

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063021AL\
 Data File : FD038054.D
 Signal(s) : FID2B.CH
 Acq On : 30 Jun 2021 15:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 01 02:14:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 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)	11.421	2872470	20.240 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	12.856	2192593	19.666 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.238	2700035	22.332 ug/ml
2) T n-Decane (C10)	4.294	2740643	22.359 ug/ml
3) T A~Naphthalene (C11.7)	5.863	2984219	22.129 ug/ml
4) T n-Dodecane (C12)	6.299	2779684	22.642 ug/ml
5) T A~2-methylnaphthalene...	6.913	2981113	22.016 ug/ml
6) T n-Tetradecane (C14)	8.085	2800741	22.319 ug/ml
7) T n-Hexadecane (C16)	9.677	2761996	21.580 ug/ml
8) T n-Octadecane (C18)	11.112	2769294	20.957 ug/ml
10) T n-Eicosane (C20)	12.415	2675130	20.269 ug/ml
11) T n-Heneicosane (C21)	13.023	2650660	19.975 ug/ml
13) T n-Docosane (C22)	13.606	2619958	19.983 ug/ml
14) T n-Tetracosane (C24)	14.704	2616786	20.053 ug/ml
15) T n-Hexacosane (C26)	15.720	2480960	19.547 ug/ml
16) T n-Octacosane (C28)	16.665	2415562	19.467 ug/ml
17) T n-Tricontane (C30)	17.547	2343003	19.472 ug/ml
18) T n-Dotriacontane (C32)	18.377	2249034	19.649 ug/ml
19) T n-Tetratriacontane (C34)	19.156	2176121	20.133 ug/ml
20) T n-Hexatriacontane (C36)	19.892	2075869	20.787 ug/ml
21) T n-Octatriacontane (C38)	20.597	1981022	21.567 ug/ml
22) T n-Tetracontane (C40)	21.426	1998473	21.010 ug/ml

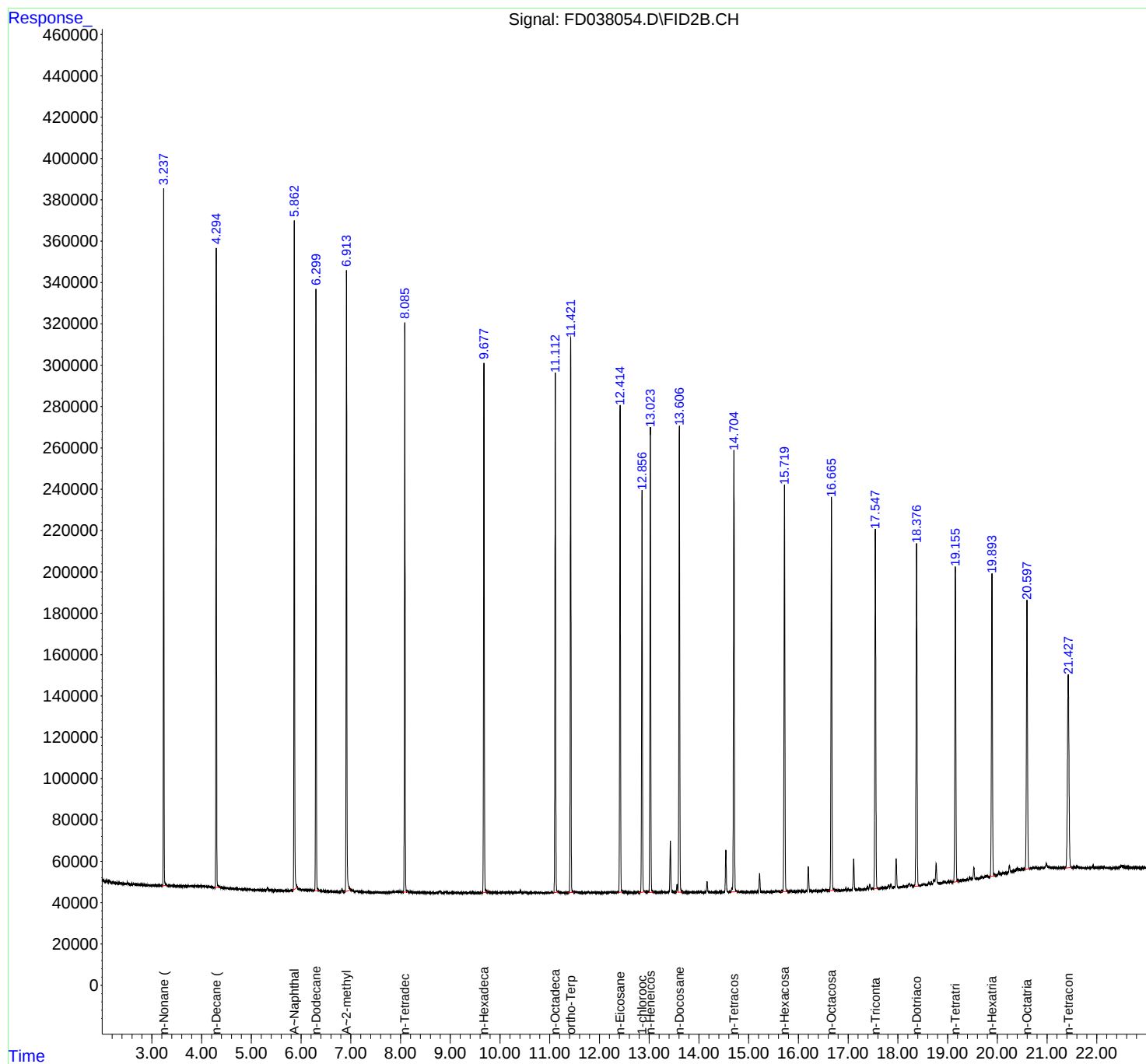
(f)=RT Delta > 1/2 Window

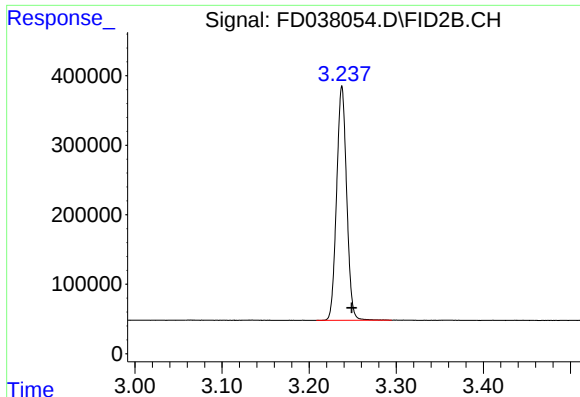
(m)=manual int.

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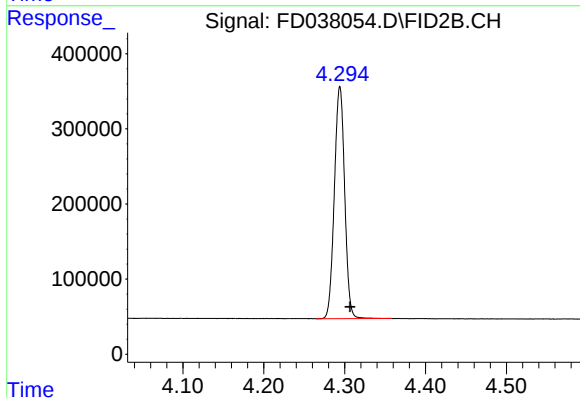
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Signal Info : 20M x 0.18mm x 0.18um





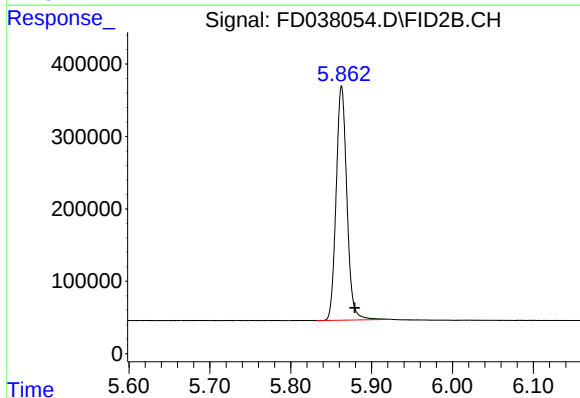
#1 n-Nonane (C9)

R.T.: 3.238 min
Delta R.T.: -0.011 min
Response: 2700035
Conc: 22.33 ug/ml



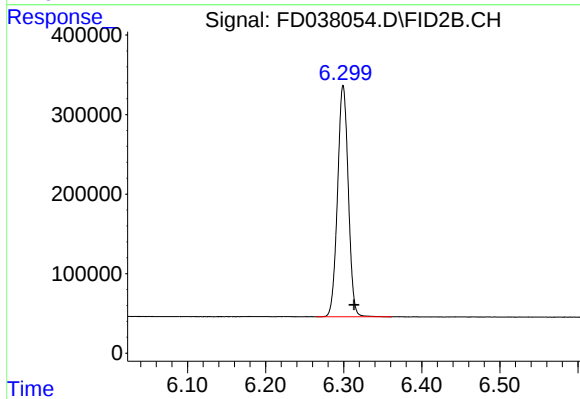
#2 n-Decane (C10)

R.T.: 4.294 min
Delta R.T.: -0.013 min
Response: 2740643
Conc: 22.36 ug/ml



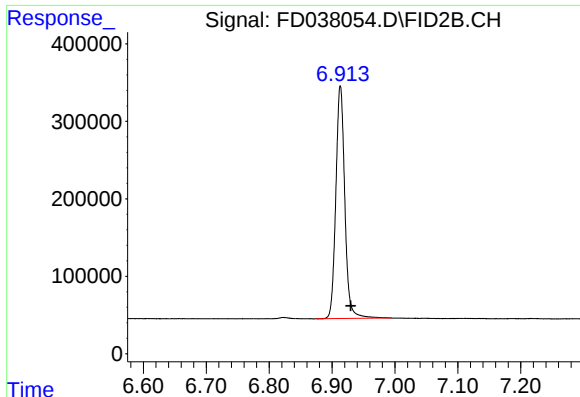
#3 A~Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.016 min
Response: 2984219
Conc: 22.13 ug/ml



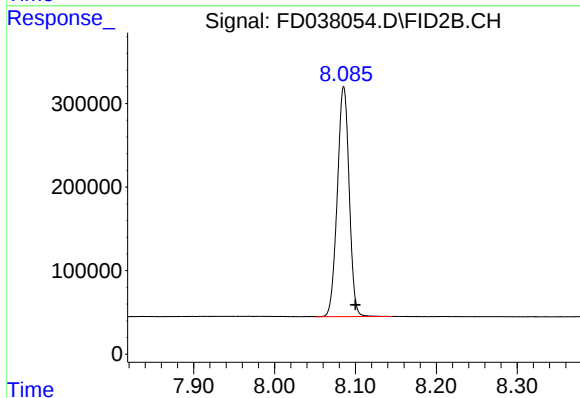
#4 n-Dodecane (C12)

R.T.: 6.299 min
Delta R.T.: -0.014 min
Response: 2779684
Conc: 22.64 ug/ml



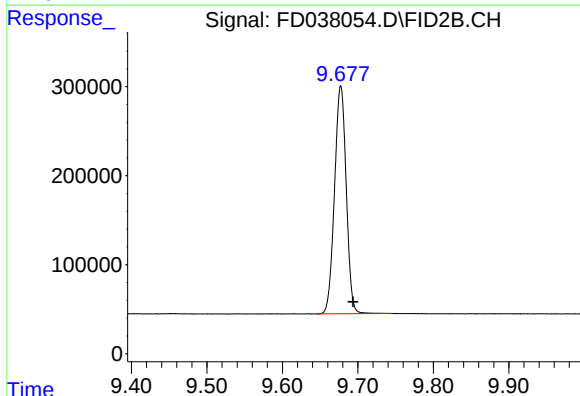
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.016 min
Response: 2981113
Conc: 22.02 ug/ml



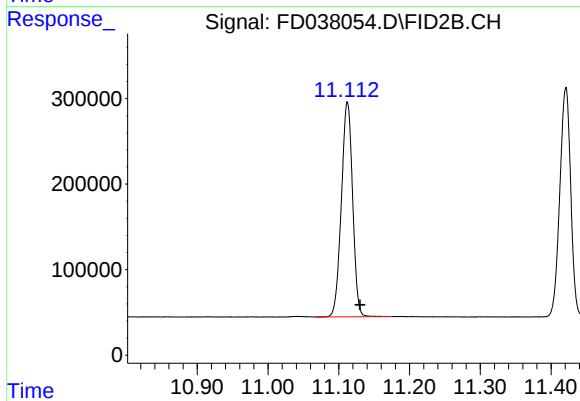
#6 n-Tetradecane (C14)

R.T.: 8.085 min
Delta R.T.: -0.015 min
Response: 2800741
Conc: 22.32 ug/ml



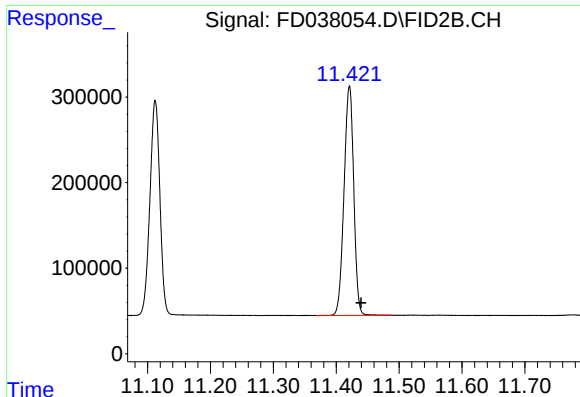
#7 n-Hexadecane (C16)

R.T.: 9.677 min
Delta R.T.: -0.016 min
Response: 2761996
Conc: 21.58 ug/ml



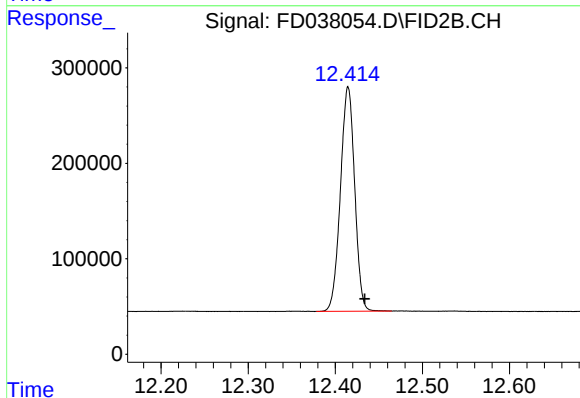
#8 n-Octadecane (C18)

R.T.: 11.112 min
Delta R.T.: -0.018 min
Response: 2769294
Conc: 20.96 ug/ml



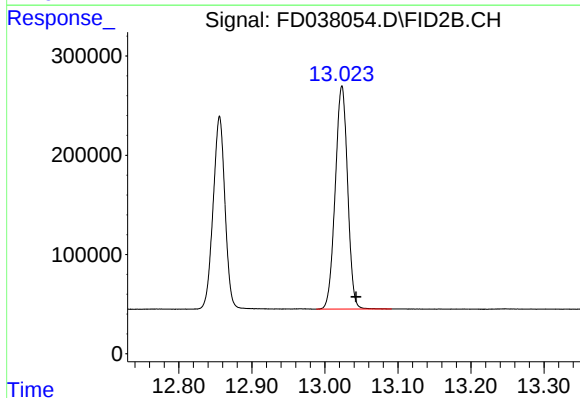
#9 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: -0.019 min
Response: 2872470
Conc: 20.24 ug/ml



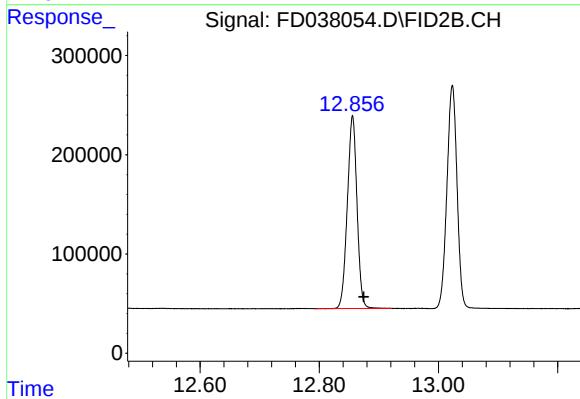
#10 n-Eicosane (C20)

R.T.: 12.415 min
Delta R.T.: -0.019 min
Response: 2675130
Conc: 20.27 ug/ml



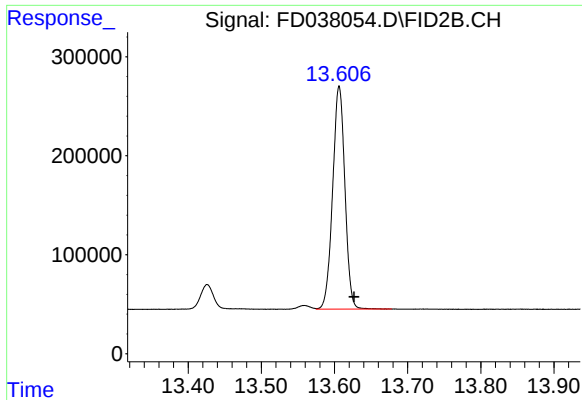
#11 n-Heneicosane (C21)

R.T.: 13.023 min
Delta R.T.: -0.019 min
Response: 2650660
Conc: 19.97 ug/ml



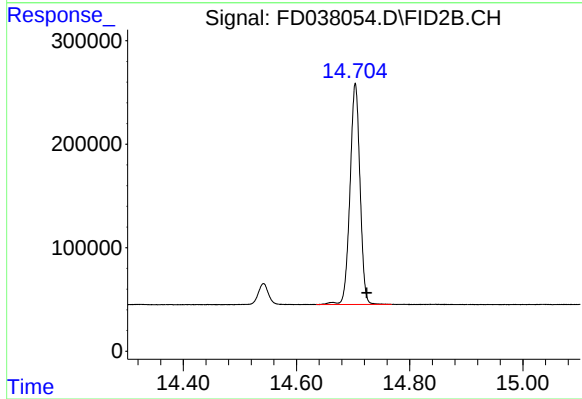
#12 1-chlorooctadecane (SURR)

R.T.: 12.856 min
Delta R.T.: -0.019 min
Response: 2192593
Conc: 19.67 ug/ml



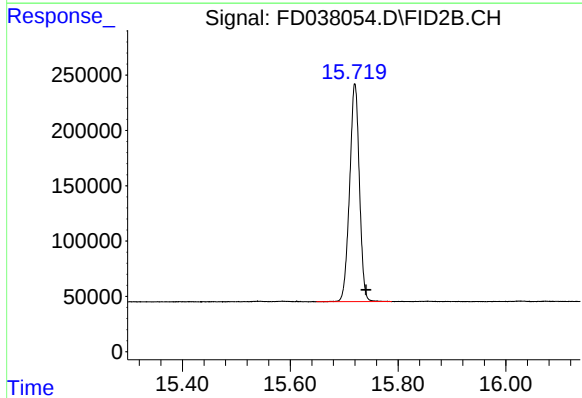
#13 n-Docosane (C22)

R.T.: 13.606 min
Delta R.T.: -0.020 min
Response: 2619958
Conc: 19.98 ug/ml



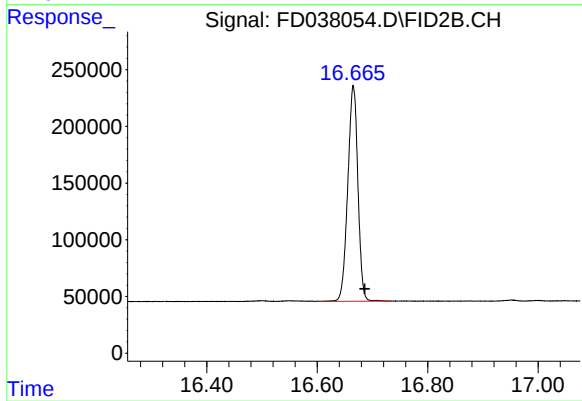
#14 n-Tetracosane (C24)

R.T.: 14.704 min
Delta R.T.: -0.020 min
Response: 2616786
Conc: 20.05 ug/ml



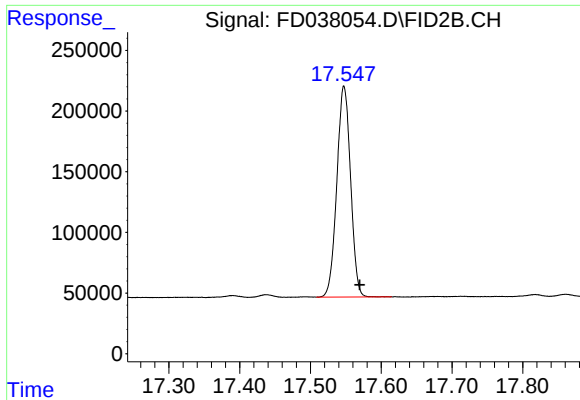
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: -0.021 min
Response: 2480960
Conc: 19.55 ug/ml



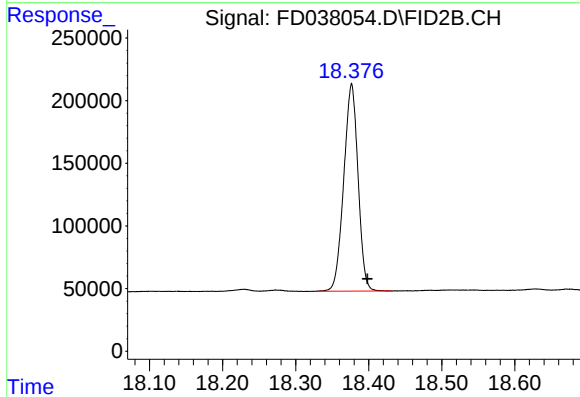
#16 n-Octacosane (C28)

R.T.: 16.665 min
Delta R.T.: -0.021 min
Response: 2415562
Conc: 19.47 ug/ml



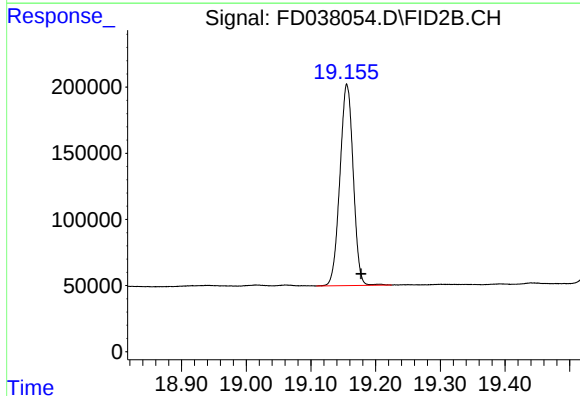
#17 n-Tricontane (C30)

R.T.: 17.547 min
Delta R.T.: -0.022 min
Response: 2343003
Conc: 19.47 ug/ml



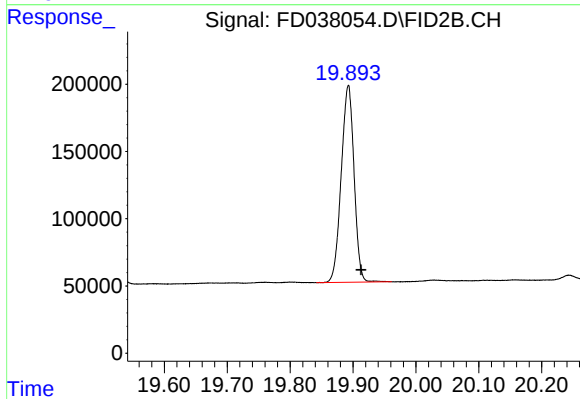
#18 n-Dotriacontane (C32)

R.T.: 18.377 min
Delta R.T.: -0.021 min
Response: 2249034
Conc: 19.65 ug/ml



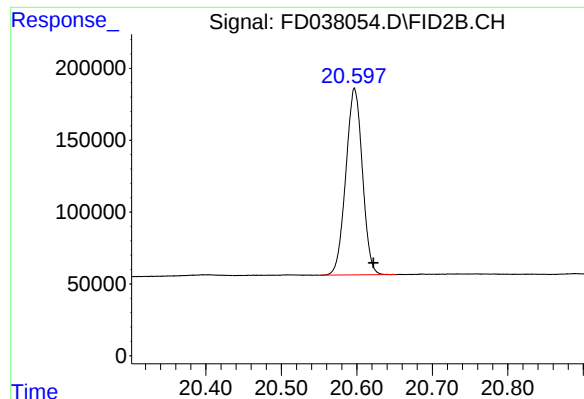
#19 n-Tetratriacontane (C34)

R.T.: 19.156 min
Delta R.T.: -0.022 min
Response: 2176121
Conc: 20.13 ug/ml



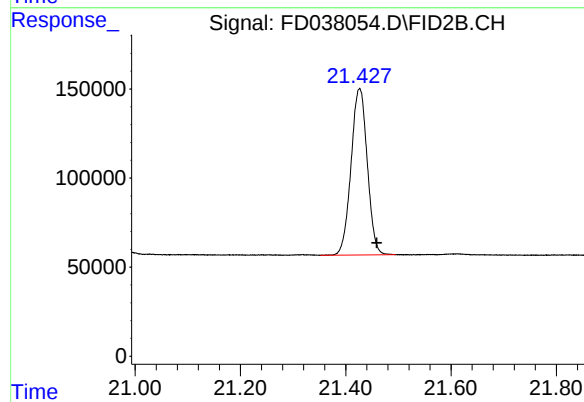
#20 n-Hexatriacontane (C36)

R.T.: 19.892 min
Delta R.T.: -0.020 min
Response: 2075869
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: -0.025 min
Response: 1981022
Conc: 21.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.426 min
Delta R.T.: -0.032 min
Response: 1998473
Conc: 21.01 ug/ml