

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012225AL\
 Data File : FG015123.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jan 2025 16:59
 Operator : YP\AJ
 Sample : PB166168BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166168BSD

Integration File: autoint1.e
 Quant Time: Jan 23 02:15:47 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...	13.389	6058956	49.761 ug/ml
Spiked Amount 50.000		Recovery =	99.52%
Target Compounds			
1) T n-Nonane (C9)	3.284	2802897	21.588 ug/ml
2) T n-Decane (C10)	4.544	3747770	28.202 ug/ml
4) T n-Dodecane (C12)	6.725	4805908	35.353 ug/ml
6) T n-Tetradecane (C14)	8.563	5598891	40.712 ug/ml
7) T n-Hexadecane (C16)	10.179	6132538	42.324 ug/ml
8) T n-Octadecane (C18)	11.628	6685341	44.980 ug/ml
10) T n-Eicosane (C20)	12.944	6927738	48.265 ug/ml
11) T n-Heneicosane (C21)	13.559	6666421	47.148 ug/ml
13) T n-Docosane (C22)	14.148	6665644	47.408 ug/ml
14) T n-Tetracosane (C24)	15.255	6538134	46.975 ug/ml
15) T n-Hexacosane (C26)	16.280	6361395	46.965 ug/ml
16) T n-Octacosane (C28)	17.233	6132900	46.604 ug/ml
17) T n-Tricontane (C30)	18.123	6024147	45.411 ug/ml
18) T n-Dotriacontane (C32)	18.958	5827927	46.208 ug/ml
19) T n-Tetratriacontane (C34)	19.745	5642838	51.825 ug/ml
20) T n-Hexatriacontane (C36)	20.485	5428645	58.146 ug/ml
21) T n-Octatriacontane (C38)	21.236	5389048	61.410 ug/ml
22) T n-Tetracontane (C40)	22.176	5413805	63.870 ug/ml

(f)=RT Delta > 1/2 Window

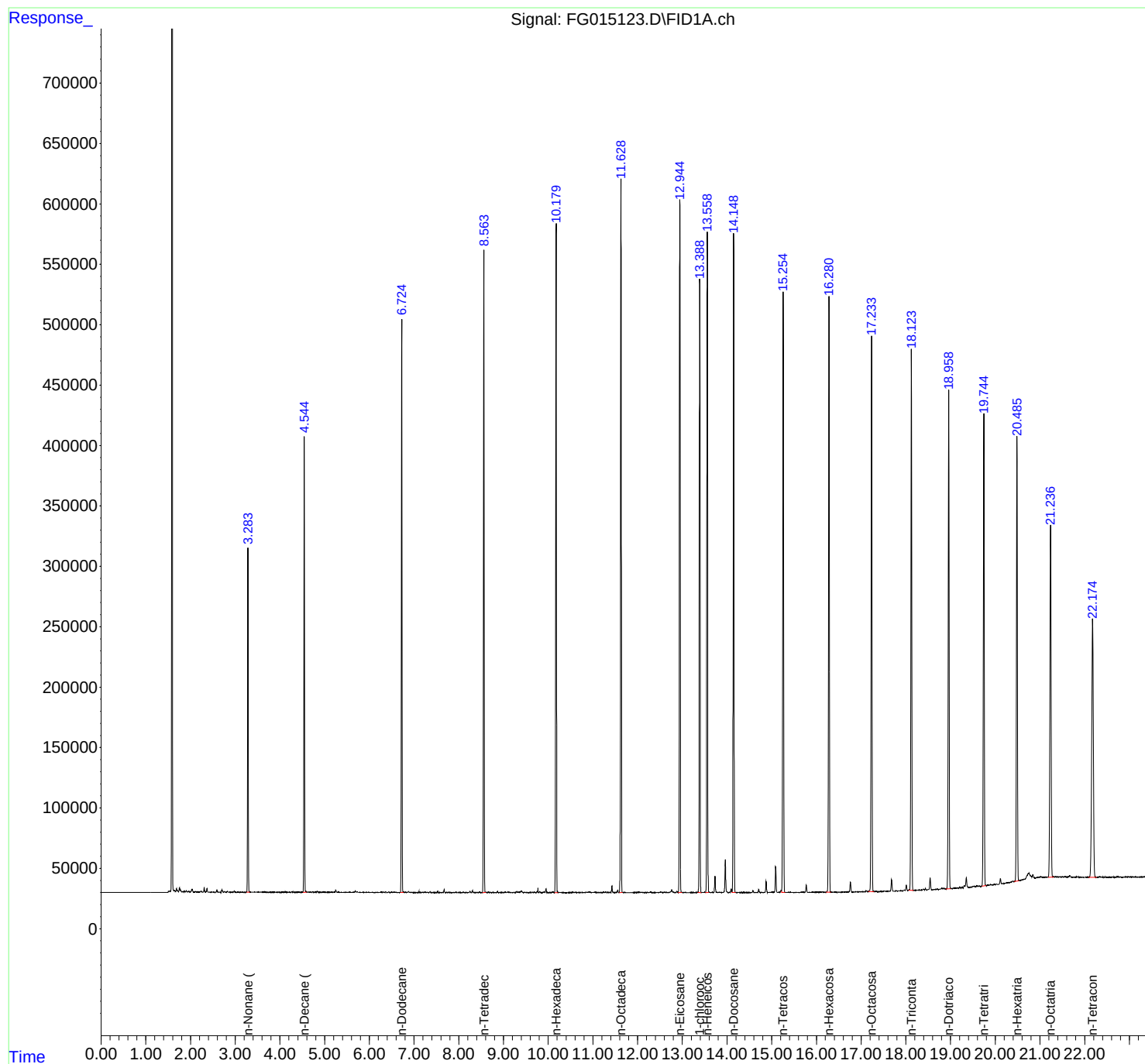
(m)=manual int.

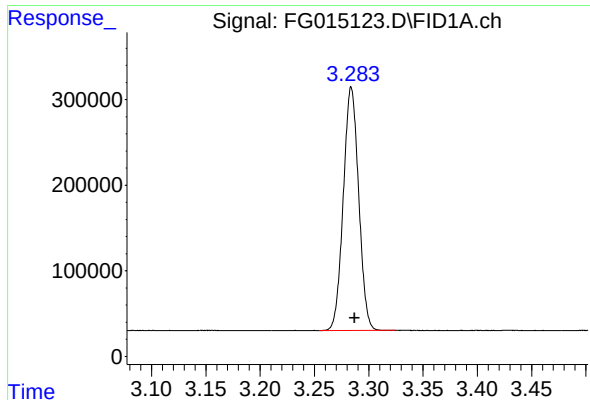
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012225AL\
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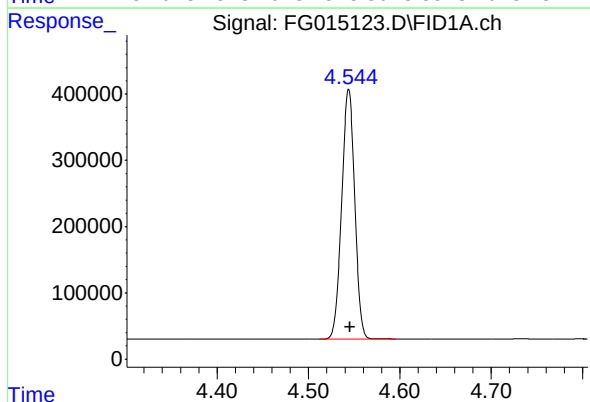




#1 n-Nonane (C9)

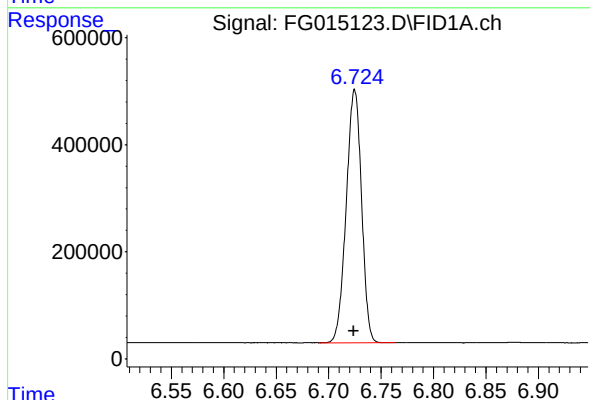
R.T.: 3.284 min
Delta R.T.: -0.003 min
Response: 2802897
Conc: 21.59 ug/ml

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FID_G
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PB166168BSD



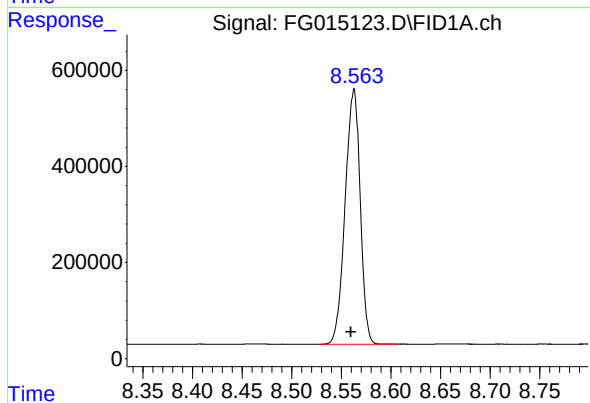
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 3747770
Conc: 28.20 ug/ml



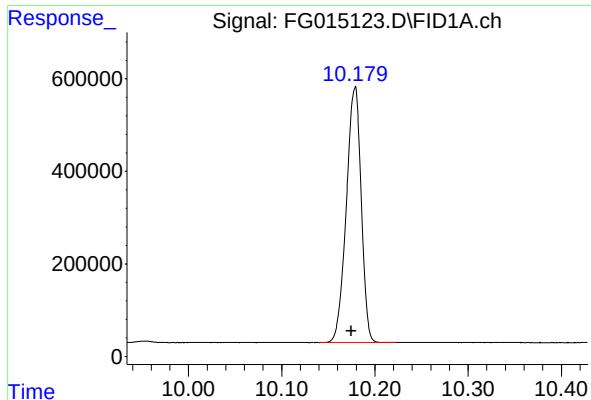
#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 4805908
Conc: 35.35 ug/ml



#6 n-Tetradecane (C14)

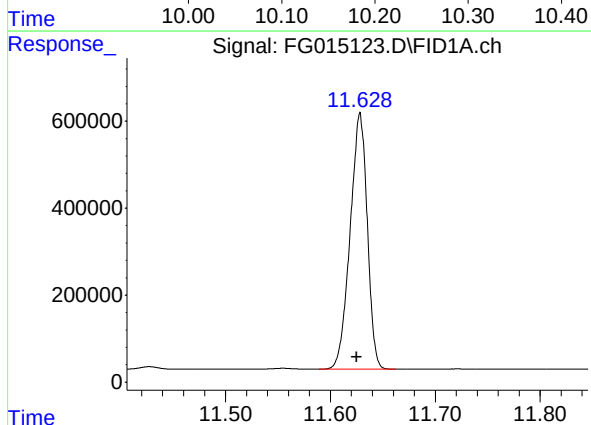
R.T.: 8.563 min
Delta R.T.: 0.003 min
Response: 5598891
Conc: 40.71 ug/ml



#7 n-Hexadecane (C16)

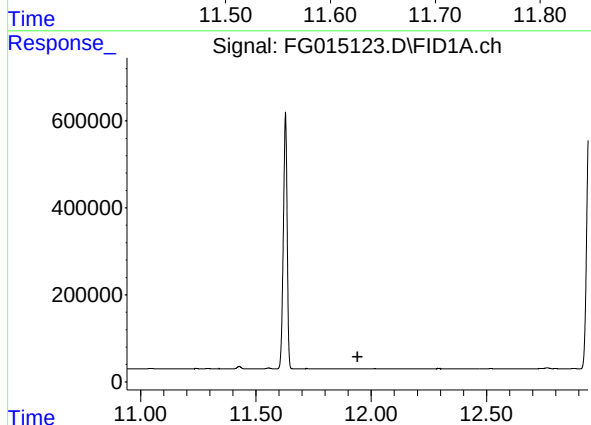
R.T.: 10.179 min
Delta R.T.: 0.004 min
Response: 6132538
Conc: 42.32 ug/ml

Instrument :
FID_G
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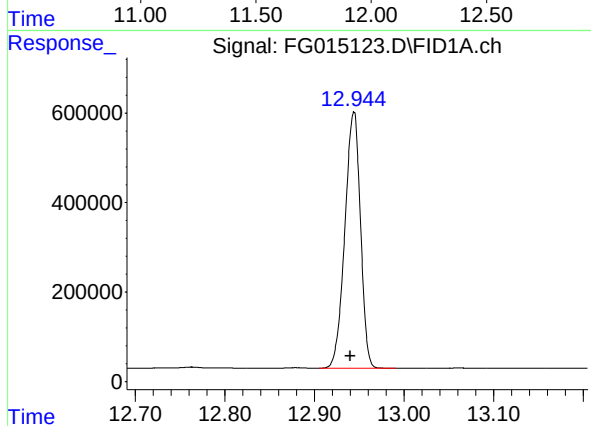
#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: 0.003 min
Response: 6685341
Conc: 44.98 ug/ml



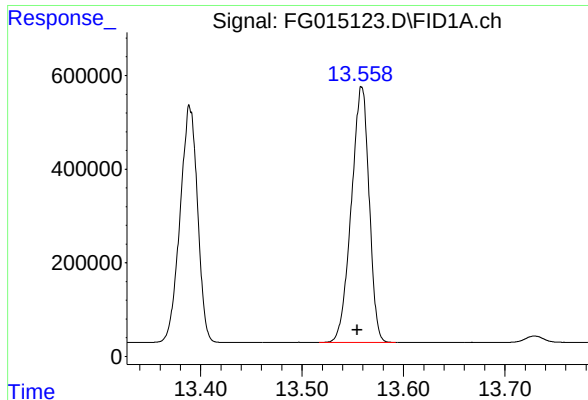
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

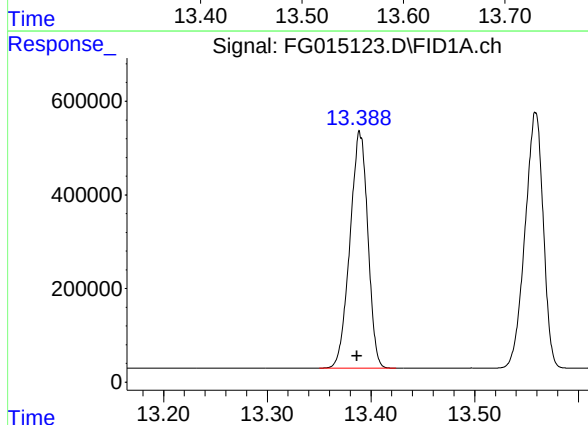
R.T.: 12.944 min
Delta R.T.: 0.004 min
Response: 6927738
Conc: 48.27 ug/ml



#11 n-Heneicosane (C21)

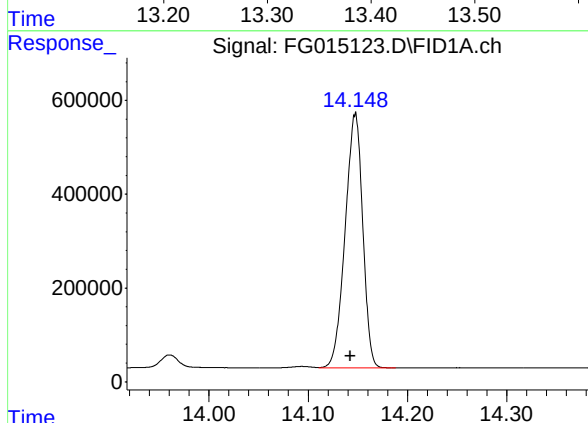
R.T.: 13.559 min
Delta R.T.: 0.004 min
Response: 6666421
Conc: 47.15 ug/ml

Instrument :
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ClientSampleId :
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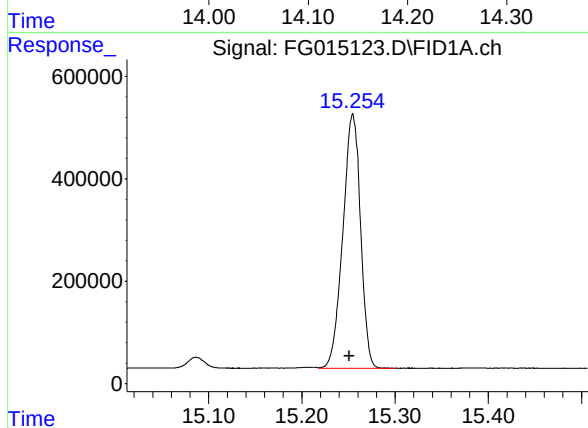
#12 1-chlorooctadecane (SURR)

R.T.: 13.389 min
Delta R.T.: 0.003 min
Response: 6058956
Conc: 49.76 ug/ml



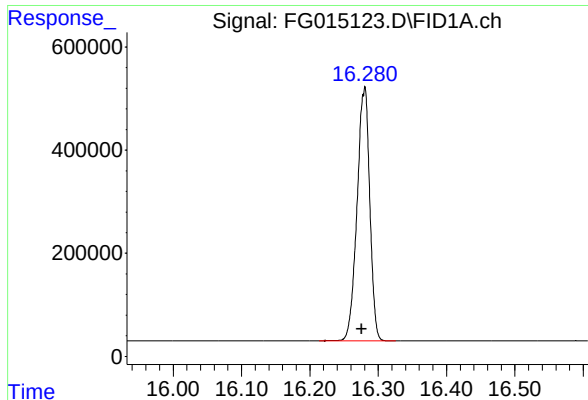
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: 0.005 min
Response: 6665644
Conc: 47.41 ug/ml



#14 n-Tetracosane (C24)

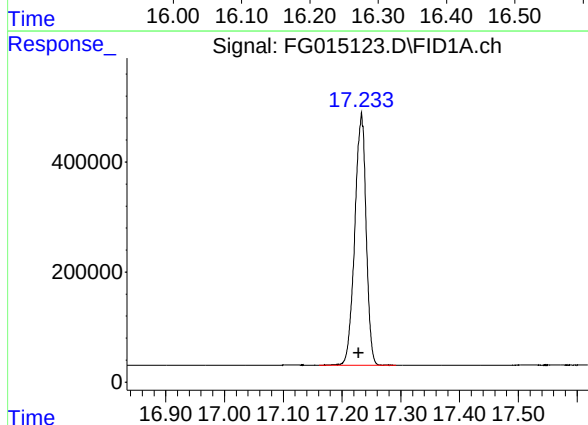
R.T.: 15.255 min
Delta R.T.: 0.004 min
Response: 6538134
Conc: 46.97 ug/ml



#15 n-Hexacosane (C26)

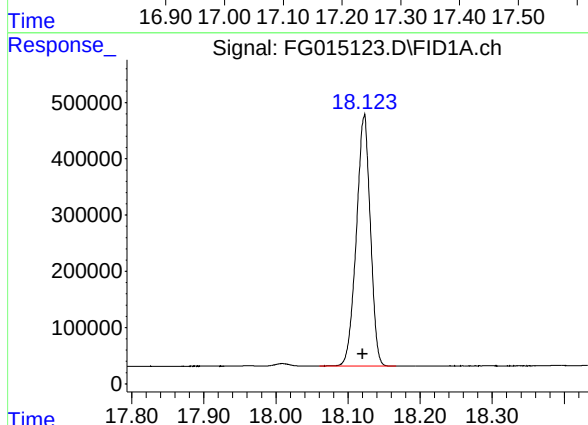
R.T.: 16.280 min
Delta R.T.: 0.005 min
Response: 6361395
Conc: 46.97 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166168BSD



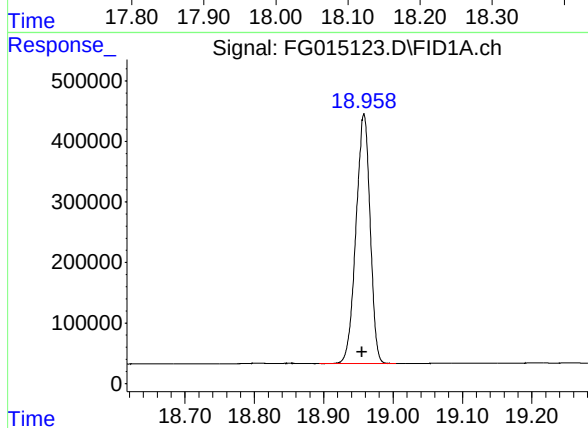
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.005 min
Response: 6132900
Conc: 46.60 ug/ml



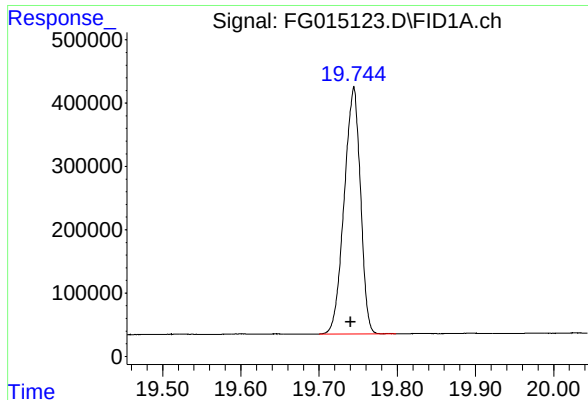
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.002 min
Response: 6024147
Conc: 45.41 ug/ml



#18 n-Dotriacontane (C32)

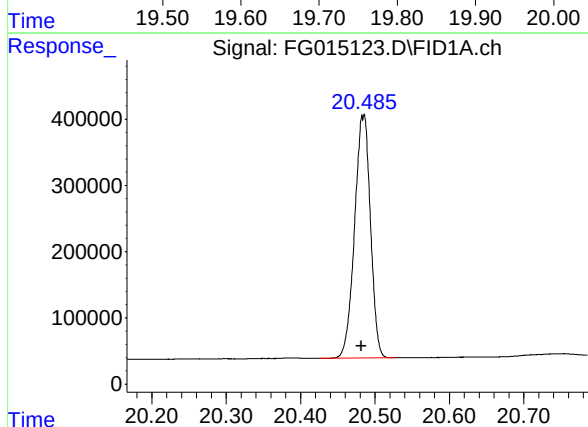
R.T.: 18.958 min
Delta R.T.: 0.003 min
Response: 5827927
Conc: 46.21 ug/ml



#19 n-Tetratriacontane (C34)

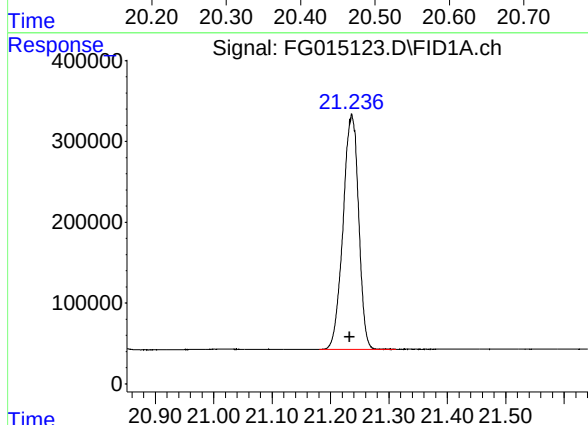
R.T.: 19.745 min
Delta R.T.: 0.004 min
Response: 5642838
Conc: 51.82 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166168BSD



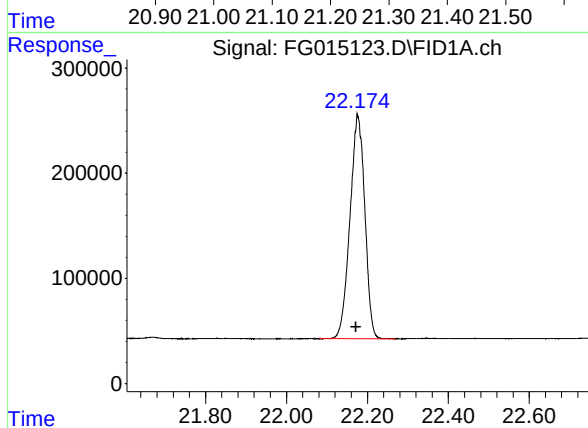
#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.003 min
Response: 5428645
Conc: 58.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.003 min
Response: 5389048
Conc: 61.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.176 min
Delta R.T.: 0.004 min
Response: 5413805
Conc: 63.87 ug/ml