

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AL\
 Data File : FD040052.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2021 16:51
 Operator : AJ\MA
 Sample : M5146-01MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 00:44:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 2021
 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)	10.747	3042459	19.380 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
12) S 1-chlorooctadecane (S...	12.182	2452713	19.861 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	2.658	4701920	33.412 ug/ml
2) T n-Decane (C10)	3.656	5250015	36.809 ug/ml
3) T A~Naphthalene (C11.7)	5.199	6311363	39.317 ug/ml
4) T n-Dodecane (C12)	5.632	5658105	39.627 ug/ml
5) T A~2-methylnaphthalene...	6.243	6415489	39.754 ug/ml
6) T n-Tetradecane (C14)	7.416	6149617	42.667 ug/ml
7) T n-Hexadecane (C16)	9.006	6689091	45.980 ug/ml
8) T n-Octadecane (C18)	10.441	6845710	46.005 ug/ml
10) T n-Eicosane (C20)	11.744	6715572	45.918 ug/mlm
11) T n-Heneicosane (C21)	12.354	6592609	44.872 ug/ml
13) T n-Docosane (C22)	12.938	6523838	44.676 ug/ml
14) T n-Tetracosane (C24)	14.038	6320346	43.396 ug/ml
15) T n-Hexacosane (C26)	15.056	6075440	43.316 ug/ml
16) T n-Octacosane (C28)	15.999	5884190	43.385 ug/ml
17) T n-Tricontane (C30)	16.886	5642603	43.181 ug/ml
18) T n-Dotriacontane (C32)	17.714	5354438	43.023 ug/ml
19) T n-Tetratriacontane (C34)	18.495	4928454	40.804 ug/ml
20) T n-Hexatriacontane (C36)	19.232	4210736	36.614 ug/ml
21) T n-Octatriacontane (C38)	19.946	4039853	36.192 ug/ml
22) T n-Tetracontane (C40)	20.791	4133010	36.272 ug/ml

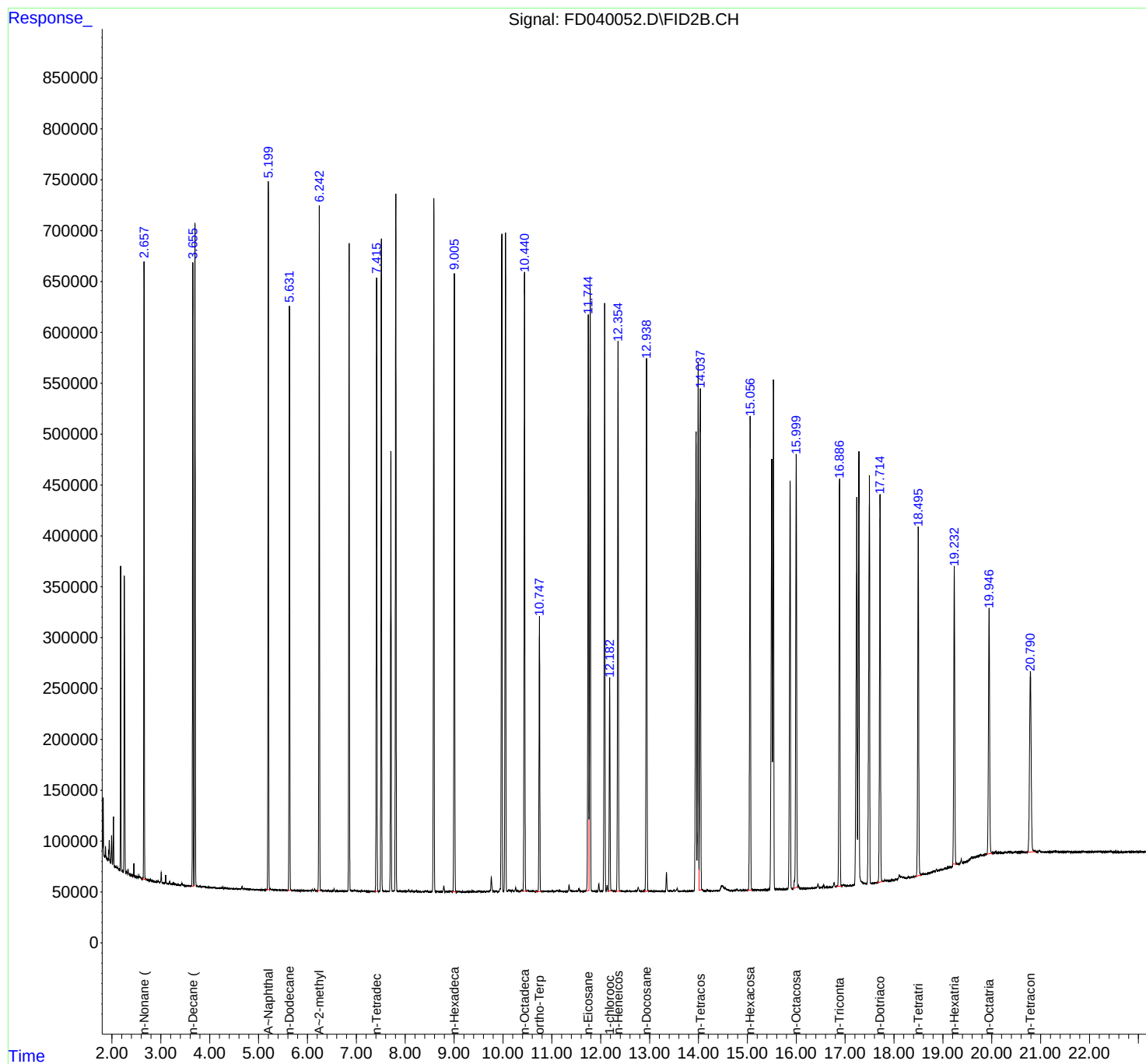
(f)=RT Delta > 1/2 Window

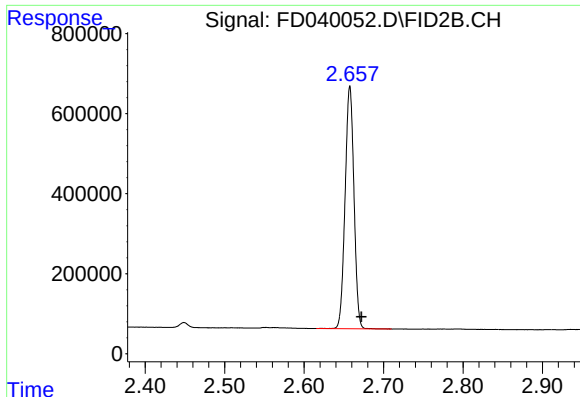
(m)=manual int.

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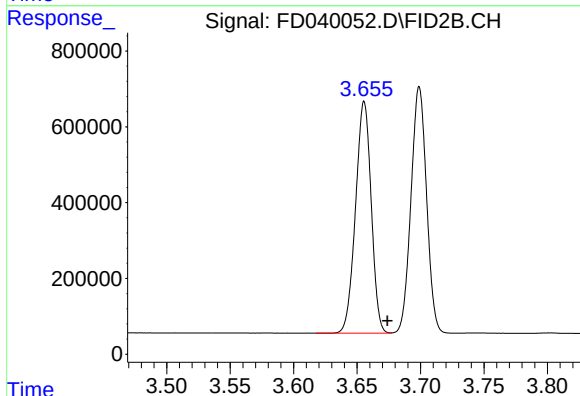
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





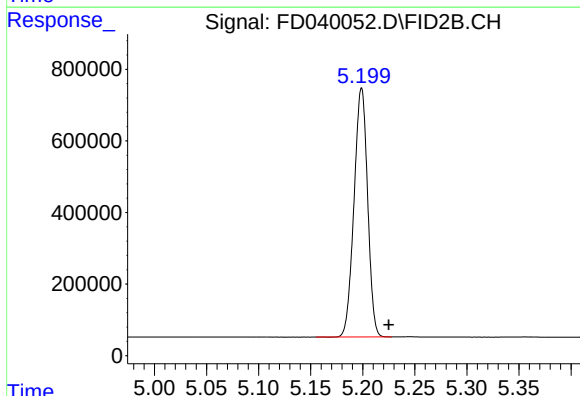
#1 n-Nonane (C9)

R.T.: 2.658 min
Delta R.T.: -0.014 min
Response: 4701920
Conc: 33.41 ug/ml



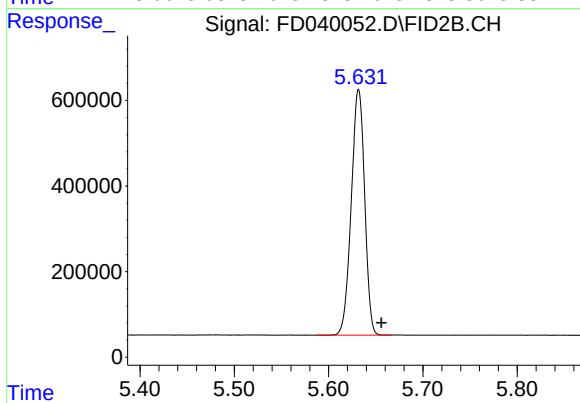
#2 n-Decane (C10)

R.T.: 3.656 min
Delta R.T.: -0.018 min
Response: 5250015
Conc: 36.81 ug/ml



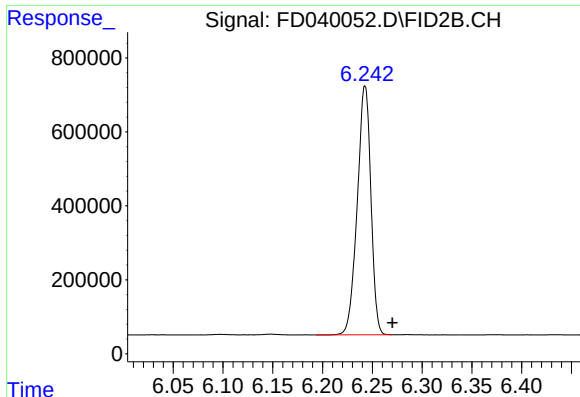
#3 A~Naphthalene (C11.7)

R.T.: 5.199 min
Delta R.T.: -0.026 min
Response: 6311363
Conc: 39.32 ug/ml



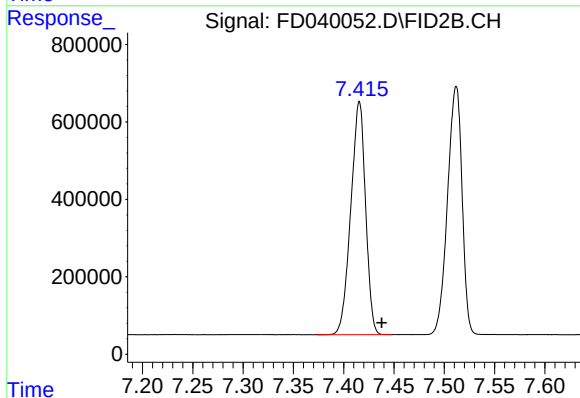
#4 n-Dodecane (C12)

R.T.: 5.632 min
Delta R.T.: -0.024 min
Response: 5658105
Conc: 39.63 ug/ml



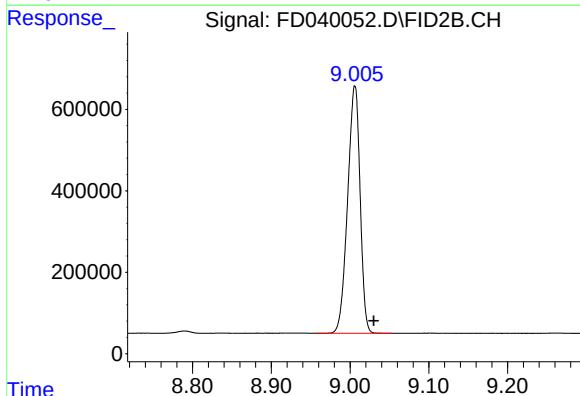
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.243 min
Delta R.T.: -0.027 min
Response: 6415489
Conc: 39.75 ug/ml



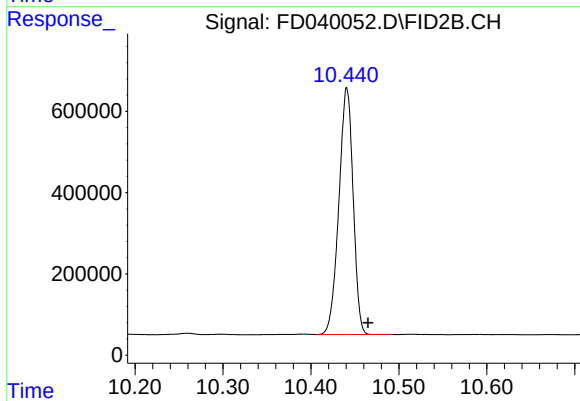
#6 n-Tetradecane (C14)

R.T.: 7.416 min
Delta R.T.: -0.022 min
Response: 6149617
Conc: 42.67 ug/ml



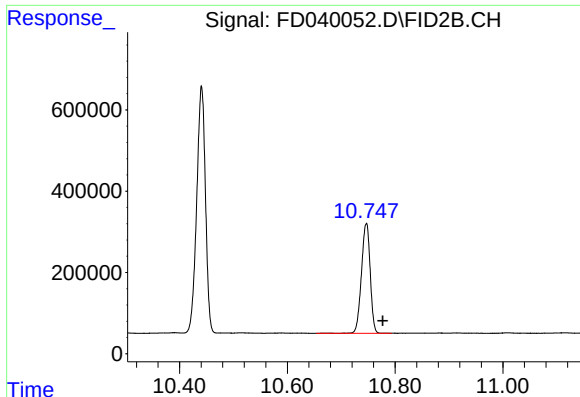
#7 n-Hexadecane (C16)

R.T.: 9.006 min
Delta R.T.: -0.024 min
Response: 6689091
Conc: 45.98 ug/ml



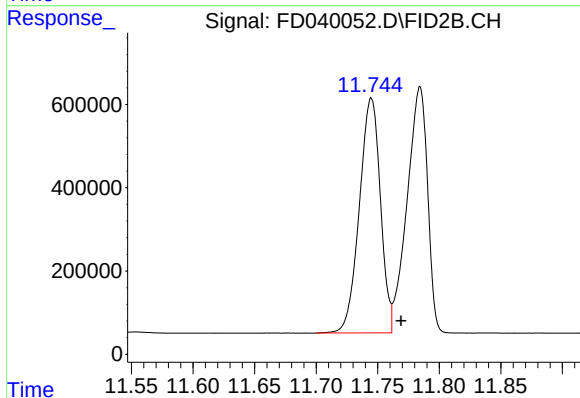
#8 n-Octadecane (C18)

R.T.: 10.441 min
Delta R.T.: -0.024 min
Response: 6845710
Conc: 46.01 ug/ml



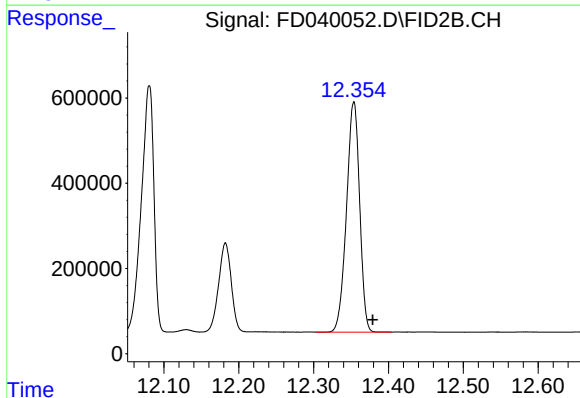
#9 ortho-Terphenyl (SURR)

R.T.: 10.747 min
Delta R.T.: -0.030 min
Response: 3042459
Conc: 19.38 ug/ml



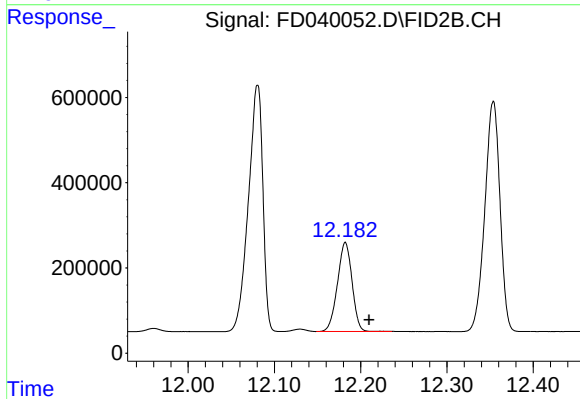
#10 n-Eicosane (C20)

R.T.: 11.744 min
Delta R.T.: -0.025 min
Response: 6715572
Conc: 45.92 ug/ml m



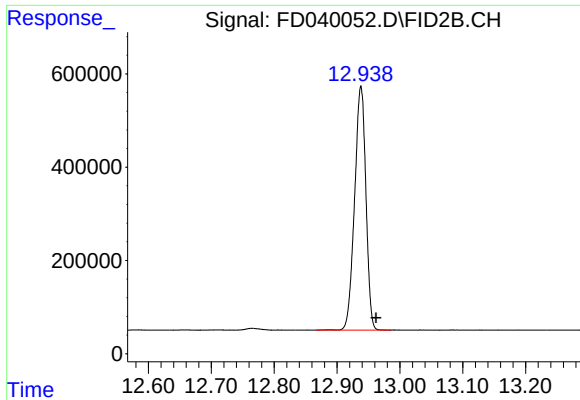
#11 n-Heneicosane (C21)

R.T.: 12.354 min
Delta R.T.: -0.025 min
Response: 6592609
Conc: 44.87 ug/ml



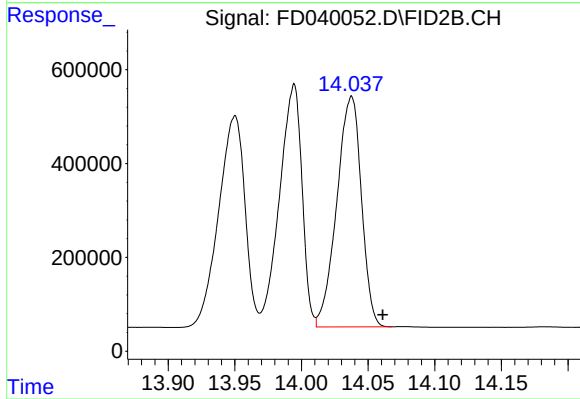
#12 1-chlorooctadecane (SURR)

R.T.: 12.182 min
Delta R.T.: -0.028 min
Response: 2452713
Conc: 19.86 ug/ml



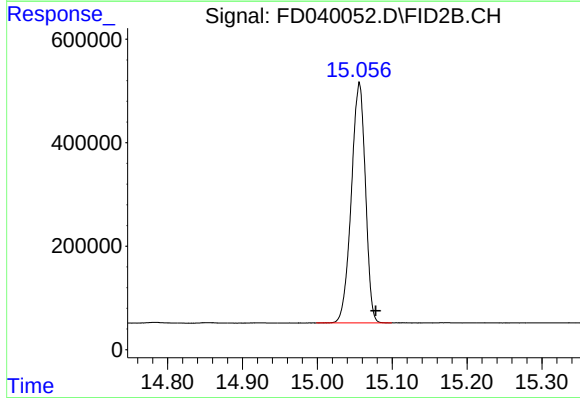
#13 n-Docosane (C22)

R.T.: 12.938 min
Delta R.T.: -0.024 min
Response: 6523838
Conc: 44.68 ug/ml



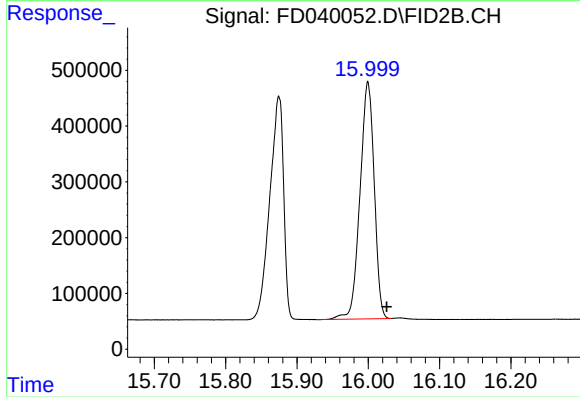
#14 n-Tetracosane (C24)

R.T.: 14.038 min
Delta R.T.: -0.023 min
Response: 6320346
Conc: 43.40 ug/ml



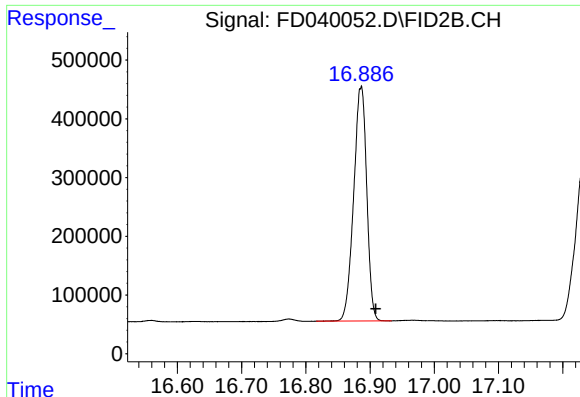
#15 n-Hexacosane (C26)

R.T.: 15.056 min
Delta R.T.: -0.022 min
Response: 6075440
Conc: 43.32 ug/ml



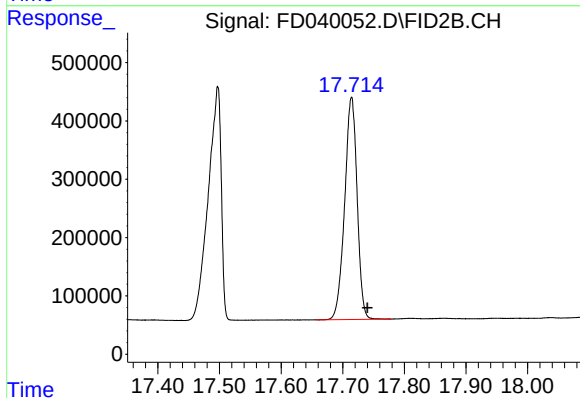
#16 n-Octacosane (C28)

R.T.: 15.999 min
Delta R.T.: -0.027 min
Response: 5884190
Conc: 43.39 ug/ml



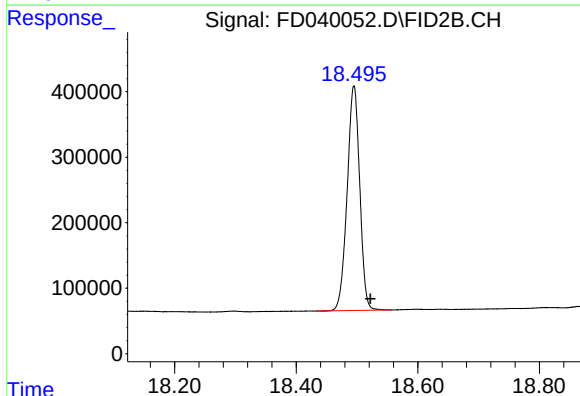
#17 n-Tricontane (C30)

R.T.: 16.886 min
Delta R.T.: -0.023 min
Response: 5642603
Conc: 43.18 ug/ml



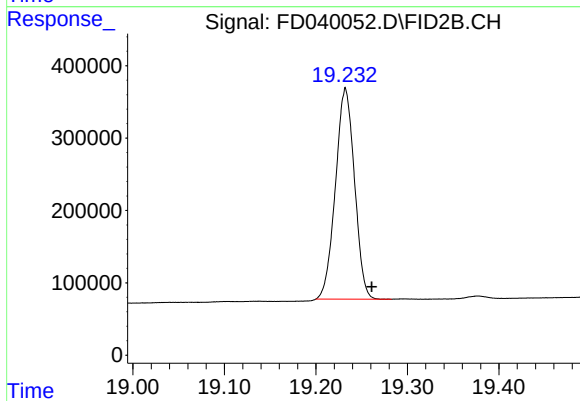
#18 n-Dotriacontane (C32)

R.T.: 17.714 min
Delta R.T.: -0.026 min
Response: 5354438
Conc: 43.02 ug/ml



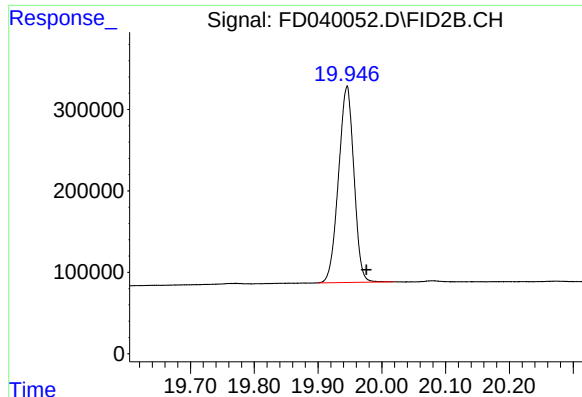
#19 n-Tetratriacontane (C34)

R.T.: 18.495 min
Delta R.T.: -0.027 min
Response: 4928454
Conc: 40.80 ug/ml



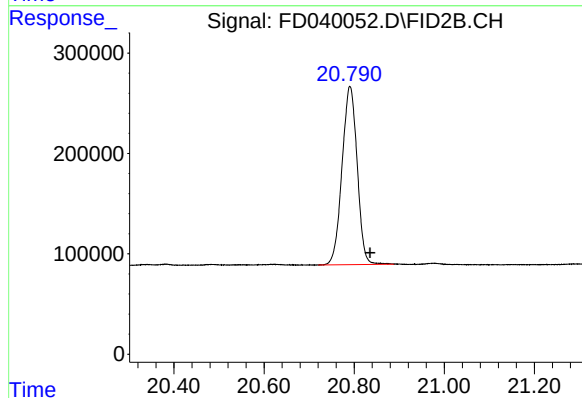
#20 n-Hexatriacontane (C36)

R.T.: 19.232 min
Delta R.T.: -0.029 min
Response: 4210736
Conc: 36.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.946 min
Delta R.T.: -0.030 min
Response: 4039853
Conc: 36.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.791 min
Delta R.T.: -0.044 min
Response: 4133010
Conc: 36.27 ug/ml