

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016431.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 11:01
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 28 11:19:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 11:12:40 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			
9) S ortho-Terphenyl (SURR)	12.075	1358722	10.461 ug/ml
Spiked Amount 50.000		Recovery =	20.92%
12) S 1-chlorooctadecane (S...	13.521	1030441	10.437 ug/ml
Spiked Amount 50.000		Recovery =	20.87%
Target Compounds			
1) T n-Nonane (C9)	3.394	1160960	10.470 ug/ml
2) T n-Decane (C10)	4.656	1178133	10.442 ug/ml
3) T A~Naphthalene (C11.7)	6.377	1273830	10.377 ug/ml
4) T n-Dodecane (C12)	6.837	1187209	10.425 ug/ml
5) T A~2-methylnaphthalene...	7.480	1216851	10.273 ug/ml
6) T n-Tetradecane (C14)	8.678	1185844	10.470 ug/ml
7) T n-Hexadecane (C16)	10.297	1225955	10.474 ug/ml
8) T n-Octadecane (C18)	11.751	1241465	10.485 ug/ml
10) T n-Eicosane (C20)	13.071	1198604	10.491 ug/ml
11) T n-Heneicosane (C21)	13.688	1181643	10.500 ug/ml
13) T n-Docosane (C22)	14.279	1174116	10.485 ug/ml
14) T n-Tetracosane (C24)	15.390	1167745	10.489 ug/ml
15) T n-Hexacosane (C26)	16.418	1139703	10.481 ug/ml
16) T n-Octacosane (C28)	17.375	1110183	10.508 ug/ml
17) T n-Tricontane (C30)	18.268	1131301	10.649 ug/ml
18) T n-Dotriacontane (C32)	19.107	1103180	10.828 ug/ml
19) T n-Tetratriacontane (C34)	19.895	1001278	10.754 ug/ml
20) T n-Hexatriacontane (C36)	20.639	867482	10.656 ug/ml
21) T n-Octatriacontane (C38)	21.425	795746	10.620 ug/ml
22) T n-Tetracontane (C40)	22.425	764662	10.585 ug/ml

(f)=RT Delta > 1/2 Window

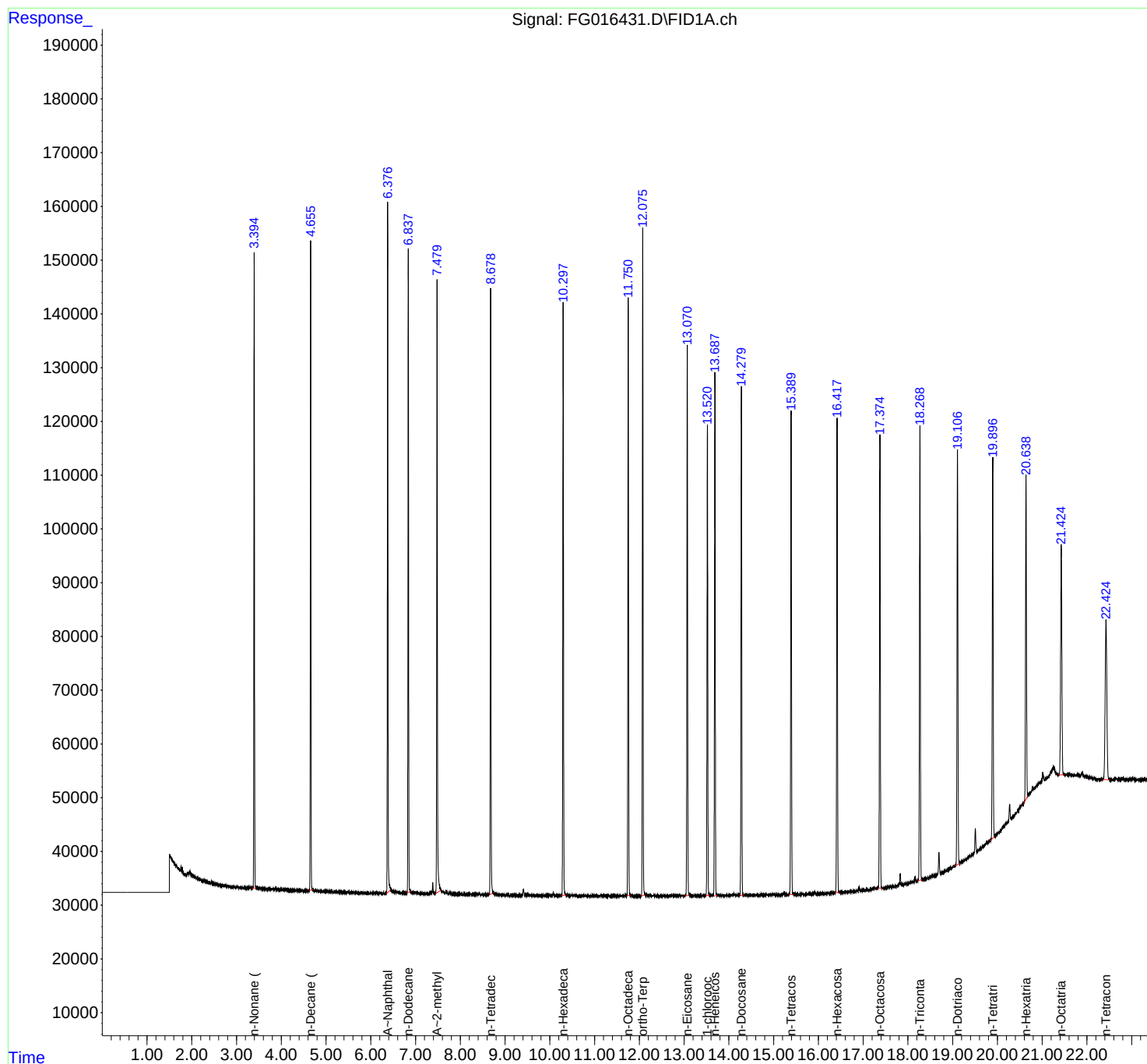
(m)=manual int.

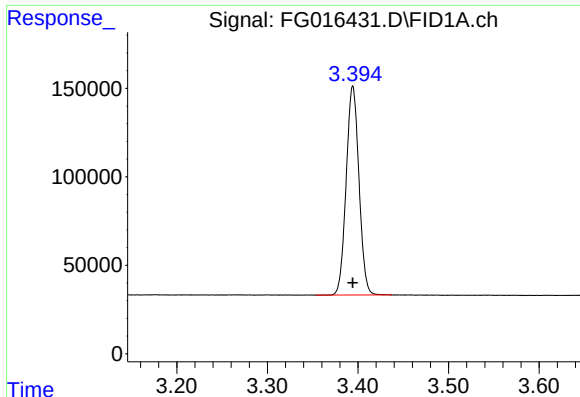
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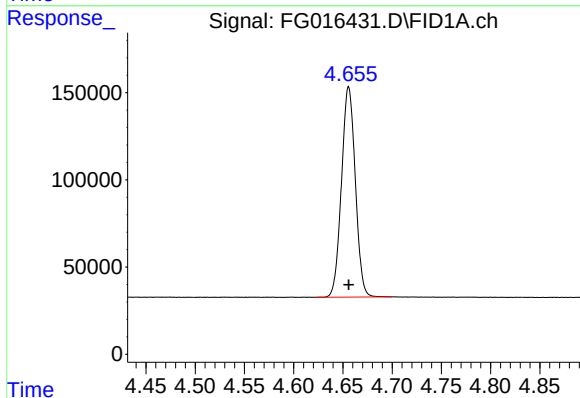




#1 n-Nonane (C9)

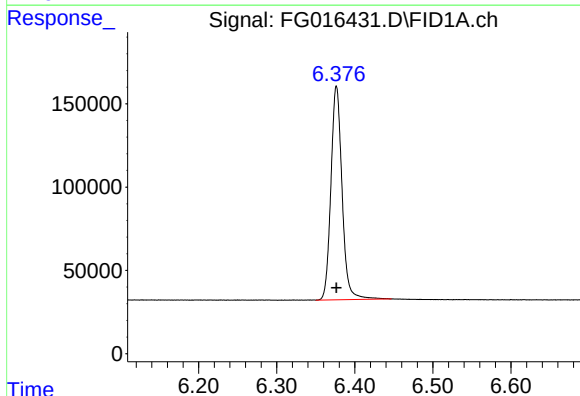
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1160960
Conc: 10.47 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



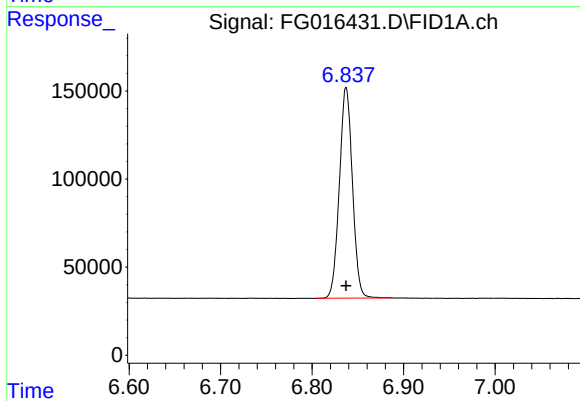
#2 n-Decane (C10)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 1178133
Conc: 10.44 ug/ml



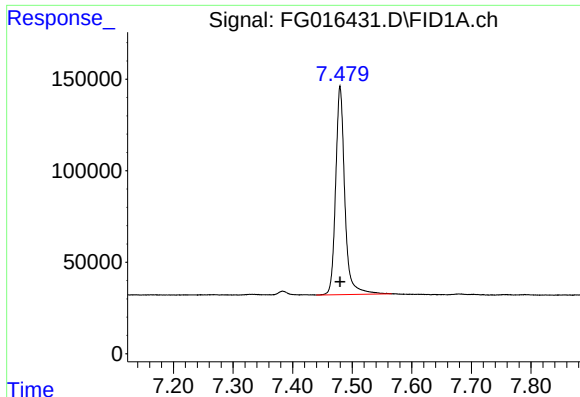
#3 A~Naphthalene (C11.7)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 1273830
Conc: 10.38 ug/ml



#4 n-Dodecane (C12)

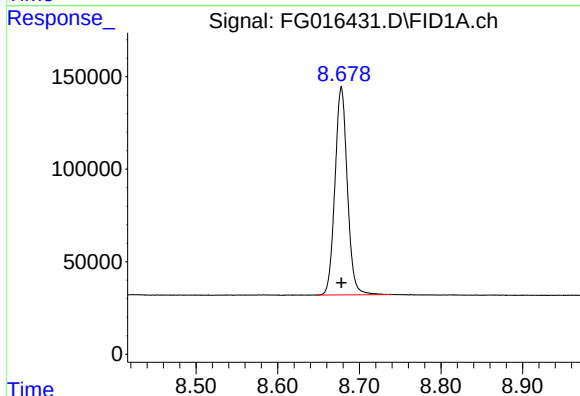
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 1187209
Conc: 10.43 ug/ml



#5 A~2-methylnaphthalene (C12.89)

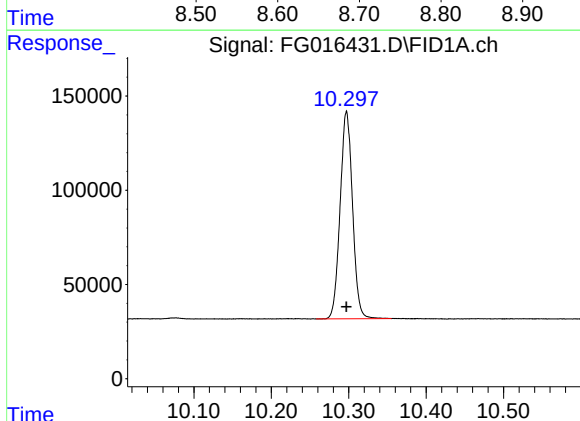
R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 1216851
Conc: 10.27 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



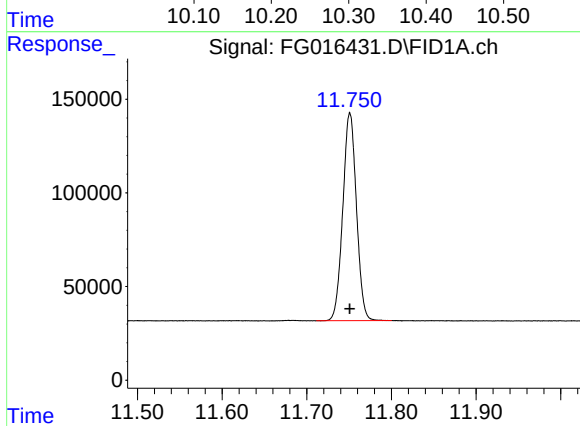
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 1185844
Conc: 10.47 ug/ml



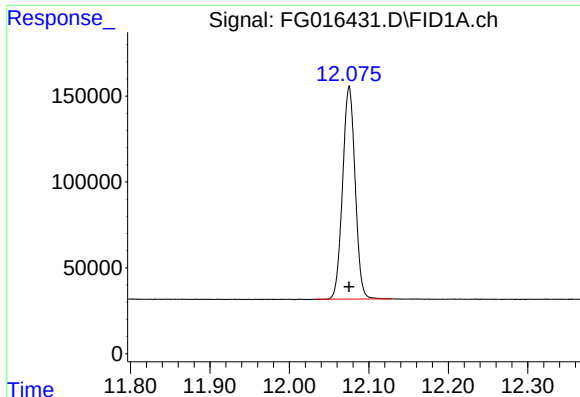
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 1225955
Conc: 10.47 ug/ml



#8 n-Octadecane (C18)

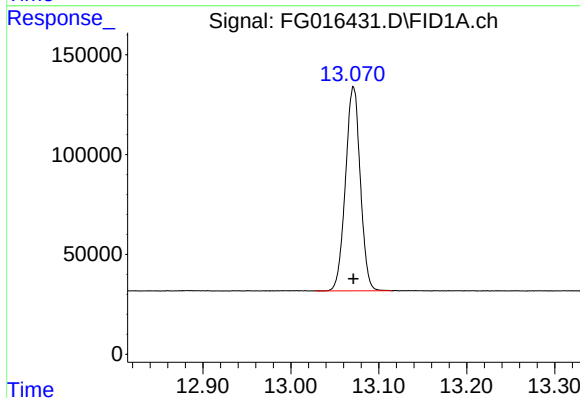
R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 1241465
Conc: 10.48 ug/ml



#9 ortho-Terphenyl (SURR)

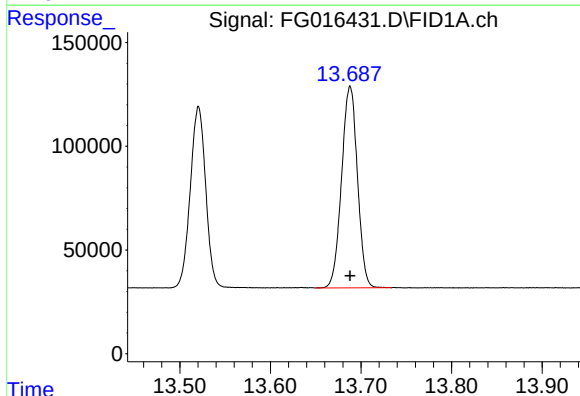
R.T.: 12.075 min
Delta R.T.: 0.000 min
Response: 1358722
Conc: 10.46 ug/ml

Instrument :
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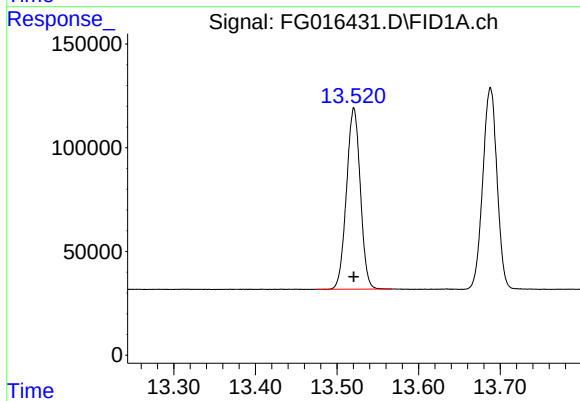
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.000 min
Response: 1198604
Conc: 10.49 ug/ml



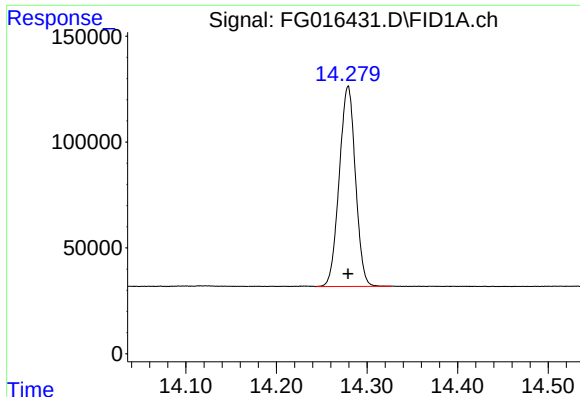
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.000 min
Response: 1181643
Conc: 10.50 ug/ml



#12 1-chlorooctadecane (SURR)

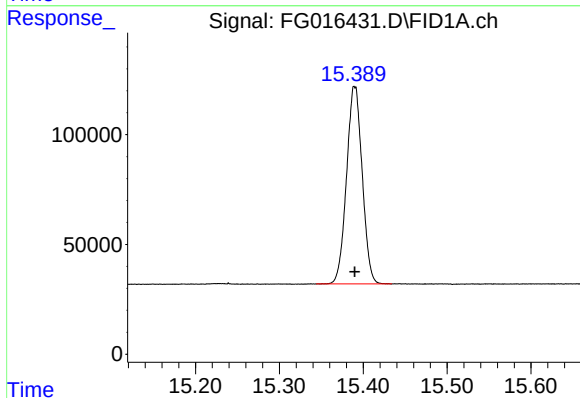
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 1030441
Conc: 10.44 ug/ml



#13 n-Docosane (C22)

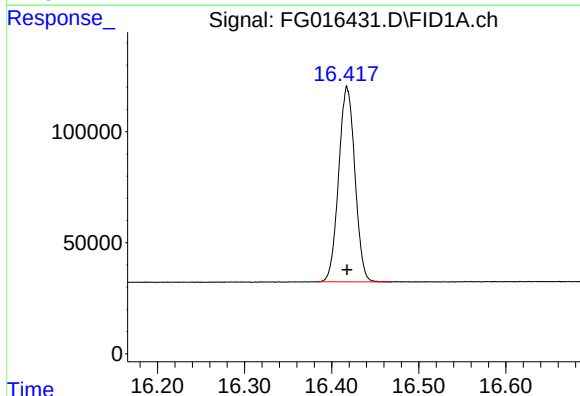
R.T.: 14.279 min
Delta R.T.: 0.000 min
Response: 1174116
Conc: 10.49 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



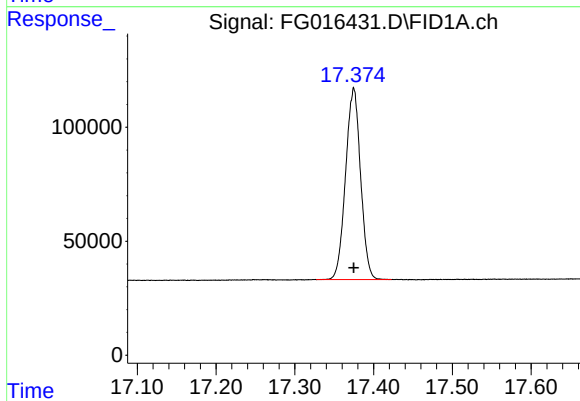
#14 n-Tetracosane (C24)

R.T.: 15.390 min
Delta R.T.: 0.000 min
Response: 1167745
Conc: 10.49 ug/ml



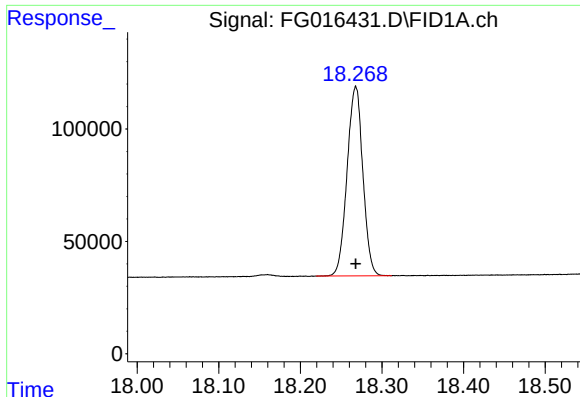
#15 n-Hexacosane (C26)

R.T.: 16.418 min
Delta R.T.: 0.000 min
Response: 1139703
Conc: 10.48 ug/ml



#16 n-Octacosane (C28)

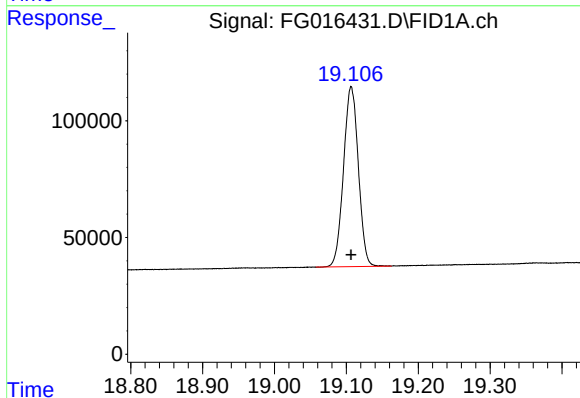
R.T.: 17.375 min
Delta R.T.: 0.000 min
Response: 1110183
Conc: 10.51 ug/ml



#17 n-Tricontane (C30)

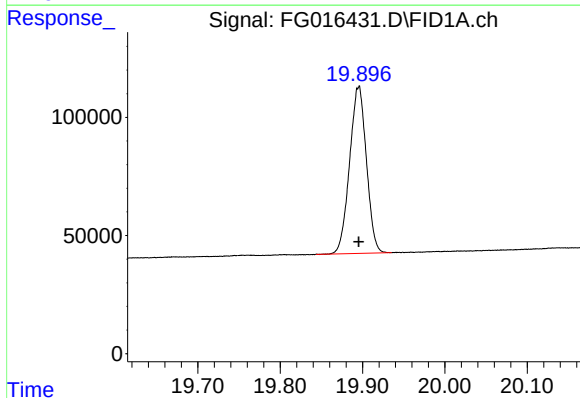
R.T.: 18.268 min
Delta R.T.: 0.000 min
Response: 1131301
Conc: 10.65 ug/ml

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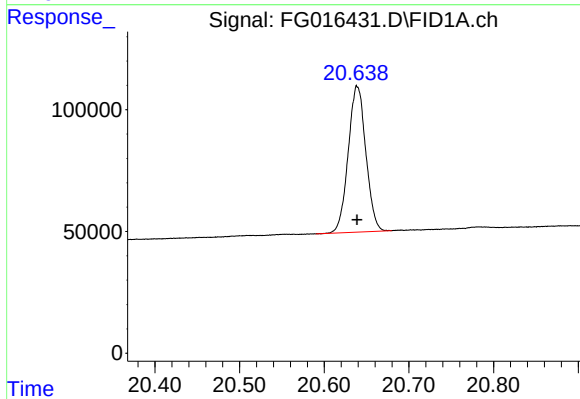
#18 n-Dotriacontane (C32)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 1103180
Conc: 10.83 ug/ml



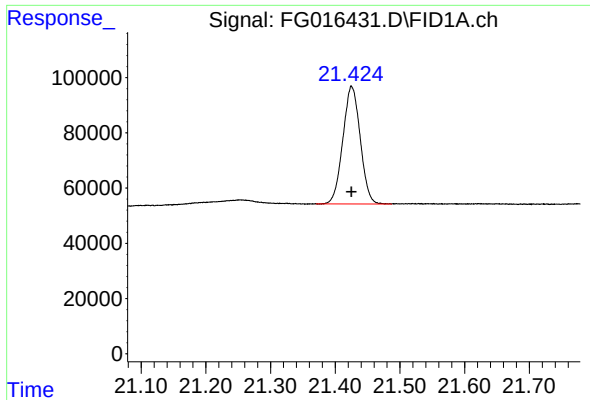
#19 n-Tetratriacontane (C34)

R.T.: 19.895 min
Delta R.T.: 0.000 min
Response: 1001278
Conc: 10.75 ug/ml



#20 n-Hexatriacontane (C36)

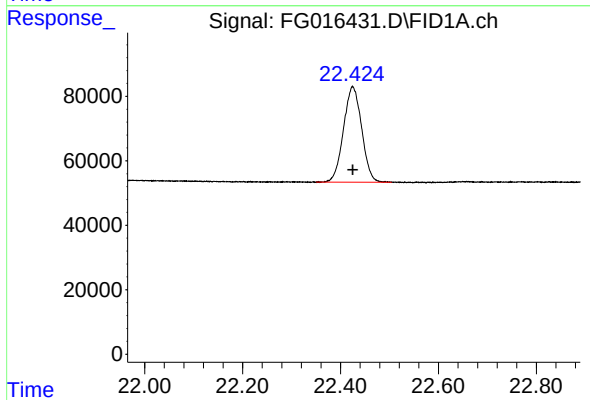
R.T.: 20.639 min
Delta R.T.: 0.000 min
Response: 867482
Conc: 10.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.425 min
Delta R.T.: 0.000 min
Response: 795746
Conc: 10.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.425 min
Delta R.T.: 0.000 min
Response: 764662
Conc: 10.58 ug/ml