

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040169.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2021 13:44
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 21:37:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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)	10.726	3291130	21.837 ug/ml
Spiked Amount 50.000		Recovery =	43.67%
12) S 1-chlorooctadecane (S...	12.162	2581397	21.863 ug/ml
Spiked Amount 50.000		Recovery =	43.73%
Target Compounds			
1) T n-Nonane (C9)	2.644	2795540	21.281 ug/ml
2) T n-Decane (C10)	3.640	2831038	21.391 ug/ml
3) T A~Naphthalene (C11.7)	5.182	3232207	21.728 ug/ml
4) T n-Dodecane (C12)	5.617	2856496	21.726 ug/ml
5) T A~2-methylnaphthalene...	6.225	3277199	21.999 ug/ml
6) T n-Tetradecane (C14)	7.397	2920996	22.171 ug/ml
7) T n-Hexadecane (C16)	8.987	2987955	22.426 ug/ml
8) T n-Octadecane (C18)	10.421	3101009	22.278 ug/ml
10) T n-Eicosane (C20)	11.722	3085284	22.021 ug/ml
11) T n-Heneicosane (C21)	12.331	3077511	21.660 ug/ml
13) T n-Docosane (C22)	12.915	3093349	21.839 ug/ml
14) T n-Tetracosane (C24)	14.012	3142314	22.035 ug/ml
15) T n-Hexacosane (C26)	15.028	3041020	22.389 ug/ml
16) T n-Octacosane (C28)	15.974	2921559	22.756 ug/ml
17) T n-Tricontane (C30)	16.857	2781709	23.163 ug/ml
18) T n-Dotriacontane (C32)	17.686	2582197	22.913 ug/ml
19) T n-Tetratriacontane (C34)	18.468	2494512	22.821 ug/ml
20) T n-Hexatriacontane (C36)	19.205	2286488	22.318 ug/ml
21) T n-Octatriacontane (C38)	19.914	2164624	22.574 ug/ml
22) T n-Tetracontane (C40)	20.751	2129261	27.388 ug/mlm

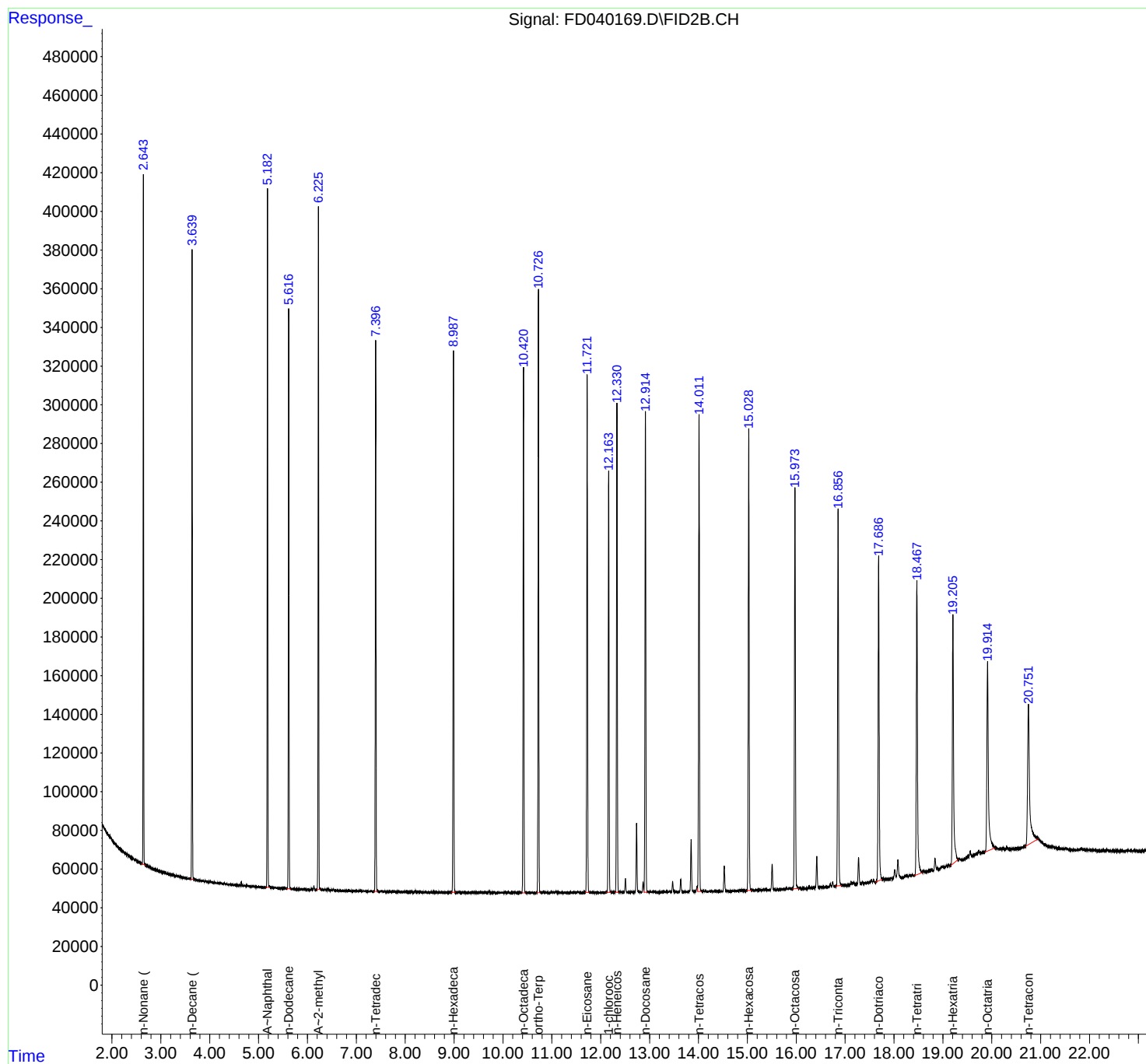
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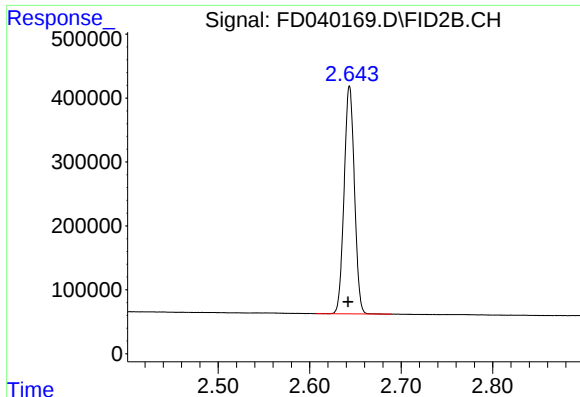
(m)=manual int.

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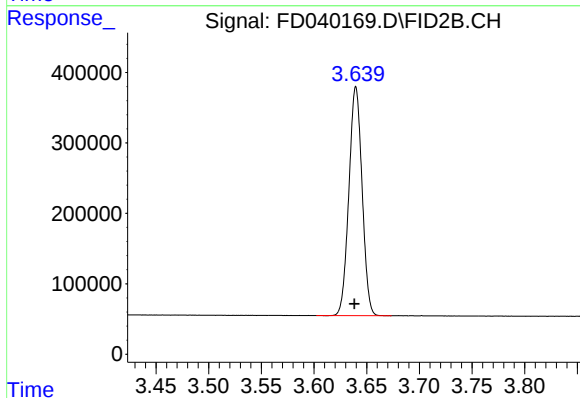
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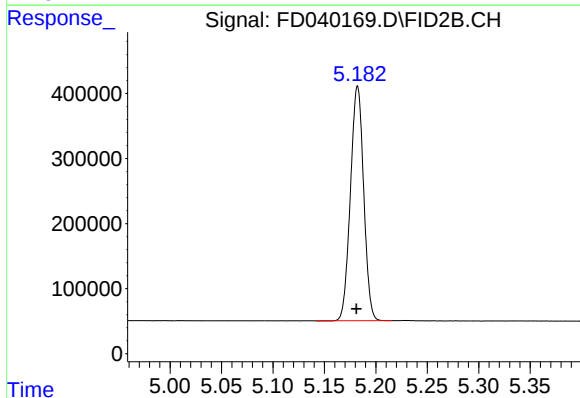
#1 n-Nonane (C9)

R.T.: 2.644 min
Delta R.T.: 0.002 min
Response: 2795540
Conc: 21.28 ug/ml



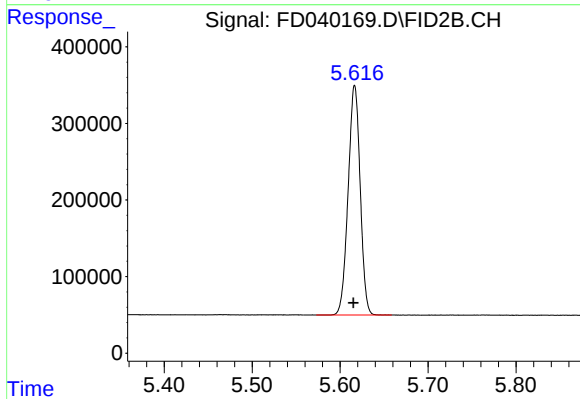
#2 n-Decane (C10)

R.T.: 3.640 min
Delta R.T.: 0.001 min
Response: 2831038
Conc: 21.39 ug/ml



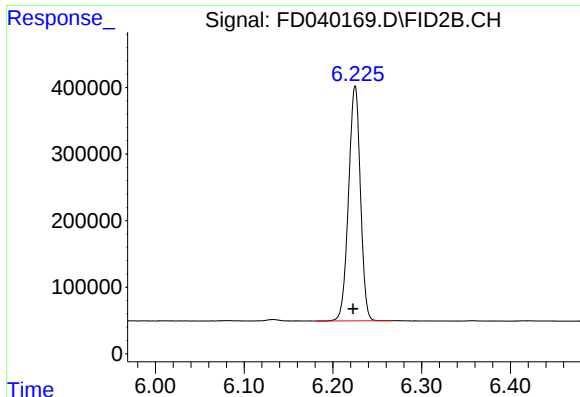
#3 A~Naphthalene (C11.7)

R.T.: 5.182 min
Delta R.T.: 0.001 min
Response: 3232207
Conc: 21.73 ug/ml



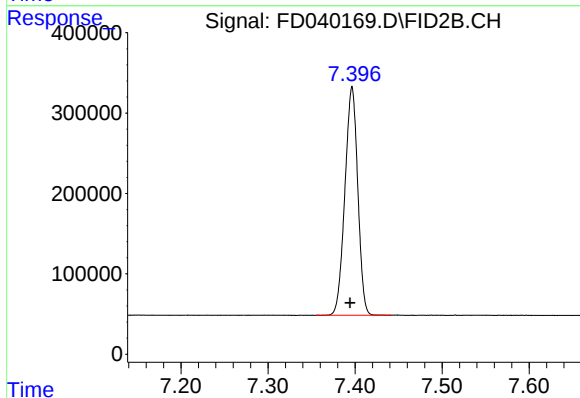
#4 n-Dodecane (C12)

R.T.: 5.617 min
Delta R.T.: 0.002 min
Response: 2856496
Conc: 21.73 ug/ml



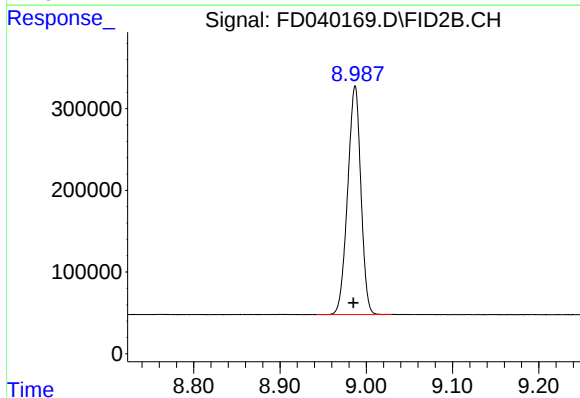
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.225 min
Delta R.T.: 0.002 min
Response: 3277199
Conc: 22.00 ug/ml



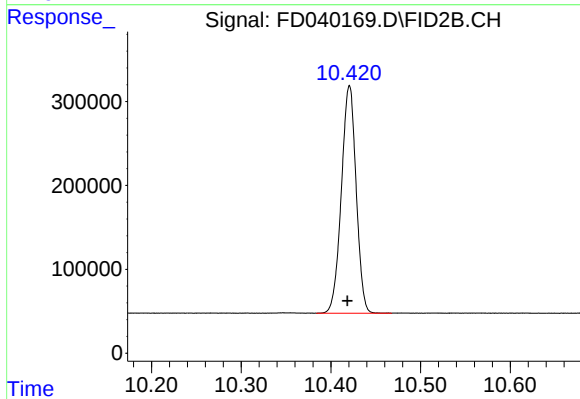
#6 n-Tetradecane (C14)

R.T.: 7.397 min
Delta R.T.: 0.002 min
Response: 2920996
Conc: 22.17 ug/ml



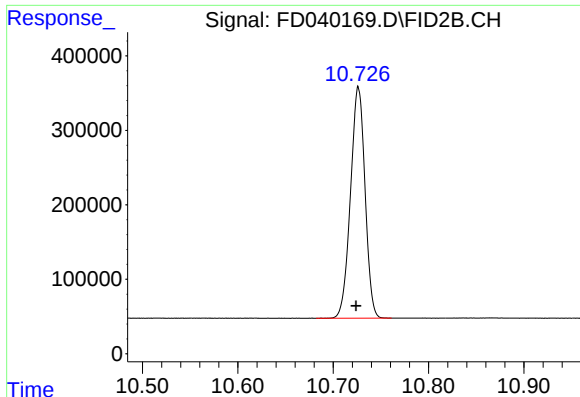
#7 n-Hexadecane (C16)

R.T.: 8.987 min
Delta R.T.: 0.002 min
Response: 2987955
Conc: 22.43 ug/ml



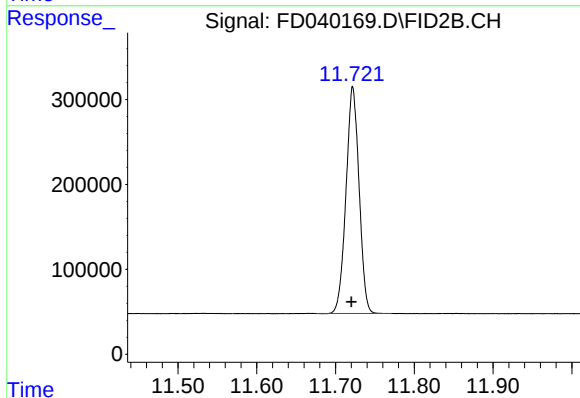
#8 n-Octadecane (C18)

R.T.: 10.421 min
Delta R.T.: 0.002 min
Response: 3101009
Conc: 22.28 ug/ml



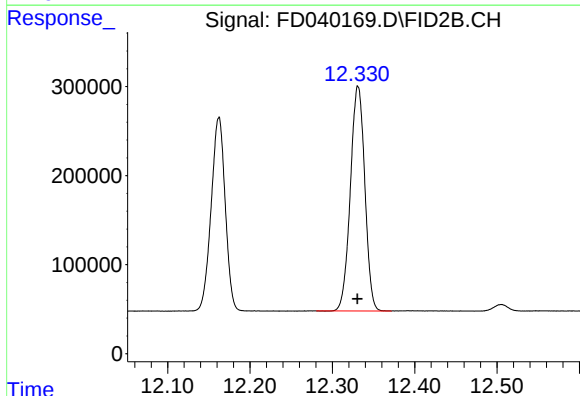
#9 ortho-Terphenyl (SURR)

R.T.: 10.726 min
Delta R.T.: 0.003 min
Response: 3291130
Conc: 21.84 ug/ml



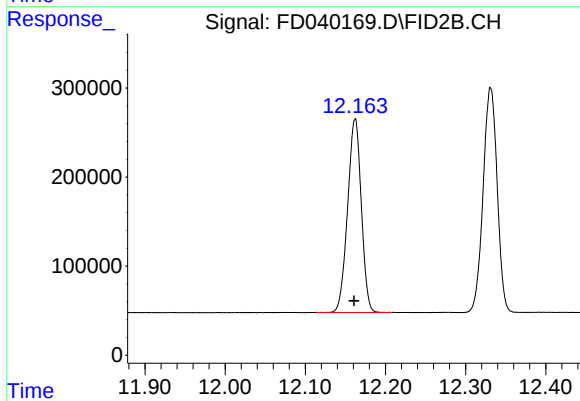
#10 n-Eicosane (C20)

R.T.: 11.722 min
Delta R.T.: 0.002 min
Response: 3085284
Conc: 22.02 ug/ml



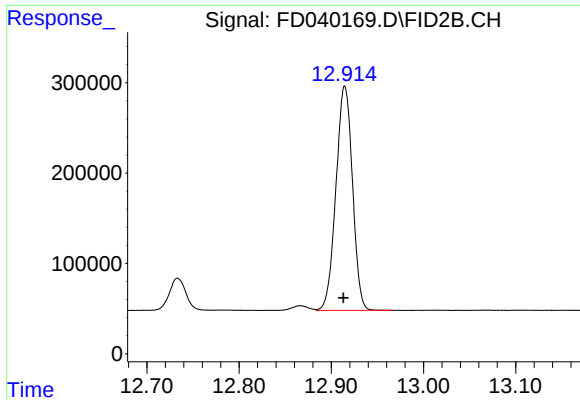
#11 n-Heneicosane (C21)

R.T.: 12.331 min
Delta R.T.: 0.000 min
Response: 3077511
Conc: 21.66 ug/ml



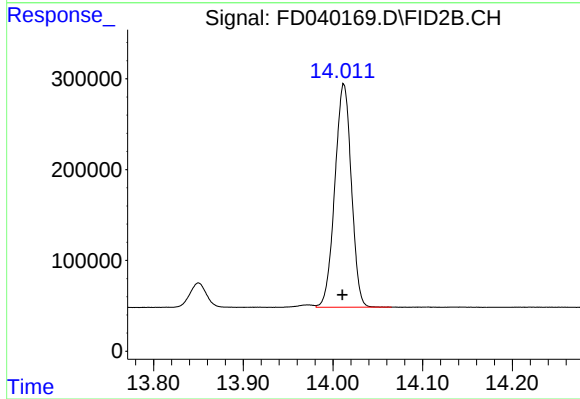
#12 1-chlorooctadecane (SURR)

R.T.: 12.162 min
Delta R.T.: 0.001 min
Response: 2581397
Conc: 21.86 ug/ml



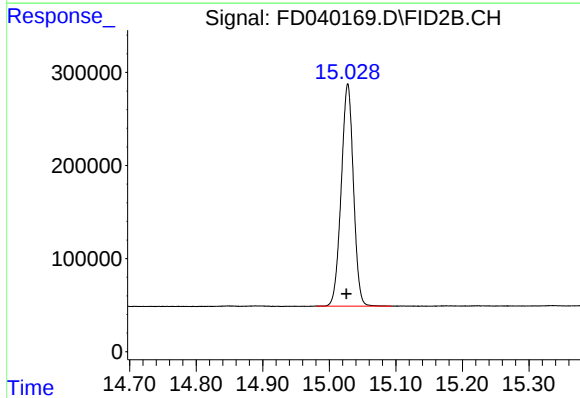
#13 n-Docosane (C22)

R.T.: 12.915 min
Delta R.T.: 0.001 min
Response: 3093349
Conc: 21.84 ug/ml



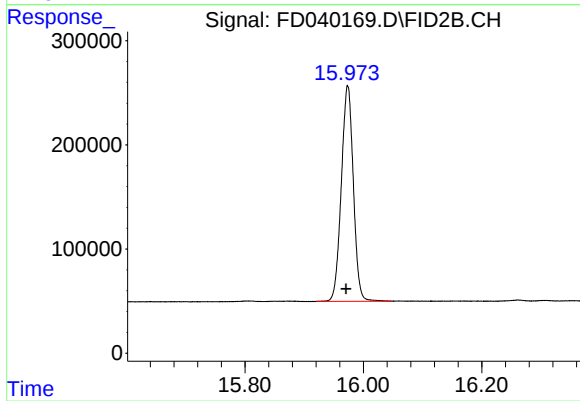
#14 n-Tetracosane (C24)

R.T.: 14.012 min
Delta R.T.: 0.002 min
Response: 3142314
Conc: 22.04 ug/ml



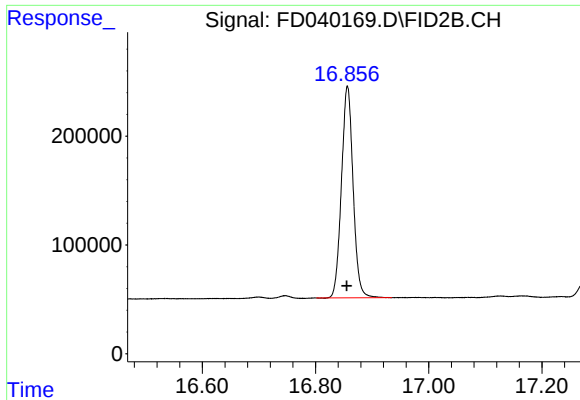
#15 n-Hexacosane (C26)

R.T.: 15.028 min
Delta R.T.: 0.002 min
Response: 3041020
Conc: 22.39 ug/ml



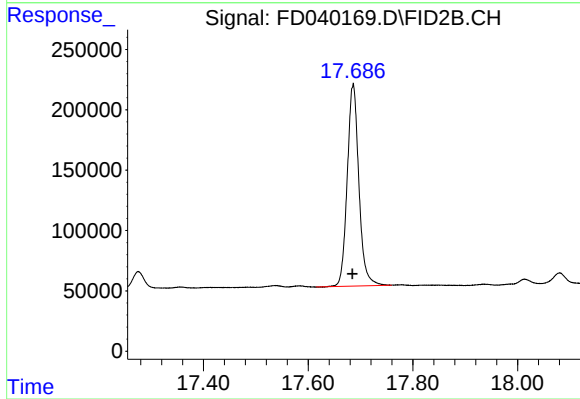
#16 n-Octacosane (C28)

R.T.: 15.974 min
Delta R.T.: 0.003 min
Response: 2921559
Conc: 22.76 ug/ml



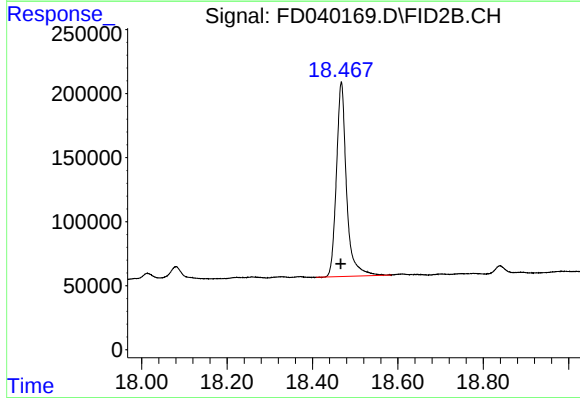
#17 n-Tricontane (C30)

R.T.: 16.857 min
Delta R.T.: 0.001 min
Response: 2781709
Conc: 23.16 ug/ml



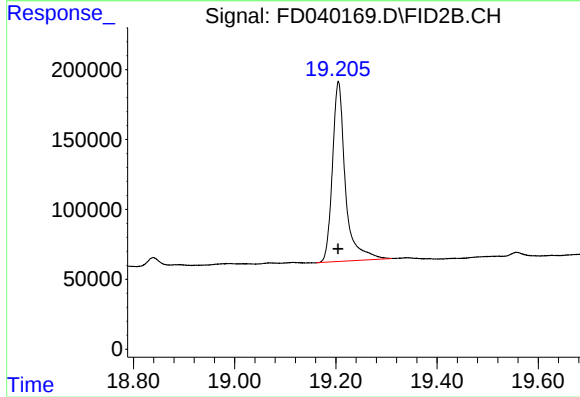
#18 n-Dotriacontane (C32)

R.T.: 17.686 min
Delta R.T.: 0.001 min
Response: 2582197
Conc: 22.91 ug/ml



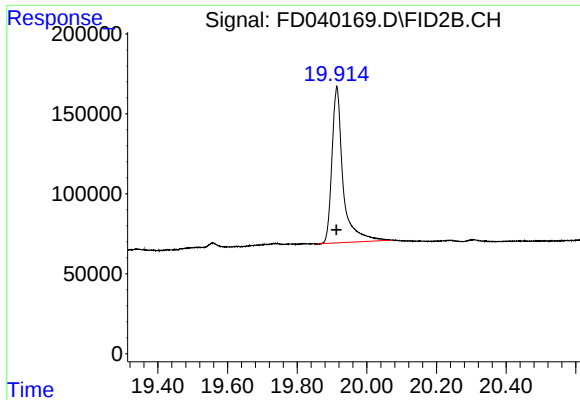
#19 n-Tetratriacontane (C34)

R.T.: 18.468 min
Delta R.T.: 0.002 min
Response: 2494512
Conc: 22.82 ug/ml



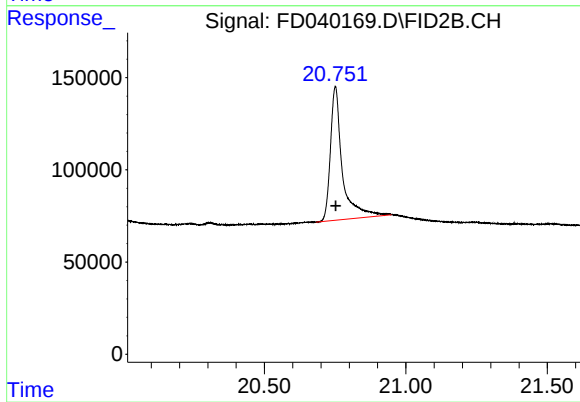
#20 n-Hexatriacontane (C36)

R.T.: 19.205 min
Delta R.T.: 0.000 min
Response: 2286488
Conc: 22.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.914 min
Delta R.T.: 0.001 min
Response: 2164624
Conc: 22.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.751 min
Delta R.T.: -0.001 min
Response: 2129261
Conc: 27.39 ug/ml m