

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050521AL\
 Data File : FE033711.D
 Signal(s) : FID1B.CH
 Acq On : 05 May 2021 15:23
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 06 01:49:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 050521.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 01:48:04 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)	11.655	22488028	50.490 ug/ml
Spiked Amount 50.000		Recovery =	100.98%
12) S 1-chlorooctadecane (S...	13.086	17580762	50.538 ug/ml
Spiked Amount 50.000		Recovery =	101.08%
Target Compounds			
1) T n-Nonane (C9)	3.434	19184959	50.236 ug/ml
2) T n-Decane (C10)	4.477	19360126	50.286 ug/ml
3) T A~Naphthalene (C11.7)	6.056	21749229	50.471 ug/ml
4) T n-Dodecane (C12)	6.483	19774335	50.412 ug/ml
5) T A~2-methylnaphthalene...	7.114	22373533	50.666 ug/ml
6) T n-Tetradecane (C14)	8.281	19970682	50.500 ug/ml
7) T n-Hexadecane (C16)	9.885	19877159	50.466 ug/ml
8) T n-Octadecane (C18)	11.331	20824650	50.437 ug/ml
10) T n-Eicosane (C20)	12.640	21084918	50.359 ug/ml
11) T n-Heneicosane (C21)	13.254	21094646	50.368 ug/ml
13) T n-Docosane (C22)	13.841	21187134	50.376 ug/ml
14) T n-Tetracosane (C24)	14.945	21317465	50.369 ug/ml
15) T n-Hexacosane (C26)	15.967	21271602	50.376 ug/ml
16) T n-Octacosane (C28)	16.918	21383922	50.407 ug/ml
17) T n-Tricontane (C30)	17.808	21337158	50.346 ug/ml
18) T n-Dotriacontane (C32)	18.642	20919023	50.344 ug/ml
19) T n-Tetratriacontane (C34)	19.427	20578383	50.468 ug/ml
20) T n-Hexatriacontane (C36)	20.168	19570350	50.481 ug/ml
21) T n-Octatriacontane (C38)	20.914	18018979	51.029 ug/ml
22) T n-Tetracontane (C40)	21.852	17621322	51.557 ug/ml

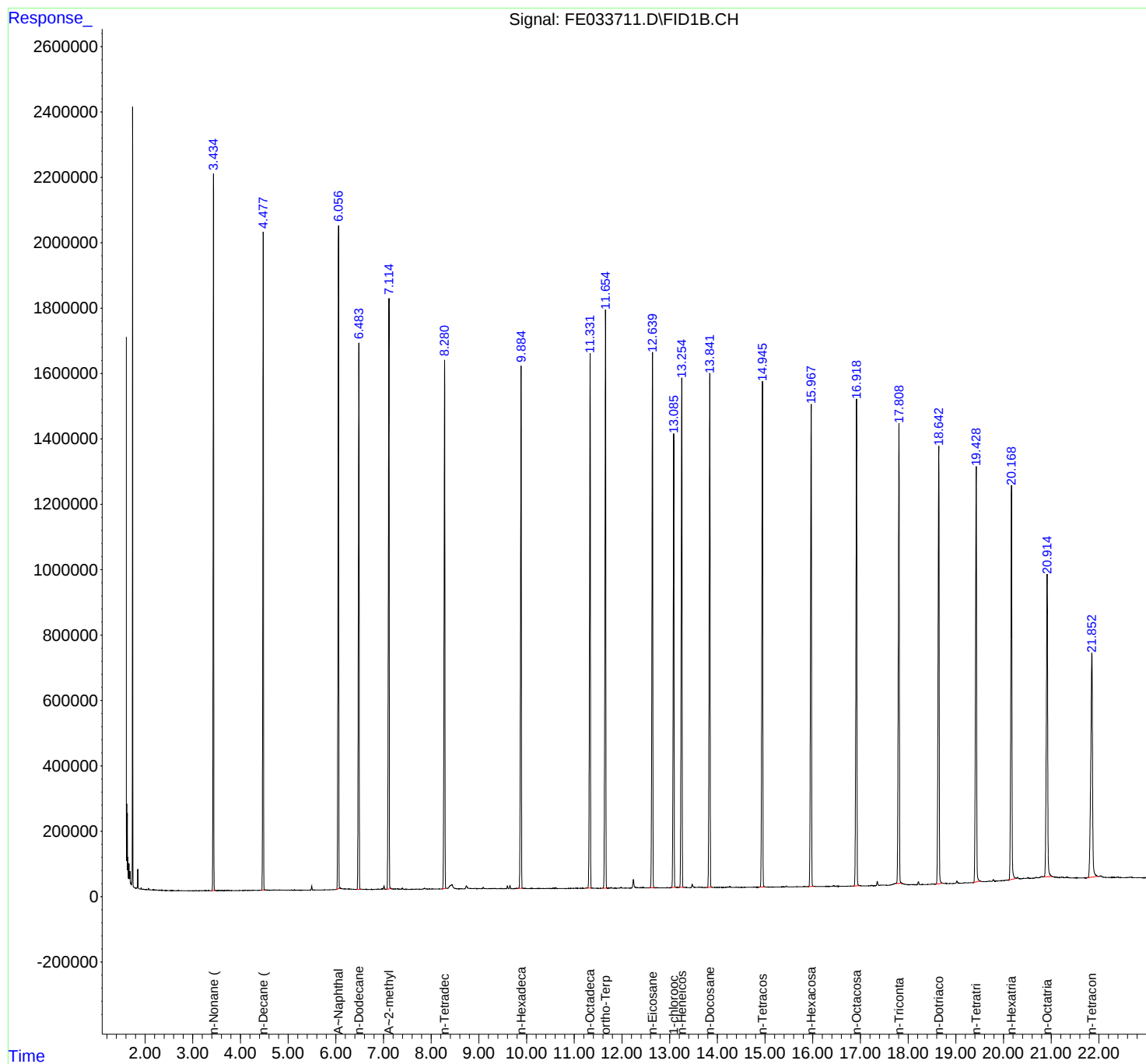
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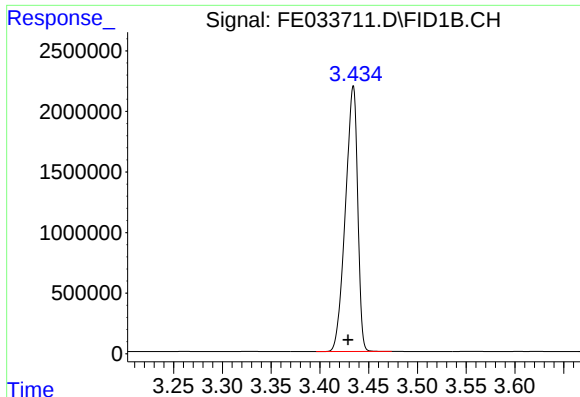
(m)=manual int.

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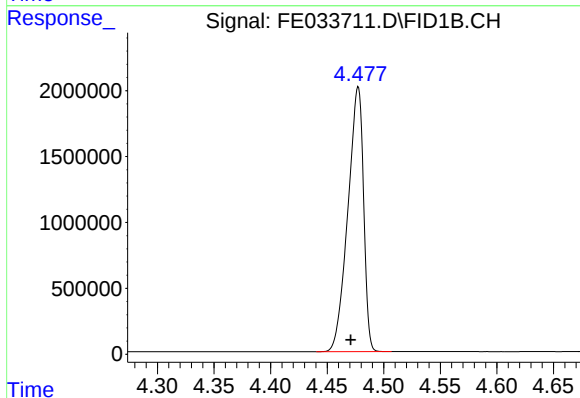
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Signal Info : 20M x 0.18mm x 0.18um





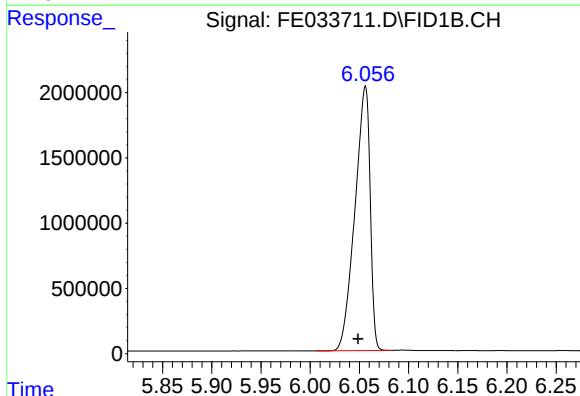
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: 0.005 min
Response: 19184959
Conc: 50.24 ug/ml



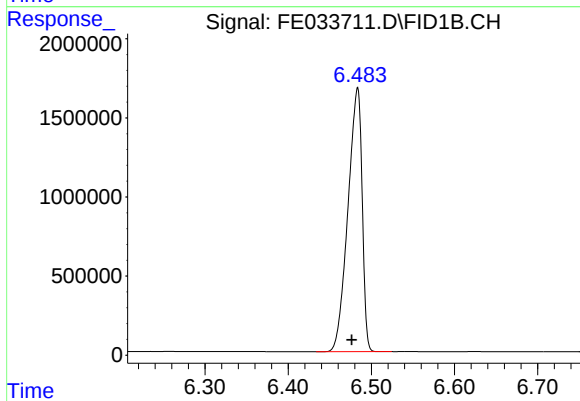
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: 0.006 min
Response: 19360126
Conc: 50.29 ug/ml



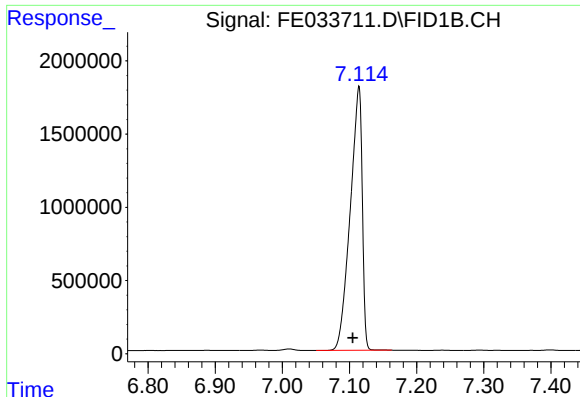
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: 0.007 min
Response: 21749229
Conc: 50.47 ug/ml



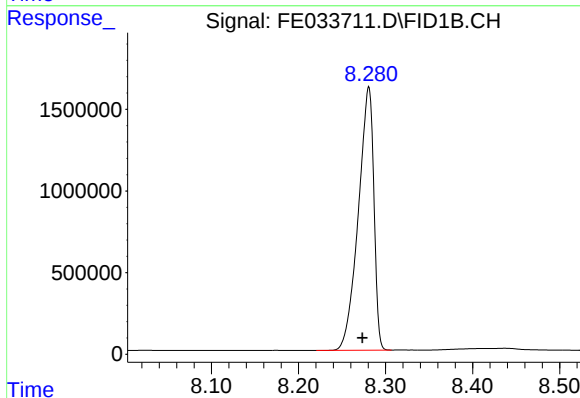
#4 n-Dodecane (C12)

R.T.: 6.483 min
Delta R.T.: 0.007 min
Response: 19774335
Conc: 50.41 ug/ml



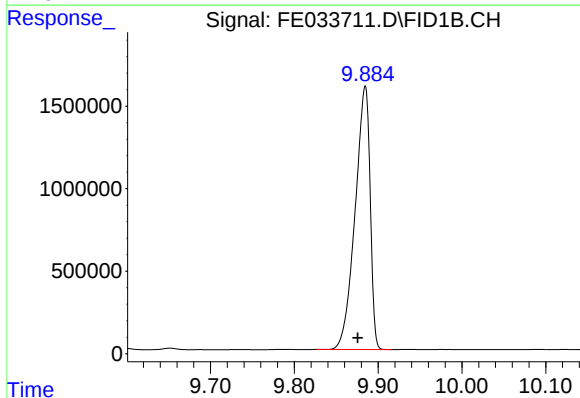
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.114 min
Delta R.T.: 0.009 min
Response: 22373533
Conc: 50.67 ug/ml



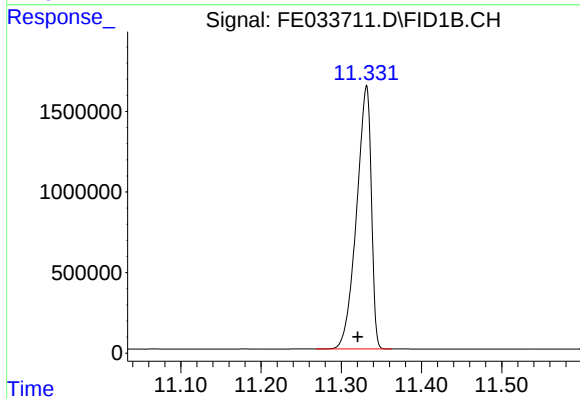
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: 0.007 min
Response: 19970682
Conc: 50.50 ug/ml



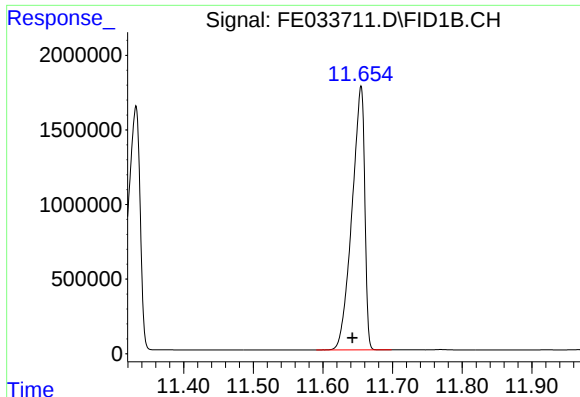
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.009 min
Response: 19877159
Conc: 50.47 ug/ml



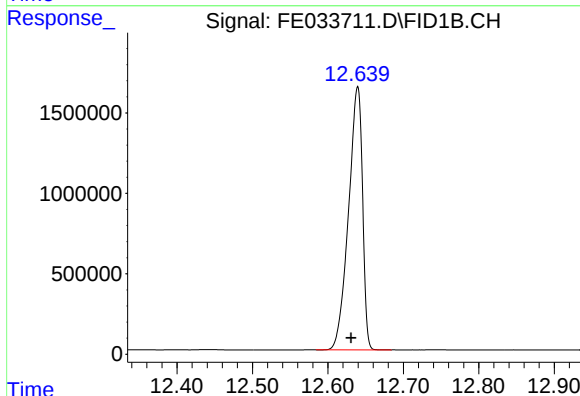
#8 n-Octadecane (C18)

R.T.: 11.331 min
Delta R.T.: 0.011 min
Response: 20824650
Conc: 50.44 ug/ml



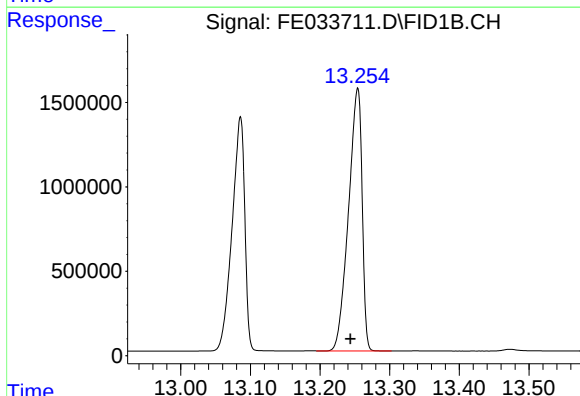
#9 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: 0.012 min
Response: 22488028
Conc: 50.49 ug/ml



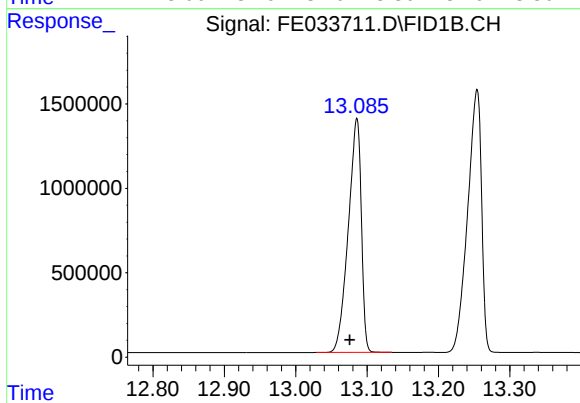
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: 0.009 min
Response: 21084918
Conc: 50.36 ug/ml



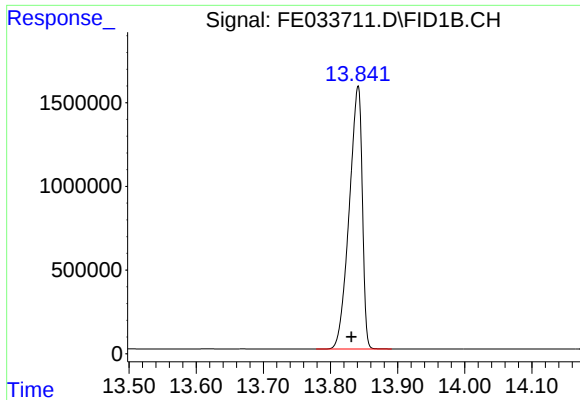
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: 0.010 min
Response: 21094646
Conc: 50.37 ug/ml



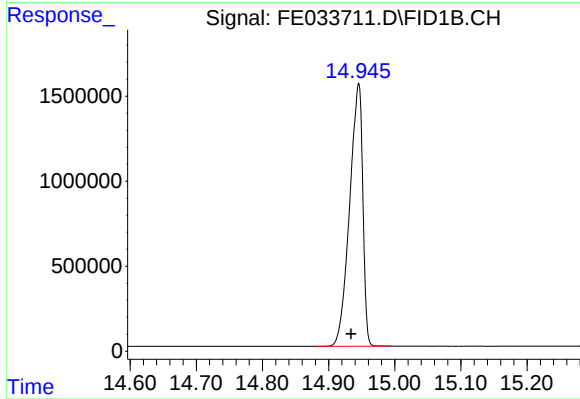
#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: 0.010 min
Response: 17580762
Conc: 50.54 ug/ml



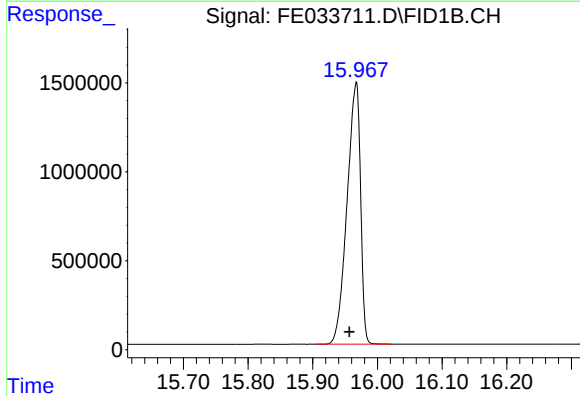
#13 n-Docosane (C22)

R.T.: 13.841 min
Delta R.T.: 0.010 min
Response: 21187134
Conc: 50.38 ug/ml



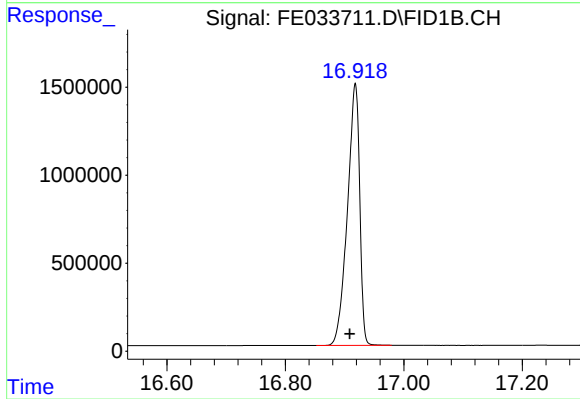
#14 n-Tetracosane (C24)

R.T.: 14.945 min
Delta R.T.: 0.012 min
Response: 21317465
Conc: 50.37 ug/ml



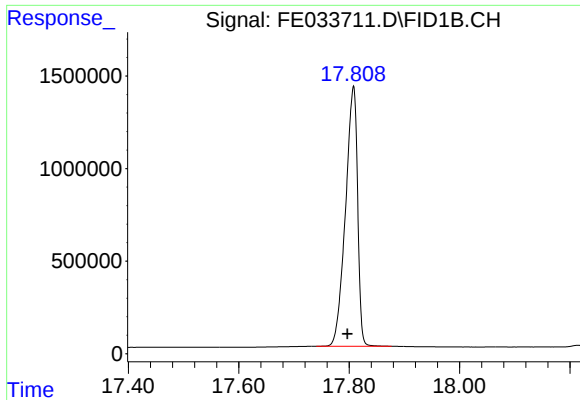
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: 0.010 min
Response: 21271602
Conc: 50.38 ug/ml



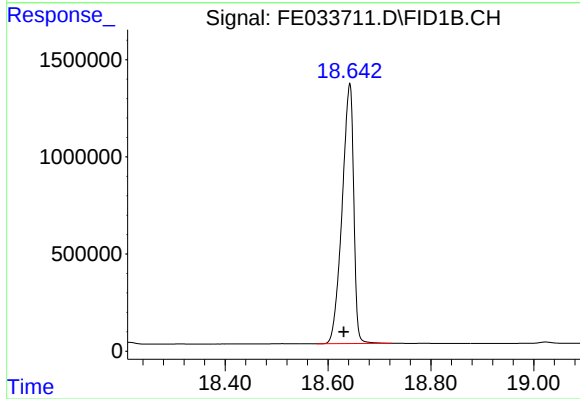
#16 n-Octacosane (C28)

R.T.: 16.918 min
Delta R.T.: 0.010 min
Response: 21383922
Conc: 50.41 ug/ml



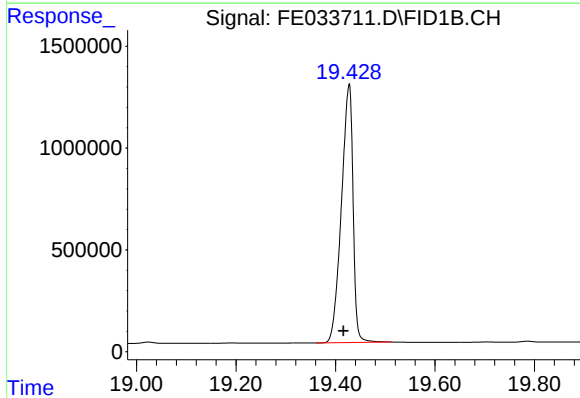
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: 0.011 min
Response: 21337158
Conc: 50.35 ug/ml



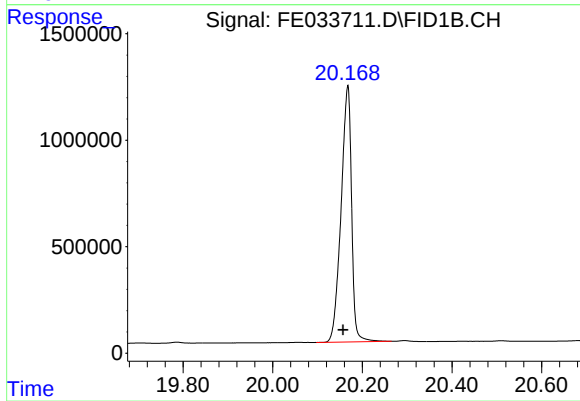
#18 n-Dotriacontane (C32)

R.T.: 18.642 min
Delta R.T.: 0.012 min
Response: 20919023
Conc: 50.34 ug/ml



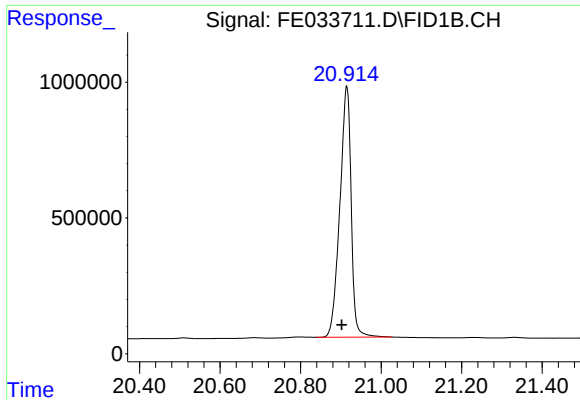
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: 0.012 min
Response: 20578383
Conc: 50.47 ug/ml



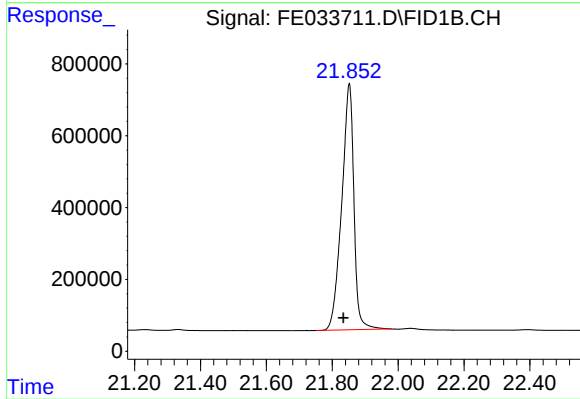
#20 n-Hexatriacontane (C36)

R.T.: 20.168 min
Delta R.T.: 0.011 min
Response: 19570350
Conc: 50.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: 0.012 min
Response: 18018979
Conc: 51.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.852 min
Delta R.T.: 0.018 min
Response: 17621322
Conc: 51.56 ug/ml