

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120123AL\
 Data File : FE045612.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2023 12:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 01 13:10:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.862	3916022	18.727 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
12) S 1-chlorooctadecane (S...	13.305	2904088	18.457 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T n-Nonane (C9)	3.250	3101072	19.556 ug/ml
2) T n-Decane (C10)	4.501	3142175	19.622 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3428529	19.682 ug/ml
4) T n-Dodecane (C12)	6.667	3186085	19.725 ug/ml
5) T A~2-methylnaphthalene...	7.296	3354644	19.754 ug/ml
6) T n-Tetradecane (C14)	8.494	3160952	19.704 ug/ml
7) T n-Hexadecane (C16)	10.104	3233710	19.528 ug/ml
8) T n-Octadecane (C18)	11.549	3272714	19.089 ug/ml
10) T n-Eicosane (C20)	12.861	3206623	18.533 ug/ml
11) T n-Heneicosane (C21)	13.474	3157072	18.352 ug/ml
13) T n-Docosane (C22)	14.060	3121454	18.104 ug/ml
14) T n-Tetracosane (C24)	15.166	3060369	17.530 ug/ml
15) T n-Hexacosane (C26)	16.188	2967775	17.041 ug/ml
16) T n-Octacosane (C28)	17.141	2865577	16.580 ug/ml
17) T n-Tricontane (C30)	18.030	2849375	16.287 ug/ml
18) T n-Dotriacontane (C32)	18.864	2958023	16.214 ug/ml
19) T n-Tetratriacontane (C34)	19.649	2692834	16.229 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2577290	16.236 ug/ml
21) T n-Octatriacontane (C38)	21.124	2616589	16.685 ug/ml
22) T n-Tetracontane (C40)	22.030	2411226	16.967 ug/mlm

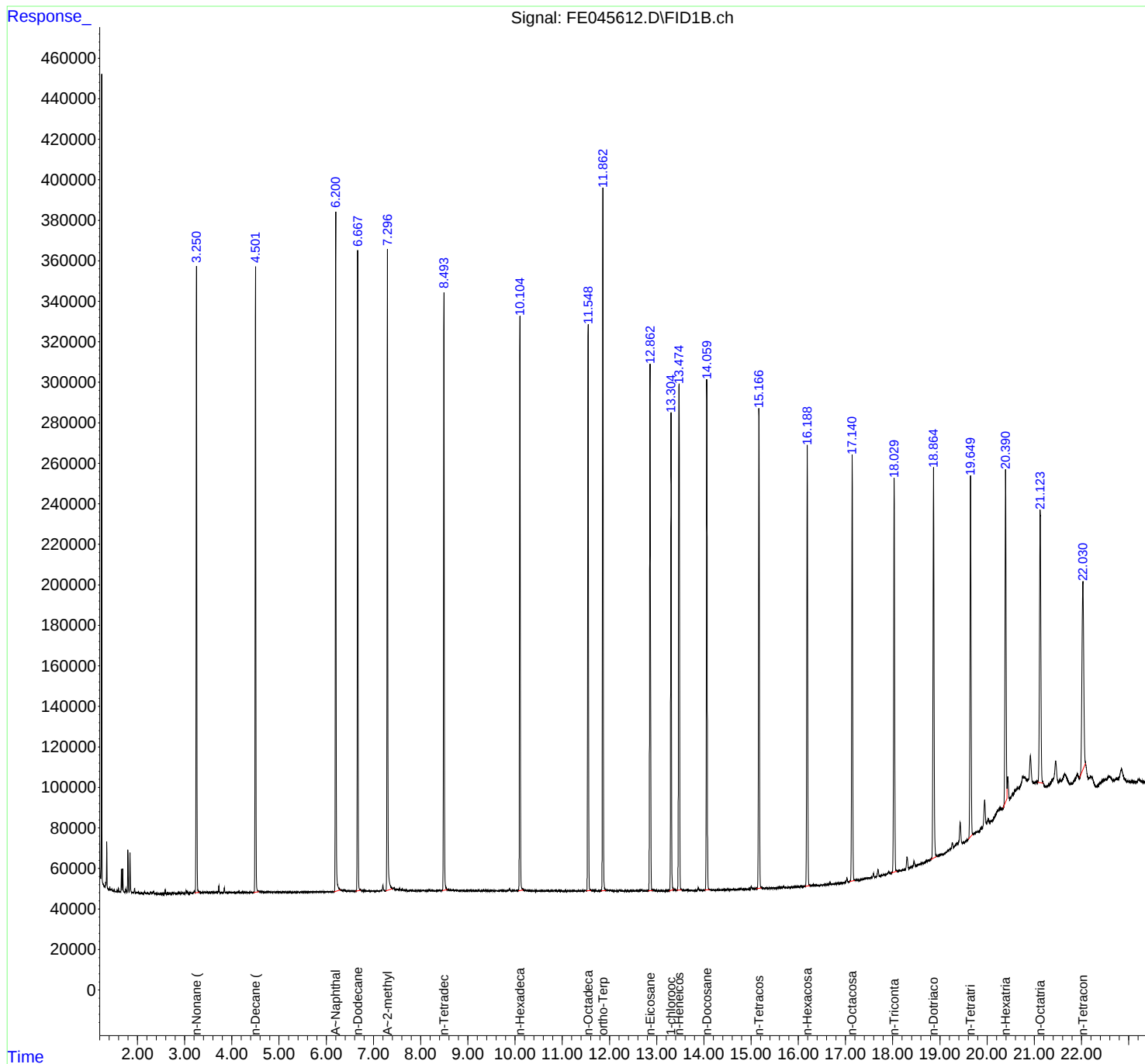
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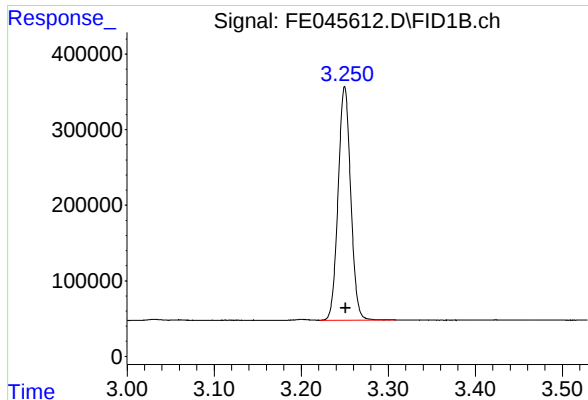
(m)=manual int.

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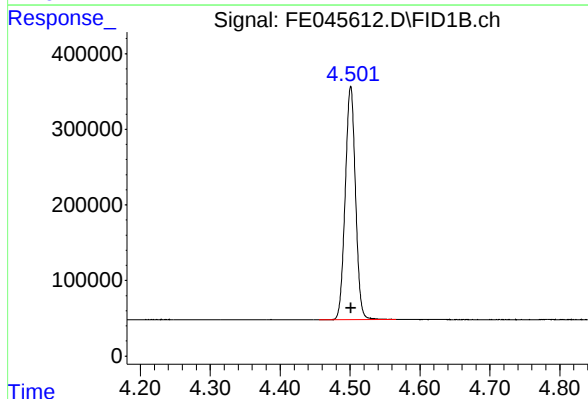
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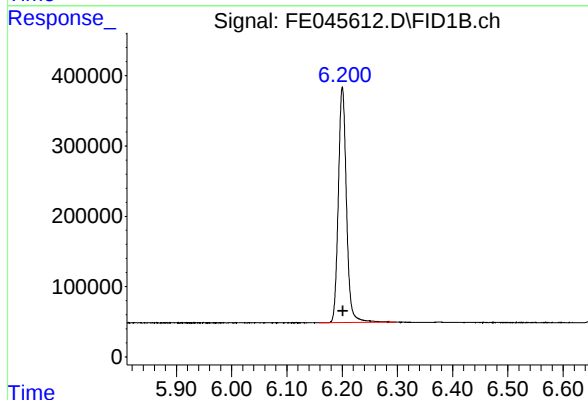
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.001 min
Response: 3101072
Conc: 19.56 ug/ml



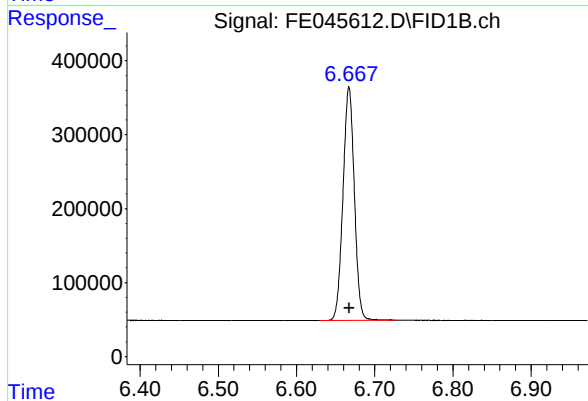
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3142175
Conc: 19.62 ug/ml



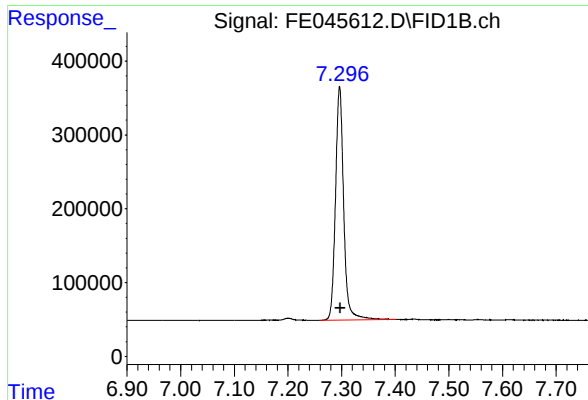
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 3428529
Conc: 19.68 ug/ml



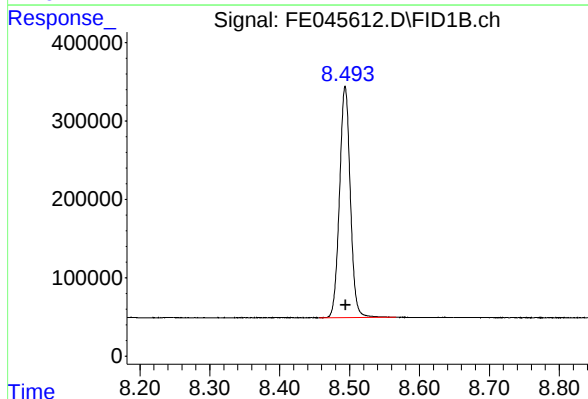
#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 3186085
Conc: 19.72 ug/ml



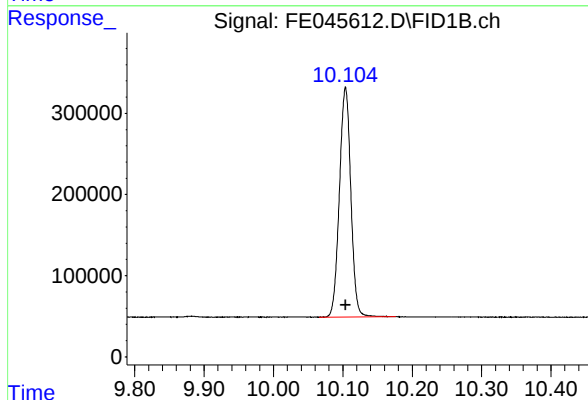
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 3354644
Conc: 19.75 ug/ml



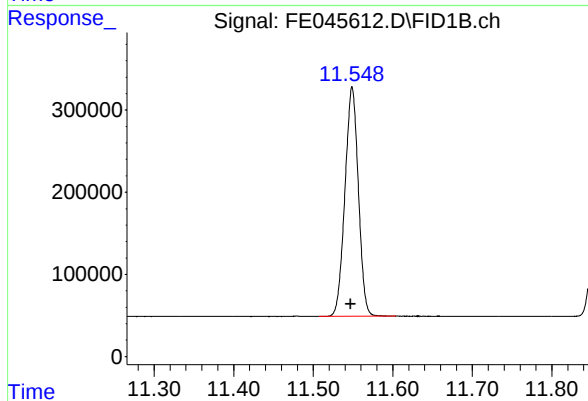
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 3160952
Conc: 19.70 ug/ml



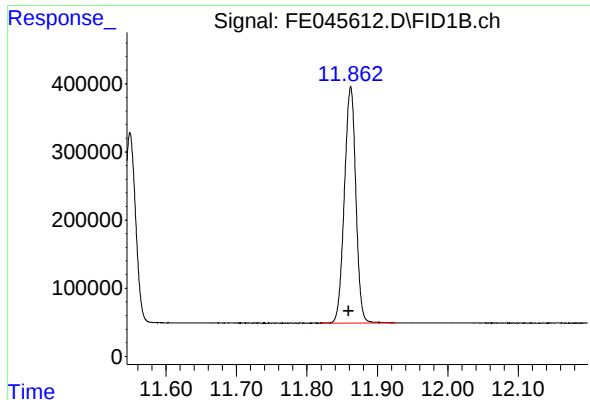
#7 n-Hexadecane (C16)

R.T.: 10.104 min
Delta R.T.: 0.000 min
Response: 3233710
Conc: 19.53 ug/ml



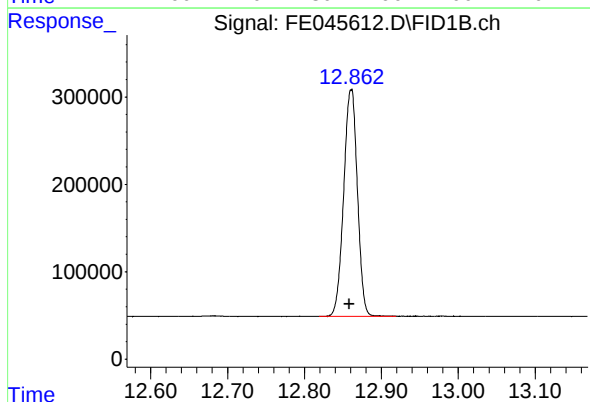
#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: 0.002 min
Response: 3272714
Conc: 19.09 ug/ml



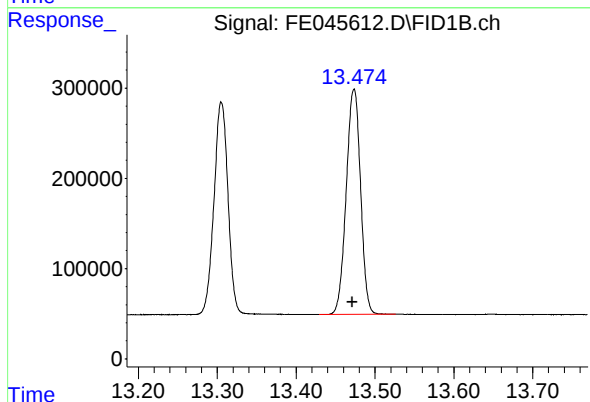
#9 ortho-Terphenyl (SURR)

R.T.: 11.862 min
Delta R.T.: 0.003 min
Response: 3916022
Conc: 18.73 ug/ml



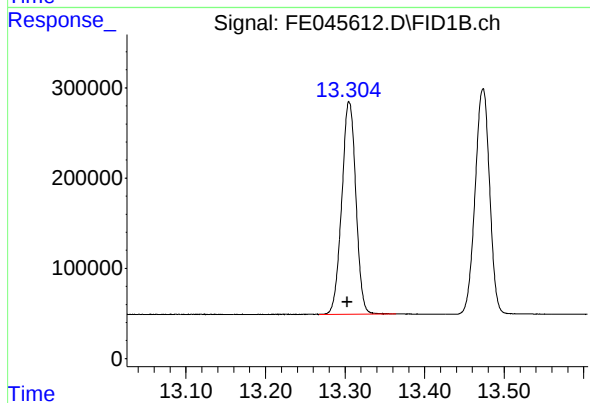
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: 0.003 min
Response: 3206623
Conc: 18.53 ug/ml



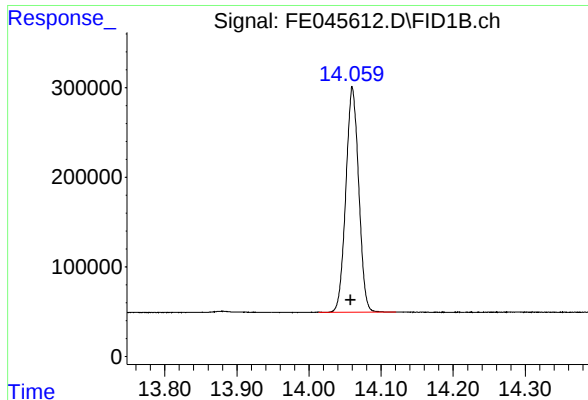
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: 0.002 min
Response: 3157072
Conc: 18.35 ug/ml



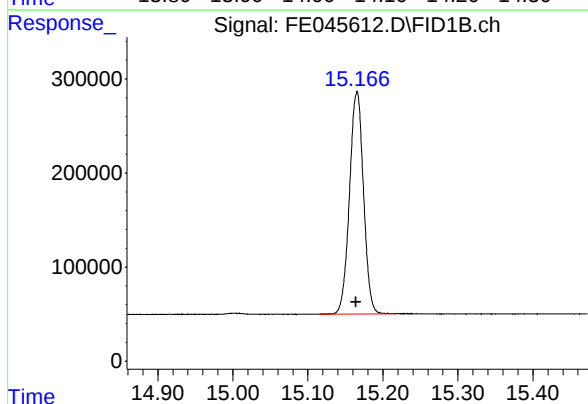
#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 2904088
Conc: 18.46 ug/ml



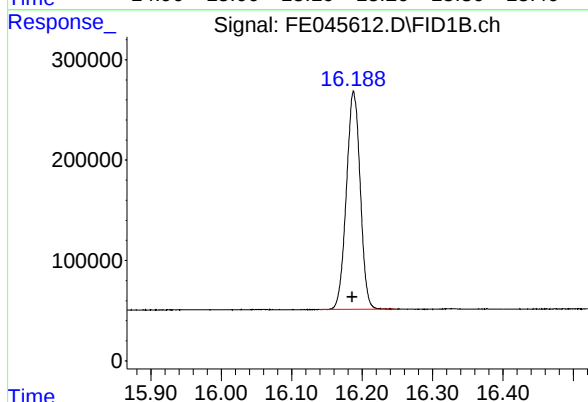
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: 0.002 min
Response: 3121454
Conc: 18.10 ug/ml



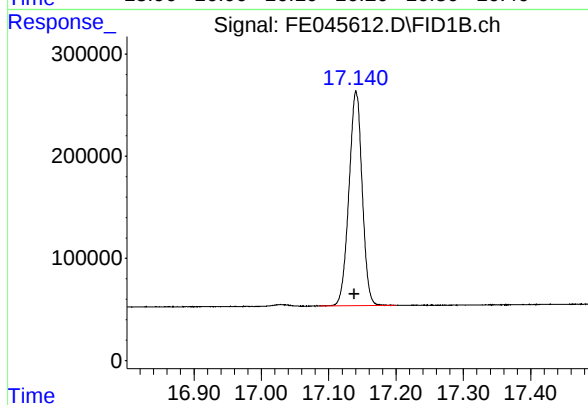
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: 0.002 min
Response: 3060369
Conc: 17.53 ug/ml



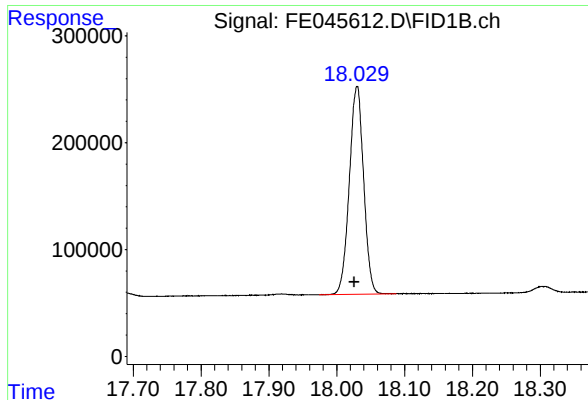
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: 0.002 min
Response: 2967775
Conc: 17.04 ug/ml



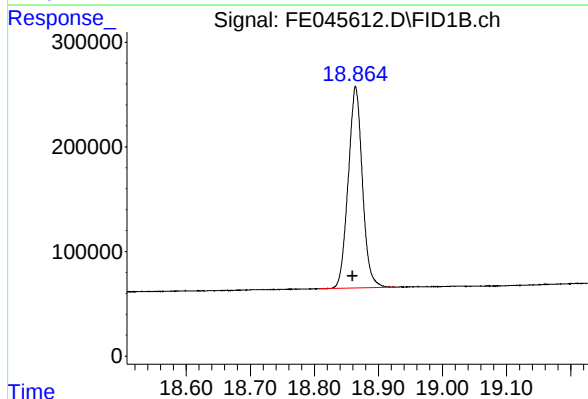
#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.002 min
Response: 2865577
Conc: 16.58 ug/ml



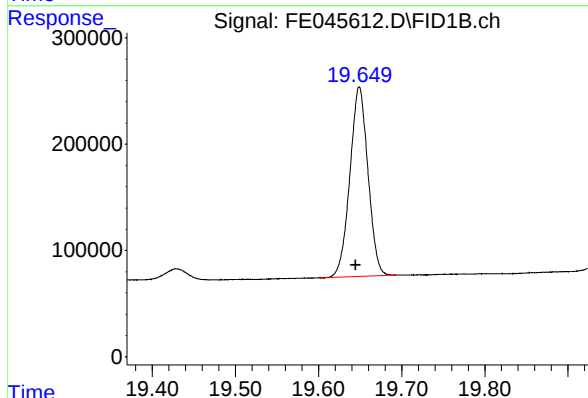
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.004 min
Response: 2849375
Conc: 16.29 ug/ml



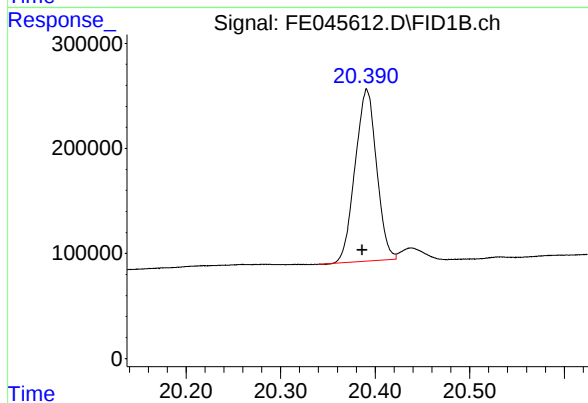
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.004 min
Response: 2958023
Conc: 16.21 ug/ml



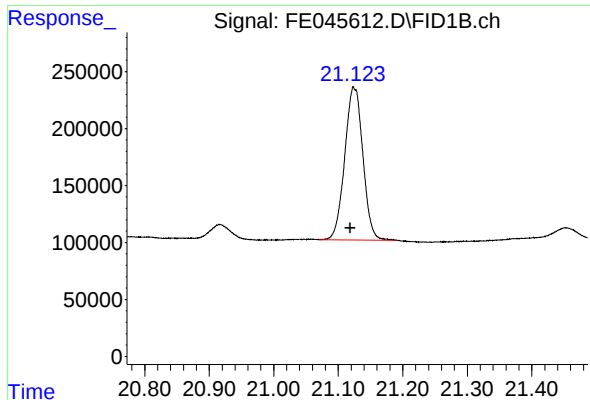
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.004 min
Response: 2692834
Conc: 16.23 ug/ml



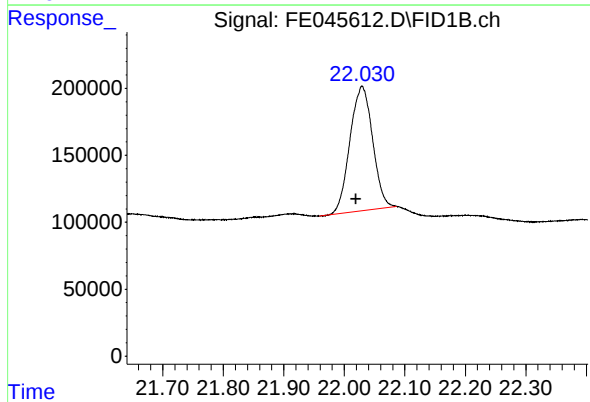
#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.005 min
Response: 2577290
Conc: 16.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.005 min
Response: 2616589
Conc: 16.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.030 min
Delta R.T.: 0.010 min
Response: 2411226
Conc: 16.97 ug/ml m