

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052422AL\
 Data File : FD042642.D
 Signal(s) : FID2B.CH
 Acq On : 25 May 2022 3:52
 Operator : UA/NP
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 25 05:04:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052422.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 05:03:16 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)	11.199	796722	4.582 ug/ml
Spiked Amount 50.000		Recovery =	9.16%
12) S 1-chlorooctadecane (S...	12.638	595401	4.378 ug/ml
Spiked Amount 50.000		Recovery =	8.76%
Target Compounds			
1) T n-Nonane (C9)	3.076	603224	4.366 ug/ml
2) T n-Decane (C10)	4.120	566844	4.158 ug/ml
3) T A~Naphthalene (C11.7)	5.692	453128	3.117 ug/ml
4) T n-Dodecane (C12)	6.112	622585	4.305 ug/ml
5) T A~2-methylnaphthalene...	6.749	338609	2.394 ug/ml
6) T n-Tetradecane (C14)	7.888	635561	4.362 ug/ml
7) T n-Hexadecane (C16)	9.472	647539	4.332 ug/ml
8) T n-Octadecane (C18)	10.900	697371	4.481 ug/ml
10) T n-Eicosane (C20)	12.199	728051	4.565 ug/ml
11) T n-Heneicosane (C21)	12.805	755583	4.684 ug/ml
13) T n-Docosane (C22)	13.388	753006	4.640 ug/ml
14) T n-Tetracosane (C24)	14.482	749016	4.616 ug/ml
15) T n-Hexacosane (C26)	15.497	723856	4.541 ug/ml
16) T n-Octacosane (C28)	16.439	672623	4.411 ug/ml
17) T n-Tricontane (C30)	17.322	608296	4.308 ug/ml
18) T n-Dotriacontane (C32)	18.148	552054	4.429 ug/ml
19) T n-Tetratriacontane (C34)	18.927	468144	4.288 ug/ml
20) T n-Hexatriacontane (C36)	19.664	380778	3.916 ug/ml
21) T n-Octatriacontane (C38)	20.362	197375	2.323 ug/ml
22) T n-Tetracontane (C40)	21.133	130137	2.180 ug/ml

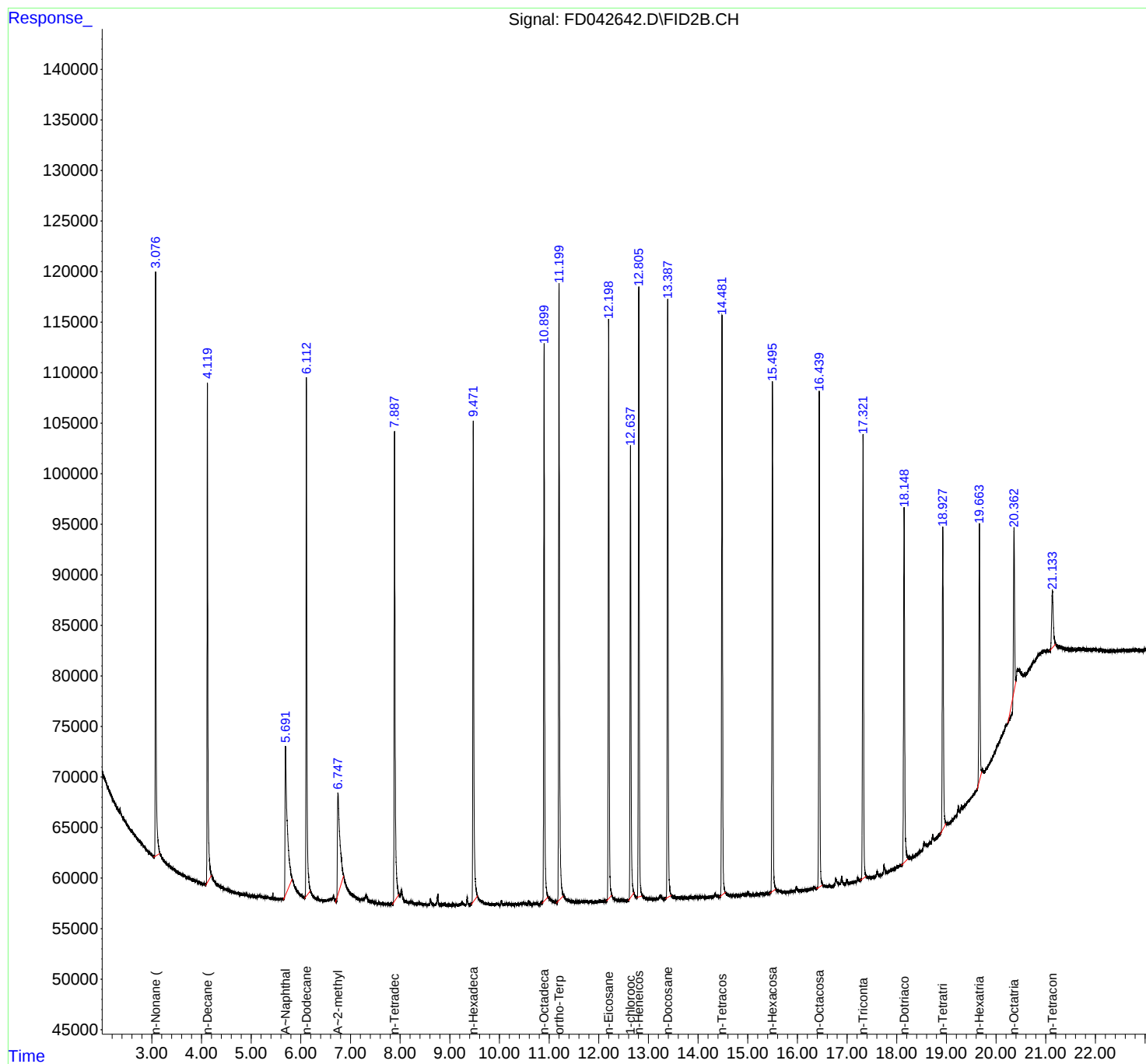
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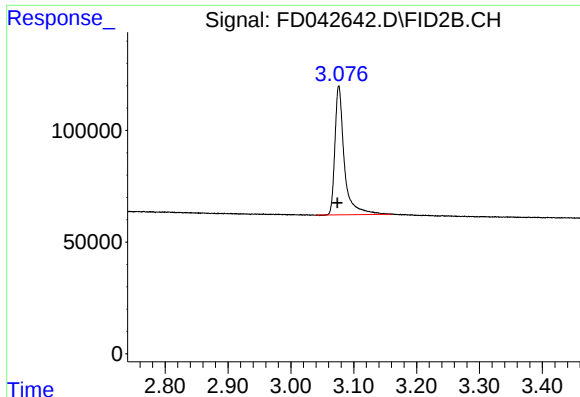
(m)=manual int.

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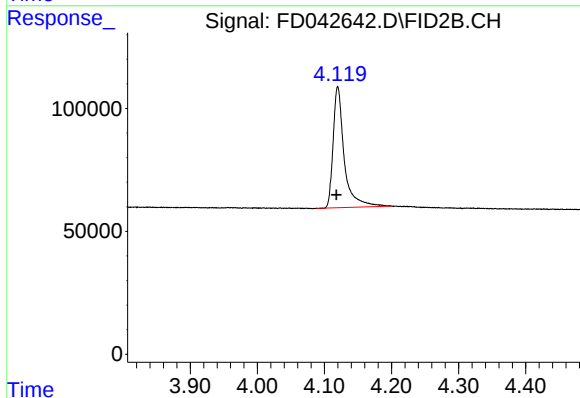
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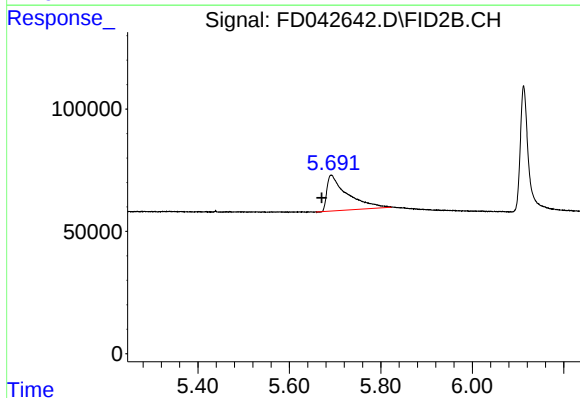
#1 n-Nonane (C9)

R.T.: 3.076 min
Delta R.T.: 0.002 min
Response: 603224
Conc: 4.37 ug/ml



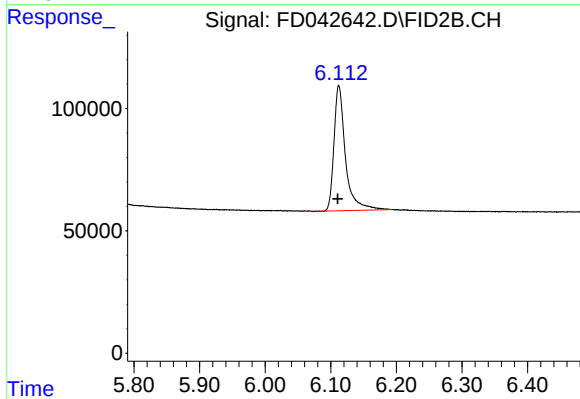
#2 n-Decane (C10)

R.T.: 4.120 min
Delta R.T.: 0.002 min
Response: 566844
Conc: 4.16 ug/ml



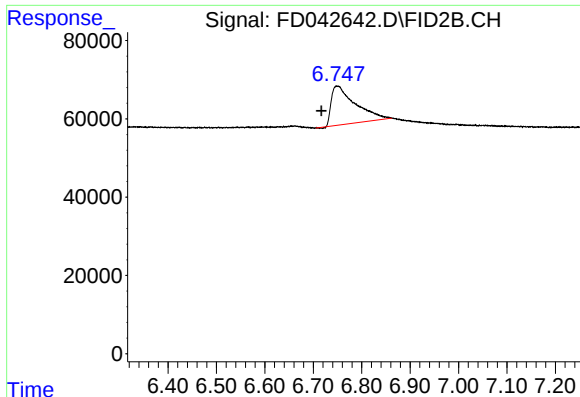
#3 A~Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: 0.021 min
Response: 453128
Conc: 3.12 ug/ml



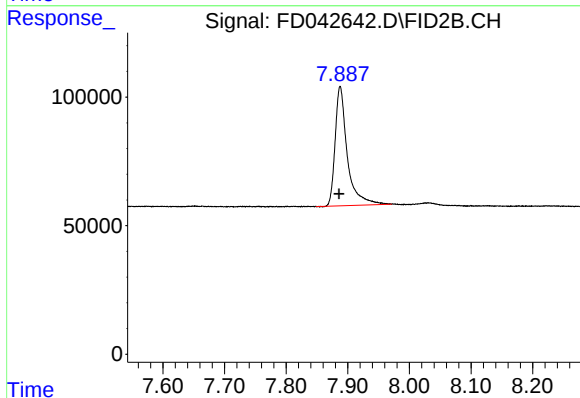
#4 n-Dodecane (C12)

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 622585
Conc: 4.31 ug/ml



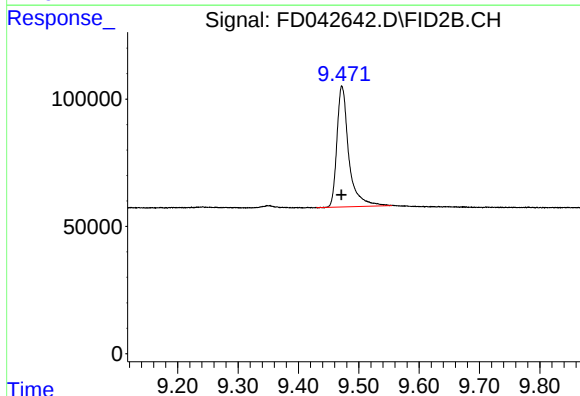
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.032 min
Response: 338609
Conc: 2.39 ug/ml



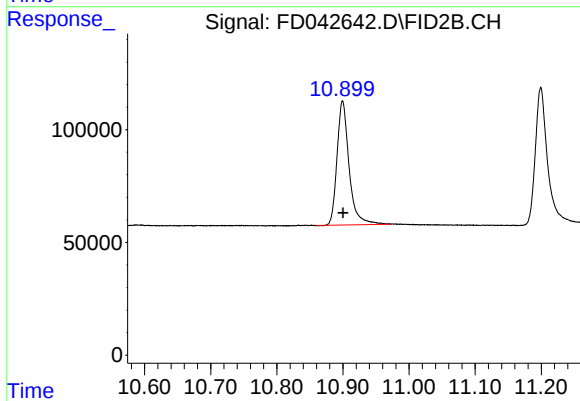
#6 n-Tetradecane (C14)

R.T.: 7.888 min
Delta R.T.: 0.002 min
Response: 635561
Conc: 4.36 ug/ml



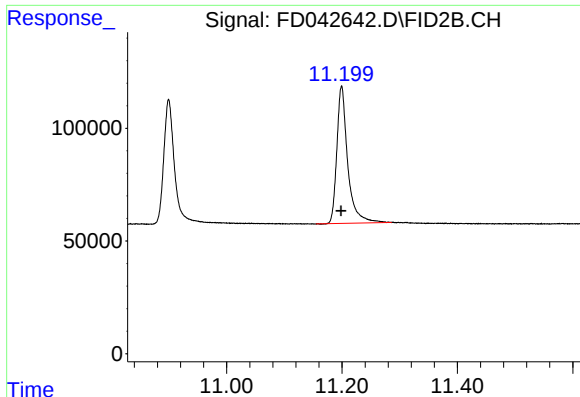
#7 n-Hexadecane (C16)

R.T.: 9.472 min
Delta R.T.: 0.001 min
Response: 647539
Conc: 4.33 ug/ml



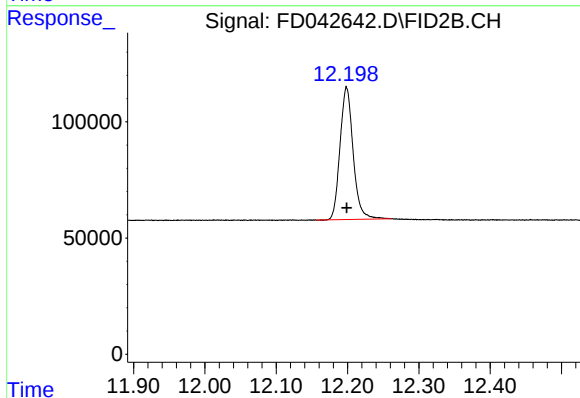
#8 n-Octadecane (C18)

R.T.: 10.900 min
Delta R.T.: 0.000 min
Response: 697371
Conc: 4.48 ug/ml



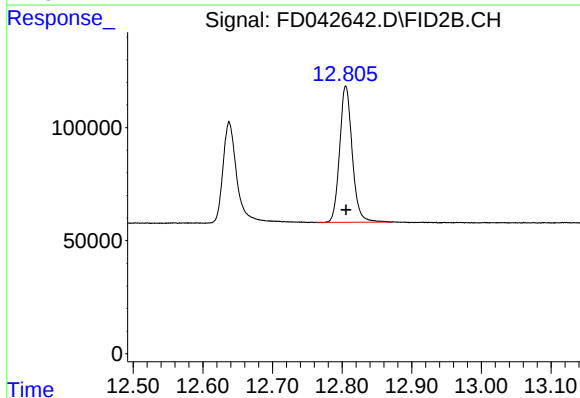
#9 ortho-Terphenyl (SURR)

R.T.: 11.199 min
Delta R.T.: 0.001 min
Response: 796722
Conc: 4.58 ug/ml



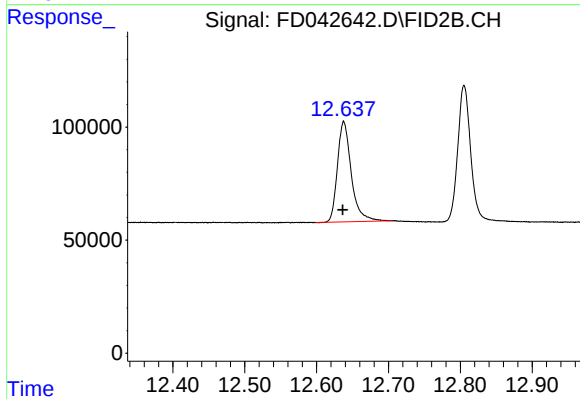
#10 n-Eicosane (C20)

R.T.: 12.199 min
Delta R.T.: 0.000 min
Response: 728051
Conc: 4.56 ug/ml



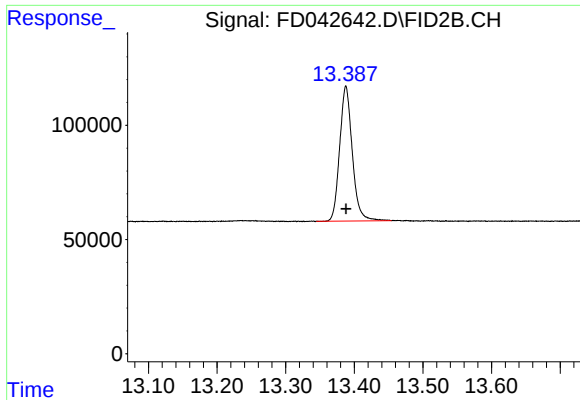
#11 n-Heneicosane (C21)

R.T.: 12.805 min
Delta R.T.: 0.000 min
Response: 755583
Conc: 4.68 ug/ml



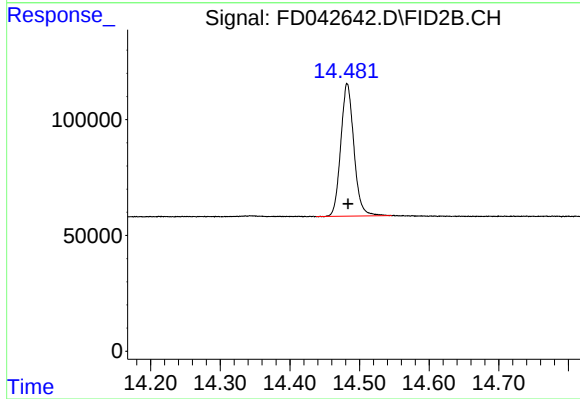
#12 1-chlorooctadecane (SURR)

R.T.: 12.638 min
Delta R.T.: 0.001 min
Response: 595401
Conc: 4.38 ug/ml



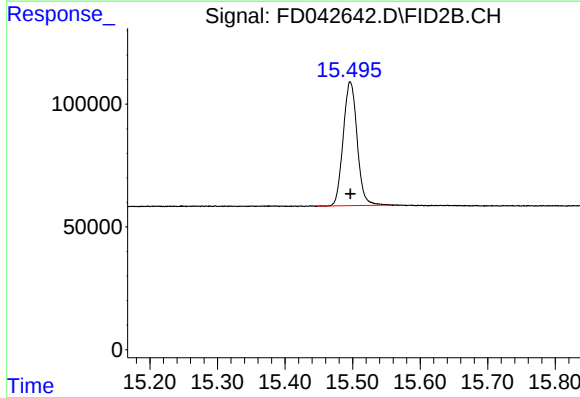
#13 n-Docosane (C22)

R.T.: 13.388 min
Delta R.T.: 0.000 min
Response: 753006
Conc: 4.64 ug/ml



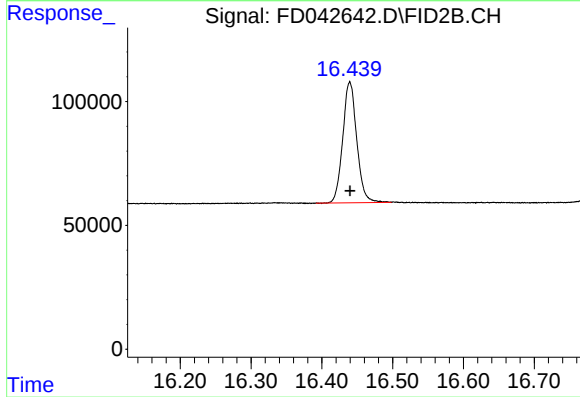
#14 n-Tetracosane (C24)

R.T.: 14.482 min
Delta R.T.: 0.000 min
Response: 749016
Conc: 4.62 ug/ml



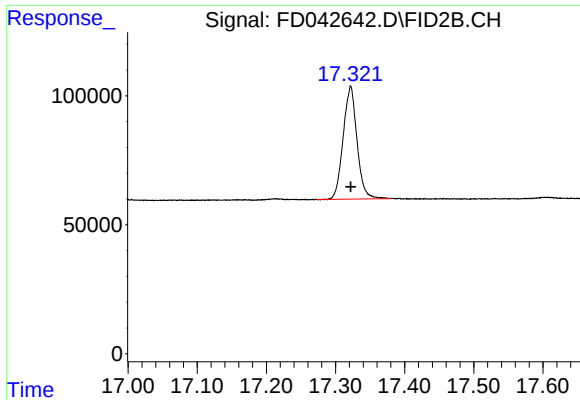
#15 n-Hexacosane (C26)

R.T.: 15.497 min
Delta R.T.: 0.000 min
Response: 723856
Conc: 4.54 ug/ml



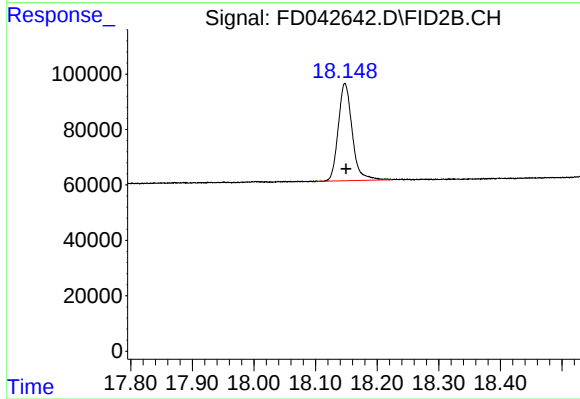
#16 n-Octacosane (C28)

R.T.: 16.439 min
Delta R.T.: 0.000 min
Response: 672623
Conc: 4.41 ug/ml



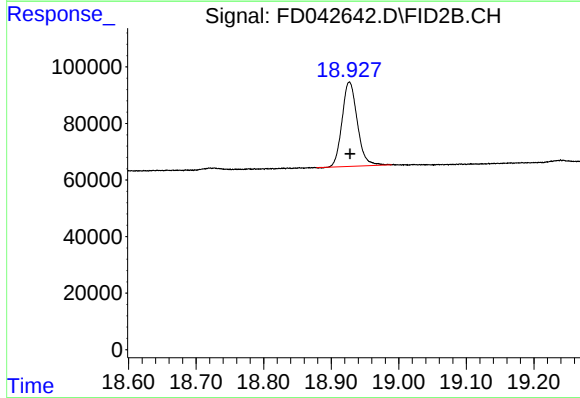
#17 n-Tricontane (C30)

R.T.: 17.322 min
Delta R.T.: 0.000 min
Response: 608296
Conc: 4.31 ug/ml



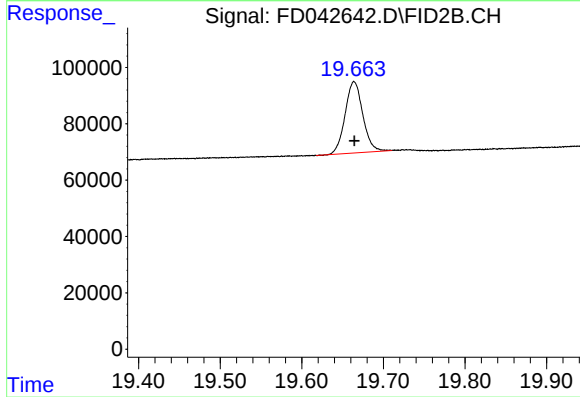
#18 n-Dotriacontane (C32)

R.T.: 18.148 min
Delta R.T.: -0.002 min
Response: 552054
Conc: 4.43 ug/ml



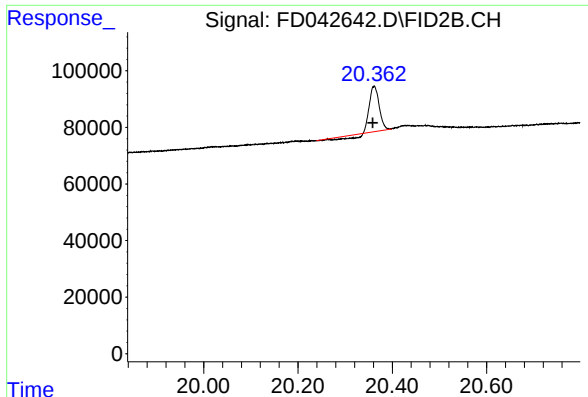
#19 n-Tetratriacontane (C34)

R.T.: 18.927 min
Delta R.T.: -0.001 min
Response: 468144
Conc: 4.29 ug/ml



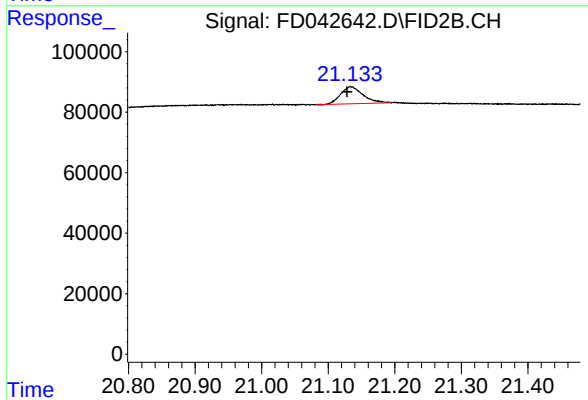
#20 n-Hexatriacontane (C36)

R.T.: 19.664 min
Delta R.T.: 0.000 min
Response: 380778
Conc: 3.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.362 min
Delta R.T.: 0.003 min
Response: 197375
Conc: 2.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.133 min
Delta R.T.: 0.005 min
Response: 130137
Conc: 2.18 ug/ml