

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112519AL\
 Data File : FD031672.D
 Signal(s) : FID2B.CH
 Acq On : 25 Nov 2019 10:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 26 01:00:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 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)	11.554	3009882	19.781 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	12.983	2233028	19.651 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.339	2940190	22.164 ug/ml
2) T n-Decane (C10)	4.410	2942224	22.060 ug/ml
3) T A~Naphthalene (C11.7)	5.992	3238379	21.621 ug/ml
4) T n-Dodecane (C12)	6.422	2915549	21.649 ug/ml
5) T A~2-methylnaphthalene...	7.045	3212330	21.194 ug/ml
6) T n-Tetradecane (C14)	8.209	2838408	21.065 ug/ml
7) T n-Hexadecane (C16)	9.802	2772754	20.680 ug/ml
8) T n-Octadecane (C18)	11.238	2710749	20.324 ug/ml
10) T n-Eicosane (C20)	12.541	2637804	19.997 ug/ml
11) T n-Heneicosane (C21)	13.150	2628707	19.865 ug/ml
13) T n-Docosane (C22)	13.733	2598329	19.788 ug/ml
14) T n-Tetracosane (C24)	14.830	2590880	19.799 ug/ml
15) T n-Hexacosane (C26)	15.846	2541161	19.670 ug/ml
16) T n-Octacosane (C28)	16.790	2522925	19.716 ug/ml
17) T n-Tricontane (C30)	17.673	2539011	19.905 ug/ml
18) T n-Dotriacontane (C32)	18.501	2503794	20.296 ug/mlm
19) T n-Tetratriacontane (C34)	19.279	2504096	20.934 ug/mlm
20) T n-Hexatriacontane (C36)	20.014	2459282	21.548 ug/ml
21) T n-Octatriacontane (C38)	20.734	2409323	22.940 ug/mlm
22) T n-Tetracontane (C40)	21.611	2446685	22.784 ug/ml

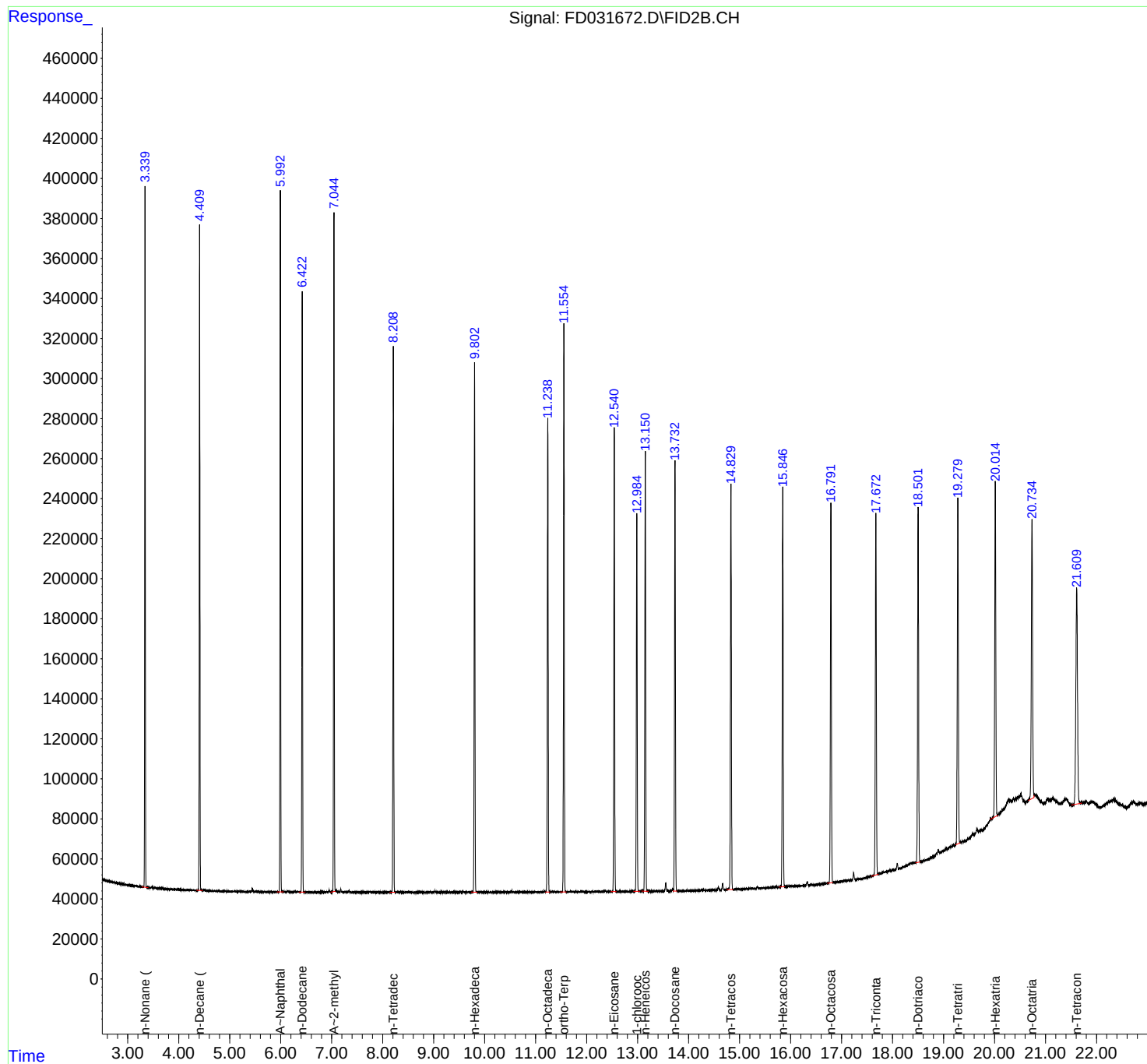
(f)=RT Delta > 1/2 Window

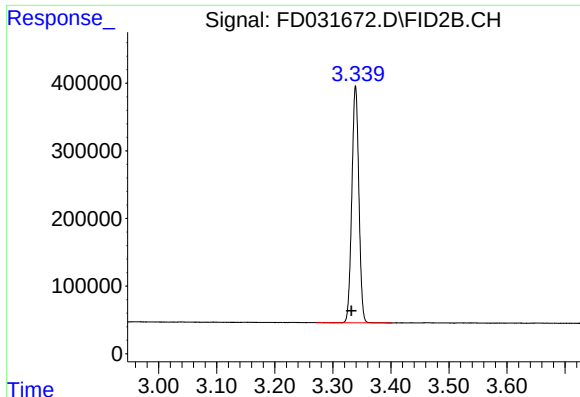
(m)=manual int.

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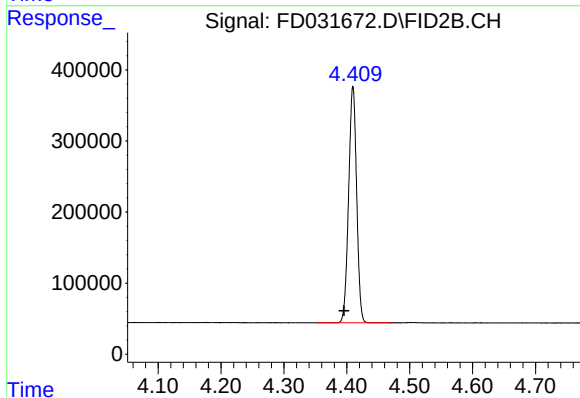
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Signal Info : 20M x 0.18mm x 0.18um





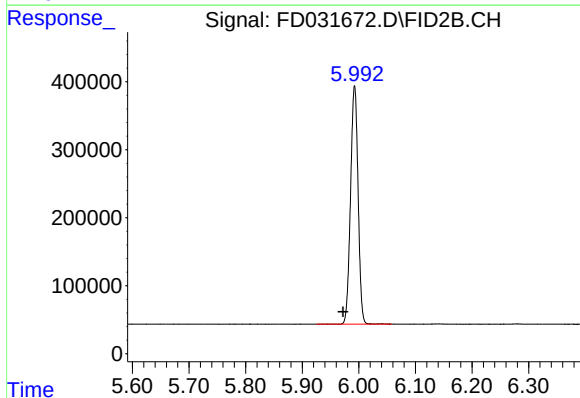
#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: 0.007 min
Response: 2940190
Conc: 22.16 ug/ml



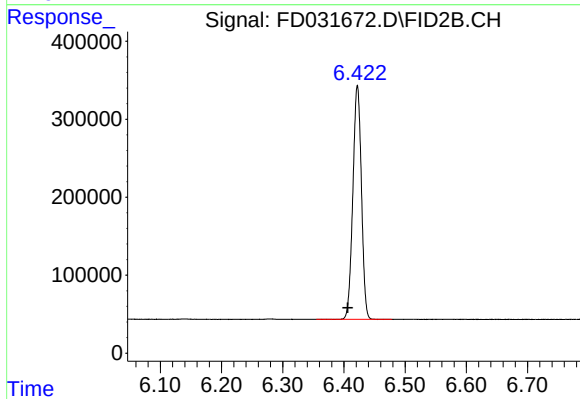
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.014 min
Response: 2942224
Conc: 22.06 ug/ml



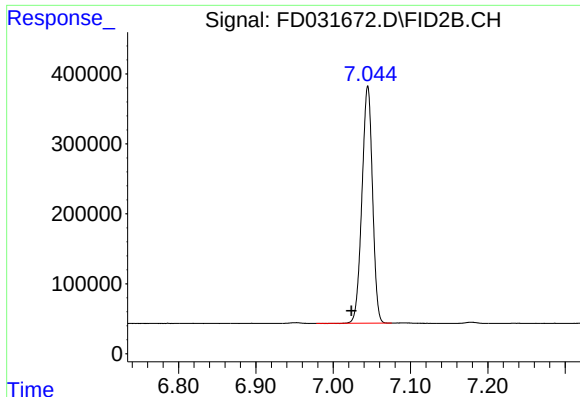
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: 0.020 min
Response: 3238379
Conc: 21.62 ug/ml



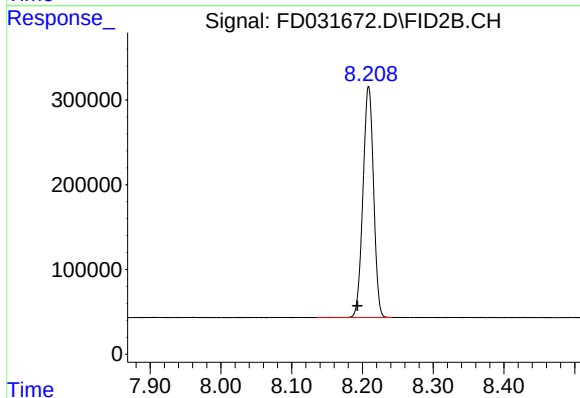
#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: 0.016 min
Response: 2915549
Conc: 21.65 ug/ml



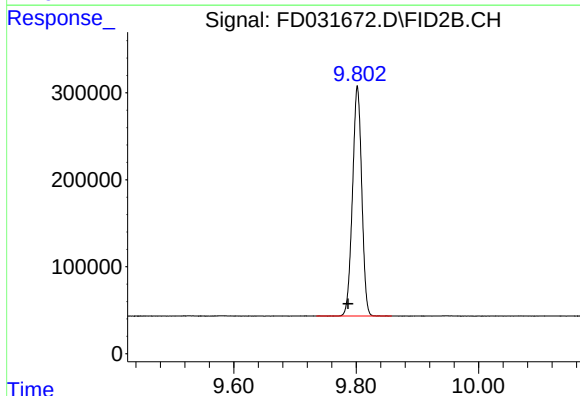
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: 0.021 min
Response: 3212330
Conc: 21.19 ug/ml



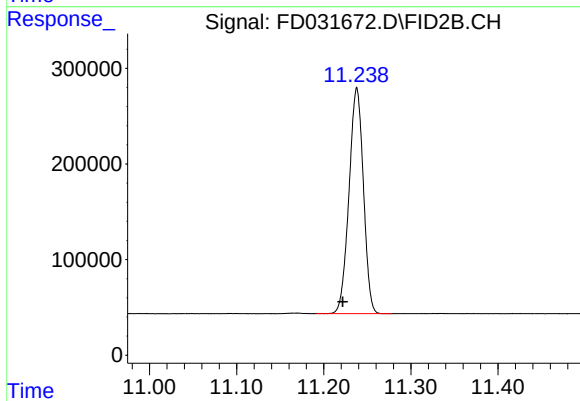
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: 0.016 min
Response: 2838408
Conc: 21.06 ug/ml



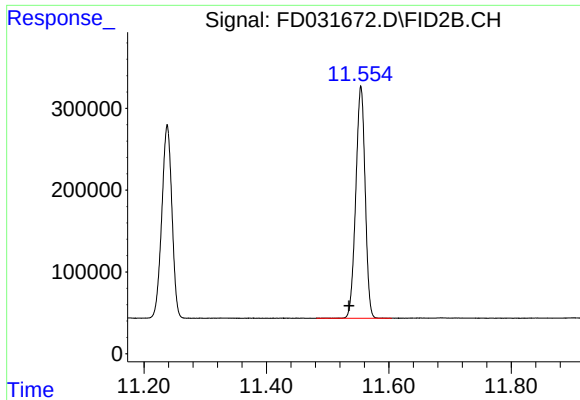
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: 0.015 min
Response: 2772754
Conc: 20.68 ug/ml



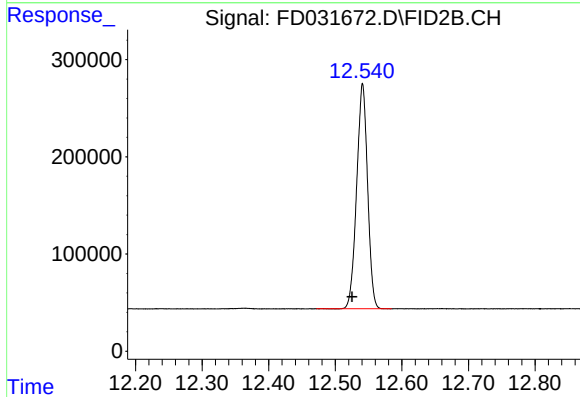
#8 n-Octadecane (C18)

R.T.: 11.238 min
Delta R.T.: 0.016 min
Response: 2710749
Conc: 20.32 ug/ml



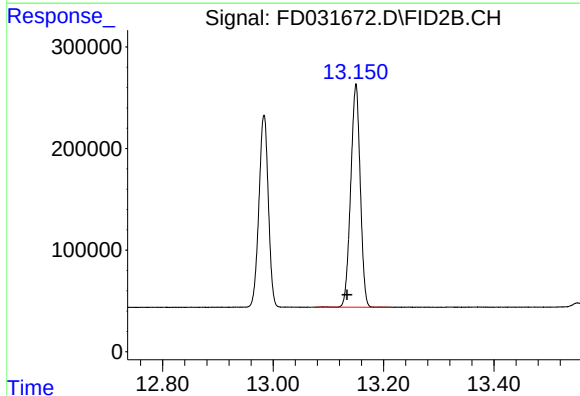
#9 ortho-Terphenyl (SURR)

R.T.: 11.554 min
Delta R.T.: 0.019 min
Response: 3009882
Conc: 19.78 ug/ml



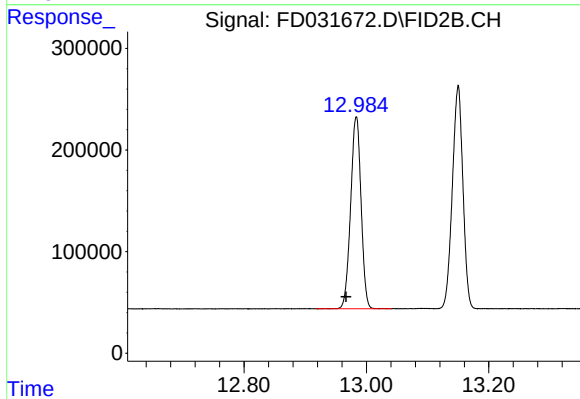
#10 n-Eicosane (C20)

R.T.: 12.541 min
Delta R.T.: 0.016 min
Response: 2637804
Conc: 20.00 ug/ml



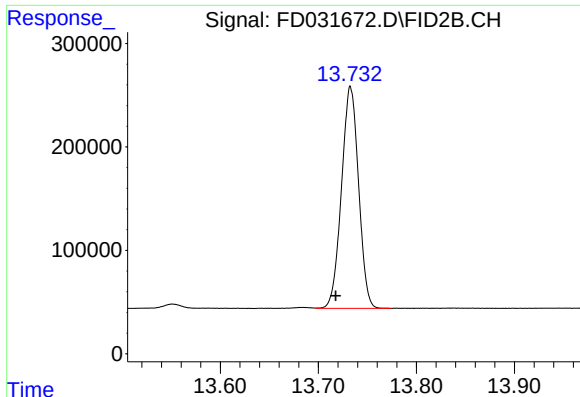
#11 n-Heneicosane (C21)

R.T.: 13.150 min
Delta R.T.: 0.016 min
Response: 2628707
Conc: 19.87 ug/ml



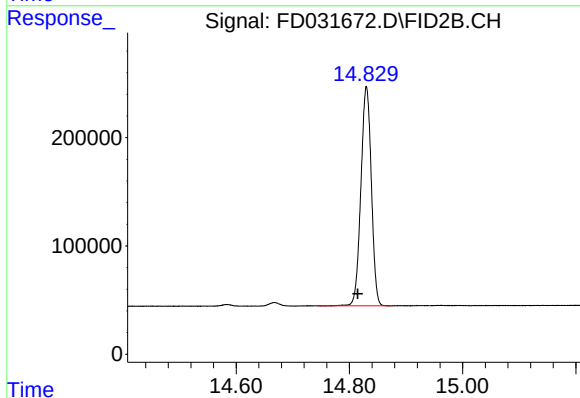
#12 1-chlorooctadecane (SURR)

R.T.: 12.983 min
Delta R.T.: 0.017 min
Response: 2233028
Conc: 19.65 ug/ml



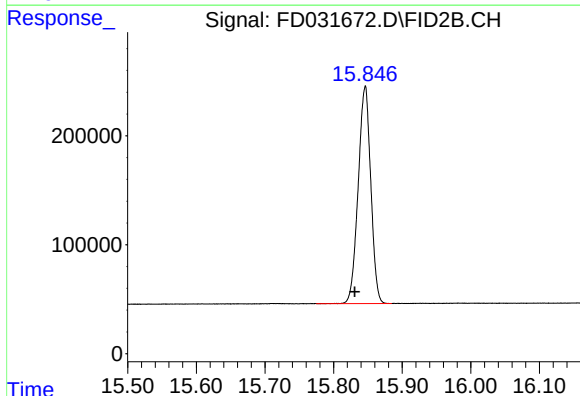
#13 n-Docosane (C22)

R.T.: 13.733 min
Delta R.T.: 0.015 min
Response: 2598329
Conc: 19.79 ug/ml



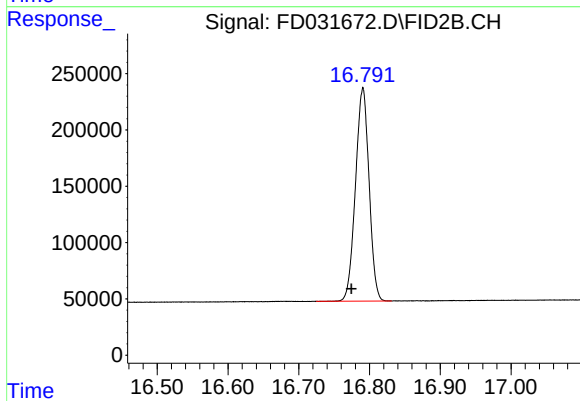
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: 0.015 min
Response: 2590880
Conc: 19.80 ug/ml



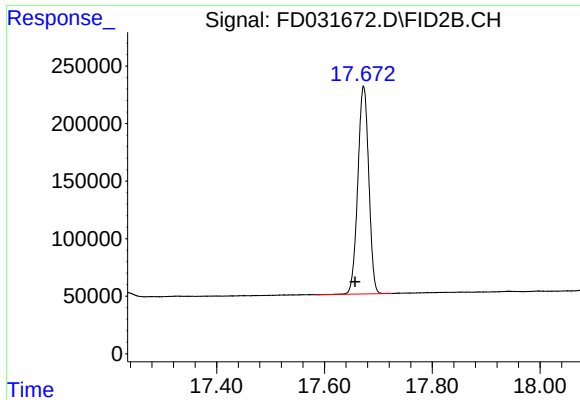
#15 n-Hexacosane (C26)

R.T.: 15.846 min
Delta R.T.: 0.015 min
Response: 2541161
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.790 min
Delta R.T.: 0.016 min
Response: 2522925
Conc: 19.72 ug/ml



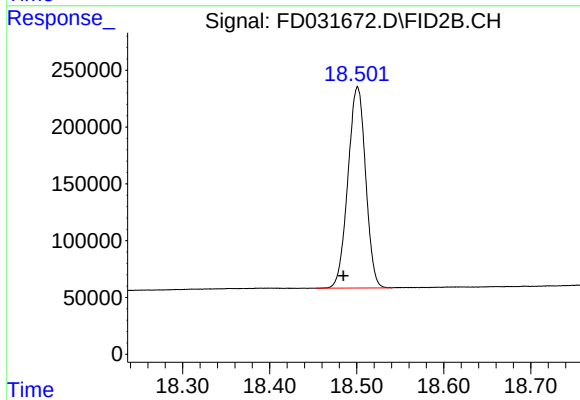
#17 n-Tricontane (C30)

R.T.: 17.673 min

Delta R.T.: 0.016 min

Response: 2539011

Conc: 19.91 ug/ml



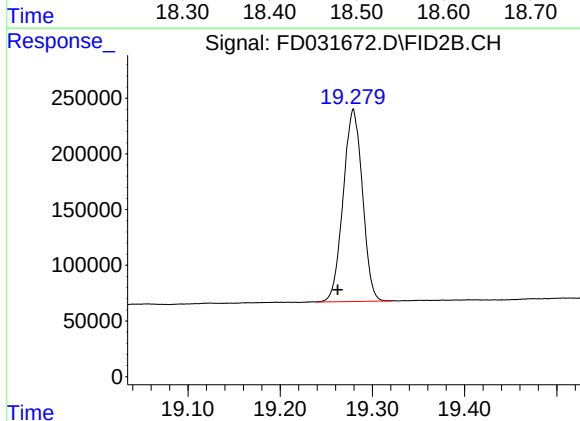
#18 n-Dotriacontane (C32)

R.T.: 18.501 min

Delta R.T.: 0.016 min

Response: 2503794

Conc: 20.30 ug/ml m



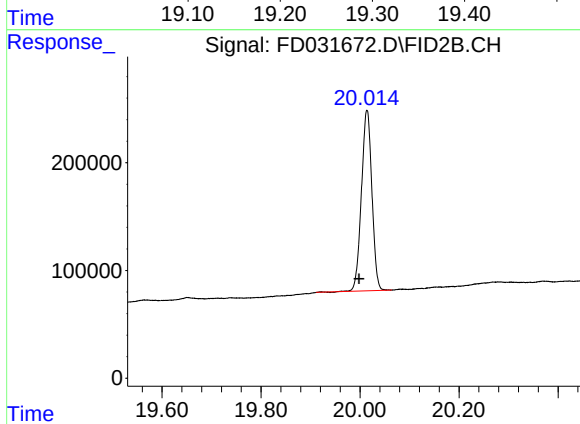
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min

Delta R.T.: 0.017 min

Response: 2504096

Conc: 20.93 ug/ml m



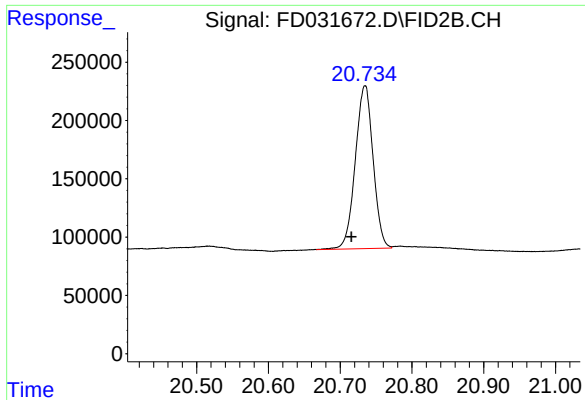
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min

Delta R.T.: 0.016 min

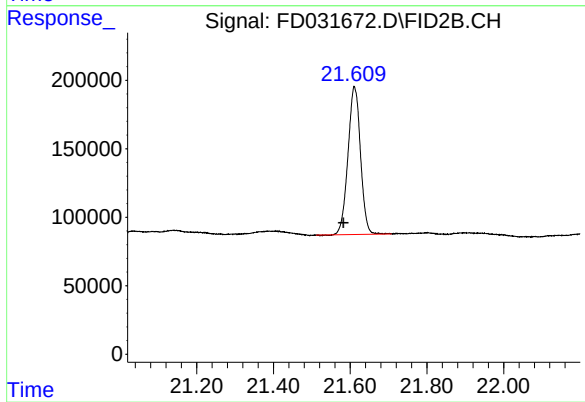
Response: 2459282

Conc: 21.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: 0.018 min
Response: 2409323
Conc: 22.94 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.611 min
Delta R.T.: 0.029 min
Response: 2446685
Conc: 22.78 ug/ml