

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040220AL\
 Data File : FD032773.D
 Signal(s) : FID2B.CH
 Acq On : 02 Apr 2020 14:02
 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: Apr 03 02:35:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030420.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 05 10:06:03 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)	11.502	2558136	17.833 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	12.933	1940472	17.372 ug/ml
Spiked Amount 50.000		Recovery =	34.74%
Target Compounds			
1) T n-Nonane (C9)	3.308	2661052	20.959 ug/ml
2) T n-Decane (C10)	4.367	2666122	20.935 ug/ml
3) T A~Naphthalene (C11.7)	5.942	2852859	20.104 ug/ml
4) T n-Dodecane (C12)	6.374	2677422	20.571 ug/ml
5) T A~2-methylnaphthalene...	6.993	2827333	19.541 ug/ml
6) T n-Tetradecane (C14)	8.161	2626827	19.959 ug/ml
7) T n-Hexadecane (C16)	9.754	2550229	19.254 ug/ml
8) T n-Octadecane (C18)	11.188	2465421	18.542 ug/ml
10) T n-Eicosane (C20)	12.491	2364849	17.897 ug/ml
11) T n-Heneicosane (C21)	13.100	2337521	17.638 ug/ml
13) T n-Docosane (C22)	13.684	2273106	17.331 ug/ml
14) T n-Tetracosane (C24)	14.781	2212006	16.991 ug/ml
15) T n-Hexacosane (C26)	15.798	2140174	16.801 ug/ml
16) T n-Octacosane (C28)	16.743	2091895	16.913 ug/ml
17) T n-Tricontane (C30)	17.626	2018199	17.144 ug/ml
18) T n-Dotriacontane (C32)	18.454	1773668	17.762 ug/ml
19) T n-Tetratriacontane (C34)	19.235	1540882	18.199 ug/ml
20) T n-Hexatriacontane (C36)	19.969	1438380	18.495 ug/mlm
21) T n-Octatriacontane (C38)	20.683	1442530	19.499 ug/ml
22) T n-Tetracontane (C40)	21.542	1546221	19.080 ug/ml

(f)=RT Delta > 1/2 Window

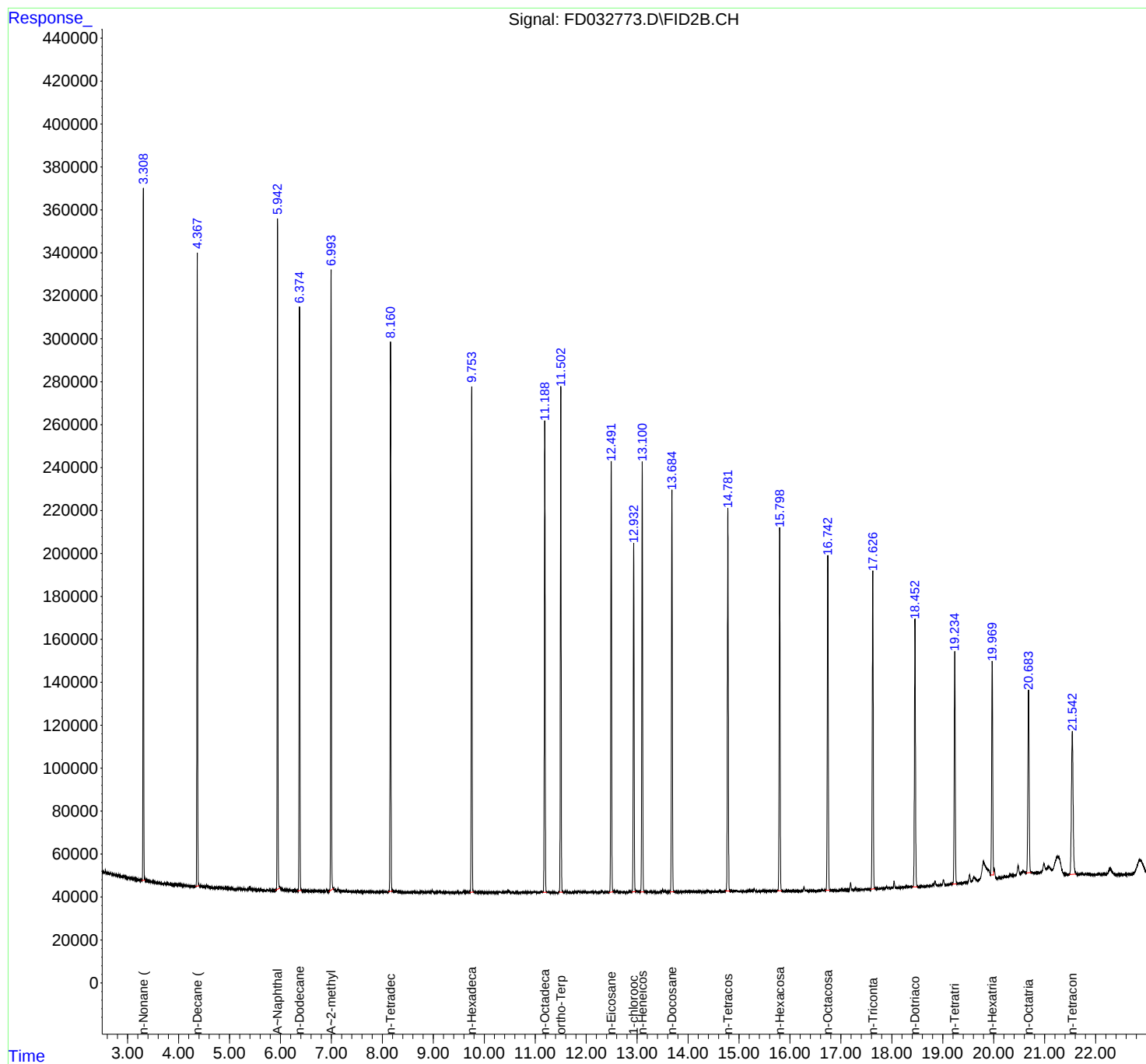
(m)=manual int.

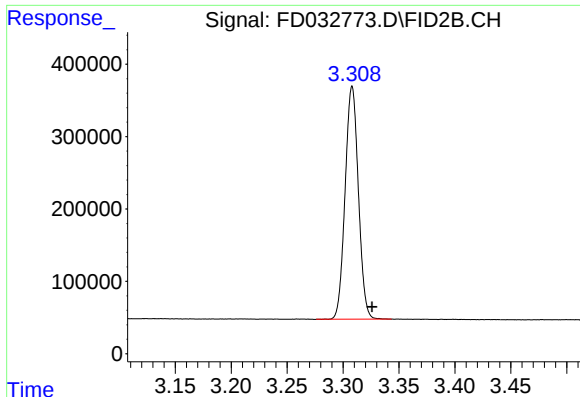
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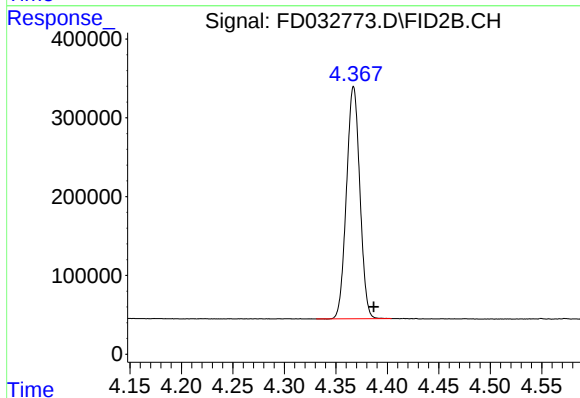




#1 n-Nonane (C9)

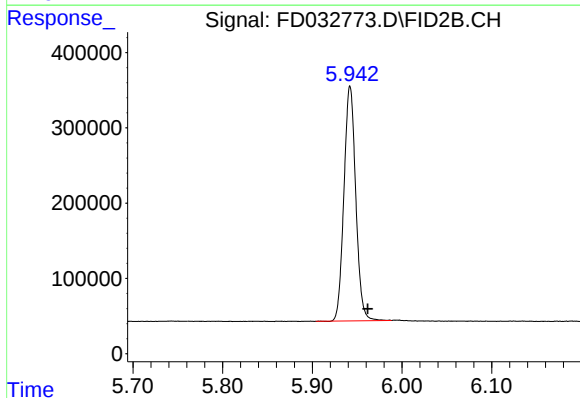
R.T.: 3.308 min
Delta R.T.: -0.018 min
Response: 2661052
Conc: 20.96 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



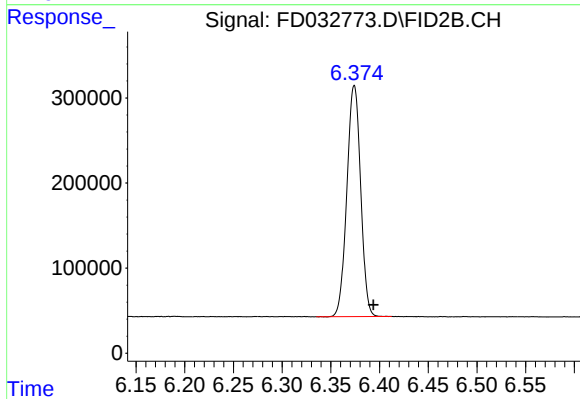
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.019 min
Response: 2666122
Conc: 20.93 ug/ml



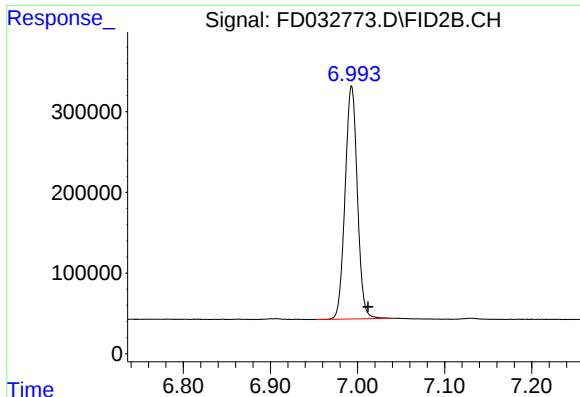
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.020 min
Response: 2852859
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

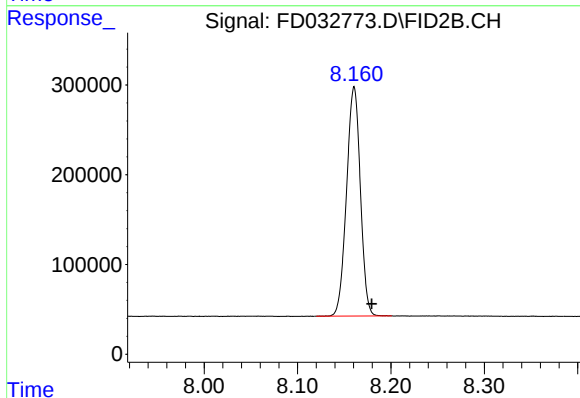
R.T.: 6.374 min
Delta R.T.: -0.020 min
Response: 2677422
Conc: 20.57 ug/ml



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

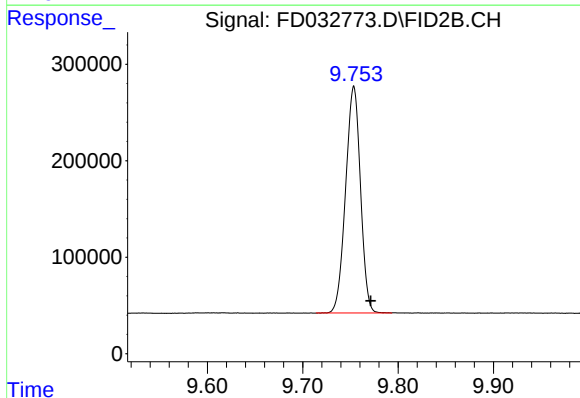
R.T.: 6.993 min
Delta R.T.: -0.019 min
Response: 2827333
Conc: 19.54 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



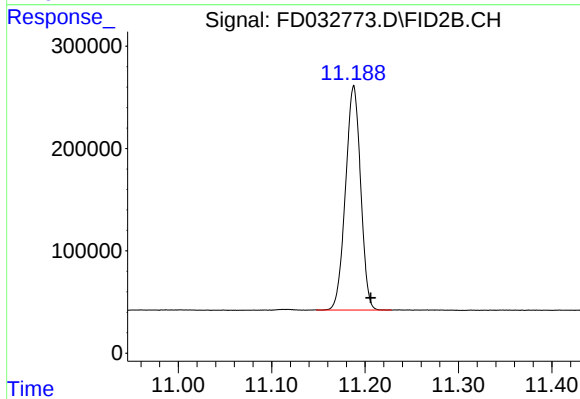
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.019 min
Response: 2626827
Conc: 19.96 ug/ml



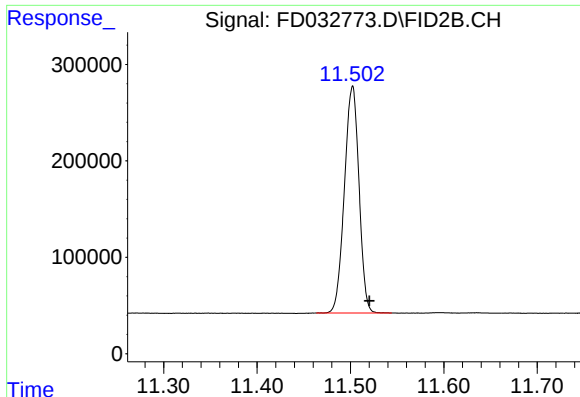
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.018 min
Response: 2550229
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

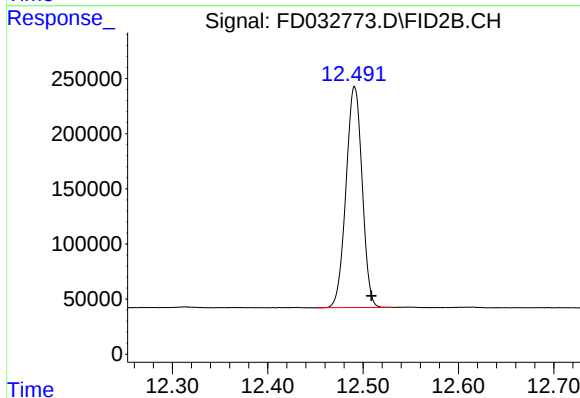
R.T.: 11.188 min
Delta R.T.: -0.018 min
Response: 2465421
Conc: 18.54 ug/ml



#9 ortho-Terphenyl (SURR)

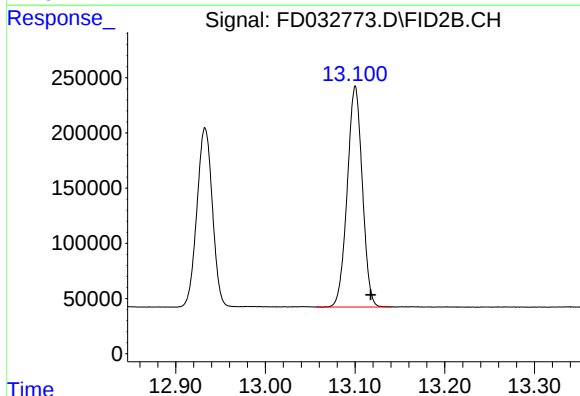
R.T.: 11.502 min
Delta R.T.: -0.018 min
Response: 2558136
Conc: 17.83 ug/ml

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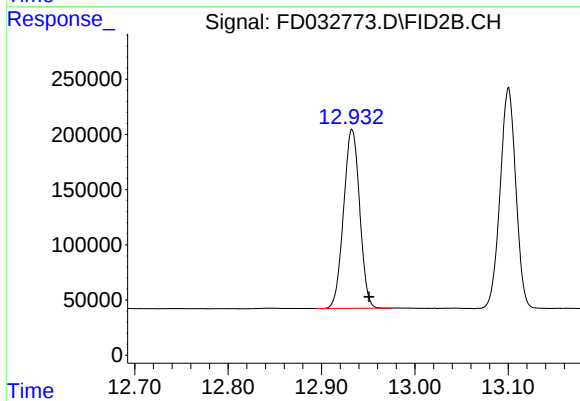
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: -0.018 min
Response: 2364849
Conc: 17.90 ug/ml



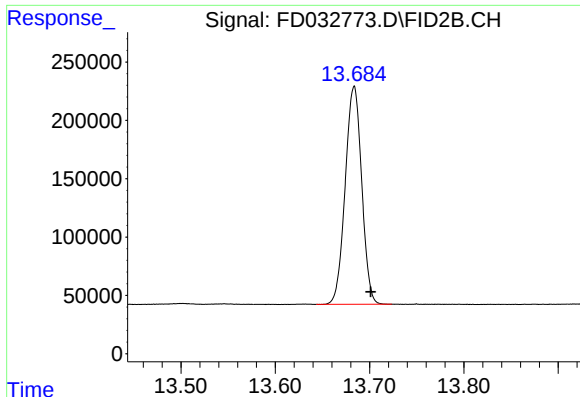
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: -0.017 min
Response: 2337521
Conc: 17.64 ug/ml



#12 1-chlorooctadecane (SURR)

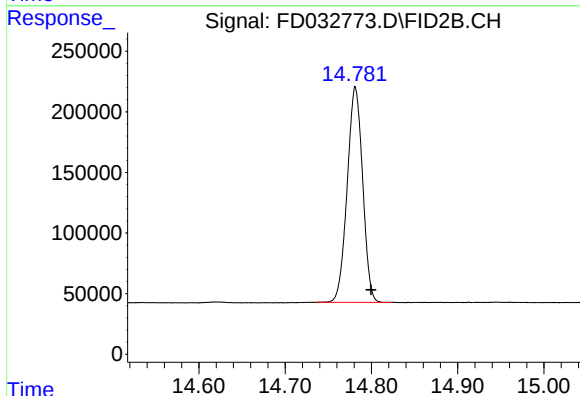
R.T.: 12.933 min
Delta R.T.: -0.018 min
Response: 1940472
Conc: 17.37 ug/ml



#13 n-Docosane (C22)

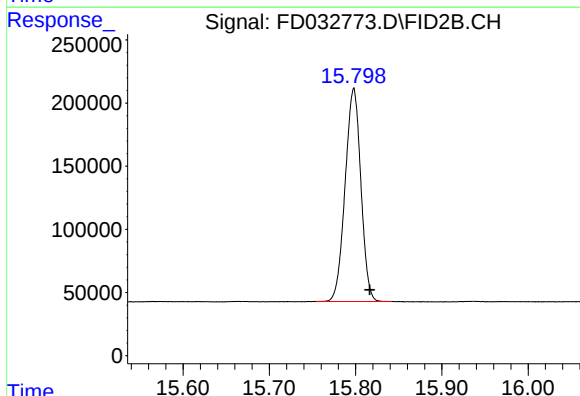
R.T.: 13.684 min
Delta R.T.: -0.018 min
Response: 2273106
Conc: 17.33 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



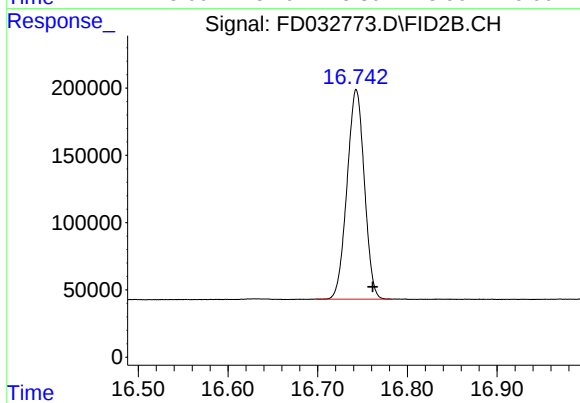
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: -0.018 min
Response: 2212006
Conc: 16.99 ug/ml



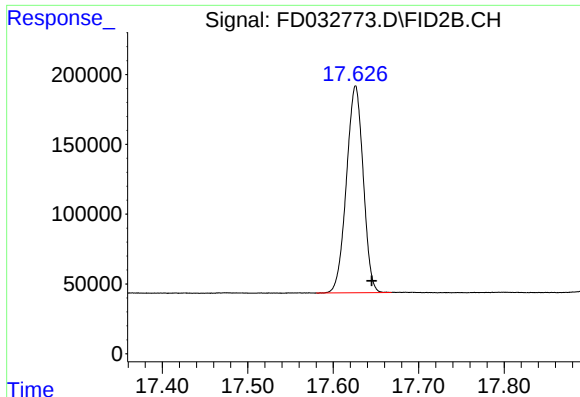
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: -0.018 min
Response: 2140174
Conc: 16.80 ug/ml



#16 n-Octacosane (C28)

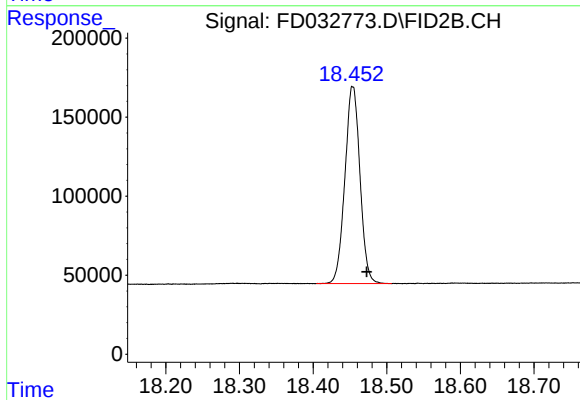
R.T.: 16.743 min
Delta R.T.: -0.018 min
Response: 2091895
Conc: 16.91 ug/ml



#17 n-Tricontane (C30)

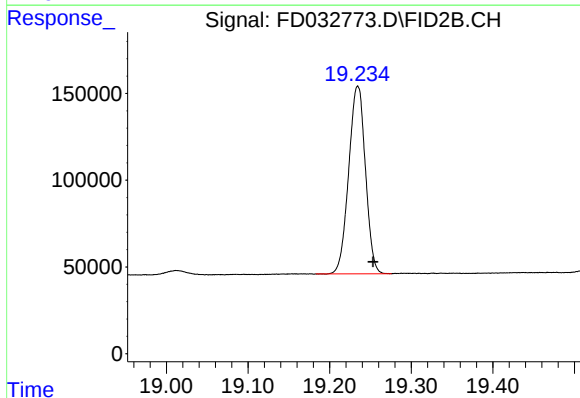
R.T.: 17.626 min
Delta R.T.: -0.019 min
Response: 2018199
Conc: 17.14 ug/ml

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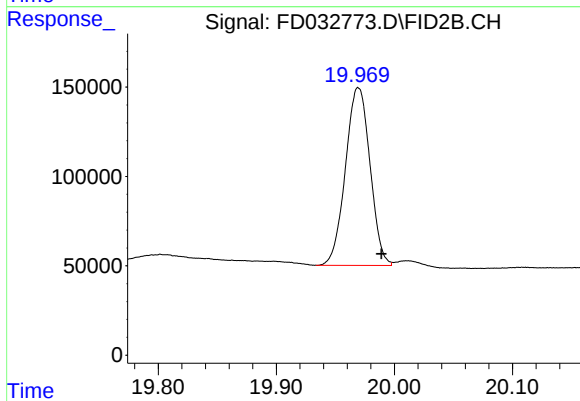
#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: -0.019 min
Response: 1773668
Conc: 17.76 ug/ml



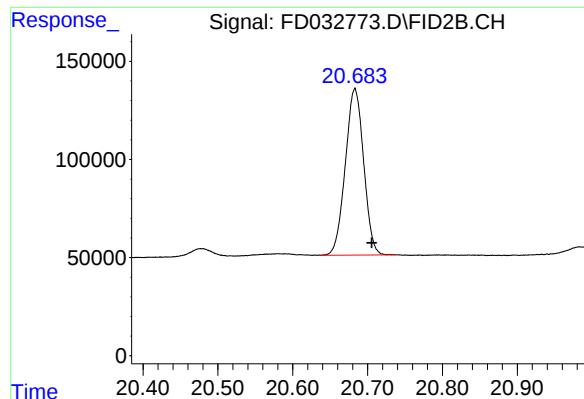
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: -0.019 min
Response: 1540882
Conc: 18.20 ug/ml



#20 n-Hexatriacontane (C36)

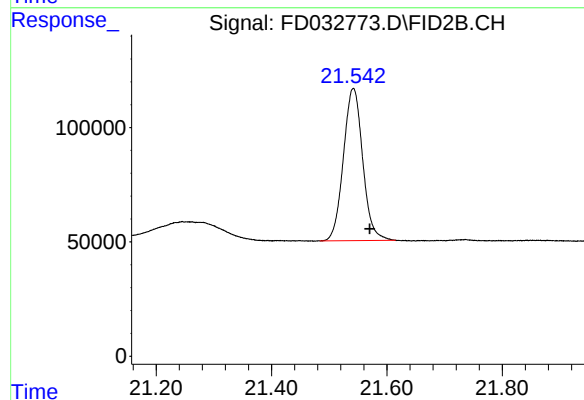
R.T.: 19.969 min
Delta R.T.: -0.020 min
Response: 1438380
Conc: 18.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: -0.022 min
Response: 1442530
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.542 min
Delta R.T.: -0.028 min
Response: 1546221
Conc: 19.08 ug/ml