

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040327.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 6:24
 Operator : AJ\MA
 Sample : M5254-01MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 06:59:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.743	520412	3.341 ug/ml
Spiked Amount 50.000		Recovery =	6.68%
12) S 1-chlorooctadecane (S...	12.190	31309	0.260 ug/ml
Spiked Amount 50.000		Recovery =	0.52%
Target Compounds			
1) T n-Nonane (C9)	2.628	3541275	26.985 ug/ml
2) T n-Decane (C10)	3.620	4122432	31.144 ug/ml
3) T A~Naphthalene (C11.7)	5.157	5089963	34.496 ug/ml
4) T n-Dodecane (C12)	5.590	4600238	34.638 ug/ml
5) T A~2-methylnaphthalene...	6.198	5180850	34.914 ug/ml
6) T n-Tetradecane (C14)	7.369	5123188	37.057 ug/ml
7) T n-Hexadecane (C16)	8.955	5807781	42.356 ug/ml
8) T n-Octadecane (C18)	10.434	158236	1.121 ug/ml
10) T n-Eicosane (C20)	11.727	7909172	56.572 ug/ml
11) T n-Heneicosane (C21)	12.348	198563	1.403 ug/ml
13) T n-Docosane (C22)	12.911	235829	1.680 ug/ml
14) T n-Tetracosane (C24)	14.039	272508	1.941 ug/ml
15) T n-Hexacosane (C26)	14.994	5375454	39.092 ug/ml
16) T n-Octacosane (C28)	16.012	63668	0.468 ug/ml
17) T n-Tricontane (C30)	16.821	5081540	37.971 ug/ml
18) T n-Dotriacontane (C32)	17.649	4807000	37.136 ug/ml
19) T n-Tetratriacontane (C34)	18.427	4430042	36.538 ug/ml
20) T n-Hexatriacontane (C36)	19.205	23792	0.223 ug/ml
21) T n-Octatriacontane (C38)	19.920	34346	0.372 ug/ml
22) T n-Tetracontane (C40)	20.687f	3459167	44.425 ug/ml

(f)=RT Delta > 1/2 Window

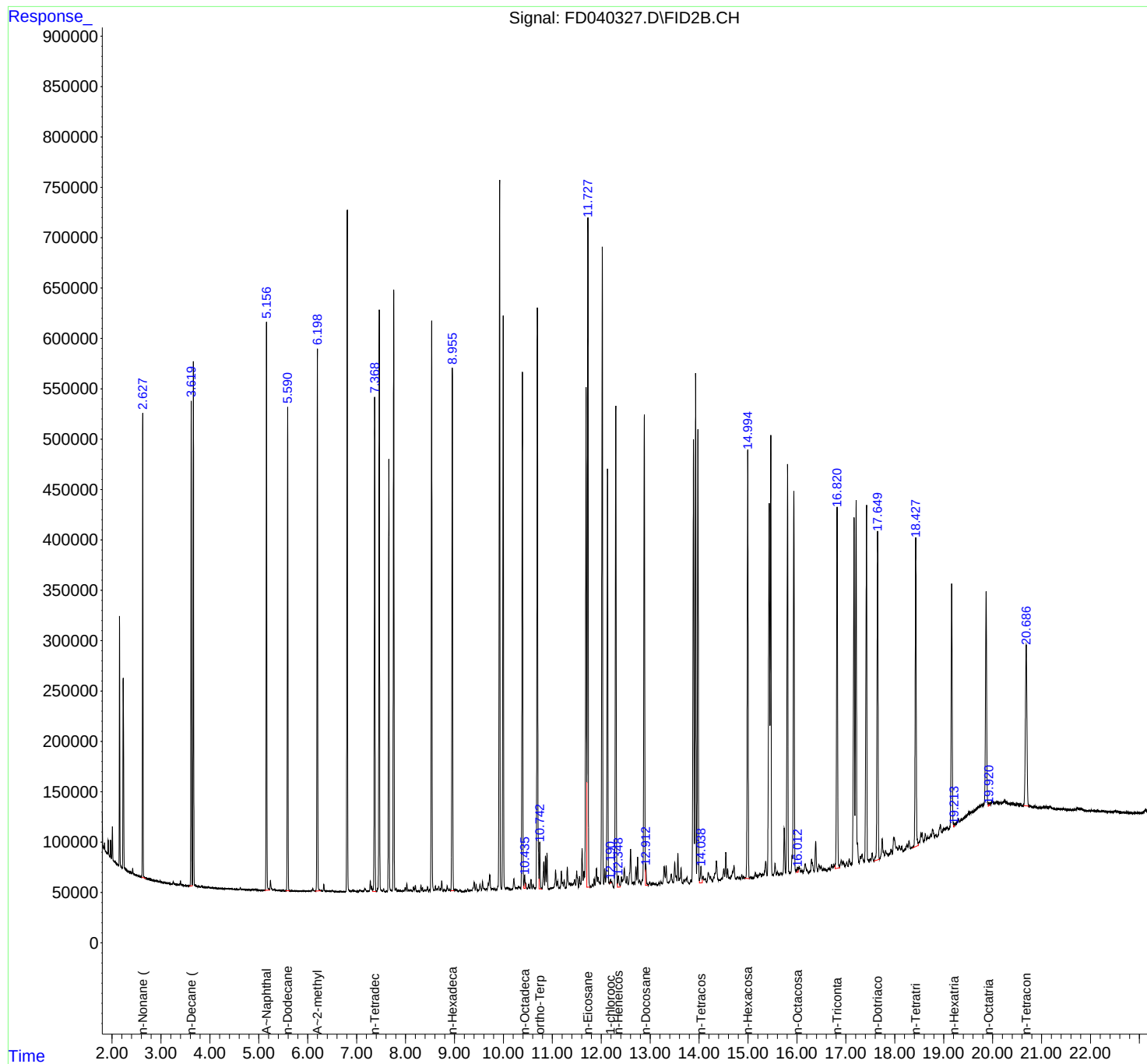
(m)=manual int.

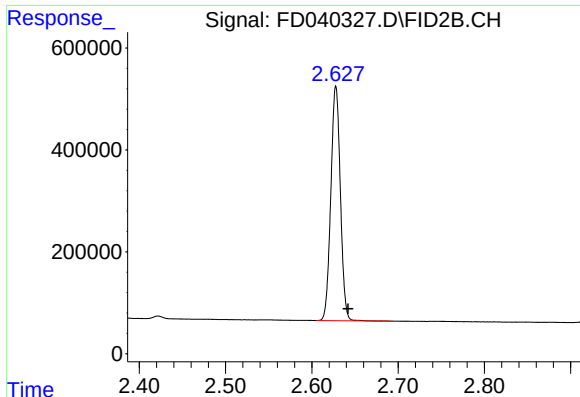
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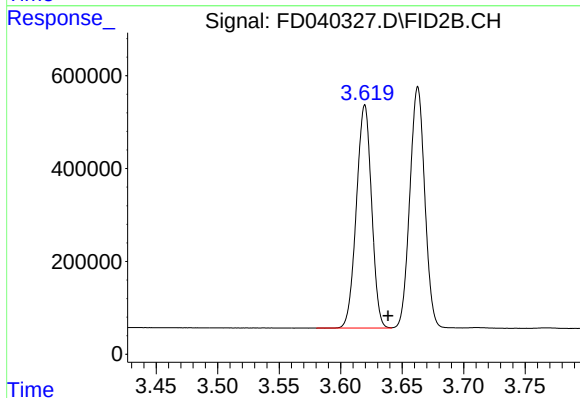




#1 n-Nonane (C9)

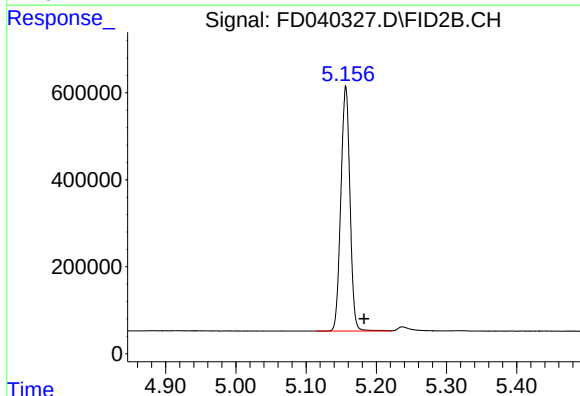
R.T.: 2.628 min
Delta R.T.: -0.014 min
Response: 3541275
Conc: 26.99 ug/ml

Instrument :
FID_D
ClientSampleId :



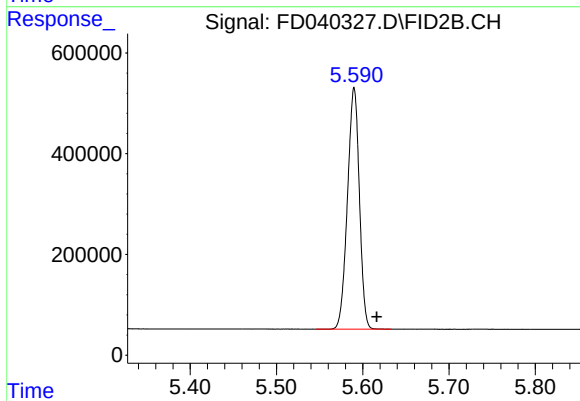
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.019 min
Response: 4122432
Conc: 31.14 ug/ml



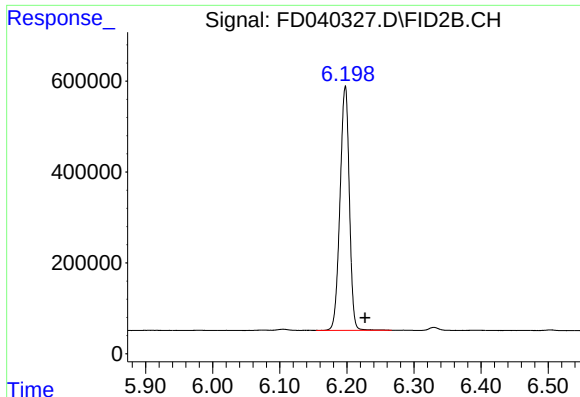
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.026 min
Response: 5089963
Conc: 34.50 ug/ml



#4 n-Dodecane (C12)

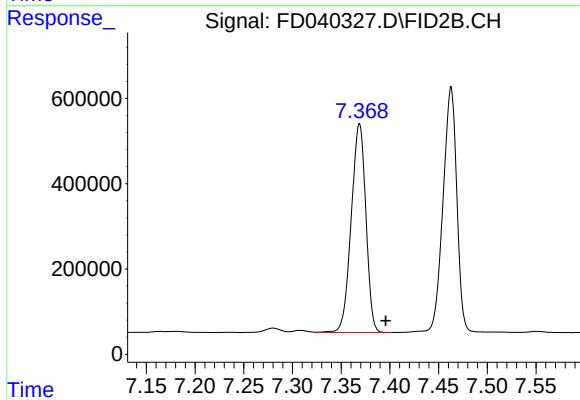
R.T.: 5.590 min
Delta R.T.: -0.026 min
Response: 4600238
Conc: 34.64 ug/ml



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

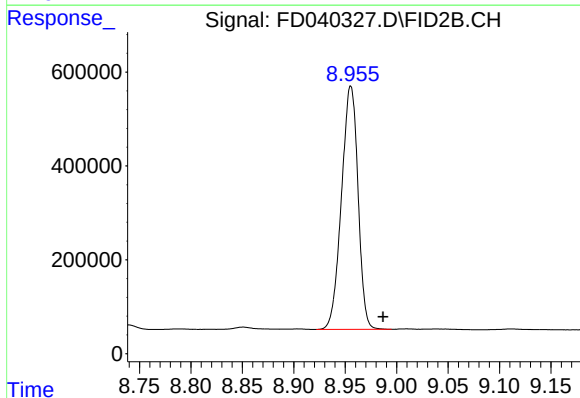
R.T.: 6.198 min
Delta R.T.: -0.029 min
Response: 5180850
Conc: 34.91 ug/ml

Instrument :
FID_D
ClientSampleId :



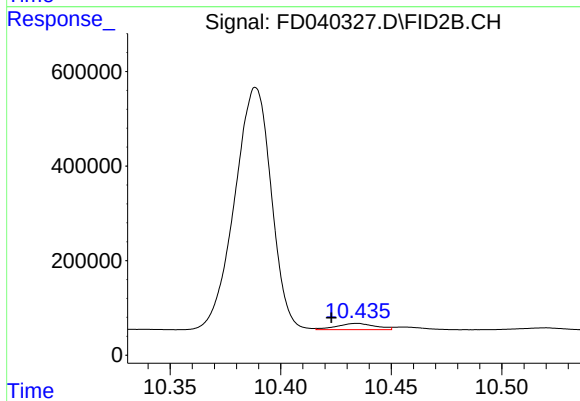
#6 n-Tetradecane (C14)

R.T.: 7.369 min
Delta R.T.: -0.027 min
Response: 5123188
Conc: 37.06 ug/ml



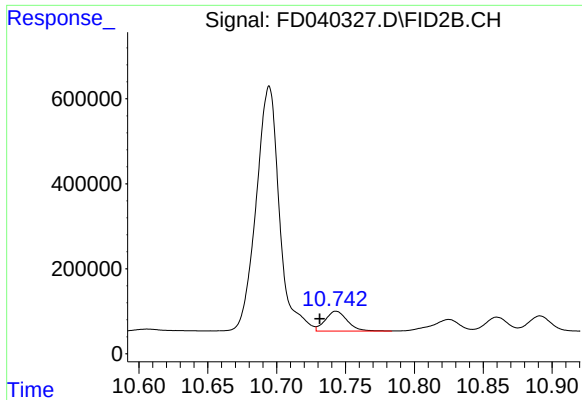
#7 n-Hexadecane (C16)

R.T.: 8.955 min
Delta R.T.: -0.031 min
Response: 5807781
Conc: 42.36 ug/ml



#8 n-Octadecane (C18)

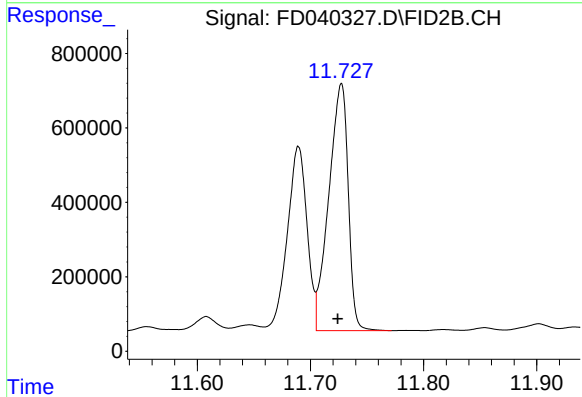
R.T.: 10.434 min
Delta R.T.: 0.012 min
Response: 158236
Conc: 1.12 ug/ml



#9 ortho-Terphenyl (SURR)

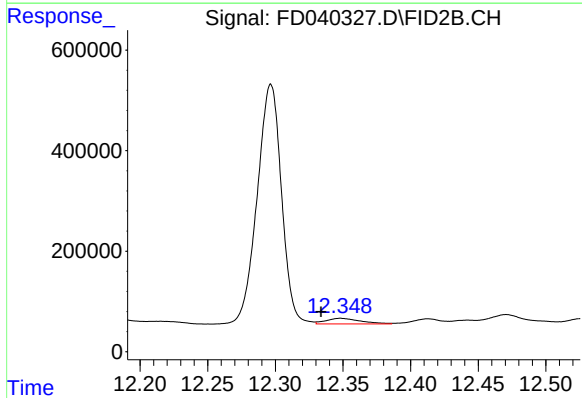
R.T.: 10.743 min
Delta R.T.: 0.012 min
Response: 520412
Conc: 3.34 ug/ml

Instrument :
FID_D
ClientSampleId :



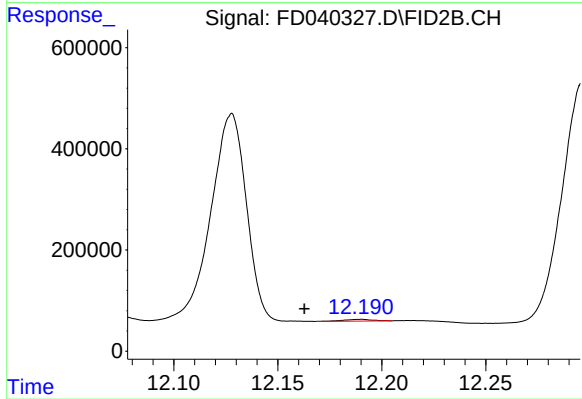
#10 n-Eicosane (C20)

R.T.: 11.727 min
Delta R.T.: 0.003 min
Response: 7909172
Conc: 56.57 ug/ml



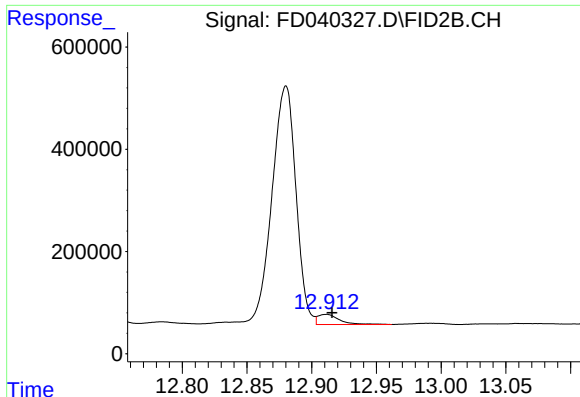
#11 n-Heneicosane (C21)

R.T.: 12.348 min
Delta R.T.: 0.015 min
Response: 198563
Conc: 1.40 ug/ml



#12 1-chlorooctadecane (SURR)

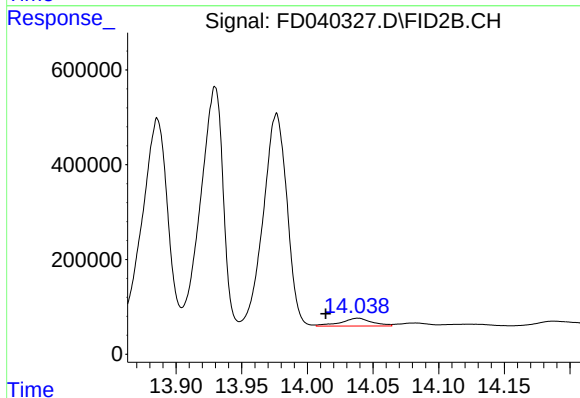
R.T.: 12.190 min
Delta R.T.: 0.027 min
Response: 31309
Conc: 0.26 ug/ml



#13 n-Docosane (C22)

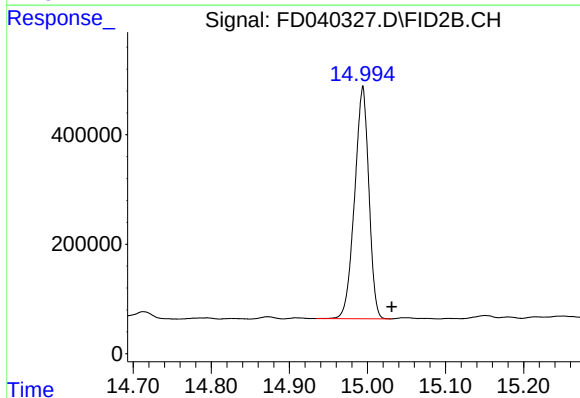
R.T.: 12.911 min
Delta R.T.: -0.004 min
Response: 235829
Conc: 1.68 ug/ml

Instrument :
FID_D
ClientSampleId :



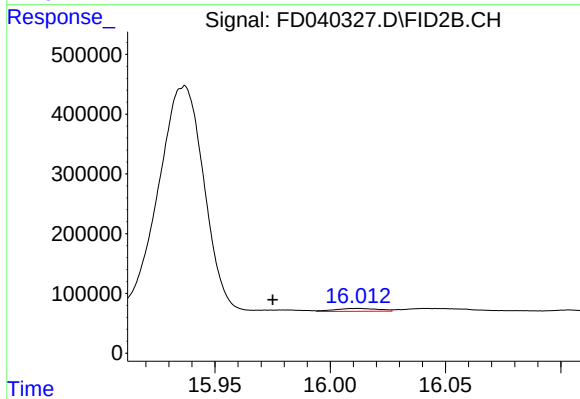
#14 n-Tetracosane (C24)

R.T.: 14.039 min
Delta R.T.: 0.025 min
Response: 272508
Conc: 1.94 ug/ml



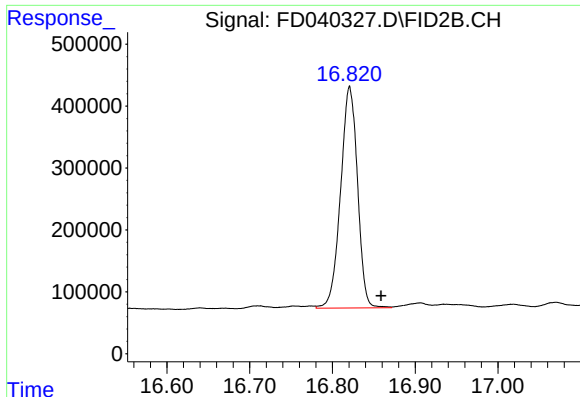
#15 n-Hexacosane (C26)

R.T.: 14.994 min
Delta R.T.: -0.037 min
Response: 5375454
Conc: 39.09 ug/ml



#16 n-Octacosane (C28)

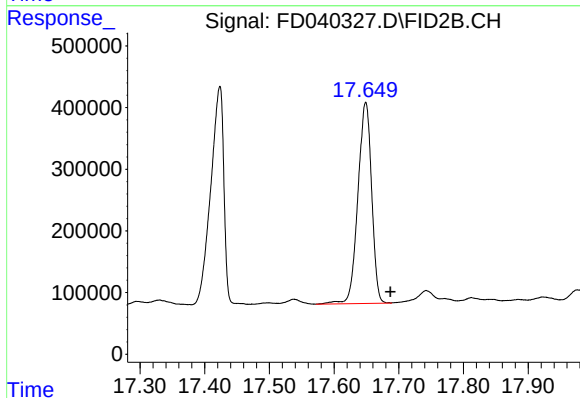
R.T.: 16.012 min
Delta R.T.: 0.037 min
Response: 63668
Conc: 0.47 ug/ml



#17 n-Tricontane (C30)

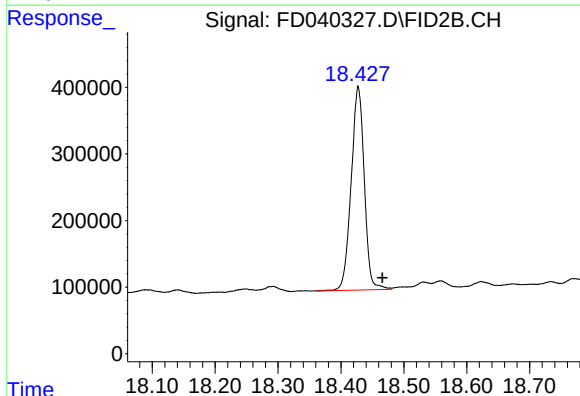
R.T.: 16.821 min
Delta R.T.: -0.038 min
Response: 5081540
Conc: 37.97 ug/ml

Instrument :
FID_D
ClientSampleId :



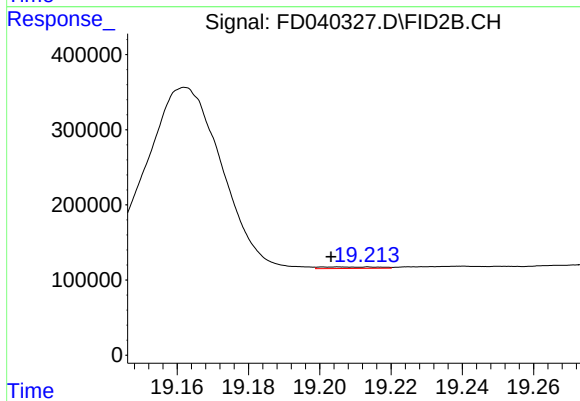
#18 n-Dotriacontane (C32)

R.T.: 17.649 min
Delta R.T.: -0.038 min
Response: 4807000
Conc: 37.14 ug/ml



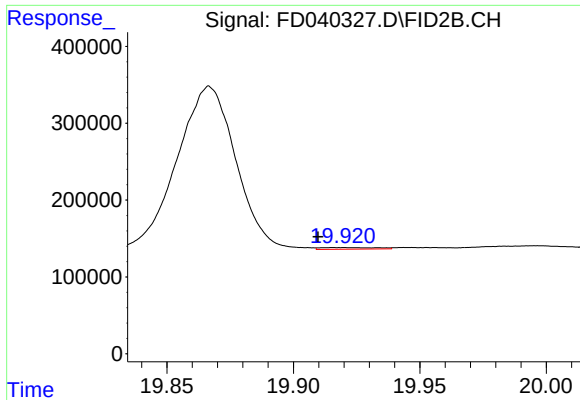
#19 n-Tetratriacontane (C34)

R.T.: 18.427 min
Delta R.T.: -0.039 min
Response: 4430042
Conc: 36.54 ug/ml



#20 n-Hexatriacontane (C36)

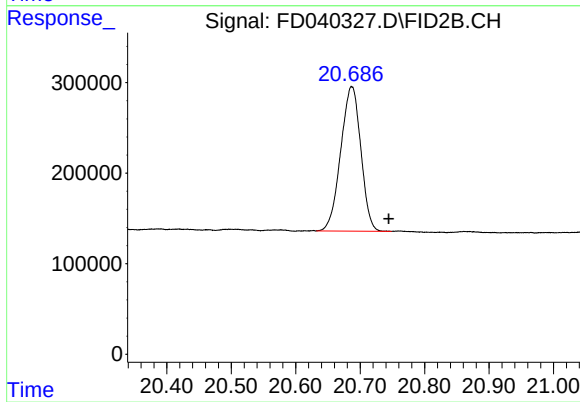
R.T.: 19.205 min
Delta R.T.: 0.002 min
Response: 23792
Conc: 0.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.920 min
Delta R.T.: 0.010 min
Response: 34346
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.687 min
Delta R.T.: -0.057 min
Response: 3459167
Conc: 44.43 ug/ml