

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AL\
 Data File : FD039778.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 7:33
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 10:36:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 10:35:27 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)	11.484	14098571	101.761 ug/ml
Spiked Amount 50.000		Recovery =	203.52%
12) S 1-chlorooctadecane (S...	12.913	11236143	103.511 ug/ml
Spiked Amount 50.000		Recovery =	207.02%
Target Compounds			
1) T n-Nonane (C9)	3.279	12306516	100.934 ug/ml
2) T n-Decane (C10)	4.341	12412457	101.407 ug/ml
3) T A~Naphthalene (C11.7)	5.918	13830978	104.413 ug/ml
4) T n-Dodecane (C12)	6.350	12411946	101.760 ug/ml
5) T A~2-methylnaphthalene...	6.971	13938937	104.710 ug/ml
6) T n-Tetradecane (C14)	8.137	12532934	102.611 ug/ml
7) T n-Hexadecane (C16)	9.731	12680296	102.844 ug/ml
8) T n-Octadecane (C18)	11.169	13157844	102.550 ug/ml
10) T n-Eicosane (C20)	12.472	13224632	102.493 ug/ml
11) T n-Heneicosane (C21)	13.082	13463906	102.192 ug/ml
13) T n-Docosane (C22)	13.665	13453008	102.119 ug/ml
14) T n-Tetracosane (C24)	14.762	13658791	100.873 ug/ml
15) T n-Hexacosane (C26)	15.779	13486404	100.767 ug/ml
16) T n-Octacosane (C28)	16.724	13292088	100.673 ug/ml
17) T n-Tricontane (C30)	17.607	12763937	101.150 ug/ml
18) T n-Dotriacontane (C32)	18.434	11899744	102.279 ug/ml
19) T n-Tetratriacontane (C34)	19.213	11216755	104.160 ug/ml
20) T n-Hexatriacontane (C36)	19.949	10257438	103.971 ug/ml
21) T n-Octatriacontane (C38)	20.660	9593061	102.665 ug/ml
22) T n-Tetracontane (C40)	21.516	9400551	110.811 ug/ml

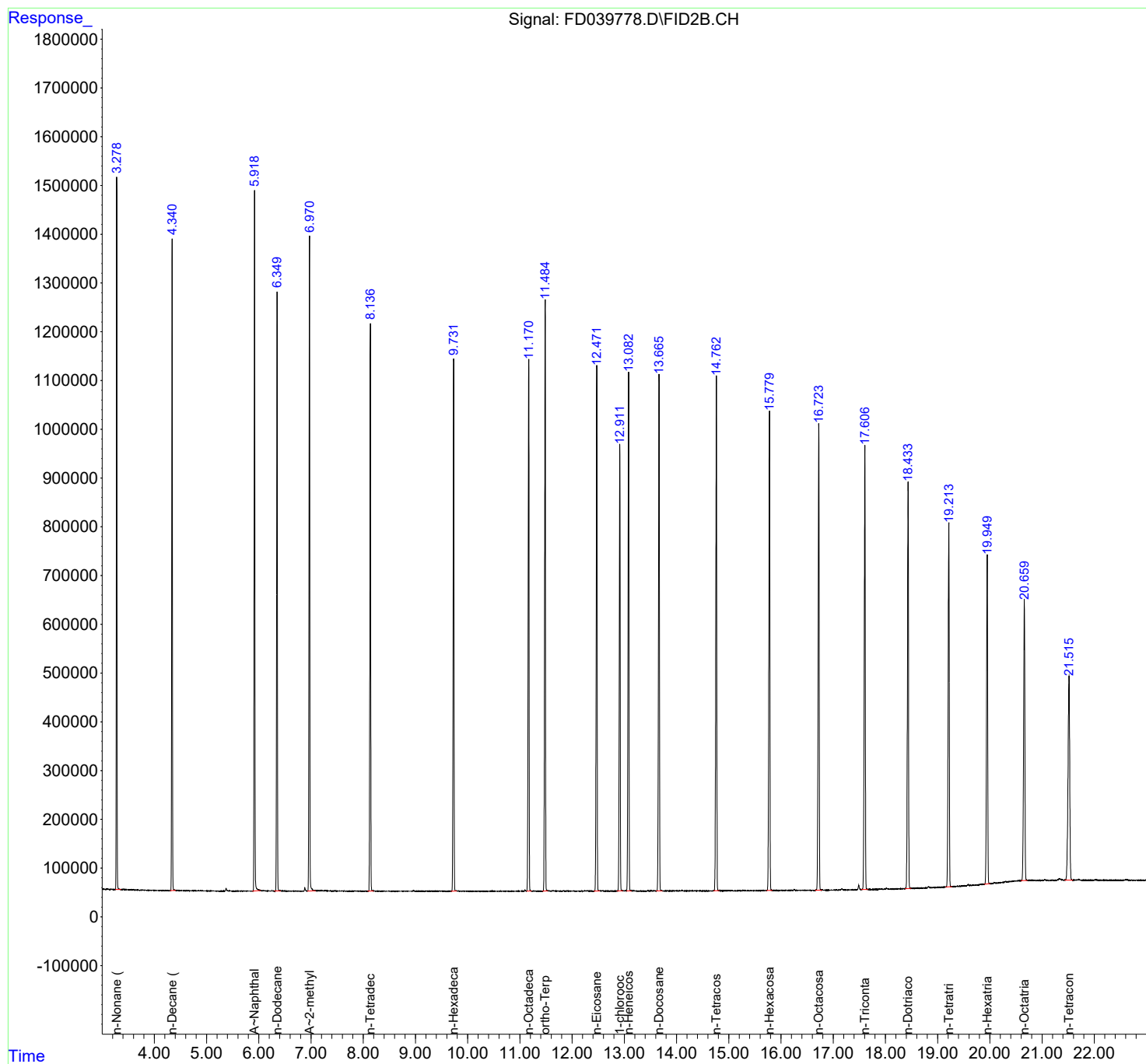
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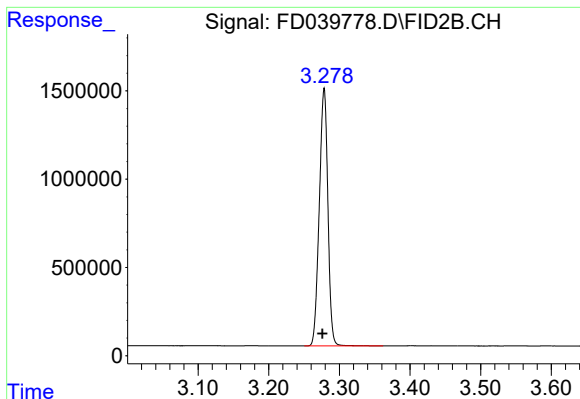
(m)=manual int.

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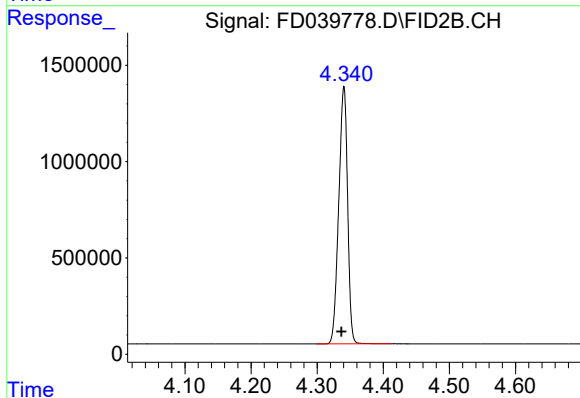
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Signal Info : 20M x 0.18mm x 0.18um





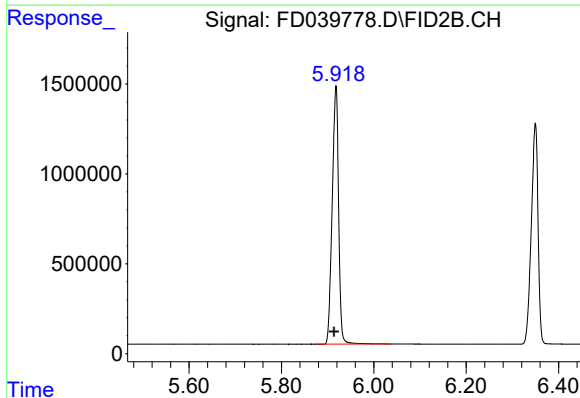
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 12306516
Conc: 100.93 ug/ml



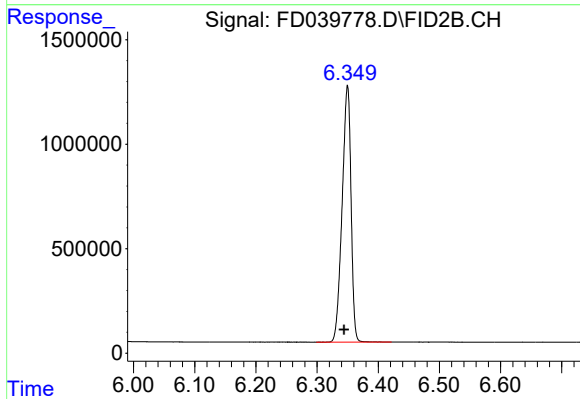
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.004 min
Response: 12412457
Conc: 101.41 ug/ml



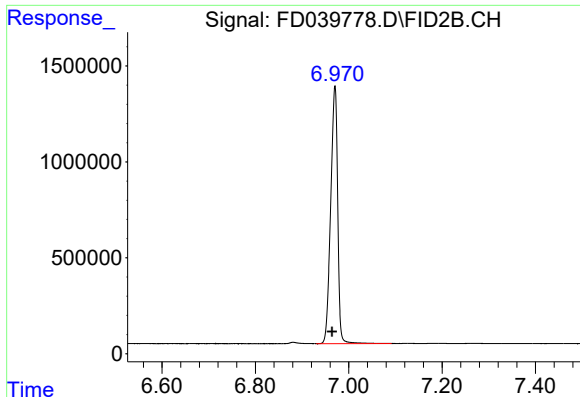
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.004 min
Response: 13830978
Conc: 104.41 ug/ml



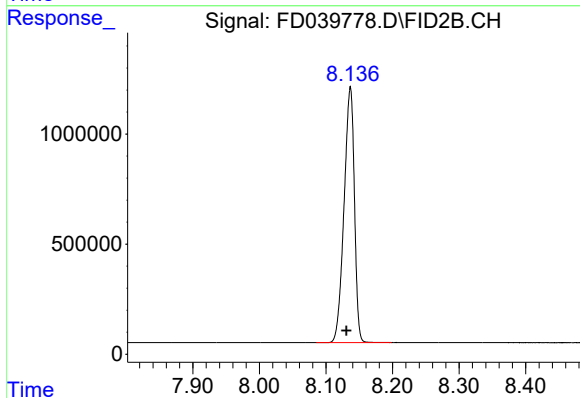
#4 n-Dodecane (C12)

R.T.: 6.350 min
Delta R.T.: 0.006 min
Response: 12411946
Conc: 101.76 ug/ml



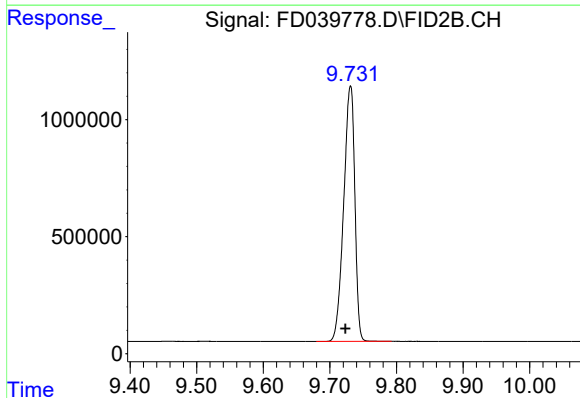
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: 0.006 min
Response: 13938937
Conc: 104.71 ug/ml



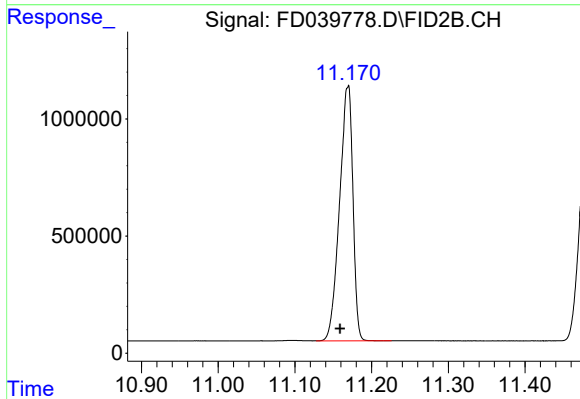
#6 n-Tetradecane (C14)

R.T.: 8.137 min
Delta R.T.: 0.006 min
Response: 12532934
Conc: 102.61 ug/ml



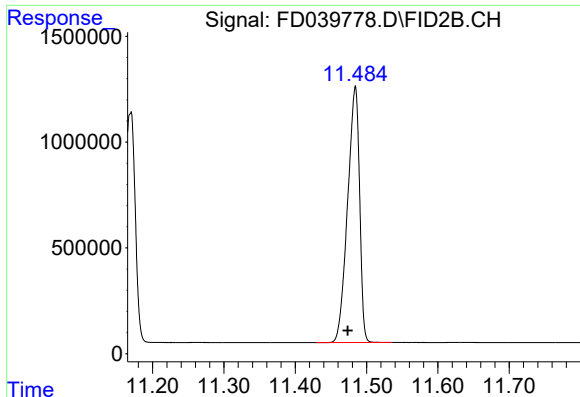
#7 n-Hexadecane (C16)

R.T.: 9.731 min
Delta R.T.: 0.008 min
Response: 12680296
Conc: 102.84 ug/ml



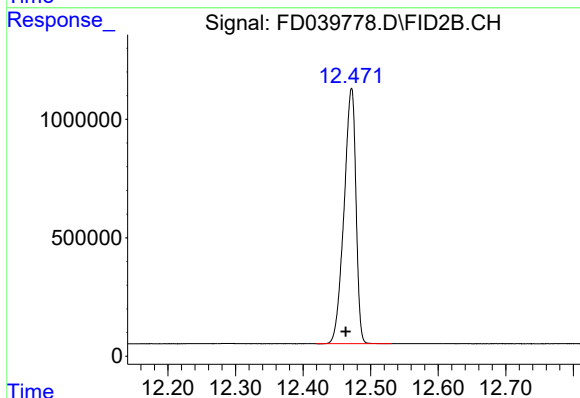
#8 n-Octadecane (C18)

R.T.: 11.169 min
Delta R.T.: 0.010 min
Response: 13157844
Conc: 102.55 ug/ml



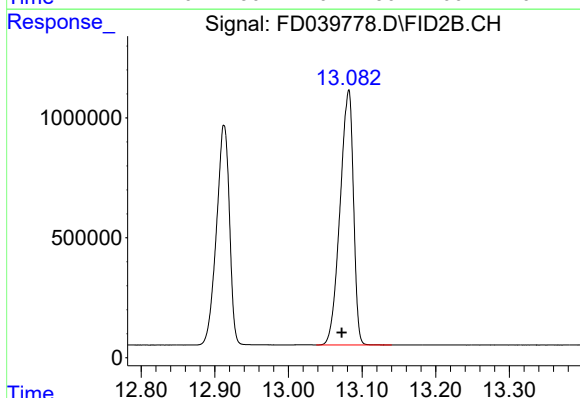
#9 ortho-Terphenyl (SURR)

R.T.: 11.484 min
Delta R.T.: 0.011 min
Response: 14098571
Conc: 101.76 ug/ml



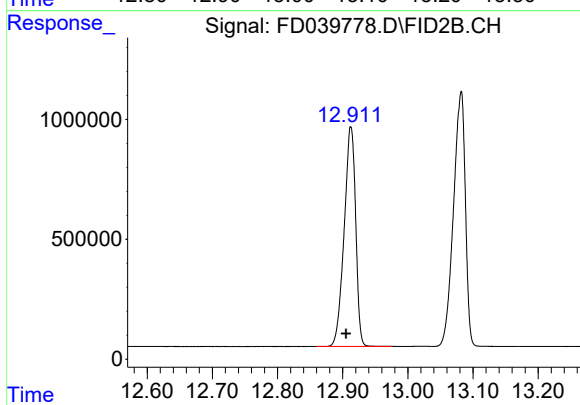
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: 0.009 min
Response: 13224632
Conc: 102.49 ug/ml



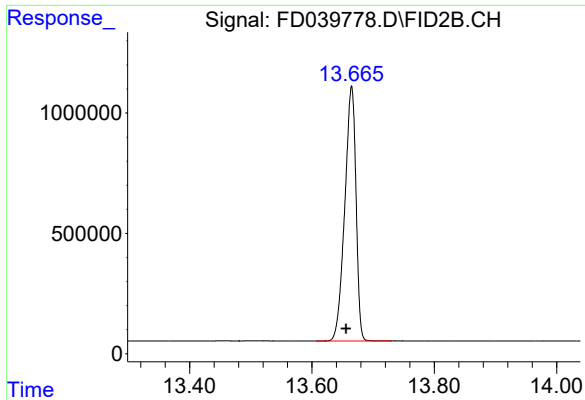
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: 0.009 min
Response: 13463906
Conc: 102.19 ug/ml



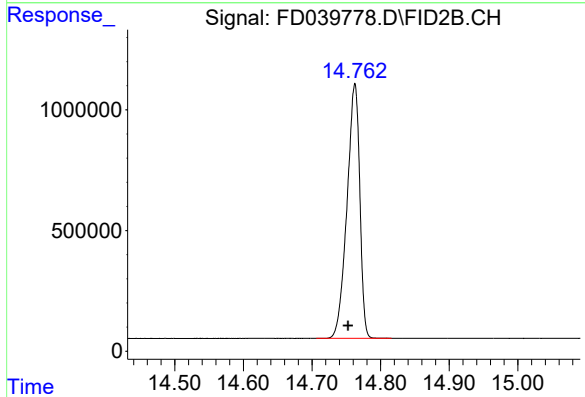
#12 1-chlorooctadecane (SURR)

R.T.: 12.913 min
Delta R.T.: 0.007 min
Response: 11236143
Conc: 103.51 ug/ml



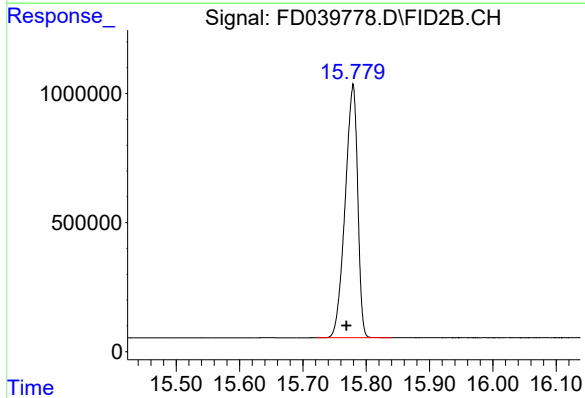
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: 0.009 min
Response: 13453008
Conc: 102.12 ug/ml



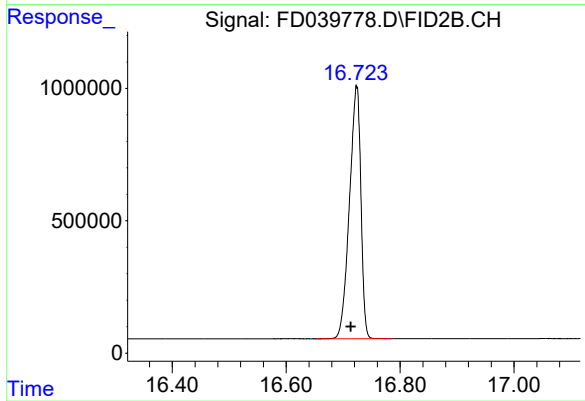
#14 n-Tetracosane (C24)

R.T.: 14.762 min
Delta R.T.: 0.010 min
Response: 13658791
Conc: 100.87 ug/ml



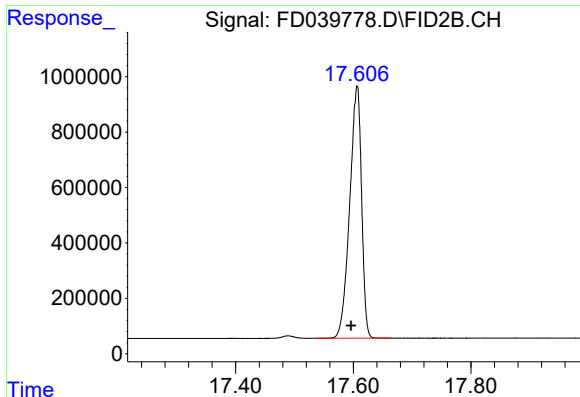
#15 n-Hexacosane (C26)

R.T.: 15.779 min
Delta R.T.: 0.010 min
Response: 13486404
Conc: 100.77 ug/ml



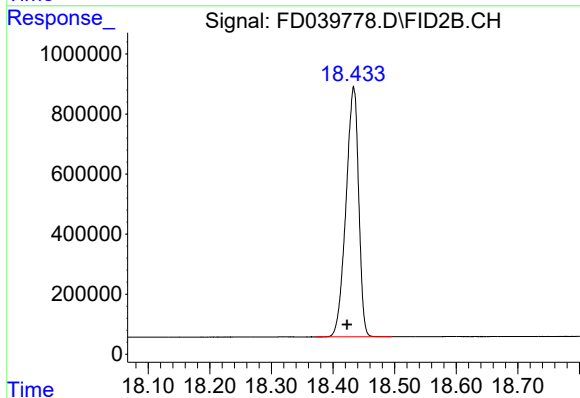
#16 n-Octacosane (C28)

R.T.: 16.724 min
Delta R.T.: 0.010 min
Response: 13292088
Conc: 100.67 ug/ml



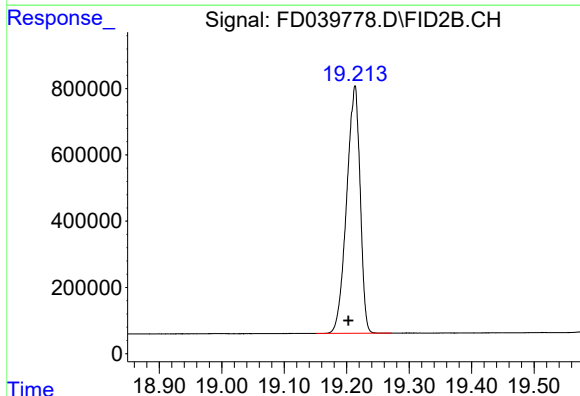
#17 n-Tricontane (C30)

R.T.: 17.607 min
Delta R.T.: 0.010 min
Response: 12763937
Conc: 101.15 ug/ml



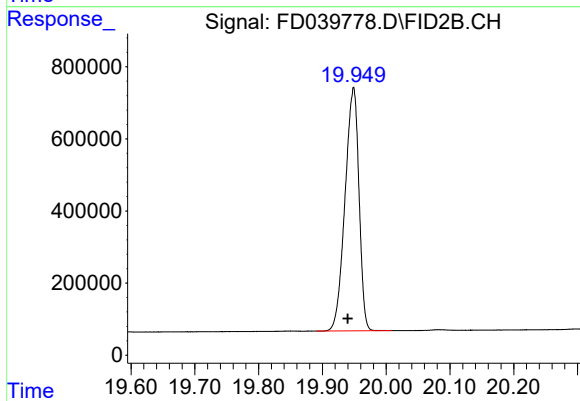
#18 n-Dotriacontane (C32)

R.T.: 18.434 min
Delta R.T.: 0.011 min
Response: 11899744
Conc: 102.28 ug/ml



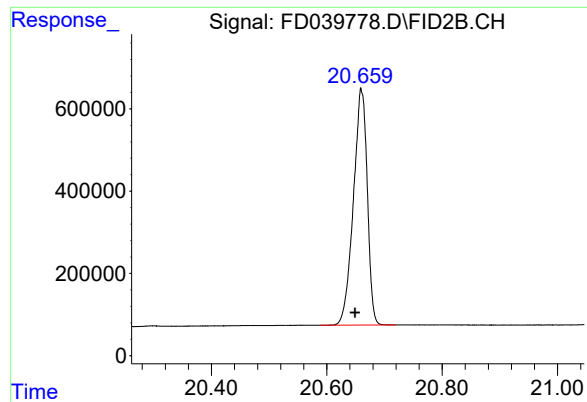
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min
Delta R.T.: 0.010 min
Response: 11216755
Conc: 104.16 ug/ml



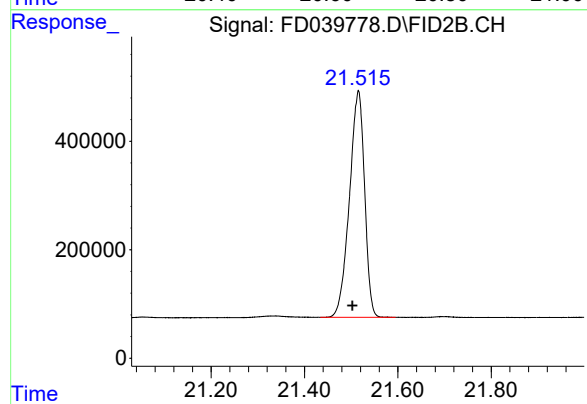
#20 n-Hexatriacontane (C36)

R.T.: 19.949 min
Delta R.T.: 0.009 min
Response: 10257438
Conc: 103.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.660 min
Delta R.T.: 0.011 min
Response: 9593061
Conc: 102.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.516 min
Delta R.T.: 0.013 min
Response: 9400551
Conc: 110.81 ug/ml