

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102623AL\
 Data File : FE045048.D
 Signal(s) : FID1B.ch
 Acq On : 26 Oct 2023 20:43
 Operator : YP\AJ
 Sample : 05062-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 01:12:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.900	9519927	47.489 ug/ml
Spiked Amount 50.000		Recovery =	94.98%
12) S 1-chlorooctadecane (S...	13.393	228743940	1545.715 ug/ml
Spiked Amount 50.000		Recovery =	3091.43%
Target Compounds			
1) T n-Nonane (C9)	3.278	128095	0.764 ug/ml
2) T n-Decane (C10)	4.566	150845	0.886 ug/ml
3) T A~Naphthalene (C11.7)	6.260	908151	4.906 ug/ml
4) T n-Dodecane (C12)	6.699	3218037	18.642 ug/ml
5) T A~2-methylnaphthalene...	7.333	2386269	13.228 ug/ml
6) T n-Tetradecane (C14)	8.529	6618636	38.597 ug/ml
7) T n-Hexadecane (C16)	10.139	8722554	49.881 ug/ml
8) T n-Octadecane (C18)	11.584	6725775	38.562 ug/ml
10) T n-Eicosane (C20)	12.896	4515270	27.033 ug/ml
11) T n-Heneicosane (C21)	13.527	3587684	22.009 ug/ml
13) T n-Docosane (C22)	14.099	2639457	16.501 ug/ml
14) T n-Tetracosane (C24)	15.197	2259359	14.558 ug/ml
15) T n-Hexacosane (C26)	16.222	882102	5.875 ug/ml
16) T n-Octacosane (C28)	17.174	783055	5.333 ug/ml
17) T n-Tricontane (C30)	18.063	857411	5.765 ug/ml
18) T n-Dotriacontane (C32)	18.898	1540181	10.261 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2137290	14.357 ug/ml
20) T n-Hexatriacontane (C36)	20.434	4520466	29.403 ug/ml
21) T n-Octatriacontane (C38)	21.177	3309635	21.187 ug/ml
22) T n-Tetracontane (C40)	22.102	1527458	9.140 ug/ml

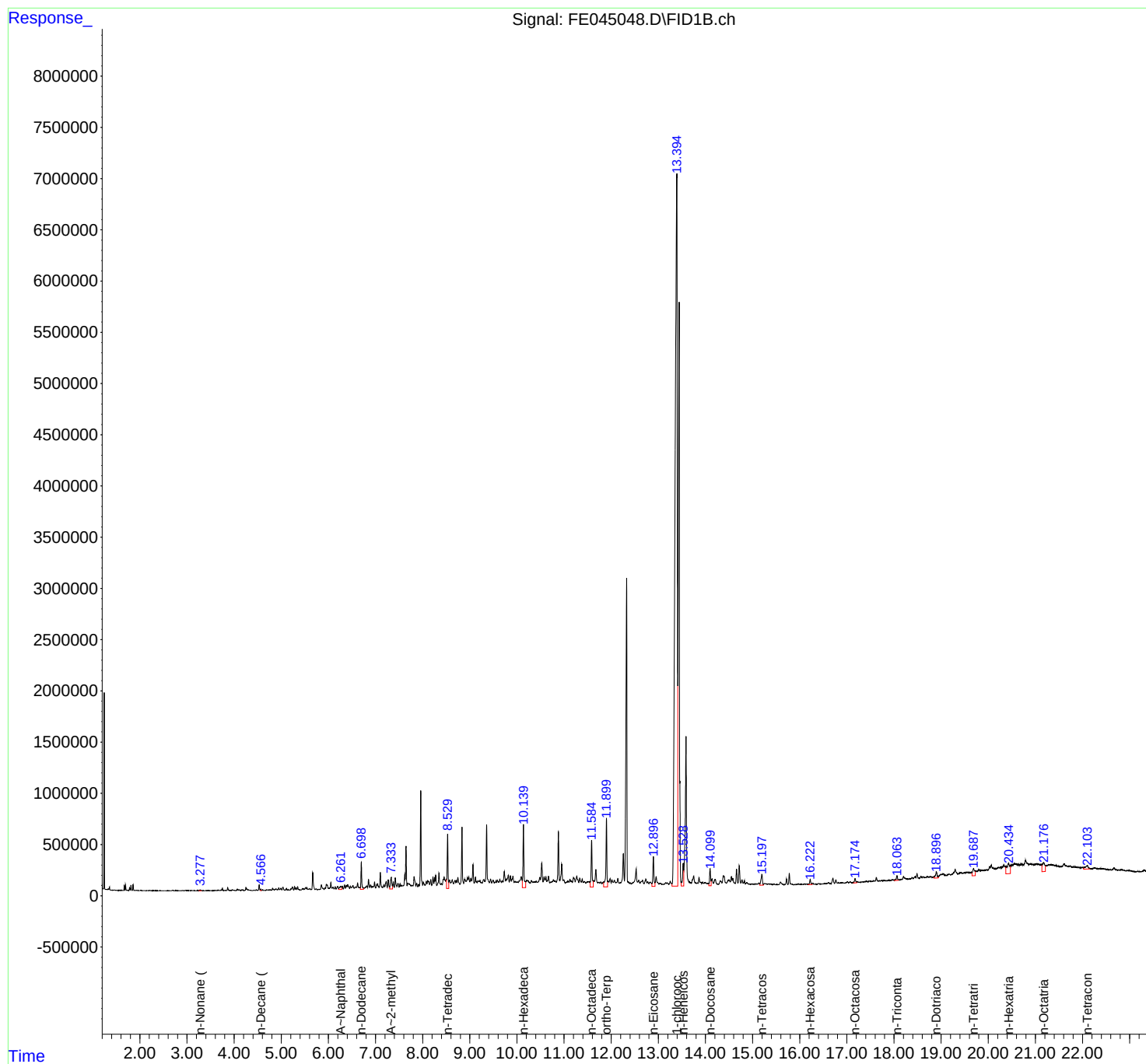
(f)=RT Delta > 1/2 Window

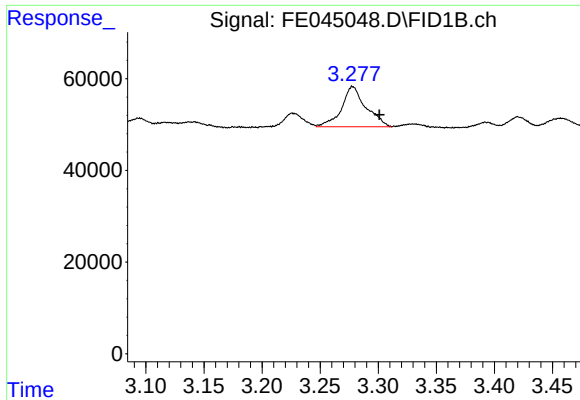
(m)=manual int.

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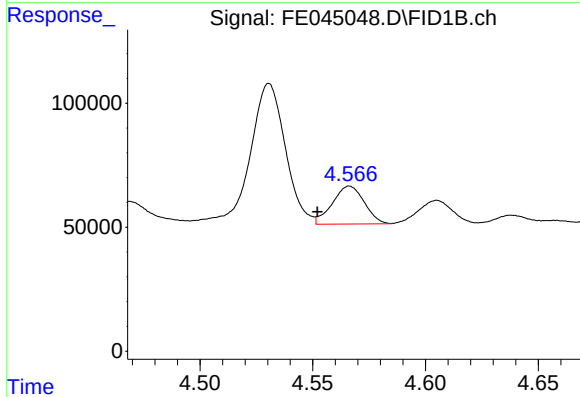
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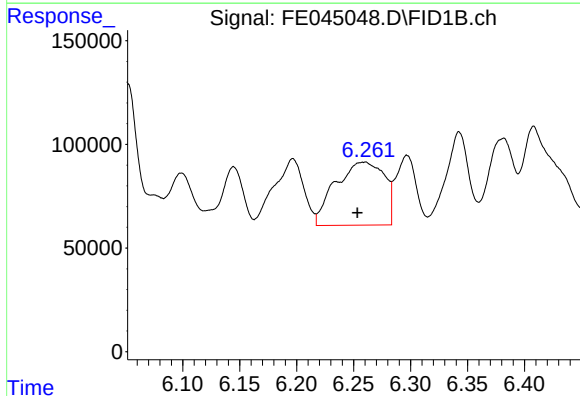
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.023 min
Response: 128095
Conc: 0.76 ug/ml



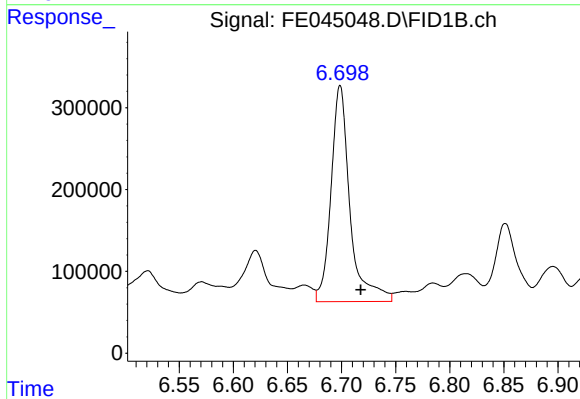
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.014 min
Response: 150845
Conc: 0.89 ug/ml



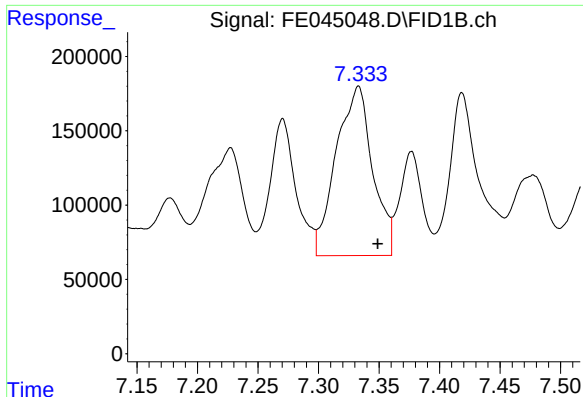
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: 0.007 min
Response: 908151
Conc: 4.91 ug/ml



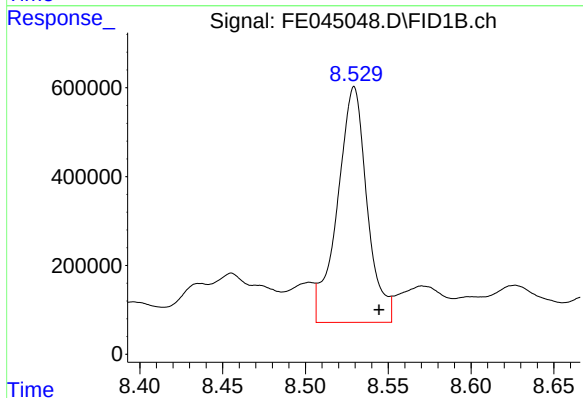
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.019 min
Response: 3218037
Conc: 18.64 ug/ml



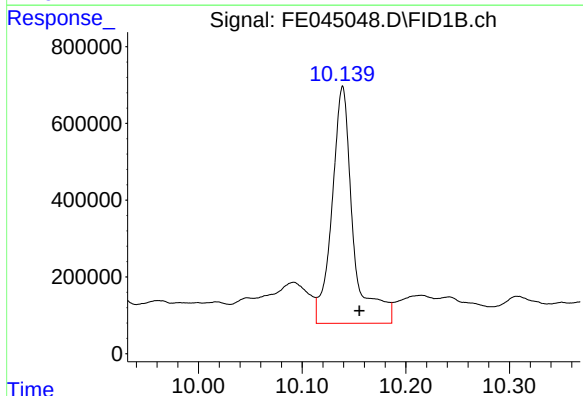
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 2386269
Conc: 13.23 ug/ml



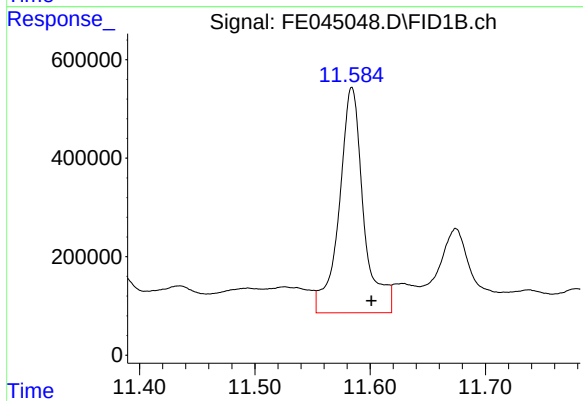
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.015 min
Response: 6618636
Conc: 38.60 ug/ml



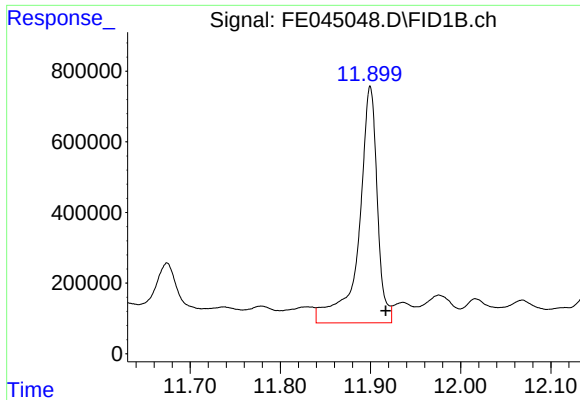
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.016 min
Response: 8722554
Conc: 49.88 ug/ml



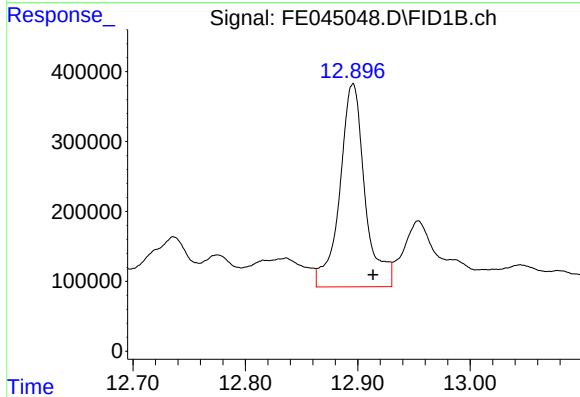
#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.017 min
Response: 6725775
Conc: 38.56 ug/ml



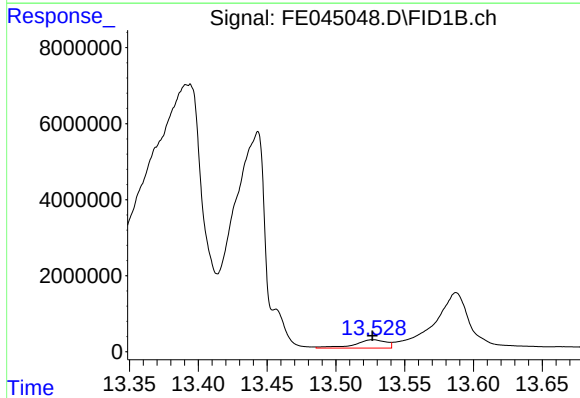
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 9519927
Conc: 47.49 ug/ml



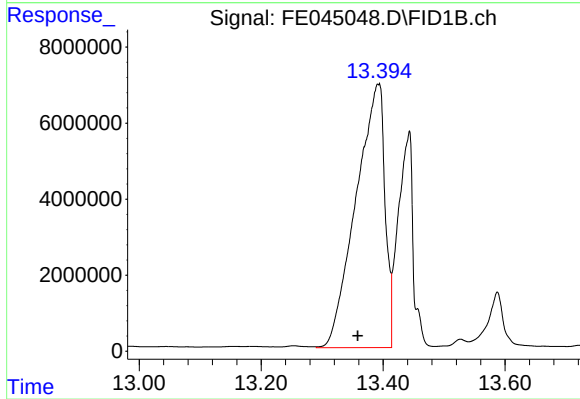
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.018 min
Response: 4515270
Conc: 27.03 ug/ml



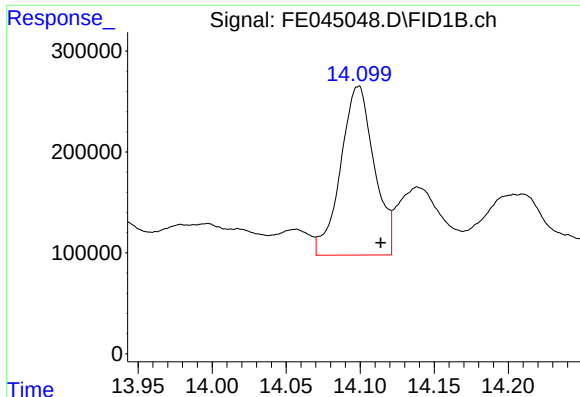
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.000 min
Response: 3587684
Conc: 22.01 ug/ml



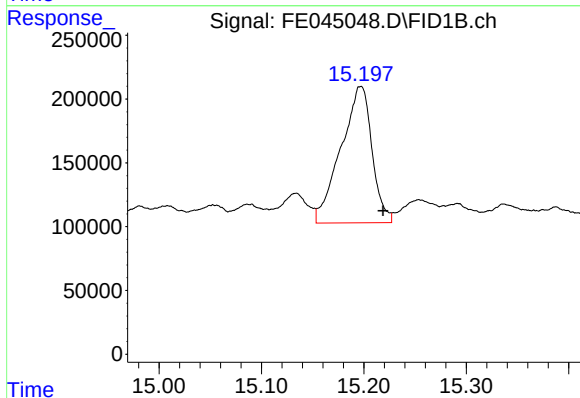
#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: 0.034 min
Response: 228743940
Conc: 1545.72 ug/ml



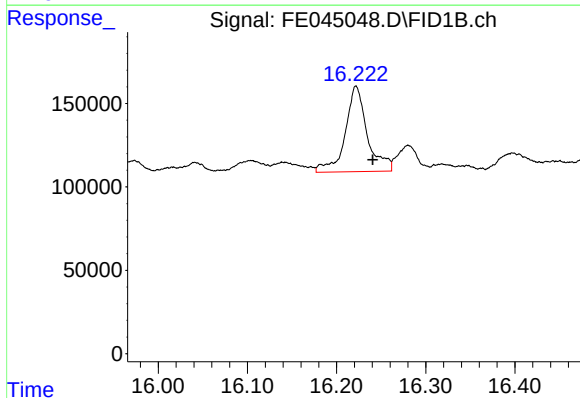
#13 n-Docosane (C22)

R.T.: 14.099 min
Delta R.T.: -0.015 min
Response: 2639457
Conc: 16.50 ug/ml



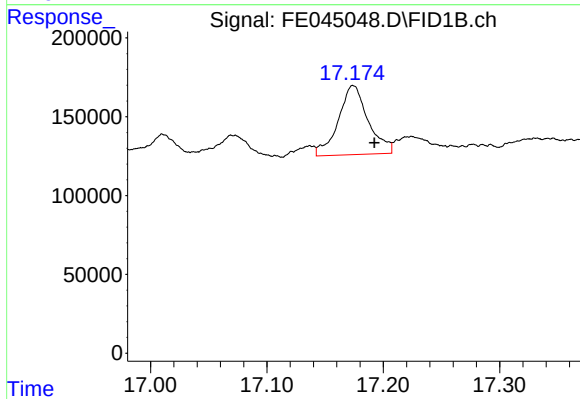
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.022 min
Response: 2259359
Conc: 14.56 ug/ml



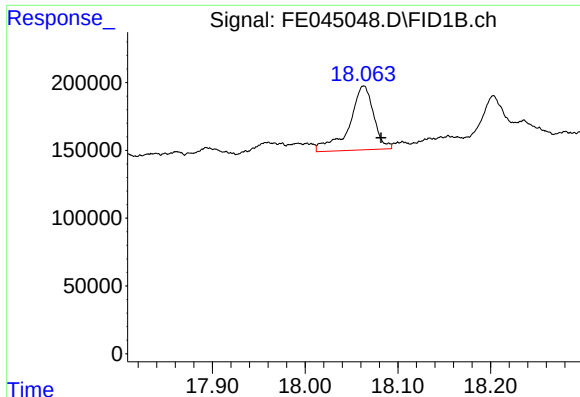
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.019 min
Response: 882102
Conc: 5.88 ug/ml



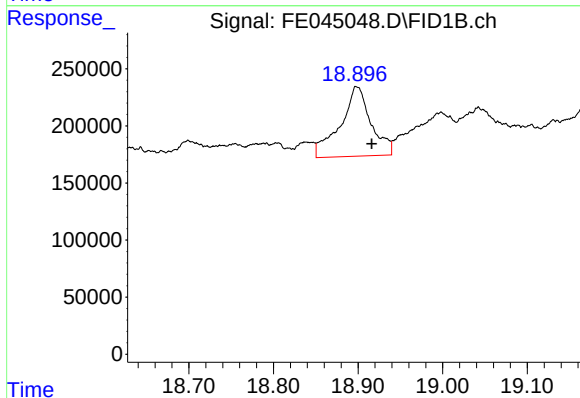
#16 n-Octacosane (C28)

R.T.: 17.174 min
Delta R.T.: -0.018 min
Response: 783055
Conc: 5.33 ug/ml



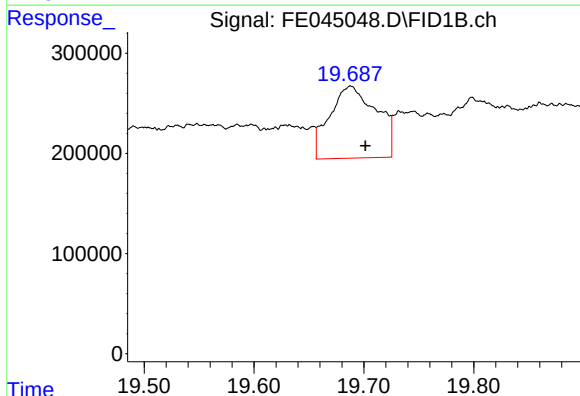
#17 n-Tricontane (C30)

R.T.: 18.063 min
Delta R.T.: -0.019 min
Response: 857411
Conc: 5.76 ug/ml



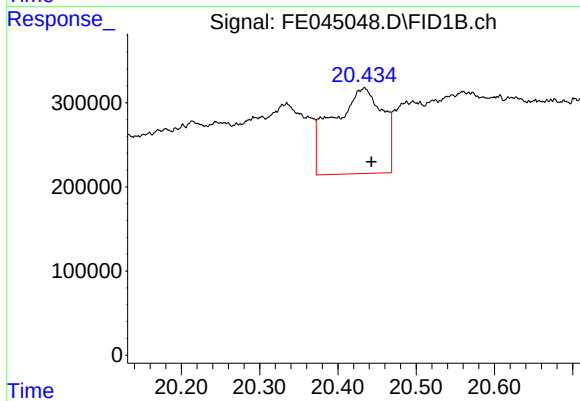
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.018 min
Response: 1540181
Conc: 10.26 ug/ml



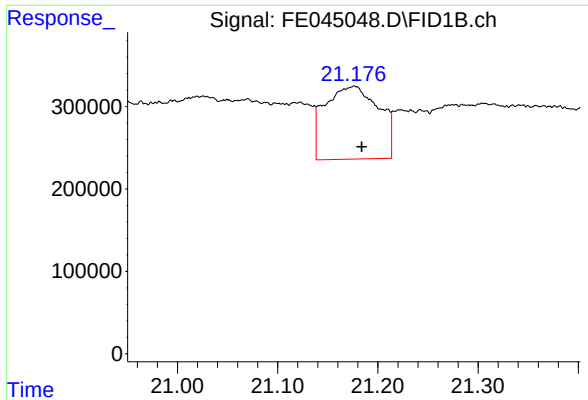
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: -0.013 min
Response: 2137290
Conc: 14.36 ug/ml



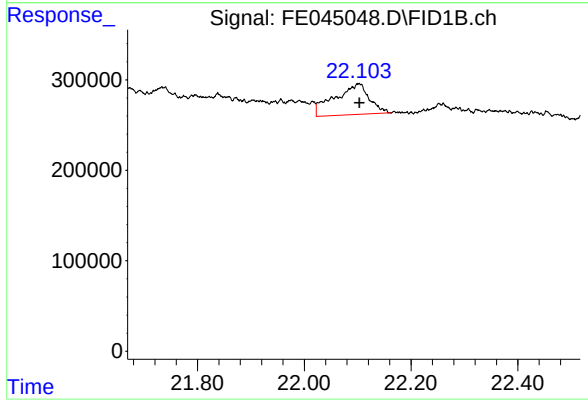
#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.009 min
Response: 4520466
Conc: 29.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.007 min
Response: 3309635
Conc: 21.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.001 min
Response: 1527458
Conc: 9.14 ug/ml