

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110420AL\
 Data File : FD035312.D
 Signal(s) : FID2B.CH
 Acq On : 04 Nov 2020 16:36
 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

Integration File: autoint1.e
 Quant Time: Nov 05 00:37:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 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)	11.541	2641294	20.304 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.972	2106439	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.333	2304115	20.462 ug/ml
2) T n-Decane (C10)	4.397	2321658	20.545 ug/ml
3) T A-Naphthalene (C11.7)	5.976	2534980	20.728 ug/ml
4) T n-Dodecane (C12)	6.407	2382599	20.608 ug/ml
5) T A~2-methylnaphthalene...	7.028	2581956	20.635 ug/ml
6) T n-Tetradecane (C14)	8.195	2396515	20.810 ug/ml
7) T n-Hexadecane (C16)	9.789	2362690	20.677 ug/ml
8) T n-Octadecane (C18)	11.225	2476551	20.522 ug/ml
10) T n-Eicosane (C20)	12.529	2495271	20.348 ug/ml
11) T n-Heneicosane (C21)	13.139	2482566	20.192 ug/ml
13) T n-Docosane (C22)	13.722	2473712	20.061 ug/ml
14) T n-Tetracosane (C24)	14.819	2462116	19.901 ug/ml
15) T n-Hexacosane (C26)	15.835	2401761	19.513 ug/ml
16) T n-Octacosane (C28)	16.780	2341822	19.021 ug/ml
17) T n-Tricontane (C30)	17.663	2245130	18.577 ug/ml
18) T n-Dotriacontane (C32)	18.490	2042901	18.169 ug/ml
19) T n-Tetratriacontane (C34)	19.268	1874444	17.859 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1712899	17.881 ug/ml
21) T n-Octatriacontane (C38)	20.724	1629142	18.341 ug/ml
22) T n-Tetracontane (C40)	21.605	1694682	19.310 ug/ml

(f)=RT Delta > 1/2 Window

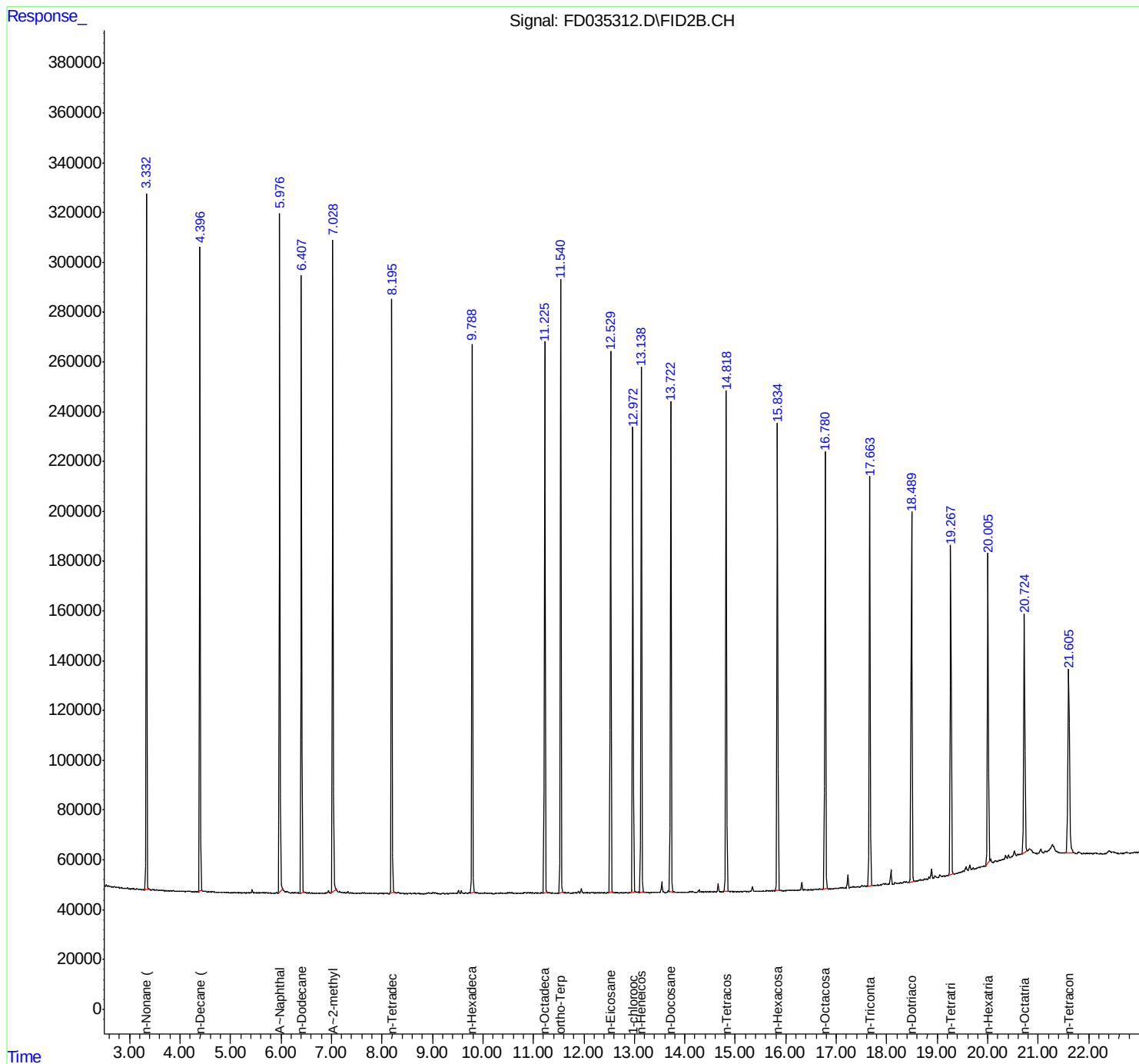
(m)=manual int.

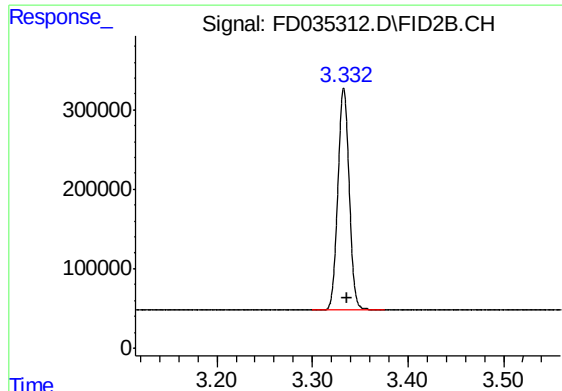
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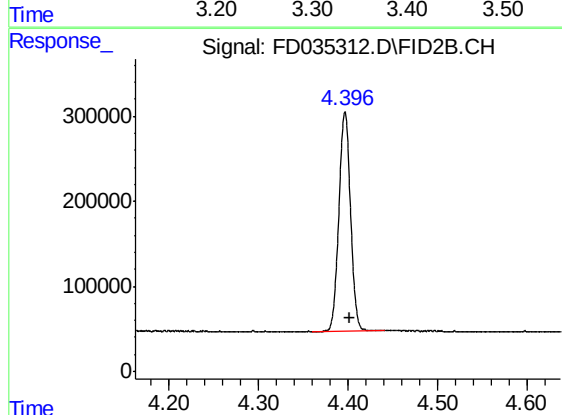




#1 n-Nonane (C9)

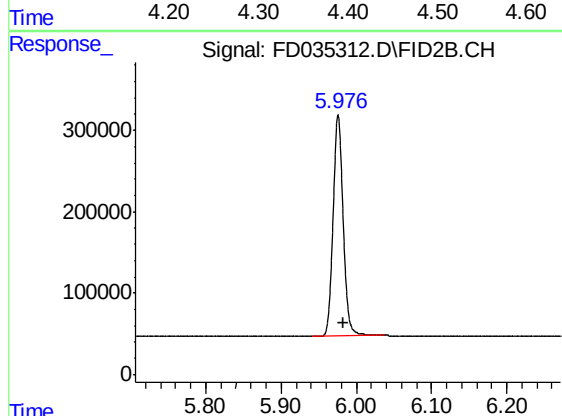
R.T.: 3.333 min
Delta R.T.: -0.004 min
Response: 2304115
Conc: 20.46 ug/ml

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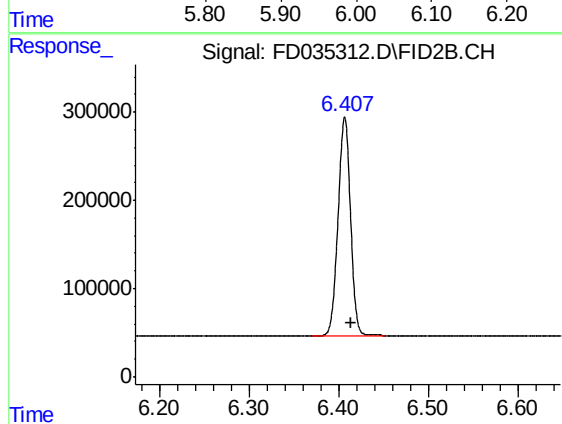
#2 n-Decane (C10)

R.T.: 4.397 min
Delta R.T.: -0.006 min
Response: 2321658
Conc: 20.54 ug/ml



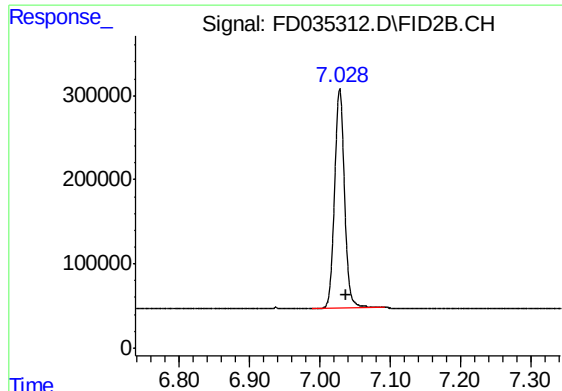
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.006 min
Response: 2534980
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

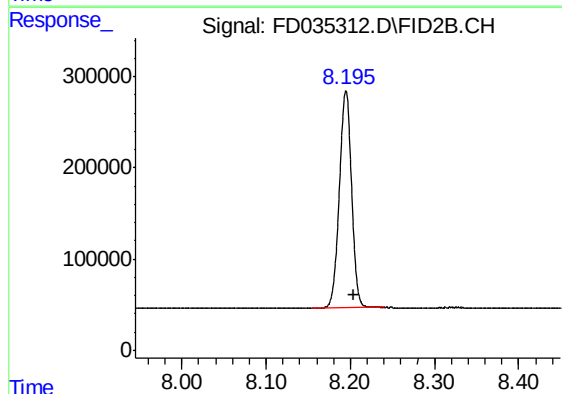
R.T.: 6.407 min
Delta R.T.: -0.007 min
Response: 2382599
Conc: 20.61 ug/ml



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

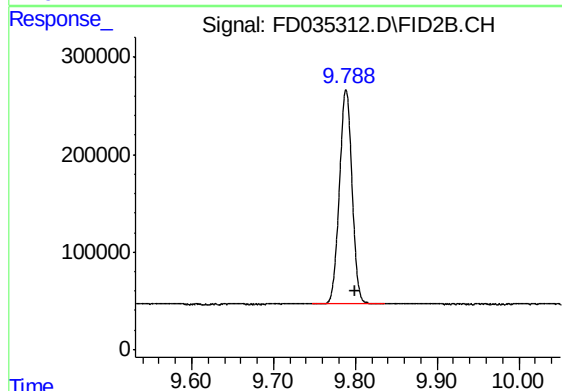
R.T.: 7.028 min
Delta R.T.: -0.008 min
Response: 2581956
Conc: 20.64 ug/ml

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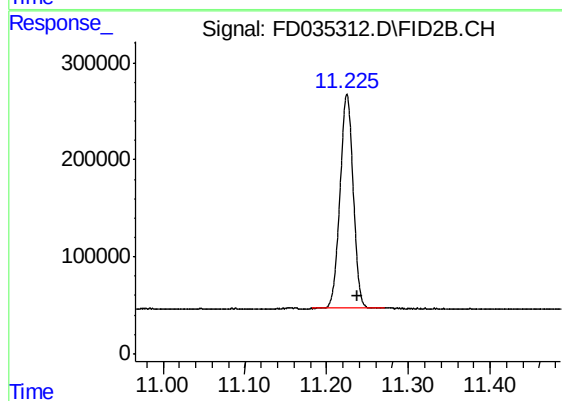
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.008 min
Response: 2396515
Conc: 20.81 ug/ml



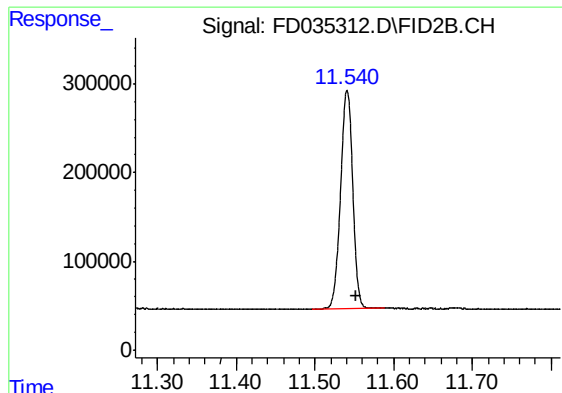
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.010 min
Response: 2362690
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

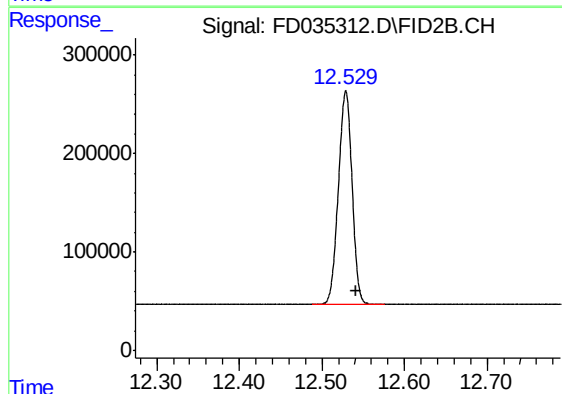
R.T.: 11.225 min
Delta R.T.: -0.012 min
Response: 2476551
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

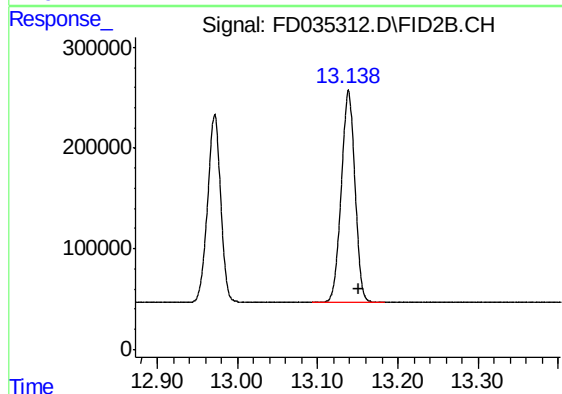
R.T.: 11.541 min
Delta R.T.: -0.012 min
Response: 2641294
Conc: 20.30 ug/ml

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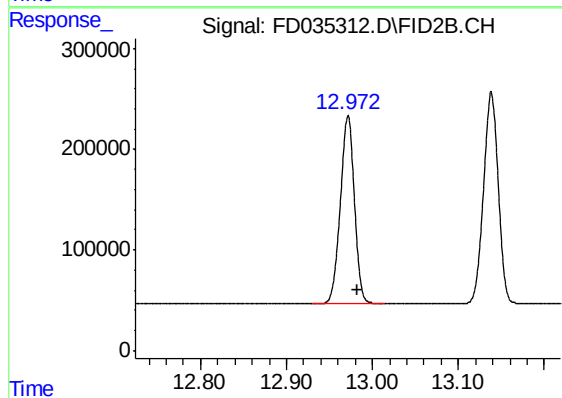
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.012 min
Response: 2495271
Conc: 20.35 ug/ml



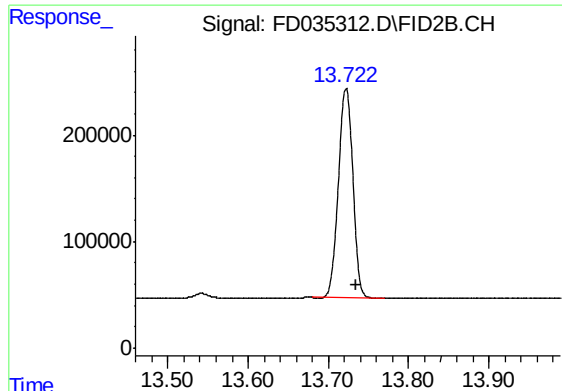
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.012 min
Response: 2482566
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

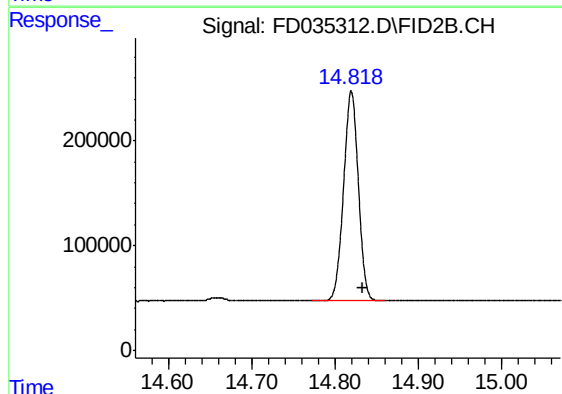
R.T.: 12.972 min
Delta R.T.: -0.011 min
Response: 2106439
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

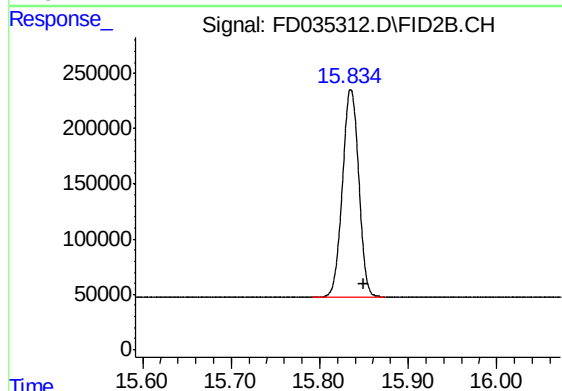
R.T.: 13.722 min
Delta R.T.: -0.012 min
Response: 2473712
Conc: 20.06 ug/ml

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20 PPM ALIPHATIC HC STD



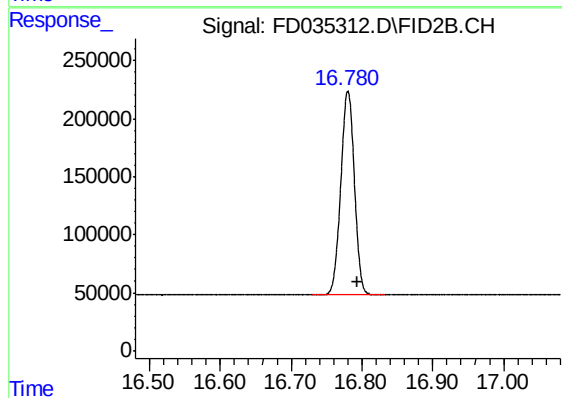
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.013 min
Response: 2462116
Conc: 19.90 ug/ml



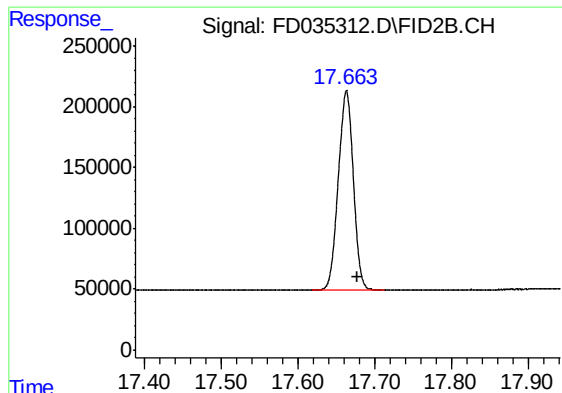
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.014 min
Response: 2401761
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

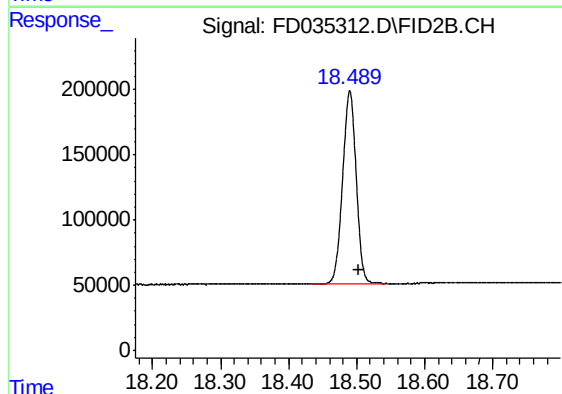
R.T.: 16.780 min
Delta R.T.: -0.014 min
Response: 2341822
Conc: 19.02 ug/ml



#17 n-Tricontane (C30)

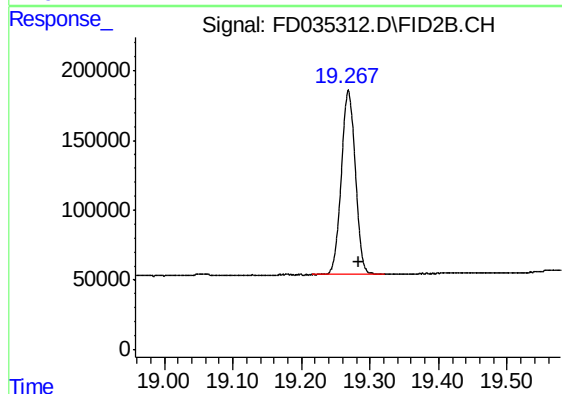
R.T.: 17.663 min
Delta R.T.: -0.014 min
Response: 2245130
Conc: 18.58 ug/ml

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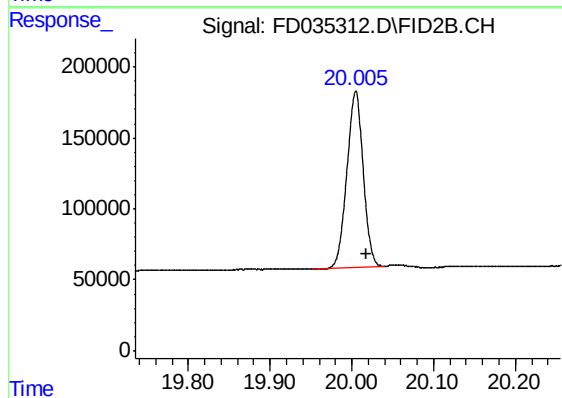
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.013 min
Response: 2042901
Conc: 18.17 ug/ml



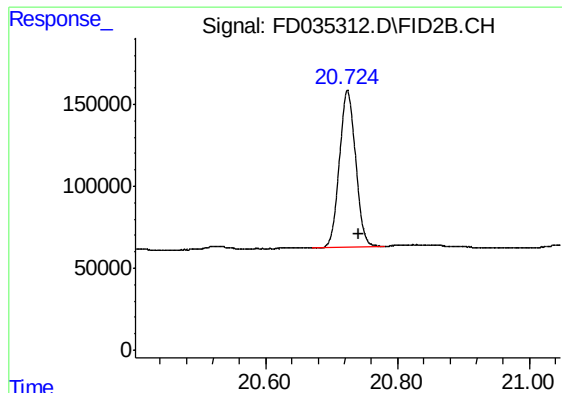
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.015 min
Response: 1874444
Conc: 17.86 ug/ml



#20 n-Hexatriacontane (C36)

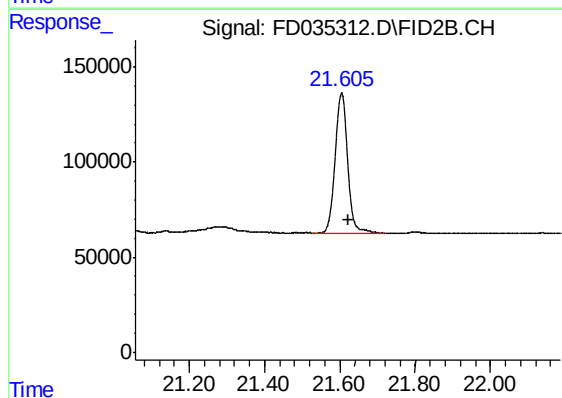
R.T.: 20.005 min
Delta R.T.: -0.013 min
Response: 1712899
Conc: 17.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: -0.017 min
Response: 1629142
Conc: 18.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.019 min
Response: 1694682
Conc: 19.31 ug/ml