

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012225AL\
 Data File : FG015122.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jan 2025 16:31
 Operator : YP\AJ
 Sample : PB166168BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166168BS

Integration File: autoint1.e
 Quant Time: Jan 23 02:15:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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...	13.390	5676303	46.618 ug/ml
Spiked Amount 50.000		Recovery =	93.24%
Target Compounds			
1) T n-Nonane (C9)	3.283	2812330	21.661 ug/ml
2) T n-Decane (C10)	4.543	3758343	28.282 ug/ml
4) T n-Dodecane (C12)	6.724	4816779	35.433 ug/ml
6) T n-Tetradecane (C14)	8.562	5610679	40.798 ug/ml
7) T n-Hexadecane (C16)	10.178	6151957	42.458 ug/ml
8) T n-Octadecane (C18)	11.628	6711874	45.159 ug/ml
10) T n-Eicosane (C20)	12.944	6960636	48.494 ug/ml
11) T n-Heneicosane (C21)	13.559	6702167	47.401 ug/ml
13) T n-Docosane (C22)	14.148	6705044	47.689 ug/ml
14) T n-Tetracosane (C24)	15.255	6577424	47.257 ug/ml
15) T n-Hexacosane (C26)	16.281	6401481	47.261 ug/ml
16) T n-Octacosane (C28)	17.233	6187040	47.015 ug/ml
17) T n-Tricontane (C30)	18.123	6111298	46.068 ug/ml
18) T n-Dotriacontane (C32)	18.956	5931895	47.032 ug/ml
19) T n-Tetratriacontane (C34)	19.742	5725765	52.587 ug/ml
20) T n-Hexatriacontane (C36)	20.485	5488314	58.785 ug/ml
21) T n-Octatriacontane (C38)	21.236	5429255	61.869 ug/ml
22) T n-Tetracontane (C40)	22.177	5443753	64.223 ug/ml

(f)=RT Delta > 1/2 Window

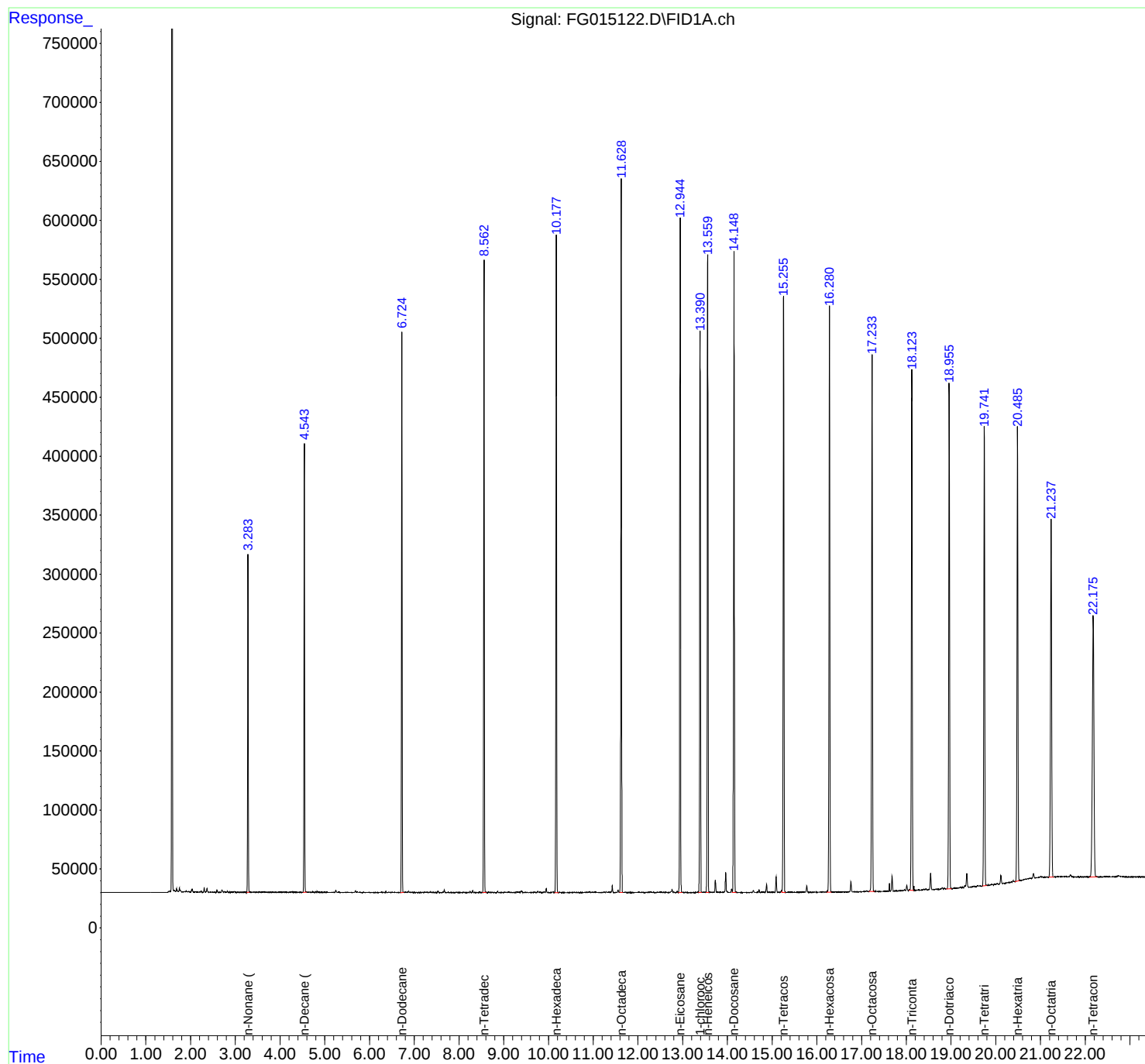
(m)=manual int.

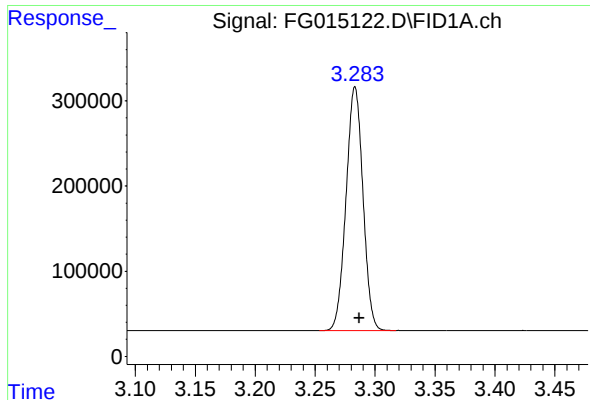
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012225AL\
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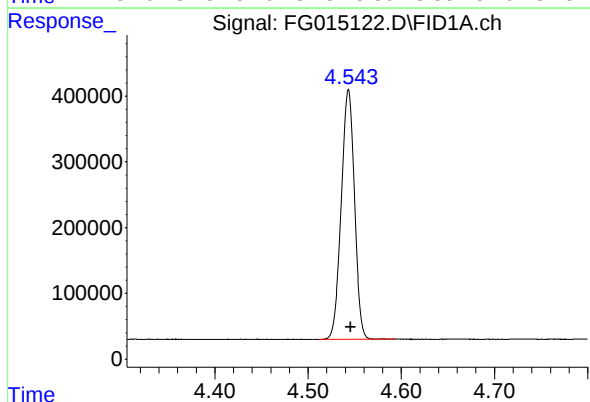




#1 n-Nonane (C9)

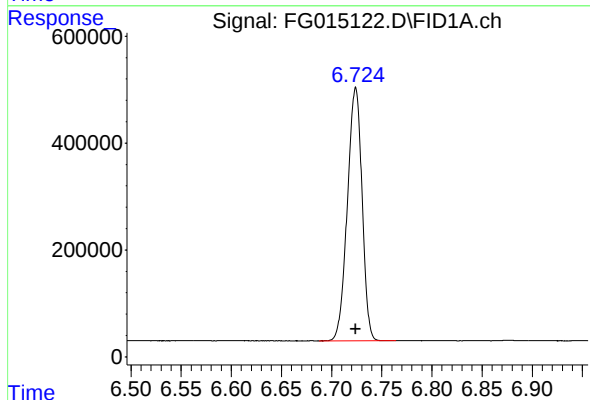
R.T.: 3.283 min
Delta R.T.: -0.004 min
Response: 2812330
Conc: 21.66 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166168BS



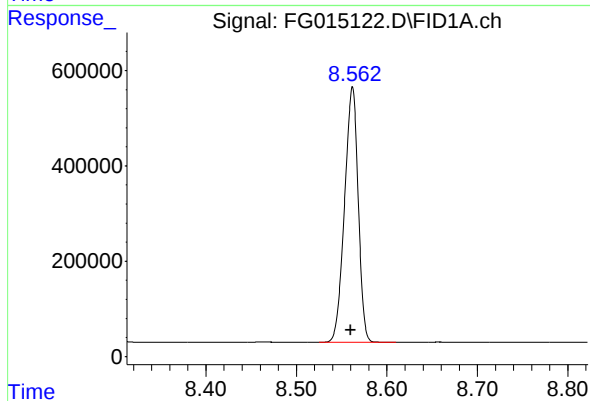
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 3758343
Conc: 28.28 ug/ml



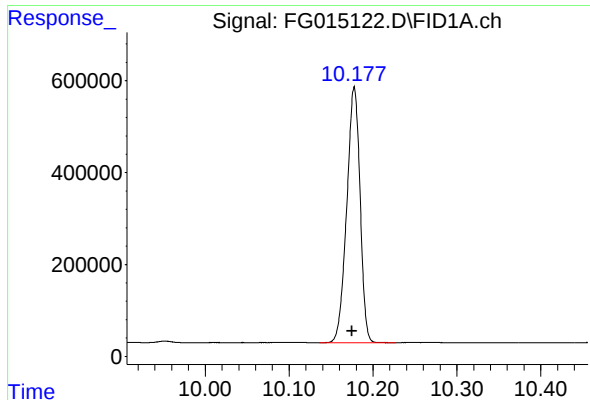
#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4816779
Conc: 35.43 ug/ml



#6 n-Tetradecane (C14)

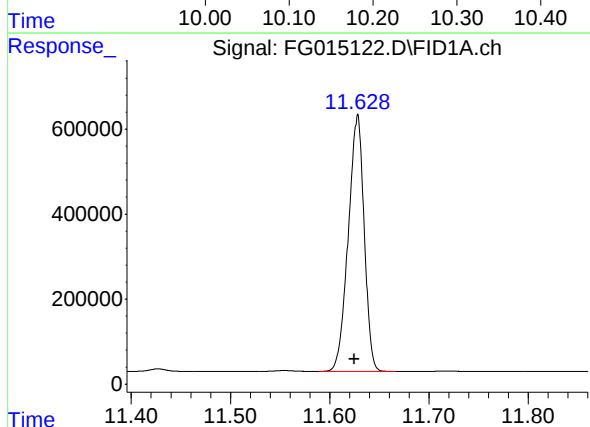
R.T.: 8.562 min
Delta R.T.: 0.002 min
Response: 5610679
Conc: 40.80 ug/ml



#7 n-Hexadecane (C16)

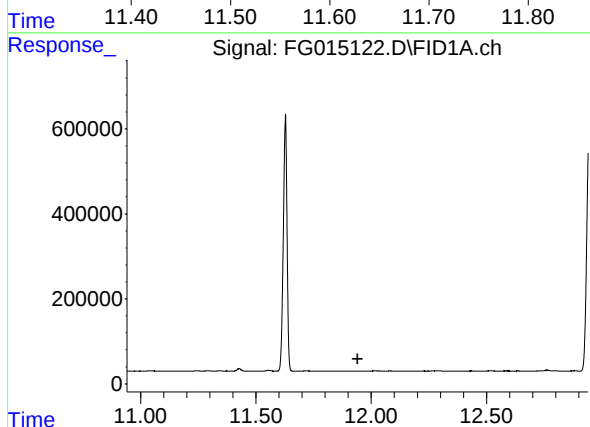
R.T.: 10.178 min
Delta R.T.: 0.003 min
Response: 6151957
Conc: 42.46 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166168BS



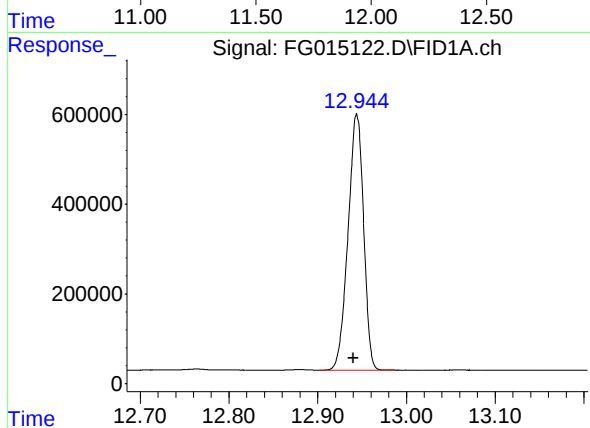
#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: 0.003 min
Response: 6711874
Conc: 45.16 ug/ml



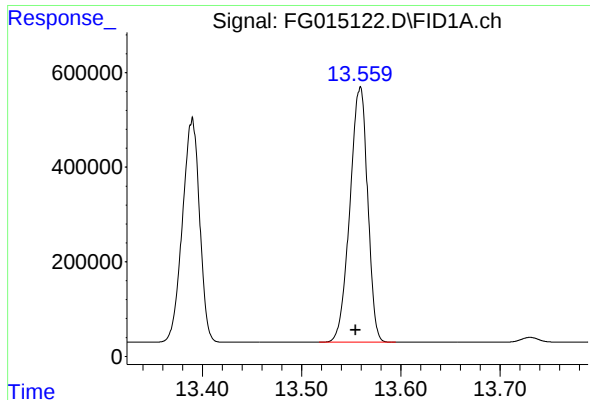
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

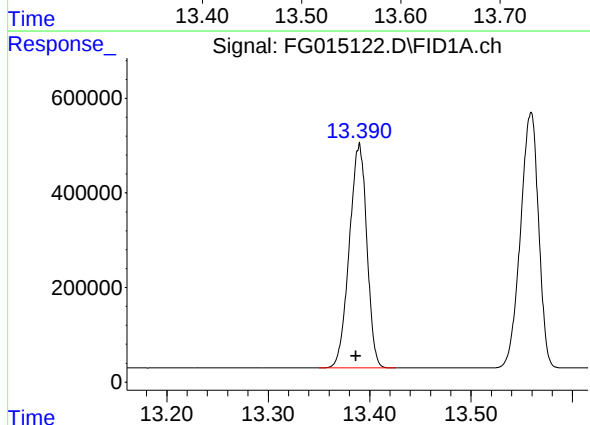
R.T.: 12.944 min
Delta R.T.: 0.004 min
Response: 6960636
Conc: 48.49 ug/ml



#11 n-Heneicosane (C21)

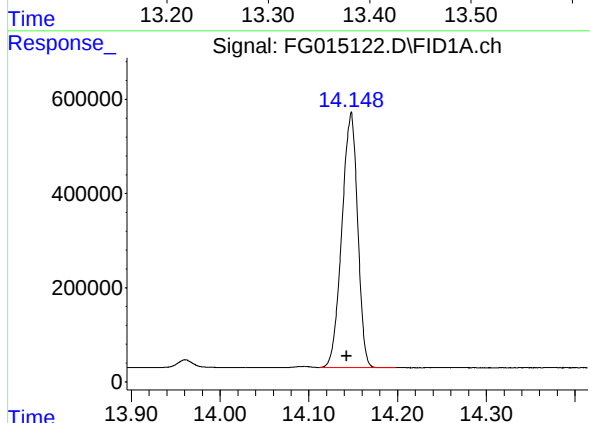
R.T.: 13.559 min
Delta R.T.: 0.005 min
Response: 6702167
Conc: 47.40 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166168BS



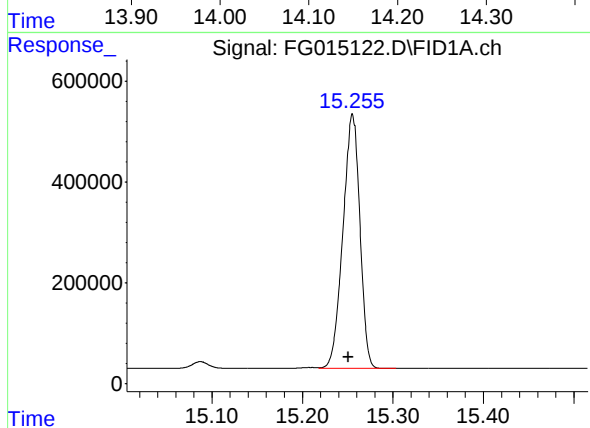
#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: 0.003 min
Response: 5676303
Conc: 46.62 ug/ml



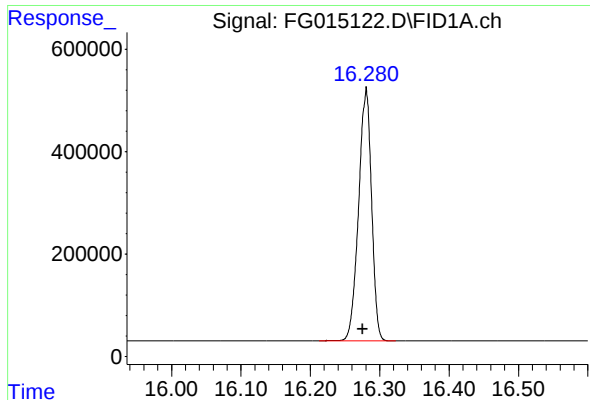
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: 0.005 min
Response: 6705044
Conc: 47.69 ug/ml



#14 n-Tetracosane (C24)

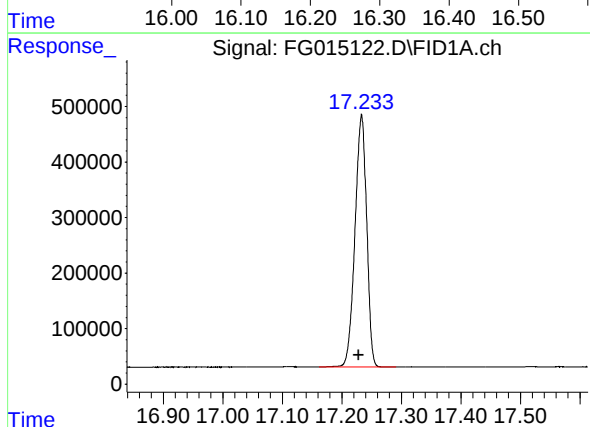
R.T.: 15.255 min
Delta R.T.: 0.005 min
Response: 6577424
Conc: 47.26 ug/ml



#15 n-Hexacosane (C26)

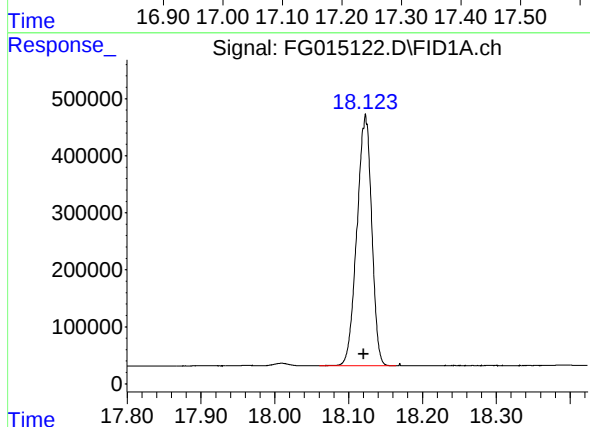
R.T.: 16.281 min
Delta R.T.: 0.005 min
Response: 6401481
Conc: 47.26 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166168BS



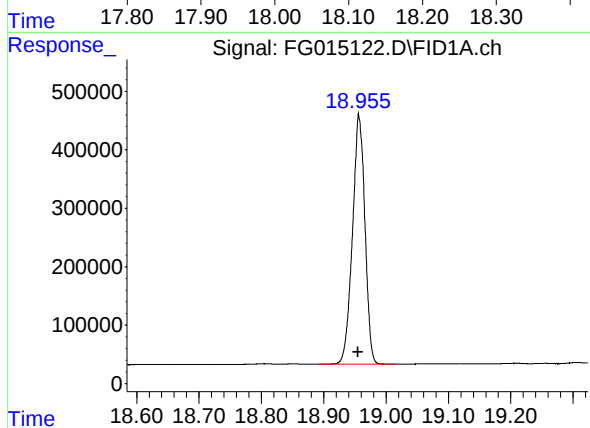
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.005 min
Response: 6187040
Conc: 47.02 ug/ml



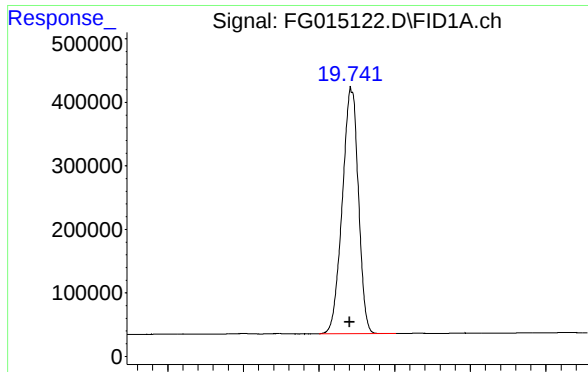
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.003 min
Response: 6111298
Conc: 46.07 ug/ml



#18 n-Dotriacontane (C32)

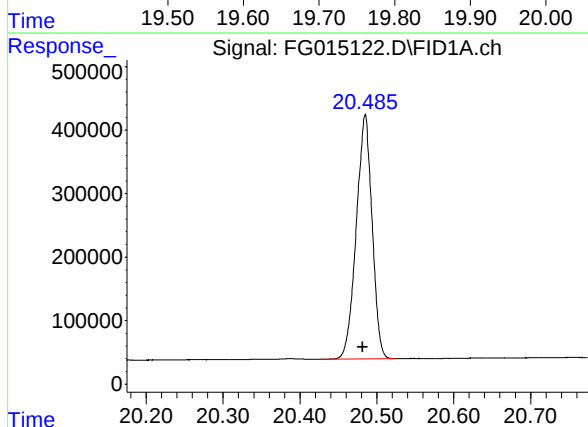
R.T.: 18.956 min
Delta R.T.: 0.001 min
Response: 5931895
Conc: 47.03 ug/ml



#19 n-Tetratriacontane (C34)

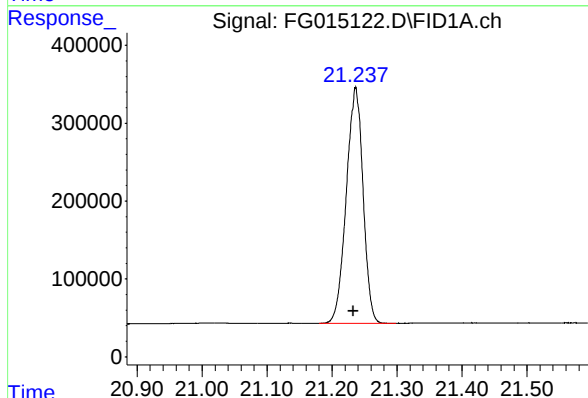
R.T.: 19.742 min
Delta R.T.: 0.002 min
Response: 5725765
Conc: 52.59 ug/ml

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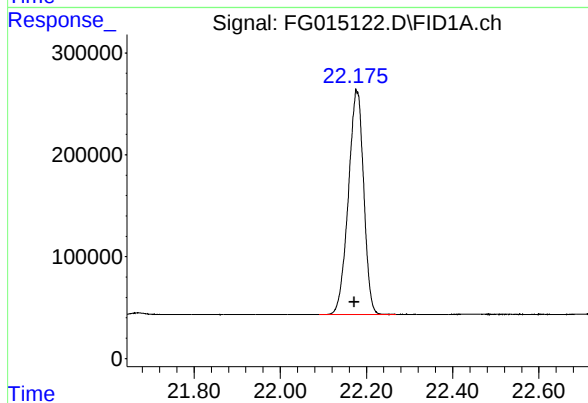
#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.003 min
Response: 5488314
Conc: 58.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.003 min
Response: 5429255
Conc: 61.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.177 min
Delta R.T.: 0.005 min
Response: 5443753
Conc: 64.22 ug/ml