

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091619AL\
 Data File : FD030717.D
 Signal(s) : FID2B.CH
 Acq On : 17 Sep 2019 8:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 17 11:33:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 2019
 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)	11.488	2848147	19.581 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
12) S 1-chlorooctadecane (S...	12.916	2139884	19.593 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.303	2628518	21.058 ug/ml
2) T n-Decane (C10)	4.362	2664367	21.295 ug/ml
3) T A~Naphthalene (C11.7)	5.936	2972279	21.196 ug/ml
4) T n-Dodecane (C12)	6.367	2694138	21.295 ug/ml
5) T A~2-methylnaphthalene...	6.987	3006387	21.212 ug/ml
6) T n-Tetradecane (C14)	8.152	2692245	21.155 ug/ml
7) T n-Hexadecane (C16)	9.742	2660566	20.844 ug/ml
8) T n-Octadecane (C18)	11.175	2613679	20.389 ug/ml
10) T n-Eicosane (C20)	12.475	2542714	19.952 ug/ml
11) T n-Heneicosane (C21)	13.082	2509114	19.614 ug/ml
13) T n-Docosane (C22)	13.665	2474877	19.430 ug/ml
14) T n-Tetracosane (C24)	14.759	2430852	19.143 ug/ml
15) T n-Hexacosane (C26)	15.772	2339311	18.807 ug/ml
16) T n-Octacosane (C28)	16.715	2422411	19.868 ug/ml
17) T n-Tricontane (C30)	17.594	2278934	19.168 ug/ml
18) T n-Dotriacontane (C32)	18.421	2268001	19.780 ug/ml
19) T n-Tetratriacontane (C34)	19.197	2249122	20.717 ug/ml
20) T n-Hexatriacontane (C36)	19.930	2152719	20.971 ug/mlm
21) T n-Octatriacontane (C38)	20.636	2062280	21.253 ug/mlm
22) T n-Tetracontane (C40)	21.482	2109440	20.572 ug/mlm

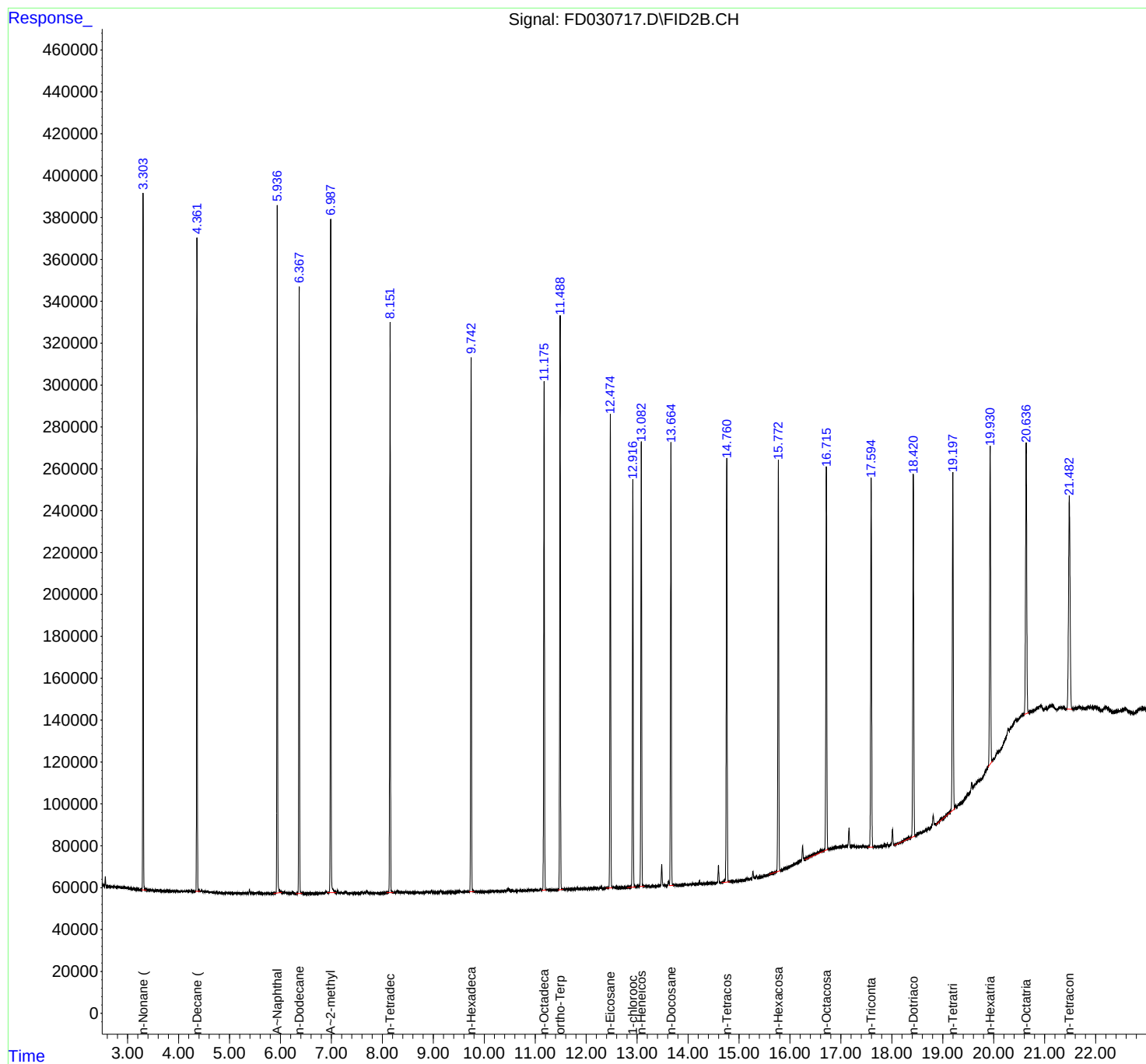
(f)=RT Delta > 1/2 Window

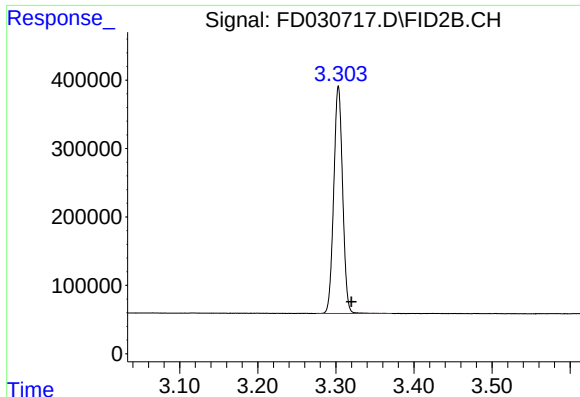
(m)=manual int.

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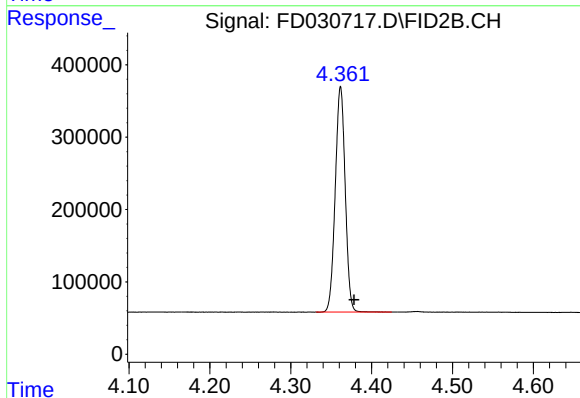
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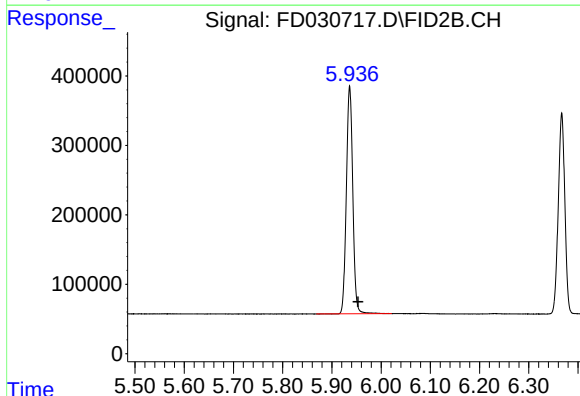
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.017 min
Response: 2628518
Conc: 21.06 ug/ml



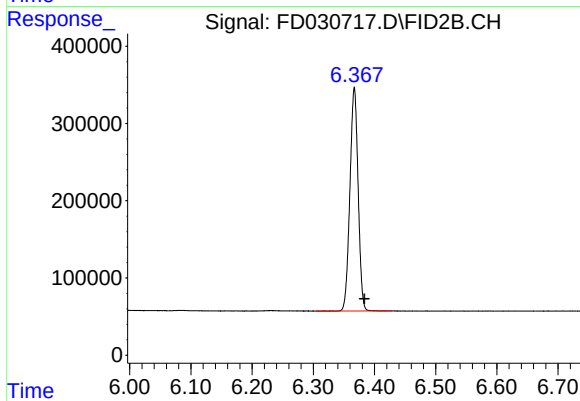
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.017 min
Response: 2664367
Conc: 21.29 ug/ml



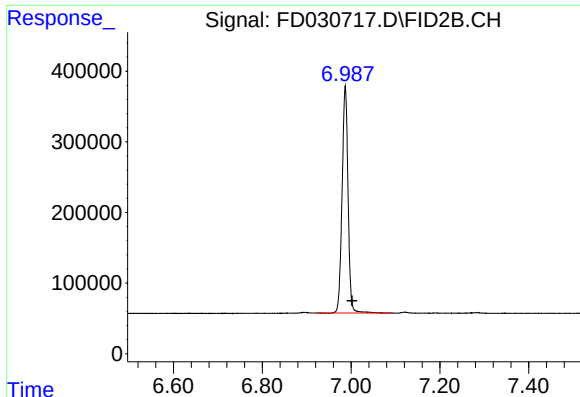
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.017 min
Response: 2972279
Conc: 21.20 ug/ml



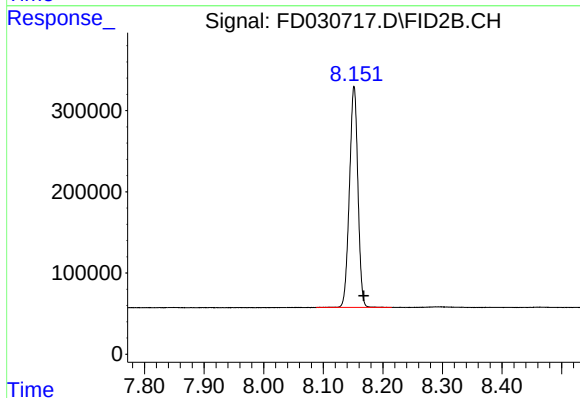
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.016 min
Response: 2694138
Conc: 21.29 ug/ml



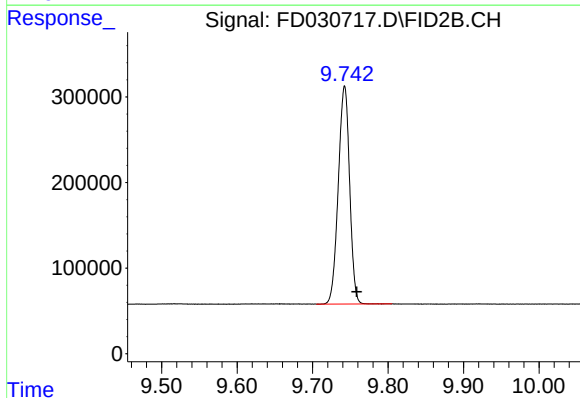
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.015 min
Response: 3006387
Conc: 21.21 ug/ml



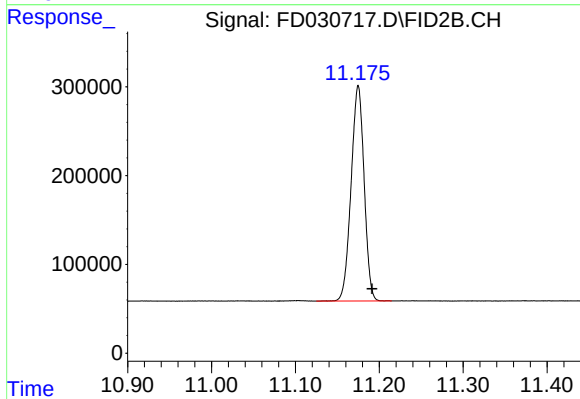
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: -0.016 min
Response: 2692245
Conc: 21.15 ug/ml



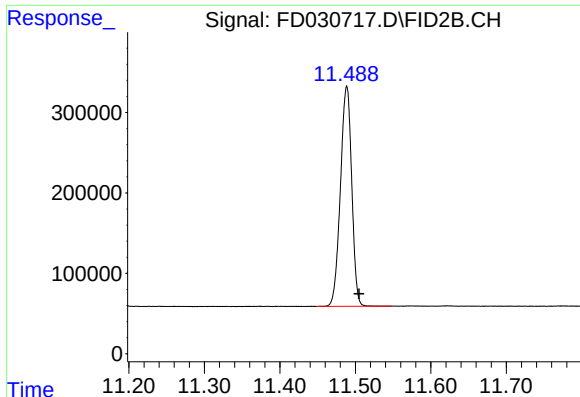
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.016 min
Response: 2660566
Conc: 20.84 ug/ml



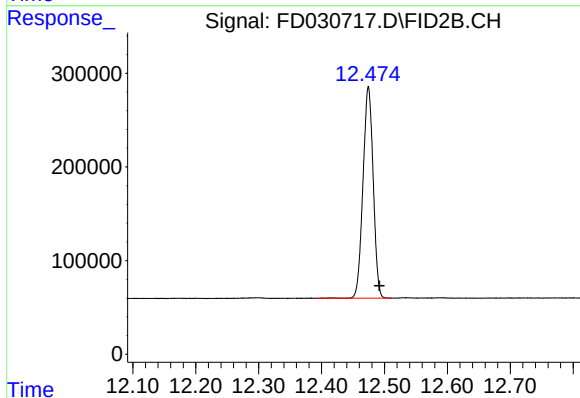
#8 n-Octadecane (C18)

R.T.: 11.175 min
Delta R.T.: -0.017 min
Response: 2613679
Conc: 20.39 ug/ml



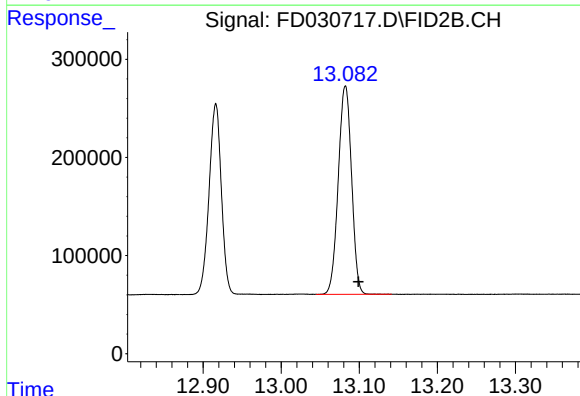
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.017 min
Response: 2848147
Conc: 19.58 ug/ml



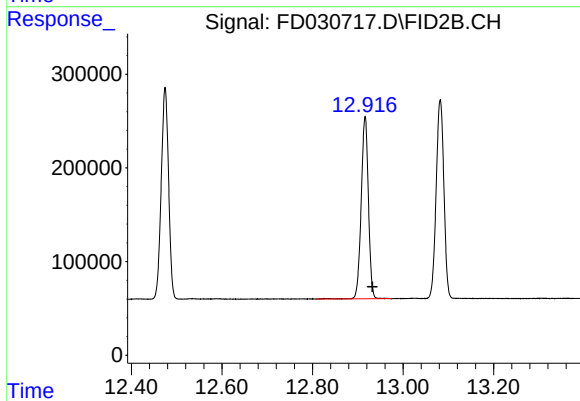
#10 n-Eicosane (C20)

R.T.: 12.475 min
Delta R.T.: -0.017 min
Response: 2542714
Conc: 19.95 ug/ml



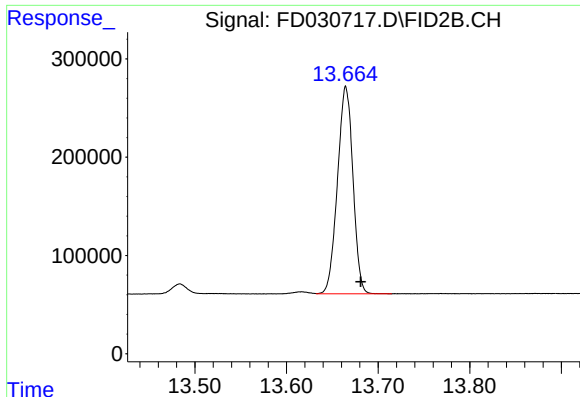
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: -0.017 min
Response: 2509114
Conc: 19.61 ug/ml



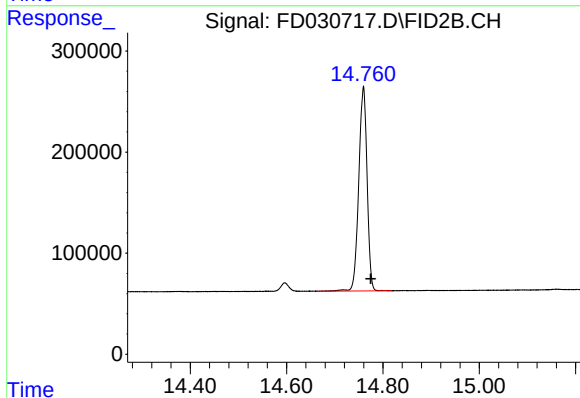
#12 1-chlorooctadecane (SURR)

R.T.: 12.916 min
Delta R.T.: -0.016 min
Response: 2139884
Conc: 19.59 ug/ml



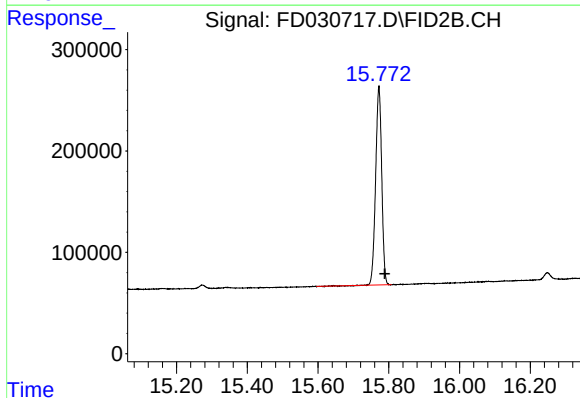
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: -0.016 min
Response: 2474877
Conc: 19.43 ug/ml



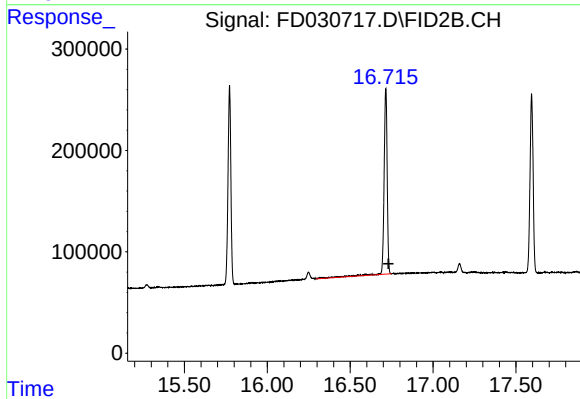
#14 n-Tetracosane (C24)

R.T.: 14.759 min
Delta R.T.: -0.016 min
Response: 2430852
Conc: 19.14 ug/ml



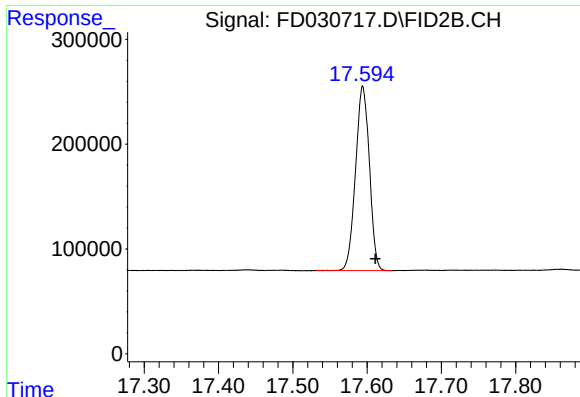
#15 n-Hexacosane (C26)

R.T.: 15.772 min
Delta R.T.: -0.017 min
Response: 2339311
Conc: 18.81 ug/ml



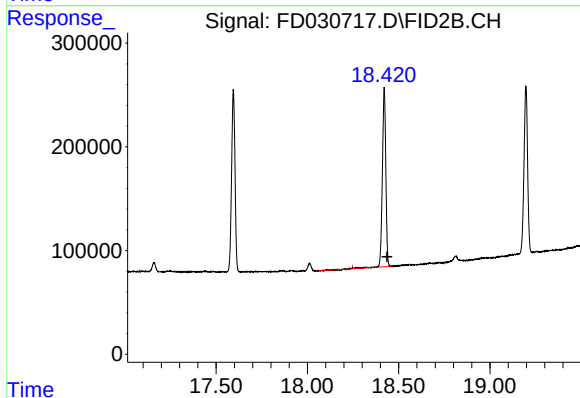
#16 n-Octacosane (C28)

R.T.: 16.715 min
Delta R.T.: -0.016 min
Response: 2422411
Conc: 19.87 ug/ml



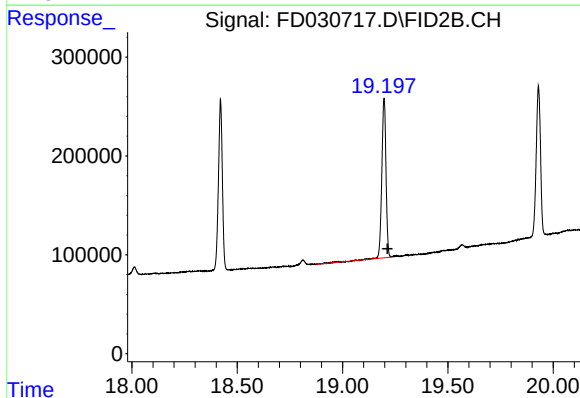
#17 n-Tricontane (C30)

R.T.: 17.594 min
Delta R.T.: -0.017 min
Response: 2278934
Conc: 19.17 ug/ml



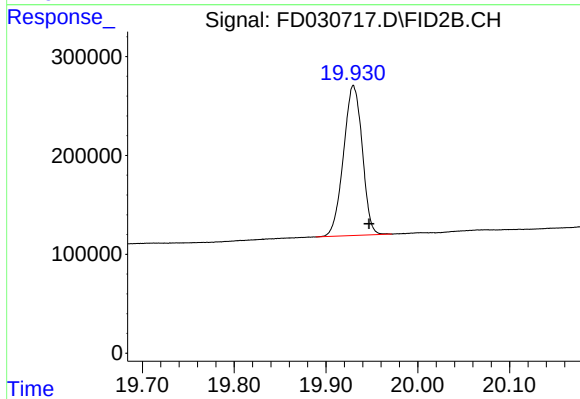
#18 n-Dotriacontane (C32)

R.T.: 18.421 min
Delta R.T.: -0.015 min
Response: 2268001
Conc: 19.78 ug/ml



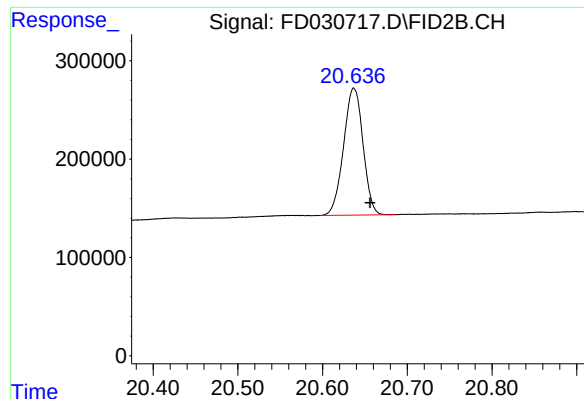
#19 n-Tetratriacontane (C34)

R.T.: 19.197 min
Delta R.T.: -0.015 min
Response: 2249122
Conc: 20.72 ug/ml



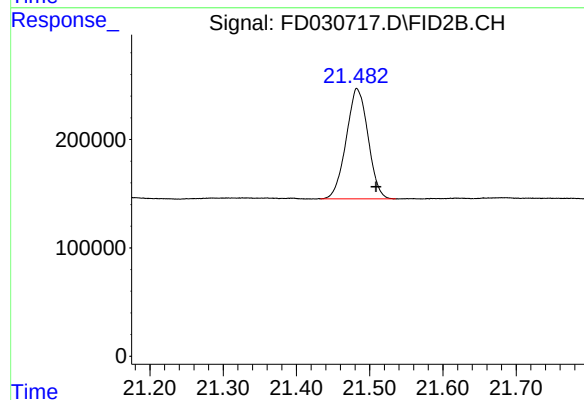
#20 n-Hexatriacontane (C36)

R.T.: 19.930 min
Delta R.T.: -0.017 min
Response: 2152719
Conc: 20.97 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.636 min
Delta R.T.: -0.020 min
Response: 2062280
Conc: 21.25 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.482 min
Delta R.T.: -0.027 min
Response: 2109440
Conc: 20.57 ug/ml m