

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AL\
 Data File : FD040053.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2021 17:24
 Operator : AJ\MA
 Sample : M5146-01MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 00:44:31 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)	10.746	3019558	19.234 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	12.181	2427952	19.661 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	2.659	4778961	33.960 ug/ml
2) T n-Decane (C10)	3.657	5333756	37.396 ug/ml
3) T A~Naphthalene (C11.7)	5.201	6398073	39.857 ug/ml
4) T n-Dodecane (C12)	5.634	5738697	40.192 ug/ml
5) T A~2-methylnaphthalene...	6.245	6486475	40.194 ug/ml
6) T n-Tetradecane (C14)	7.416	6219896	43.155 ug/ml
7) T n-Hexadecane (C16)	9.006	6732976	46.282 ug/ml
8) T n-Octadecane (C18)	10.440	6848258	46.022 ug/ml
10) T n-Eicosane (C20)	11.745	6770626	46.294 ug/mlm
11) T n-Heneicosane (C21)	12.354	6538552	44.504 ug/ml
13) T n-Docosane (C22)	12.938	6452656	44.188 ug/ml
14) T n-Tetracosane (C24)	14.037	6221724	42.719 ug/ml
15) T n-Hexacosane (C26)	15.054	5973516	42.590 ug/ml
16) T n-Octacosane (C28)	15.999	5777300	42.597 ug/ml
17) T n-Tricontane (C30)	16.884	5560451	42.552 ug/ml
18) T n-Dotriacontane (C32)	17.714	5273852	42.375 ug/ml
19) T n-Tetratriacontane (C34)	18.495	4901524	40.582 ug/ml
20) T n-Hexatriacontane (C36)	19.234	4201851	36.537 ug/ml
21) T n-Octatriacontane (C38)	19.945	4043438	36.224 ug/ml
22) T n-Tetracontane (C40)	20.793	4151019	36.430 ug/ml

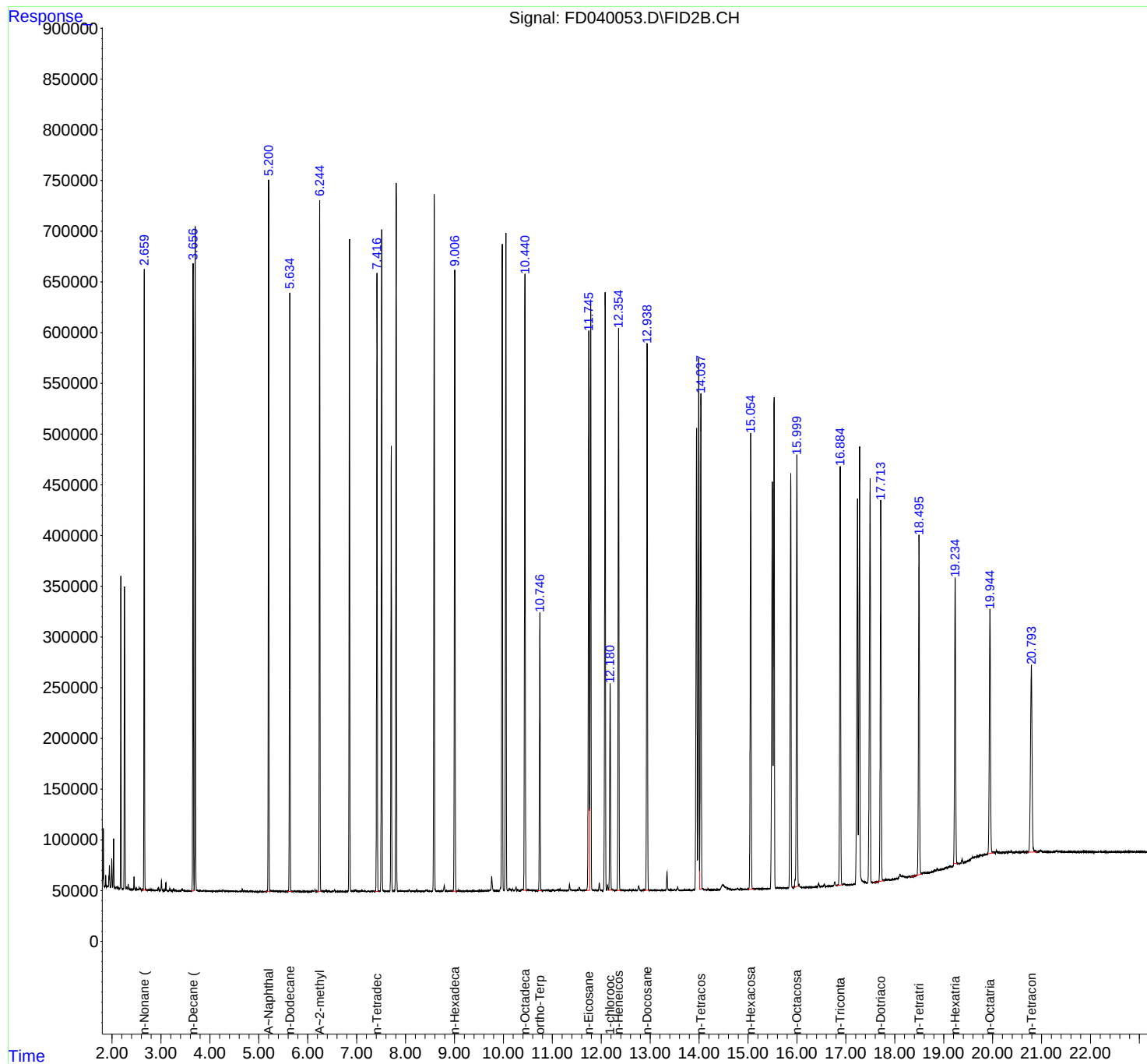
(f)=RT Delta > 1/2 Window

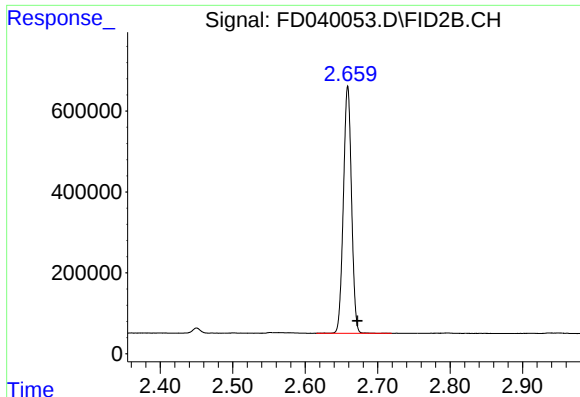
(m)=manual int.

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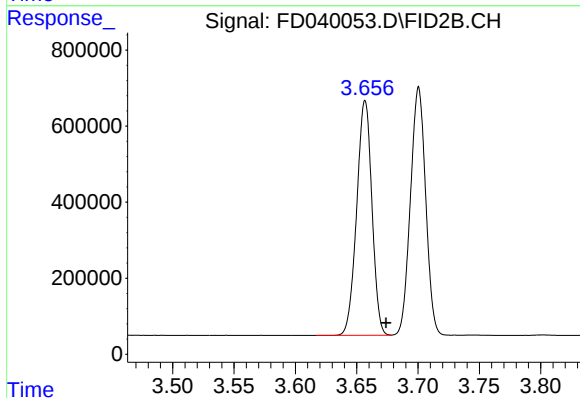
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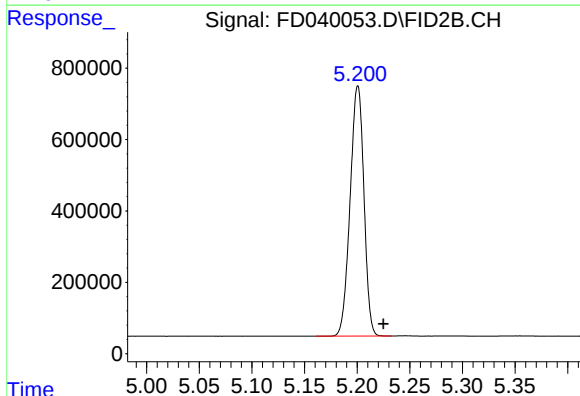
#1 n-Nonane (C9)

R.T.: 2.659 min
Delta R.T.: -0.013 min
Response: 4778961
Conc: 33.96 ug/ml



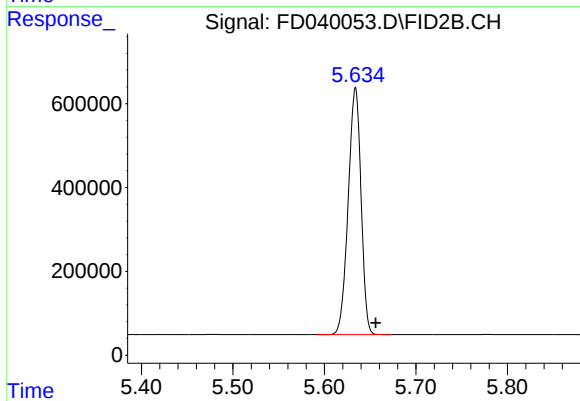
#2 n-Decane (C10)

R.T.: 3.657 min
Delta R.T.: -0.017 min
Response: 5333756
Conc: 37.40 ug/ml



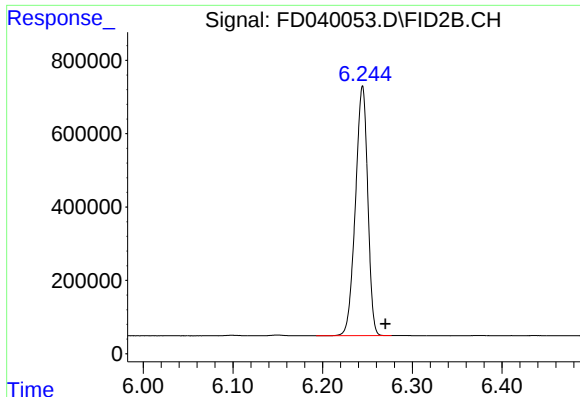
#3 A~Naphthalene (C11.7)

R.T.: 5.201 min
Delta R.T.: -0.024 min
Response: 6398073
Conc: 39.86 ug/ml



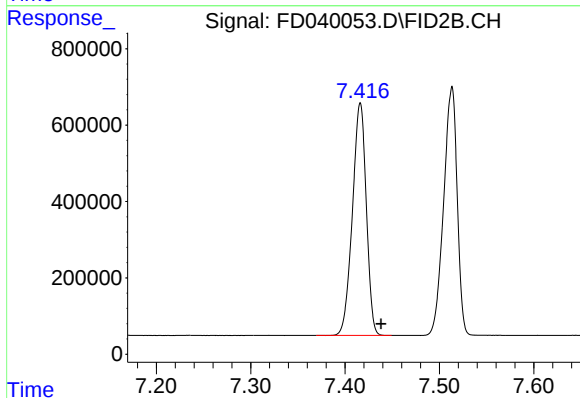
#4 n-Dodecane (C12)

R.T.: 5.634 min
Delta R.T.: -0.022 min
Response: 5738697
Conc: 40.19 ug/ml



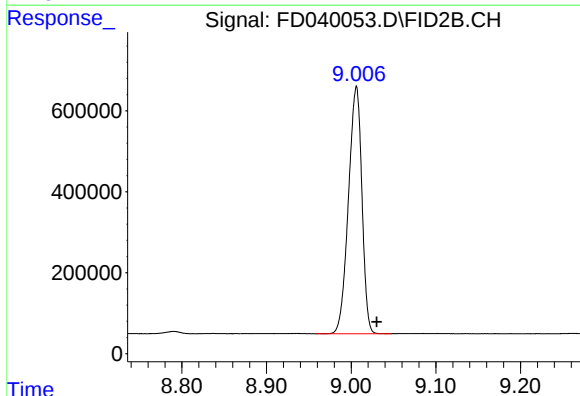
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.245 min
Delta R.T.: -0.025 min
Response: 6486475
Conc: 40.19 ug/ml



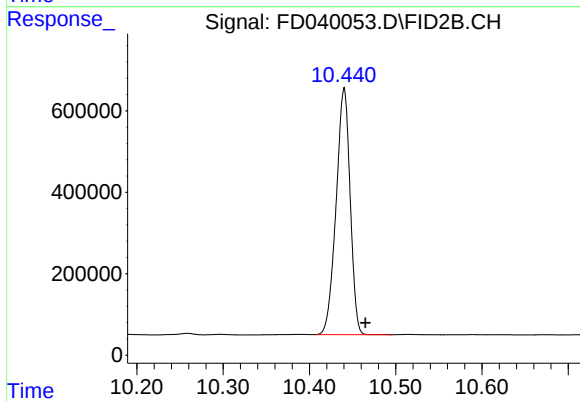
#6 n-Tetradecane (C14)

R.T.: 7.416 min
Delta R.T.: -0.022 min
Response: 6219896
Conc: 43.16 ug/ml



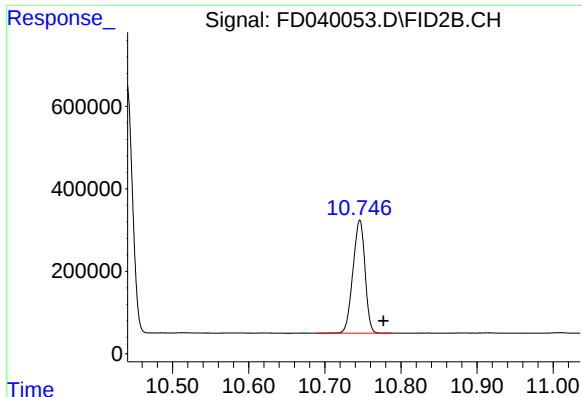
#7 n-Hexadecane (C16)

R.T.: 9.006 min
Delta R.T.: -0.024 min
Response: 6732976
Conc: 46.28 ug/ml



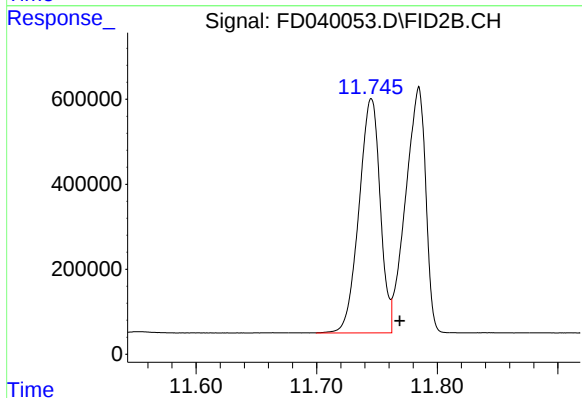
#8 n-Octadecane (C18)

R.T.: 10.440 min
Delta R.T.: -0.025 min
Response: 6848258
Conc: 46.02 ug/ml



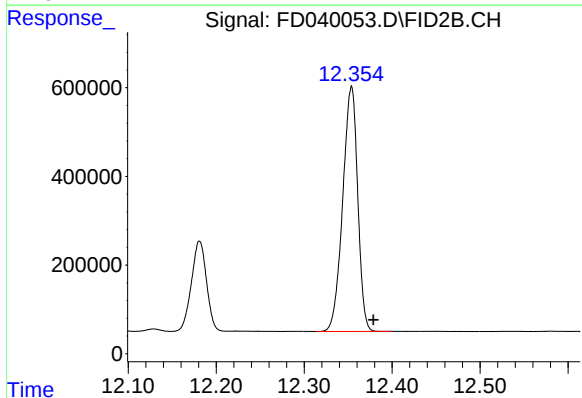
#9 ortho-Terphenyl (SURR)

R.T.: 10.746 min
Delta R.T.: -0.031 min
Response: 3019558
Conc: 19.23 ug/ml



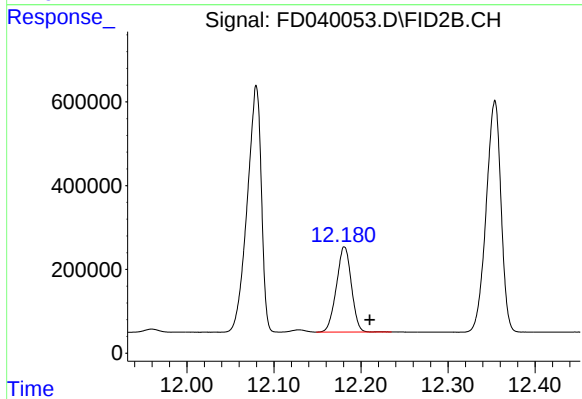
#10 n-Eicosane (C20)

R.T.: 11.745 min
Delta R.T.: -0.024 min
Response: 6770626
Conc: 46.29 ug/ml m



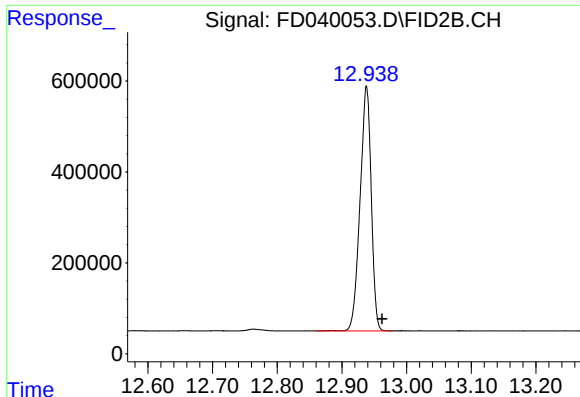
#11 n-Heneicosane (C21)

R.T.: 12.354 min
Delta R.T.: -0.025 min
Response: 6538552
Conc: 44.50 ug/ml



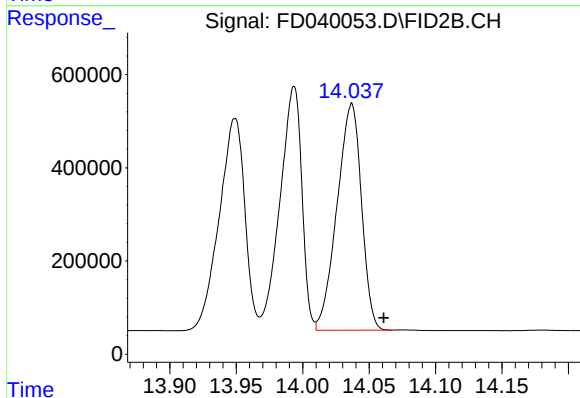
#12 1-chlorooctadecane (SURR)

R.T.: 12.181 min
Delta R.T.: -0.029 min
Response: 2427952
Conc: 19.66 ug/ml



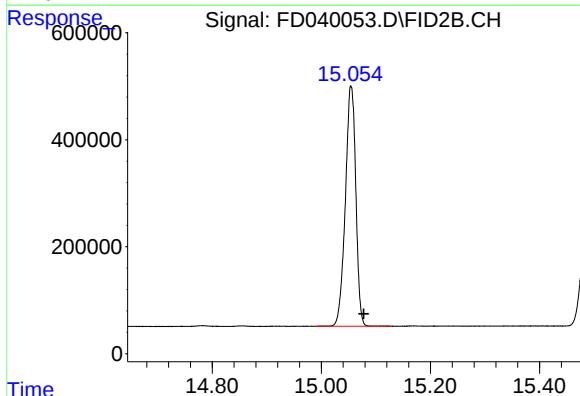
#13 n-Docosane (C22)

R.T.: 12.938 min
Delta R.T.: -0.024 min
Response: 6452656
Conc: 44.19 ug/ml



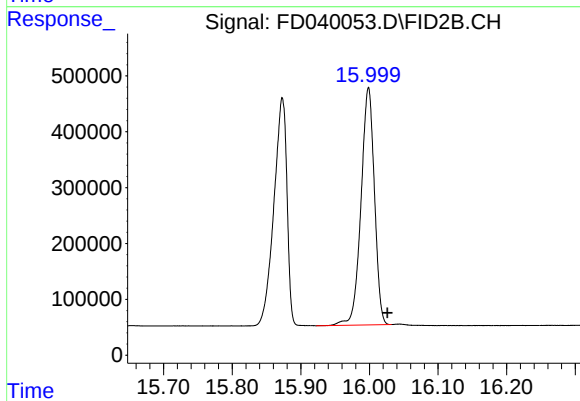
#14 n-Tetracosane (C24)

R.T.: 14.037 min
Delta R.T.: -0.024 min
Response: 6221724
Conc: 42.72 ug/ml



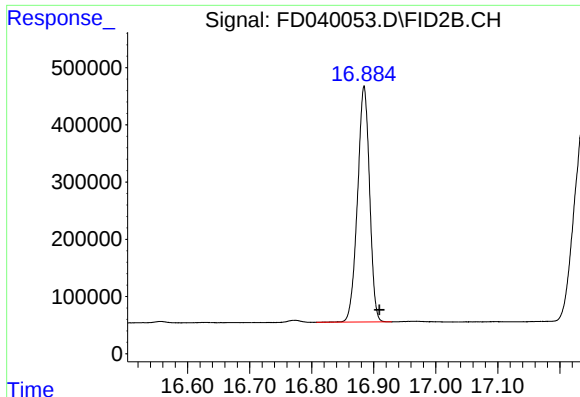
#15 n-Hexacosane (C26)

R.T.: 15.054 min
Delta R.T.: -0.024 min
Response: 5973516
Conc: 42.59 ug/ml



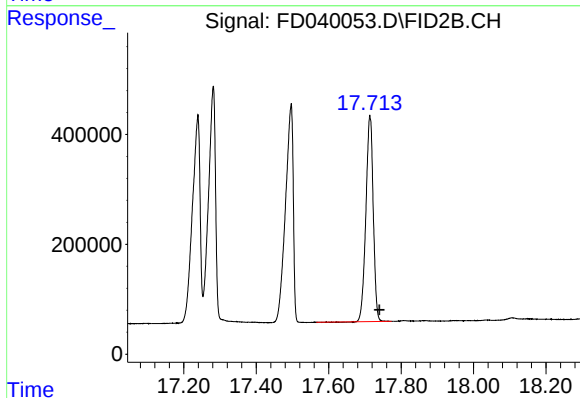
#16 n-Octacosane (C28)

R.T.: 15.999 min
Delta R.T.: -0.027 min
Response: 5777300
Conc: 42.60 ug/ml



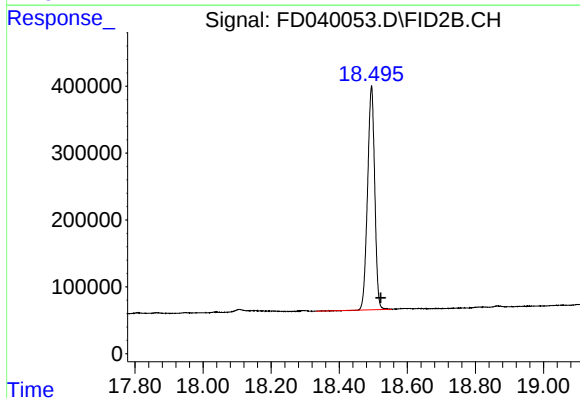
#17 n-Tricontane (C30)

R.T.: 16.884 min
Delta R.T.: -0.025 min
Response: 5560451
Conc: 42.55 ug/ml



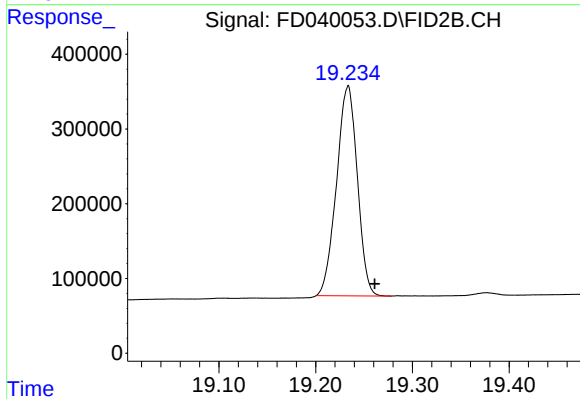
#18 n-Dotriacontane (C32)

R.T.: 17.714 min
Delta R.T.: -0.026 min
Response: 5273852
Conc: 42.38 ug/ml



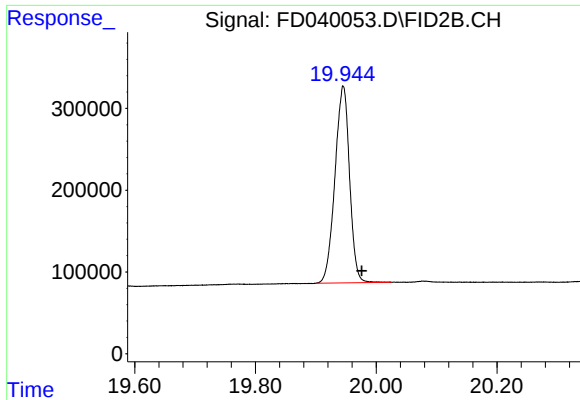
#19 n-Tetratriacontane (C34)

R.T.: 18.495 min
Delta R.T.: -0.027 min
Response: 4901524
Conc: 40.58 ug/ml



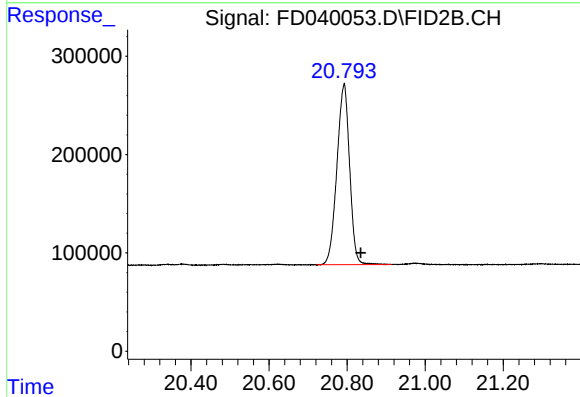
#20 n-Hexatriacontane (C36)

R.T.: 19.234 min
Delta R.T.: -0.027 min
Response: 4201851
Conc: 36.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.945 min
Delta R.T.: -0.031 min
Response: 4043438
Conc: 36.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.793 min
Delta R.T.: -0.042 min
Response: 4151019
Conc: 36.43 ug/ml