

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022322AL\
 Data File : FD041244.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2022 22:55
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 24 00:47:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 00:47:02 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)	11.252	8323526	48.322 ug/ml
Spiked Amount 50.000		Recovery =	96.64%
12) S 1-chlorooctadecane (S...	12.691	6537276	48.500 ug/ml
Spiked Amount 50.000		Recovery =	97.00%
Target Compounds			
1) T n-Nonane (C9)	3.113	7017911	48.408 ug/ml
2) T n-Decane (C10)	4.159	6978379	48.524 ug/ml
3) T A~Naphthalene (C11.7)	5.709	7909052	49.524 ug/ml
4) T n-Dodecane (C12)	6.156	7164480	48.518 ug/ml
5) T A~2-methylnaphthalene...	6.755	7987575	49.338 ug/ml
6) T n-Tetradecane (C14)	7.933	7239082	48.489 ug/ml
7) T n-Hexadecane (C16)	9.522	7353049	48.412 ug/ml
8) T n-Octadecane (C18)	10.954	7474593	48.320 ug/ml
10) T n-Eicosane (C20)	12.254	7467816	48.361 ug/ml
11) T n-Heneicosane (C21)	12.862	7512462	48.371 ug/ml
13) T n-Docosane (C22)	13.445	7517498	48.462 ug/ml
14) T n-Tetracosane (C24)	14.541	7500737	48.416 ug/ml
15) T n-Hexacosane (C26)	15.556	7357541	48.503 ug/ml
16) T n-Octacosane (C28)	16.499	7130754	48.571 ug/ml
17) T n-Tricontane (C30)	17.382	6722673	48.597 ug/ml
18) T n-Dotriacontane (C32)	18.210	6055145	48.762 ug/ml
19) T n-Tetratriacontane (C34)	18.988	5414445	48.550 ug/ml
20) T n-Hexatriacontane (C36)	19.725	4932183	48.173 ug/ml
21) T n-Octatriacontane (C38)	20.423	4536801	49.538 ug/ml
22) T n-Tetracontane (C40)	21.211	4608989	48.662 ug/ml

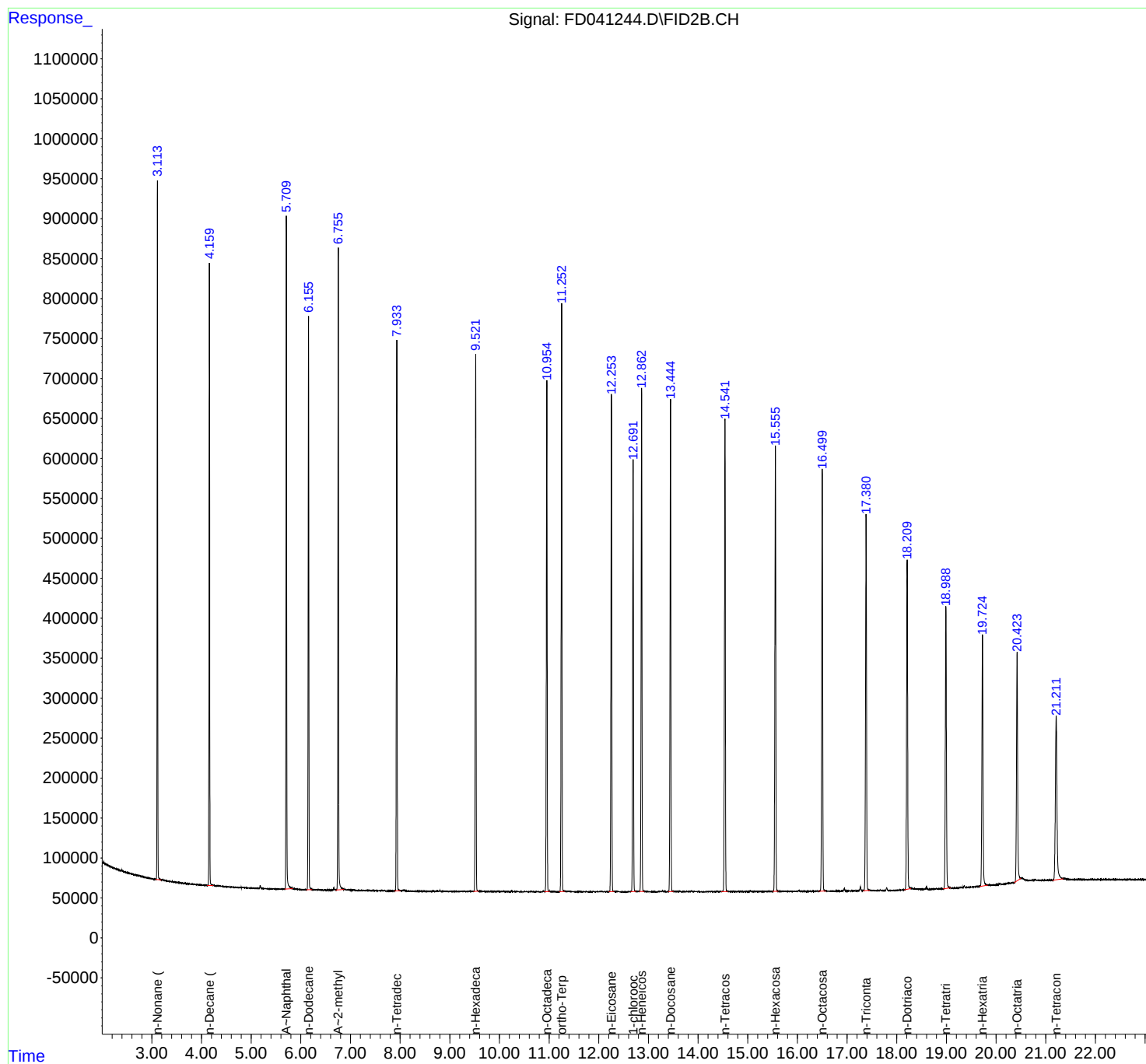
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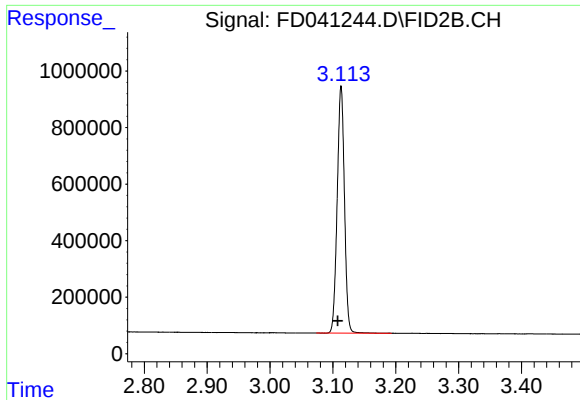
(m)=manual int.

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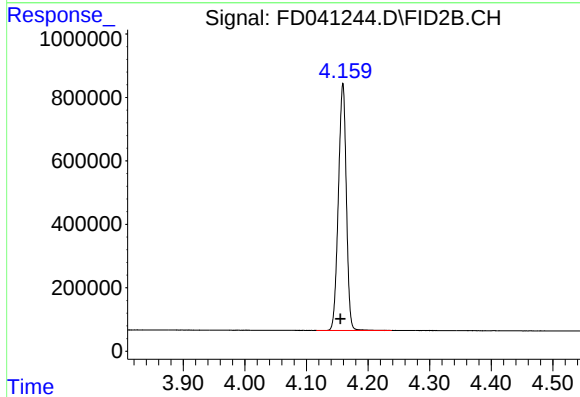
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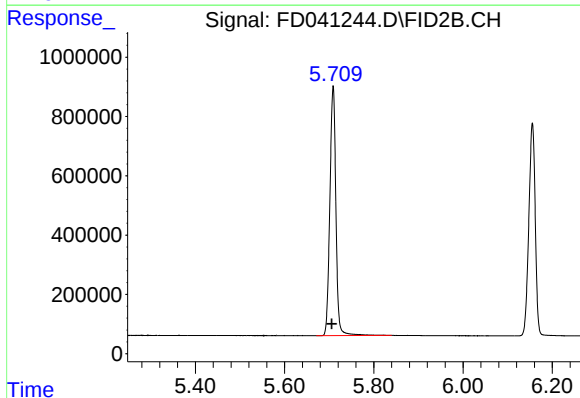
#1 n-Nonane (C9)

R.T.: 3.113 min
Delta R.T.: 0.005 min
Response: 7017911
Conc: 48.41 ug/ml



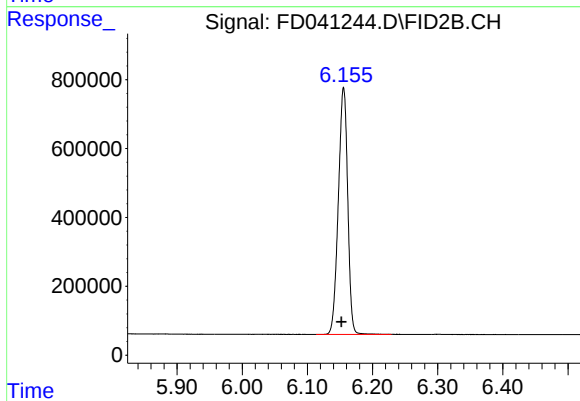
#2 n-Decane (C10)

R.T.: 4.159 min
Delta R.T.: 0.004 min
Response: 6978379
Conc: 48.52 ug/ml



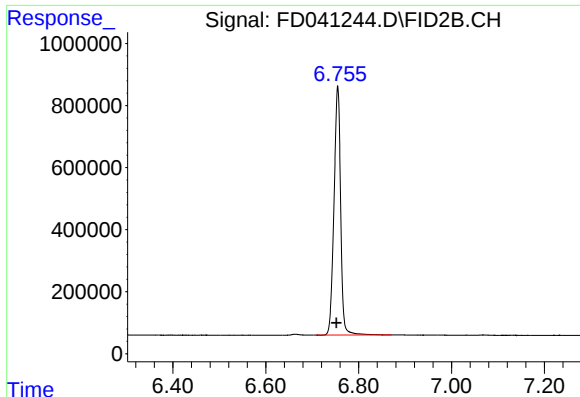
#3 A~Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: 0.003 min
Response: 7909052
Conc: 49.52 ug/ml



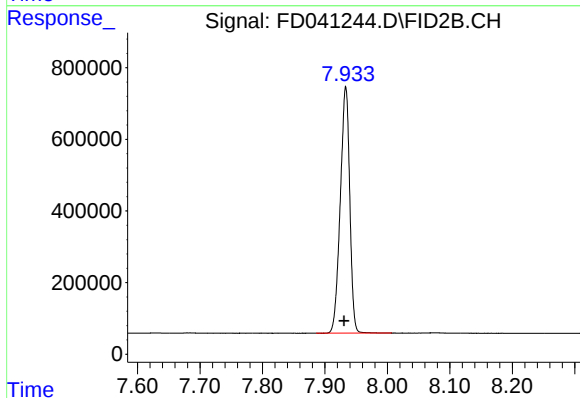
#4 n-Dodecane (C12)

R.T.: 6.156 min
Delta R.T.: 0.003 min
Response: 7164480
Conc: 48.52 ug/ml



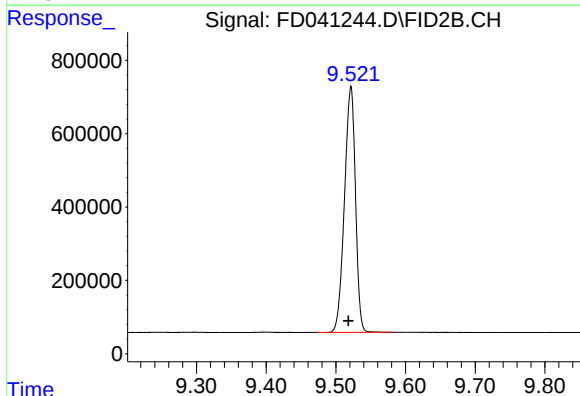
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.003 min
Response: 7987575
Conc: 49.34 ug/ml



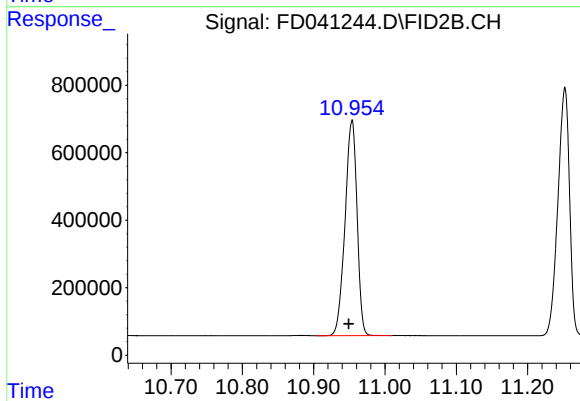
#6 n-Tetradecane (C14)

R.T.: 7.933 min
Delta R.T.: 0.003 min
Response: 7239082
Conc: 48.49 ug/ml



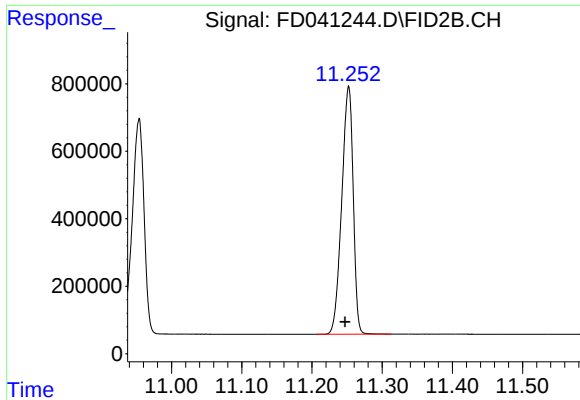
#7 n-Hexadecane (C16)

R.T.: 9.522 min
Delta R.T.: 0.004 min
Response: 7353049
Conc: 48.41 ug/ml



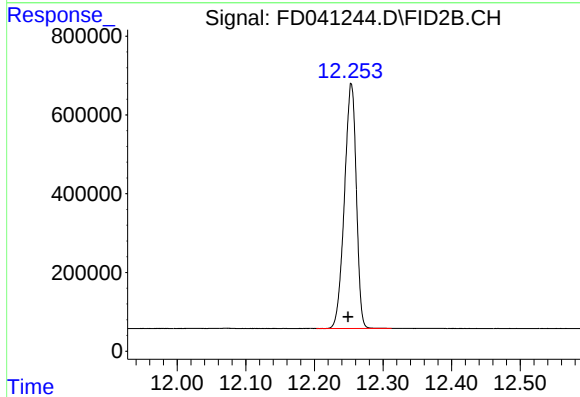
#8 n-Octadecane (C18)

R.T.: 10.954 min
Delta R.T.: 0.005 min
Response: 7474593
Conc: 48.32 ug/ml



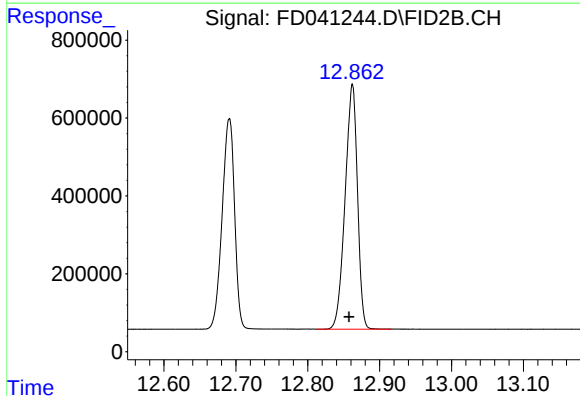
#9 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: 0.005 min
Response: 8323526
Conc: 48.32 ug/ml



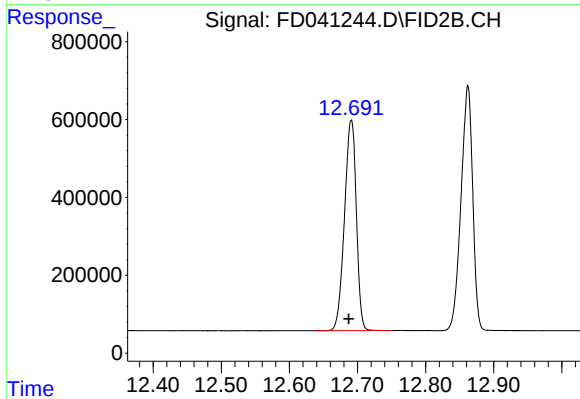
#10 n-Eicosane (C20)

R.T.: 12.254 min
Delta R.T.: 0.005 min
Response: 7467816
Conc: 48.36 ug/ml



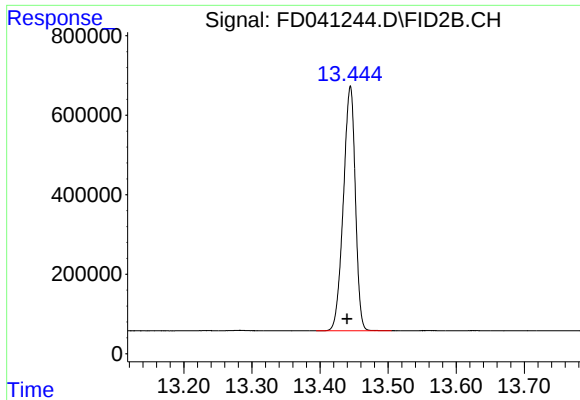
#11 n-Heneicosane (C21)

R.T.: 12.862 min
Delta R.T.: 0.005 min
Response: 7512462
Conc: 48.37 ug/ml



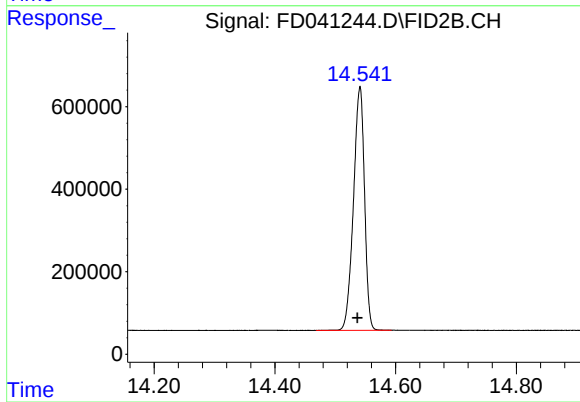
#12 1-chlorooctadecane (SURR)

R.T.: 12.691 min
Delta R.T.: 0.004 min
Response: 6537276
Conc: 48.50 ug/ml



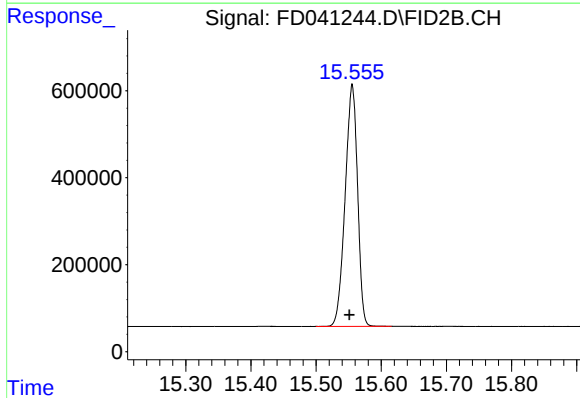
#13 n-Docosane (C22)

R.T.: 13.445 min
Delta R.T.: 0.005 min
Response: 7517498
Conc: 48.46 ug/ml



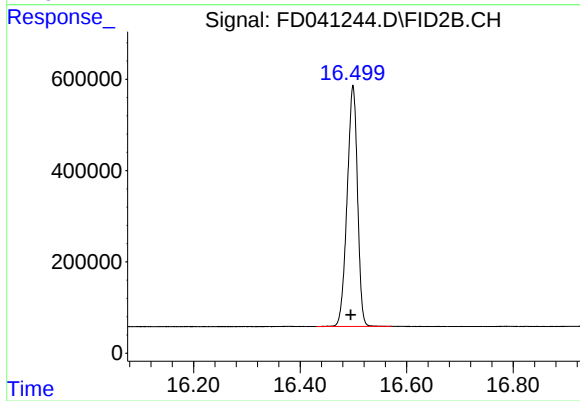
#14 n-Tetracosane (C24)

R.T.: 14.541 min
Delta R.T.: 0.004 min
Response: 7500737
Conc: 48.42 ug/ml



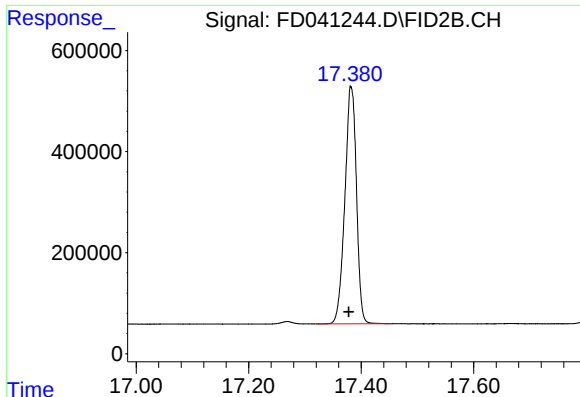
#15 n-Hexacosane (C26)

R.T.: 15.556 min
Delta R.T.: 0.004 min
Response: 7357541
Conc: 48.50 ug/ml



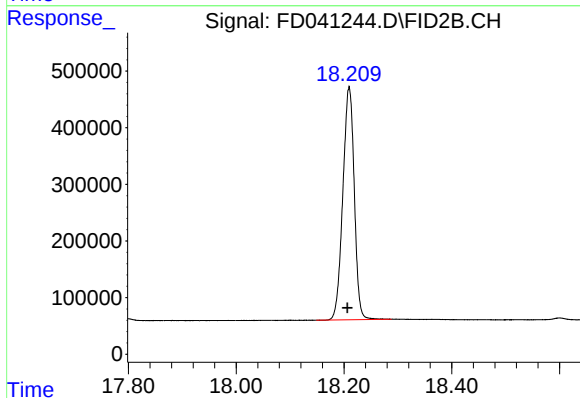
#16 n-Octacosane (C28)

R.T.: 16.499 min
Delta R.T.: 0.004 min
Response: 7130754
Conc: 48.57 ug/ml



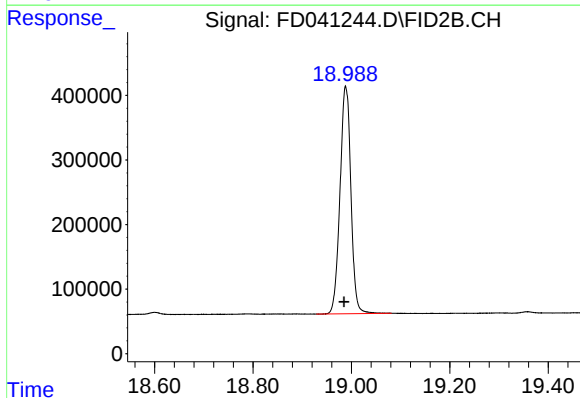
#17 n-Tricontane (C30)

R.T.: 17.382 min
Delta R.T.: 0.004 min
Response: 6722673
Conc: 48.60 ug/ml



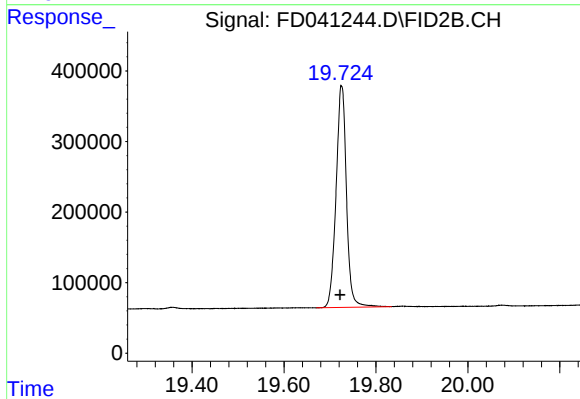
#18 n-Dotriacontane (C32)

R.T.: 18.210 min
Delta R.T.: 0.003 min
Response: 6055145
Conc: 48.76 ug/ml



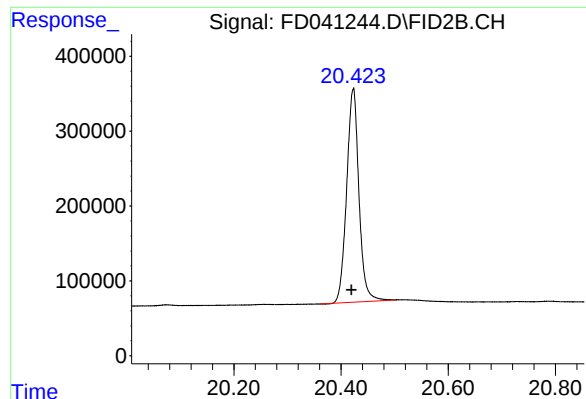
#19 n-Tetratriacontane (C34)

R.T.: 18.988 min
Delta R.T.: 0.003 min
Response: 5414445
Conc: 48.55 ug/ml



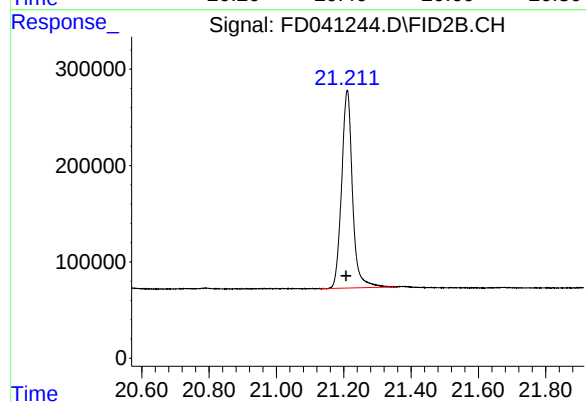
#20 n-Hexatriacontane (C36)

R.T.: 19.725 min
Delta R.T.: 0.003 min
Response: 4932183
Conc: 48.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.423 min
Delta R.T.: 0.004 min
Response: 4536801
Conc: 49.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.211 min
Delta R.T.: 0.004 min
Response: 4608989
Conc: 48.66 ug/ml