

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082719AL\
 Data File : FD030312.D
 Signal(s) : FID2B.CH
 Acq On : 27 Aug 2019 12:40
 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
 8/28/2019 3:43:28 PM

Integration File: autoint1.e
 Quant Time: Aug 27 23:50:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.541	2691882	19.584 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	12.967	2164703	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.345	2698657	22.550 ug/ml
2) T n-Decane (C10)	4.406	2752449	22.633 ug/ml
3) T A-Naphthalene (C11.7)	5.983	3052654	22.174 ug/ml
4) T n-Dodecane (C12)	6.414	2745092	22.512 ug/ml
5) T A~2-methylnaphthalene...	7.035	3031878	21.922 ug/ml
6) T n-Tetradecane (C14)	8.200	2728046	22.117 ug/ml
7) T n-Hexadecane (C16)	9.792	2685891	21.510 ug/ml
8) T n-Octadecane (C18)	11.224	2628726	20.561 ug/ml
10) T n-Eicosane (C20)	12.525	2553262	19.666 ug/ml
11) T n-Heneicosane (C21)	13.133	2492365	19.191 ug/ml
13) T n-Docosane (C22)	13.715	2439688	18.684 ug/ml
14) T n-Tetracosane (C24)	14.810	2350699	17.910 ug/ml
15) T n-Hexacosane (C26)	15.824	2232155	17.306 ug/ml
16) T n-Octacosane (C28)	16.766	2171944	17.118 ug/ml
17) T n-Tricontane (C30)	17.646	2105903	17.378 ug/ml
18) T n-Dotriacontane (C32)	18.472	1981127	17.668 ug/ml
19) T n-Tetratriacontane (C34)	19.247	1726539	19.473 ug/mlm
20) T n-Hexatriacontane (C36)	19.979	1550797	20.866 ug/mlm
21) T n-Octatriacontane (C38)	20.692	1481747	22.261 ug/mlm
22) T n-Tetracontane (C40)	21.557	1490974	21.108 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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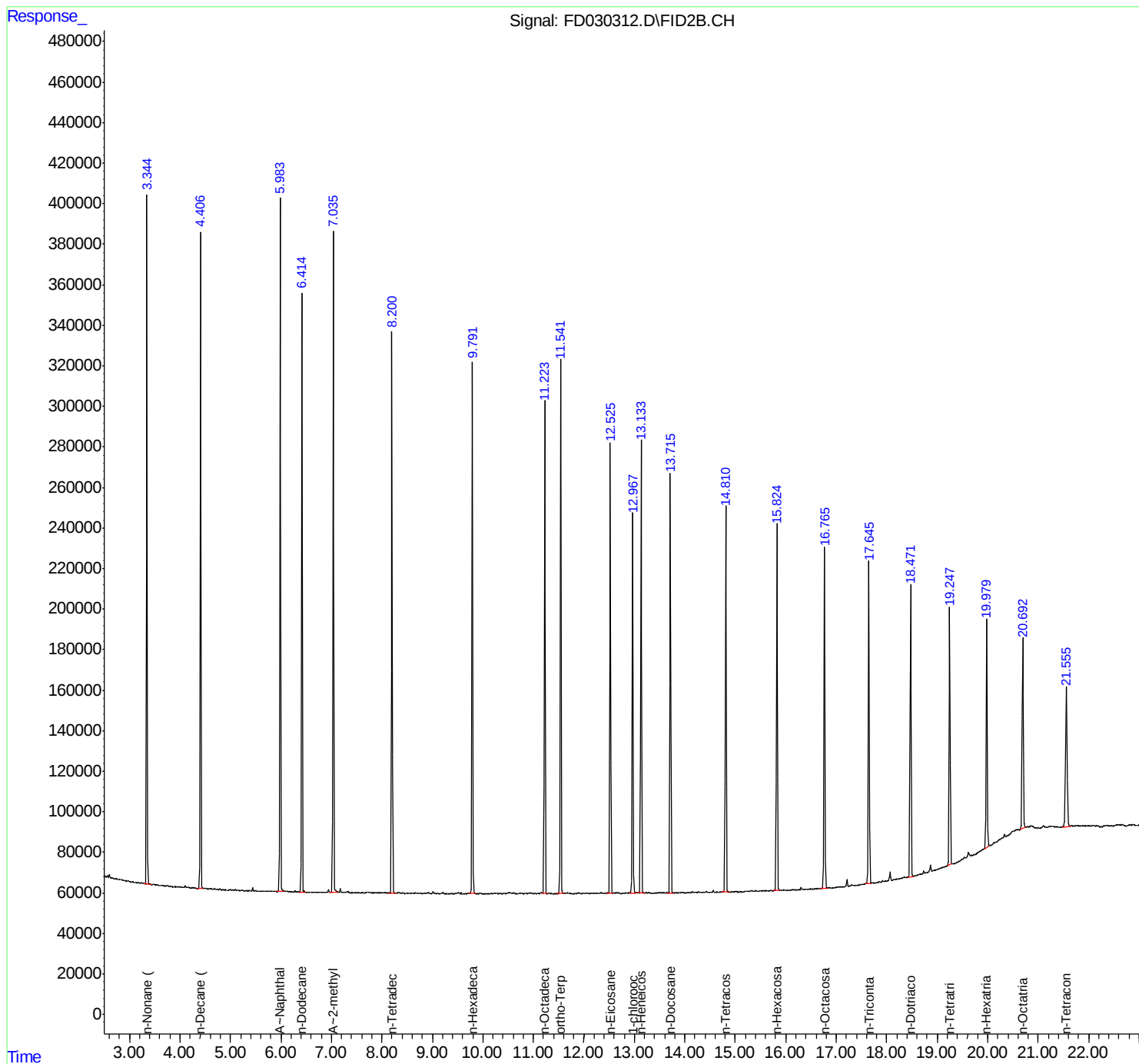
Instrument :
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20 PPM ALIPHATIC HC STD

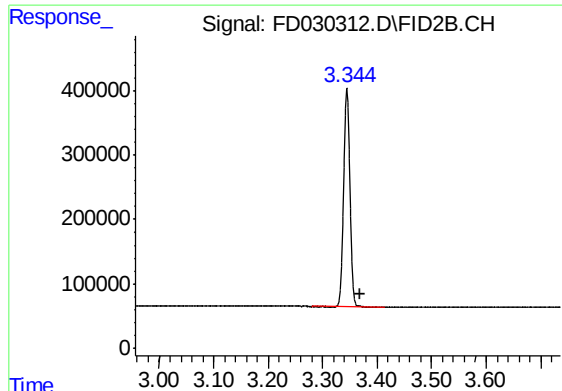
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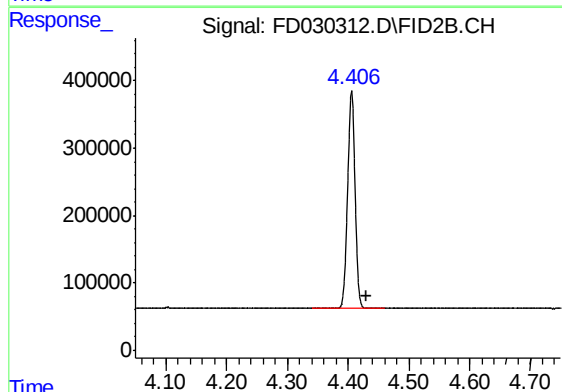
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: -0.024 min
Response: 2698657
Conc: 22.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

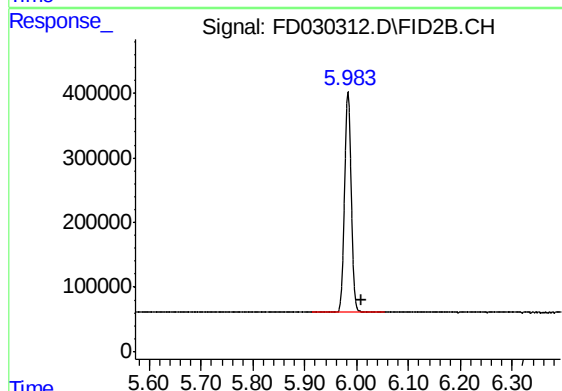
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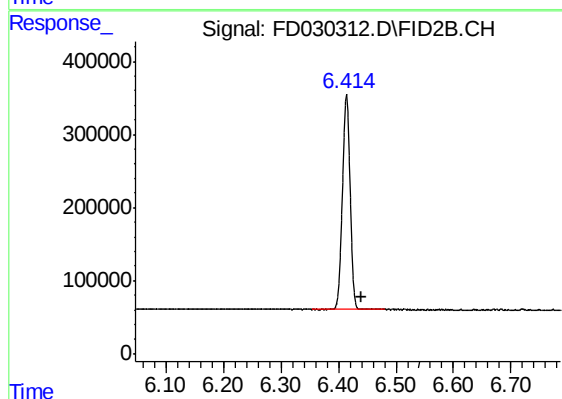
#2 n-Decane (C10)

R.T.: 4.406 min
Delta R.T.: -0.025 min
Response: 2752449
Conc: 22.63 ug/ml



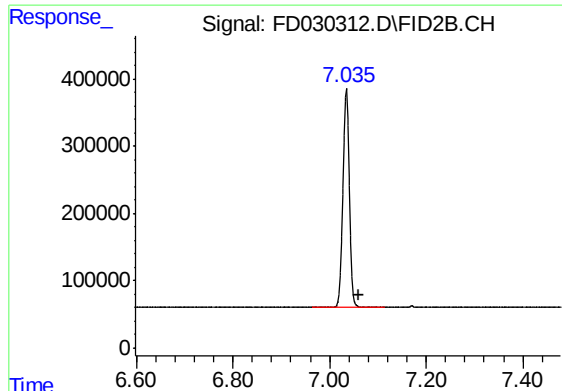
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.026 min
Response: 3052654
Conc: 22.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: -0.025 min
Response: 2745092
Conc: 22.51 ug/ml



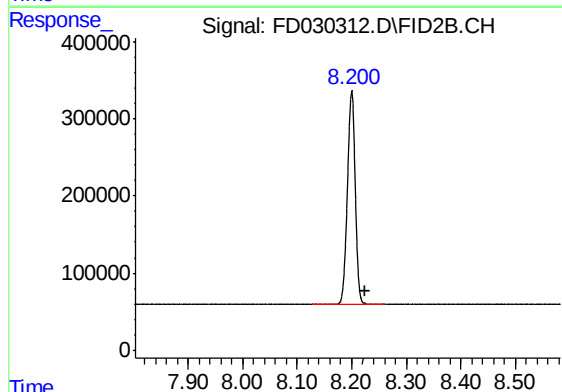
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.026 min
Response: 3031878
Conc: 21.92 ug/ml

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20 PPM ALIPHATIC HC STD

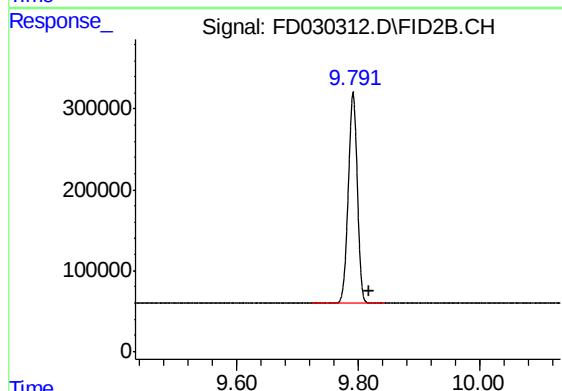
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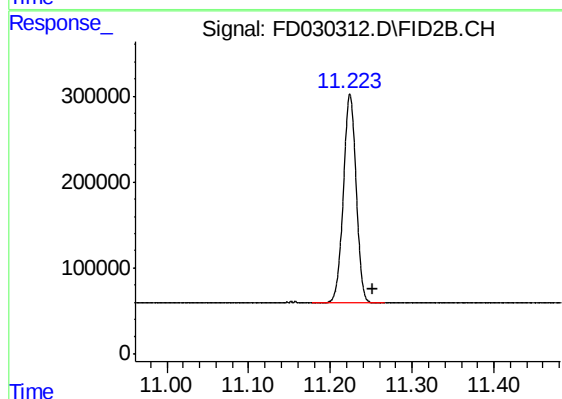
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.025 min
Response: 2728046
Conc: 22.12 ug/ml



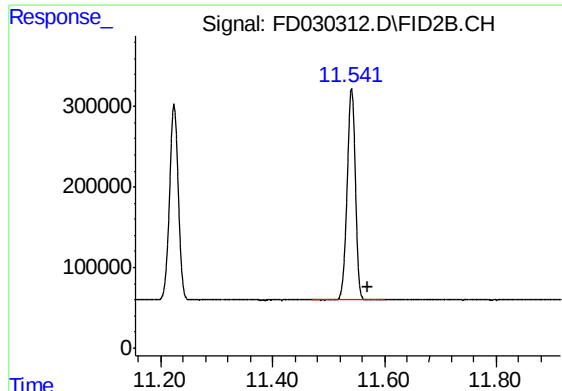
#7 n-Hexadecane (C16)

R.T.: 9.792 min
Delta R.T.: -0.026 min
Response: 2685891
Conc: 21.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.224 min
Delta R.T.: -0.027 min
Response: 2628726
Conc: 20.56 ug/ml



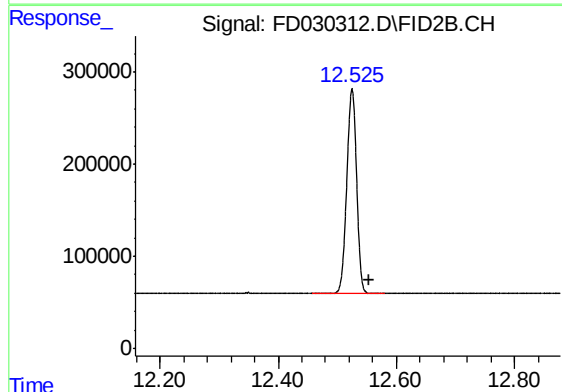
#9 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.028 min
Response: 2691882
Conc: 19.58 ug/ml

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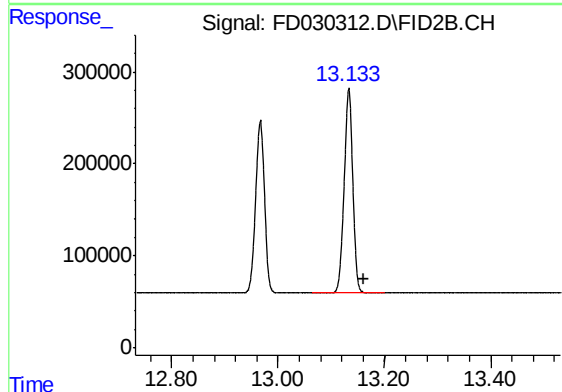
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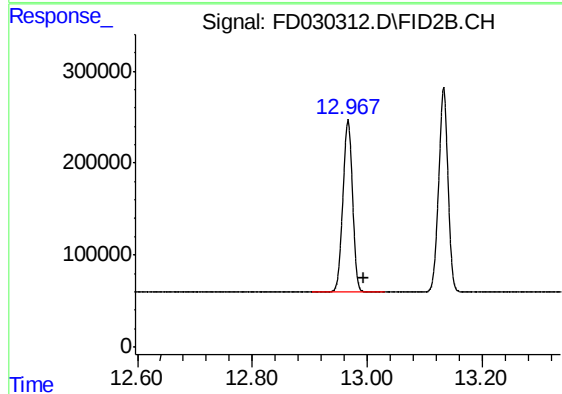
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.028 min
Response: 2553262
Conc: 19.67 ug/ml



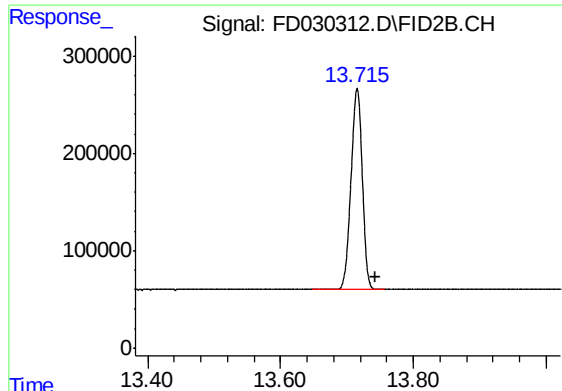
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.027 min
Response: 2492365
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.028 min
Response: 2164703
Conc: 18.98 ug/ml



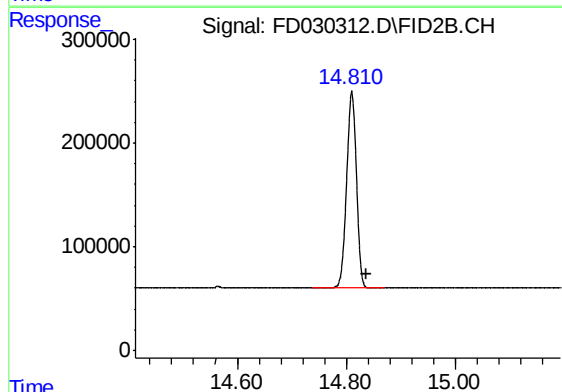
#13 n-Docosane (C22)

R.T.: 13.715 min
Delta R.T.: -0.027 min
Response: 2439688
Conc: 18.68 ug/ml

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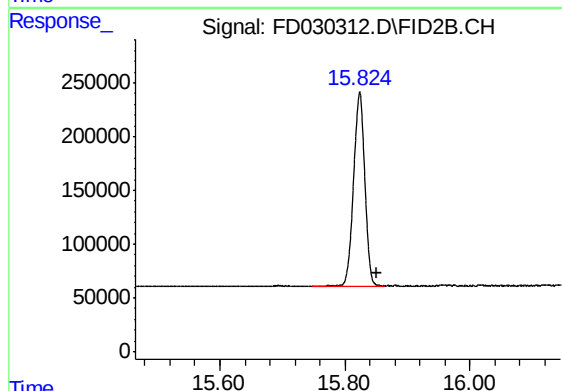
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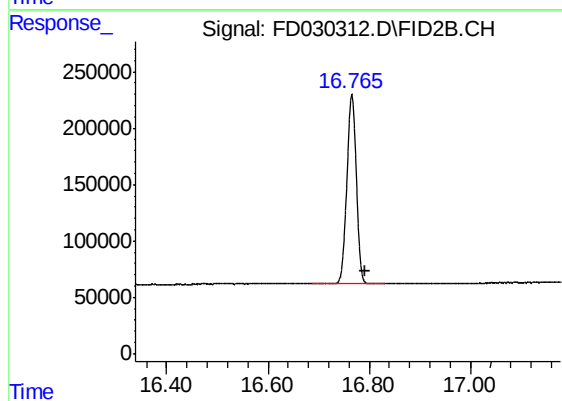
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.027 min
Response: 2350699
Conc: 17.91 ug/ml



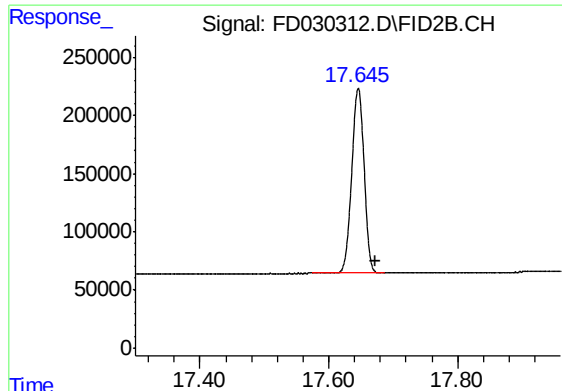
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: -0.026 min
Response: 2232155
Conc: 17.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: -0.027 min
Response: 2171944
Conc: 17.12 ug/ml



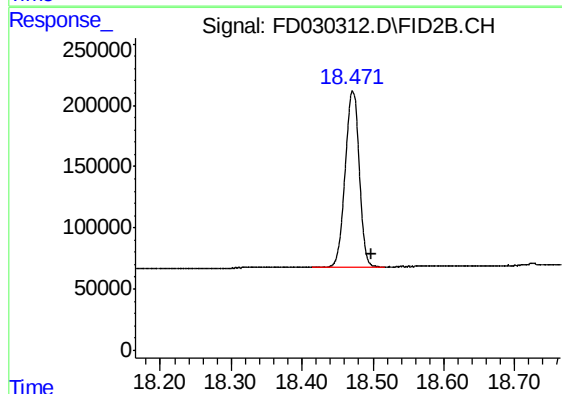
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: -0.026 min
Response: 2105903
Conc: 17.38 ug/ml

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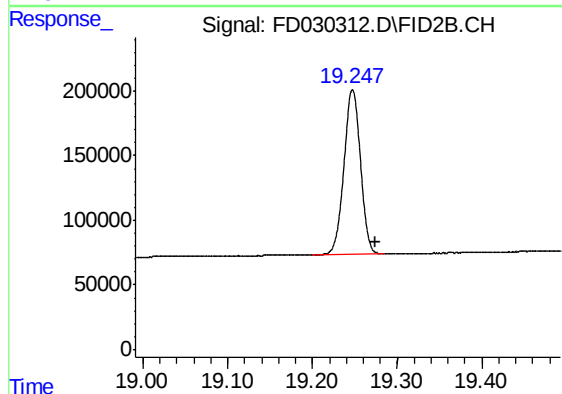
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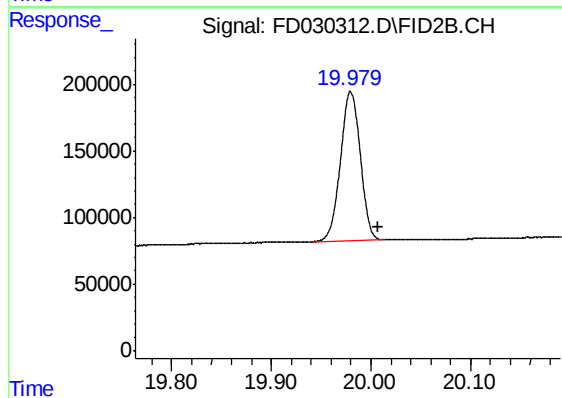
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.026 min
Response: 1981127
Conc: 17.67 ug/ml



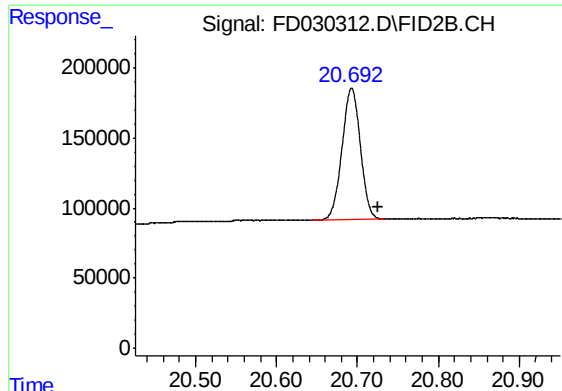
#19 n-Tetatriacontane (C34)

R.T.: 19.247 min
Delta R.T.: -0.027 min
Response: 1726539
Conc: 19.47 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.979 min
Delta R.T.: -0.029 min
Response: 1550797
Conc: 20.87 ug/ml m



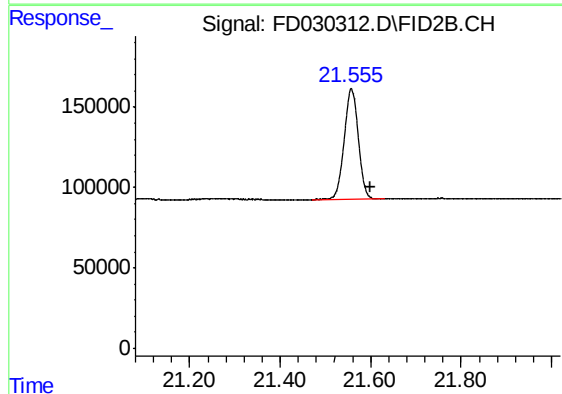
#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: -0.032 min
Response: 1481747
Conc: 22.26 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.557 min
Delta R.T.: -0.042 min
Response: 1490974
Conc: 21.11 ug/ml