

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AL\
 Data File : FG017104.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 20:14
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : LOD-LOQ-SOIL-0.5 ML-QT4-2025
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 06 03:18:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 2025
 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			
12) S 1-chlorooctadecane (S...	13.474	2502138	21.572 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
Target Compounds			
1) T n-Nonane (C9)	3.355	365085	2.975 ug/ml
2) T n-Decane (C10)	4.615	468072	3.756 ug/ml
4) T n-Dodecane (C12)	6.795	566694	4.465 ug/ml
6) T n-Tetradecane (C14)	8.634	574804	4.602 ug/ml
7) T n-Hexadecane (C16)	10.251	551903	4.294 ug/ml
8) T n-Octadecane (C18)	11.704	603117	4.442 ug/ml
10) T n-Eicosane (C20)	13.023	676346	4.943 ug/ml
11) T n-Heneicosane (C21)	13.640	619820	4.570 ug/ml
13) T n-Docosane (C22)	14.230	636228	4.634 ug/ml
14) T n-Tetracosane (C24)	15.341	601381	4.251 ug/ml
15) T n-Hexacosane (C26)	16.369	573486	4.130 ug/ml
16) T n-Octacosane (C28)	17.325	549007	3.920 ug/ml
17) T n-Tricontane (C30)	18.218	546726	3.682 ug/ml
18) T n-Dotriacontane (C32)	19.055	531158	3.547 ug/ml
19) T n-Tetratriacontane (C34)	19.844	511425	3.896 ug/ml
20) T n-Hexatriacontane (C36)	20.588	485988	4.616 ug/ml
21) T n-Octatriacontane (C38)	21.362	480468	5.246 ug/ml
22) T n-Tetracontane (C40)	22.342	473493	5.808 ug/ml

(f)=RT Delta > 1/2 Window

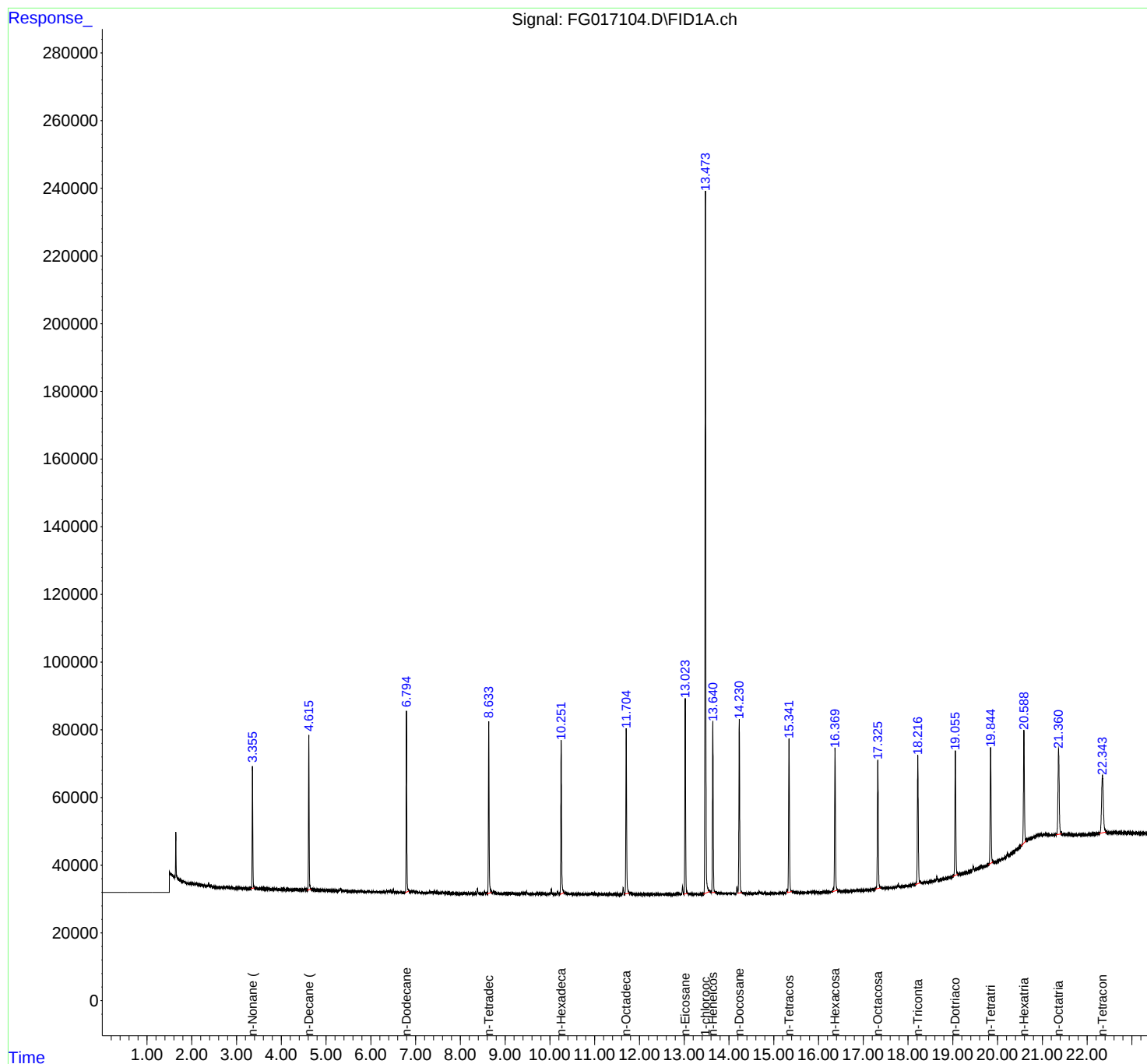
(m)=manual int.

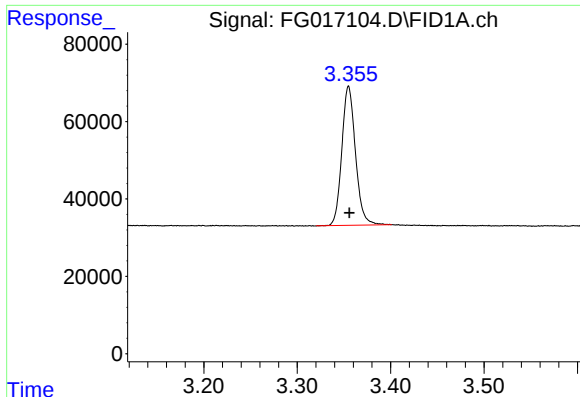
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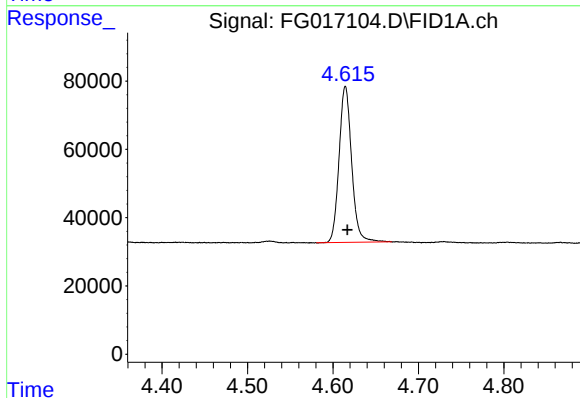




#1 n-Nonane (C9)

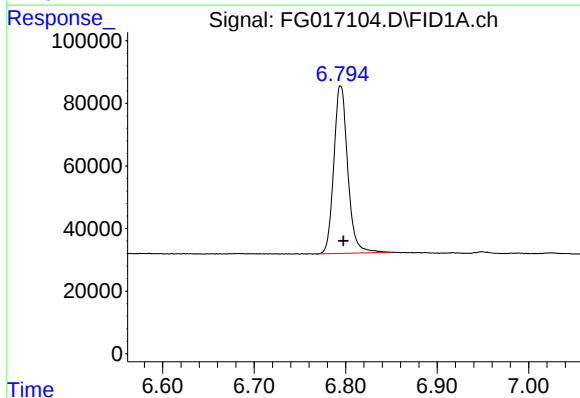
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 365085
Conc: 2.97 ug/ml

Instrument :
FID_G
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LOQ-SOIL-02-QT4-2025



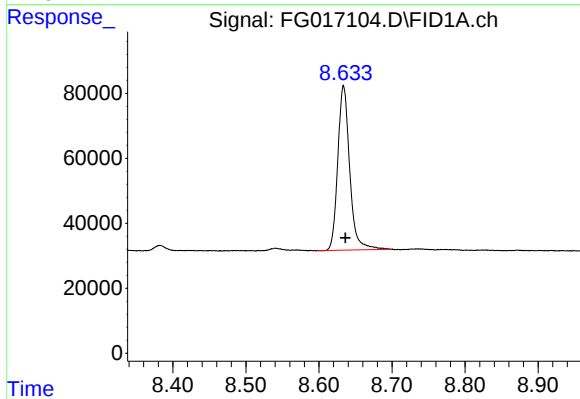
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 468072
Conc: 3.76 ug/ml



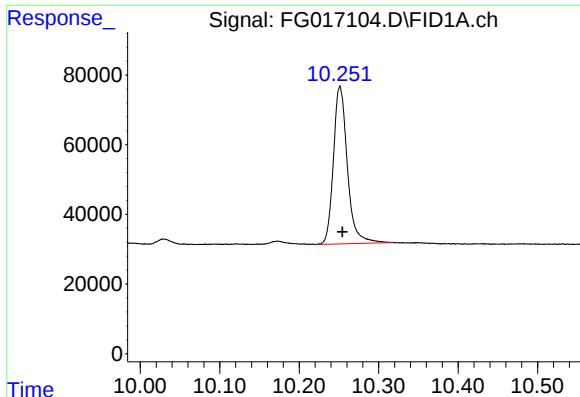
#4 n-Dodecane (C12)

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 566694
Conc: 4.46 ug/ml



#6 n-Tetradecane (C14)

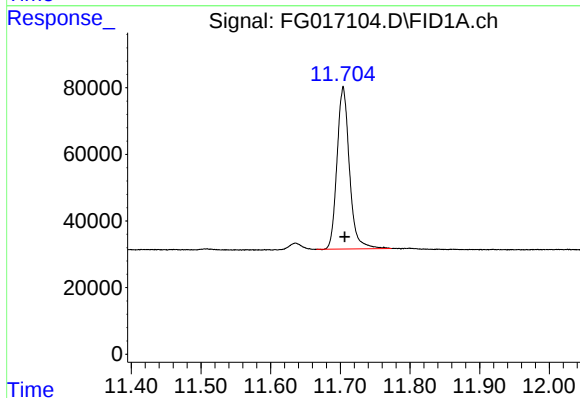
R.T.: 8.634 min
Delta R.T.: -0.003 min
Response: 574804
Conc: 4.60 ug/ml



#7 n-Hexadecane (C16)

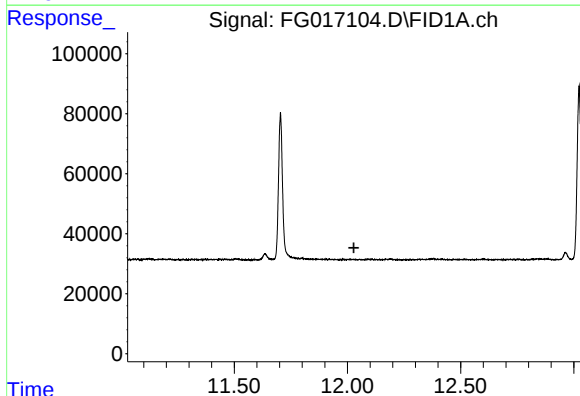
R.T.: 10.251 min
Delta R.T.: -0.003 min
Response: 551903
Conc: 4.29 ug/ml

Instrument :
FID_G
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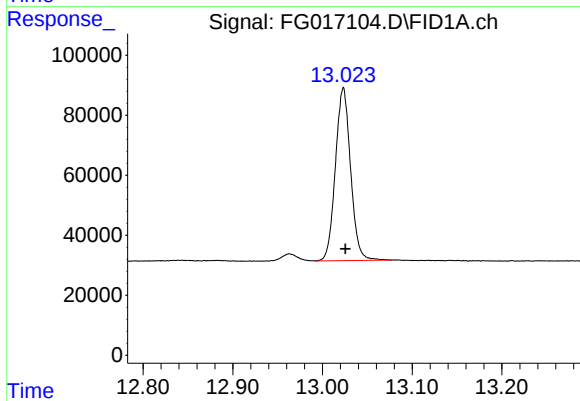
#8 n-Octadecane (C18)

R.T.: 11.704 min
Delta R.T.: -0.002 min
Response: 603117
Conc: 4.44 ug/ml



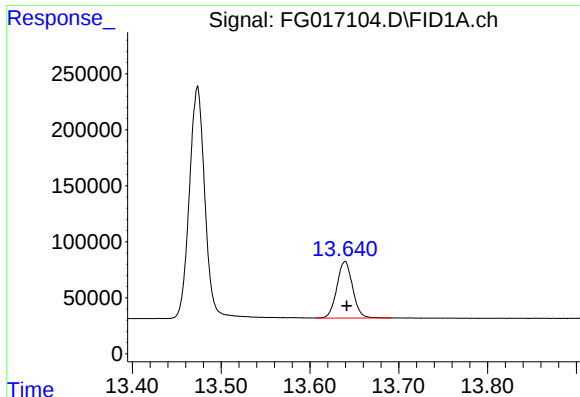
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.028 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

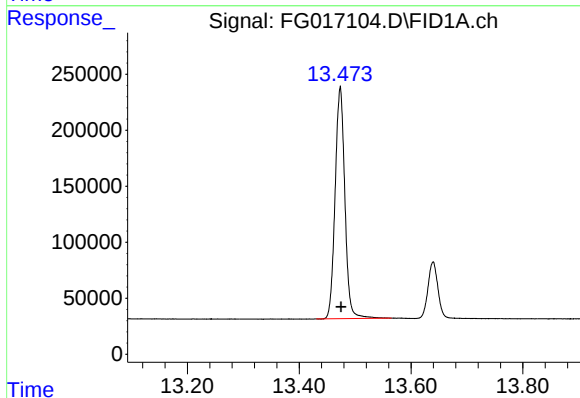
R.T.: 13.023 min
Delta R.T.: -0.002 min
Response: 676346
Conc: 4.94 ug/ml



#11 n-Heneicosane (C21)

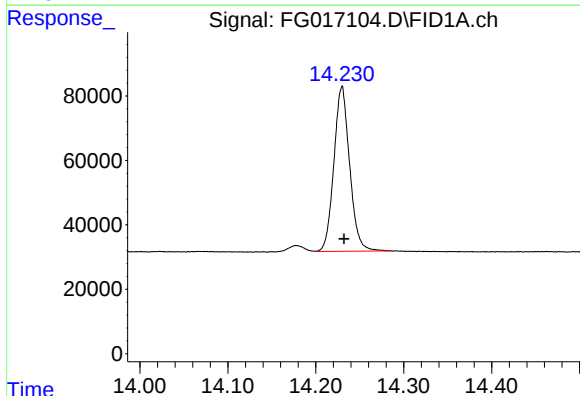
R.T.: 13.640 min
Delta R.T.: -0.002 min
Response: 619820
Conc: 4.57 ug/ml

Instrument :
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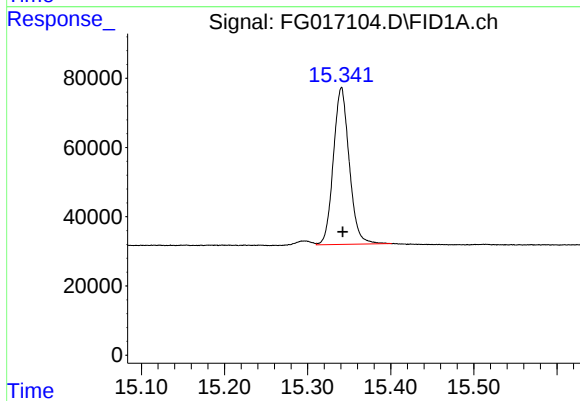
#12 1-chlorooctadecane (SURR)

R.T.: 13.474 min
Delta R.T.: -0.001 min
Response: 2502138
Conc: 21.57 ug/ml



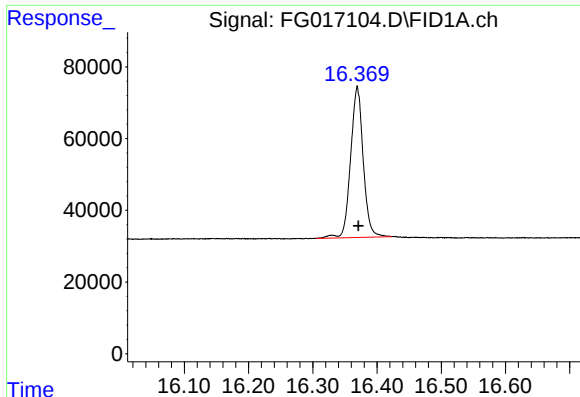
#13 n-Docosane (C22)

R.T.: 14.230 min
Delta R.T.: -0.002 min
Response: 636228
Conc: 4.63 ug/ml



#14 n-Tetracosane (C24)

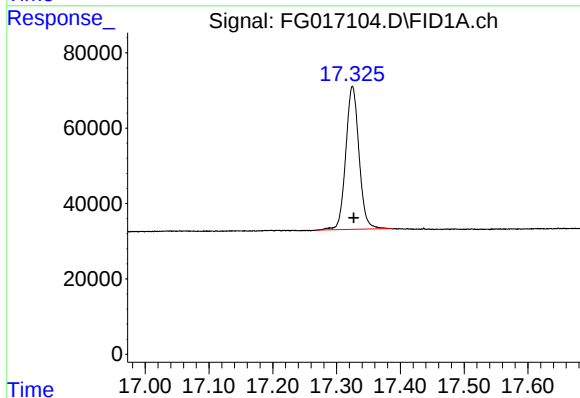
R.T.: 15.341 min
Delta R.T.: -0.002 min
Response: 601381
Conc: 4.25 ug/ml



#15 n-Hexacosane (C26)

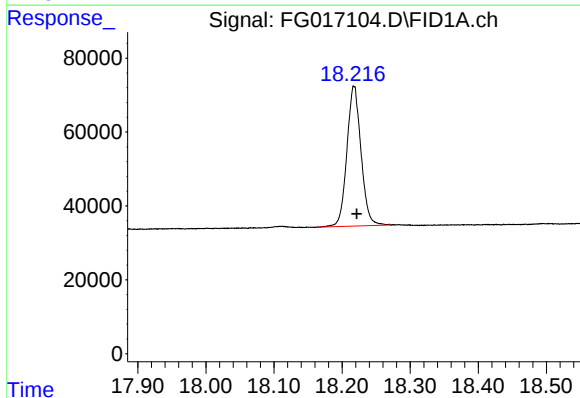
R.T.: 16.369 min
Delta R.T.: -0.002 min
Response: 573486
Conc: 4.13 ug/ml

Instrument :
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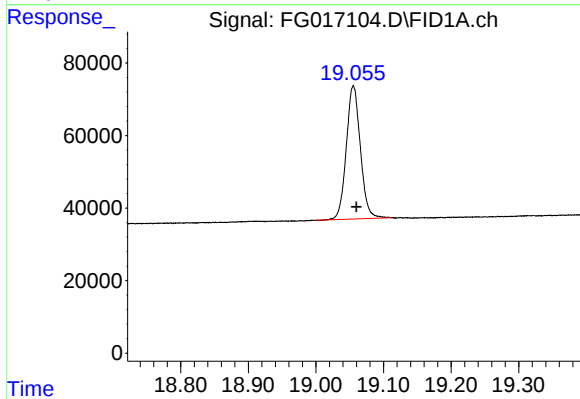
#16 n-Octacosane (C28)

R.T.: 17.325 min
Delta R.T.: -0.002 min
Response: 549007
Conc: 3.92 ug/ml



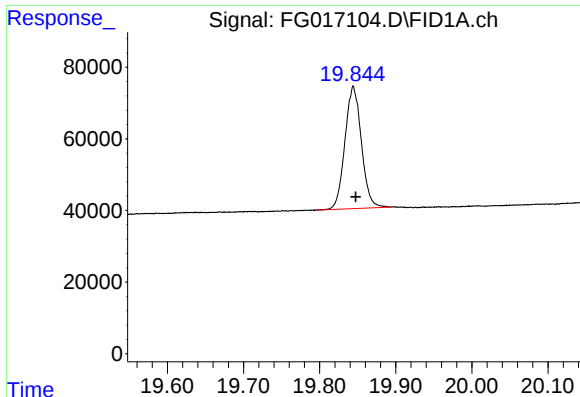
#17 n-Tricontane (C30)

R.T.: 18.218 min
Delta R.T.: -0.004 min
Response: 546726
Conc: 3.68 ug/ml



#18 n-Dotriacontane (C32)

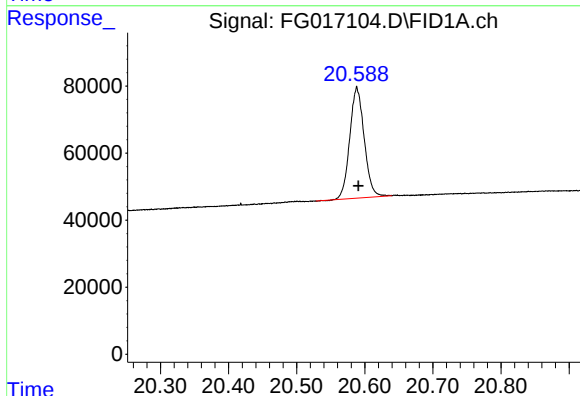
R.T.: 19.055 min
Delta R.T.: -0.005 min
Response: 531158
Conc: 3.55 ug/ml



#19 n-Tetratriacontane (C34)

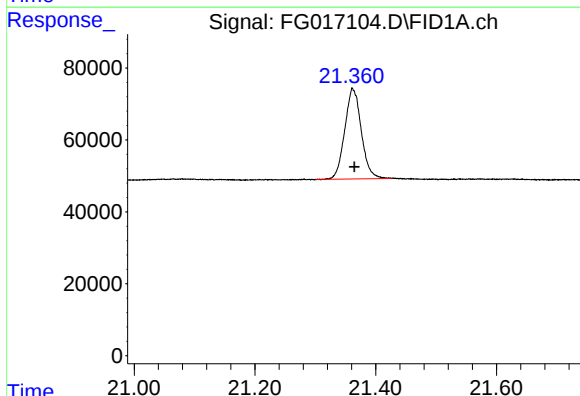
R.T.: 19.844 min
Delta R.T.: -0.003 min
Response: 511425
Conc: 3.90 ug/ml

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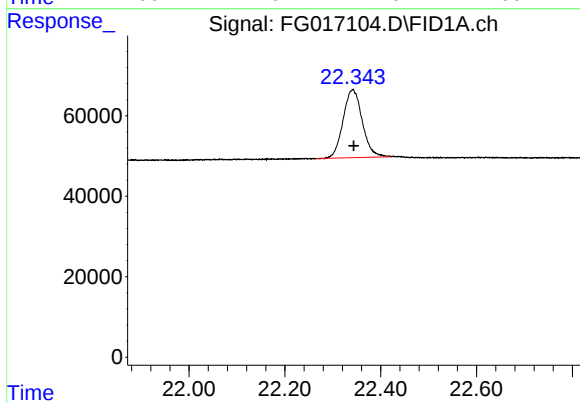
#20 n-Hexatriacontane (C36)

R.T.: 20.588 min
Delta R.T.: -0.003 min
Response: 485988
Conc: 4.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.362 min
Delta R.T.: -0.003 min
Response: 480468
Conc: 5.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.342 min
Delta R.T.: -0.002 min
Response: 473493
Conc: 5.81 ug/ml