

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AL\
 Data File : FD039281.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2021 1:12
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 27 03:37:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 03:36:57 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)	11.681	12608778	100.286 ug/ml
Spiked Amount 50.000		Recovery =	200.57%
12) S 1-chlorooctadecane (S...	13.105	10299787	100.608 ug/ml
Spiked Amount 50.000		Recovery =	201.22%
Target Compounds			
1) T n-Nonane (C9)	3.438	11470629	100.015 ug/ml
2) T n-Decane (C10)	4.507	11531933	100.099 ug/ml
3) T A~Naphthalene (C11.7)	6.099	12833697	101.163 ug/ml
4) T n-Dodecane (C12)	6.522	11672634	100.090 ug/ml
5) T A~2-methylnaphthalene...	7.155	13117972	101.182 ug/ml
6) T n-Tetradecane (C14)	8.315	11630070	100.193 ug/ml
7) T n-Hexadecane (C16)	9.914	11855782	100.356 ug/ml
8) T n-Octadecane (C18)	11.355	12099354	100.435 ug/ml
10) T n-Eicosane (C20)	12.661	12191071	100.483 ug/ml
11) T n-Heneicosane (C21)	13.272	12406679	100.583 ug/ml
13) T n-Docosane (C22)	13.857	12319529	100.596 ug/ml
14) T n-Tetracosane (C24)	14.956	12276905	100.255 ug/ml
15) T n-Hexacosane (C26)	15.974	12146923	99.951 ug/ml
16) T n-Octacosane (C28)	16.920	11502364	99.726 ug/ml
17) T n-Tricontane (C30)	17.805	11453150	98.000 ug/ml
18) T n-Dotriacontane (C32)	18.635	10963975	96.482 ug/ml
19) T n-Tetratriacontane (C34)	19.414	10196391	96.924 ug/ml
20) T n-Hexatriacontane (C36)	20.151	9791735	96.596 ug/ml
21) T n-Octatriacontane (C38)	20.893	9312307	98.082 ug/ml
22) T n-Tetracontane (C40)	21.822	9036852	98.092 ug/ml

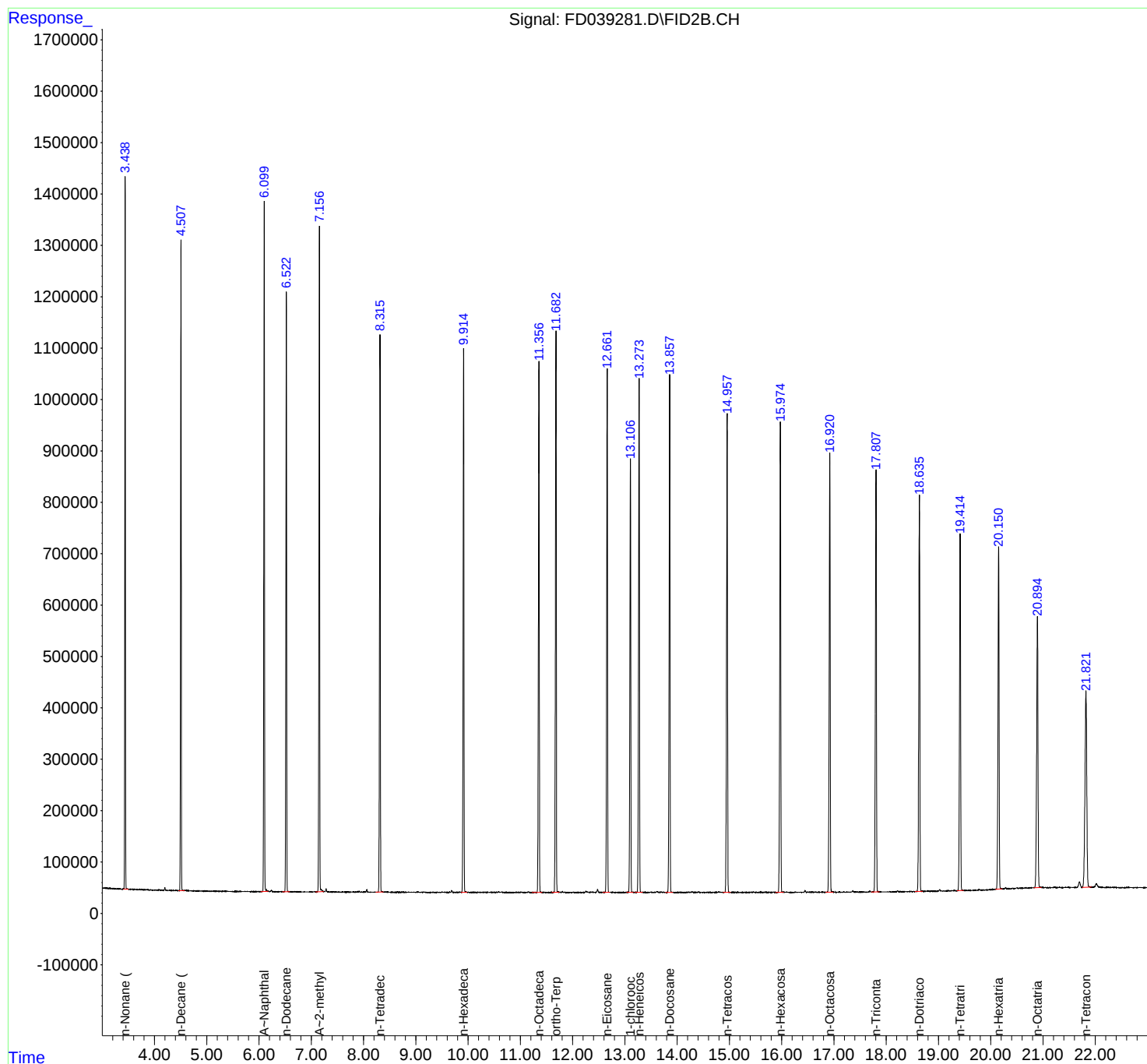
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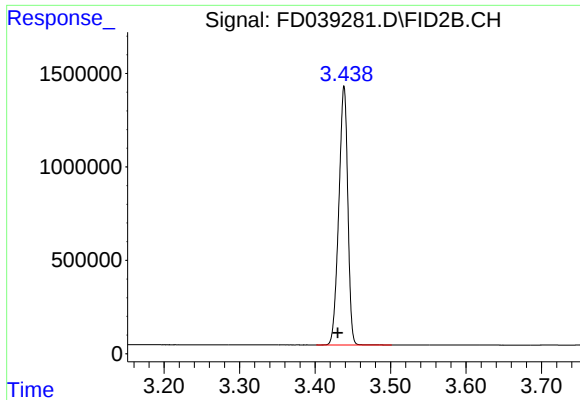
(m)=manual int.

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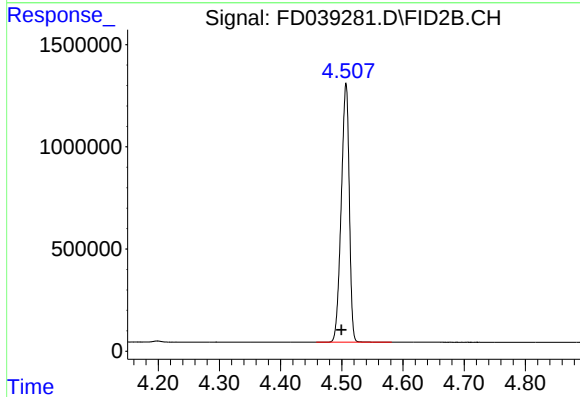
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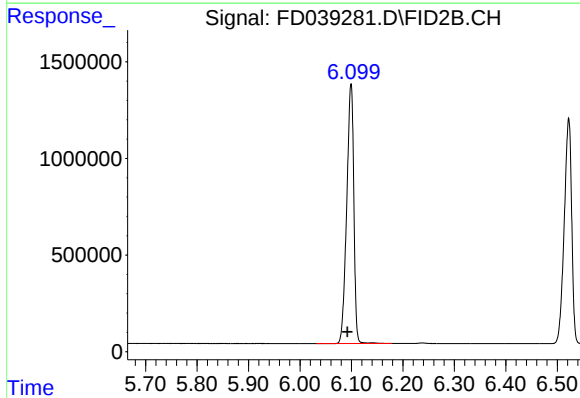
#1 n-Nonane (C9)

R.T.: 3.438 min
Delta R.T.: 0.008 min
Response: 11470629
Conc: 100.01 ug/ml



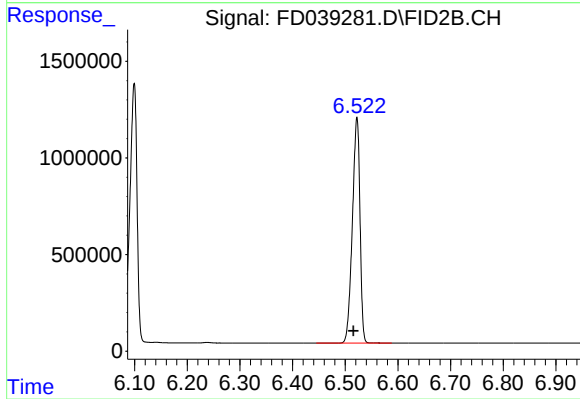
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.007 min
Response: 11531933
Conc: 100.10 ug/ml



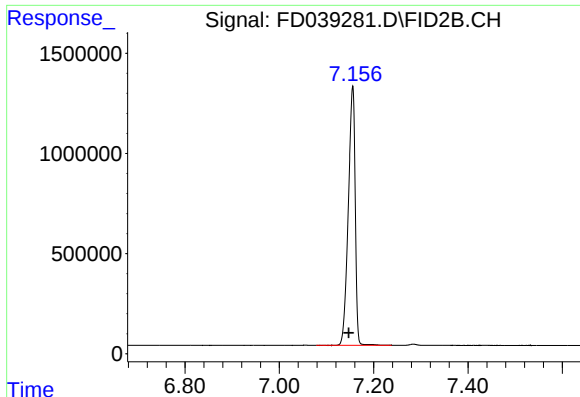
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.007 min
Response: 12833697
Conc: 101.16 ug/ml



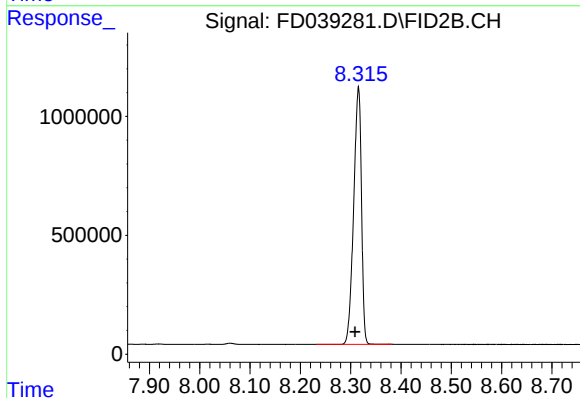
#4 n-Dodecane (C12)

R.T.: 6.522 min
Delta R.T.: 0.006 min
Response: 11672634
Conc: 100.09 ug/ml



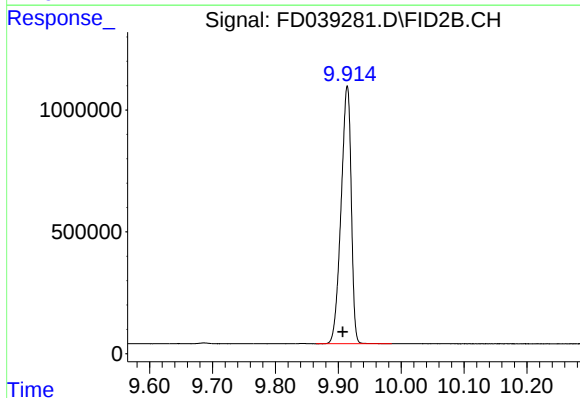
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.155 min
Delta R.T.: 0.008 min
Response: 13117972
Conc: 101.18 ug/ml



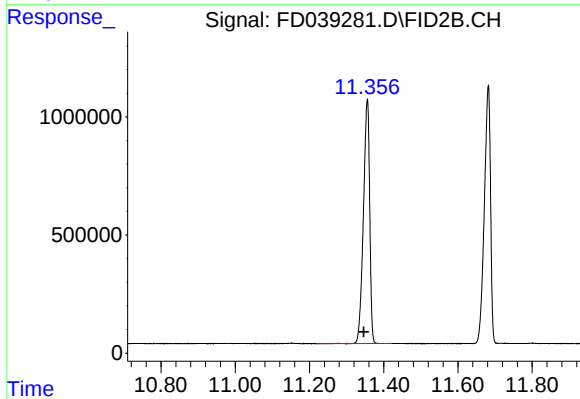
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: 0.006 min
Response: 11630070
Conc: 100.19 ug/ml



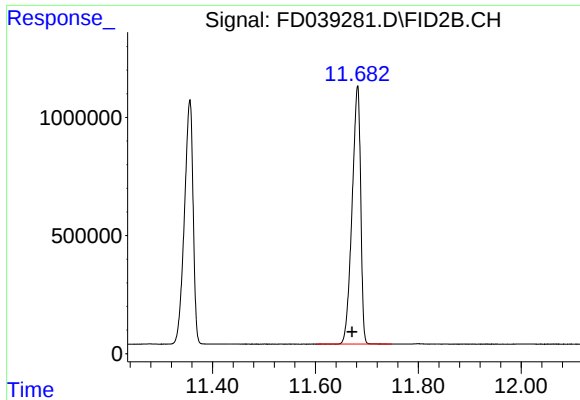
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.007 min
Response: 11855782
Conc: 100.36 ug/ml



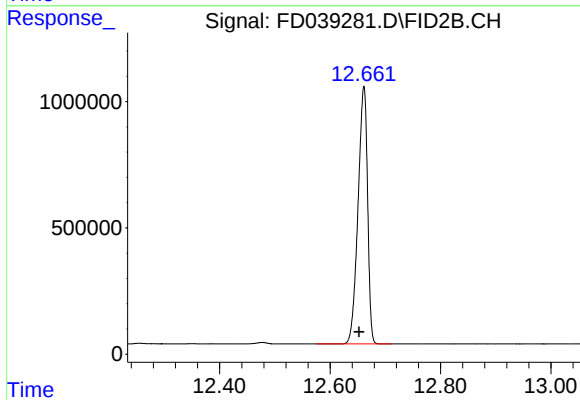
#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: 0.009 min
Response: 12099354
Conc: 100.44 ug/ml



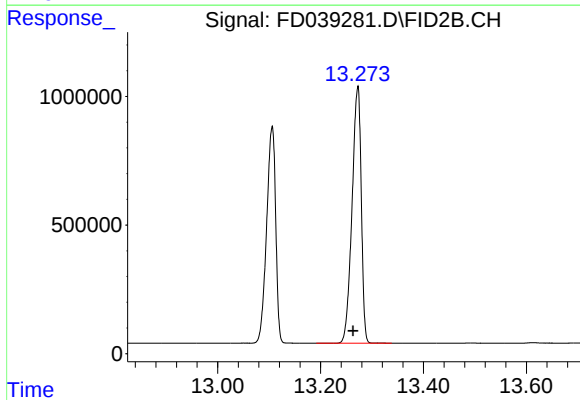
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.010 min
Response: 12608778
Conc: 100.29 ug/ml



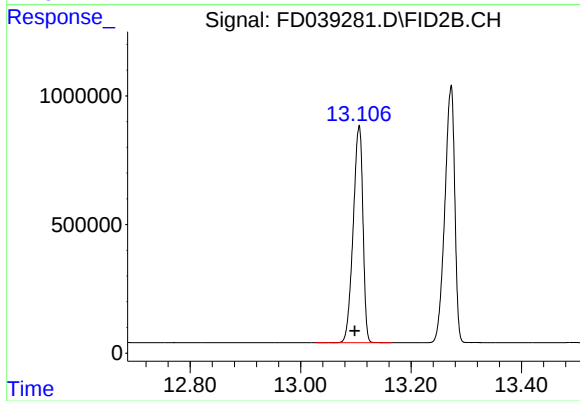
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.008 min
Response: 12191071
Conc: 100.48 ug/ml



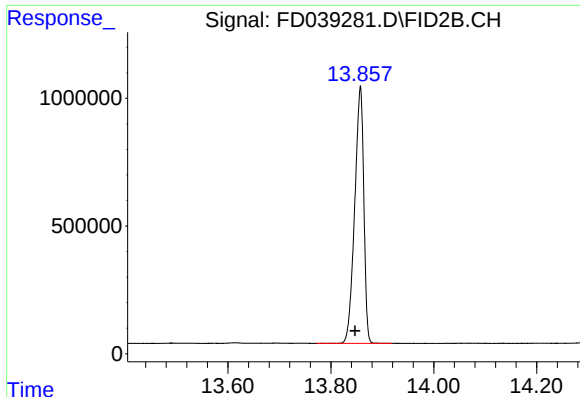
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: 0.009 min
Response: 12406679
Conc: 100.58 ug/ml



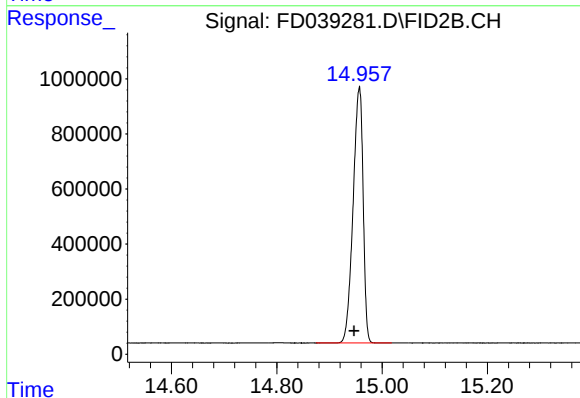
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: 0.008 min
Response: 10299787
Conc: 100.61 ug/ml



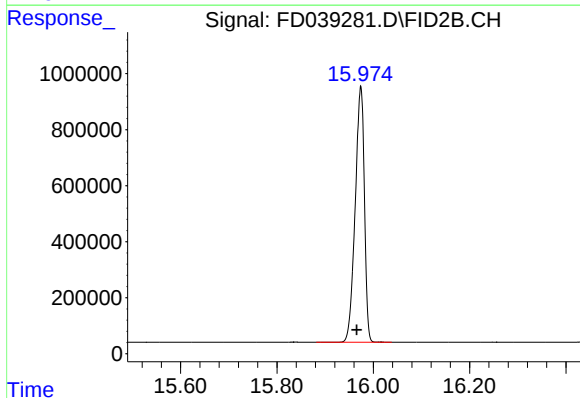
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: 0.010 min
Response: 12319529
Conc: 100.60 ug/ml



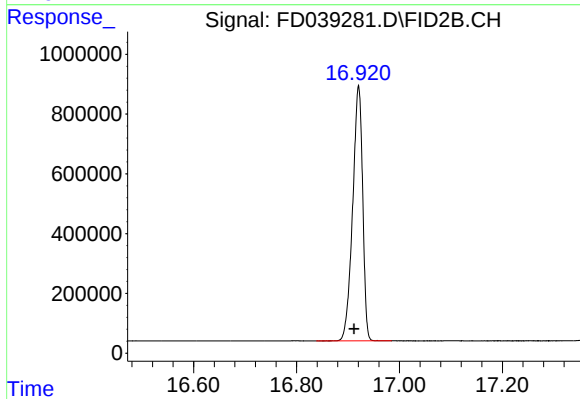
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: 0.009 min
Response: 12276905
Conc: 100.25 ug/ml



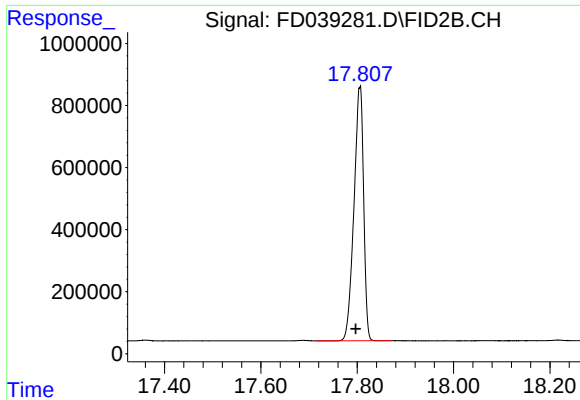
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: 0.009 min
Response: 12146923
Conc: 99.95 ug/ml



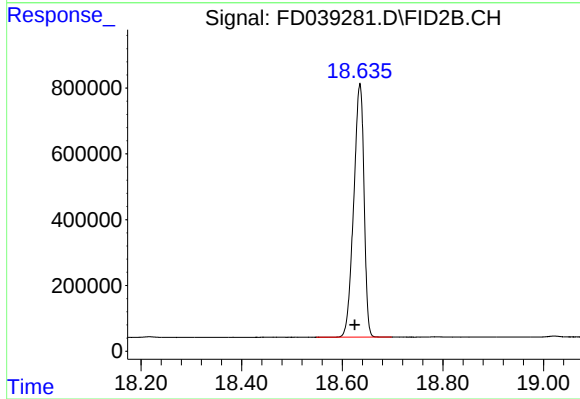
#16 n-Octacosane (C28)

R.T.: 16.920 min
Delta R.T.: 0.009 min
Response: 11502364
Conc: 99.73 ug/ml



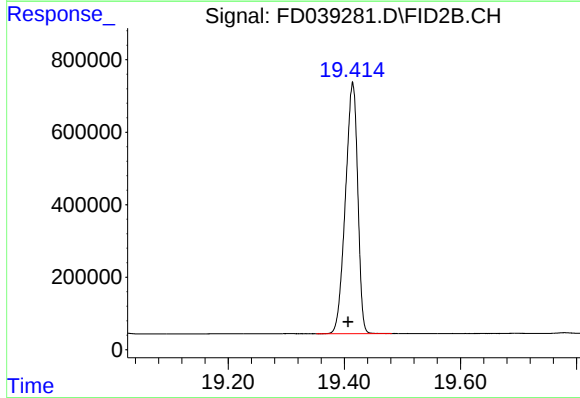
#17 n-Tricontane (C30)

R.T.: 17.805 min
Delta R.T.: 0.009 min
Response: 11453150
Conc: 98.00 ug/ml



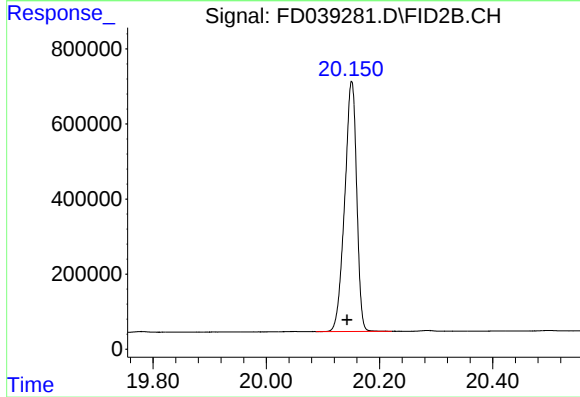
#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: 0.010 min
Response: 10963975
Conc: 96.48 ug/ml



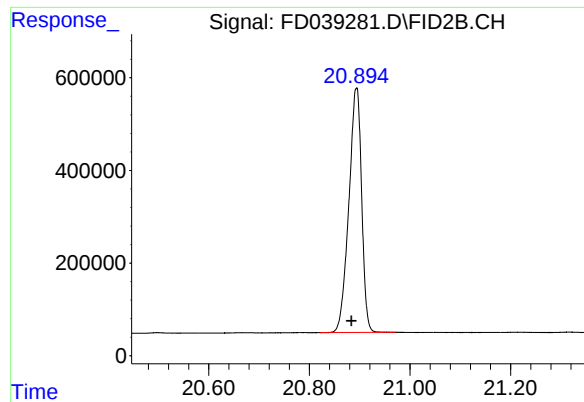
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: 0.008 min
Response: 10196391
Conc: 96.92 ug/ml



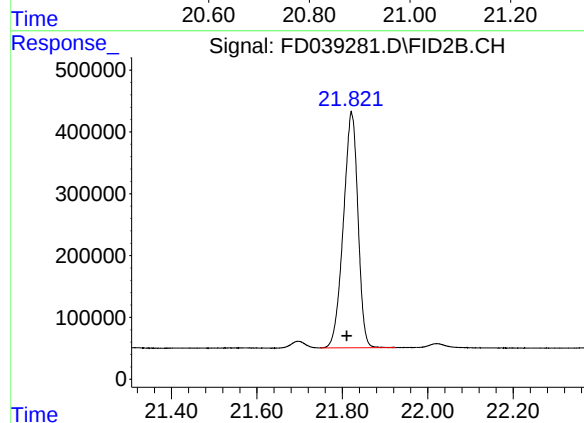
#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: 0.008 min
Response: 9791735
Conc: 96.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.893 min
Delta R.T.: 0.010 min
Response: 9312307
Conc: 98.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.822 min
Delta R.T.: 0.011 min
Response: 9036852
Conc: 98.09 ug/ml