

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111320AL\
 Data File : FD035522.D
 Signal(s) : FID2B.CH
 Acq On : 13 Nov 2020 22:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 16 09:05:54 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)	11.534	2662615	20.468 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	12.965	2118237	20.325 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T n-Nonane (C9)	3.322	2462727	21.871 ug/ml
2) T n-Decane (C10)	4.387	2489011	22.026 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2705498	22.123 ug/ml
4) T n-Dodecane (C12)	6.398	2542395	21.990 ug/ml
5) T A~2-methylnaphthalene...	7.021	2753155	22.003 ug/ml
6) T n-Tetradecane (C14)	8.186	2548300	22.128 ug/ml
7) T n-Hexadecane (C16)	9.781	2503017	21.905 ug/ml
8) T n-Octadecane (C18)	11.218	2583658	21.410 ug/ml
10) T n-Eicosane (C20)	12.522	2567220	20.935 ug/ml
11) T n-Heneicosane (C21)	13.131	2518979	20.488 ug/ml
13) T n-Docosane (C22)	13.716	2538436	20.586 ug/ml
14) T n-Tetracosane (C24)	14.814	2566681	20.746 ug/ml
15) T n-Hexacosane (C26)	15.831	2469873	20.066 ug/ml
16) T n-Octacosane (C28)	16.775	2436304	19.788 ug/ml
17) T n-Tricontane (C30)	17.659	2398534	19.846 ug/ml
18) T n-Dotriacontane (C32)	18.487	2255815	20.063 ug/ml
19) T n-Tetratriacontane (C34)	19.265	2076471	19.784 ug/ml
20) T n-Hexatriacontane (C36)	20.001	1953634	20.394 ug/ml
21) T n-Octatriacontane (C38)	20.721	1857429	20.911 ug/ml
22) T n-Tetracontane (C40)	21.602	1893733	21.578 ug/ml

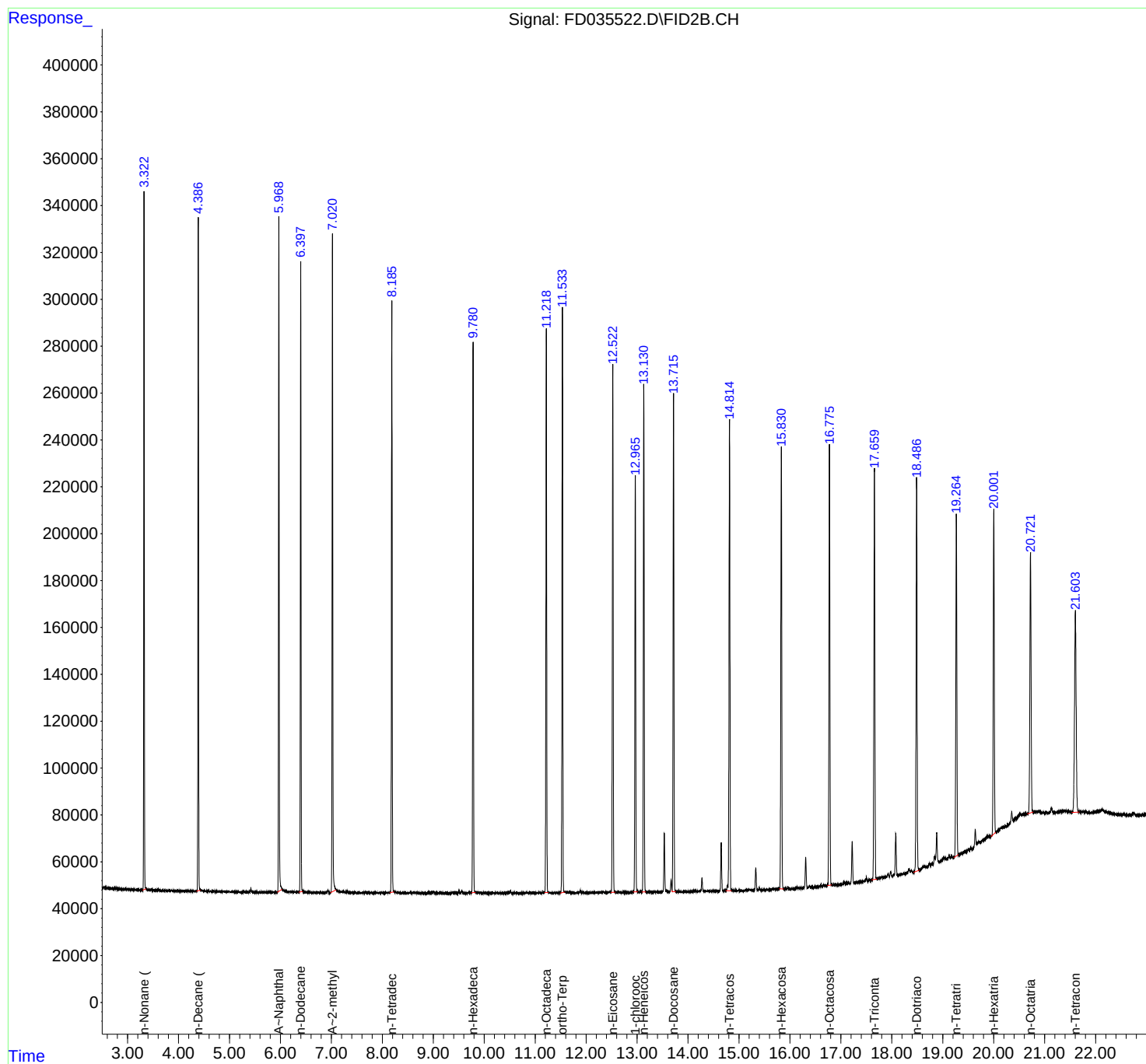
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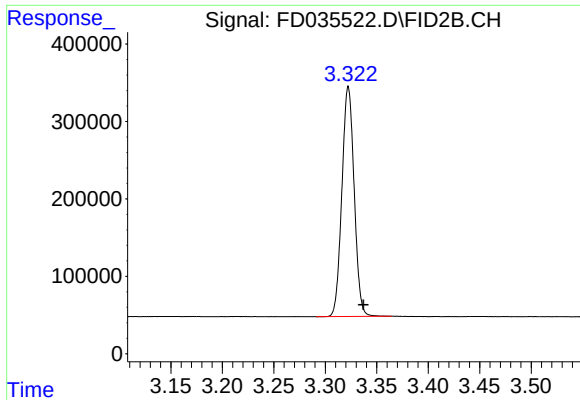
(m)=manual int.

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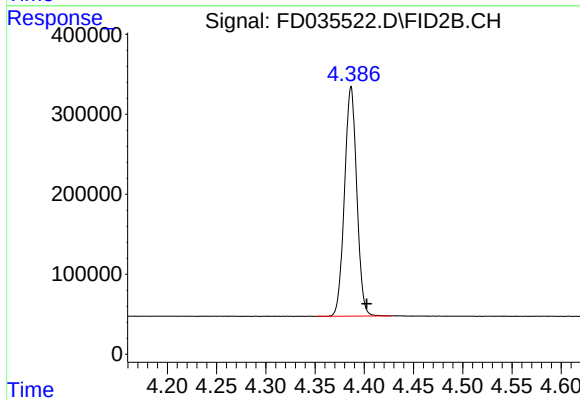
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





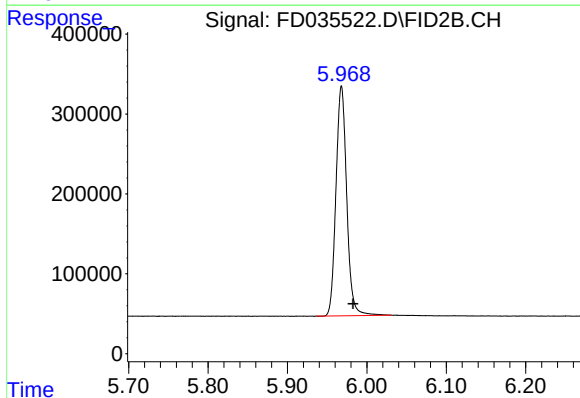
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.015 min
Response: 2462727
Conc: 21.87 ug/ml



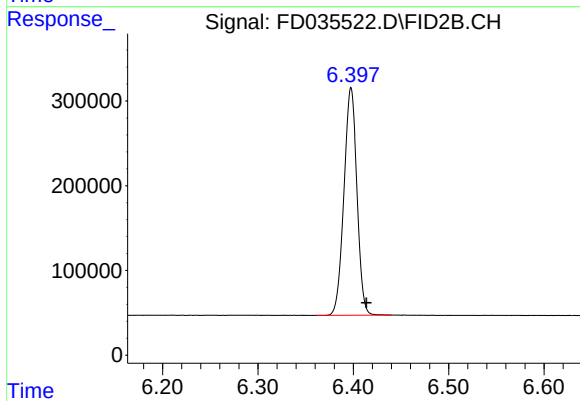
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.016 min
Response: 2489011
Conc: 22.03 ug/ml



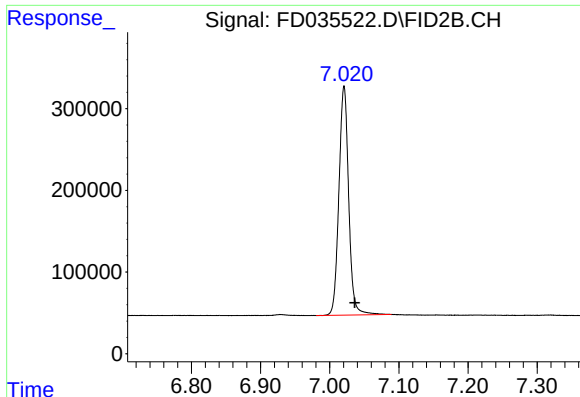
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.014 min
Response: 2705498
Conc: 22.12 ug/ml



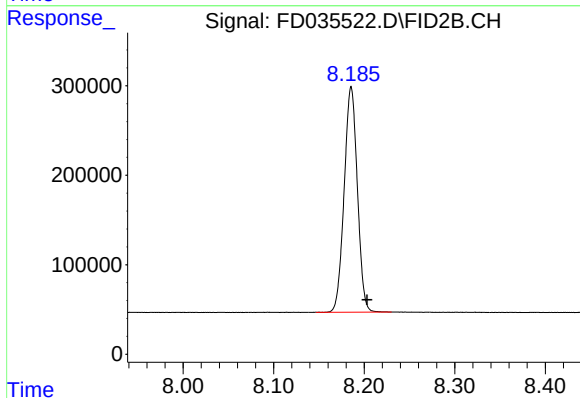
#4 n-Dodecane (C12)

R.T.: 6.398 min
Delta R.T.: -0.016 min
Response: 2542395
Conc: 21.99 ug/ml



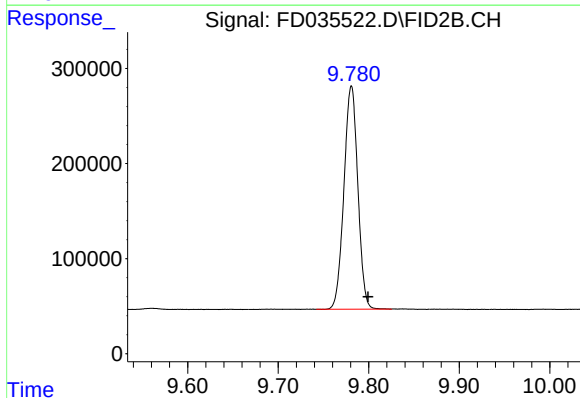
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.016 min
Response: 2753155
Conc: 22.00 ug/ml



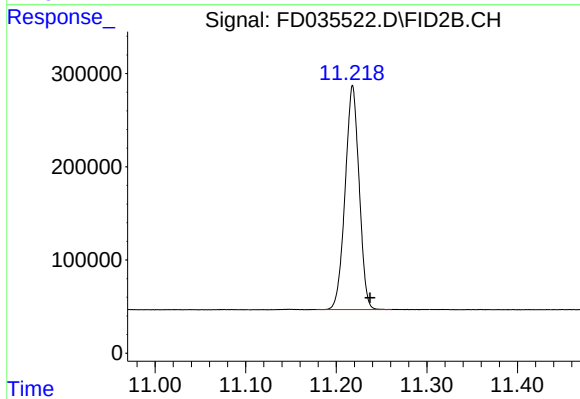
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.018 min
Response: 2548300
Conc: 22.13 ug/ml



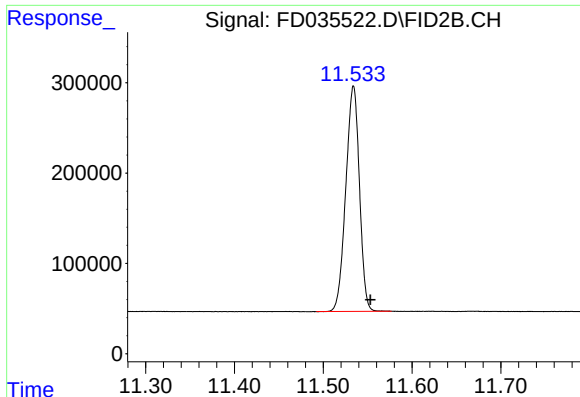
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.018 min
Response: 2503017
Conc: 21.91 ug/ml



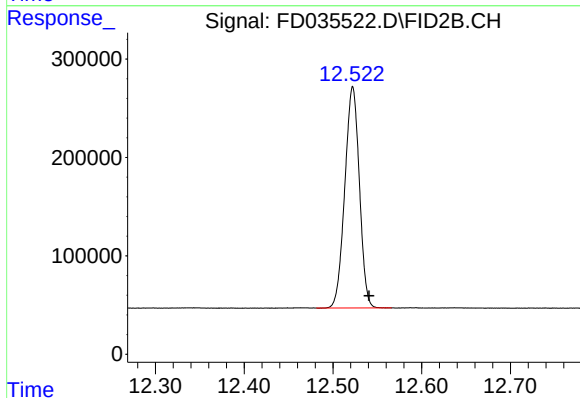
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.019 min
Response: 2583658
Conc: 21.41 ug/ml



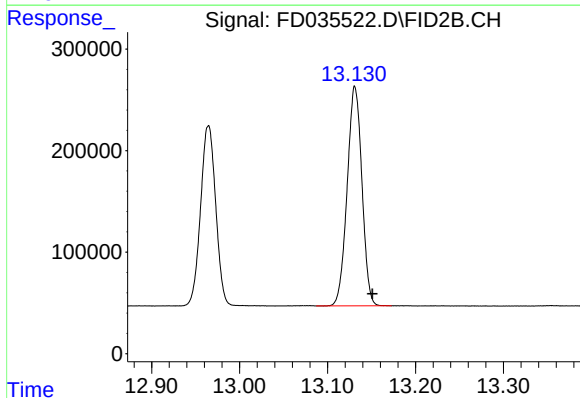
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.019 min
Response: 2662615
Conc: 20.47 ug/ml



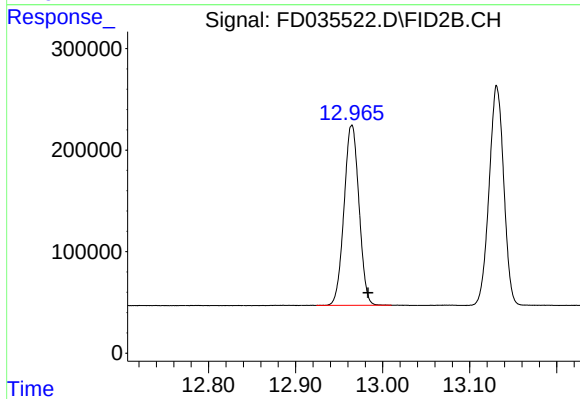
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.019 min
Response: 2567220
Conc: 20.93 ug/ml



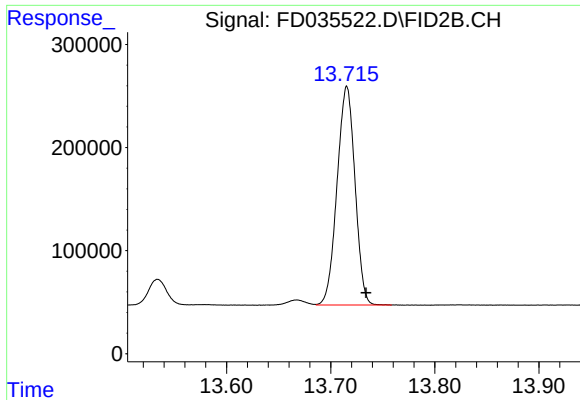
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.020 min
Response: 2518979
Conc: 20.49 ug/ml



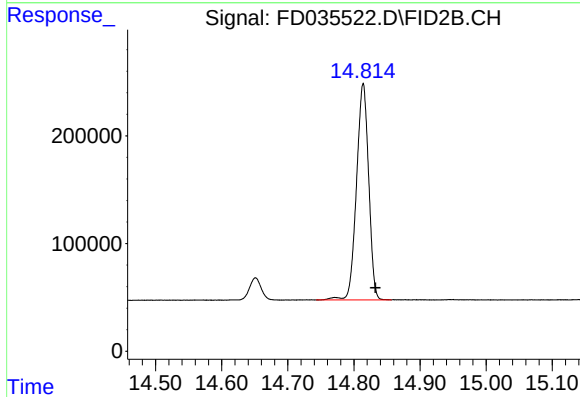
#12 1-chlorooctadecane (SURR)

R.T.: 12.965 min
Delta R.T.: -0.019 min
Response: 2118237
Conc: 20.32 ug/ml



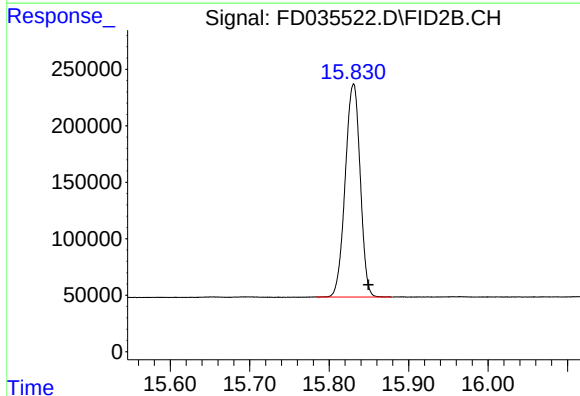
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.019 min
Response: 2538436
Conc: 20.59 ug/ml



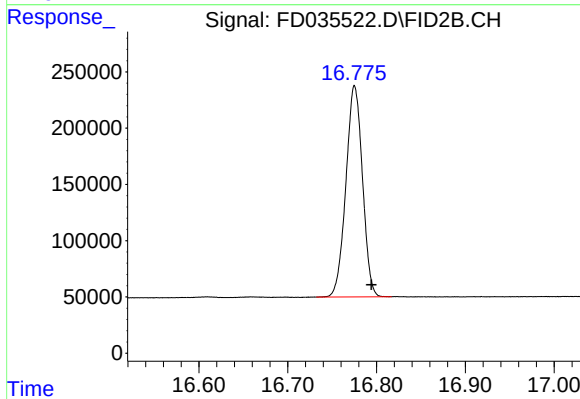
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.018 min
Response: 2566681
Conc: 20.75 ug/ml



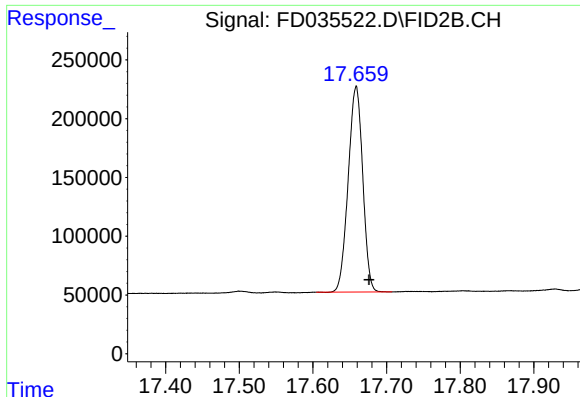
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.019 min
Response: 2469873
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: -0.019 min
Response: 2436304
Conc: 19.79 ug/ml



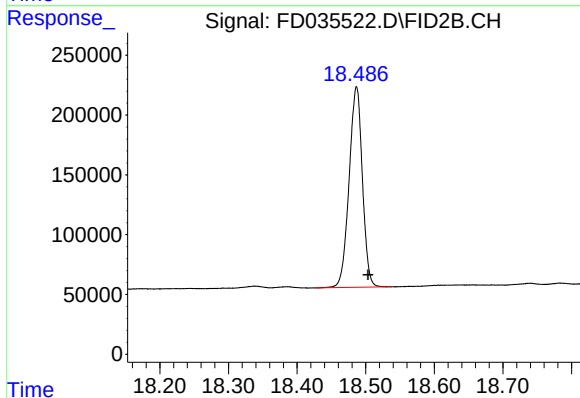
#17 n-Tricontane (C30)

R.T.: 17.659 min

Delta R.T.: -0.018 min

Response: 2398534

Conc: 19.85 ug/ml



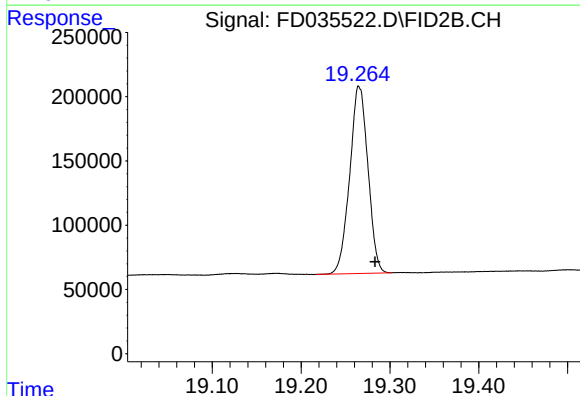
#18 n-Dotriacontane (C32)

R.T.: 18.487 min

Delta R.T.: -0.017 min

Response: 2255815

Conc: 20.06 ug/ml



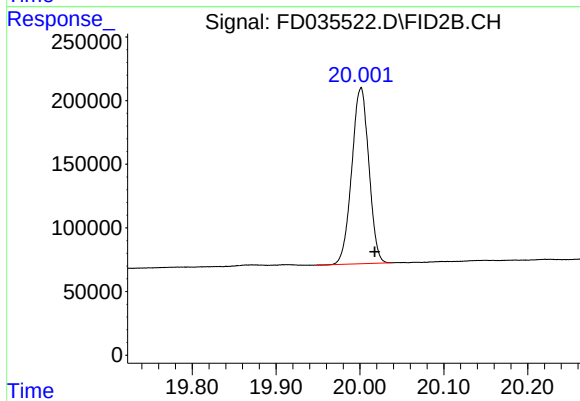
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min

Delta R.T.: -0.018 min

Response: 2076471

Conc: 19.78 ug/ml



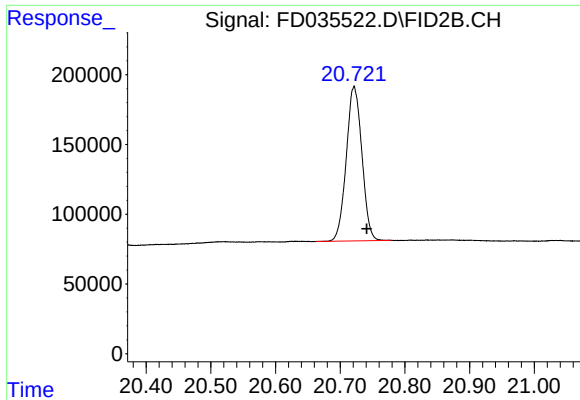
#20 n-Hexatriacontane (C36)

R.T.: 20.001 min

Delta R.T.: -0.016 min

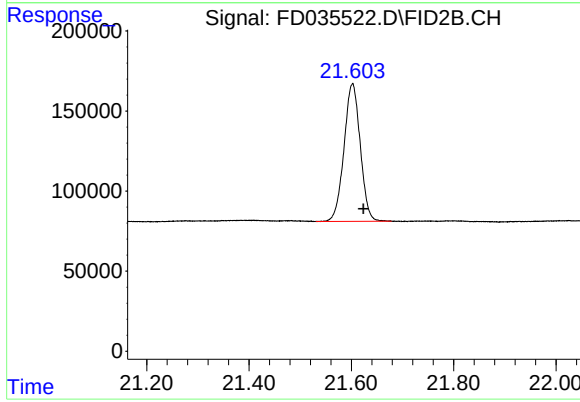
Response: 1953634

Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: -0.020 min
Response: 1857429
Conc: 20.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.021 min
Response: 1893733
Conc: 21.58 ug/ml