

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021324AL\
 Data File : FG013507.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 15:29
 Operator : YP\AJ
 Sample : P1187-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 01:33:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:40:01 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...	13.413	4626709	42.408 ug/ml
Spiked Amount 50.000		Recovery =	84.82%
Target Compounds			
1) T n-Nonane (C9)	3.324	483345	3.738 ug/ml
2) T n-Decane (C10)	4.578	607768	4.596 ug/ml
4) T n-Dodecane (C12)	6.749	692458	5.169 ug/ml
6) T n-Tetradecane (C14)	8.583	676893	5.083 ug/mlm
7) T n-Hexadecane (C16)	10.198	706950	5.144 ug/ml
8) T n-Octadecane (C18)	11.647	762874	5.511 ug/ml
10) T n-Eicosane (C20)	12.964	792467	5.994 ug/ml
11) T n-Heneicosane (C21)	13.578	769379	5.937 ug/ml
13) T n-Docosane (C22)	14.166	778119	6.063 ug/ml
14) T n-Tetracosane (C24)	15.274	808707	6.419 ug/mlm
15) T n-Hexacosane (C26)	16.300	749200	6.138 ug/ml
16) T n-Octacosane (C28)	17.253	753018	6.406 ug/ml
17) T n-Tricontane (C30)	18.145	784163	6.684 ug/ml
18) T n-Dotriacontane (C32)	18.981	777453	6.870 ug/ml
19) T n-Tetratriacontane (C34)	19.768	730890	6.727 ug/ml
20) T n-Hexatriacontane (C36)	20.510	675466	6.496 ug/ml
21) T n-Octatriacontane (C38)	21.268	651561	6.299 ug/ml
22) T n-Tetracontane (C40)	22.212	623277	6.103 ug/ml

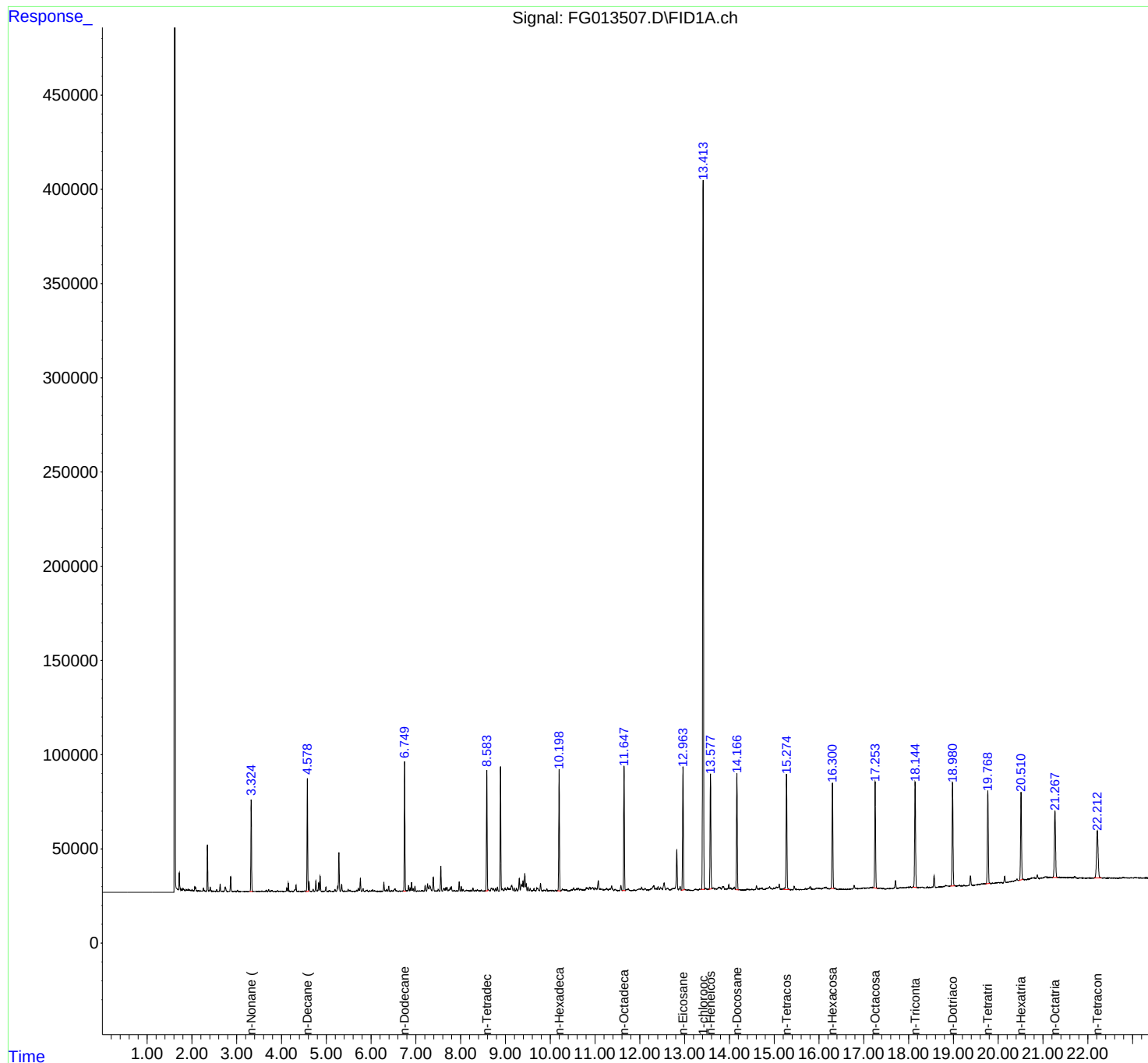
(f)=RT Delta > 1/2 Window

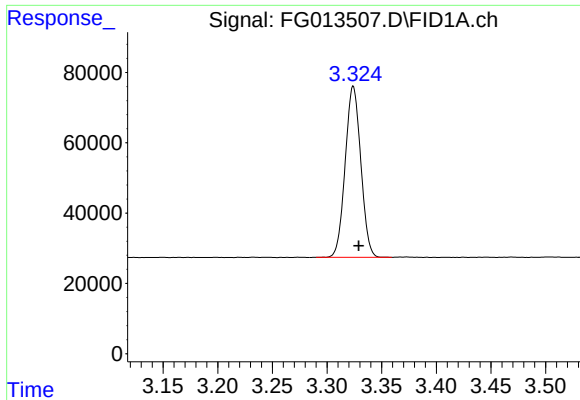
(m)=manual int.

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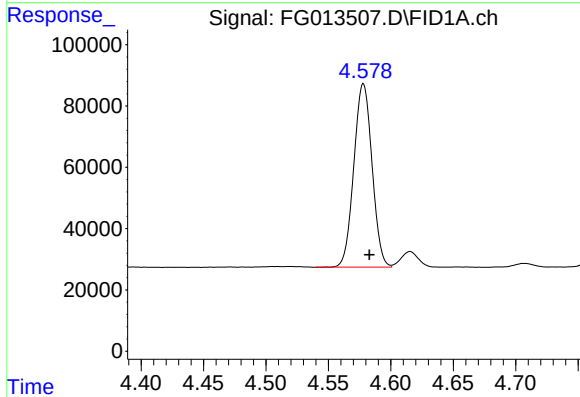
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Signal Info : 20M x 0.18mm x 0.18um





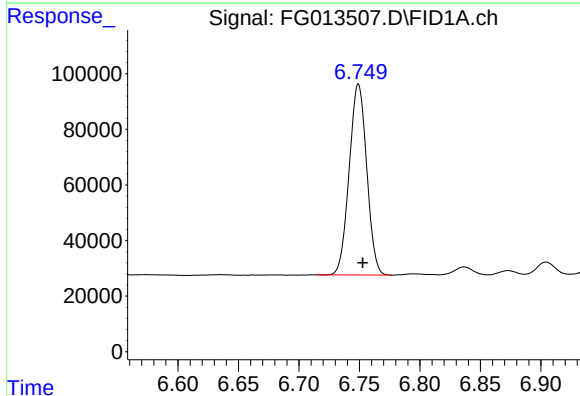
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.005 min
Response: 483345
Conc: 3.74 ug/ml



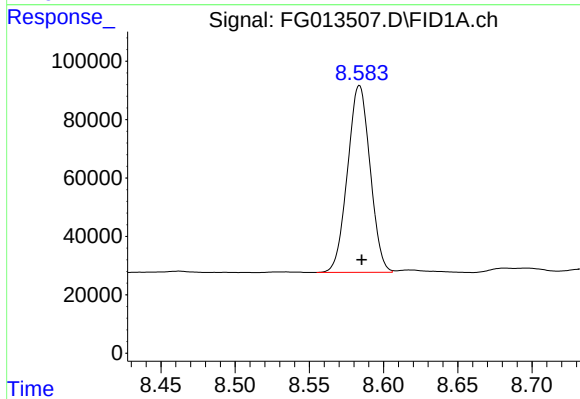
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.005 min
Response: 607768
Conc: 4.60 ug/ml



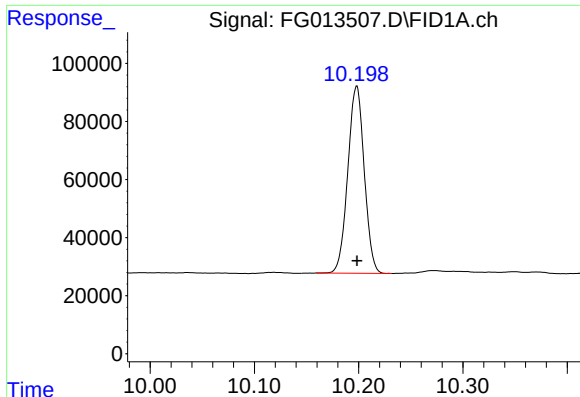
#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 692458
Conc: 5.17 ug/ml



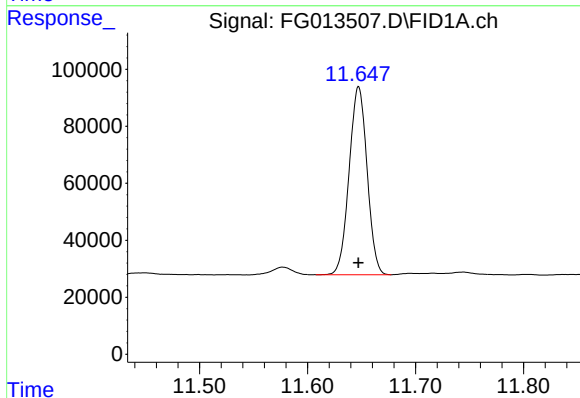
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.002 min
Response: 676893
Conc: 5.08 ug/ml m



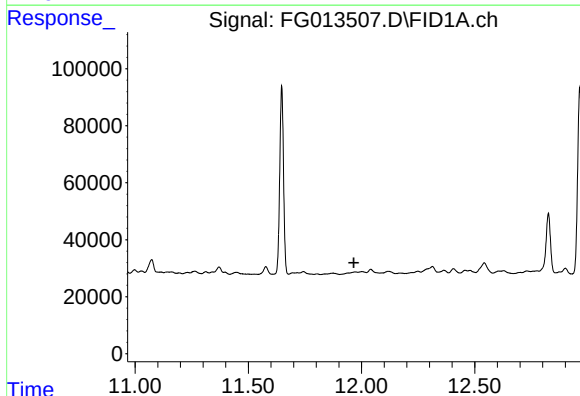
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: 0.000 min
Response: 706950
Conc: 5.14 ug/ml



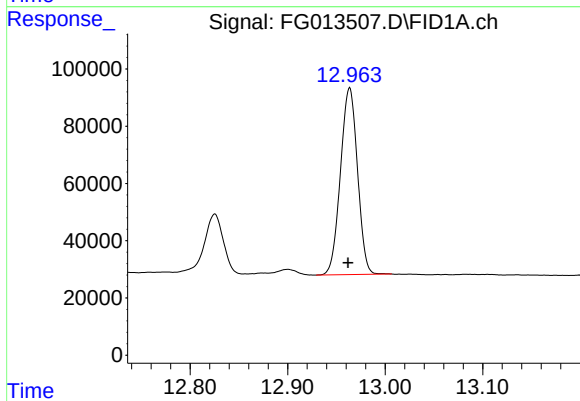
#8 n-Octadecane (C18)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 762874
Conc: 5.51 ug/ml



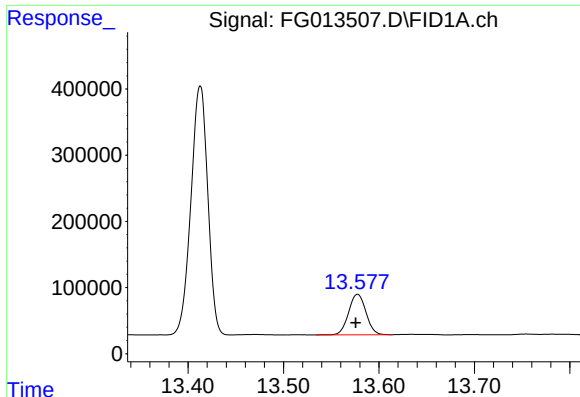
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.966 min
Response: 0
Conc: N.D.



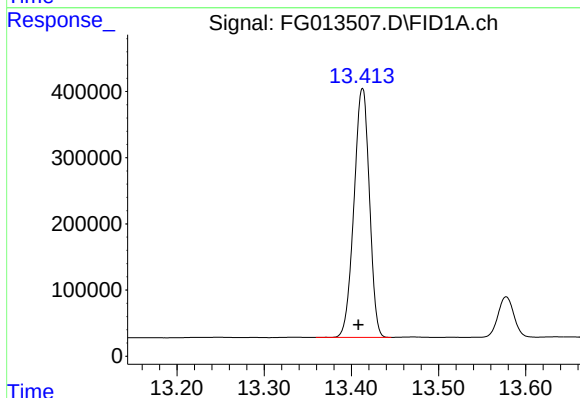
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.002 min
Response: 792467
Conc: 5.99 ug/ml



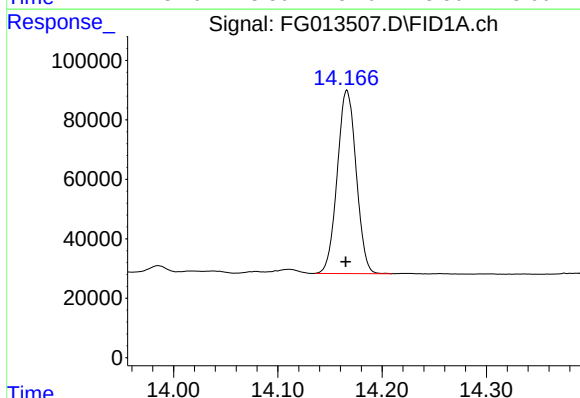
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.002 min
Response: 769379
Conc: 5.94 ug/ml



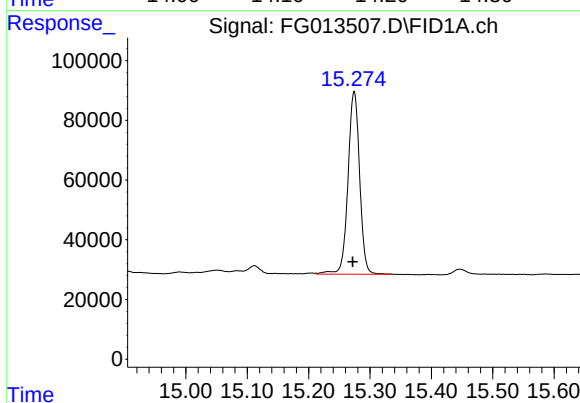
#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: 0.005 min
Response: 4626709
Conc: 42.41 ug/ml



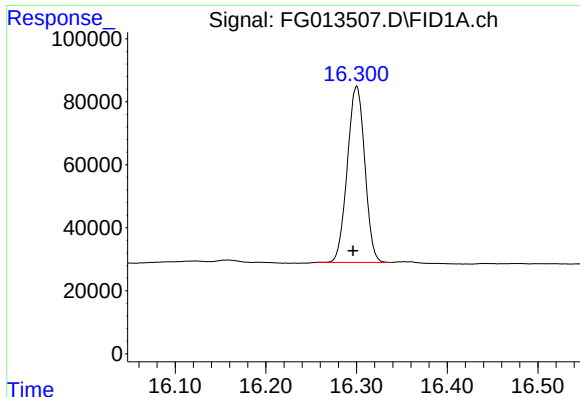
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 778119
Conc: 6.06 ug/ml



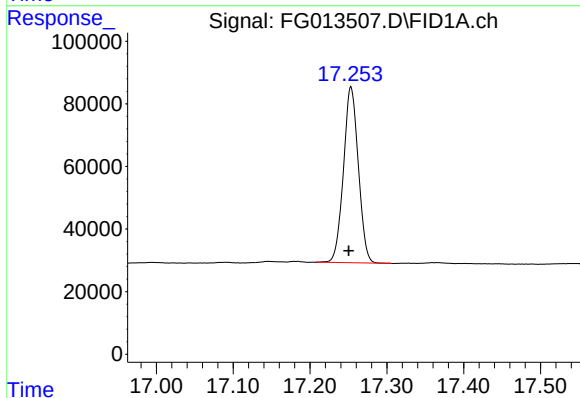
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.002 min
Response: 808707
Conc: 6.42 ug/ml m



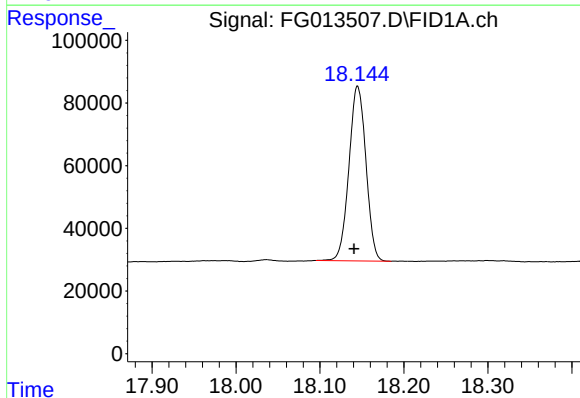
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.004 min
Response: 749200
Conc: 6.14 ug/ml



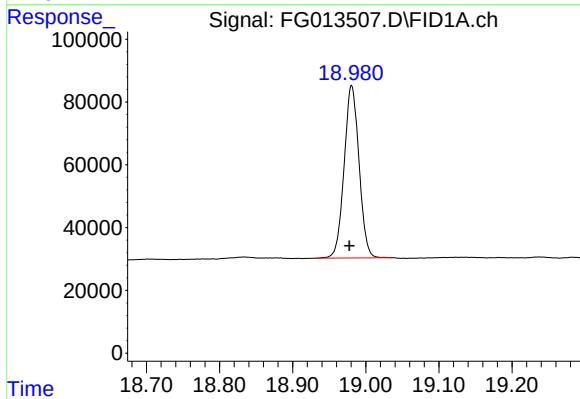
#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: 0.003 min
Response: 753018
Conc: 6.41 ug/ml



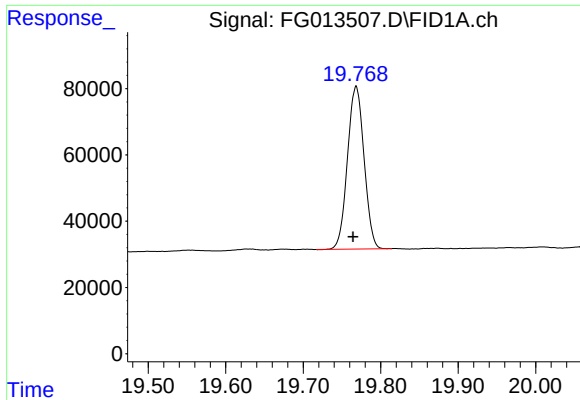
#17 n-Tricontane (C30)

R.T.: 18.145 min
Delta R.T.: 0.004 min
Response: 784163
Conc: 6.68 ug/ml



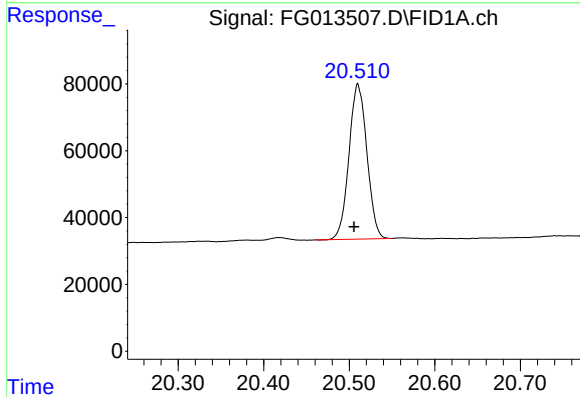
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: 0.003 min
Response: 777453
Conc: 6.87 ug/ml



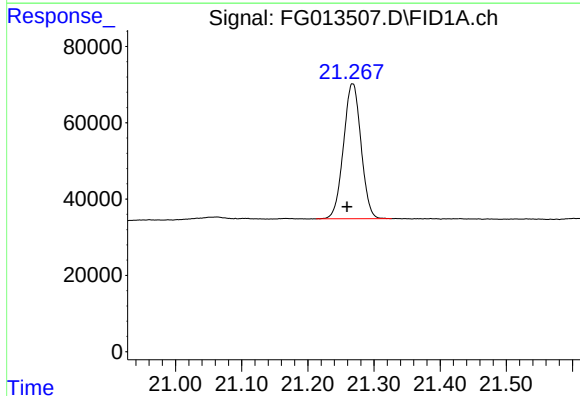
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.004 min
Response: 730890
Conc: 6.73 ug/ml



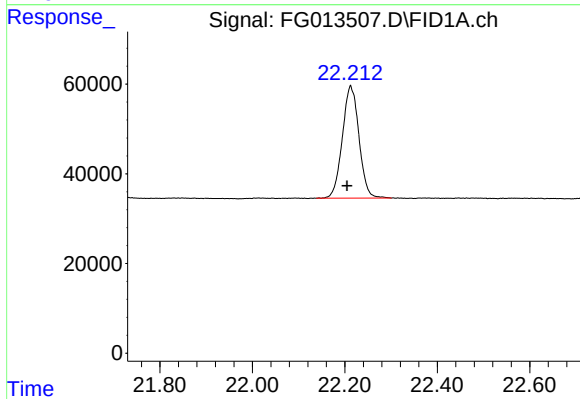
#20 n-Hexatriacontane (C36)

R.T.: 20.510 min
Delta R.T.: 0.004 min
Response: 675466
Conc: 6.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.268 min
Delta R.T.: 0.008 min
Response: 651561
Conc: 6.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.212 min
Delta R.T.: 0.008 min
Response: 623277
Conc: 6.10 ug/ml