

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102920AL\
 Data File : FD035227.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2020 5:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 30 07:50:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 03:14:17 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)	11.547	2791242	21.523 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
12) S 1-chlorooctadecane (S...	12.979	2211759	21.372 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
Target Compounds			
1) T n-Nonane (C9)	3.336	2448944	21.738 ug/ml
2) T n-Decane (C10)	4.400	2470173	21.823 ug/ml
3) T A~Naphthalene (C11.7)	5.980	2698046	21.833 ug/ml
4) T n-Dodecane (C12)	6.411	2538791	21.992 ug/ml
5) T A~2-methylnaphthalene...	7.032	2749231	21.889 ug/ml
6) T n-Tetradecane (C14)	8.200	2551732	22.262 ug/ml
7) T n-Hexadecane (C16)	9.795	2517924	21.877 ug/ml
8) T n-Octadecane (C18)	11.232	2631303	21.754 ug/ml
10) T n-Eicosane (C20)	12.536	2627791	21.440 ug/ml
11) T n-Heneicosane (C21)	13.145	2610309	21.313 ug/ml
13) T n-Docosane (C22)	13.730	2588265	21.172 ug/ml
14) T n-Tetracosane (C24)	14.828	2532592	20.886 ug/ml
15) T n-Hexacosane (C26)	15.844	2429718	20.533 ug/ml
16) T n-Octacosane (C28)	16.790	2341268	20.238 ug/ml
17) T n-Tricontane (C30)	17.673	2241671	20.285 ug/ml
18) T n-Dotriacontane (C32)	18.500	2048590	20.394 ug/ml
19) T n-Tetratriacontane (C34)	19.279	1900743	20.675 ug/ml
20) T n-Hexatriacontane (C36)	20.014	1766853	21.080 ug/ml
21) T n-Octatriacontane (C38)	20.735	1685566	21.355 ug/ml
22) T n-Tetracontane (C40)	21.620	1722868	21.186 ug/ml

(f)=RT Delta > 1/2 Window

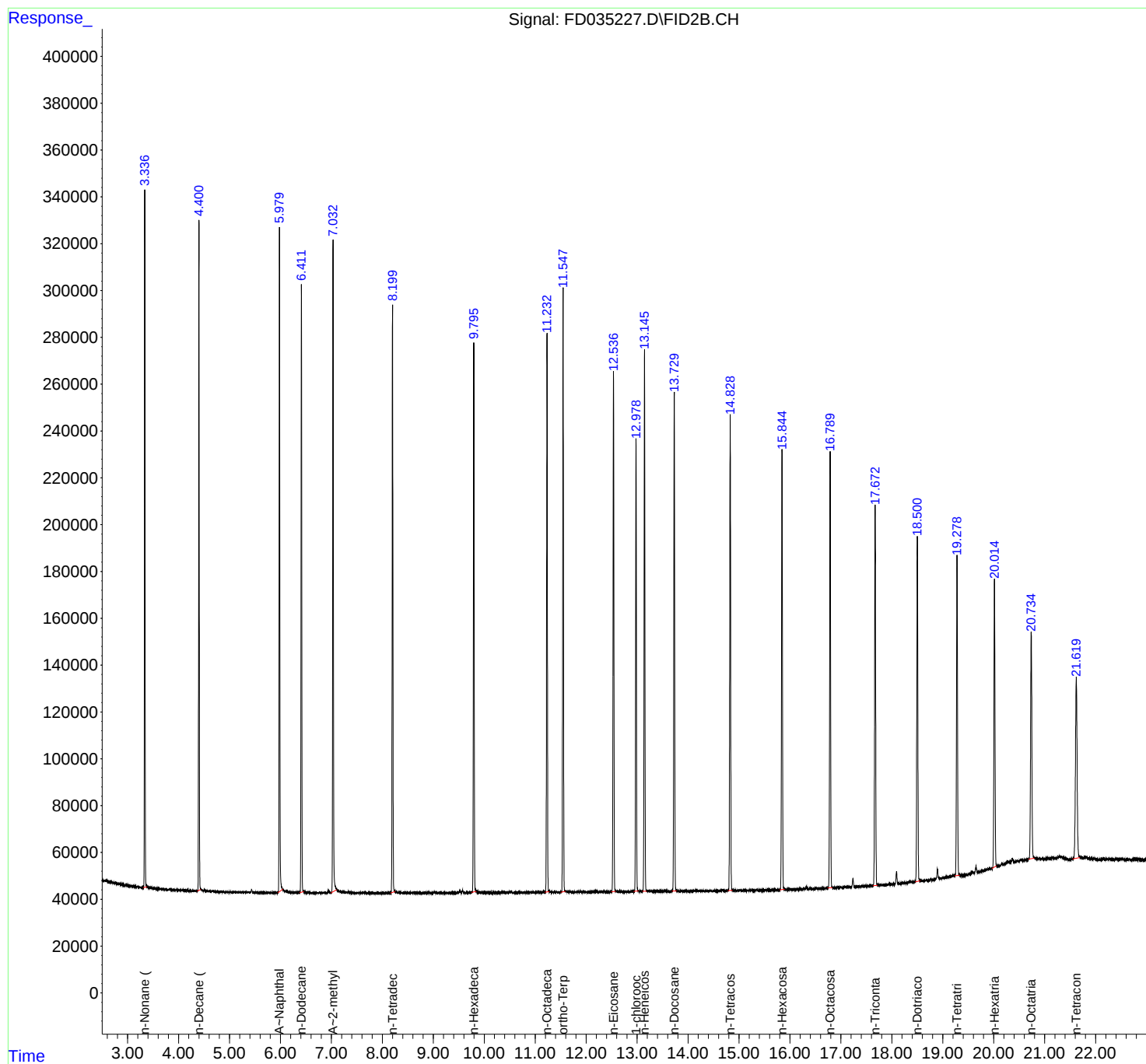
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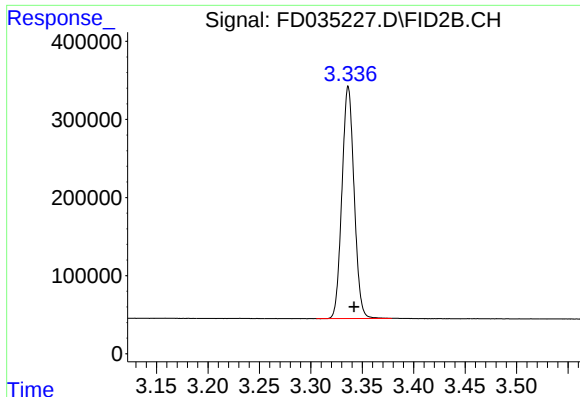
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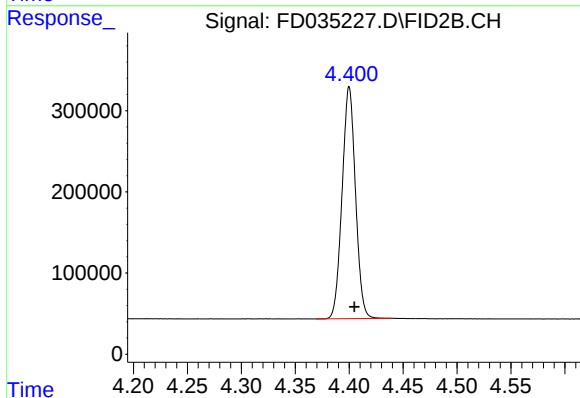




#1 n-Nonane (C9)

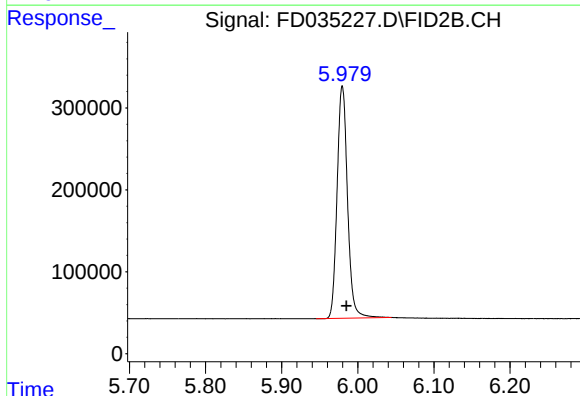
R.T.: 3.336 min
Delta R.T.: -0.006 min
Response: 2448944
Conc: 21.74 ug/ml

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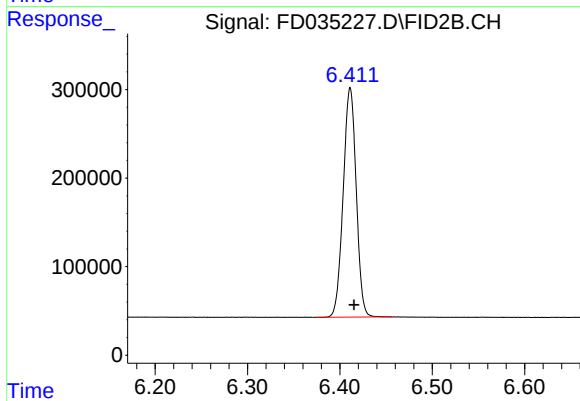
#2 n-Decane (C10)

R.T.: 4.400 min
Delta R.T.: -0.005 min
Response: 2470173
Conc: 21.82 ug/ml



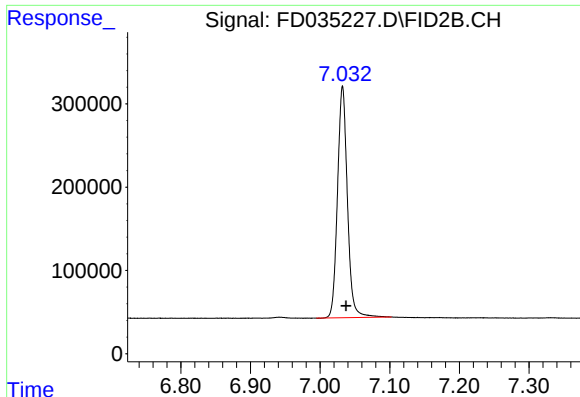
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.005 min
Response: 2698046
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

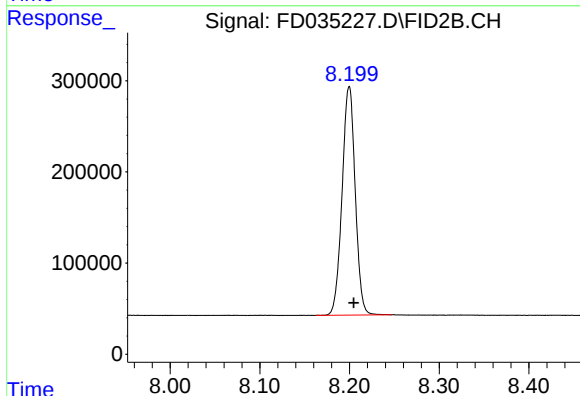
R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 2538791
Conc: 21.99 ug/ml



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

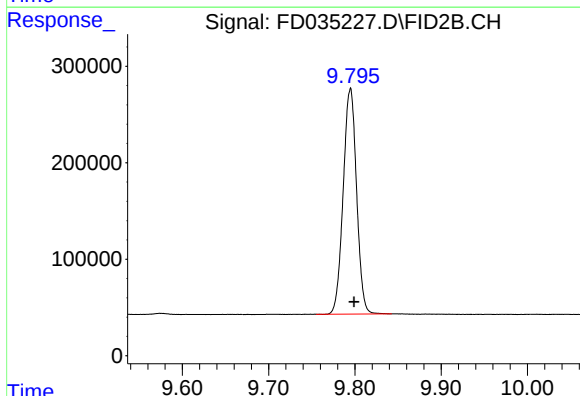
R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 2749231
Conc: 21.89 ug/ml

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20 PPM ALIPHATIC HC STD



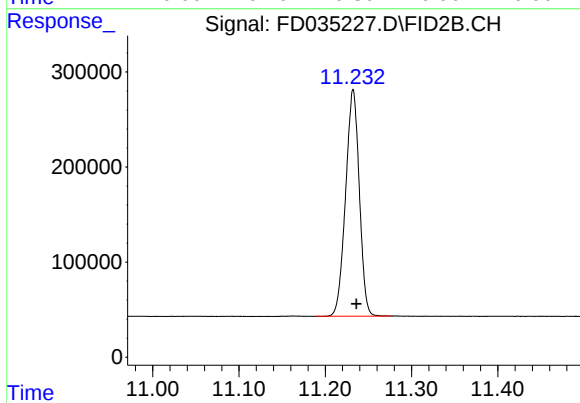
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.005 min
Response: 2551732
Conc: 22.26 ug/ml



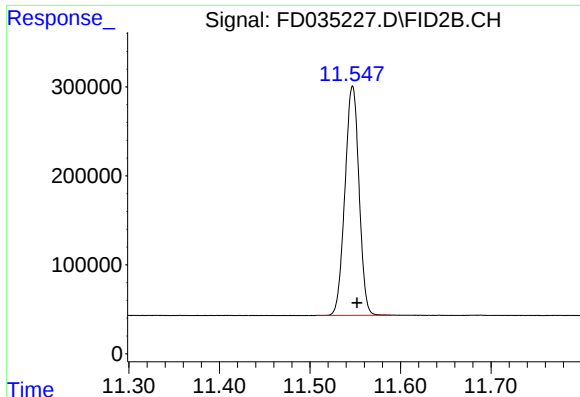
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: -0.004 min
Response: 2517924
Conc: 21.88 ug/ml



#8 n-Octadecane (C18)

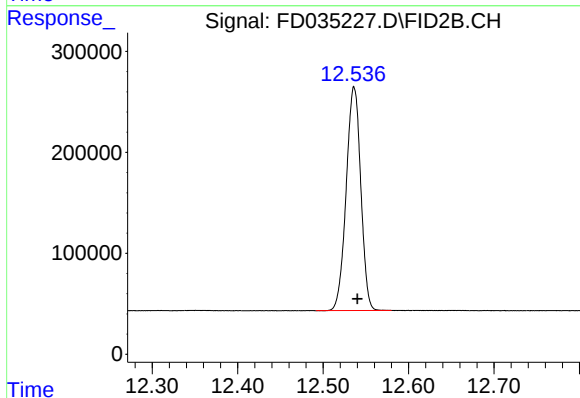
R.T.: 11.232 min
Delta R.T.: -0.004 min
Response: 2631303
Conc: 21.75 ug/ml



#9 ortho-Terphenyl (SURR)

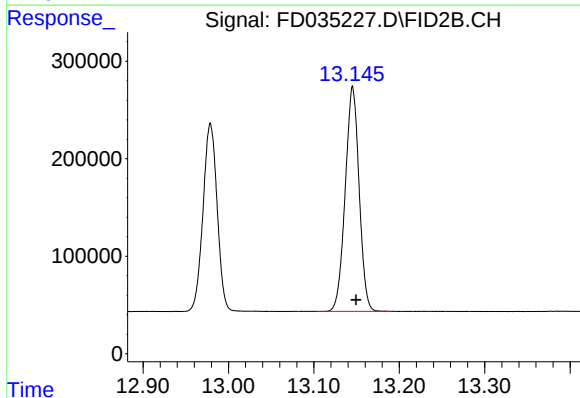
R.T.: 11.547 min
Delta R.T.: -0.005 min
Response: 2791242
Conc: 21.52 ug/ml

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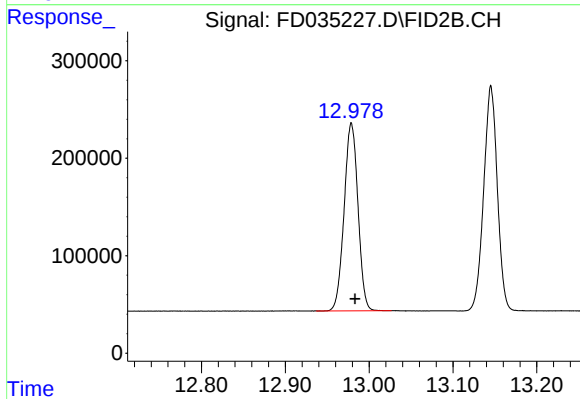
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: -0.004 min
Response: 2627791
Conc: 21.44 ug/ml



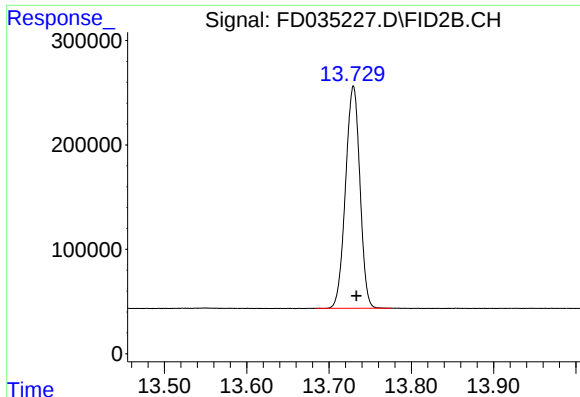
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.004 min
Response: 2610309
Conc: 21.31 ug/ml



#12 1-chlorooctadecane (SURR)

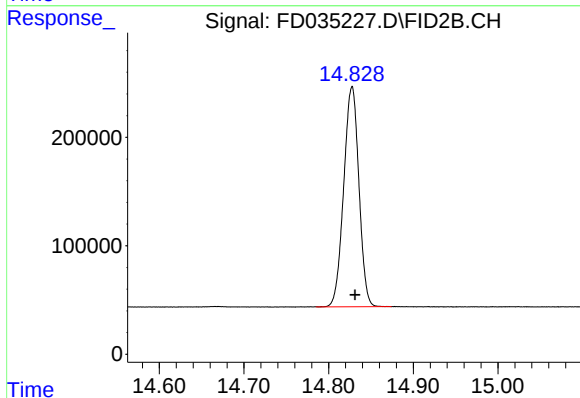
R.T.: 12.979 min
Delta R.T.: -0.005 min
Response: 2211759
Conc: 21.37 ug/ml



#13 n-Docosane (C22)

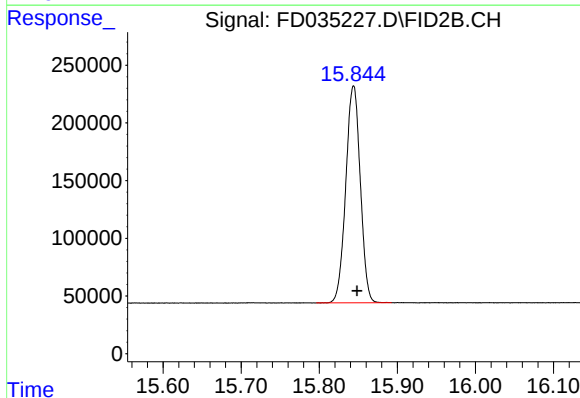
R.T.: 13.730 min
Delta R.T.: -0.004 min
Response: 2588265
Conc: 21.17 ug/ml

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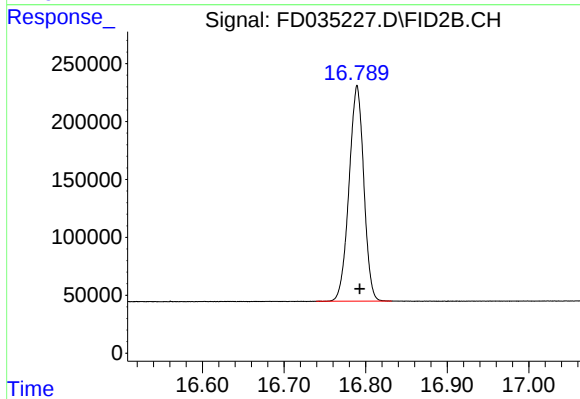
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.004 min
Response: 2532592
Conc: 20.89 ug/ml



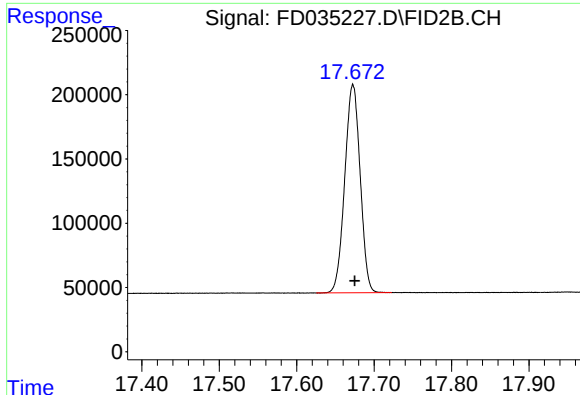
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: -0.004 min
Response: 2429718
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

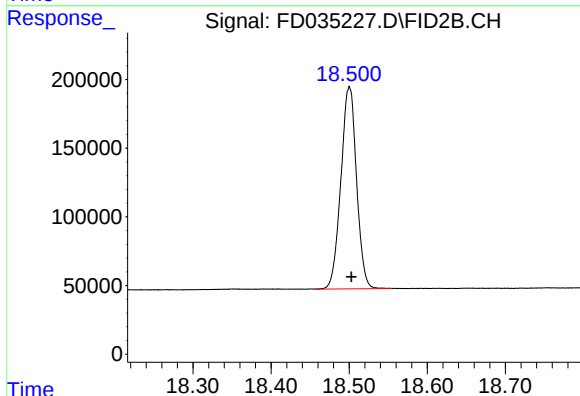
R.T.: 16.790 min
Delta R.T.: -0.003 min
Response: 2341268
Conc: 20.24 ug/ml



#17 n-Tricontane (C30)

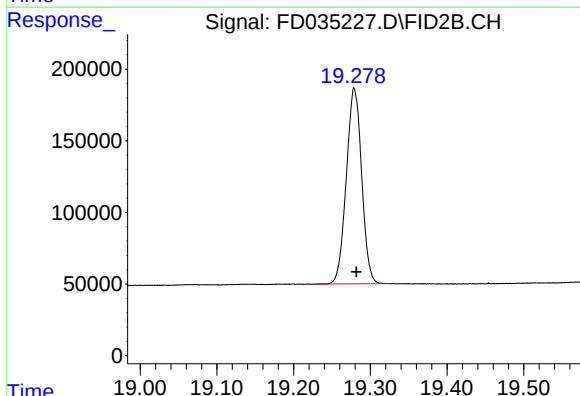
R.T.: 17.673 min
Delta R.T.: -0.002 min
Response: 2241671
Conc: 20.28 ug/ml

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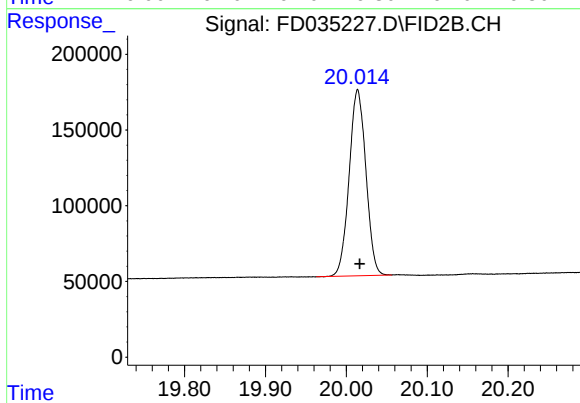
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: -0.002 min
Response: 2048590
Conc: 20.39 ug/ml



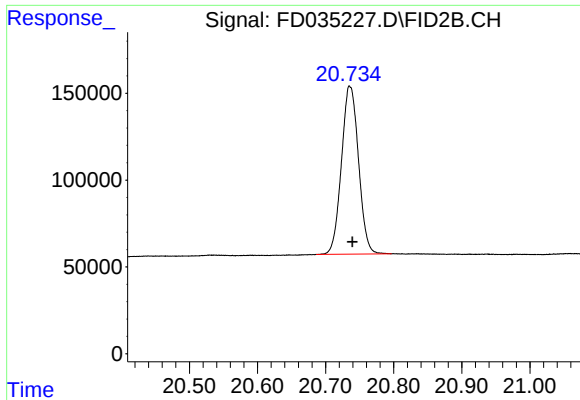
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: -0.003 min
Response: 1900743
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

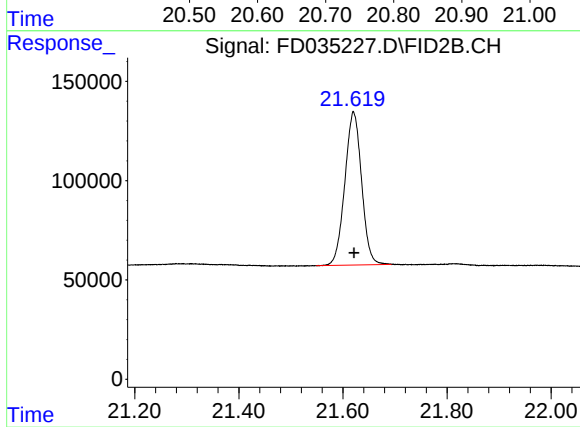
R.T.: 20.014 min
Delta R.T.: -0.003 min
Response: 1766853
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.004 min
Response: 1685566
Conc: 21.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.001 min
Response: 1722868
Conc: 21.19 ug/ml