

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051822AL\
 Data File : FD042528.D
 Signal(s) : FID2B.CH
 Acq On : 18 May 2022 14:19
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 23:37:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.201	3405716	20.307 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.638	2637713	19.989 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.080	3047965	22.362 ug/ml
2) T n-Decane (C10)	4.122	3050069	22.759 ug/ml
3) T A~Naphthalene (C11.7)	5.672	3165821	21.840 ug/ml
4) T n-Dodecane (C12)	6.115	3170583	22.271 ug/ml
5) T A~2-methylnaphthalene...	6.717	3195085	22.928 ug/ml
6) T n-Tetradecane (C14)	7.890	3194312	22.425 ug/ml
7) T n-Hexadecane (C16)	9.475	3214297	22.119 ug/ml
8) T n-Octadecane (C18)	10.904	3218800	21.477 ug/ml
10) T n-Eicosane (C20)	12.202	3147879	20.566 ug/ml
11) T n-Heneicosane (C21)	12.808	3100727	20.113 ug/ml
13) T n-Docosane (C22)	13.390	3124260	20.268 ug/ml
14) T n-Tetracosane (C24)	14.486	3119671	20.172 ug/ml
15) T n-Hexacosane (C26)	15.500	3059714	19.892 ug/ml
16) T n-Octacosane (C28)	16.444	3089229	20.205 ug/ml
17) T n-Tricontane (C30)	17.328	3104508	20.697 ug/ml
18) T n-Dotriacontane (C32)	18.156	2937337	20.773 ug/ml
19) T n-Tetratriacontane (C34)	18.934	2706304	21.029 ug/ml
20) T n-Hexatriacontane (C36)	19.670	2437712	21.542 ug/ml
21) T n-Octatriacontane (C38)	20.366	2264525	22.696 ug/mlm
22) T n-Tetracontane (C40)	21.139	2175651	24.121 ug/mlm

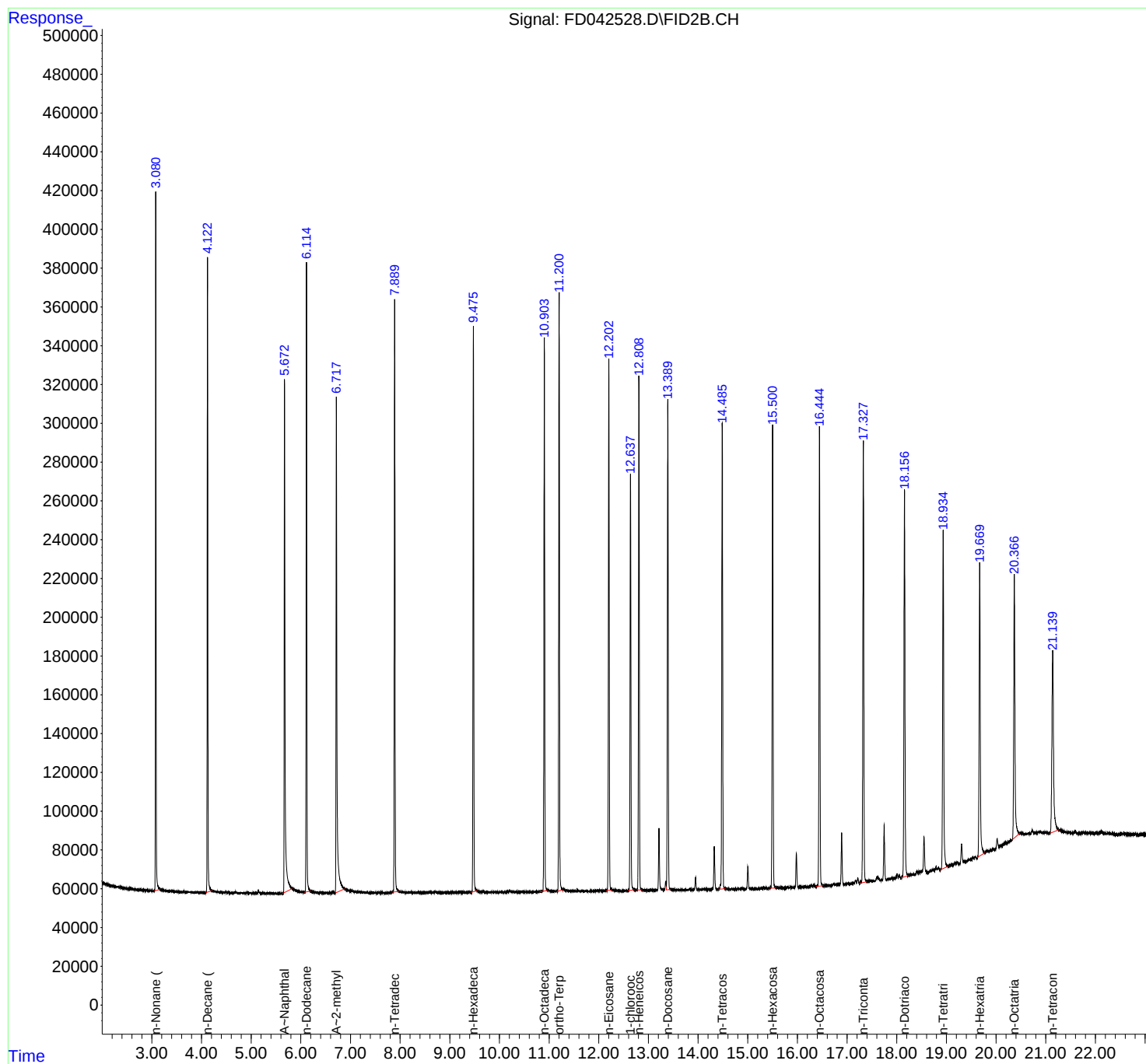
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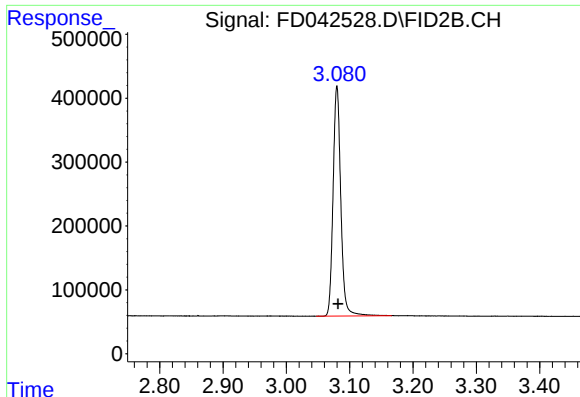
(m)=manual int.

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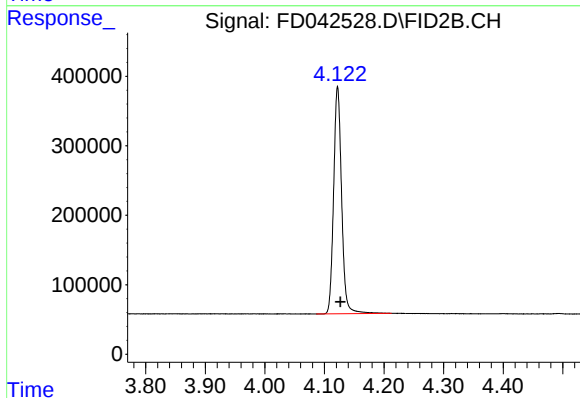
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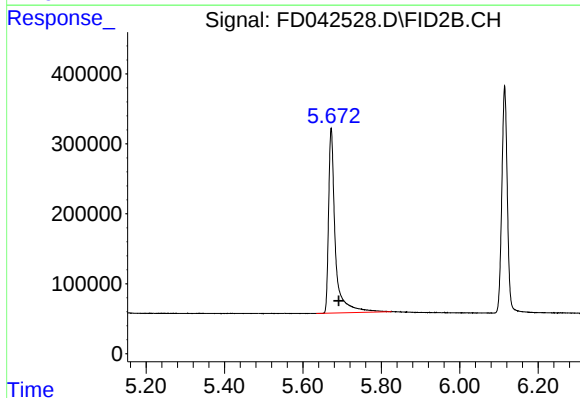
#1 n-Nonane (C9)

R.T.: 3.080 min
Delta R.T.: -0.002 min
Response: 3047965
Conc: 22.36 ug/ml



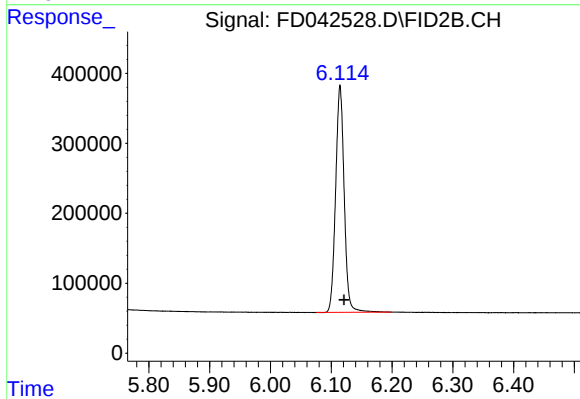
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.004 min
Response: 3050069
Conc: 22.76 ug/ml



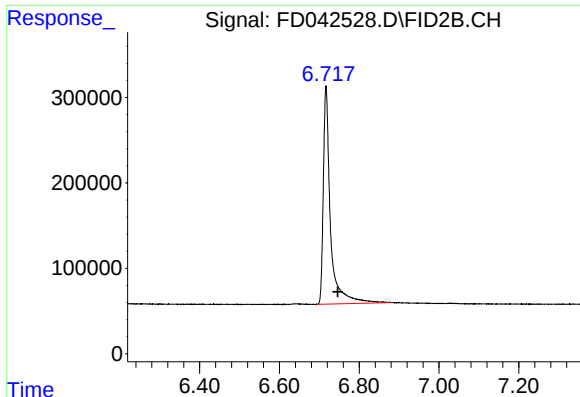
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.019 min
Response: 3165821
Conc: 21.84 ug/ml



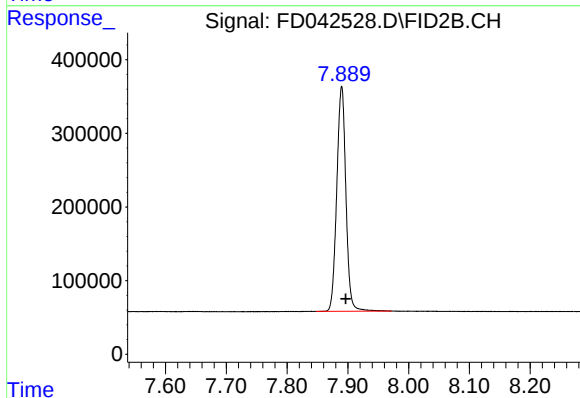
#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: -0.006 min
Response: 3170583
Conc: 22.27 ug/ml



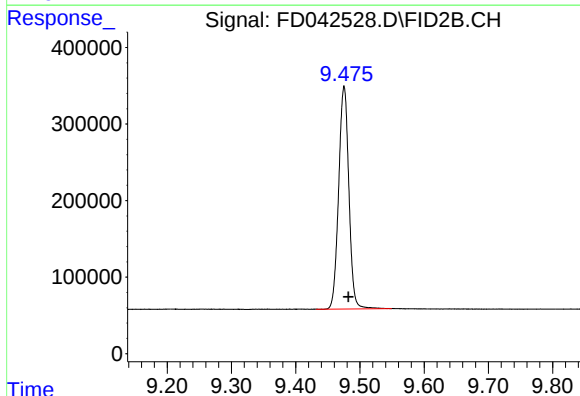
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.029 min
Response: 3195085
Conc: 22.93 ug/ml



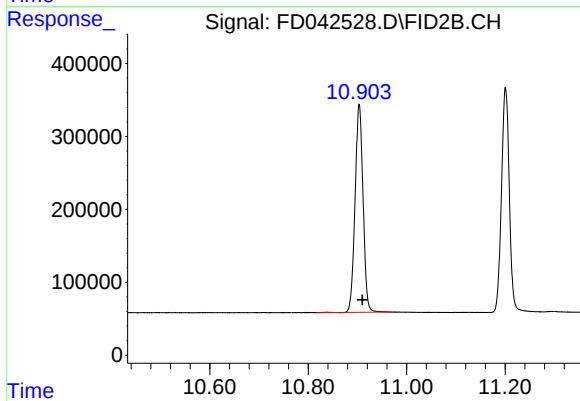
#6 n-Tetradecane (C14)

R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 3194312
Conc: 22.42 ug/ml



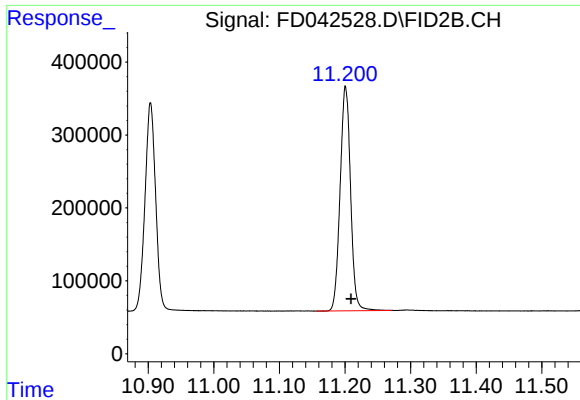
#7 n-Hexadecane (C16)

R.T.: 9.475 min
Delta R.T.: -0.007 min
Response: 3214297
Conc: 22.12 ug/ml



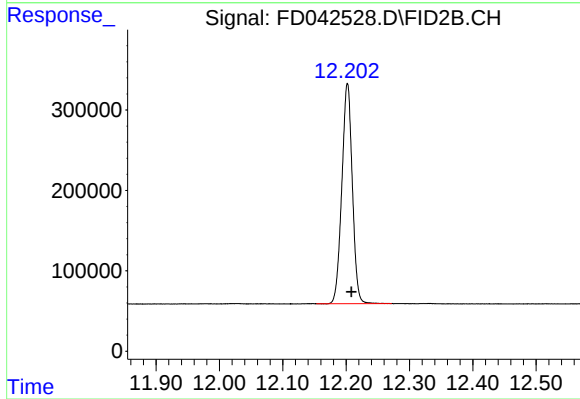
#8 n-Octadecane (C18)

R.T.: 10.904 min
Delta R.T.: -0.007 min
Response: 3218800
Conc: 21.48 ug/ml



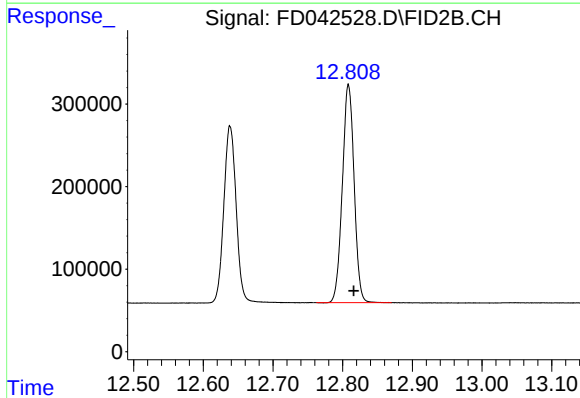
#9 ortho-Terphenyl (SURR)

R.T.: 11.201 min
Delta R.T.: -0.008 min
Response: 3405716
Conc: 20.31 ug/ml



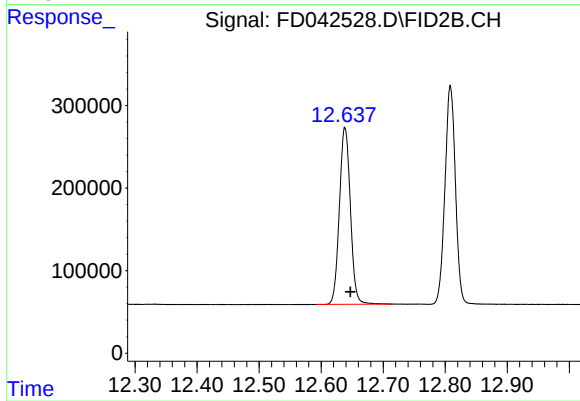
#10 n-Eicosane (C20)

R.T.: 12.202 min
Delta R.T.: -0.006 min
Response: 3147879
Conc: 20.57 ug/ml



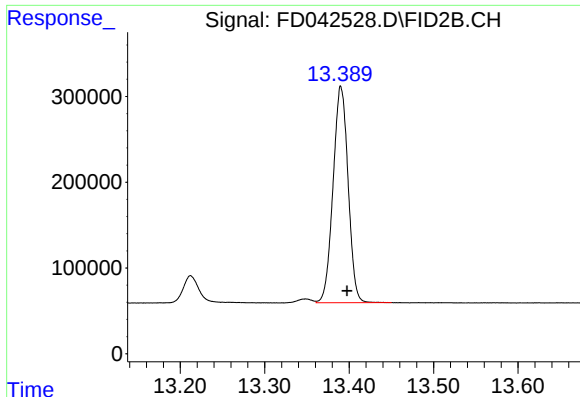
#11 n-Heneicosane (C21)

R.T.: 12.808 min
Delta R.T.: -0.008 min
Response: 3100727
Conc: 20.11 ug/ml



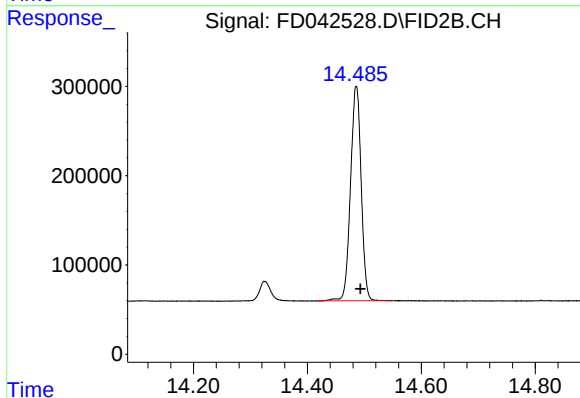
#12 1-chlorooctadecane (SURR)

R.T.: 12.638 min
Delta R.T.: -0.009 min
Response: 2637713
Conc: 19.99 ug/ml



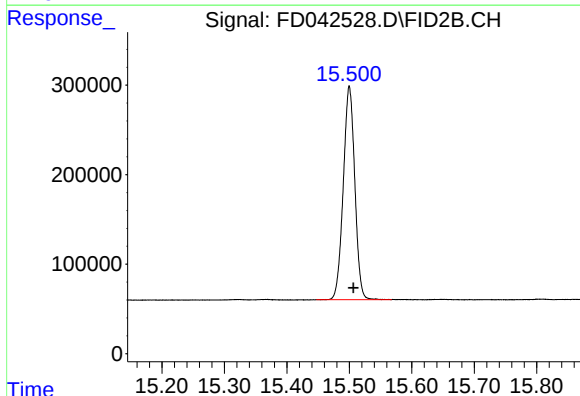
#13 n-Docosane (C22)

R.T.: 13.390 min
Delta R.T.: -0.007 min
Response: 3124260
Conc: 20.27 ug/ml



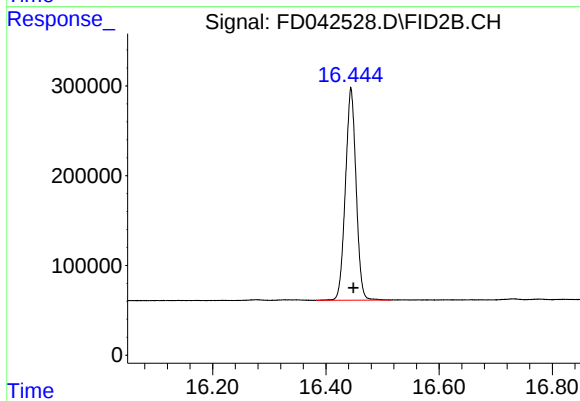
#14 n-Tetracosane (C24)

R.T.: 14.486 min
Delta R.T.: -0.007 min
Response: 3119671
Conc: 20.17 ug/ml



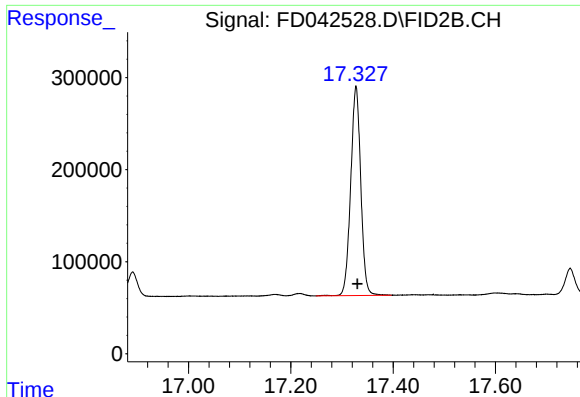
#15 n-Hexacosane (C26)

R.T.: 15.500 min
Delta R.T.: -0.006 min
Response: 3059714
Conc: 19.89 ug/ml



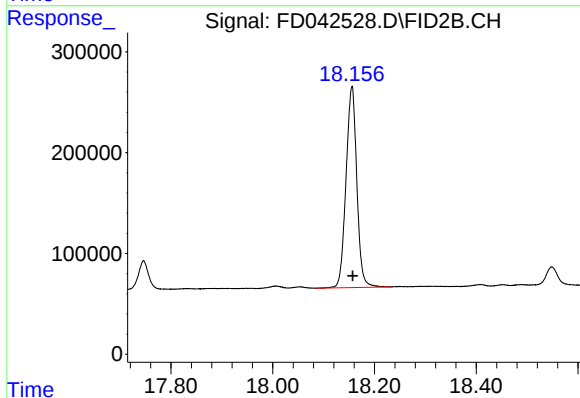
#16 n-Octacosane (C28)

R.T.: 16.444 min
Delta R.T.: -0.004 min
Response: 3089229
Conc: 20.21 ug/ml



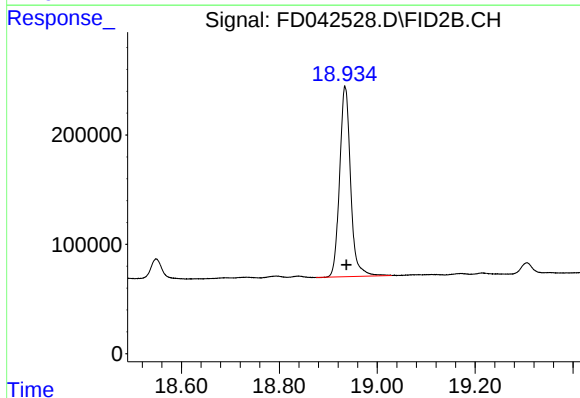
#17 n-Tricontane (C30)

R.T.: 17.328 min
Delta R.T.: -0.003 min
Response: 3104508
Conc: 20.70 ug/ml



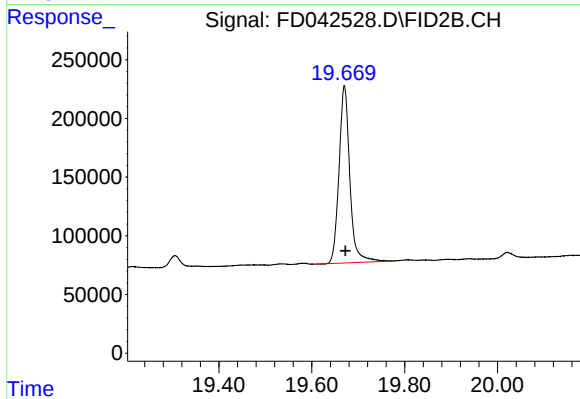
#18 n-Dotriacontane (C32)

R.T.: 18.156 min
Delta R.T.: -0.002 min
Response: 2937337
Conc: 20.77 ug/ml



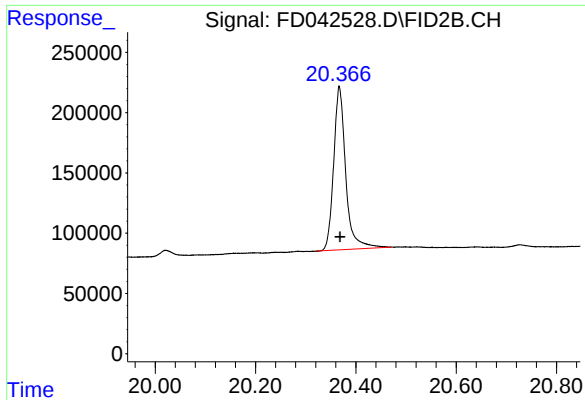
#19 n-Tetratriacontane (C34)

R.T.: 18.934 min
Delta R.T.: -0.003 min
Response: 2706304
Conc: 21.03 ug/ml



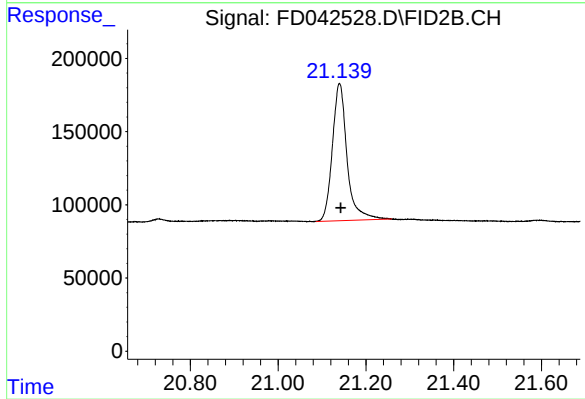
#20 n-Hexatriacontane (C36)

R.T.: 19.670 min
Delta R.T.: -0.002 min
Response: 2437712
Conc: 21.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.366 min
Delta R.T.: -0.002 min
Response: 2264525
Conc: 22.70 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.139 min
Delta R.T.: -0.003 min
Response: 2175651
Conc: 24.12 ug/ml m