

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041224AL\
 Data File : FE047600.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2024 13:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 12 23:13:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.987	3491306	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	13.421	2713559	20.176 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	3.362	3156444	20.176 ug/ml
2) T n-Decane (C10)	4.615	3240162	20.161 ug/ml
3) T A~Naphthalene (C11.7)	6.325	3437426	20.273 ug/ml
4) T n-Dodecane (C12)	6.782	3261389	20.094 ug/ml
5) T A~2-methylnaphthalene...	7.421	3322340	20.231 ug/ml
6) T n-Tetradecane (C14)	8.612	3233997	20.103 ug/ml
7) T n-Hexadecane (C16)	10.220	3343322	20.131 ug/ml
8) T n-Octadecane (C18)	11.665	3376400	20.134 ug/mlm
10) T n-Eicosane (C20)	12.975	3251075	20.068 ug/ml
11) T n-Heneicosane (C21)	13.587	3192624	20.121 ug/ml
13) T n-Docosane (C22)	14.173	3192476	19.893 ug/ml
14) T n-Tetracosane (C24)	15.276	3222836	19.525 ug/ml
15) T n-Hexacosane (C26)	16.297	3195602	19.333 ug/ml
16) T n-Octacosane (C28)	17.246	3189288	19.245 ug/ml
17) T n-Tricontane (C30)	18.135	3307260	19.480 ug/ml
18) T n-Dotriacontane (C32)	18.968	3311262	19.858 ug/ml
19) T n-Tetratriacontane (C34)	19.752	3350882	20.893 ug/mlm
20) T n-Hexatriacontane (C36)	20.492	3345422	20.975 ug/mlm
21) T n-Octatriacontane (C38)	21.236	3350613	20.616 ug/mlm
22) T n-Tetracontane (C40)	22.173	3241656	19.799 ug/ml

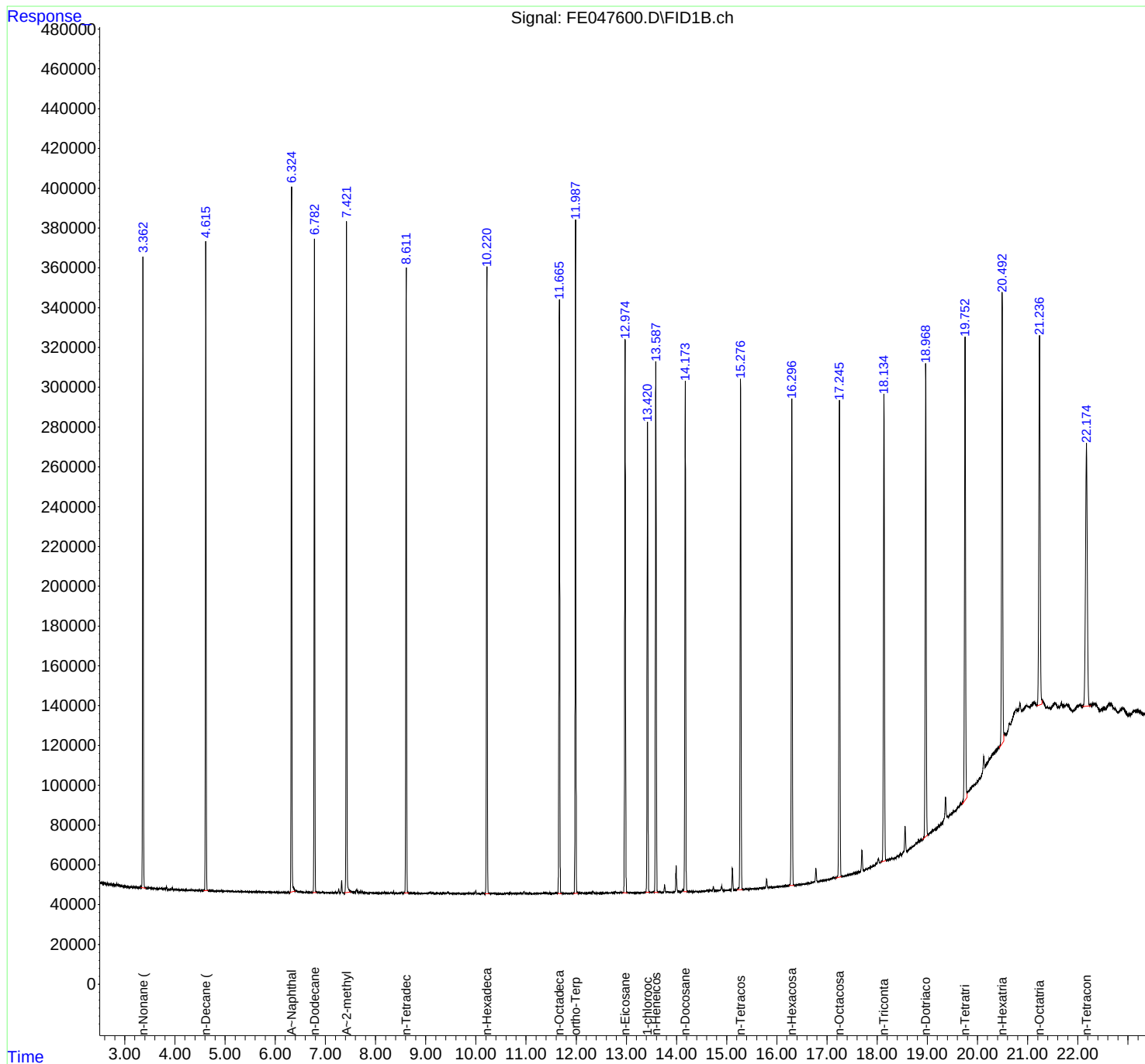
(f)=RT Delta > 1/2 Window

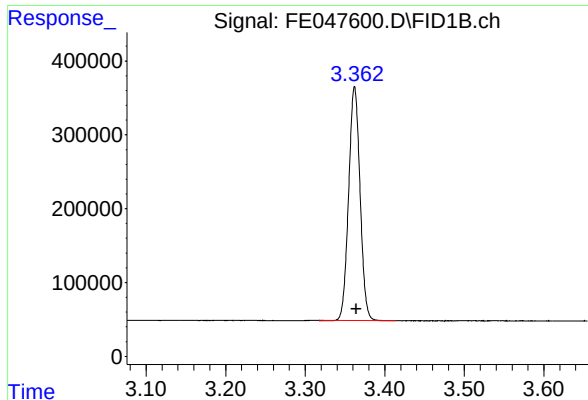
(m)=manual int.

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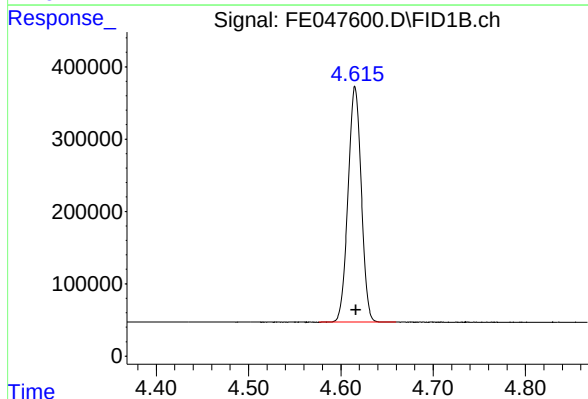
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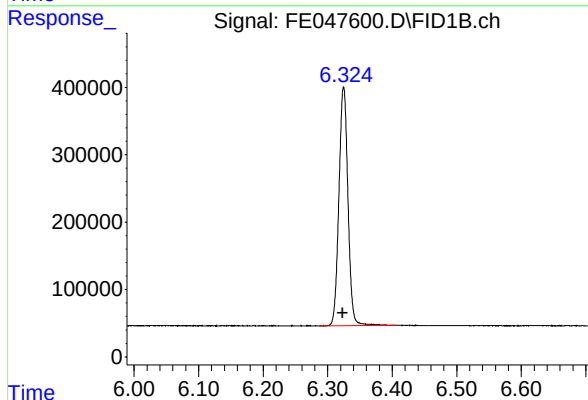
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.002 min
Response: 3156444
Conc: 20.18 ug/ml



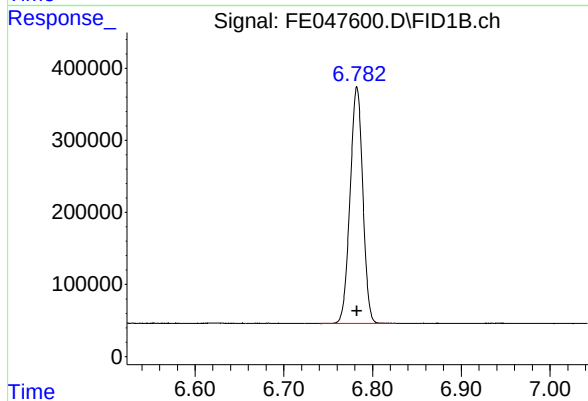
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 3240162
Conc: 20.16 ug/ml



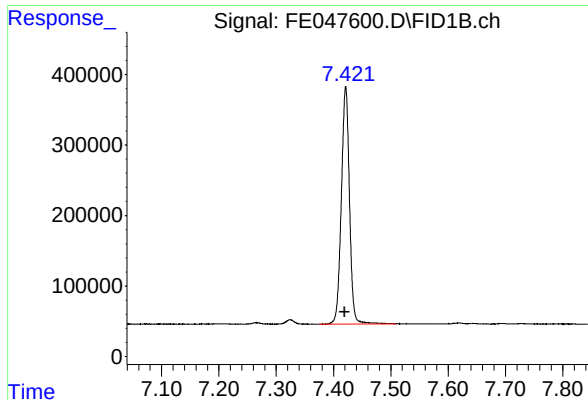
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.001 min
Response: 3437426
Conc: 20.27 ug/ml



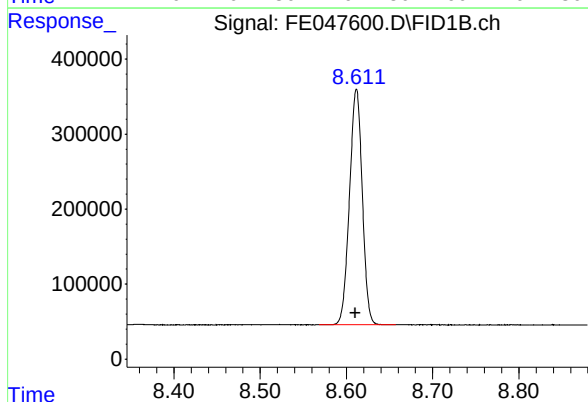
#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 3261389
Conc: 20.09 ug/ml



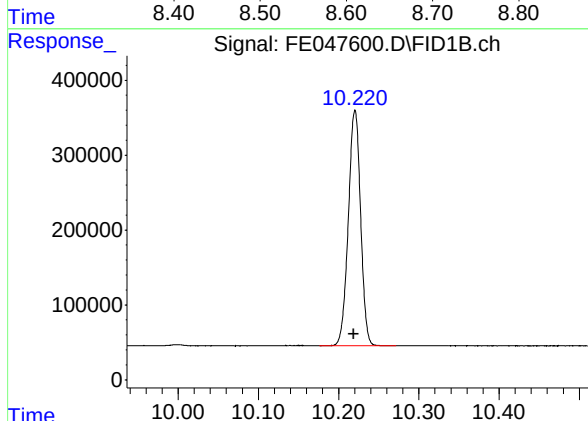
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.421 min
Delta R.T.: 0.002 min
Response: 3322340
Conc: 20.23 ug/ml



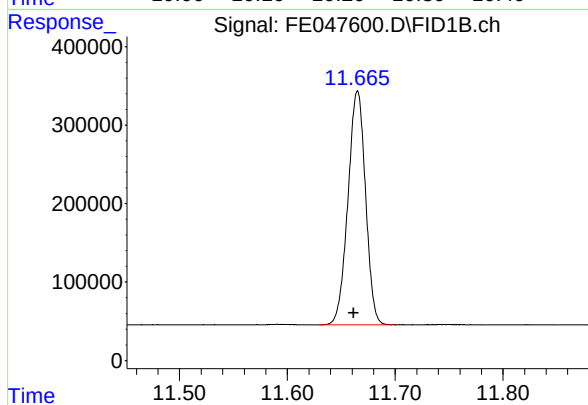
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 3233997
Conc: 20.10 ug/ml



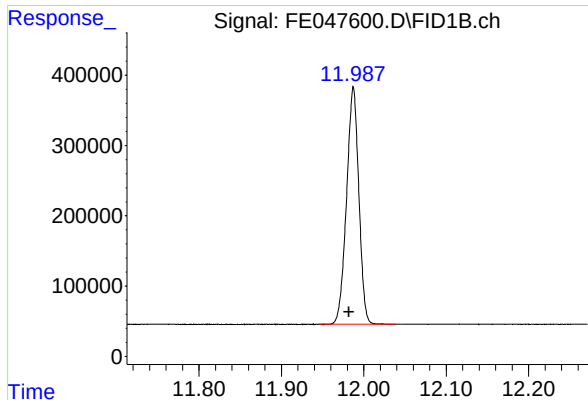
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.002 min
Response: 3343322
Conc: 20.13 ug/ml



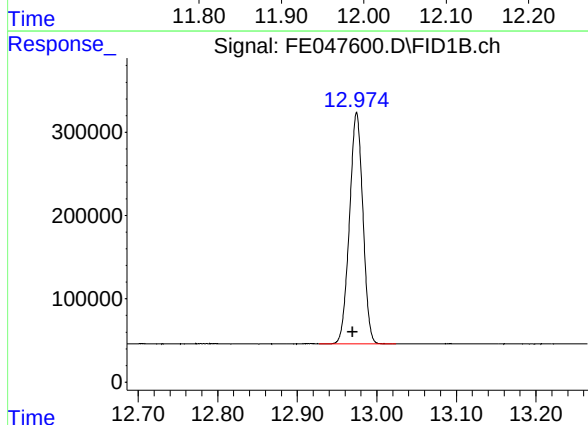
#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.003 min
Response: 3376400
Conc: 20.13 ug/ml m



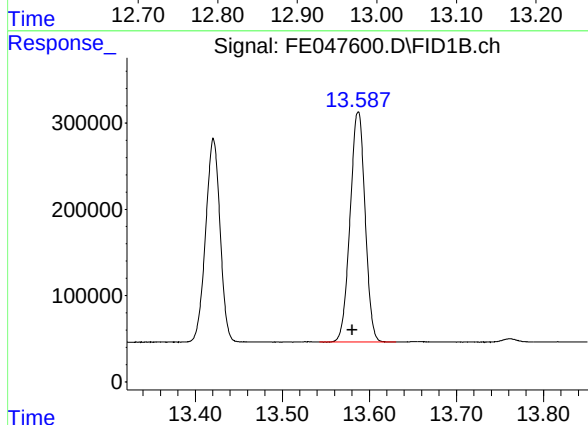
#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.005 min
Response: 3491306
Conc: 20.13 ug/ml



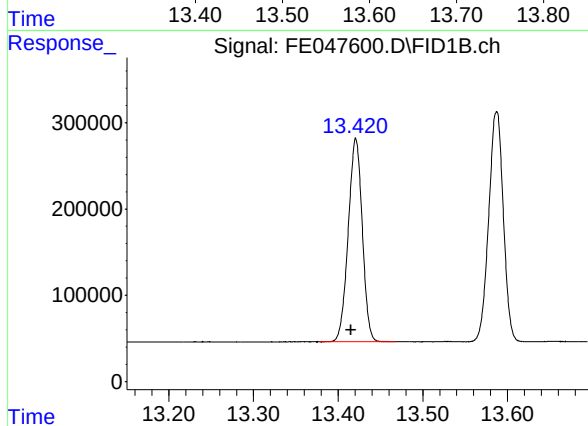
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.005 min
Response: 3251075
Conc: 20.07 ug/ml



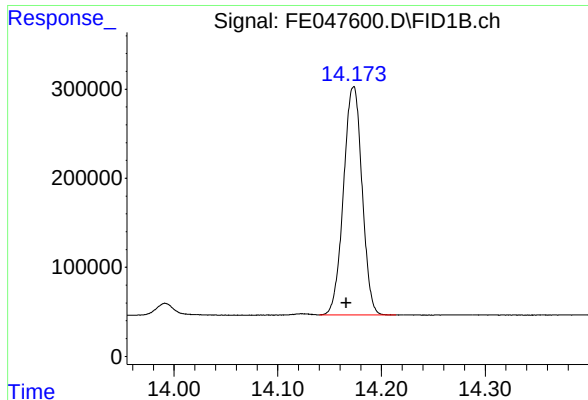
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.007 min
Response: 3192624
Conc: 20.12 ug/ml



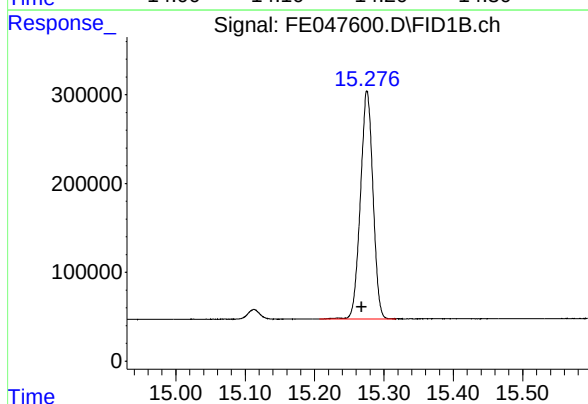
#12 1-chlorooctadecane (SURR)

R.T.: 13.421 min
Delta R.T.: 0.006 min
Response: 2713559
Conc: 20.18 ug/ml



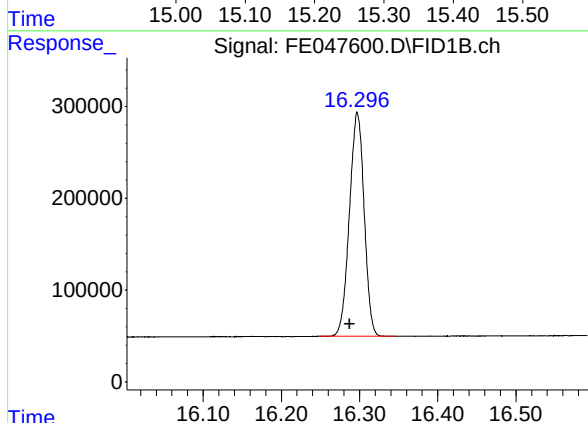
#13 n-Docosane (C22)

R.T.: 14.173 min
Delta R.T.: 0.007 min
Response: 3192476
Conc: 19.89 ug/ml



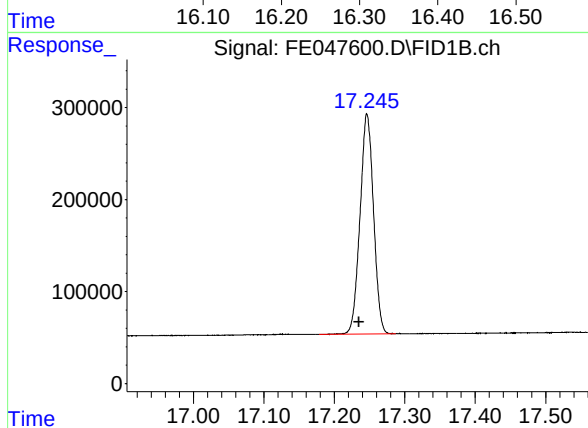
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.008 min
Response: 3222836
Conc: 19.52 ug/ml



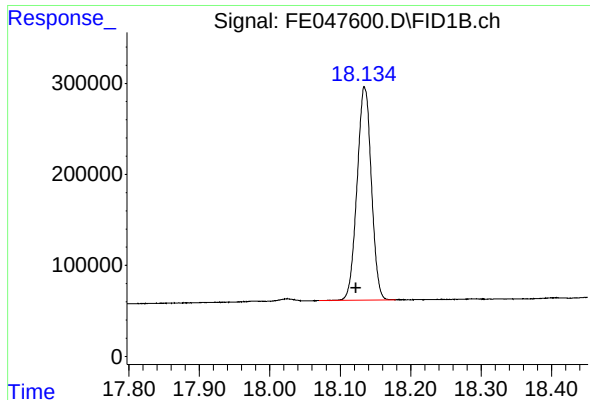
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.010 min
Response: 3195602
Conc: 19.33 ug/ml



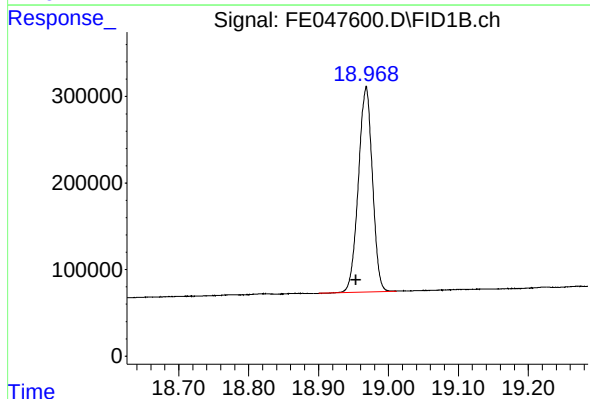
#16 n-Octacosane (C28)

R.T.: 17.246 min
Delta R.T.: 0.011 min
Response: 3189288
Conc: 19.25 ug/ml



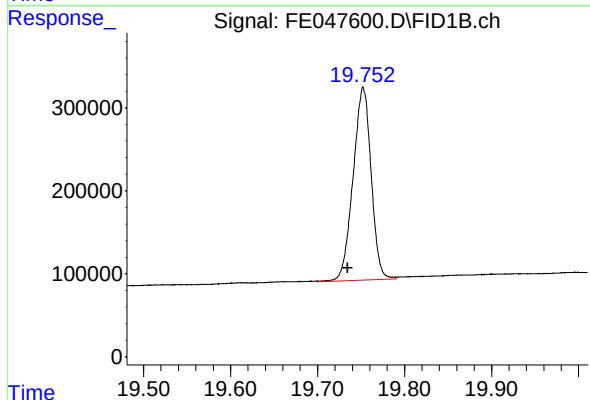
#17 n-Tricontane (C30)

R.T.: 18.135 min
Delta R.T.: 0.012 min
Response: 3307260
Conc: 19.48 ug/ml



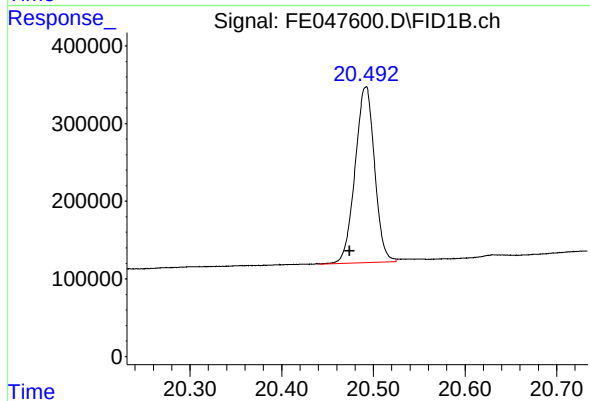
#18 n-Dotriacontane (C32)

R.T.: 18.968 min
Delta R.T.: 0.015 min
Response: 3311262
Conc: 19.86 ug/ml



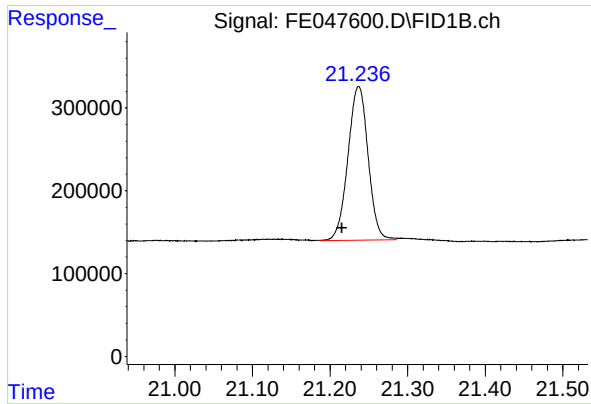
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: 0.017 min
Response: 3350882
Conc: 20.89 ug/ml m



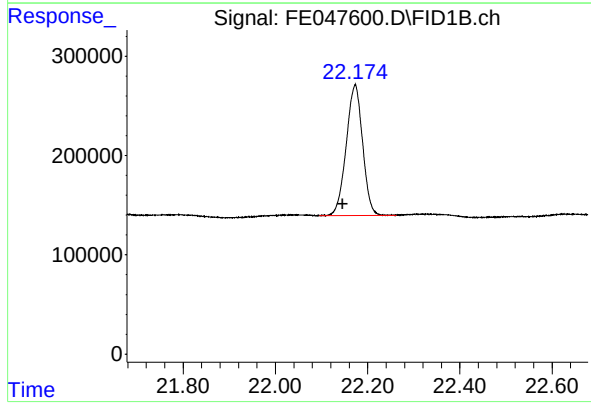
#20 n-Hexatriacontane (C36)

R.T.: 20.492 min
Delta R.T.: 0.018 min
Response: 3345422
Conc: 20.97 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.020 min
Response: 3350613
Conc: 20.62 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: 0.027 min
Response: 3241656
Conc: 19.80 ug/ml