 1032818
Conc: 10.48 ug/ml



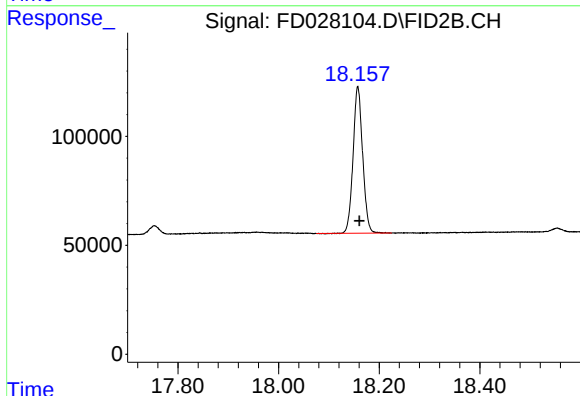
#17 n-Tricontane (C30)

R.T.: 17.333 min
Delta R.T.: 0.000 min
Response: 977115
Conc: 10.46 ug/ml

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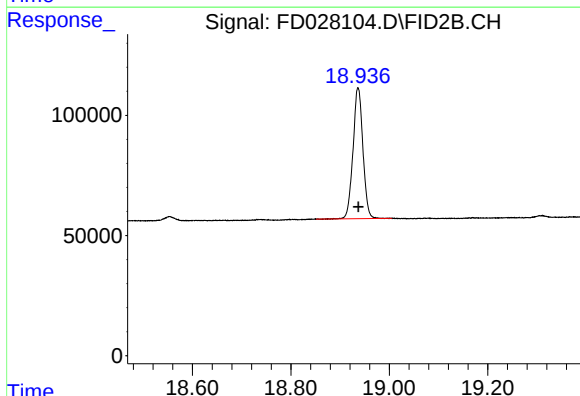
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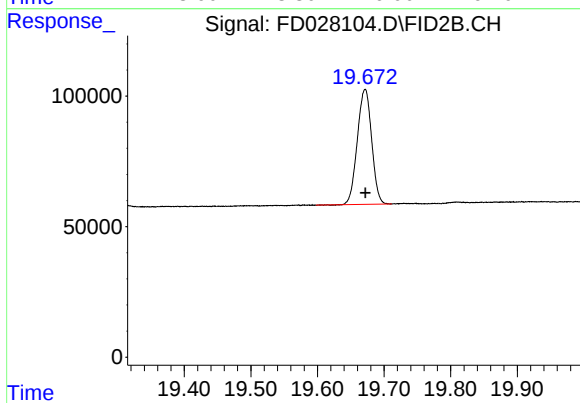
#18 n-Dotriacontane (C32)

R.T.: 18.158 min
Delta R.T.: -0.003 min
Response: 889169
Conc: 10.43 ug/ml



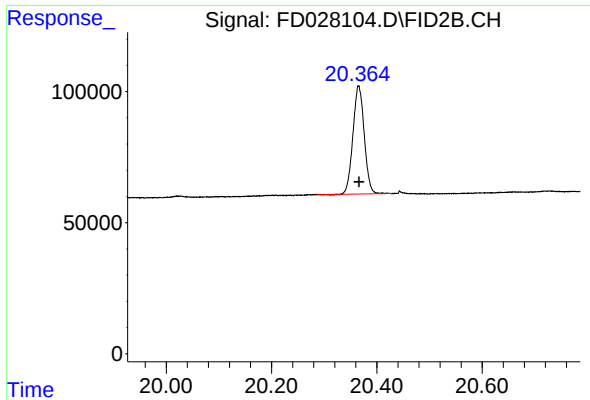
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 760820
Conc: 10.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.671 min
Delta R.T.: 0.000 min
Response: 657709
Conc: 10.28 ug/ml



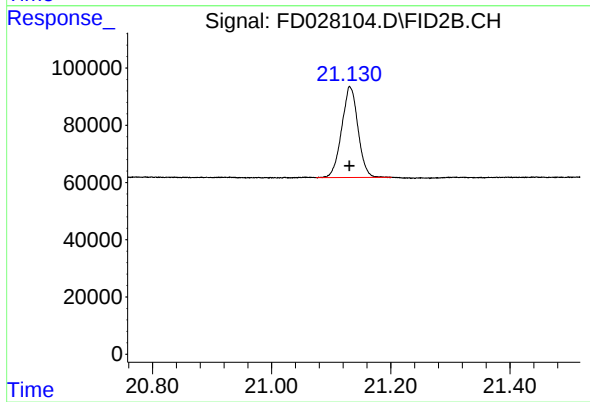
#21 n-Octatriacontane (C38)

R.T.: 20.366 min
Delta R.T.: 0.000 min
Response: 614665
Conc: 10.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.132 min
Delta R.T.: 0.000 min
Response: 603160
Conc: 10.31 ug/ml