

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021024AL\
 Data File : FD047228.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2024 14:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 23:53:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.358	3747055	20.746 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
12) S 1-chlorooctadecane (S...	12.793	2843507	20.545 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T n-Nonane (C9)	3.197	3280493	20.967 ug/ml
2) T n-Decane (C10)	4.249	3361239	21.029 ug/ml
3) T A~Naphthalene (C11.7)	5.806	3690629	21.124 ug/ml
4) T n-Dodecane (C12)	6.249	3407519	21.009 ug/ml
5) T A~2-methylnaphthalene...	6.855	3574695	21.076 ug/ml
6) T n-Tetradecane (C14)	8.033	3388234	20.943 ug/ml
7) T n-Hexadecane (C16)	9.623	3495227	20.861 ug/ml
8) T n-Octadecane (C18)	11.055	3536015	20.777 ug/ml
10) T n-Eicosane (C20)	12.355	3407562	20.704 ug/ml
11) T n-Heneicosane (C21)	12.963	3352944	20.671 ug/ml
13) T n-Docosane (C22)	13.545	3322961	20.641 ug/ml
14) T n-Tetracosane (C24)	14.639	3289025	20.650 ug/ml
15) T n-Hexacosane (C26)	15.652	3192354	20.559 ug/ml
16) T n-Octacosane (C28)	16.595	3084351	20.607 ug/ml
17) T n-Tricontane (C30)	17.476	3060590	20.680 ug/ml
18) T n-Dotriacontane (C32)	18.300	2932850	20.798 ug/ml
19) T n-Tetratriacontane (C34)	19.078	2763718	20.880 ug/ml
20) T n-Hexatriacontane (C36)	19.811	2586465	20.791 ug/ml
21) T n-Octatriacontane (C38)	20.509	2492090	20.831 ug/ml
22) T n-Tetracontane (C40)	21.313	2381126	20.577 ug/ml

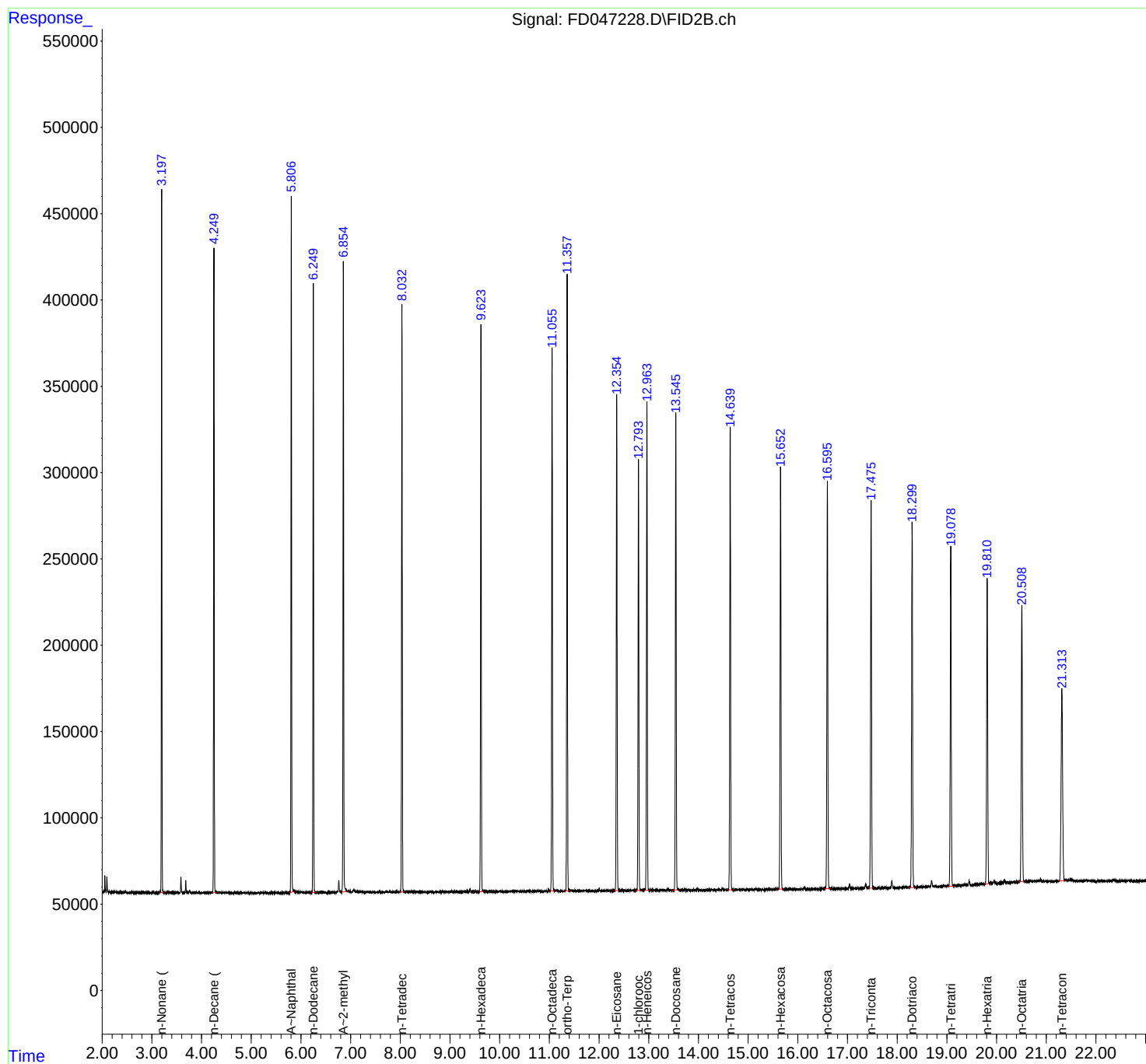
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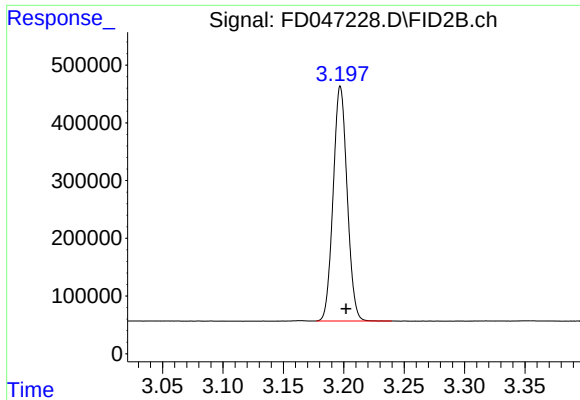
(m)=manual int.

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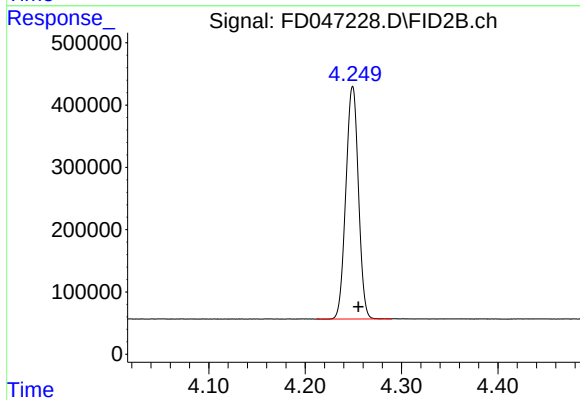
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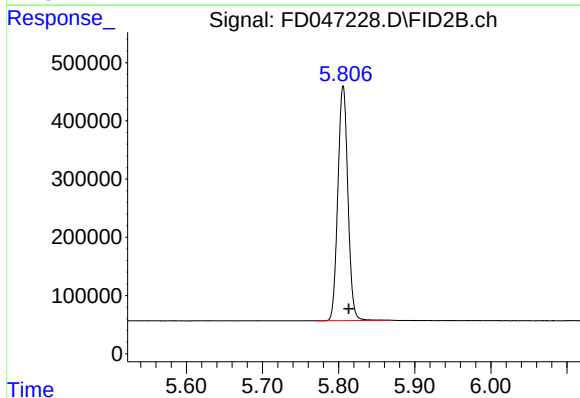
#1 n-Nonane (C9)

R.T.: 3.197 min
Delta R.T.: -0.005 min
Response: 3280493
Conc: 20.97 ug/ml



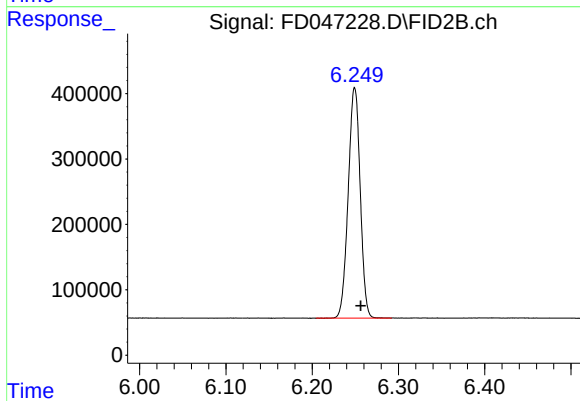
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 3361239
Conc: 21.03 ug/ml



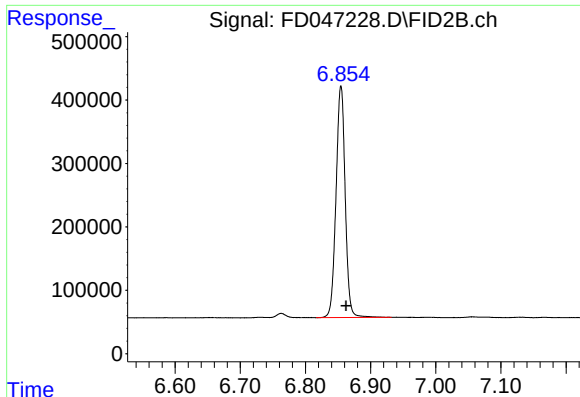
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.007 min
Response: 3690629
Conc: 21.12 ug/ml



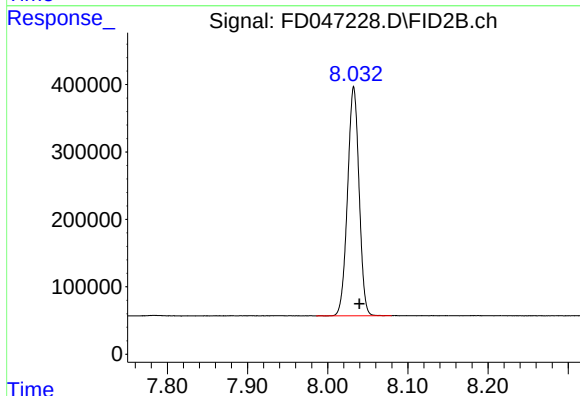
#4 n-Dodecane (C12)

R.T.: 6.249 min
Delta R.T.: -0.007 min
Response: 3407519
Conc: 21.01 ug/ml



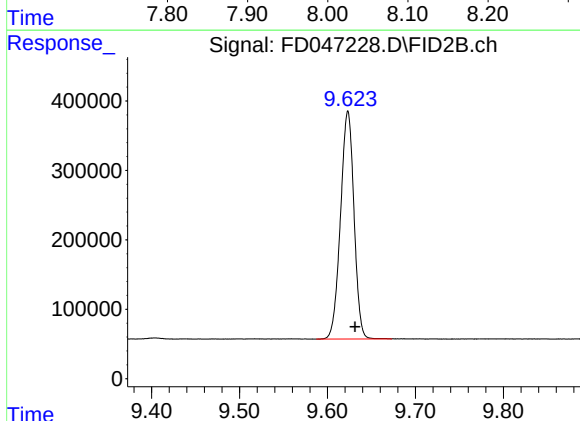
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: -0.008 min
Response: 3574695
Conc: 21.08 ug/ml



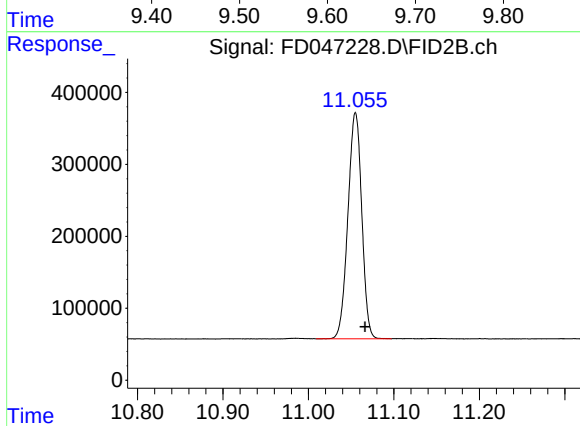
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.007 min
Response: 3388234
Conc: 20.94 ug/ml



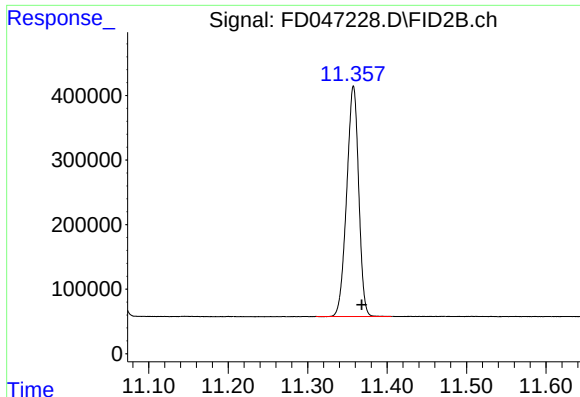
#7 n-Hexadecane (C16)

R.T.: 9.623 min
Delta R.T.: -0.008 min
Response: 3495227
Conc: 20.86 ug/ml



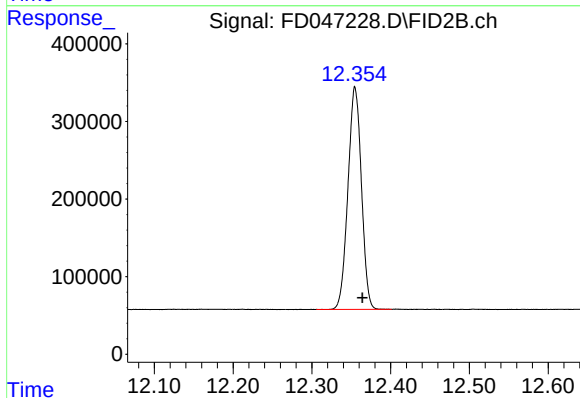
#8 n-Octadecane (C18)

R.T.: 11.055 min
Delta R.T.: -0.011 min
Response: 3536015
Conc: 20.78 ug/ml



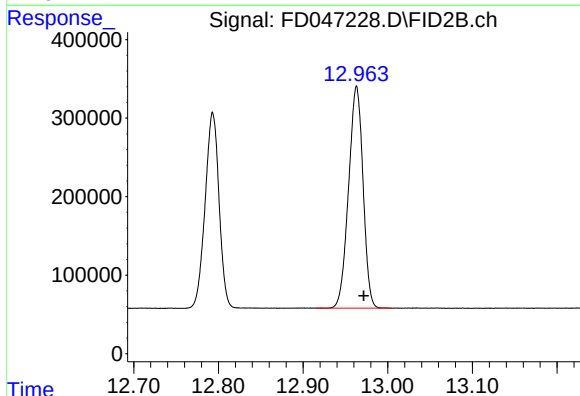
#9 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: -0.010 min
Response: 3747055
Conc: 20.75 ug/ml



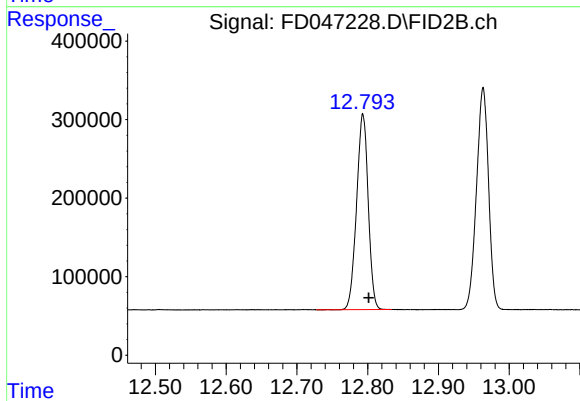
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: -0.009 min
Response: 3407562
Conc: 20.70 ug/ml



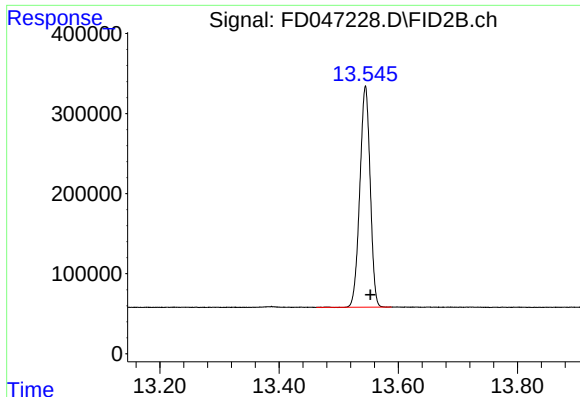
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: -0.008 min
Response: 3352944
Conc: 20.67 ug/ml



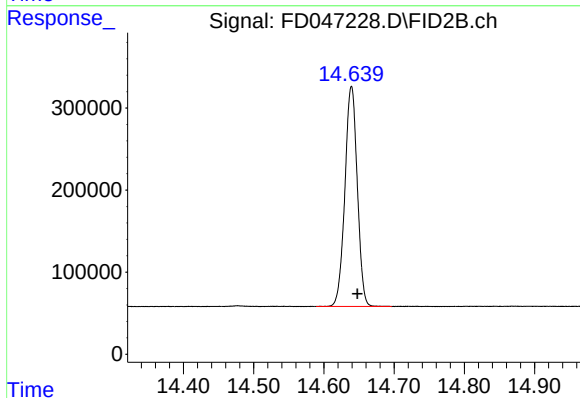
#12 1-chlorooctadecane (SURR)

R.T.: 12.793 min
Delta R.T.: -0.008 min
Response: 2843507
Conc: 20.54 ug/ml



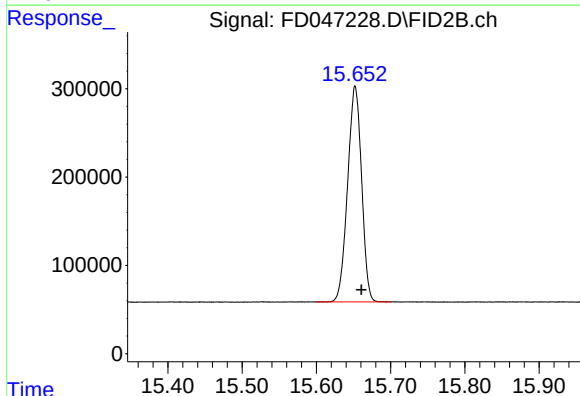
#13 n-Docosane (C22)

R.T.: 13.545 min
Delta R.T.: -0.008 min
Response: 3322961
Conc: 20.64 ug/ml



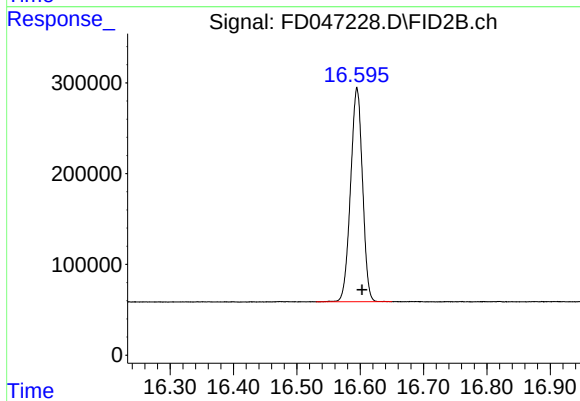
#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: -0.008 min
Response: 3289025
Conc: 20.65 ug/ml



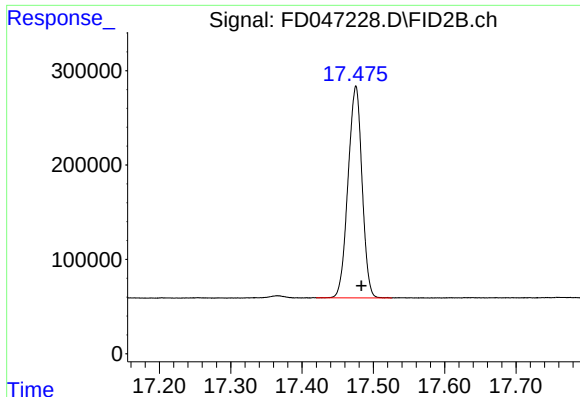
#15 n-Hexacosane (C26)

R.T.: 15.652 min
Delta R.T.: -0.008 min
Response: 3192354
Conc: 20.56 ug/ml



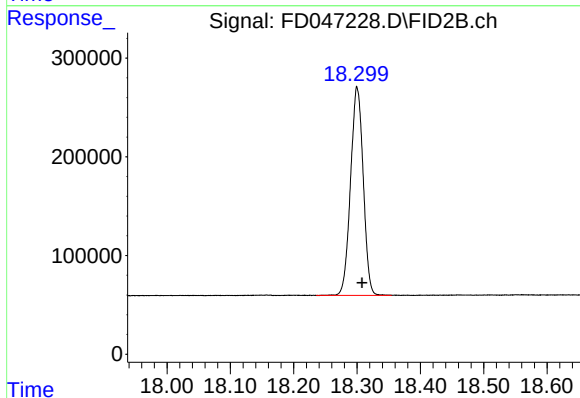
#16 n-Octacosane (C28)

R.T.: 16.595 min
Delta R.T.: -0.008 min
Response: 3084351
Conc: 20.61 ug/ml



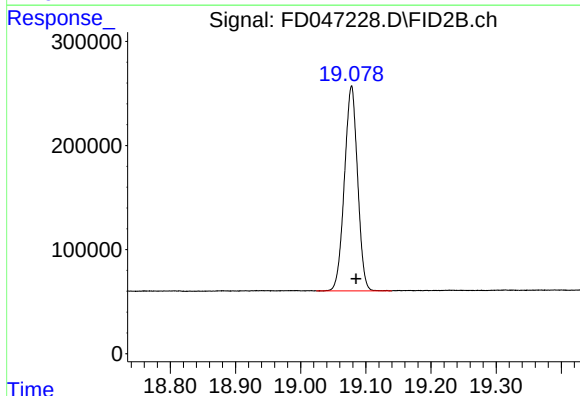
#17 n-Tricontane (C30)

R.T.: 17.476 min
Delta R.T.: -0.008 min
Response: 3060590
Conc: 20.68 ug/ml



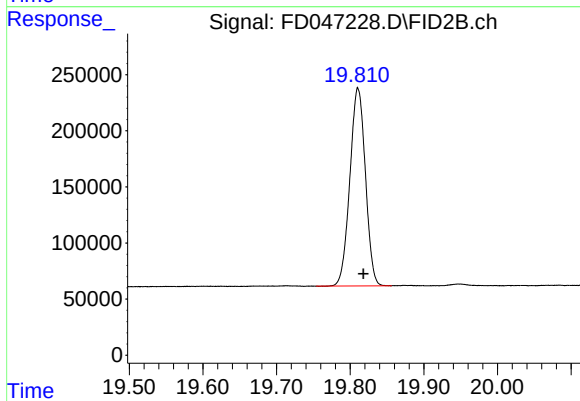
#18 n-Dotriacontane (C32)

R.T.: 18.300 min
Delta R.T.: -0.008 min
Response: 2932850
Conc: 20.80 ug/ml



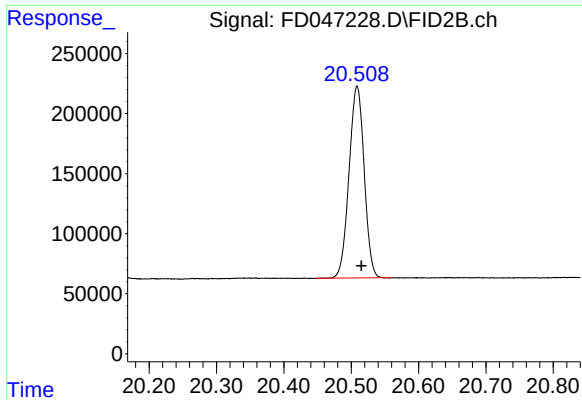
#19 n-Tetratriacontane (C34)

R.T.: 19.078 min
Delta R.T.: -0.007 min
Response: 2763718
Conc: 20.88 ug/ml



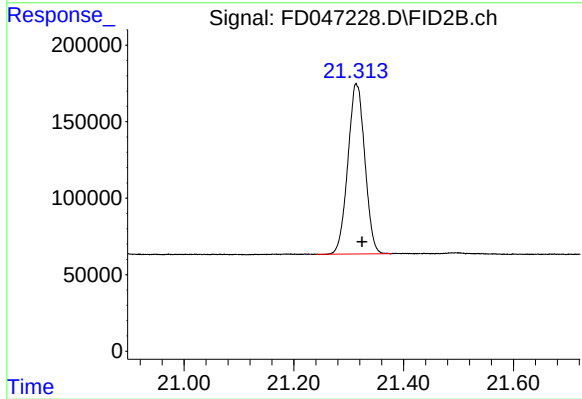
#20 n-Hexatriacontane (C36)

R.T.: 19.811 min
Delta R.T.: -0.007 min
Response: 2586465
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.509 min
Delta R.T.: -0.007 min
Response: 2492090
Conc: 20.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.313 min
Delta R.T.: -0.011 min
Response: 2381126
Conc: 20.58 ug/ml