

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AL\
 Data File : FD041799.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 3:49
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 30 04:35:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.226	3435726	19.374 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	12.666	2658245	19.197 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T n-Nonane (C9)	3.090	2957206	20.103 ug/ml
2) T n-Decane (C10)	4.137	2946253	20.177 ug/ml
3) T A~Naphthalene (C11.7)	5.689	3153012	20.185 ug/ml
4) T n-Dodecane (C12)	6.134	3051101	20.255 ug/ml
5) T A~2-methylnaphthalene...	6.735	3177956	20.430 ug/ml
6) T n-Tetradecane (C14)	7.911	3073243	20.176 ug/ml
7) T n-Hexadecane (C16)	9.498	3105648	20.142 ug/ml
8) T n-Octadecane (C18)	10.928	3129865	19.866 ug/ml
10) T n-Eicosane (C20)	12.229	3111283	19.668 ug/ml
11) T n-Heneicosane (C21)	12.836	3095761	19.332 ug/ml
13) T n-Docosane (C22)	13.419	3143652	19.573 ug/ml
14) T n-Tetracosane (C24)	14.513	3174397	19.638 ug/mlm
15) T n-Hexacosane (C26)	15.529	3150901	19.509 ug/ml
16) T n-Octacosane (C28)	16.474	3138975	19.500 ug/ml
17) T n-Tricontane (C30)	17.356	3056246	19.393 ug/ml
18) T n-Dotriacontane (C32)	18.184	2891820	19.488 ug/ml
19) T n-Tetratriacontane (C34)	18.963	2629249	19.623 ug/ml
20) T n-Hexatriacontane (C36)	19.699	2419691	20.208 ug/ml
21) T n-Octatriacontane (C38)	20.395	2356530	21.291 ug/mlm
22) T n-Tetracontane (C40)	21.176	2317206	21.523 ug/ml

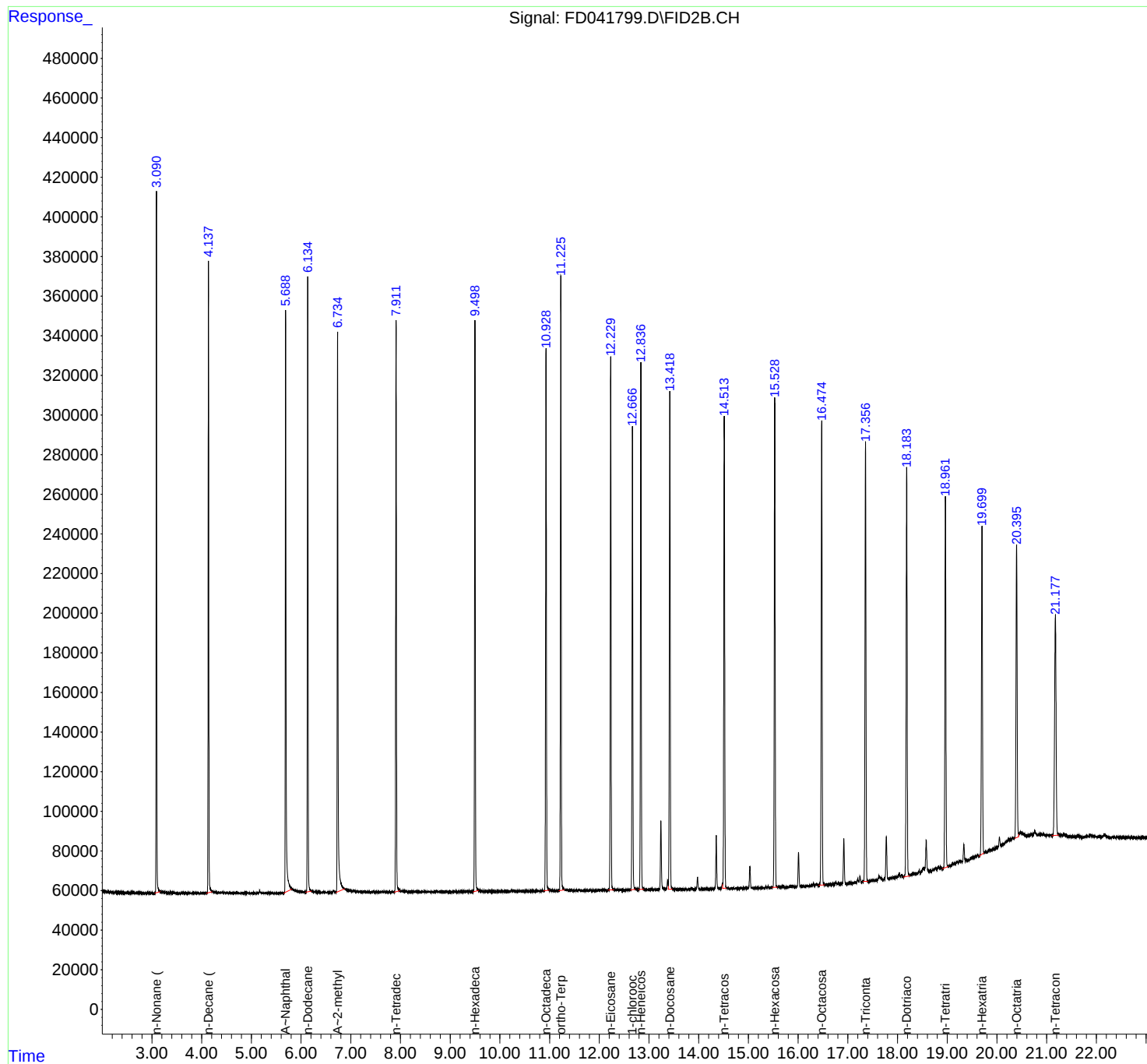
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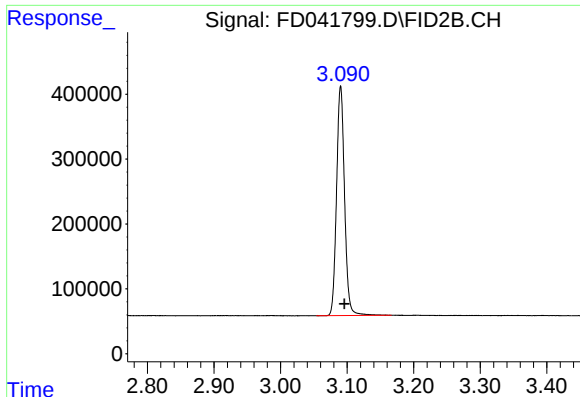
(m)=manual int.

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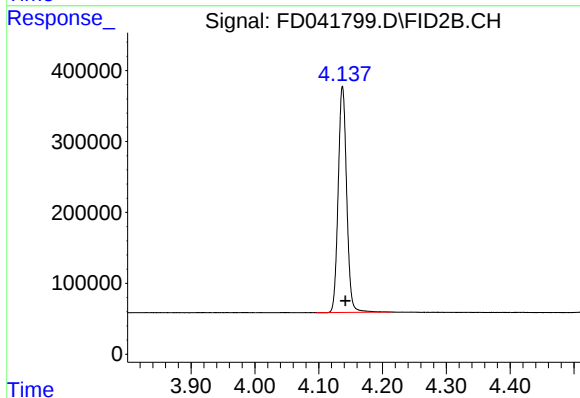
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Signal Info : 20M x 0.18mm x 0.18um





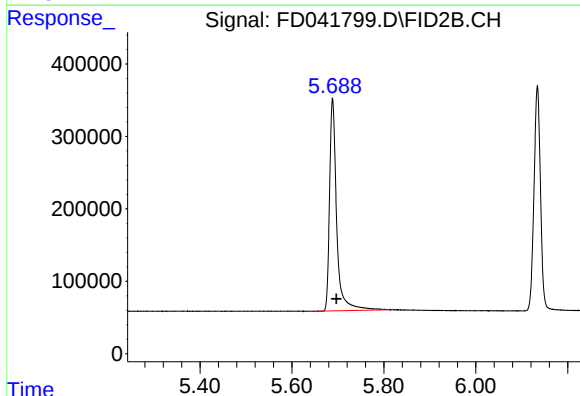
#1 n-Nonane (C9)

R.T.: 3.090 min
Delta R.T.: -0.006 min
Response: 2957206
Conc: 20.10 ug/ml



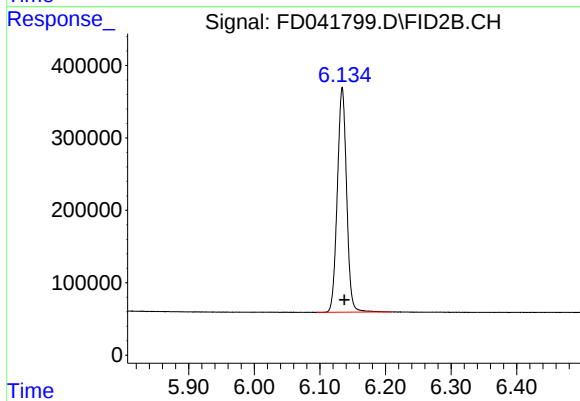
#2 n-Decane (C10)

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 2946253
Conc: 20.18 ug/ml



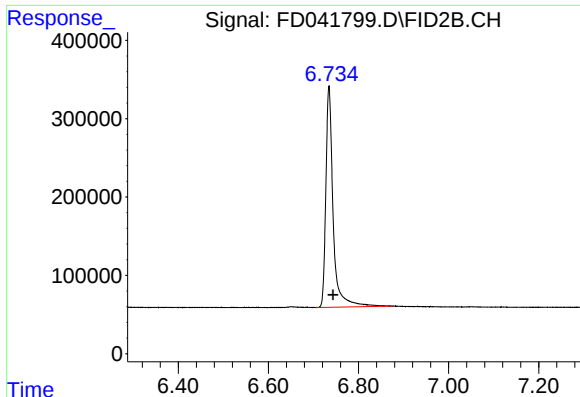
#3 A~Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.008 min
Response: 3153012
Conc: 20.19 ug/ml



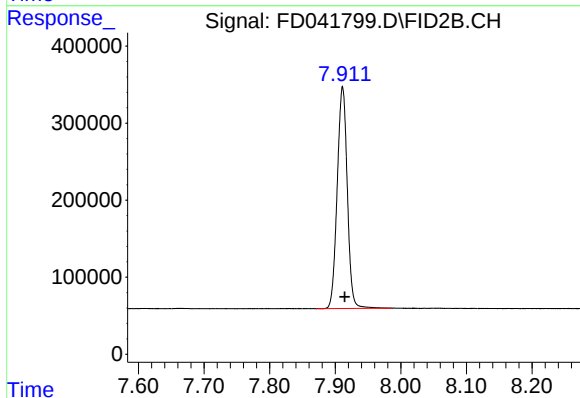
#4 n-Dodecane (C12)

R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 3051101
Conc: 20.26 ug/ml



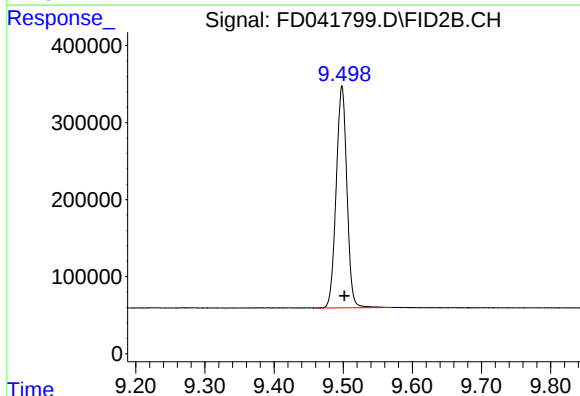
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.009 min
Response: 3177956
Conc: 20.43 ug/ml



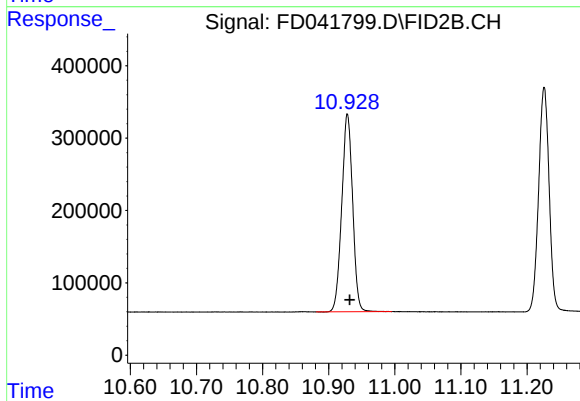
#6 n-Tetradecane (C14)

R.T.: 7.911 min
Delta R.T.: -0.003 min
Response: 3073243
Conc: 20.18 ug/ml



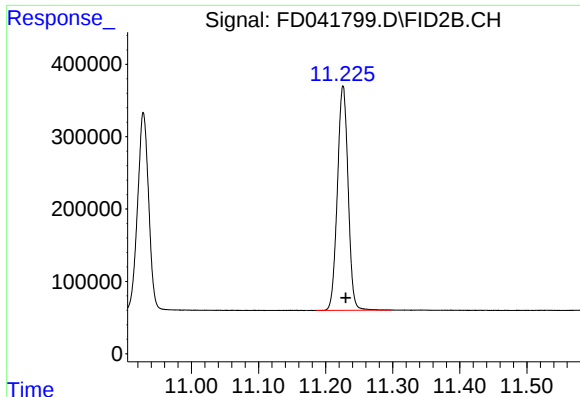
#7 n-Hexadecane (C16)

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 3105648
Conc: 20.14 ug/ml



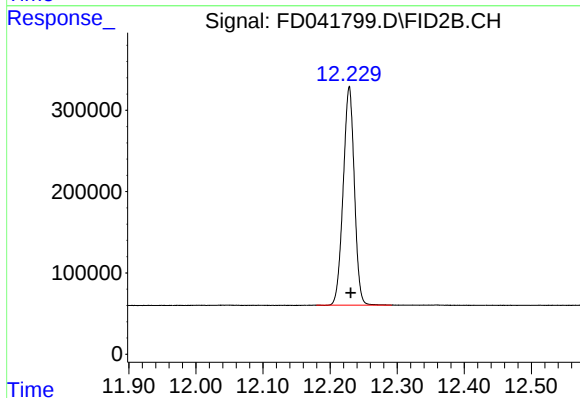
#8 n-Octadecane (C18)

R.T.: 10.928 min
Delta R.T.: -0.003 min
Response: 3129865
Conc: 19.87 ug/ml



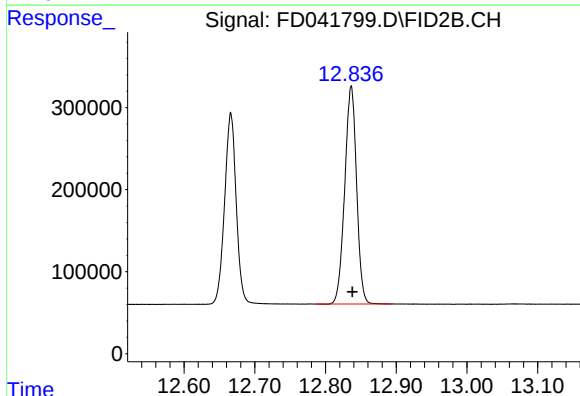
#9 ortho-Terphenyl (SURR)

R.T.: 11.226 min
Delta R.T.: -0.004 min
Response: 3435726
Conc: 19.37 ug/ml



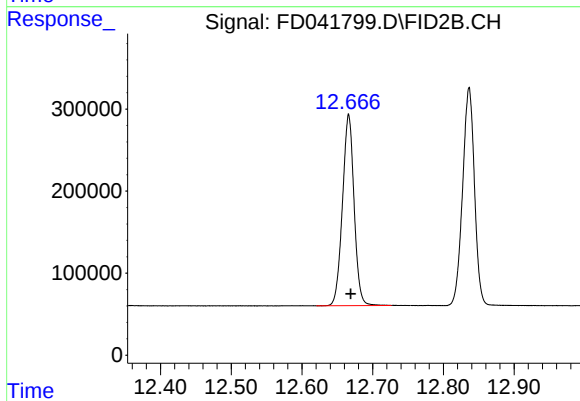
#10 n-Eicosane (C20)

R.T.: 12.229 min
Delta R.T.: -0.002 min
Response: 3111283
Conc: 19.67 ug/ml



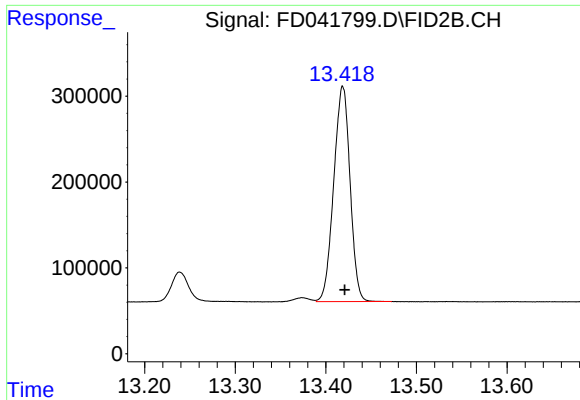
#11 n-Heneicosane (C21)

R.T.: 12.836 min
Delta R.T.: -0.002 min
Response: 3095761
Conc: 19.33 ug/ml



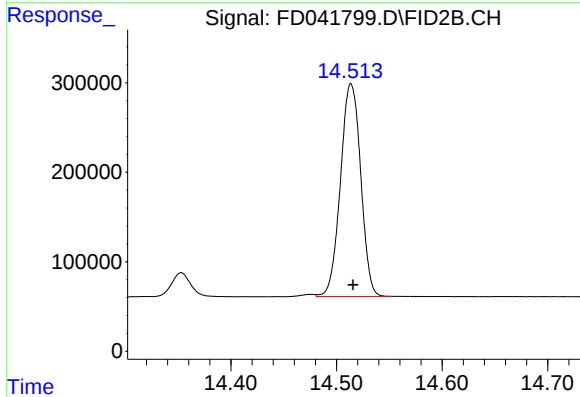
#12 1-chlorooctadecane (SURR)

R.T.: 12.666 min
Delta R.T.: -0.003 min
Response: 2658245
Conc: 19.20 ug/ml



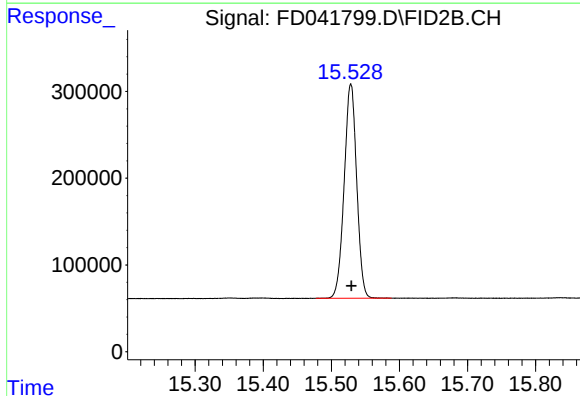
#13 n-Docosane (C22)

R.T.: 13.419 min
Delta R.T.: -0.002 min
Response: 3143652
Conc: 19.57 ug/ml



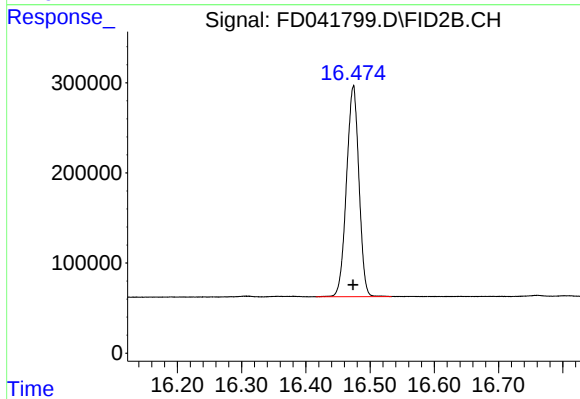
#14 n-Tetracosane (C24)

R.T.: 14.513 min
Delta R.T.: -0.002 min
Response: 3174397
Conc: 19.64 ug/ml m



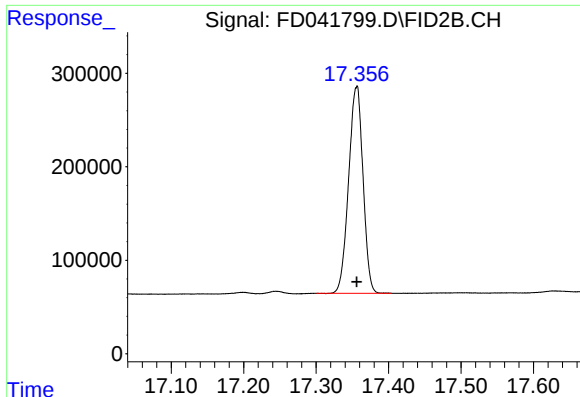
#15 n-Hexacosane (C26)

R.T.: 15.529 min
Delta R.T.: 0.000 min
Response: 3150901
Conc: 19.51 ug/ml



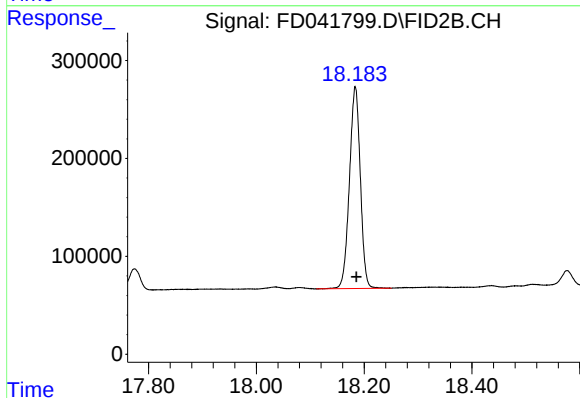
#16 n-Octacosane (C28)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 3138975
Conc: 19.50 ug/ml



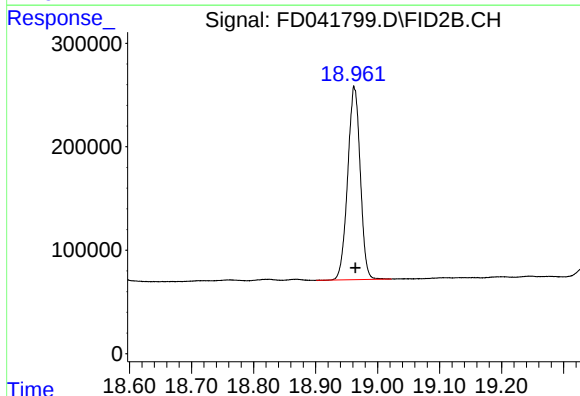
#17 n-Tricontane (C30)

R.T.: 17.356 min
Delta R.T.: 0.000 min
Response: 3056246
Conc: 19.39 ug/ml



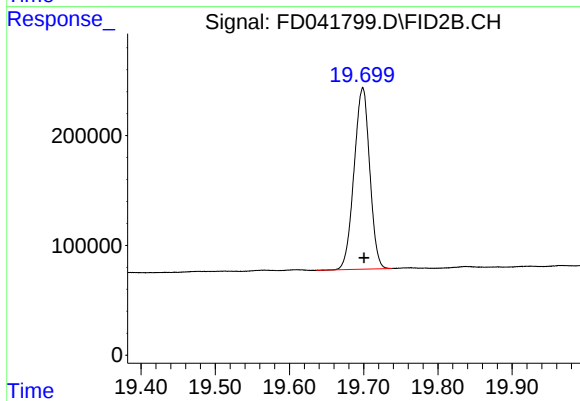
#18 n-Dotriacontane (C32)

R.T.: 18.184 min
Delta R.T.: -0.002 min
Response: 2891820
Conc: 19.49 ug/ml



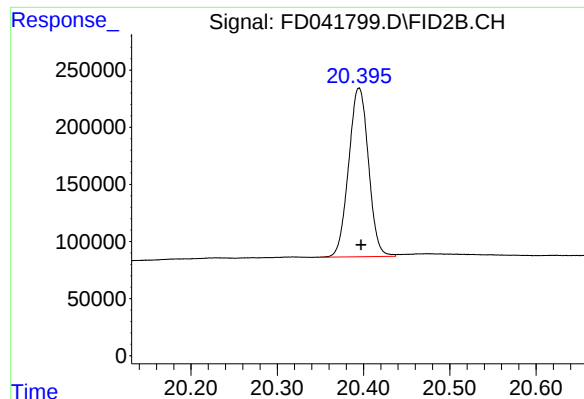
#19 n-Tetratriacontane (C34)

R.T.: 18.963 min
Delta R.T.: -0.002 min
Response: 2629249
Conc: 19.62 ug/ml



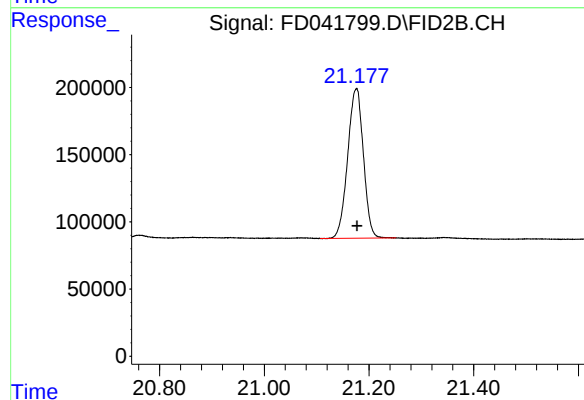
#20 n-Hexatriacontane (C36)

R.T.: 19.699 min
Delta R.T.: -0.002 min
Response: 2419691
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.395 min
Delta R.T.: -0.002 min
Response: 2356530
Conc: 21.29 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 2317206
Conc: 21.52 ug/ml