

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034943.D
 Signal(s) : FID1B.CH
 Acq On : 10 Feb 2022 2:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 10 04:11:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 2022
 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)	11.126	6260174	21.375 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
12) S 1-chlorooctadecane (S...	12.557	4827297	21.591 ug/ml
Spiked Amount 50.000		Recovery =	43.18%
Target Compounds			
1) T n-Nonane (C9)	2.991	5354230	21.108 ug/ml
2) T n-Decane (C10)	4.007	5421047	21.121 ug/ml
3) T A~Naphthalene (C11.7)	5.564	6025845	21.005 ug/ml
4) T n-Dodecane (C12)	5.995	5431267	21.110 ug/ml
5) T A~2-methylnaphthalene...	6.611	6066297	20.966 ug/ml
6) T n-Tetradecane (C14)	7.781	5534756	21.160 ug/ml
7) T n-Hexadecane (C16)	9.375	5577212	21.268 ug/ml
8) T n-Octadecane (C18)	10.813	5700566	21.380 ug/ml
10) T n-Eicosane (C20)	12.115	5598211	21.436 ug/ml
11) T n-Heneicosane (C21)	12.725	5619663	21.452 ug/ml
13) T n-Docosane (C22)	13.309	5542019	21.498 ug/ml
14) T n-Tetracosane (C24)	14.406	5494479	21.670 ug/ml
15) T n-Hexacosane (C26)	15.423	5296025	21.689 ug/ml
16) T n-Octacosane (C28)	16.368	5203972	21.870 ug/ml
17) T n-Tricontane (C30)	17.251	5060443	22.004 ug/ml
18) T n-Dotriacontane (C32)	18.081	4711376	22.041 ug/ml
19) T n-Tetratriacontane (C34)	18.860	4375233	21.709 ug/ml
20) T n-Hexatriacontane (C36)	19.597	4094830	21.649 ug/ml
21) T n-Octatriacontane (C38)	20.307	3899164	21.432 ug/ml
22) T n-Tetracontane (C40)	21.155	3927568	21.441 ug/ml

(f)=RT Delta > 1/2 Window

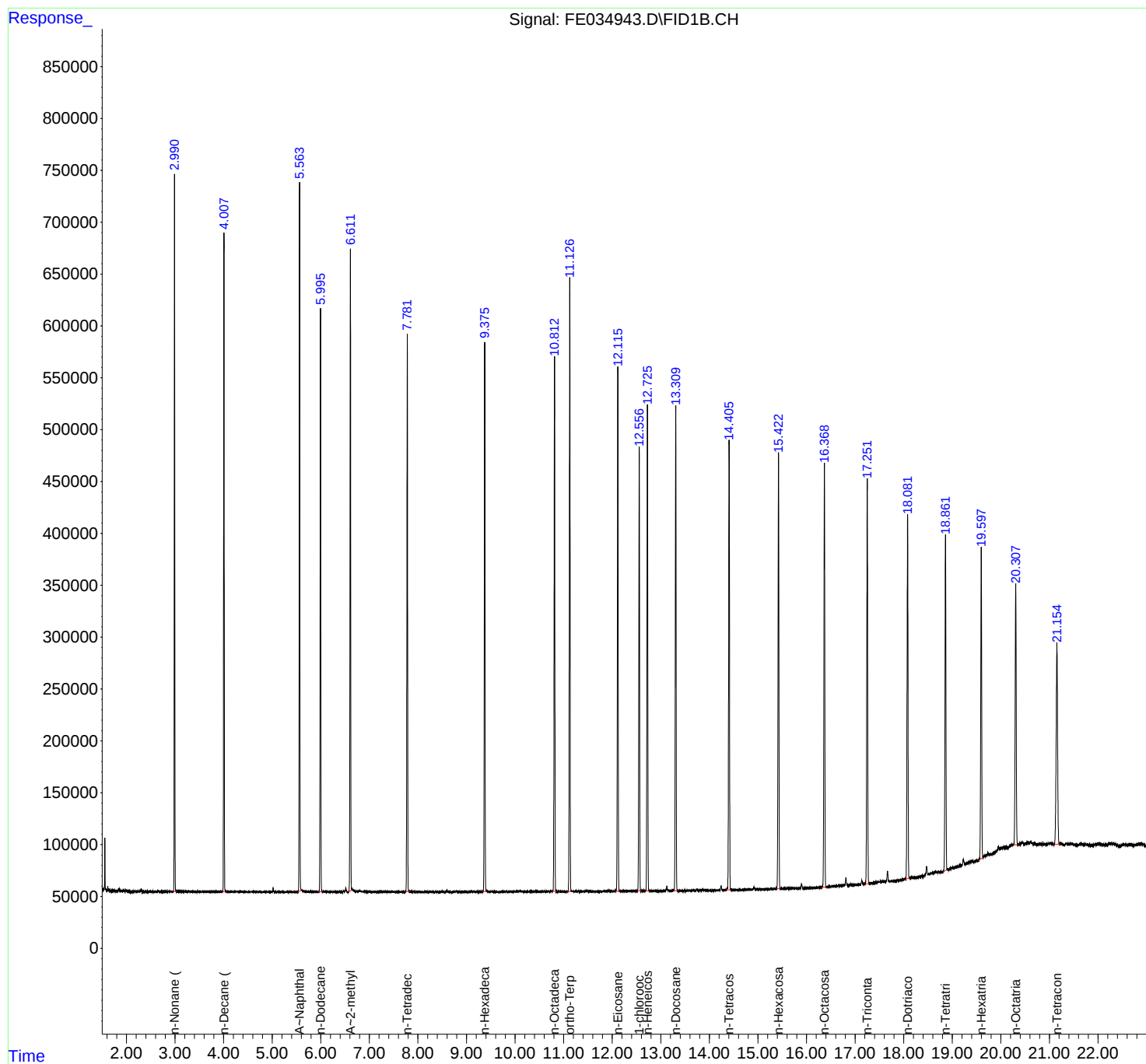
(m)=manual int.

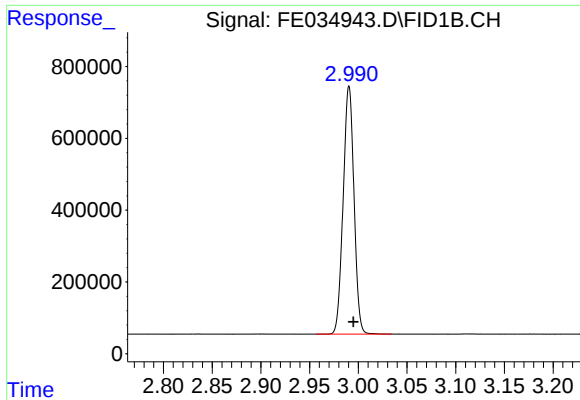
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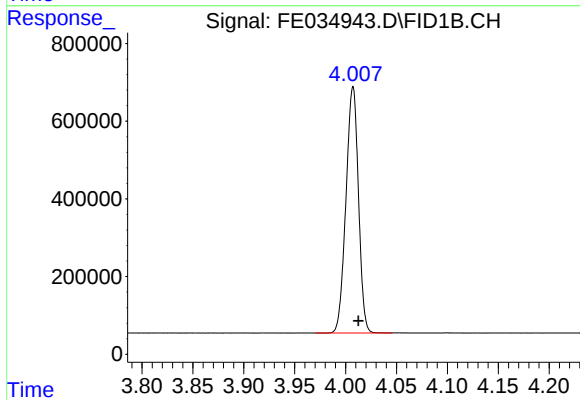




#1 n-Nonane (C9)

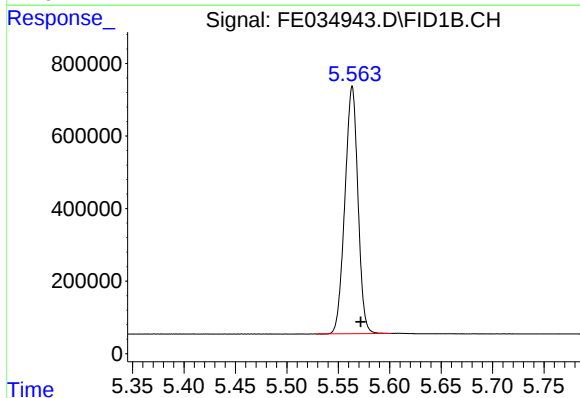
R.T.: 2.991 min
Delta R.T.: -0.004 min
Response: 5354230
Conc: 21.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



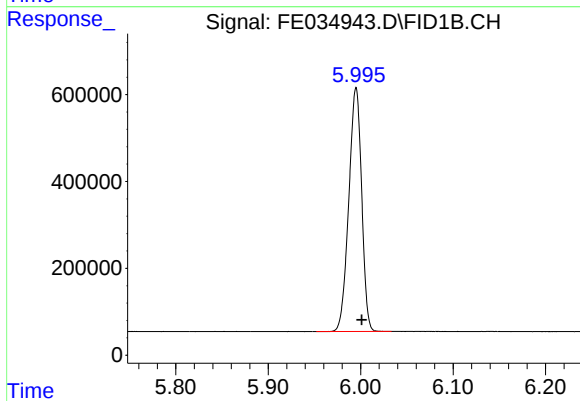
#2 n-Decane (C10)

R.T.: 4.007 min
Delta R.T.: -0.005 min
Response: 5421047
Conc: 21.12 ug/ml



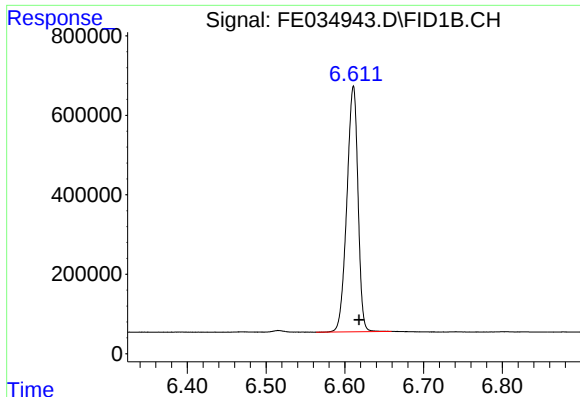
#3 A~Naphthalene (C11.7)

R.T.: 5.564 min
Delta R.T.: -0.008 min
Response: 6025845
Conc: 21.00 ug/ml



#4 n-Dodecane (C12)

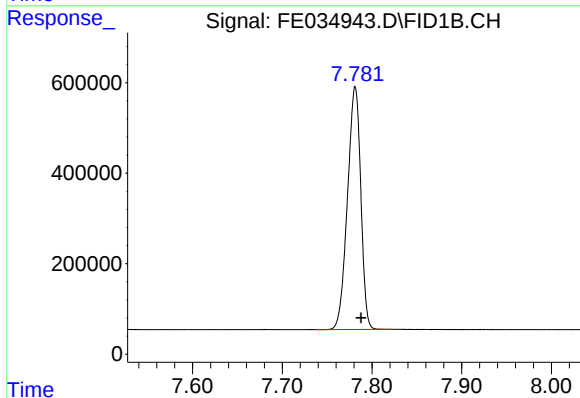
R.T.: 5.995 min
Delta R.T.: -0.006 min
Response: 5431267
Conc: 21.11 ug/ml



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

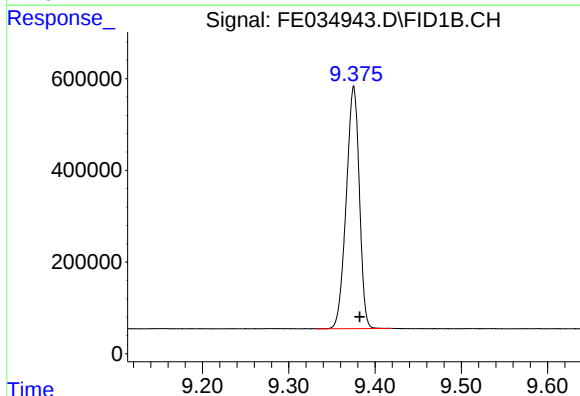
R.T.: 6.611 min
Delta R.T.: -0.007 min
Response: 6066297
Conc: 20.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



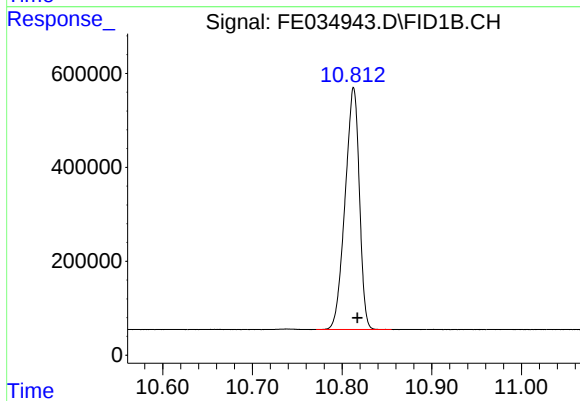
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.006 min
Response: 5534756
Conc: 21.16 ug/ml



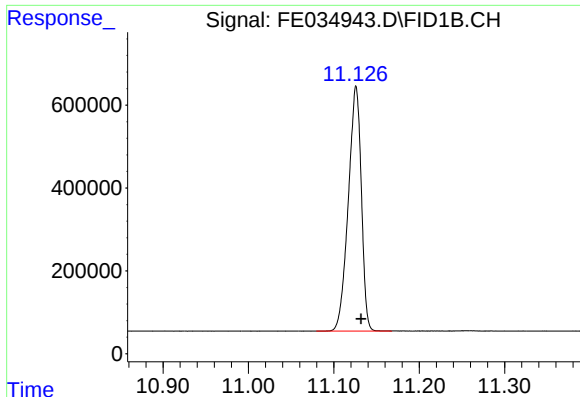
#7 n-Hexadecane (C16)

R.T.: 9.375 min
Delta R.T.: -0.007 min
Response: 5577212
Conc: 21.27 ug/ml



#8 n-Octadecane (C18)

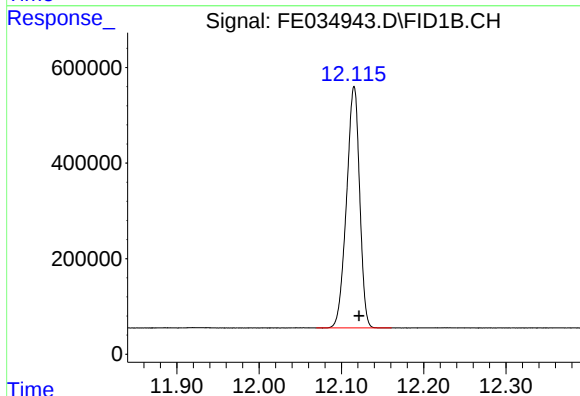
R.T.: 10.813 min
Delta R.T.: -0.004 min
Response: 5700566
Conc: 21.38 ug/ml



#9 ortho-Terphenyl (SURR)

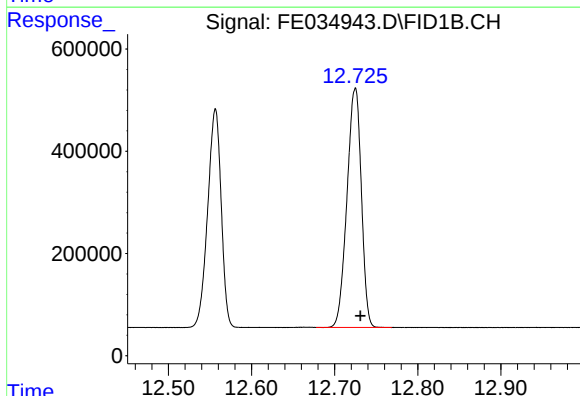
R.T.: 11.126 min
Delta R.T.: -0.006 min
Response: 6260174
Conc: 21.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



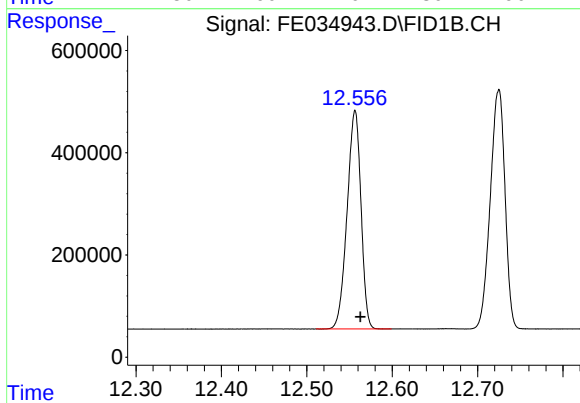
#10 n-Eicosane (C20)

R.T.: 12.115 min
Delta R.T.: -0.006 min
Response: 5598211
Conc: 21.44 ug/ml



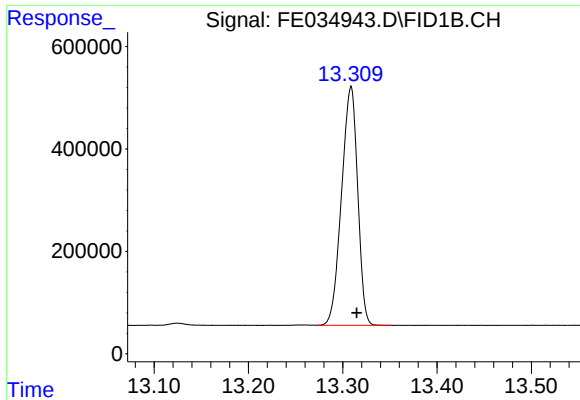
#11 n-Heneicosane (C21)

R.T.: 12.725 min
Delta R.T.: -0.006 min
Response: 5619663
Conc: 21.45 ug/ml



#12 1-chlorooctadecane (SURR)

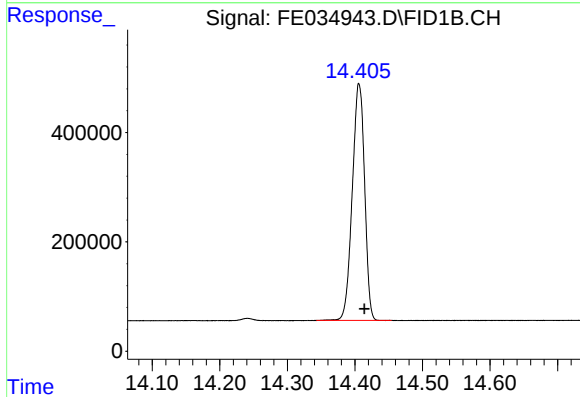
R.T.: 12.557 min
Delta R.T.: -0.006 min
Response: 4827297
Conc: 21.59 ug/ml



#13 n-Docosane (C22)

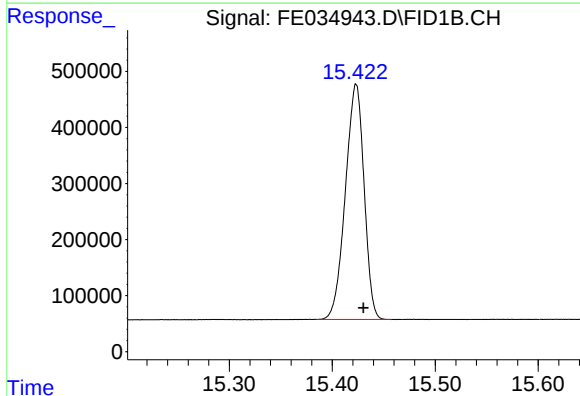
R.T.: 13.309 min
Delta R.T.: -0.006 min
Response: 5542019
Conc: 21.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



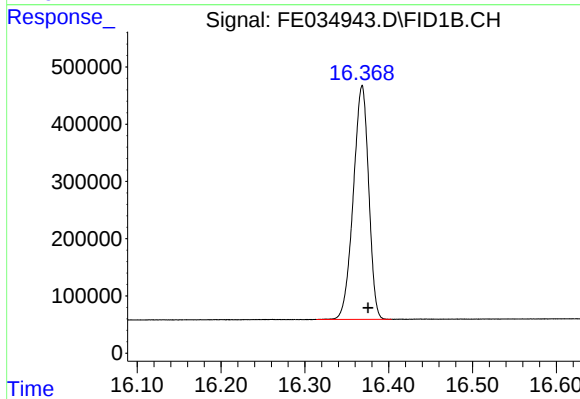
#14 n-Tetracosane (C24)

R.T.: 14.406 min
Delta R.T.: -0.008 min
Response: 5494479
Conc: 21.67 ug/ml



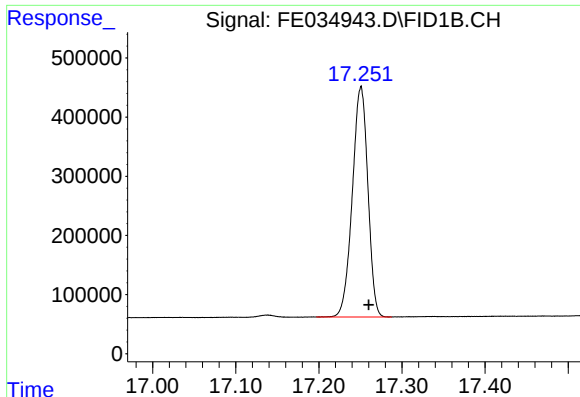
#15 n-Hexacosane (C26)

R.T.: 15.423 min
Delta R.T.: -0.007 min
Response: 5296025
Conc: 21.69 ug/ml



#16 n-Octacosane (C28)

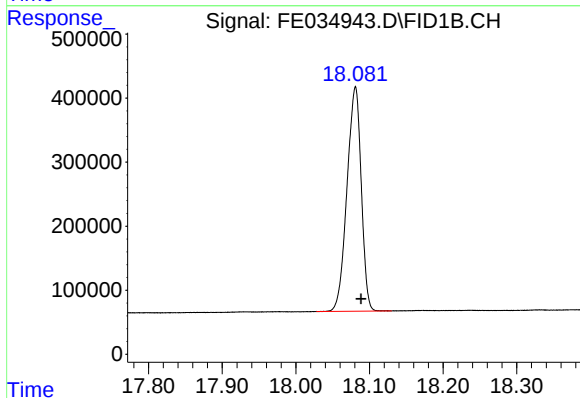
R.T.: 16.368 min
Delta R.T.: -0.007 min
Response: 5203972
Conc: 21.87 ug/ml



#17 n-Tricontane (C30)

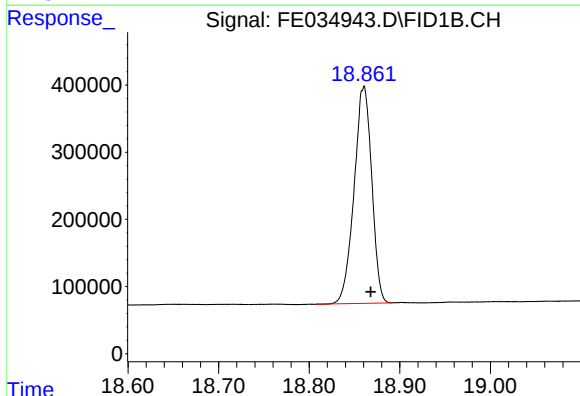
R.T.: 17.251 min
Delta R.T.: -0.009 min
Response: 5060443
Conc: 22.00 ug/ml

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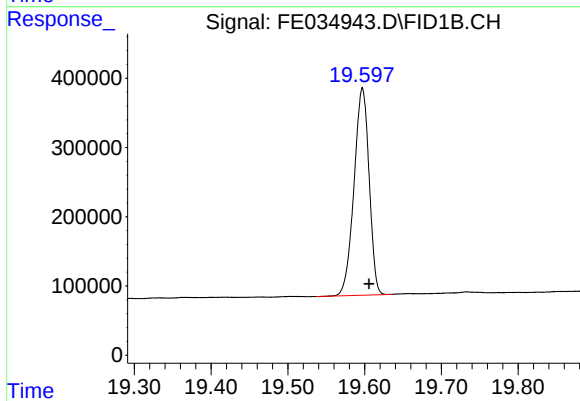
#18 n-Dotriacontane (C32)

R.T.: 18.081 min
Delta R.T.: -0.007 min
Response: 4711376
Conc: 22.04 ug/ml



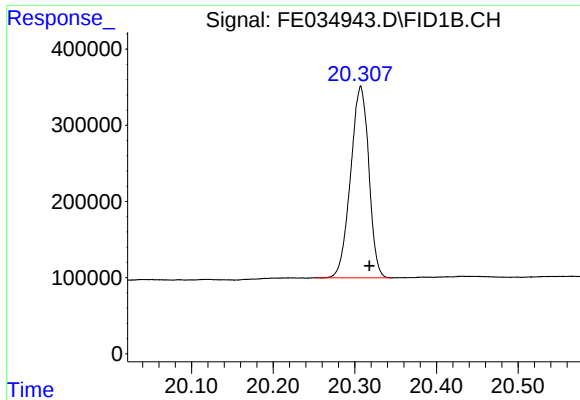
#19 n-Tetratriacontane (C34)

R.T.: 18.860 min
Delta R.T.: -0.008 min
Response: 4375233
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

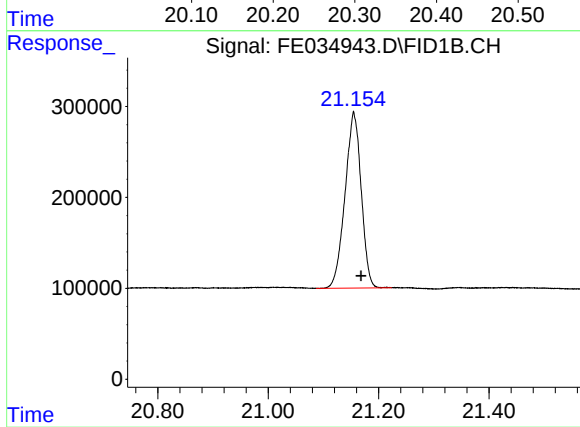
R.T.: 19.597 min
Delta R.T.: -0.008 min
Response: 4094830
Conc: 21.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.307 min
Delta R.T.: -0.011 min
Response: 3899164
Conc: 21.43 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.155 min
Delta R.T.: -0.014 min
Response: 3927568
Conc: 21.44 ug/ml