

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016850.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 15:34
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 29 16:07:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:59:42 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)	12.039	1540407	9.797 ug/ml
Spiked Amount 50.000		Recovery =	19.59%
12) S 1-chlorooctadecane (S...	13.484	1159523	9.599 ug/ml
Spiked Amount 50.000		Recovery =	19.20%
Target Compounds			
1) T n-Nonane (C9)	3.365	1227509	9.888 ug/ml
2) T n-Decane (C10)	4.625	1247197	9.722 ug/ml
3) T A~Naphthalene (C11.7)	6.344	1241007	9.245 ug/ml
4) T n-Dodecane (C12)	6.805	1263581	9.641 ug/ml
5) T A~2-methylnaphthalene...	7.448	1107098	8.767 ug/ml
6) T n-Tetradecane (C14)	8.645	1226376	9.463 ug/ml
7) T n-Hexadecane (C16)	10.264	1257832	9.344 ug/ml
8) T n-Octadecane (C18)	11.716	1342945	9.563 ug/ml
10) T n-Eicosane (C20)	13.035	1359854	9.763 ug/ml
11) T n-Heneicosane (C21)	13.650	1357956	9.807 ug/ml
13) T n-Docosane (C22)	14.242	1388013	9.935 ug/ml
14) T n-Tetracosane (C24)	15.353	1422731	10.030 ug/ml
15) T n-Hexacosane (C26)	16.382	1429320	10.134 ug/ml
16) T n-Octacosane (C28)	17.338	1437422	10.296 ug/ml
17) T n-Tricontane (C30)	18.231	1500914	10.548 ug/ml
18) T n-Dotriacontane (C32)	19.069	1477442	10.799 ug/ml
19) T n-Tetratriacontane (C34)	19.859	1305571	10.796 ug/ml
20) T n-Hexatriacontane (C36)	20.601	1079984	10.937 ug/ml
21) T n-Octatriacontane (C38)	21.379	965119	11.323 ug/ml
22) T n-Tetracontane (C40)	22.364	858492	11.226 ug/ml

(f)=RT Delta > 1/2 Window

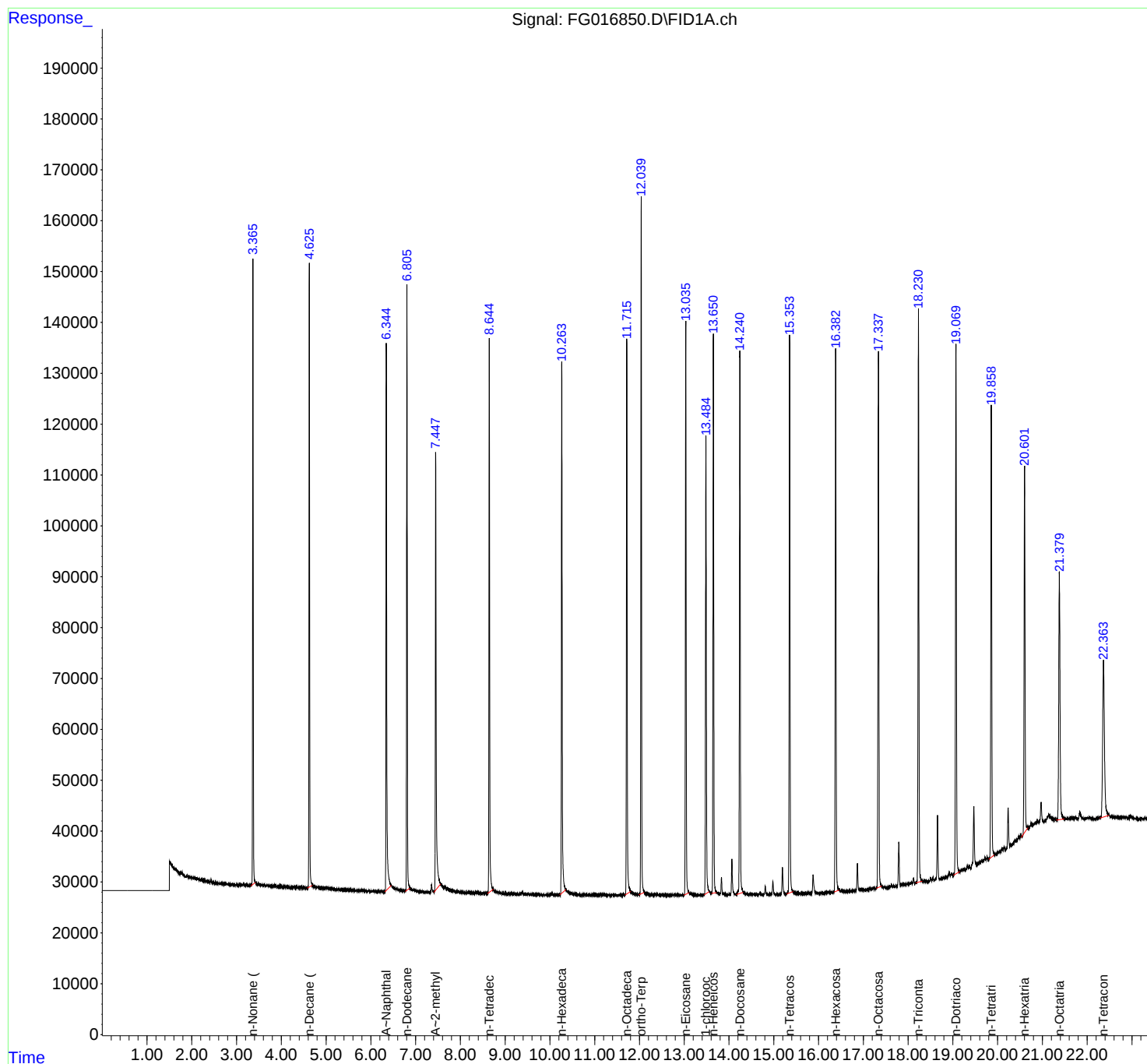
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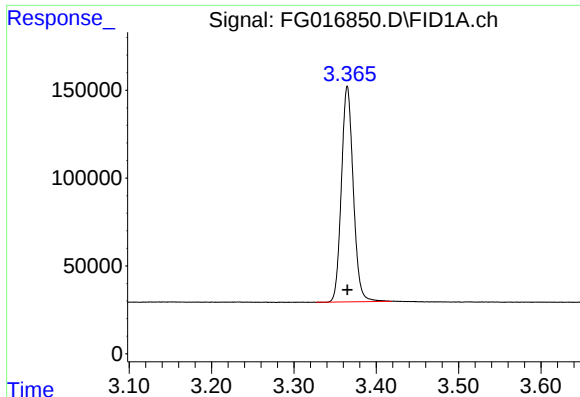
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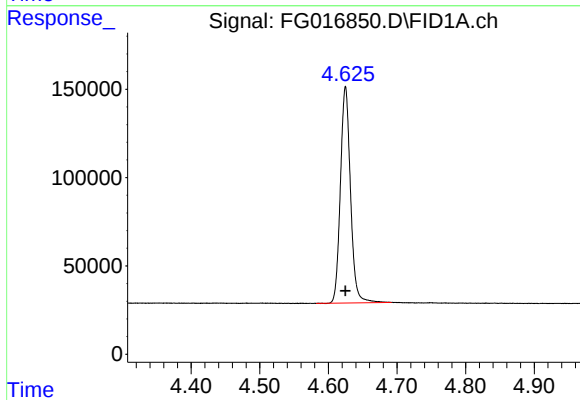




#1 n-Nonane (C9)

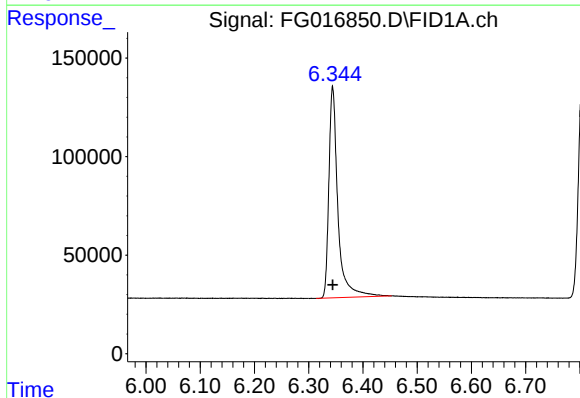
R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 1227509
Conc: 9.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



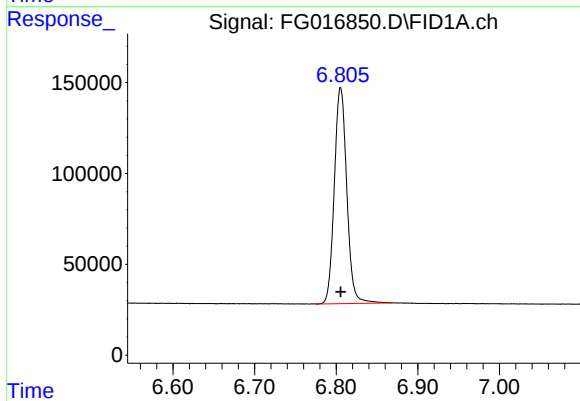
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 1247197
Conc: 9.72 ug/ml



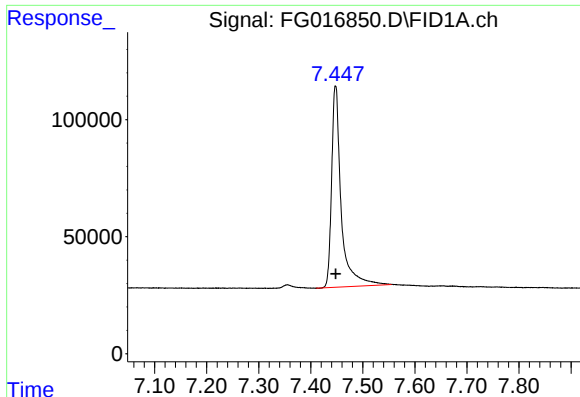
#3 A~Naphthalene (C11.7)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 1241007
Conc: 9.25 ug/ml



#4 n-Dodecane (C12)

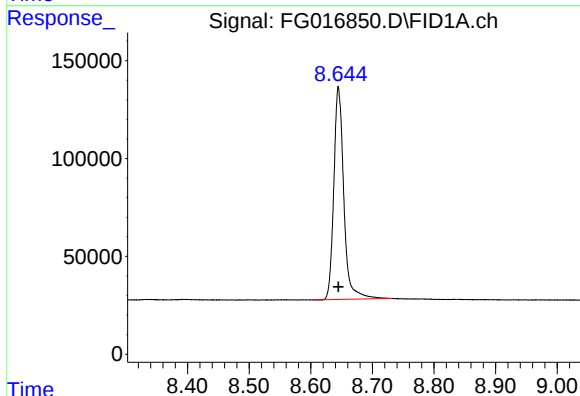
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 1263581
Conc: 9.64 ug/ml



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

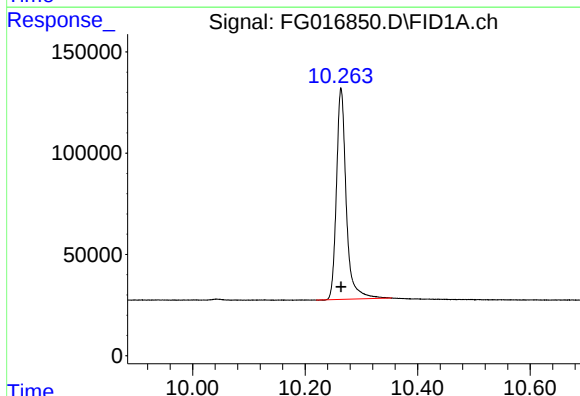
R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 1107098
Conc: 8.77 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



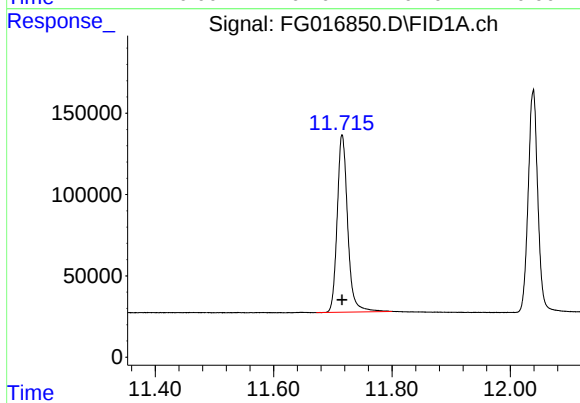
#6 n-Tetradecane (C14)

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 1226376
Conc: 9.46 ug/ml



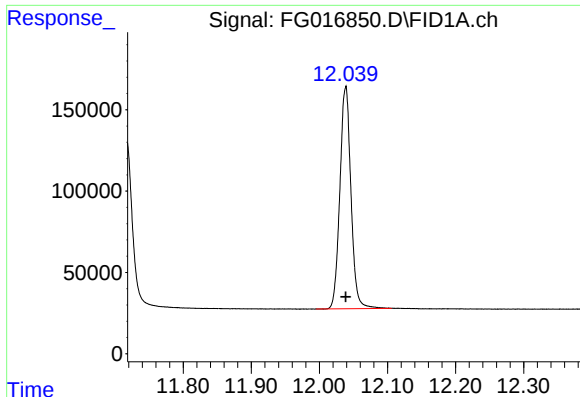
#7 n-Hexadecane (C16)

R.T.: 10.264 min
Delta R.T.: 0.000 min
Response: 1257832
Conc: 9.34 ug/ml



#8 n-Octadecane (C18)

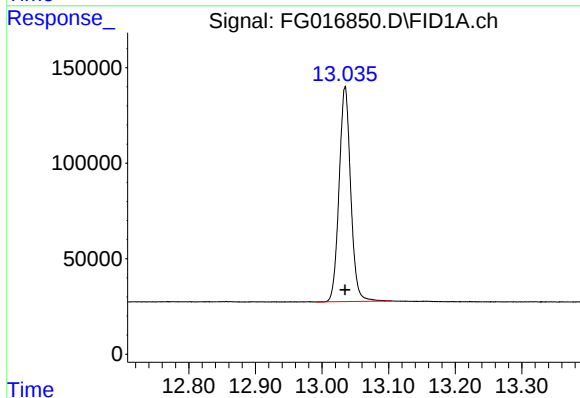
R.T.: 11.716 min
Delta R.T.: 0.000 min
Response: 1342945
Conc: 9.56 ug/ml



#9 ortho-Terphenyl (SURR)

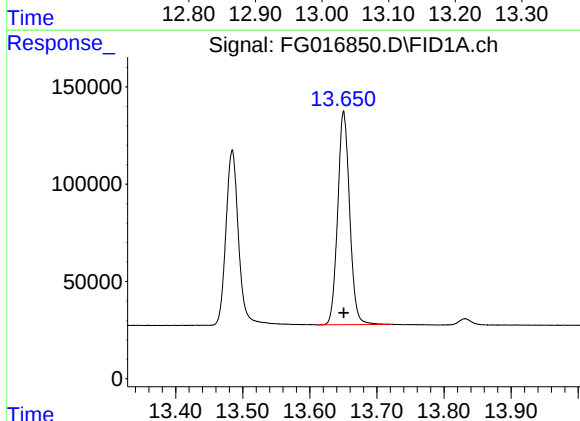
R.T.: 12.039 min
Delta R.T.: 0.000 min
Response: 1540407
Conc: 9.80 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



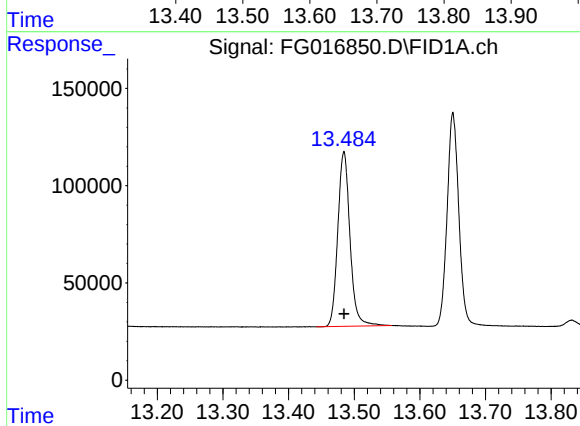
#10 n-Eicosane (C20)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 1359854
Conc: 9.76 ug/ml



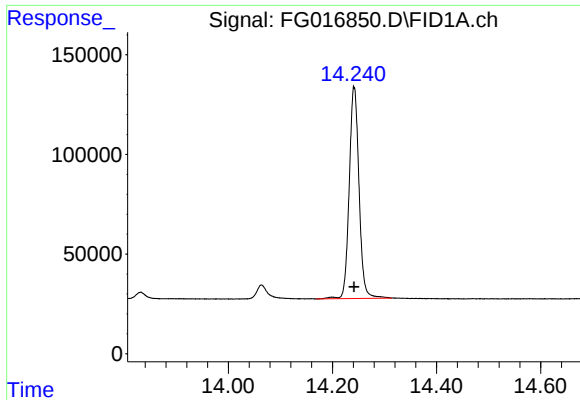
#11 n-Heneicosane (C21)

R.T.: 13.650 min
Delta R.T.: 0.000 min
Response: 1357956
Conc: 9.81 ug/ml



#12 1-chlorooctadecane (SURR)

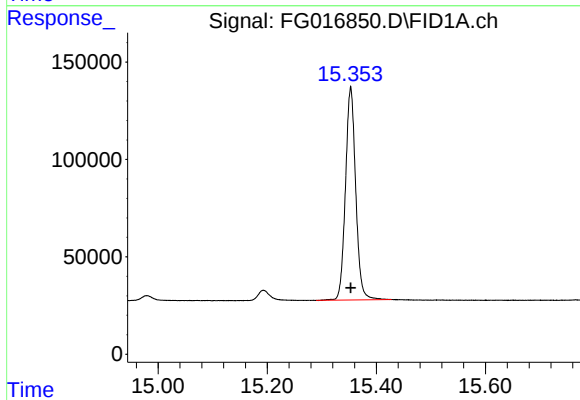
R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 1159523
Conc: 9.60 ug/ml



#13 n-Docosane (C22)

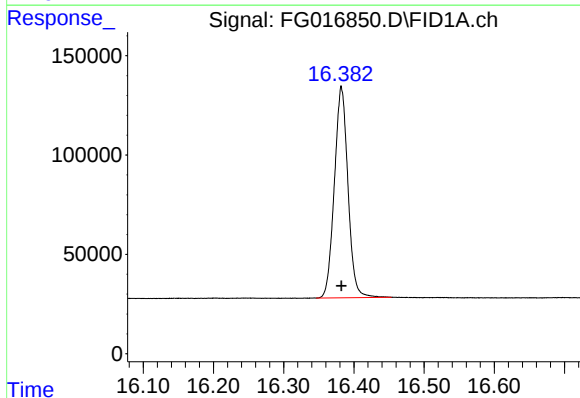
R.T.: 14.242 min
Delta R.T.: 0.000 min
Response: 1388013
Conc: 9.93 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



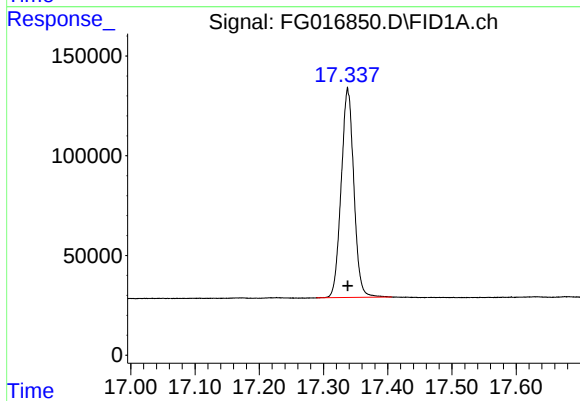
#14 n-Tetracosane (C24)

R.T.: 15.353 min
Delta R.T.: 0.000 min
Response: 1422731
Conc: 10.03 ug/ml



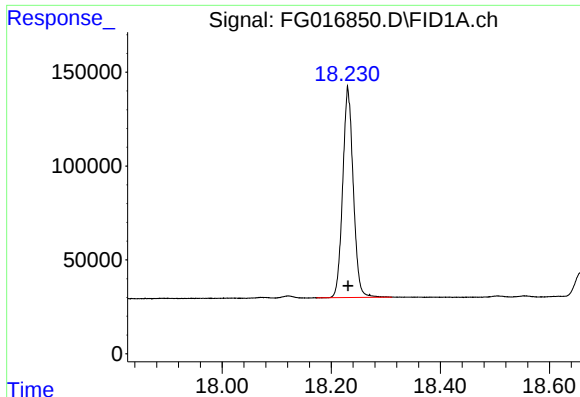
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: 0.000 min
Response: 1429320
Conc: 10.13 ug/ml



#16 n-Octacosane (C28)

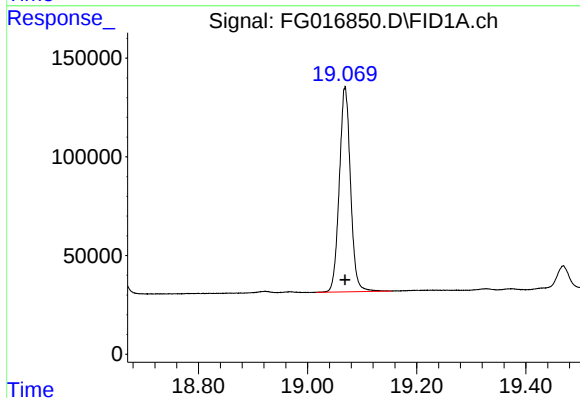
R.T.: 17.338 min
Delta R.T.: 0.000 min
Response: 1437422
Conc: 10.30 ug/ml



#17 n-Tricontane (C30)

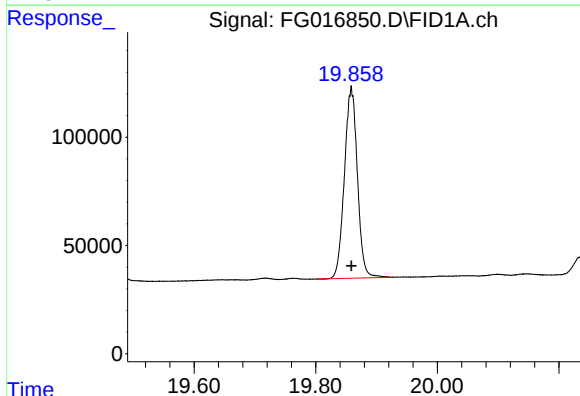
R.T.: 18.231 min
Delta R.T.: 0.000 min
Response: 1500914
Conc: 10.55 ug/ml

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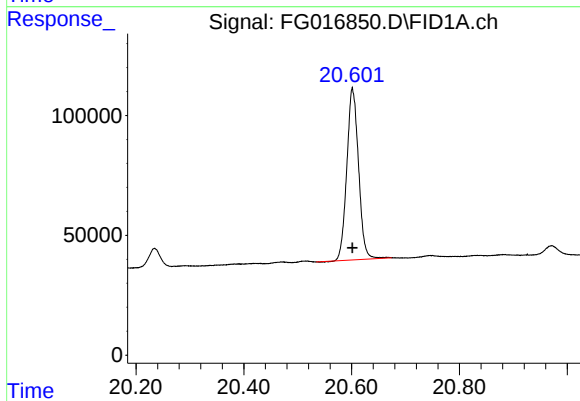
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: 0.000 min
Response: 1477442
Conc: 10.80 ug/ml



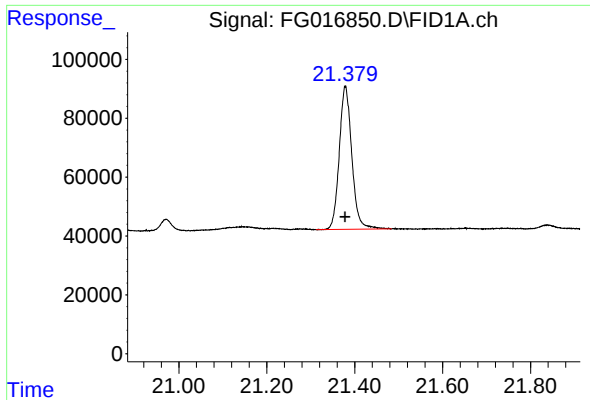
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 1305571
Conc: 10.80 ug/ml



#20 n-Hexatriacontane (C36)

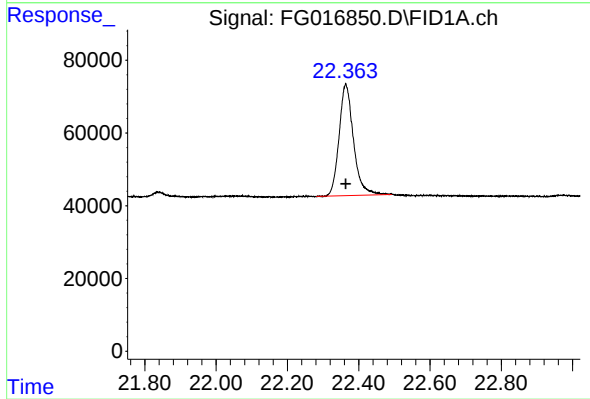
R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 1079984
Conc: 10.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.000 min
Response: 965119
Conc: 11.32 ug/ml

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FID_G
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: 0.000 min
Response: 858492
Conc: 11.23 ug/ml