

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050521AL\
 Data File : FE033710.D
 Signal(s) : FID1B.CH
 Acq On : 05 May 2021 14:49
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 06 01:49:09 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)	11.668	45534610	102.234 ug/ml
Spiked Amount 50.000		Recovery =	204.47%
12) S 1-chlorooctadecane (S...	13.097	35654735	102.494 ug/ml
Spiked Amount 50.000		Recovery =	204.99%
Target Compounds			
1) T n-Nonane (C9)	3.441	38785324	101.560 ug/ml
2) T n-Decane (C10)	4.485	39190092	101.792 ug/ml
3) T A~Naphthalene (C11.7)	6.066	44084187	102.301 ug/ml
4) T n-Dodecane (C12)	6.492	40069857	102.153 ug/ml
5) T A~2-methylnaphthalene...	7.124	45463433	102.954 ug/ml
6) T n-Tetradecane (C14)	8.291	40535735	102.503 ug/ml
7) T n-Hexadecane (C16)	9.895	40345284	102.432 ug/ml
8) T n-Octadecane (C18)	11.344	42217713	102.252 ug/ml
10) T n-Eicosane (C20)	12.652	42604671	101.756 ug/ml
11) T n-Heneicosane (C21)	13.267	42655497	101.848 ug/ml
13) T n-Docosane (C22)	13.852	42825431	101.825 ug/ml
14) T n-Tetracosane (C24)	14.957	43101883	101.842 ug/ml
15) T n-Hexacosane (C26)	15.981	43020404	101.881 ug/ml
16) T n-Octacosane (C28)	16.933	43265622	101.988 ug/ml
17) T n-Tricontane (C30)	17.821	43149073	101.812 ug/ml
18) T n-Dotriacontane (C32)	18.657	42191680	101.538 ug/ml
19) T n-Tetratriacontane (C34)	19.442	41592370	102.003 ug/ml
20) T n-Hexatriacontane (C36)	20.183	39235174	101.206 ug/ml
21) T n-Octatriacontane (C38)	20.934	36335246	102.901 ug/ml
22) T n-Tetracontane (C40)	21.877	35444273	103.704 ug/ml

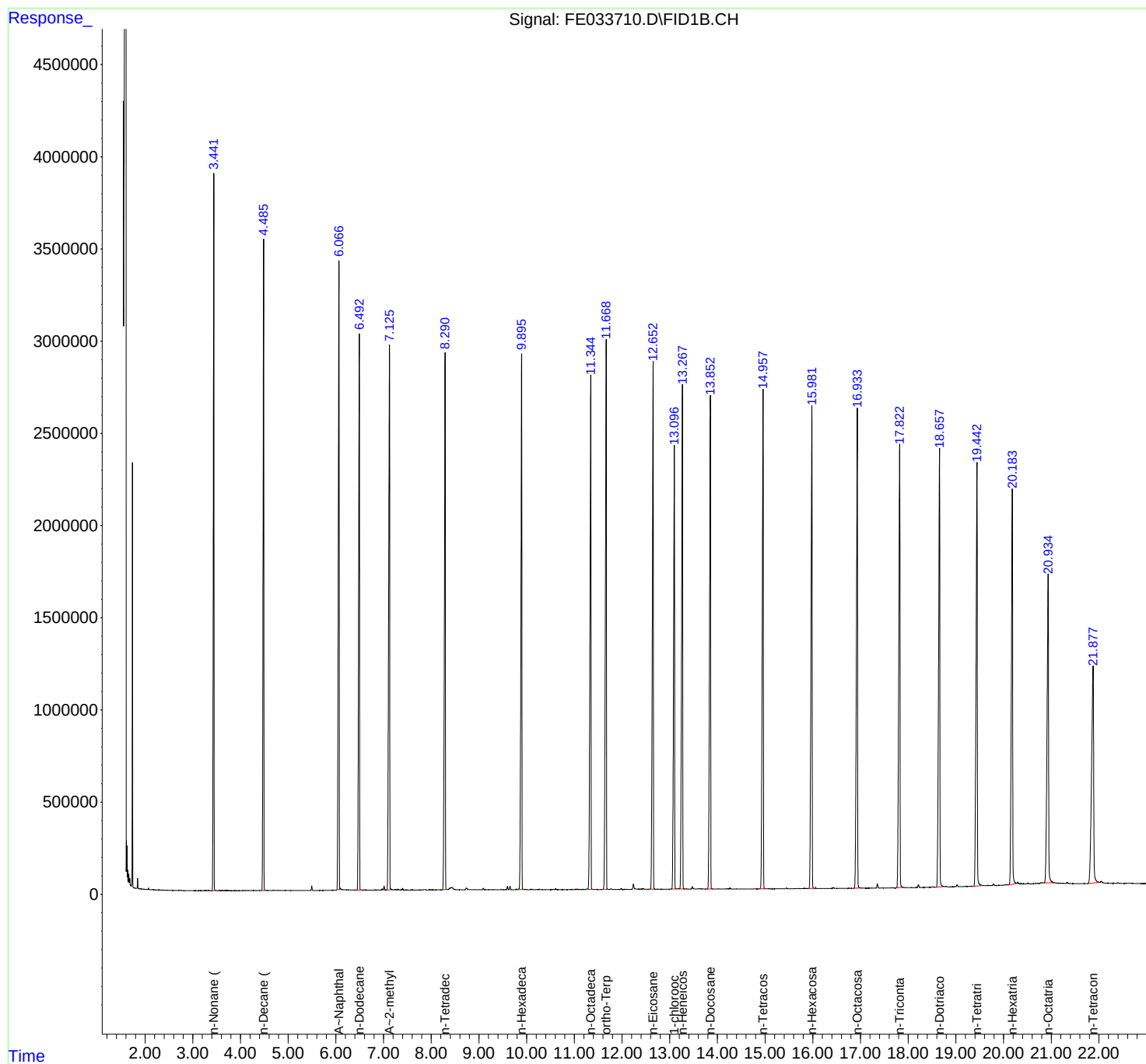
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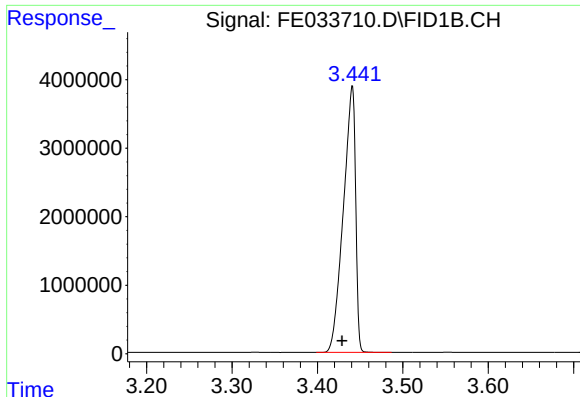
(m)=manual int.

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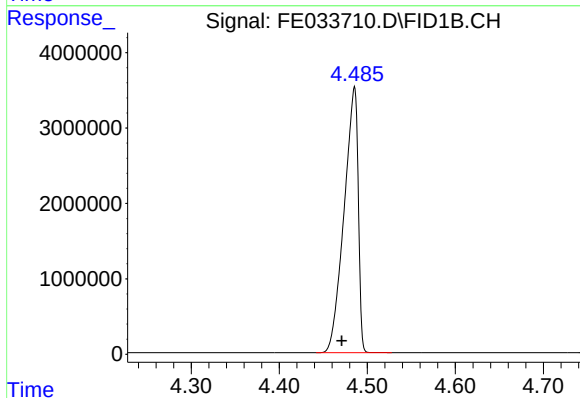
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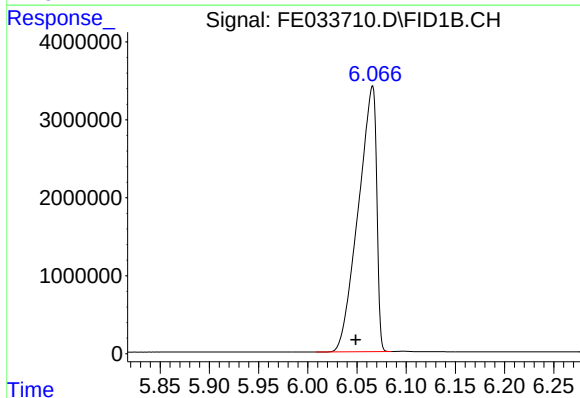
#1 n-Nonane (C9)

R.T.: 3.441 min
Delta R.T.: 0.012 min
Response: 38785324
Conc: 101.56 ug/ml



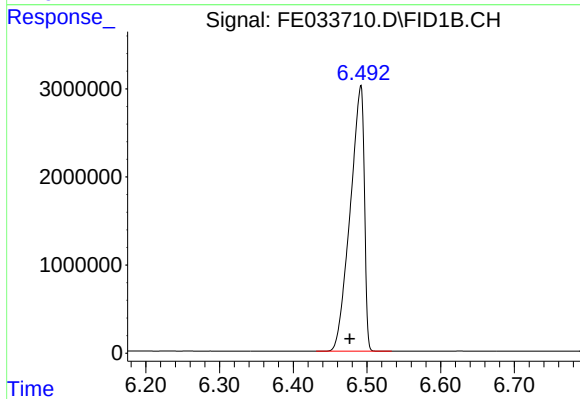
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.014 min
Response: 39190092
Conc: 101.79 ug/ml



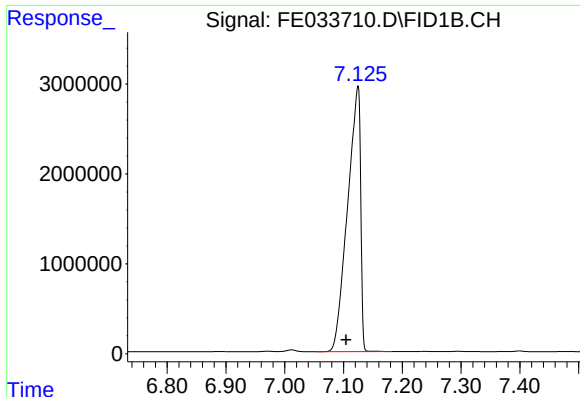
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.017 min
Response: 44084187
Conc: 102.30 ug/ml



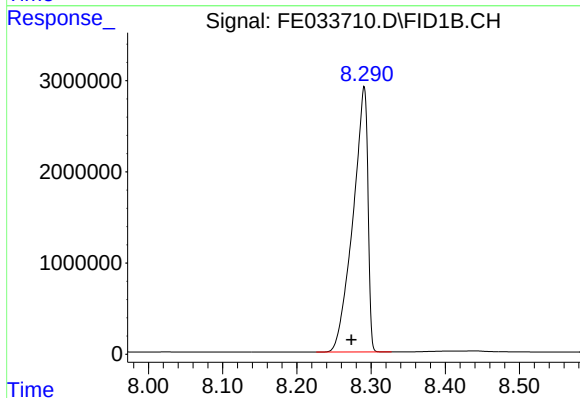
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: 0.015 min
Response: 40069857
Conc: 102.15 ug/ml



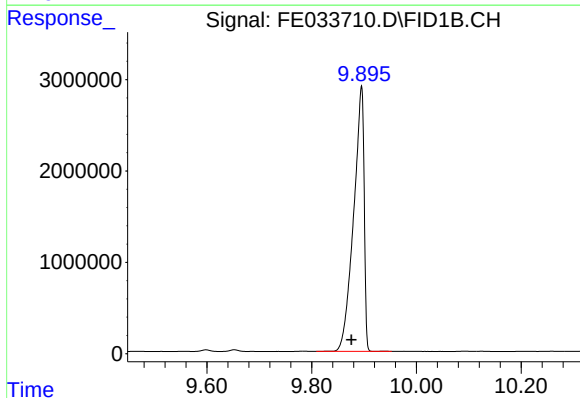
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.020 min
Response: 45463433
Conc: 102.95 ug/ml



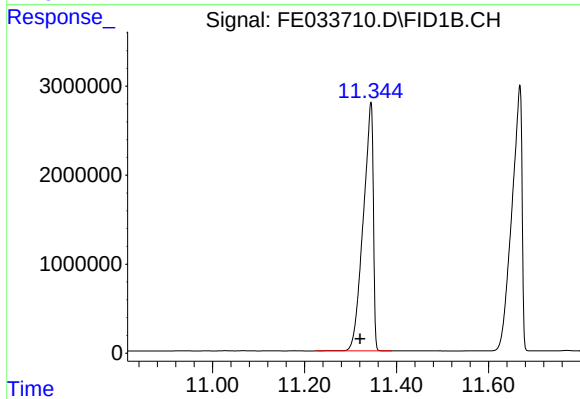
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.017 min
Response: 40535735
Conc: 102.50 ug/ml



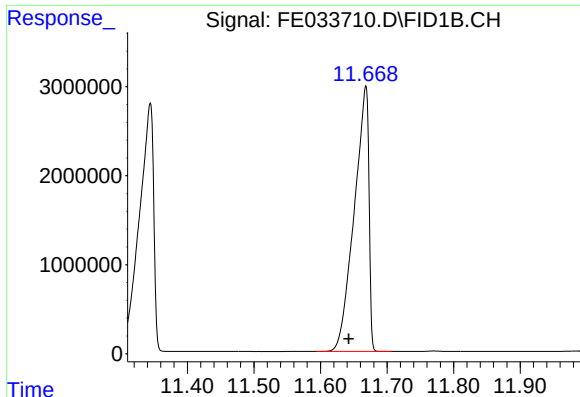
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.019 min
Response: 40345284
Conc: 102.43 ug/ml



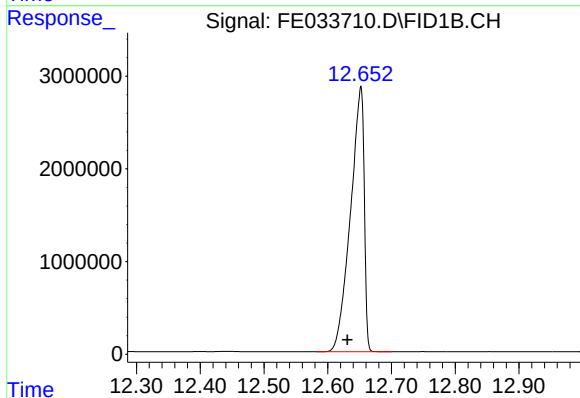
#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: 0.024 min
Response: 42217713
Conc: 102.25 ug/ml



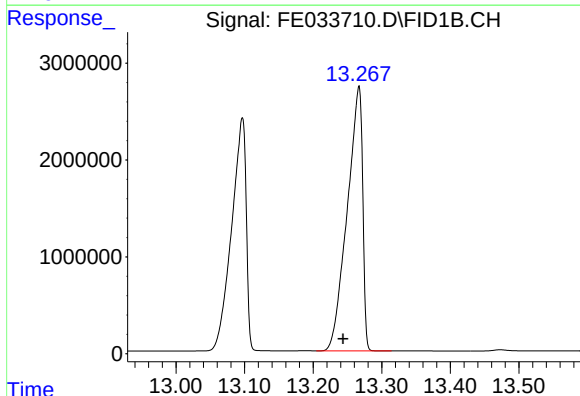
#9 ortho-Terphenyl (SURR)

R.T.: 11.668 min
Delta R.T.: 0.026 min
Response: 45534610
Conc: 102.23 ug/ml



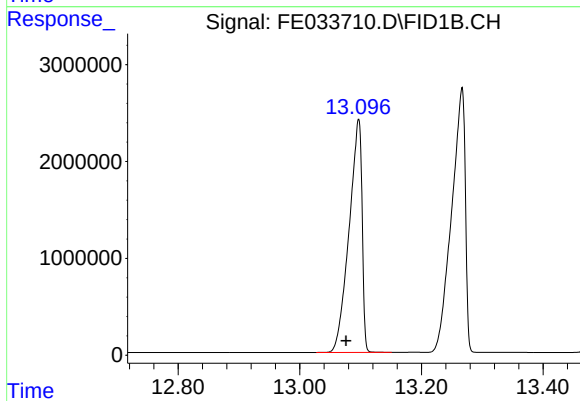
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: 0.021 min
Response: 42604671
Conc: 101.76 ug/ml



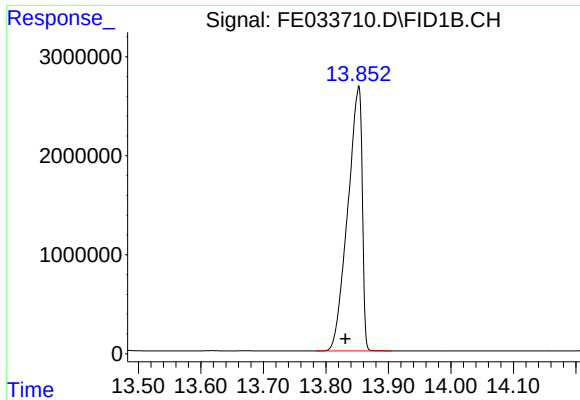
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: 0.023 min
Response: 42655497
Conc: 101.85 ug/ml



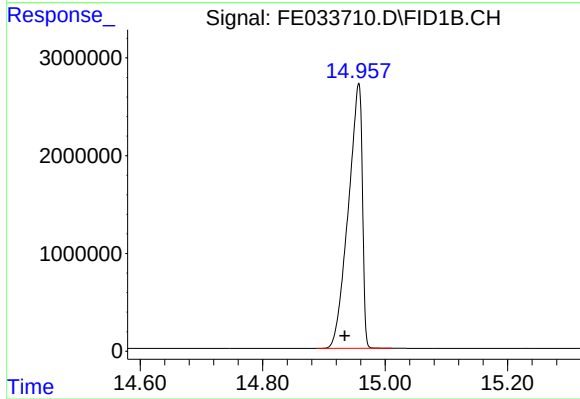
#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: 0.021 min
Response: 35654735
Conc: 102.49 ug/ml



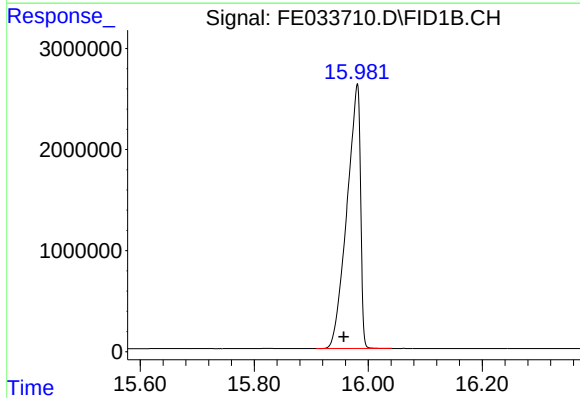
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: 0.021 min
Response: 42825431
Conc: 101.83 ug/ml



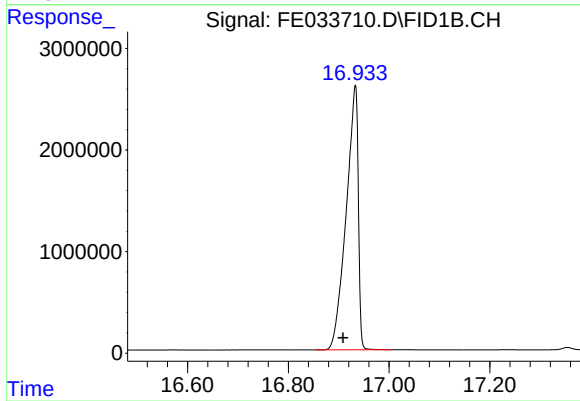
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.023 min
Response: 43101883
Conc: 101.84 ug/ml



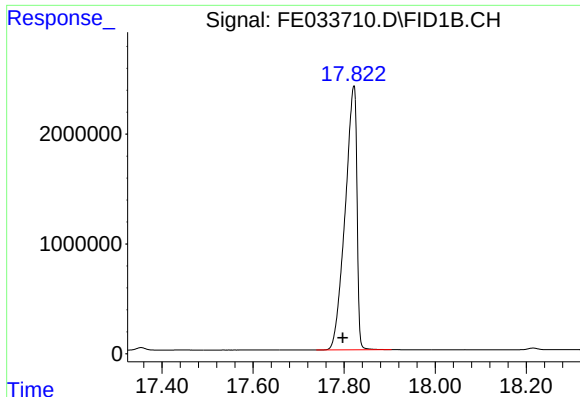
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: 0.024 min
Response: 43020404
Conc: 101.88 ug/ml



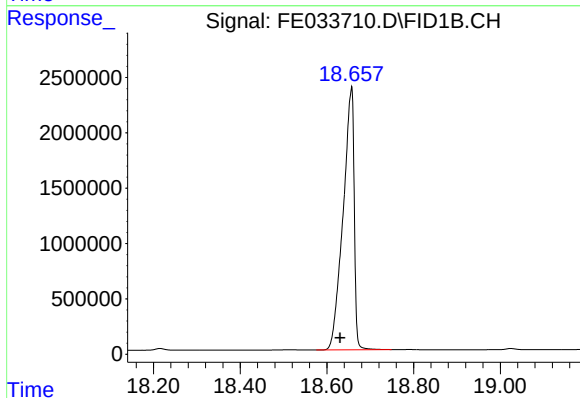
#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: 0.024 min
Response: 43265622
Conc: 101.99 ug/ml



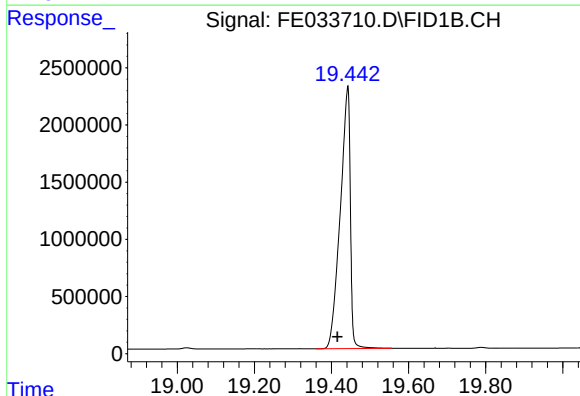
#17 n-Tricontane (C30)

R.T.: 17.821 min
Delta R.T.: 0.024 min
Response: 43149073
Conc: 101.81 ug/ml



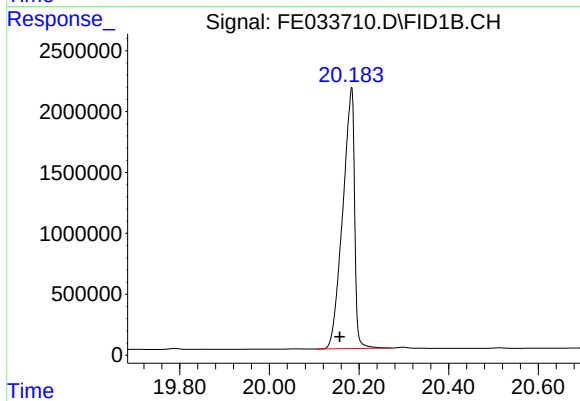
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: 0.026 min
Response: 42191680
Conc: 101.54 ug/ml



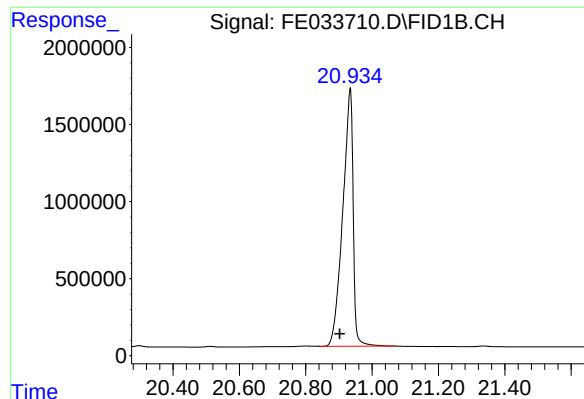
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.027 min
Response: 41592370
Conc: 102.00 ug/ml



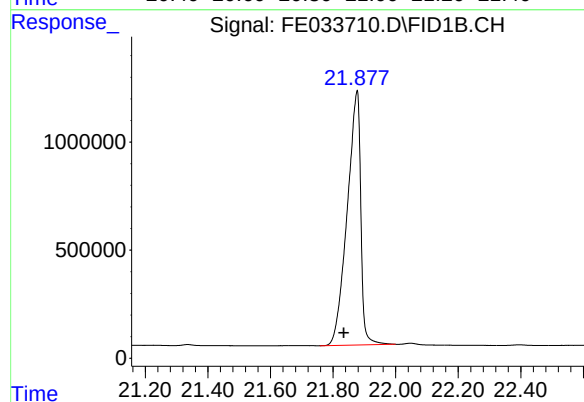
#20 n-Hexatriacontane (C36)

R.T.: 20.183 min
Delta R.T.: 0.026 min
Response: 39235174
Conc: 101.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: 0.032 min
Response: 36335246
Conc: 102.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: 0.043 min
Response: 35444273
Conc: 103.70 ug/ml