

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060421AL\
 Data File : FD037684.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jun 2021 14:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 6/8/2021 8:48:11 AM

Integration File: autoint1.e
 Quant Time: Jun 04 15:38:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.457	2202772	18.784 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	12.891	1681835	18.509 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.256	2073763	20.553 ug/ml
2) T n-Decane (C10)	4.318	2108924	20.786 ug/ml
3) T A~Naphthalene (C11.7)	5.893	2370134	20.815 ug/ml
4) T n-Dodecane (C12)	6.328	2176322	21.052 ug/ml
5) T A~2-methylnaphthalene...	6.945	2402922	20.756 ug/ml
6) T n-Tetradecane (C14)	8.116	2182901	20.944 ug/ml
7) T n-Hexadecane (C16)	9.710	2109489	20.444 ug/ml
8) T n-Octadecane (C18)	11.146	2130295	19.717 ug/ml
10) T n-Eicosane (C20)	12.450	2074218	19.032 ug/ml
11) T n-Heneicosane (C21)	13.059	2035412	18.697 ug/ml
13) T n-Docosane (C22)	13.643	2013807	18.538 ug/ml
14) T n-Tetracosane (C24)	14.740	2004838	18.503 ug/ml
15) T n-Hexacosane (C26)	15.756	1961501	18.415 ug/ml
16) T n-Octacosane (C28)	16.702	1960486	18.504 ug/ml
17) T n-Tricontane (C30)	17.585	1985419	18.859 ug/ml
18) T n-Dotriacontane (C32)	18.415	1972772	18.939 ug/ml
19) T n-Tetratriacontane (C34)	19.194	1919801	18.888 ug/ml
20) T n-Hexatriacontane (C36)	19.931	1880122	19.275 ug/mlm
21) T n-Octatriacontane (C38)	20.639	1699718	18.488 ug/ml
22) T n-Tetracontane (C40)	21.484	1828178	18.985 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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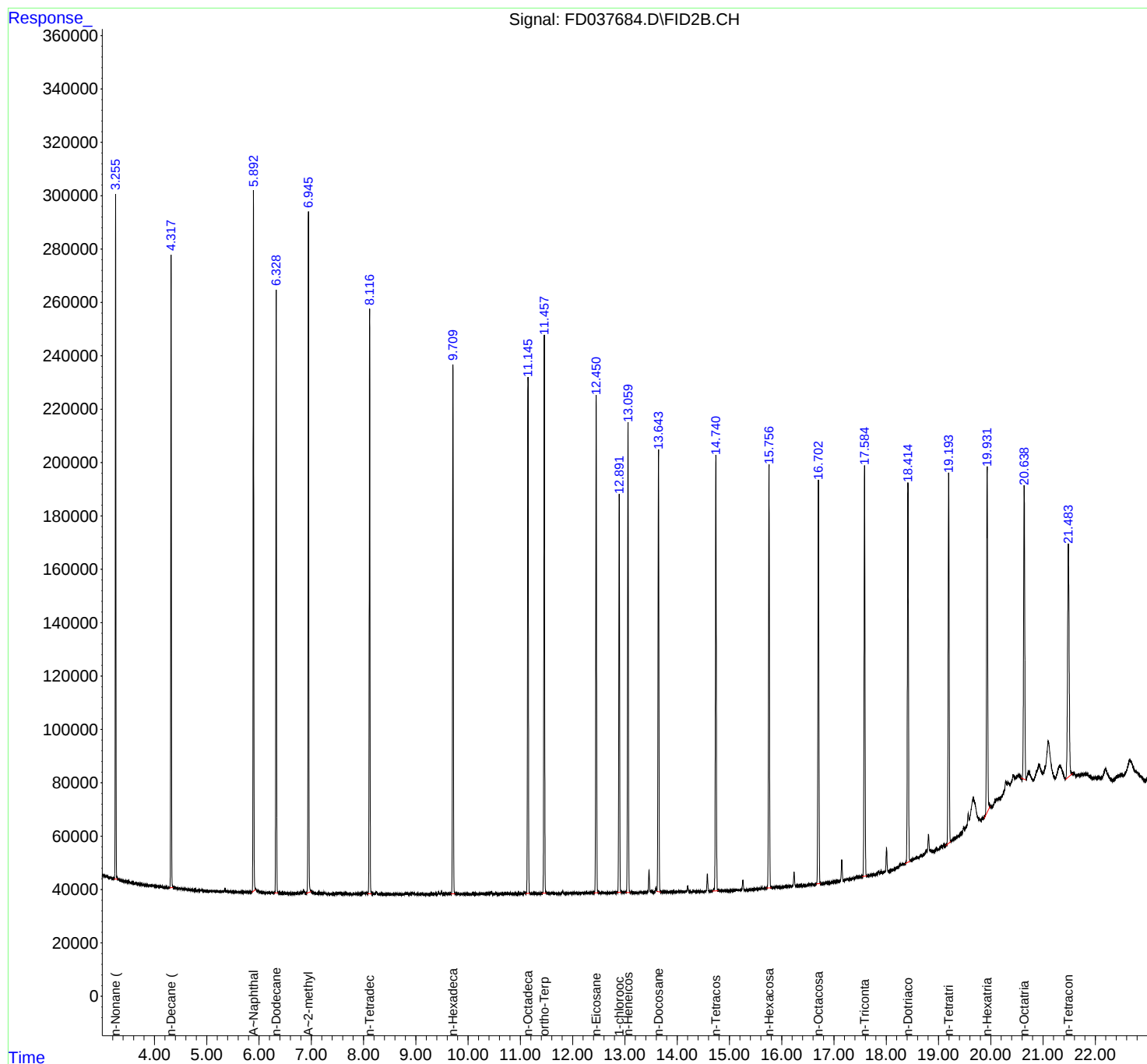
Instrument :
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20 PPM ALIPHATIC HC STD

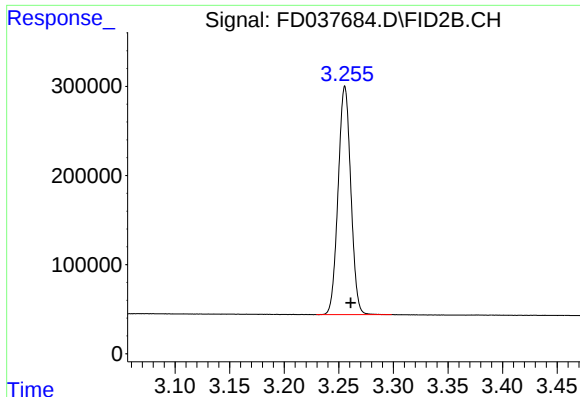
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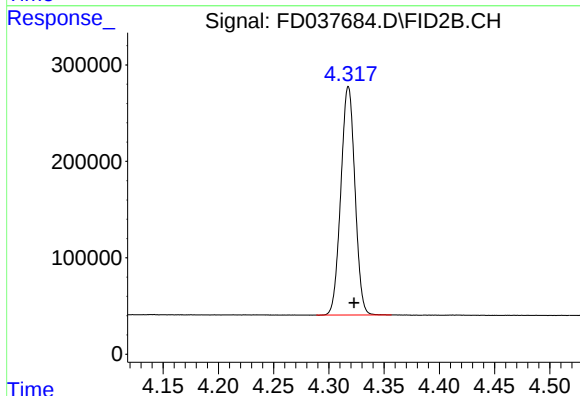
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.005 min
Response: 2073763
Conc: 20.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

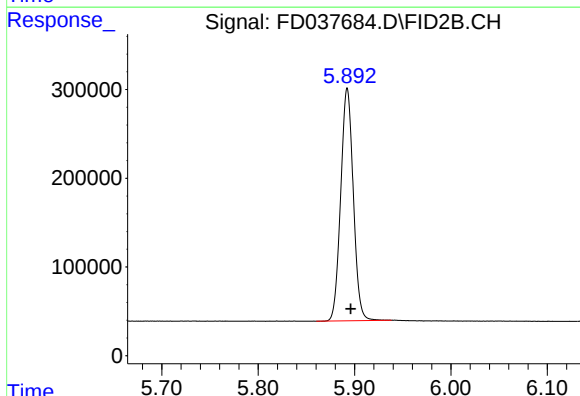
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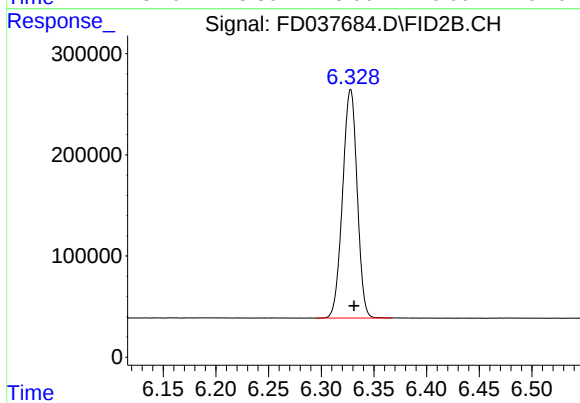
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.005 min
Response: 2108924
Conc: 20.79 ug/ml



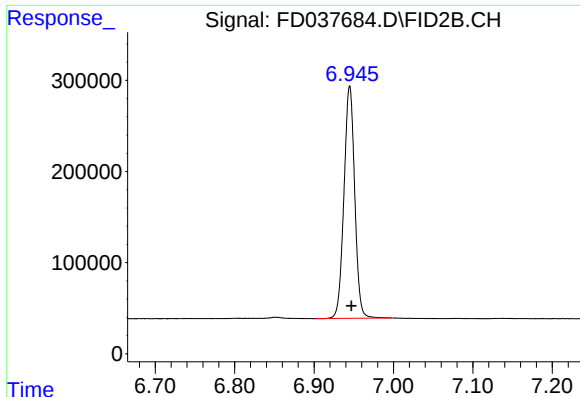
#3 A~Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 2370134
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 2176322
Conc: 21.05 ug/ml



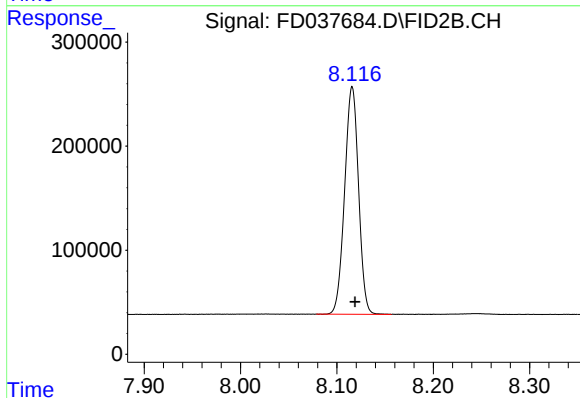
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 2402922
Conc: 20.76 ug/ml

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20 PPM ALIPHATIC HC STD

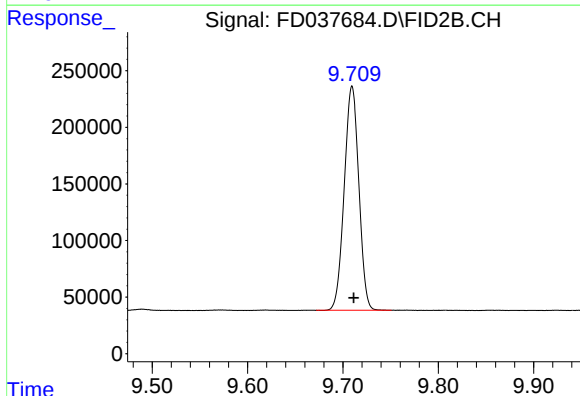
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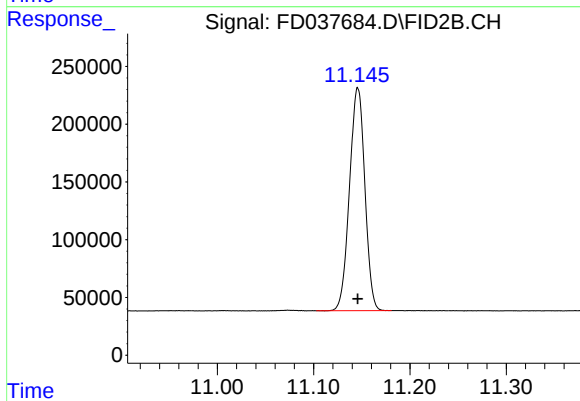
#6 n-Tetradecane (C14)

R.T.: 8.116 min
Delta R.T.: -0.003 min
Response: 2182901
Conc: 20.94 ug/ml



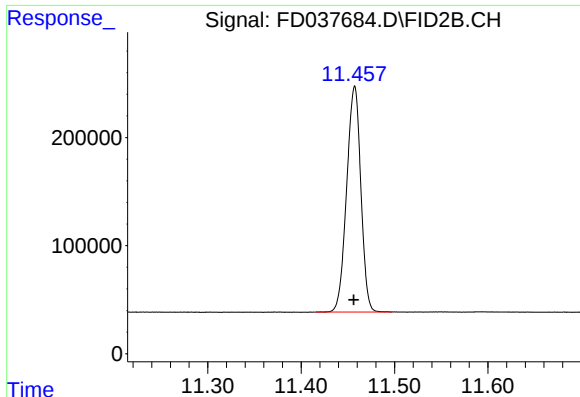
#7 n-Hexadecane (C16)

R.T.: 9.710 min
Delta R.T.: -0.002 min
Response: 2109489
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.146 min
Delta R.T.: 0.000 min
Response: 2130295
Conc: 19.72 ug/ml



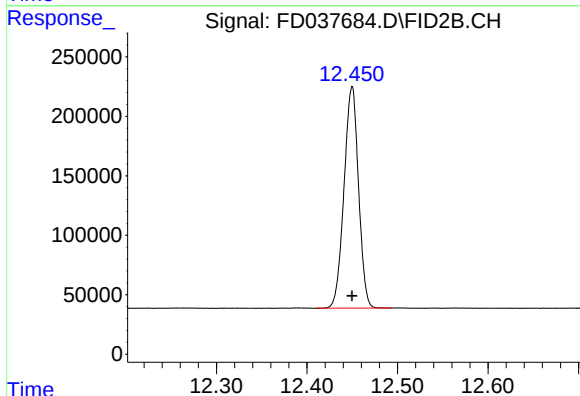
#9 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: 0.000 min
Response: 2202772
Conc: 18.78 ug/ml

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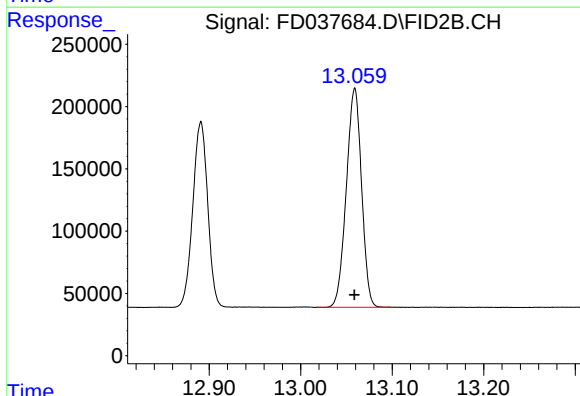
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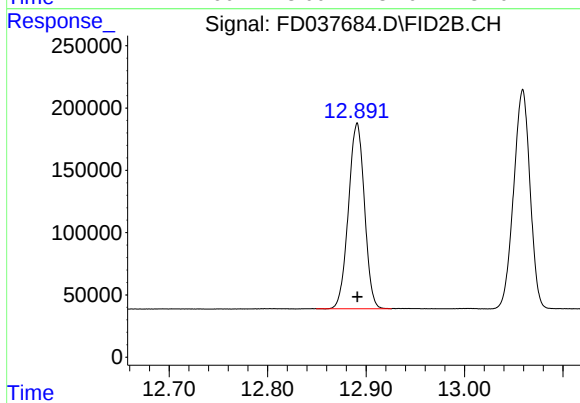
#10 n-Eicosane (C20)

R.T.: 12.450 min
Delta R.T.: 0.000 min
Response: 2074218
Conc: 19.03 ug/ml



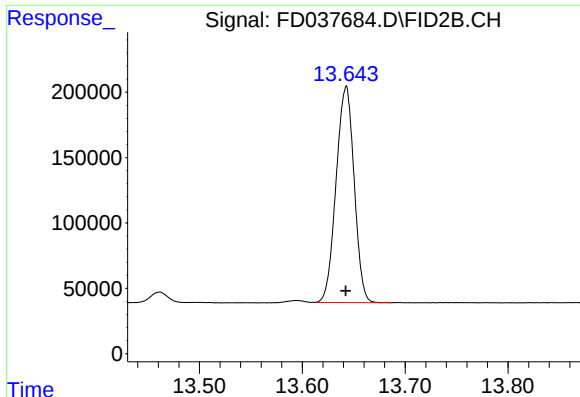
#11 n-Heneicosane (C21)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 2035412
Conc: 18.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.891 min
Delta R.T.: 0.000 min
Response: 1681835
Conc: 18.51 ug/ml



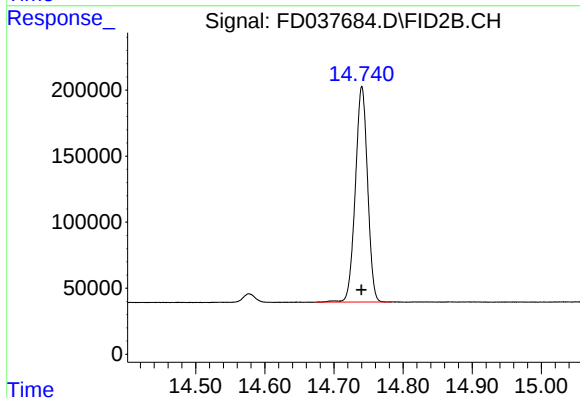
#13 n-Docosane (C22)

R.T.: 13.643 min
Delta R.T.: 0.000 min
Response: 2013807
Conc: 18.54 ug/ml

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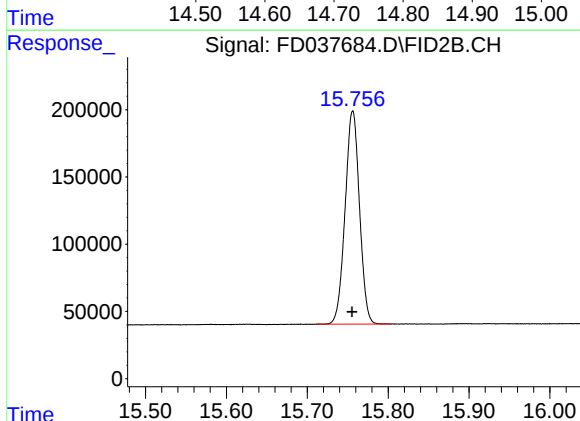
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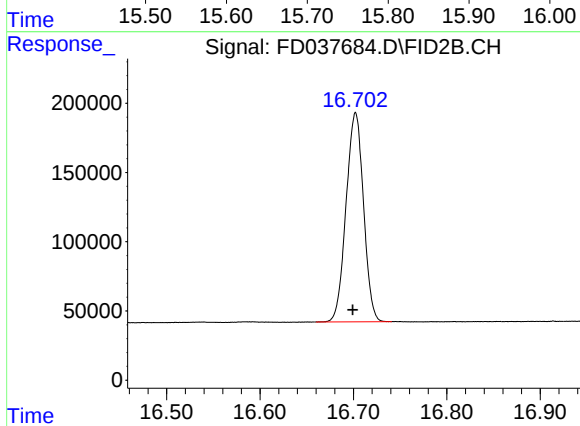
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2004838
Conc: 18.50 ug/ml



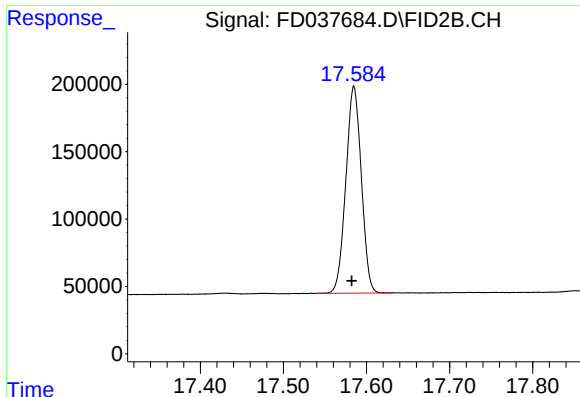
#15 n-Hexacosane (C26)

R.T.: 15.756 min
Delta R.T.: 0.001 min
Response: 1961501
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.702 min
Delta R.T.: 0.003 min
Response: 1960486
Conc: 18.50 ug/ml



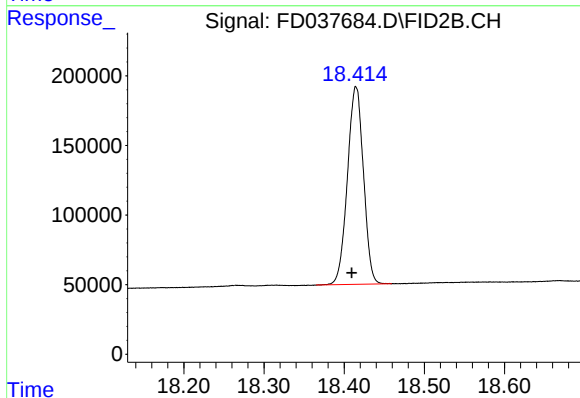
#17 n-Tricontane (C30)

R.T.: 17.585 min
Delta R.T.: 0.003 min
Response: 1985419
Conc: 18.86 ug/ml

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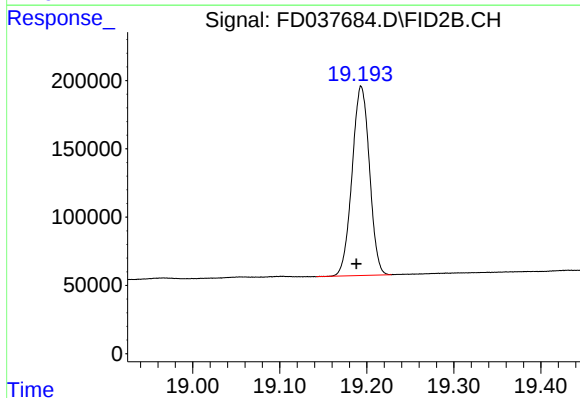
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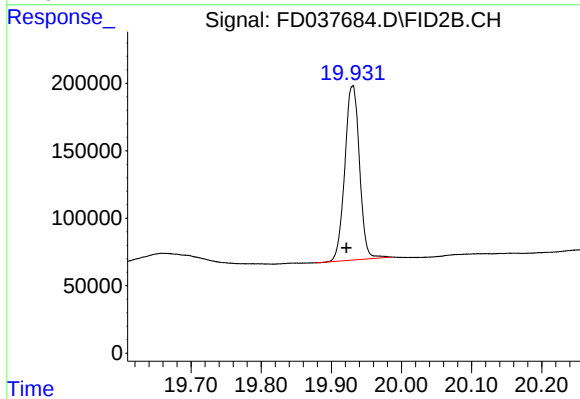
#18 n-Dotriacontane (C32)

R.T.: 18.415 min
Delta R.T.: 0.005 min
Response: 1972772
Conc: 18.94 ug/ml



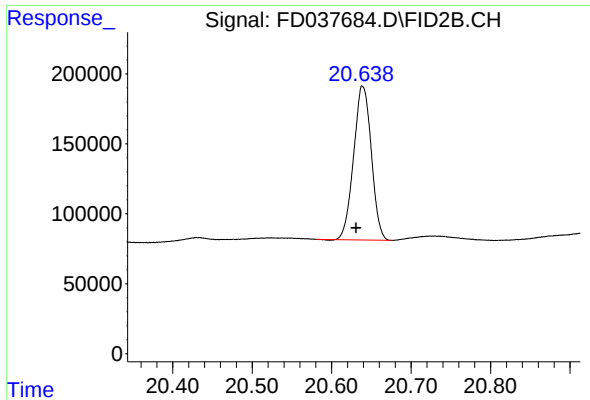
#19 n-Tetratriacontane (C34)

R.T.: 19.194 min
Delta R.T.: 0.005 min
Response: 1919801
Conc: 18.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.931 min
Delta R.T.: 0.009 min
Response: 1880122
Conc: 19.28 ug/ml m



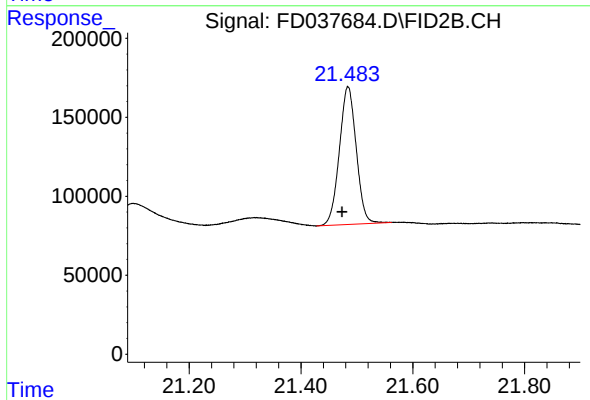
#21 n-Octatriacontane (C38)

R.T.: 20.639 min
Delta R.T.: 0.008 min
Response: 1699718
Conc: 18.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.484 min
Delta R.T.: 0.011 min
Response: 1828178
Conc: 18.99 ug/ml