

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111320AL\
 Data File : FD035507.D
 Signal(s) : FID2B.CH
 Acq On : 13 Nov 2020 11:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 16 09:03:52 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)	11.535	2577541	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	12.966	2045131	19.623 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
Target Compounds			
1) T n-Nonane (C9)	3.324	2401259	21.325 ug/ml
2) T n-Decane (C10)	4.389	2424186	21.452 ug/ml
3) T A~Naphthalene (C11.7)	5.970	2633870	21.537 ug/ml
4) T n-Dodecane (C12)	6.400	2478120	21.434 ug/ml
5) T A~2-methylnaphthalene...	7.023	2678618	21.408 ug/ml
6) T n-Tetradecane (C14)	8.189	2481907	21.551 ug/ml
7) T n-Hexadecane (C16)	9.783	2433151	21.294 ug/ml
8) T n-Octadecane (C18)	11.219	2510539	20.804 ug/ml
10) T n-Eicosane (C20)	12.523	2486461	20.276 ug/ml
11) T n-Heneicosane (C21)	13.133	2439104	19.839 ug/ml
13) T n-Docosane (C22)	13.717	2454498	19.905 ug/ml
14) T n-Tetracosane (C24)	14.815	2450869	19.810 ug/ml
15) T n-Hexacosane (C26)	15.833	2383915	19.368 ug/ml
16) T n-Octacosane (C28)	16.778	2351027	19.096 ug/ml
17) T n-Tricontane (C30)	17.663	2317154	19.173 ug/ml
18) T n-Dotriacontane (C32)	18.489	2173168	19.327 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2004150	19.095 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1880785	19.633 ug/ml
21) T n-Octatriacontane (C38)	20.727	1781908	20.061 ug/ml
22) T n-Tetracontane (C40)	21.609	1816671	20.700 ug/ml

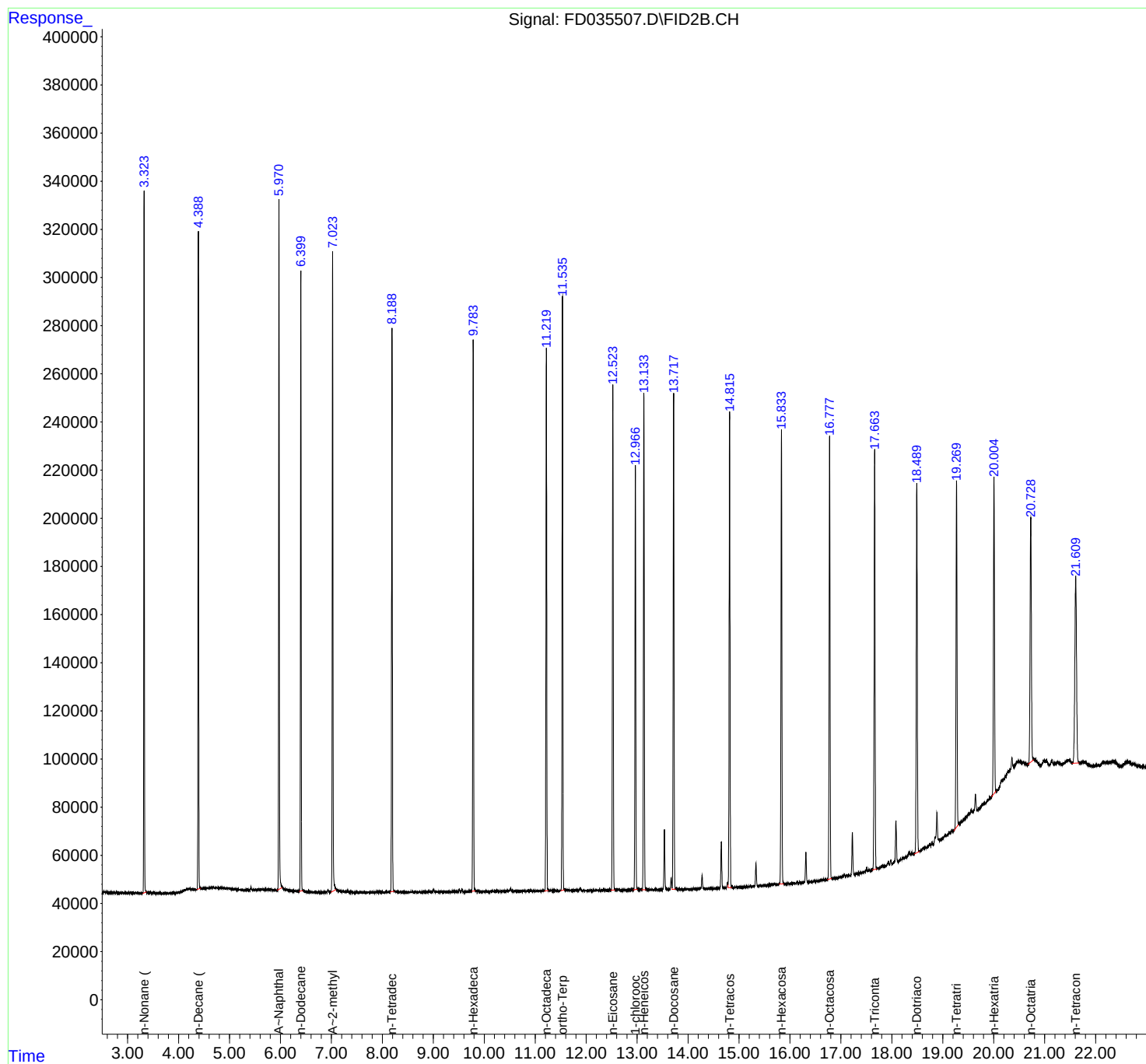
(f)=RT Delta > 1/2 Window

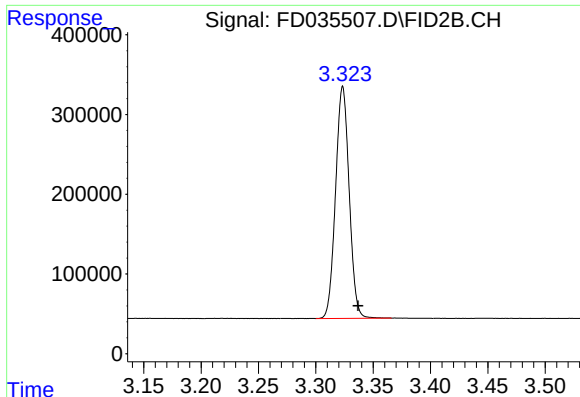
(m)=manual int.

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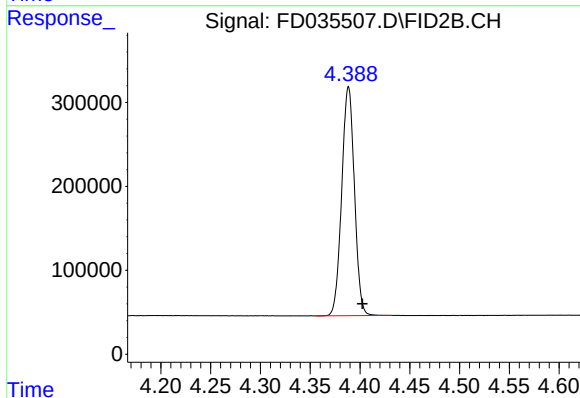
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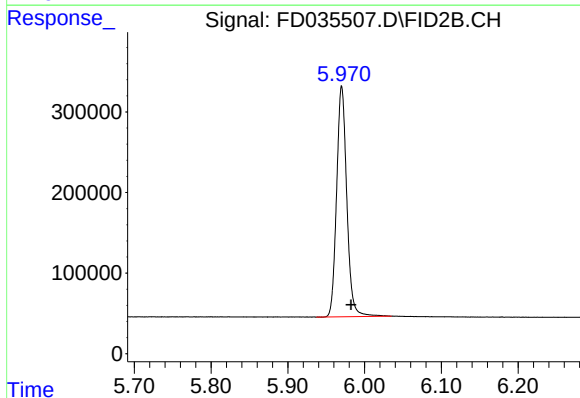
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.013 min
Response: 2401259
Conc: 21.32 ug/ml



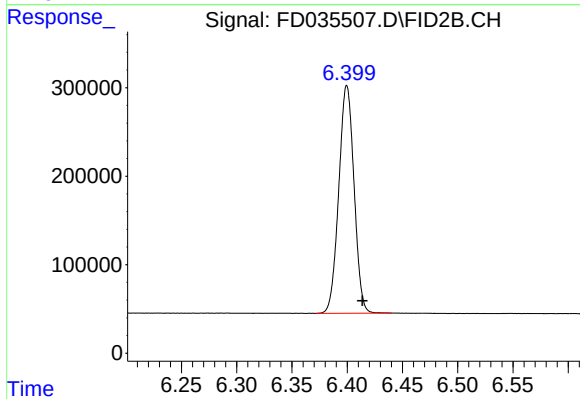
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.014 min
Response: 2424186
Conc: 21.45 ug/ml



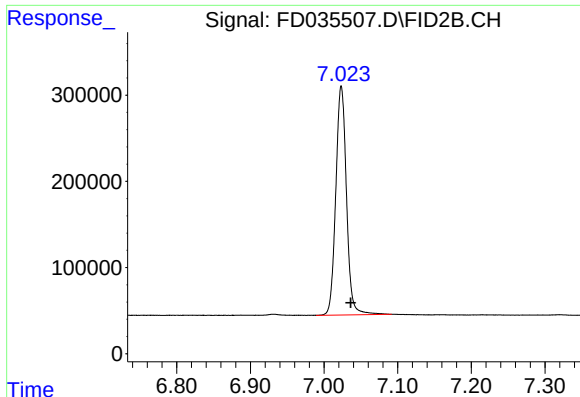
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.012 min
Response: 2633870
Conc: 21.54 ug/ml



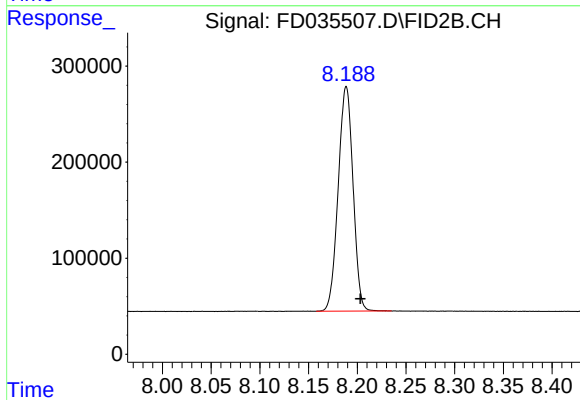
#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: -0.014 min
Response: 2478120
Conc: 21.43 ug/ml



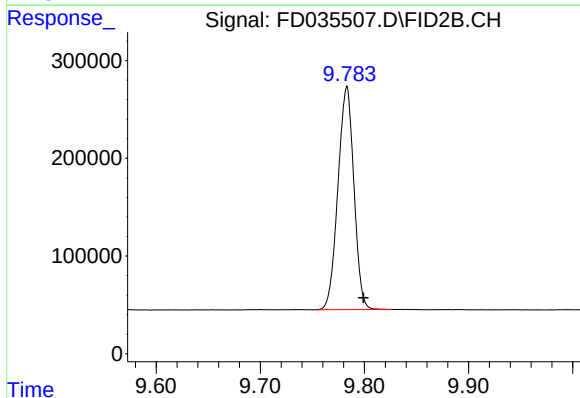
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.013 min
Response: 2678618
Conc: 21.41 ug/ml



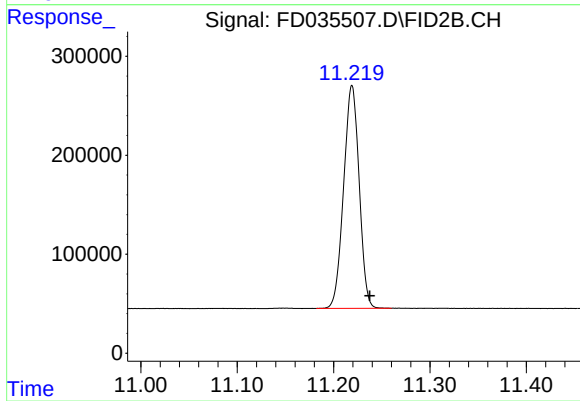
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: -0.015 min
Response: 2481907
Conc: 21.55 ug/ml



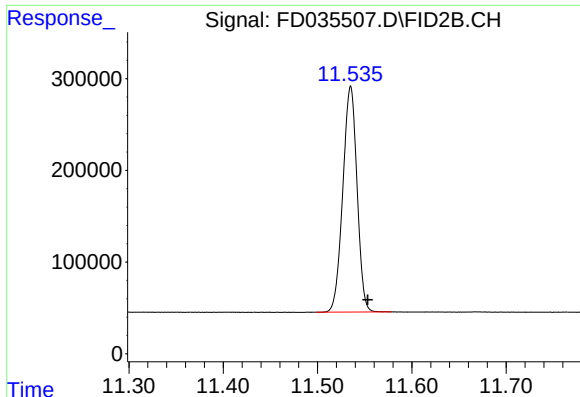
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: -0.016 min
Response: 2433151
Conc: 21.29 ug/ml



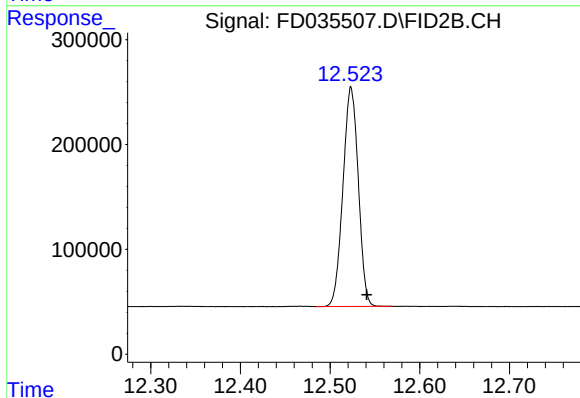
#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.018 min
Response: 2510539
Conc: 20.80 ug/ml



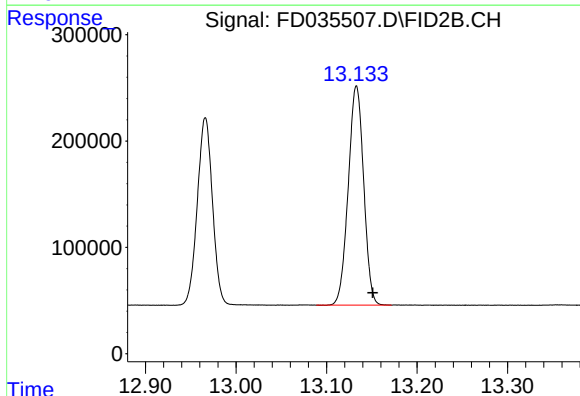
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.018 min
Response: 2577541
Conc: 19.81 ug/ml



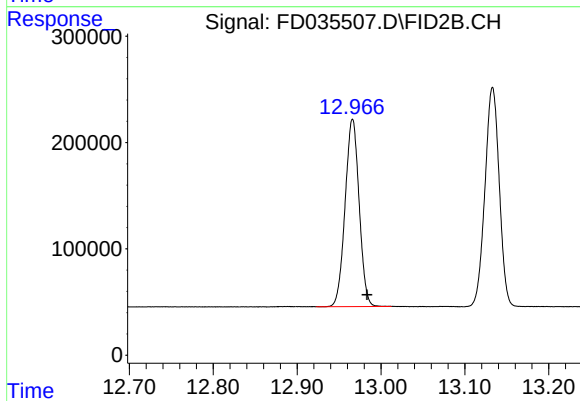
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.017 min
Response: 2486461
Conc: 20.28 ug/ml



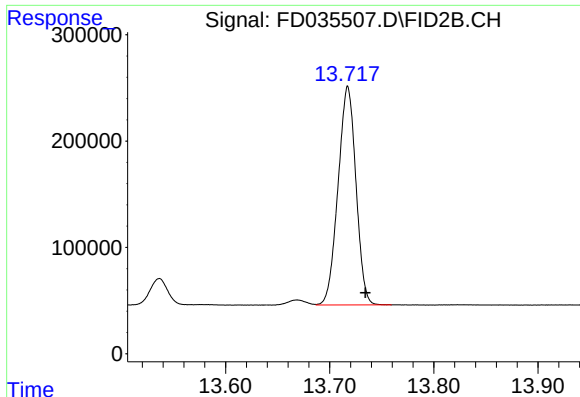
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.018 min
Response: 2439104
Conc: 19.84 ug/ml



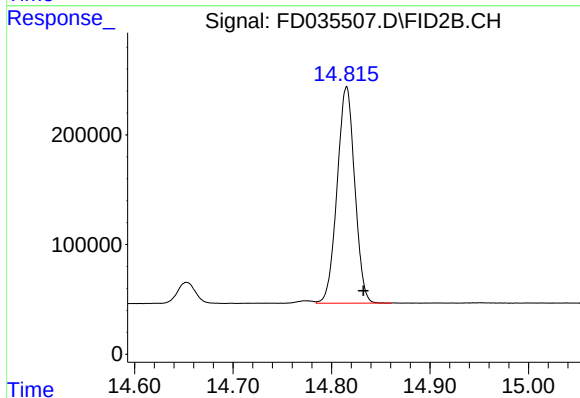
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.017 min
Response: 2045131
Conc: 19.62 ug/ml



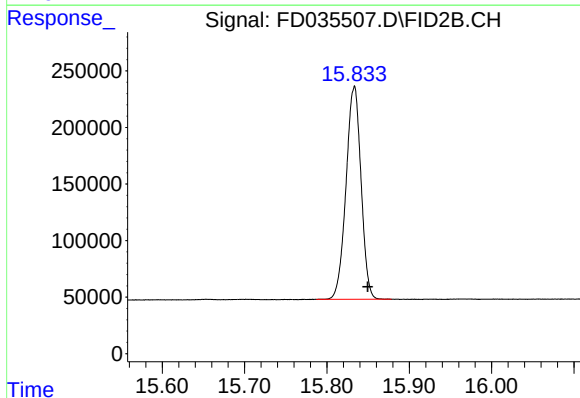
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: -0.017 min
Response: 2454498
Conc: 19.91 ug/ml



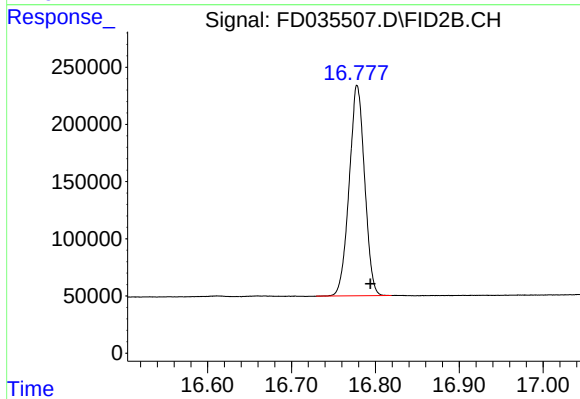
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.017 min
Response: 2450869
Conc: 19.81 ug/ml



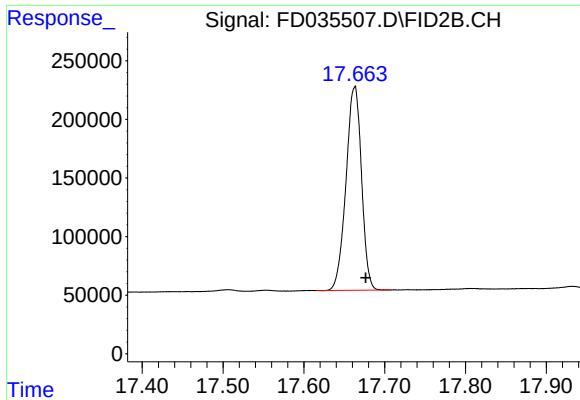
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: -0.016 min
Response: 2383915
Conc: 19.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.778 min
Delta R.T.: -0.016 min
Response: 2351027
Conc: 19.10 ug/ml



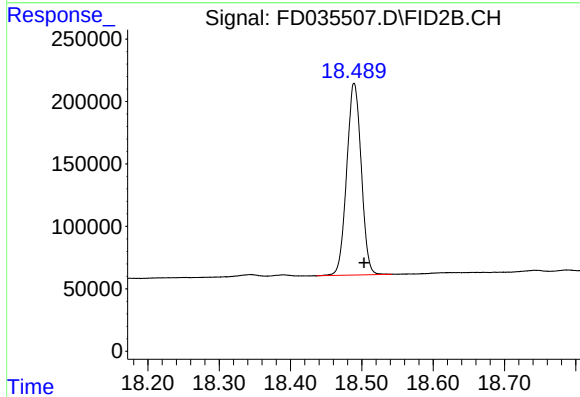
#17 n-Tricontane (C30)

R.T.: 17.663 min

Delta R.T.: -0.014 min

Response: 2317154

Conc: 19.17 ug/ml



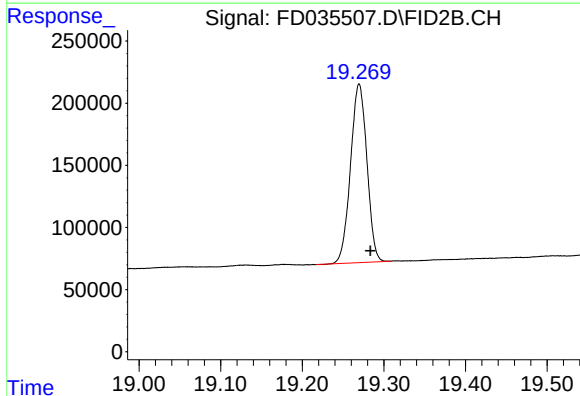
#18 n-Dotriacontane (C32)

R.T.: 18.489 min

Delta R.T.: -0.014 min

Response: 2173168

Conc: 19.33 ug/ml



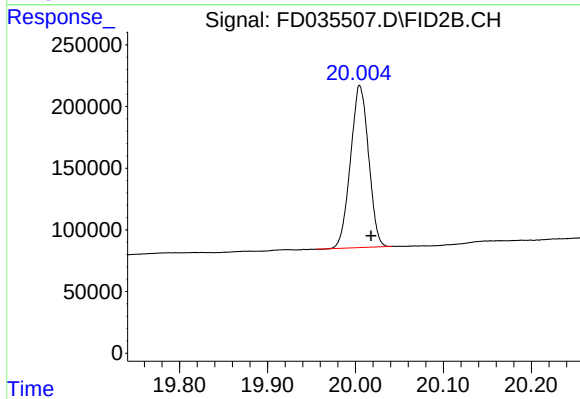
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min

Delta R.T.: -0.014 min

Response: 2004150

Conc: 19.09 ug/ml



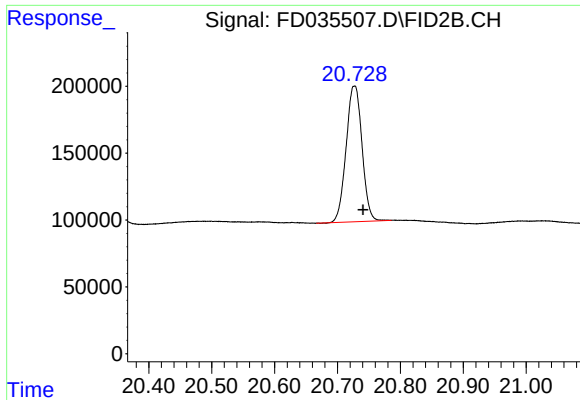
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min

Delta R.T.: -0.013 min

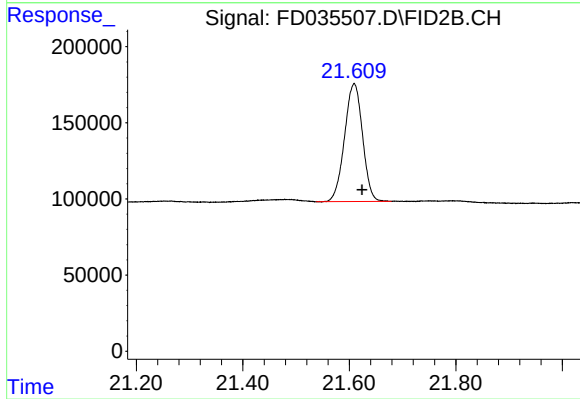
Response: 1880785

Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.014 min
Response: 1781908
Conc: 20.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: -0.015 min
Response: 1816671
Conc: 20.70 ug/ml