

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032924AL\
 Data File : FE047396.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2024 11:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 29 12:35:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.984	2835619	18.107 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
12) S 1-chlorooctadecane (S...	13.418	2206132	18.190 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T n-Nonane (C9)	3.366	2679920	18.351 ug/ml
2) T n-Decane (C10)	4.618	2736026	18.354 ug/ml
3) T A~Naphthalene (C11.7)	6.325	2827375	18.224 ug/ml
4) T n-Dodecane (C12)	6.784	2731204	18.262 ug/ml
5) T A~2-methylnaphthalene...	7.422	2716095	18.149 ug/ml
6) T n-Tetradecane (C14)	8.612	2686964	18.218 ug/ml
7) T n-Hexadecane (C16)	10.219	2752612	18.186 ug/ml
8) T n-Octadecane (C18)	11.663	2771232	18.240 ug/ml
10) T n-Eicosane (C20)	12.971	2665516	18.320 ug/ml
11) T n-Heneicosane (C21)	13.583	2603640	18.217 ug/ml
13) T n-Docosane (C22)	14.169	2645542	18.637 ug/ml
14) T n-Tetracosane (C24)	15.271	2732267	19.381 ug/ml
15) T n-Hexacosane (C26)	16.291	2788944	20.056 ug/ml
16) T n-Octacosane (C28)	17.239	2841078	20.792 ug/ml
17) T n-Tricontane (C30)	18.126	3013899	21.707 ug/ml
18) T n-Dotriacontane (C32)	18.957	2963061	21.481 ug/ml
19) T n-Tetratriacontane (C34)	19.739	2757641	20.121 ug/ml
20) T n-Hexatriacontane (C36)	20.477	2684018	19.653 ug/ml
21) T n-Octatriacontane (C38)	21.220	2732031	19.709 ug/ml
22) T n-Tetracontane (C40)	22.153	2610129	18.219 ug/ml

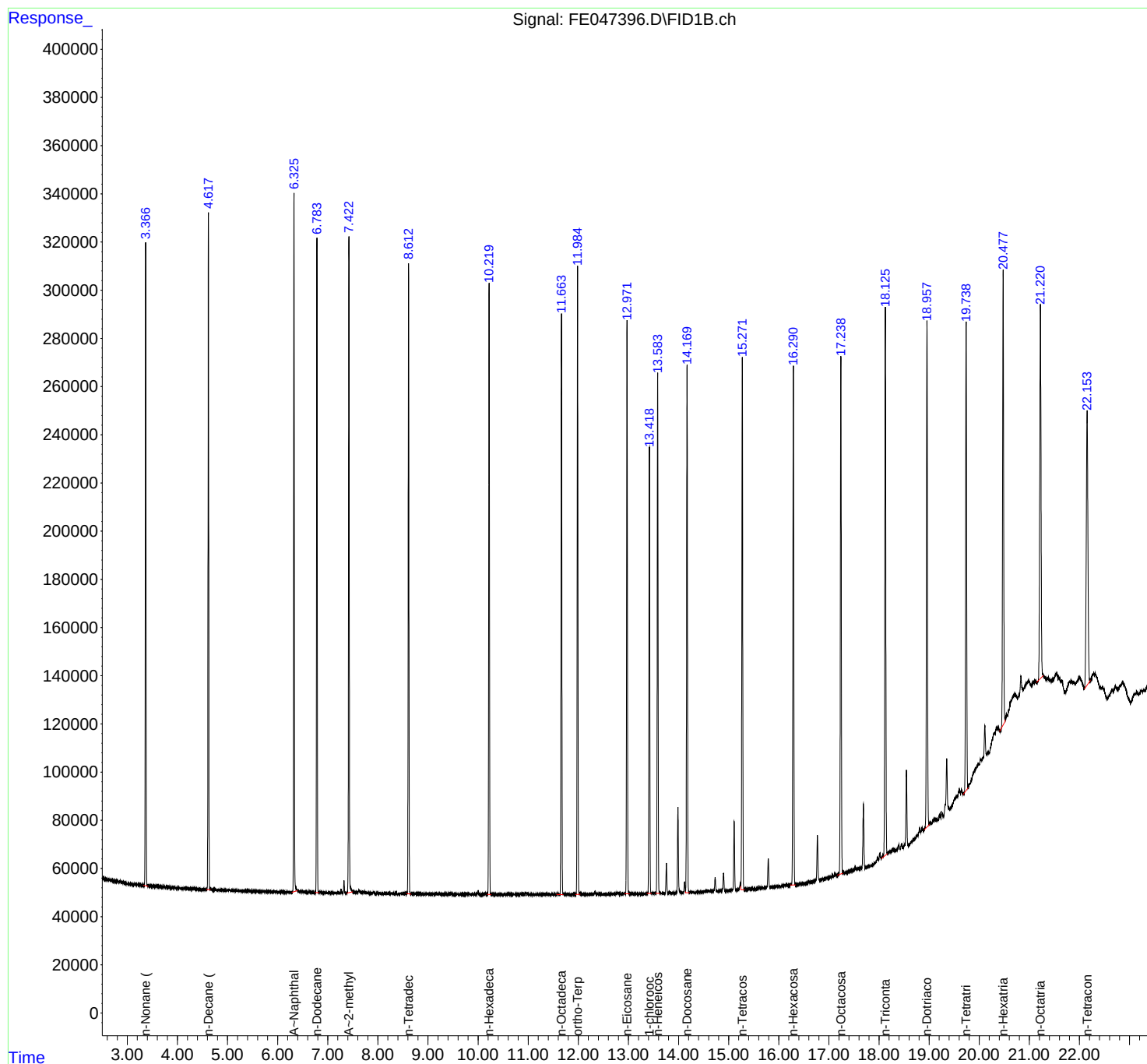
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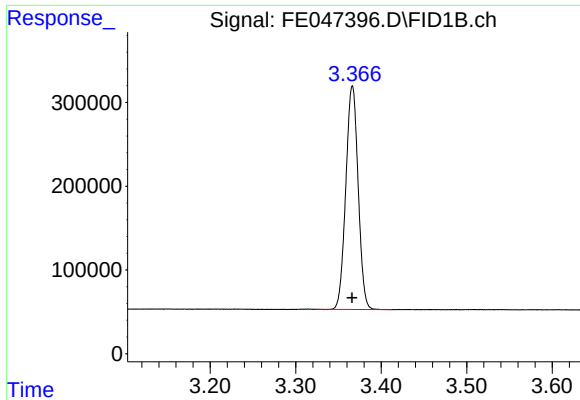
(m)=manual int.

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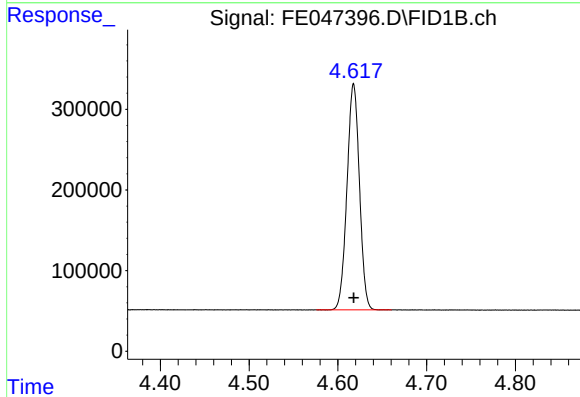
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Signal Info : 20M x 0.18mm x 0.18um





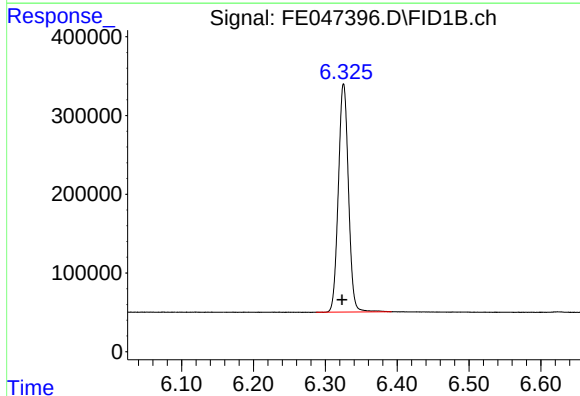
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 2679920
Conc: 18.35 ug/ml



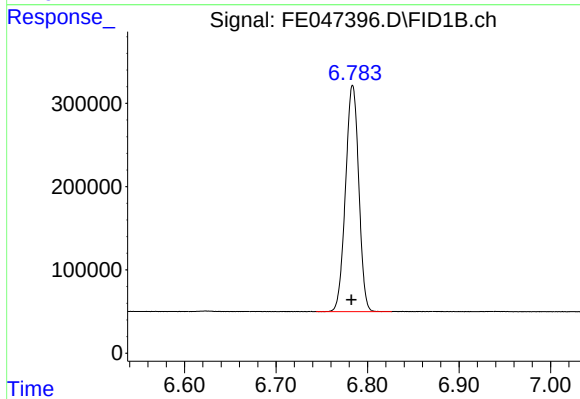
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 2736026
Conc: 18.35 ug/ml



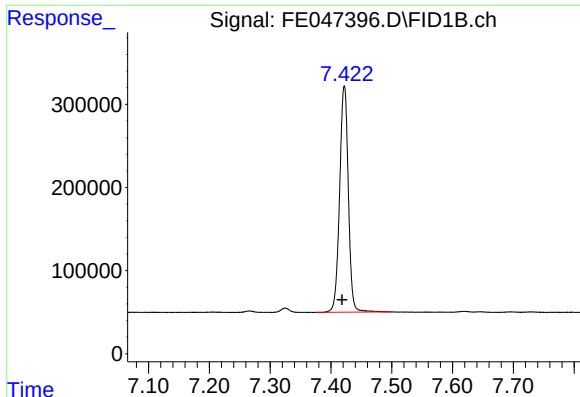
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 2827375
Conc: 18.22 ug/ml



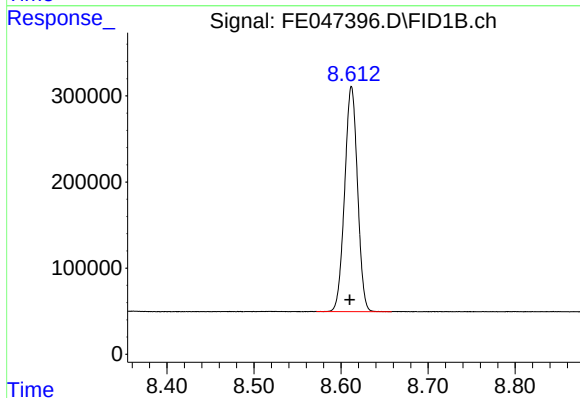
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 2731204
Conc: 18.26 ug/ml



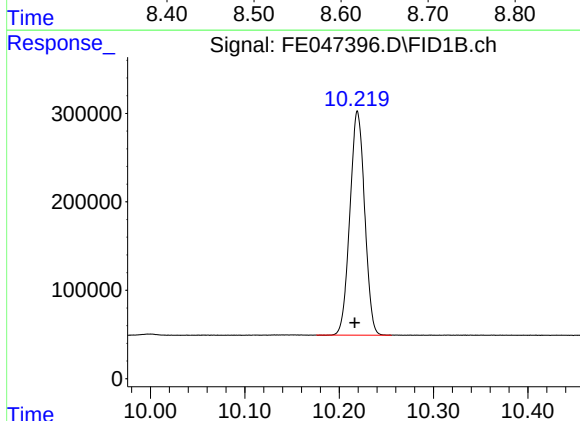
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.422 min
Delta R.T.: 0.004 min
Response: 2716095
Conc: 18.15 ug/ml



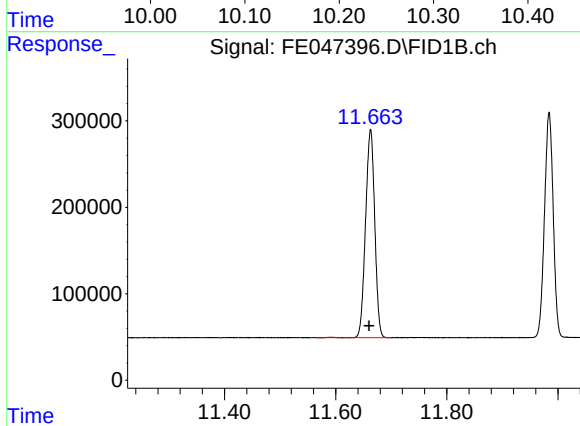
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.002 min
Response: 2686964
Conc: 18.22 ug/ml



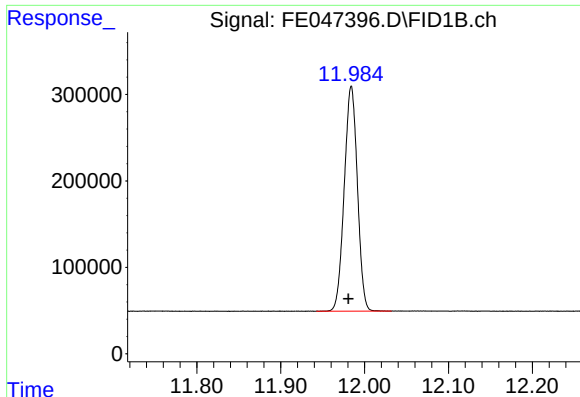
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.003 min
Response: 2752612
Conc: 18.19 ug/ml



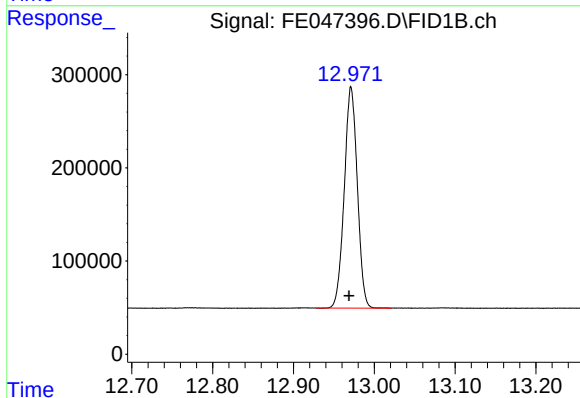
#8 n-Octadecane (C18)

R.T.: 11.663 min
Delta R.T.: 0.003 min
Response: 2771232
Conc: 18.24 ug/ml



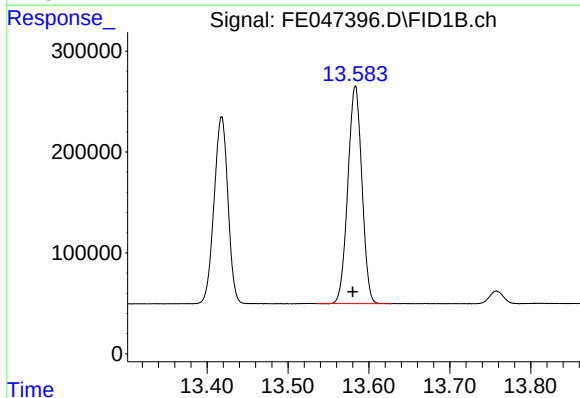
#9 ortho-Terphenyl (SURR)

R.T.: 11.984 min
Delta R.T.: 0.004 min
Response: 2835619
Conc: 18.11 ug/ml



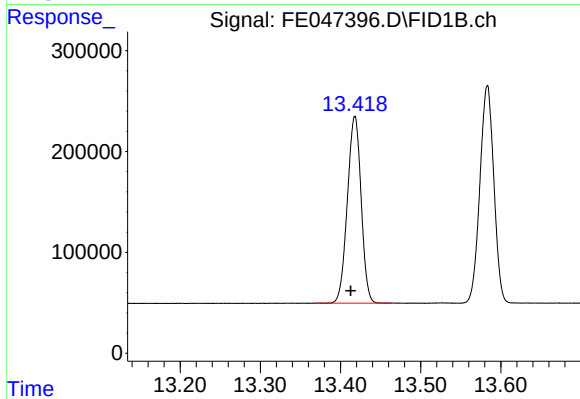
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.002 min
Response: 2665516
Conc: 18.32 ug/ml



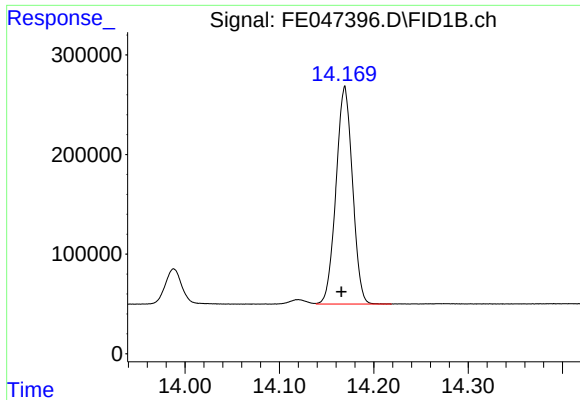
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.004 min
Response: 2603640
Conc: 18.22 ug/ml



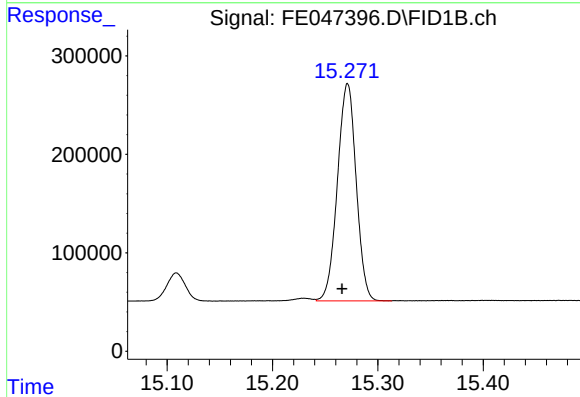
#12 1-chlorooctadecane (SURR)

R.T.: 13.418 min
Delta R.T.: 0.005 min
Response: 2206132
Conc: 18.19 ug/ml



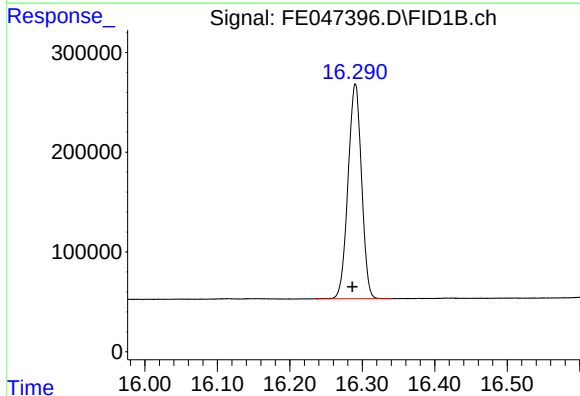
#13 n-Docosane (C22)

R.T.: 14.169 min
Delta R.T.: 0.004 min
Response: 2645542
Conc: 18.64 ug/ml



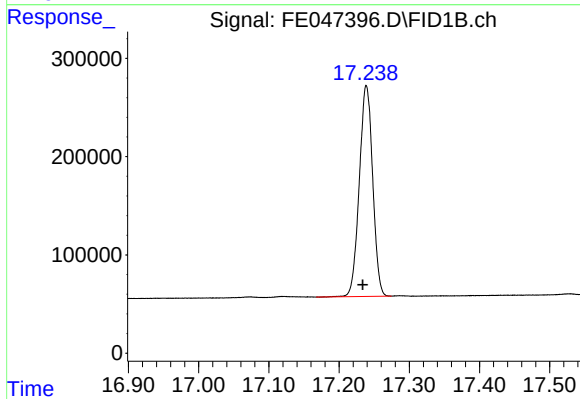
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.005 min
Response: 2732267
Conc: 19.38 ug/ml



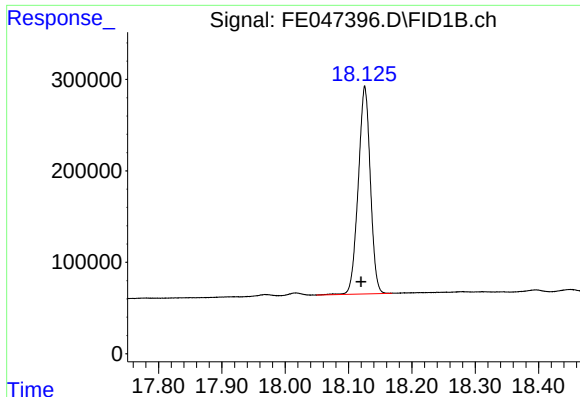
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.004 min
Response: 2788944
Conc: 20.06 ug/ml



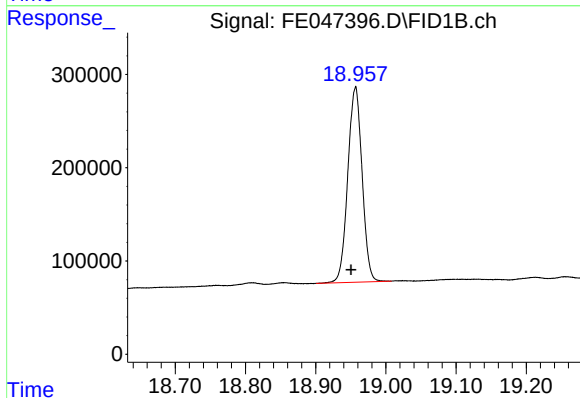
#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.005 min
Response: 2841078
Conc: 20.79 ug/ml



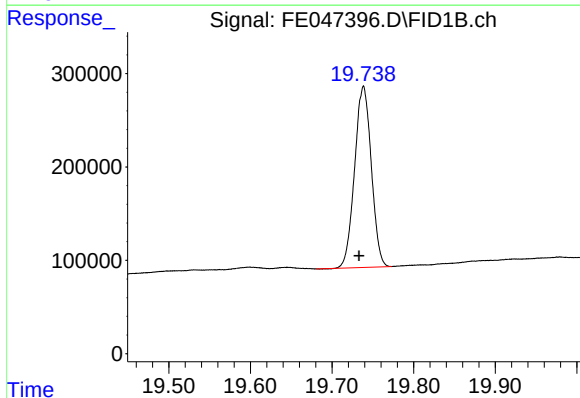
#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: 0.006 min
Response: 3013899
Conc: 21.71 ug/ml



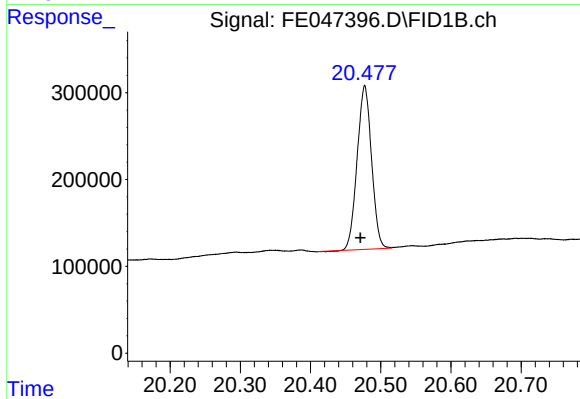
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.006 min
Response: 2963061
Conc: 21.48 ug/ml



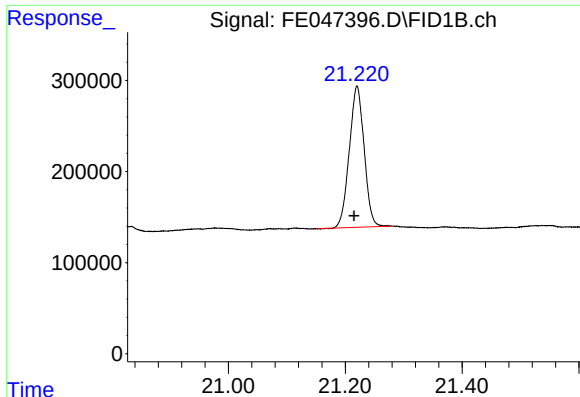
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.005 min
Response: 2757641
Conc: 20.12 ug/ml



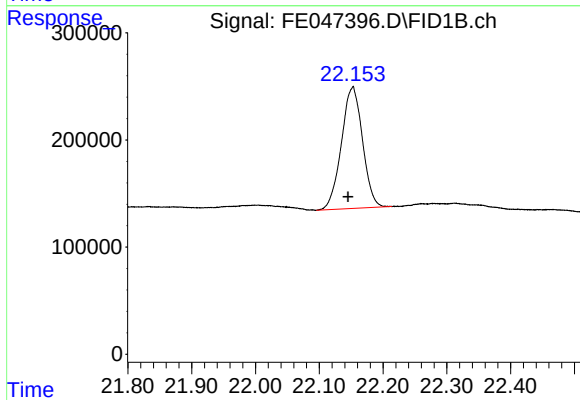
#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.006 min
Response: 2684018
Conc: 19.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.005 min
Response: 2732031
Conc: 19.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.008 min
Response: 2610129
Conc: 18.22 ug/ml