

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013811.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 19:56
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Integration File: autoint1.e
 Quant Time: May 11 05:15:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 16:04:15 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			
12) S 1-chlorooctadecane (S...	13.407	5453562	46.216 ug/ml
Spiked Amount 50.000		Recovery =	92.43%
Target Compounds			
1) T n-Nonane (C9)	3.326	298744	2.246 ug/ml
2) T n-Decane (C10)	4.579	374329	2.754 ug/ml
4) T n-Dodecane (C12)	6.749	522244	3.806 ug/ml
6) T n-Tetradecane (C14)	8.581	479296	3.502 ug/ml
7) T n-Hexadecane (C16)	10.195	483211	3.383 ug/ml
8) T n-Octadecane (C18)	11.642	538863	3.699 ug/ml
10) T n-Eicosane (C20)	12.957	545013	3.866 ug/ml
11) T n-Heneicosane (C21)	13.571	524045	3.773 ug/ml
13) T n-Docosane (C22)	14.160	553401	4.002 ug/ml
14) T n-Tetracosane (C24)	15.266	564351	4.090 ug/ml
15) T n-Hexacosane (C26)	16.290	545776	4.039 ug/ml
16) T n-Octacosane (C28)	17.243	522654	3.983 ug/ml
17) T n-Tricontane (C30)	18.133	522285	3.956 ug/ml
18) T n-Dotriacontane (C32)	18.969	543708	4.150 ug/ml
19) T n-Tetratriacontane (C34)	19.755	495575	4.064 ug/ml
20) T n-Hexatriacontane (C36)	20.496	427702	3.708 ug/ml
21) T n-Octatriacontane (C38)	21.249	403396	3.735 ug/ml
22) T n-Tetracontane (C40)	22.192	411078	3.952 ug/ml

(f)=RT Delta > 1/2 Window

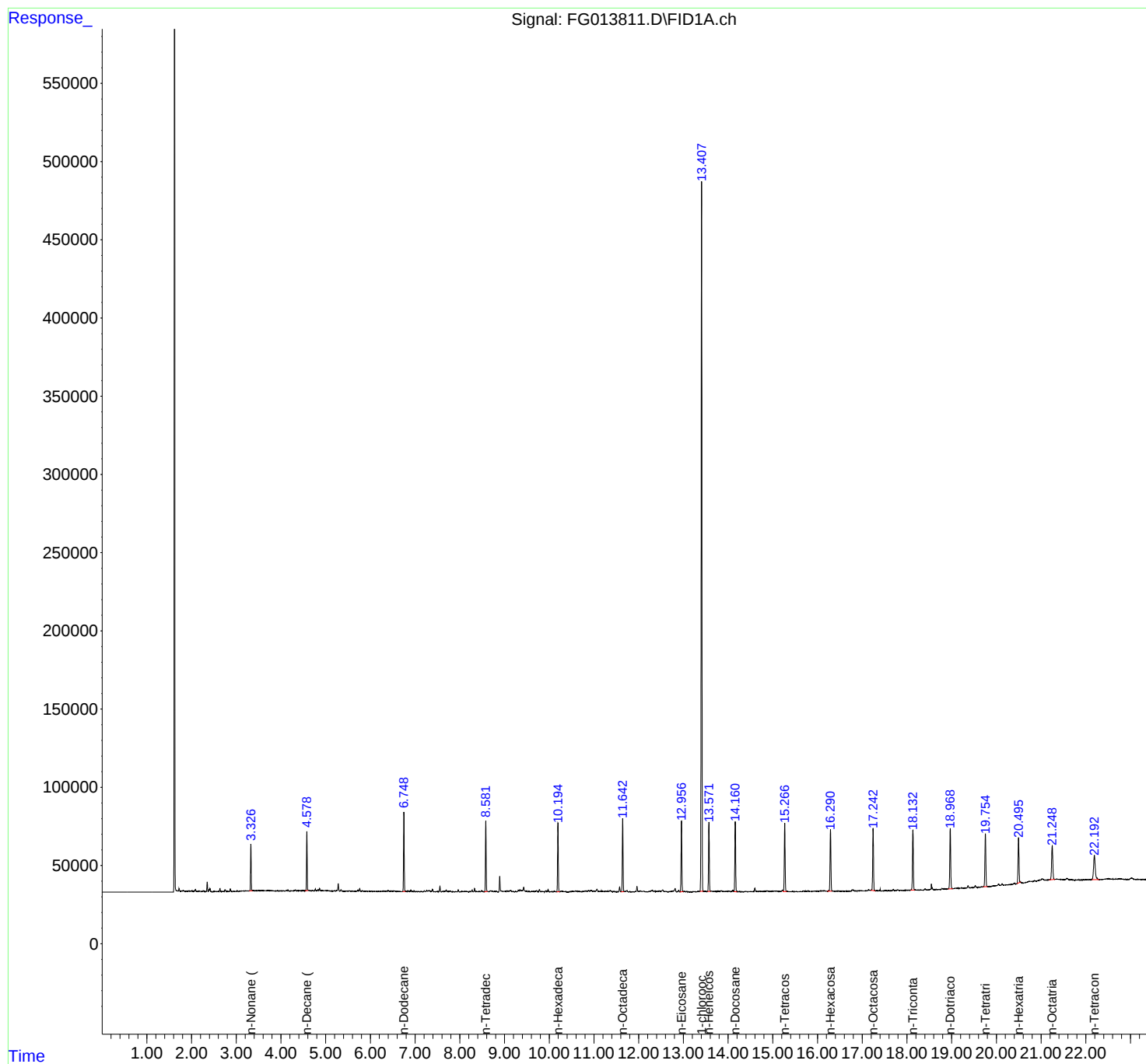
(m)=manual int.

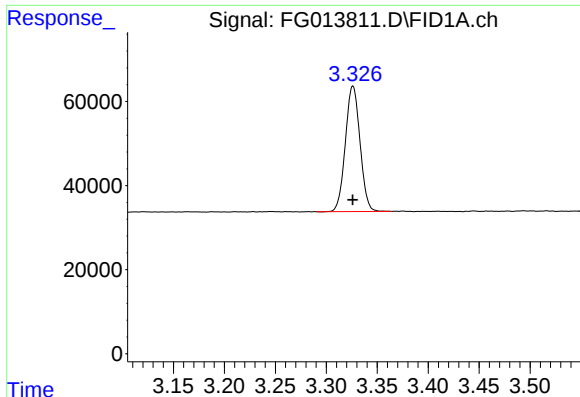
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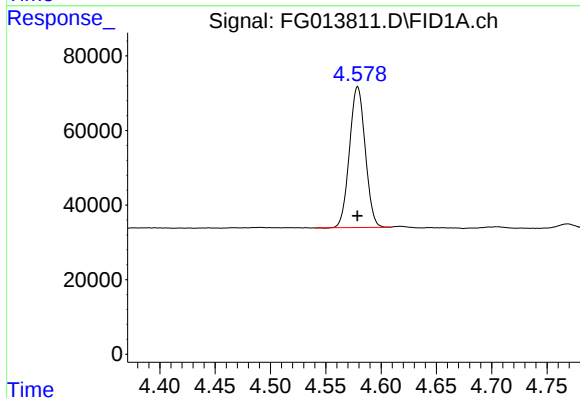




#1 n-Nonane (C9)

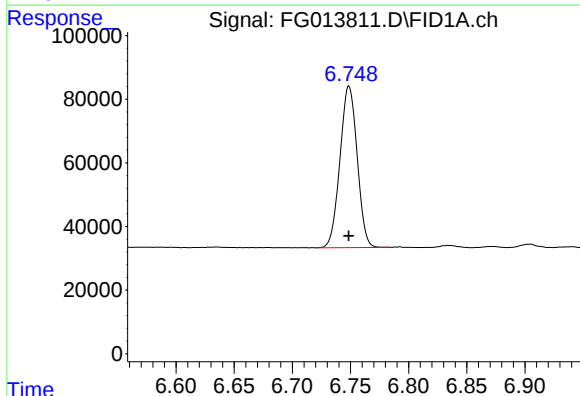
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 298744
Conc: 2.25 ug/ml

Instrument :
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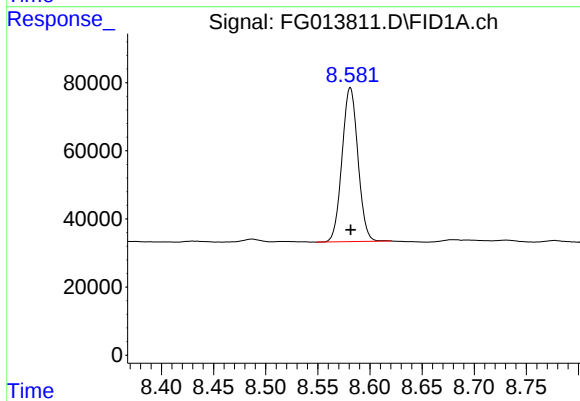
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 374329
Conc: 2.75 ug/ml



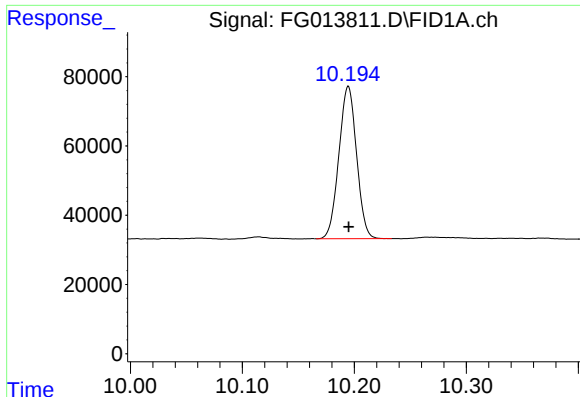
#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 522244
Conc: 3.81 ug/ml



#6 n-Tetradecane (C14)

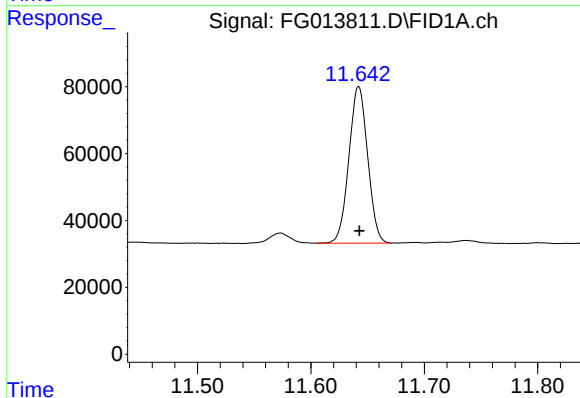
R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 479296
Conc: 3.50 ug/ml



#7 n-Hexadecane (C16)

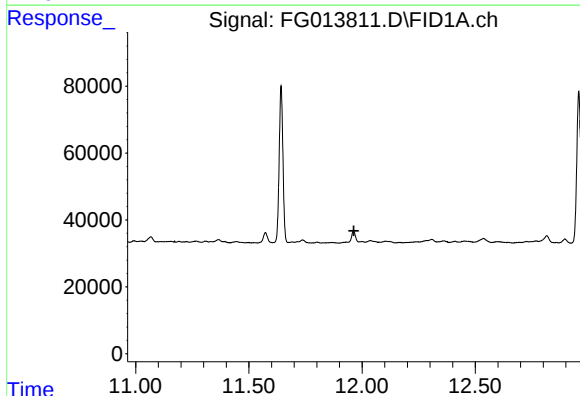
R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 483211
Conc: 3.38 ug/ml

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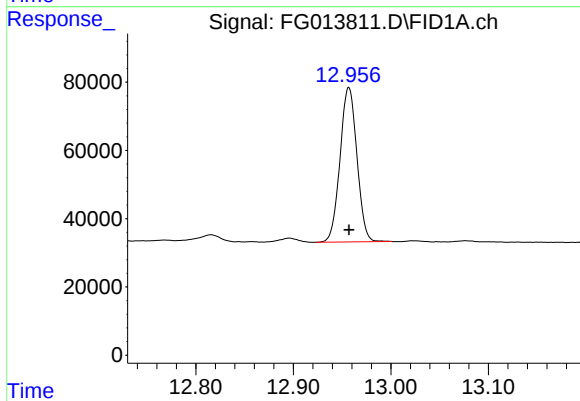
#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: 0.000 min
Response: 538863
Conc: 3.70 ug/ml



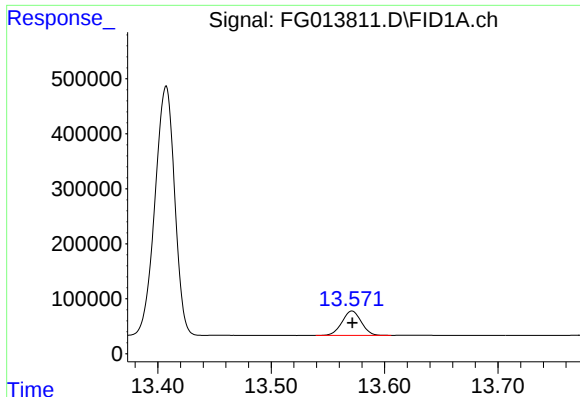
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.963 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

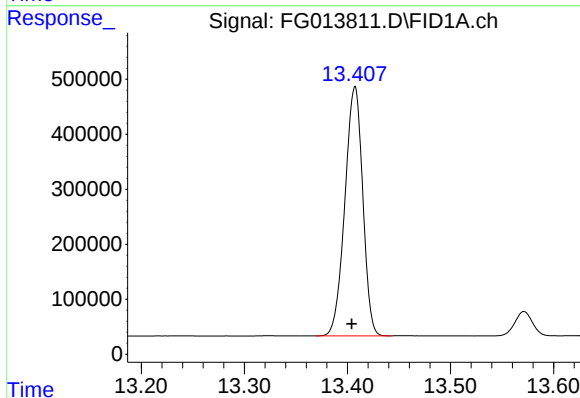
R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 545013
Conc: 3.87 ug/ml



#11 n-Heneicosane (C21)

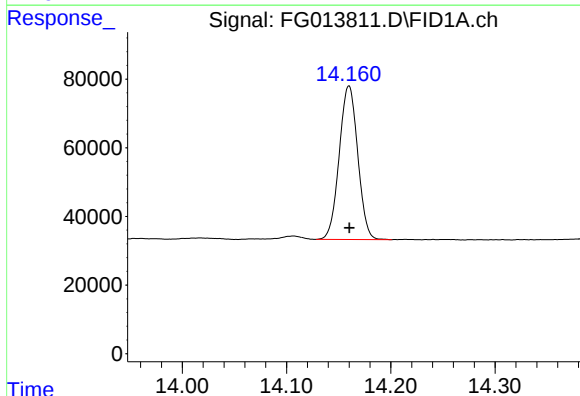
R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 524045
Conc: 3.77 ug/ml

Instrument :
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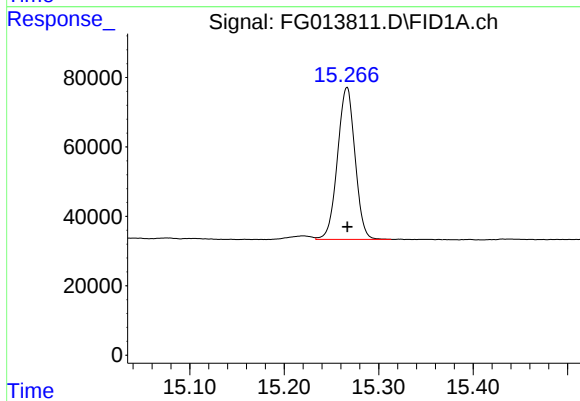
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.003 min
Response: 5453562
Conc: 46.22 ug/ml



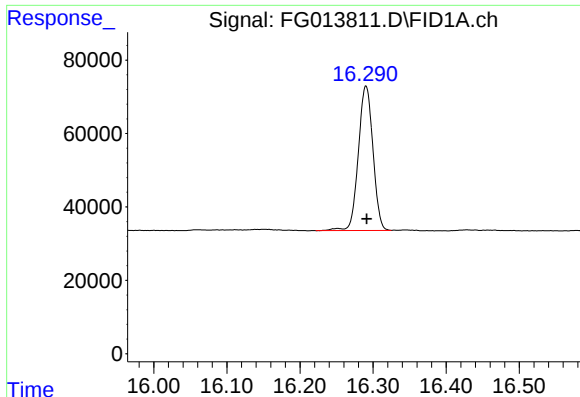
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: 0.000 min
Response: 553401
Conc: 4.00 ug/ml



#14 n-Tetracosane (C24)

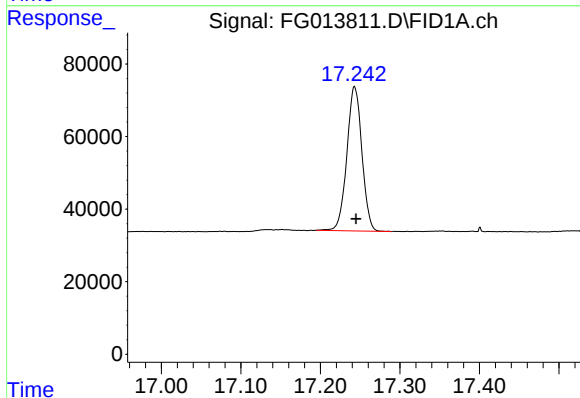
R.T.: 15.266 min
Delta R.T.: 0.000 min
Response: 564351
Conc: 4.09 ug/ml



#15 n-Hexacosane (C26)

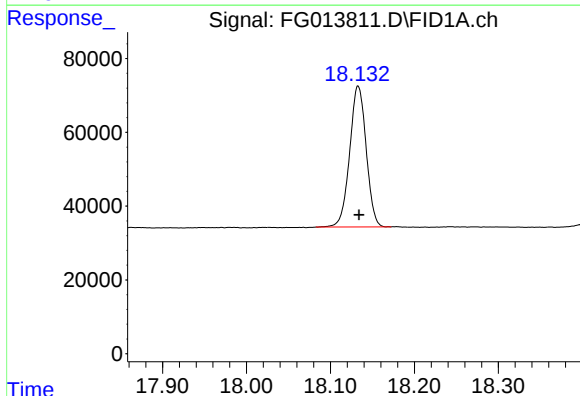
R.T.: 16.290 min
Delta R.T.: 0.000 min
Response: 545776
Conc: 4.04 ug/ml

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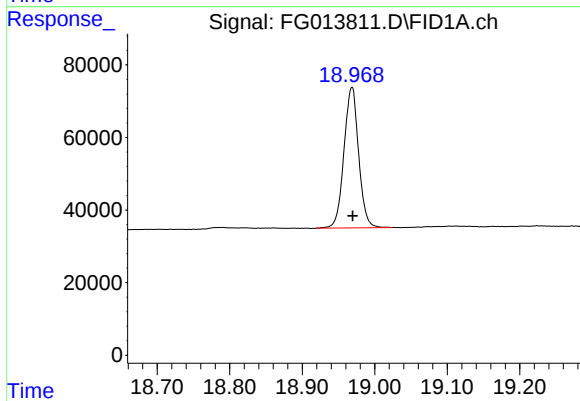
#16 n-Octacosane (C28)

R.T.: 17.243 min
Delta R.T.: -0.002 min
Response: 522654
Conc: 3.98 ug/ml



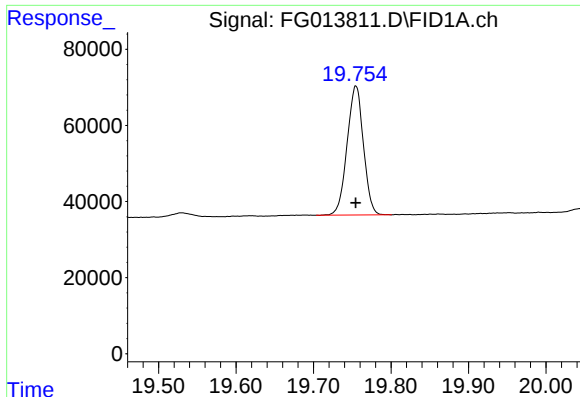
#17 n-Tricontane (C30)

R.T.: 18.133 min
Delta R.T.: -0.001 min
Response: 522285
Conc: 3.96 ug/ml



#18 n-Dotriacontane (C32)

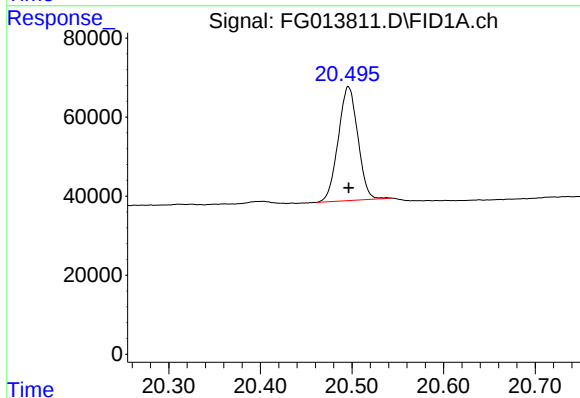
R.T.: 18.969 min
Delta R.T.: 0.000 min
Response: 543708
Conc: 4.15 ug/ml



#19 n-Tetratriacontane (C34)

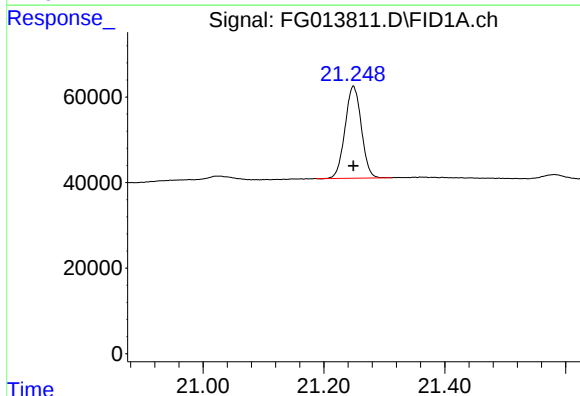
R.T.: 19.755 min
Delta R.T.: 0.000 min
Response: 495575
Conc: 4.06 ug/ml

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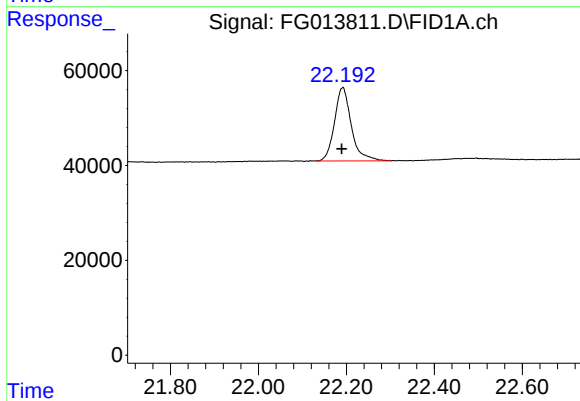
#20 n-Hexatriacontane (C36)

R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 427702
Conc: 3.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: 0.000 min
Response: 403396
Conc: 3.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.192 min
Delta R.T.: 0.002 min
Response: 411078
Conc: 3.95 ug/ml