

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021324AL\
 Data File : FG013504.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 13:15
 Operator : YP\AJ
 Sample : P1187-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 01:32:38 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			
9) S ortho-Terphenyl (SURR)	11.964	790996	5.499 ug/ml
Spiked Amount 50.000		Recovery =	11.00%
12) S 1-chlorooctadecane (S...	13.410	4635035	42.484 ug/ml
Spiked Amount 50.000		Recovery =	84.97%
Target Compounds			
1) T n-Nonane (C9)	3.330	220485	1.705 ug/ml
2) T n-Decane (C10)	4.582	278300	2.105 ug/ml
4) T n-Dodecane (C12)	6.750	440692	3.290 ug/ml
6) T n-Tetradecane (C14)	8.583	350533	2.632 ug/ml
7) T n-Hexadecane (C16)	10.196	368528	2.682 ug/ml
8) T n-Octadecane (C18)	11.645	414346	2.993 ug/ml
10) T n-Eicosane (C20)	12.960	432498	3.271 ug/ml
11) T n-Heneicosane (C21)	13.575	408707	3.154 ug/ml
13) T n-Docosane (C22)	14.164	431925	3.366 ug/ml
14) T n-Tetracosane (C24)	15.270	462946	3.675 ug/ml
15) T n-Hexacosane (C26)	16.297	447689	3.668 ug/ml
16) T n-Octacosane (C28)	17.251	458991	3.905 ug/ml
17) T n-Tricontane (C30)	18.142	485132	4.135 ug/ml
18) T n-Dotriacontane (C32)	18.978	475272	4.199 ug/ml
19) T n-Tetratriacontane (C34)	19.764	428760	3.946 ug/ml
20) T n-Hexatriacontane (C36)	20.506	404321	3.889 ug/ml
21) T n-Octatriacontane (C38)	21.260	433516	4.191 ug/ml
22) T n-Tetracontane (C40)	22.205	467501	4.577 ug/ml

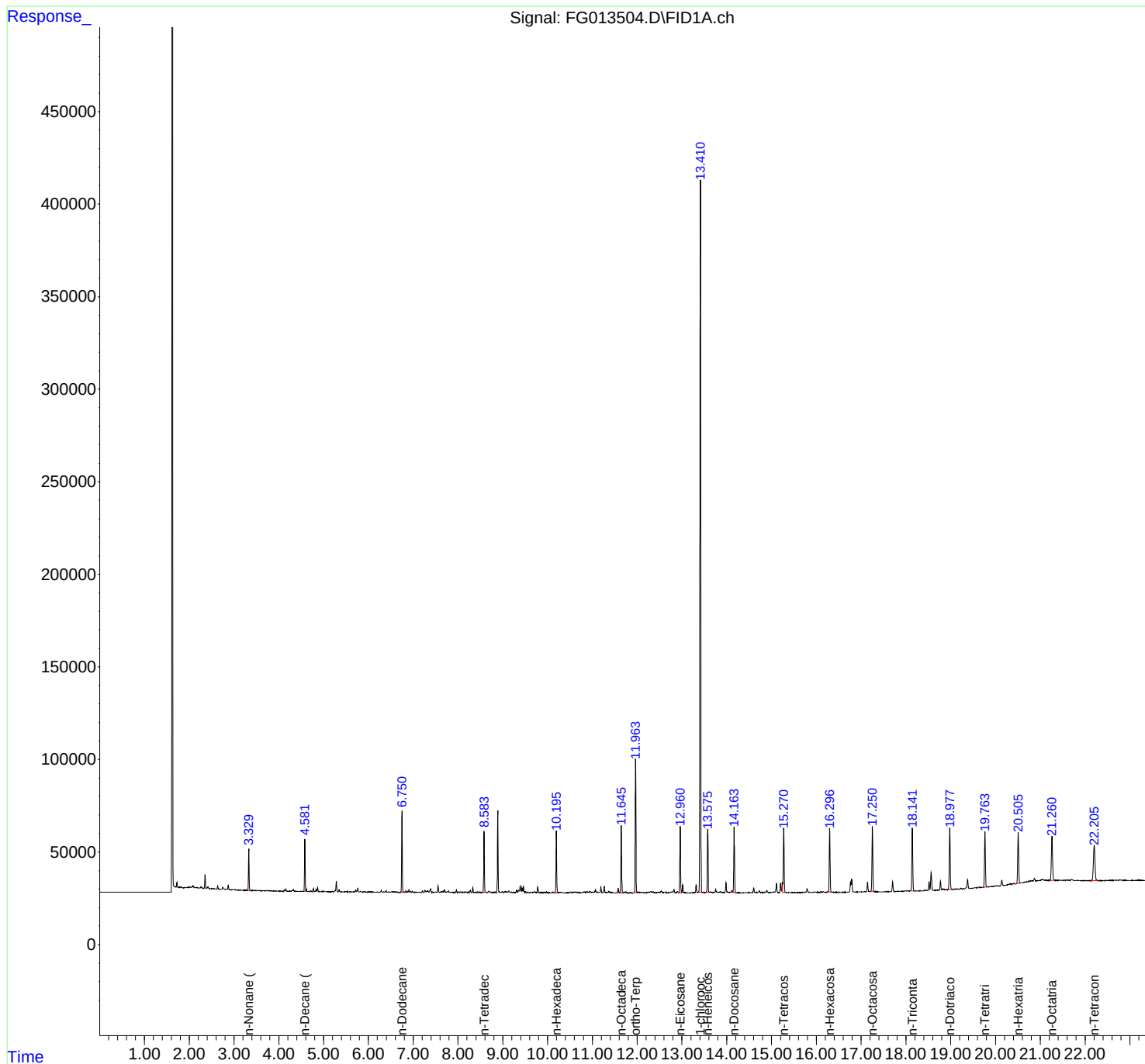
(f)=RT Delta > 1/2 Window

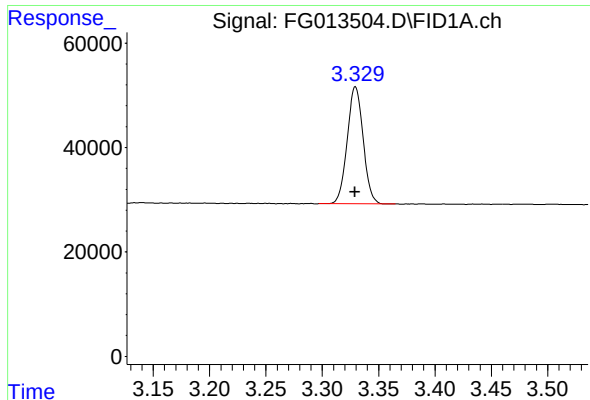
(m)=manual int.

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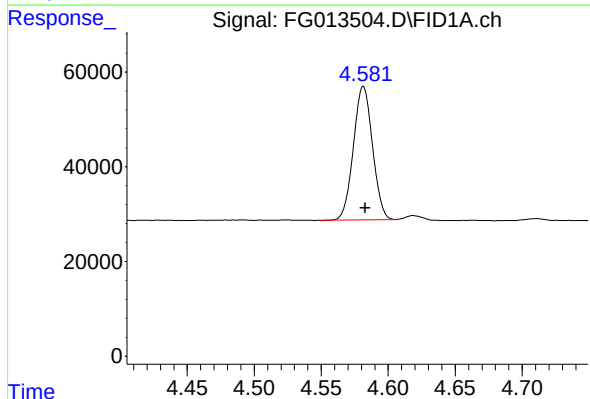
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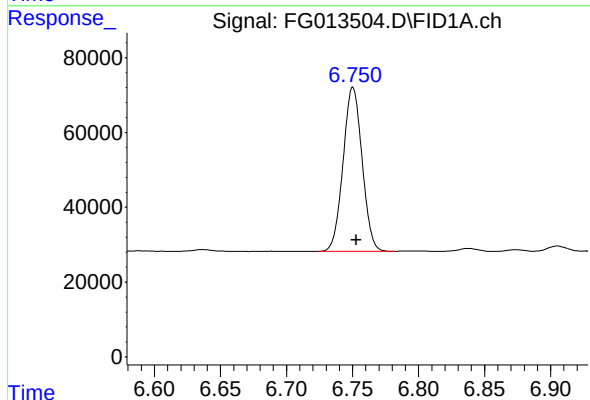
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 220485
Conc: 1.71 ug/ml



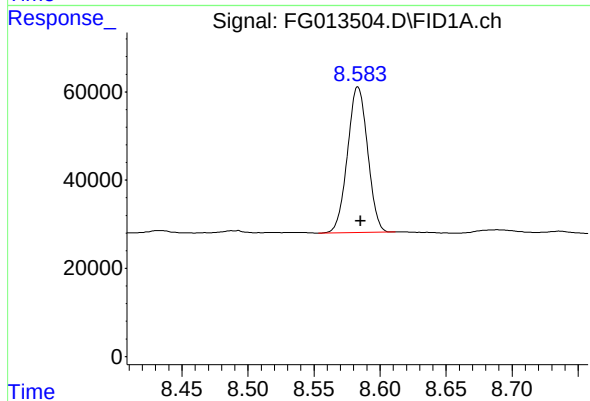
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 278300
Conc: 2.10 ug/ml



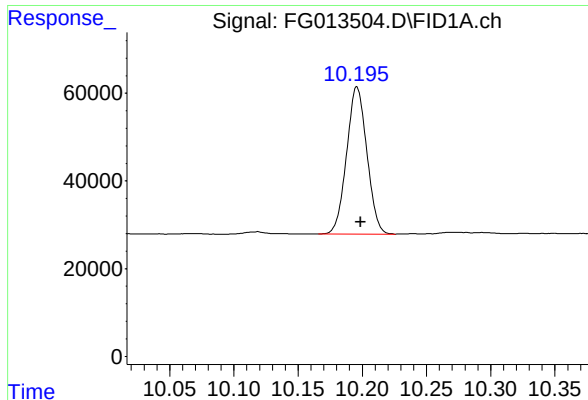
#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 440692
Conc: 3.29 ug/ml



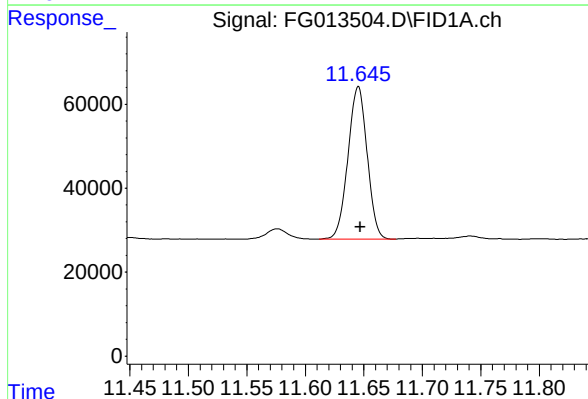
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.002 min
Response: 350533
Conc: 2.63 ug/ml



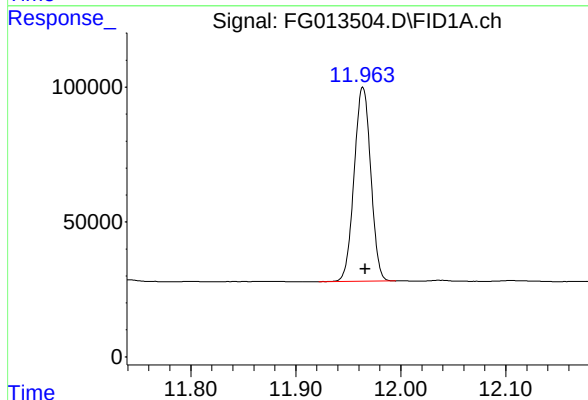
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.003 min
Response: 368528
Conc: 2.68 ug/ml



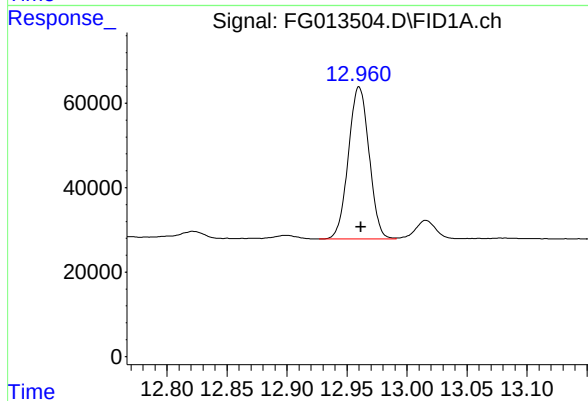
#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.002 min
Response: 414346
Conc: 2.99 ug/ml



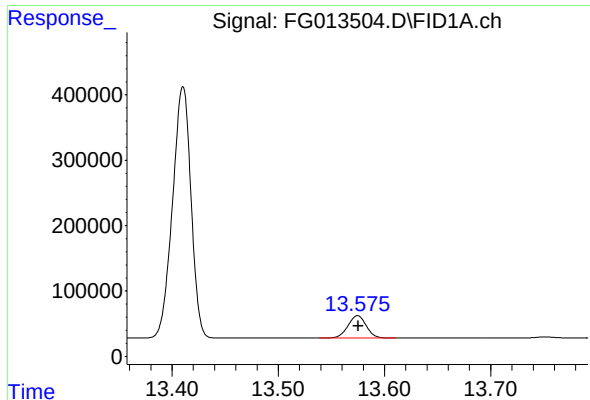
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.002 min
Response: 790996
Conc: 5.50 ug/ml



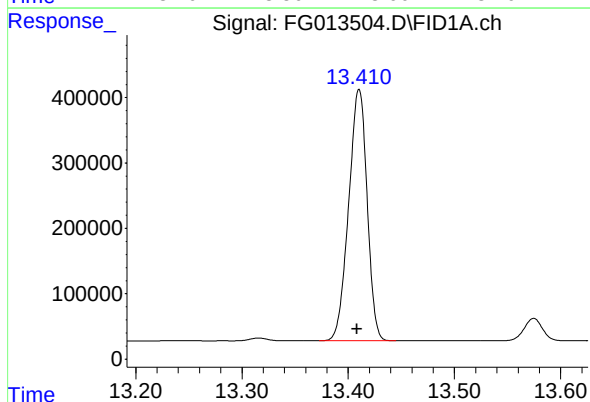
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.002 min
Response: 432498
Conc: 3.27 ug/ml



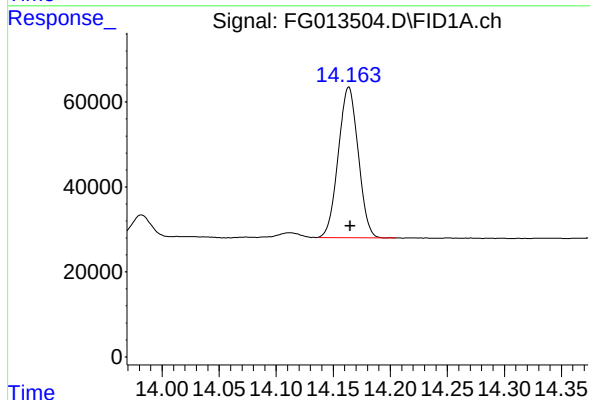
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 408707
Conc: 3.15 ug/ml



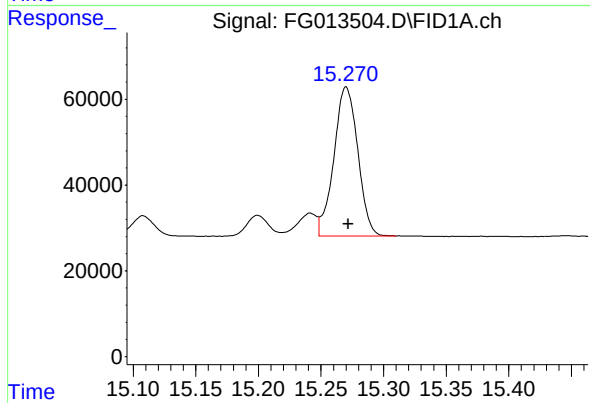
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.002 min
Response: 4635035
Conc: 42.48 ug/ml



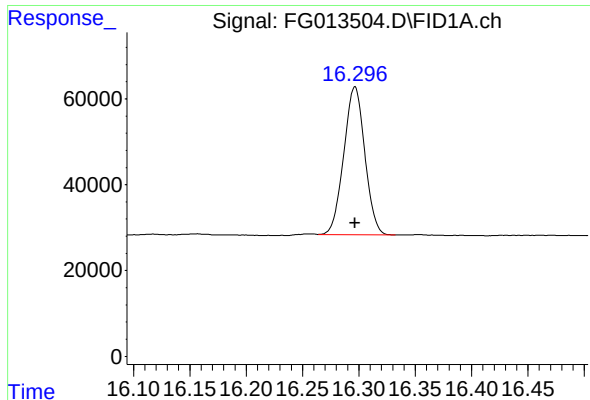
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: -0.001 min
Response: 431925
Conc: 3.37 ug/ml



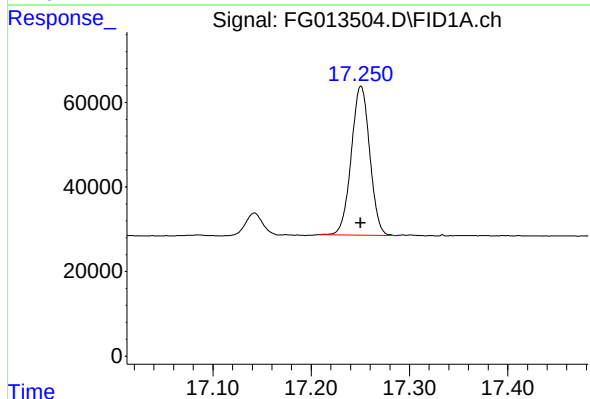
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: -0.002 min
Response: 462946
Conc: 3.67 ug/ml



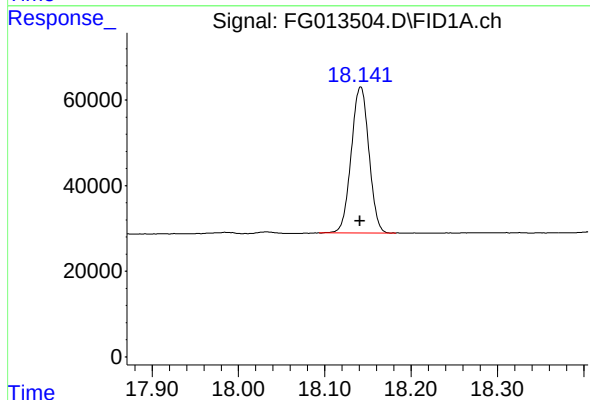
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.000 min
Response: 447689
Conc: 3.67 ug/ml



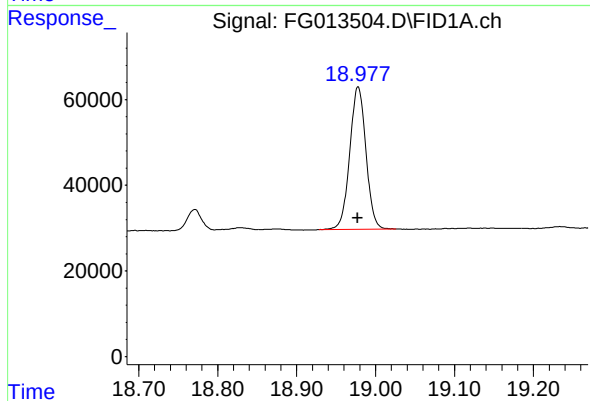
#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: 0.000 min
Response: 458991
Conc: 3.90 ug/ml



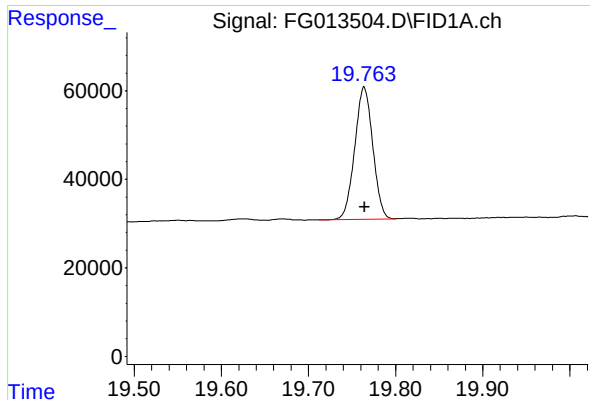
#17 n-Tricontane (C30)

R.T.: 18.142 min
Delta R.T.: 0.000 min
Response: 485132
Conc: 4.13 ug/ml



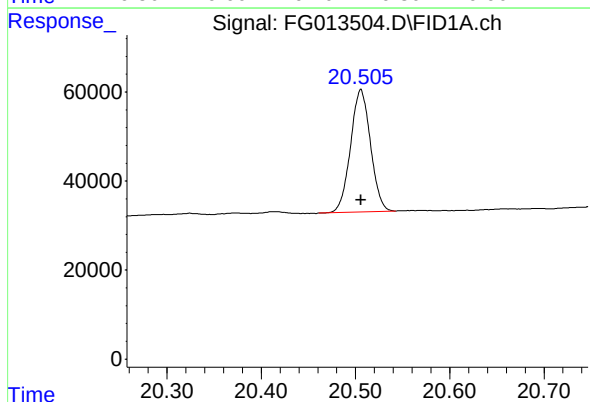
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: 0.000 min
Response: 475272
Conc: 4.20 ug/ml



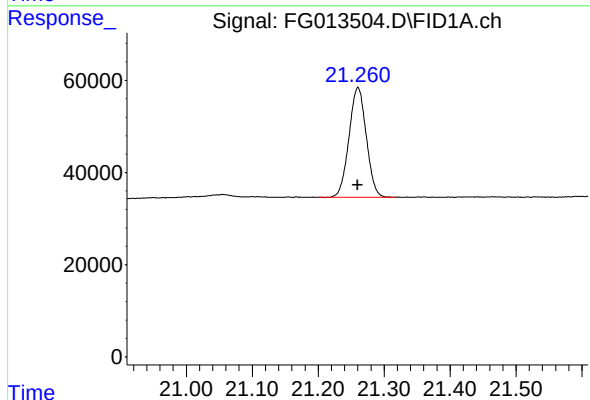
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 428760
Conc: 3.95 ug/ml



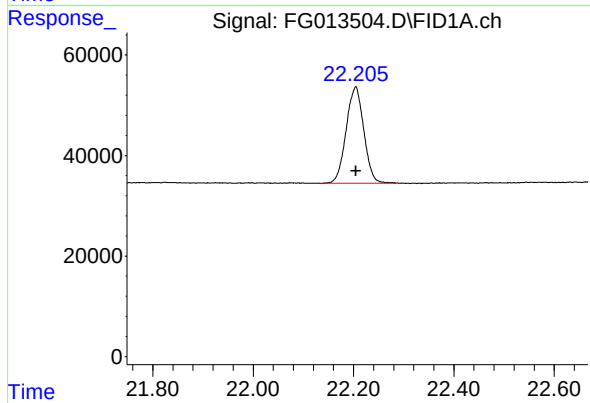
#20 n-Hexatriacontane (C36)

R.T.: 20.506 min
Delta R.T.: 0.000 min
Response: 404321
Conc: 3.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 433516
Conc: 4.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.205 min
Delta R.T.: 0.000 min
Response: 467501
Conc: 4.58 ug/ml