

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110220AL\
 Data File : FD035247.D
 Signal(s) : FID2B.CH
 Acq On : 02 Nov 2020 23:08
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 03 02:56:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:51:40 2020
 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)	11.542	1331515	9.899 ug/ml
Spiked Amount 50.000		Recovery =	19.80%
12) S 1-chlorooctadecane (S...	12.974	1067424	9.889 ug/ml
Spiked Amount 50.000		Recovery =	19.78%
Target Compounds			
1) T n-Nonane (C9)	3.334	1146276	9.803 ug/ml
2) T n-Decane (C10)	4.398	1149127	9.773 ug/ml
3) T A~Naphthalene (C11.7)	5.978	1225181	9.538 ug/ml
4) T n-Dodecane (C12)	6.408	1179776	9.845 ug/ml
5) T A~2-methylnaphthalene...	7.030	1239368	9.485 ug/ml
6) T n-Tetradecane (C14)	8.196	1169973	9.798 ug/ml
7) T n-Hexadecane (C16)	9.791	1163899	9.796 ug/ml
8) T n-Octadecane (C18)	11.227	1235879	9.893 ug/ml
10) T n-Eicosane (C20)	12.532	1257883	9.928 ug/ml
11) T n-Heneicosane (C21)	13.141	1261185	9.934 ug/ml
13) T n-Docosane (C22)	13.725	1268106	9.962 ug/ml
14) T n-Tetracosane (C24)	14.823	1271495	9.932 ug/ml
15) T n-Hexacosane (C26)	15.840	1267979	9.947 ug/ml
16) T n-Octacosane (C28)	16.784	1270674	9.950 ug/ml
17) T n-Tricontane (C30)	17.668	1252517	9.968 ug/ml
18) T n-Dotriacontane (C32)	18.496	1174752	10.050 ug/ml
19) T n-Tetratriacontane (C34)	19.275	1089928	9.948 ug/ml
20) T n-Hexatriacontane (C36)	20.010	973533	9.637 ug/ml
21) T n-Octatriacontane (C38)	20.732	922086	9.919 ug/ml
22) T n-Tetracontane (C40)	21.613	995498	11.001 ug/ml

(f)=RT Delta > 1/2 Window

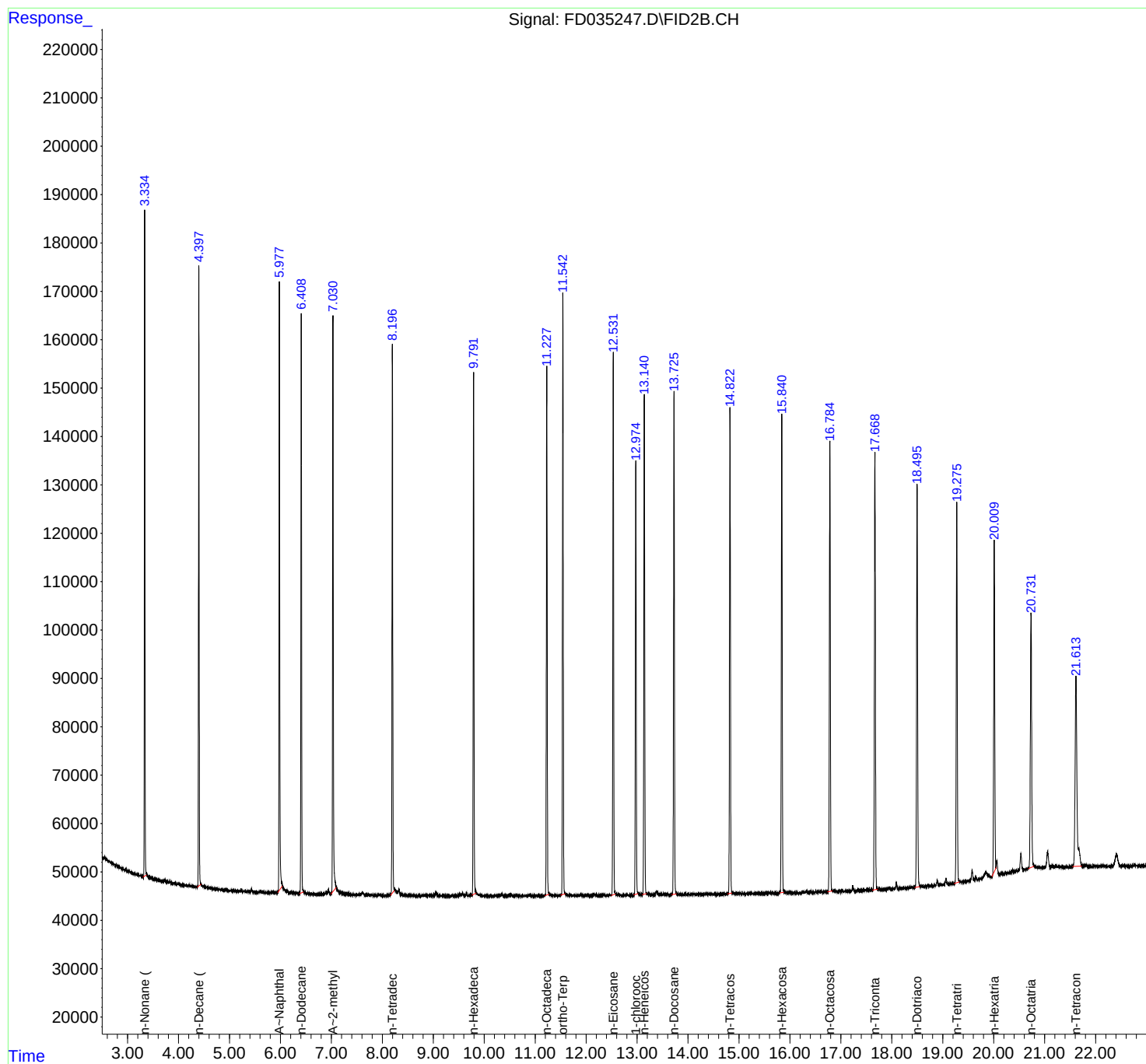
(m)=manual int.

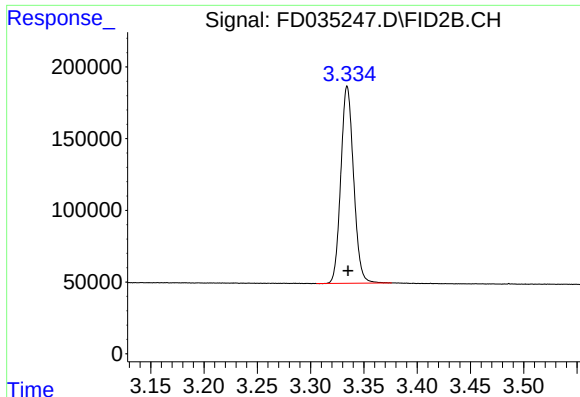
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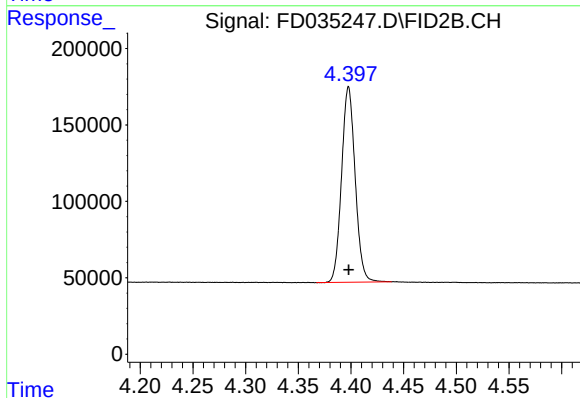




#1 n-Nonane (C9)

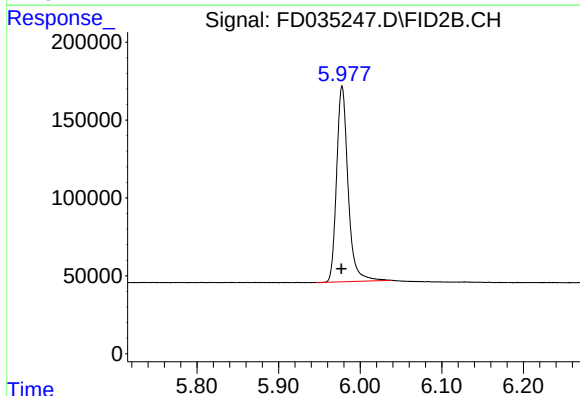
R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 1146276
Conc: 9.80 ug/ml

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10 PPM ALIPHATIC HC STD4



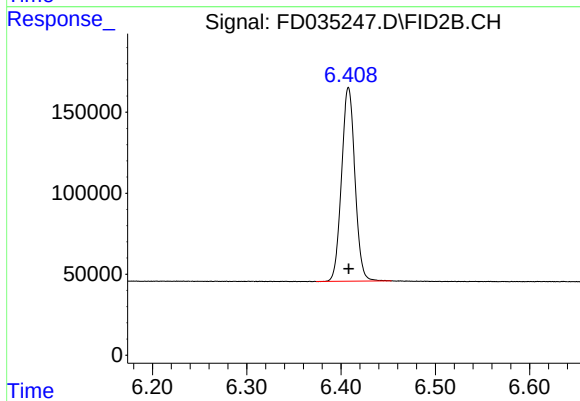
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: 0.000 min
Response: 1149127
Conc: 9.77 ug/ml



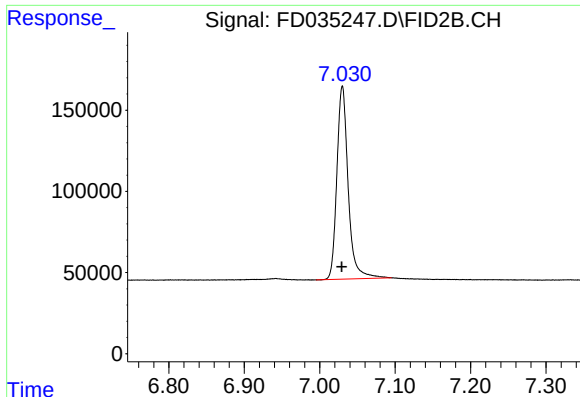
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 1225181
Conc: 9.54 ug/ml



#4 n-Dodecane (C12)

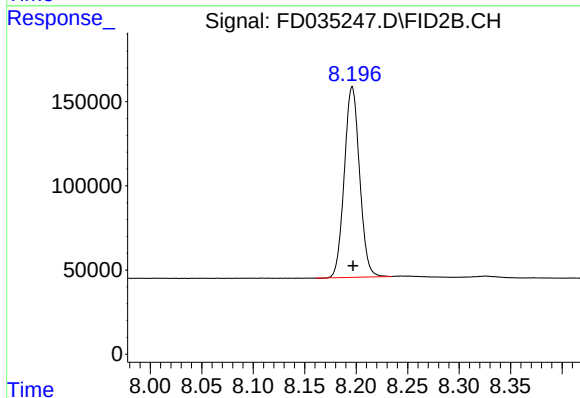
R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 1179776
Conc: 9.85 ug/ml



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

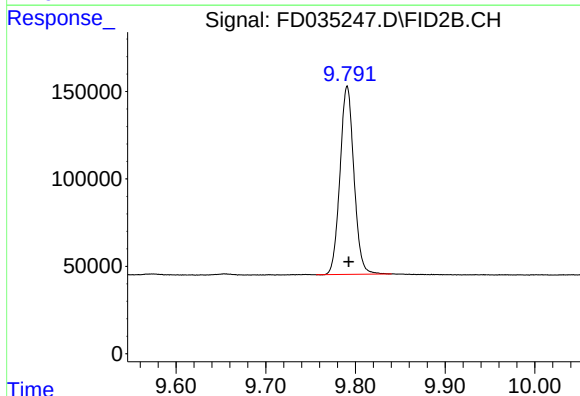
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 1239368
Conc: 9.49 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



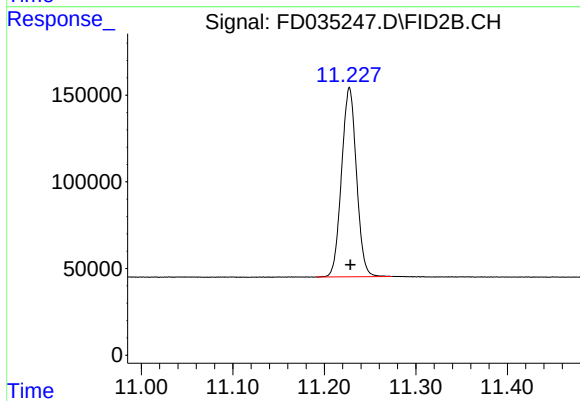
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 1169973
Conc: 9.80 ug/ml



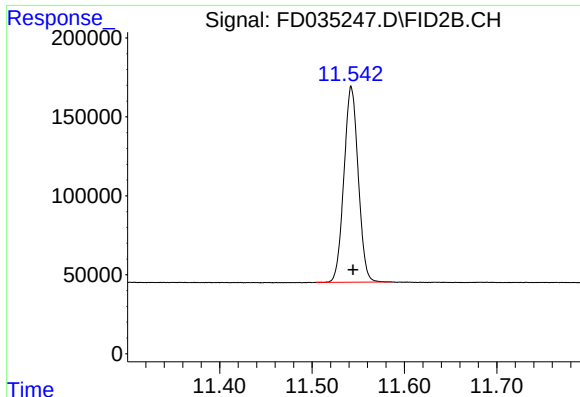
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: -0.001 min
Response: 1163899
Conc: 9.80 ug/ml



#8 n-Octadecane (C18)

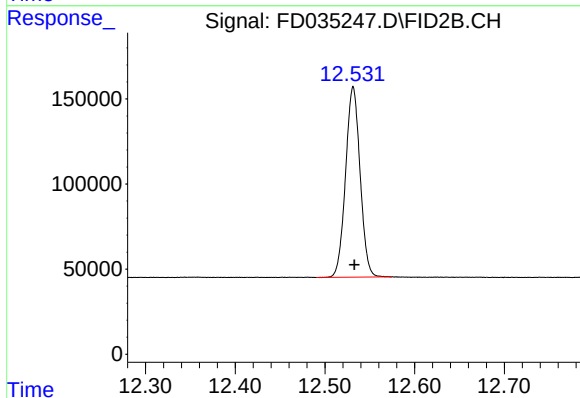
R.T.: 11.227 min
Delta R.T.: -0.001 min
Response: 1235879
Conc: 9.89 ug/ml



#9 ortho-Terphenyl (SURR)

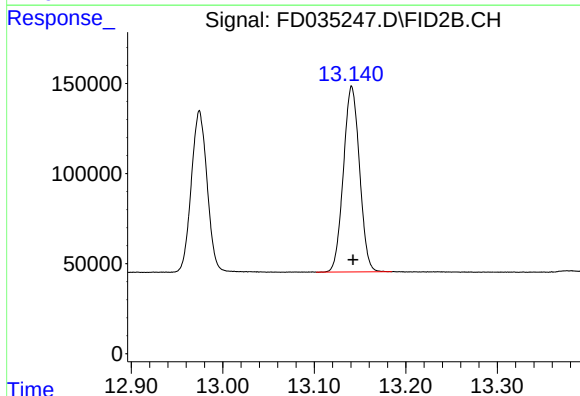
R.T.: 11.542 min
Delta R.T.: -0.002 min
Response: 1331515
Conc: 9.90 ug/ml

Instrument :
FID_D
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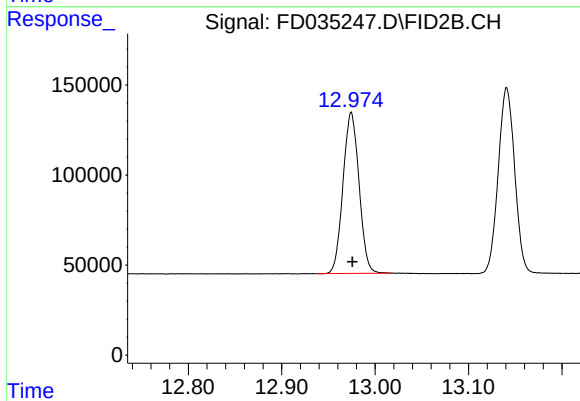
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.001 min
Response: 1257883
Conc: 9.93 ug/ml



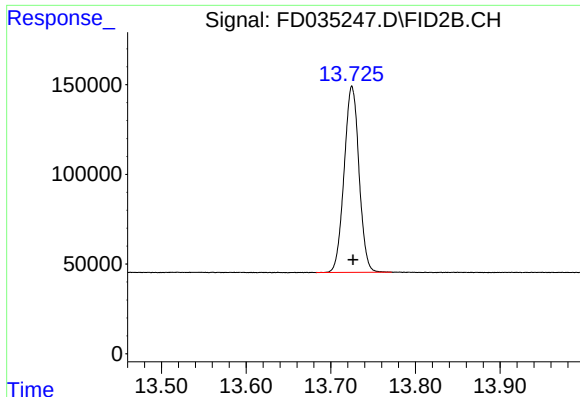
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.001 min
Response: 1261185
Conc: 9.93 ug/ml



#12 1-chlorooctadecane (SURR)

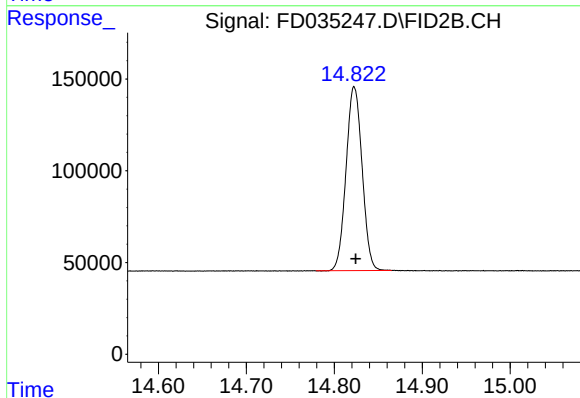
R.T.: 12.974 min
Delta R.T.: -0.001 min
Response: 1067424
Conc: 9.89 ug/ml



#13 n-Docosane (C22)

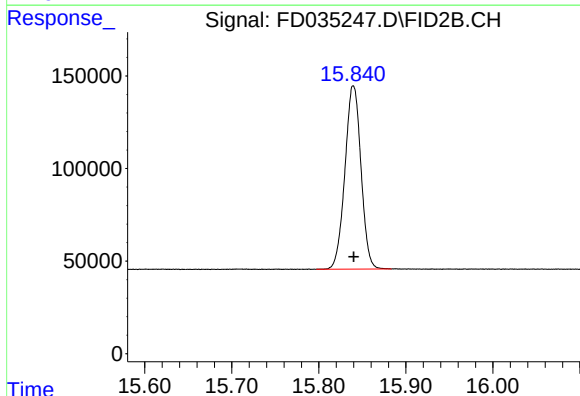
R.T.: 13.725 min
Delta R.T.: -0.001 min
Response: 1268106
Conc: 9.96 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



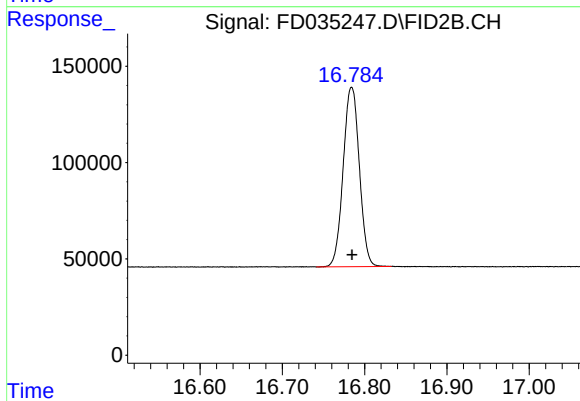
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.002 min
Response: 1271495
Conc: 9.93 ug/ml



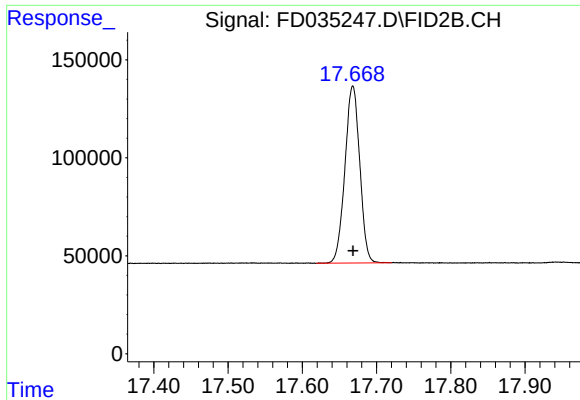
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.000 min
Response: 1267979
Conc: 9.95 ug/ml



#16 n-Octacosane (C28)

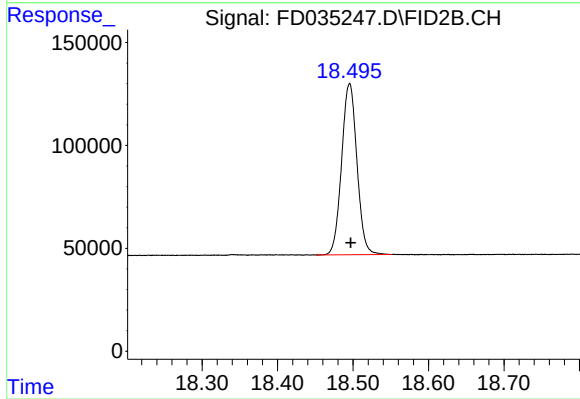
R.T.: 16.784 min
Delta R.T.: 0.000 min
Response: 1270674
Conc: 9.95 ug/ml



#17 n-Tricontane (C30)

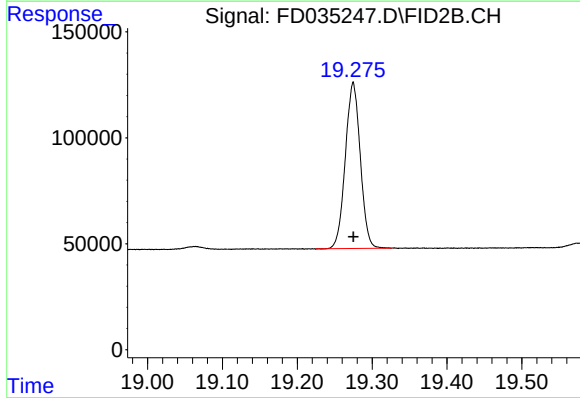
R.T.: 17.668 min
Delta R.T.: 0.000 min
Response: 1252517
Conc: 9.97 ug/ml

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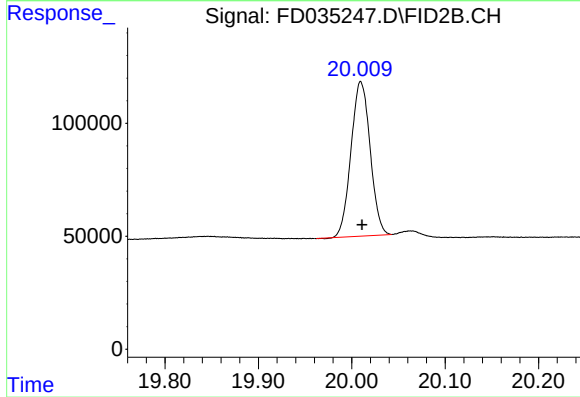
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.002 min
Response: 1174752
Conc: 10.05 ug/ml



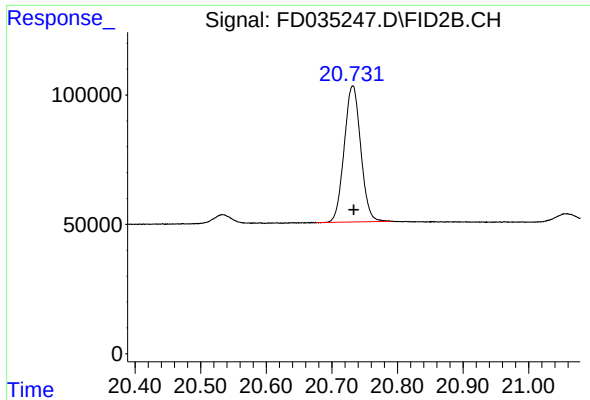
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 1089928
Conc: 9.95 ug/ml



#20 n-Hexatriacontane (C36)

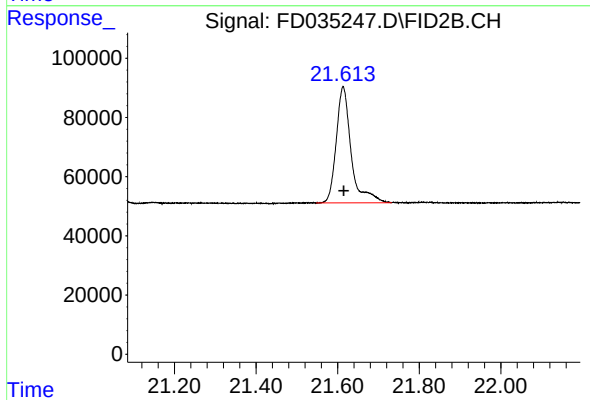
R.T.: 20.010 min
Delta R.T.: -0.001 min
Response: 973533
Conc: 9.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.001 min
Response: 922086
Conc: 9.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.613 min
Delta R.T.: -0.001 min
Response: 995498
Conc: 11.00 ug/ml