

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016647.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 15:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HCSTD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HCSTD

Integration File: autoint1.e
 Quant Time: Sep 25 16:46:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.055	2749482	19.276 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.500	2160022	19.137 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.379	2171757	19.138 ug/ml
2) T n-Decane (C10)	4.640	2228973	19.273 ug/ml
3) T A~Naphthalene (C11.7)	6.358	2388206	19.370 ug/ml
4) T n-Dodecane (C12)	6.820	2266035	19.306 ug/ml
5) T A~2-methylnaphthalene...	7.461	2284097	19.746 ug/ml
6) T n-Tetradecane (C14)	8.660	2289648	19.516 ug/ml
7) T n-Hexadecane (C16)	10.279	2404171	19.404 ug/ml
8) T n-Octadecane (C18)	11.732	2499205	19.198 ug/ml
10) T n-Eicosane (C20)	13.052	2472696	19.127 ug/ml
11) T n-Heneicosane (C21)	13.668	2454999	19.118 ug/ml
13) T n-Docosane (C22)	14.259	2461302	19.088 ug/ml
14) T n-Tetracosane (C24)	15.369	2493623	19.120 ug/ml
15) T n-Hexacosane (C26)	16.398	2477877	19.195 ug/ml
16) T n-Octacosane (C28)	17.353	2449688	19.303 ug/ml
17) T n-Tricontane (C30)	18.246	2538157	19.837 ug/ml
18) T n-Dotriacontane (C32)	19.085	2470437	20.171 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2202652	20.276 ug/ml
20) T n-Hexatriacontane (C36)	20.617	1824027	20.073 ug/ml
21) T n-Octatriacontane (C38)	21.398	1574253	19.330 ug/ml
22) T n-Tetracontane (C40)	22.388	1415591	18.351 ug/ml

(f)=RT Delta > 1/2 Window

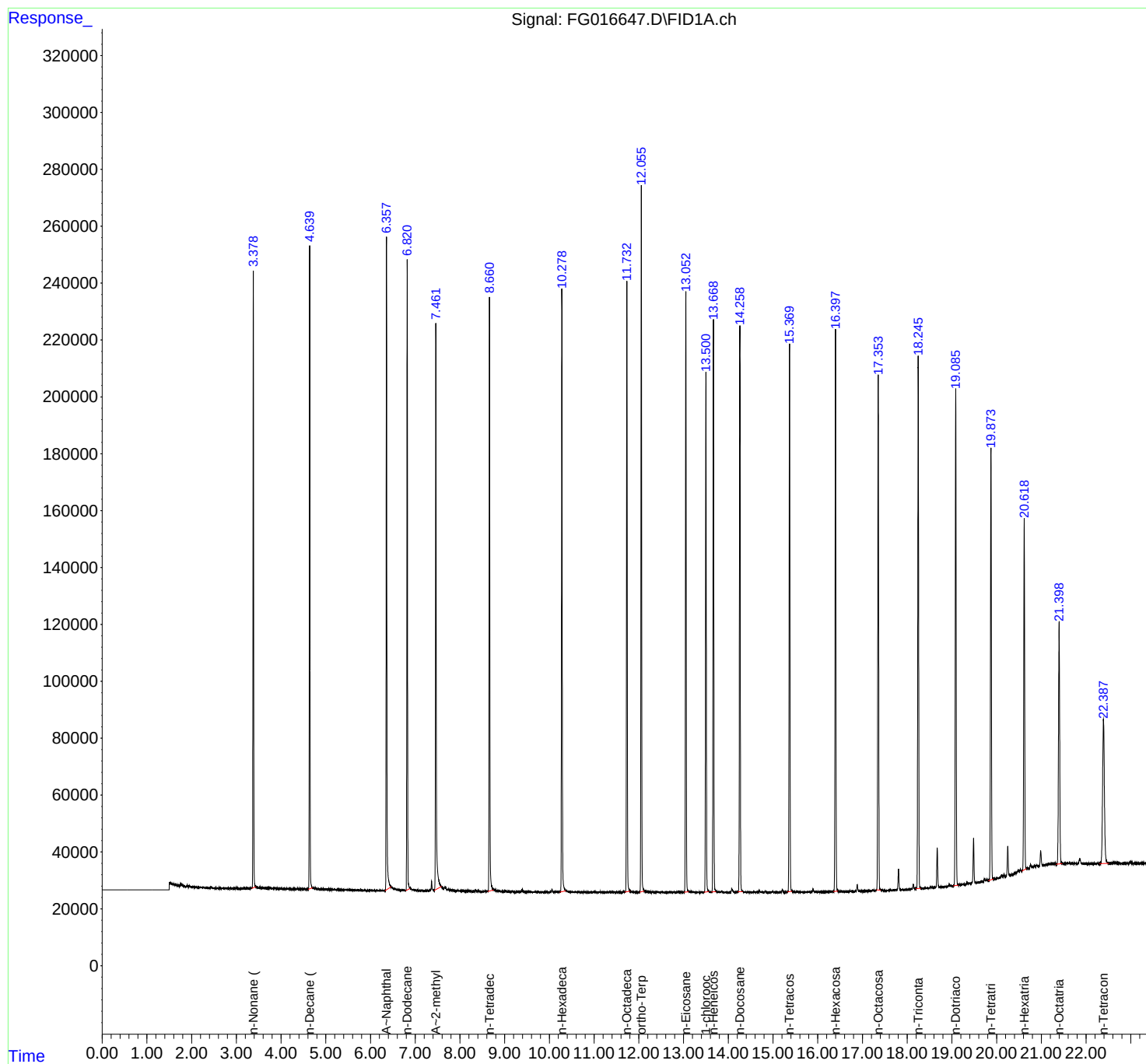
(m)=manual int.

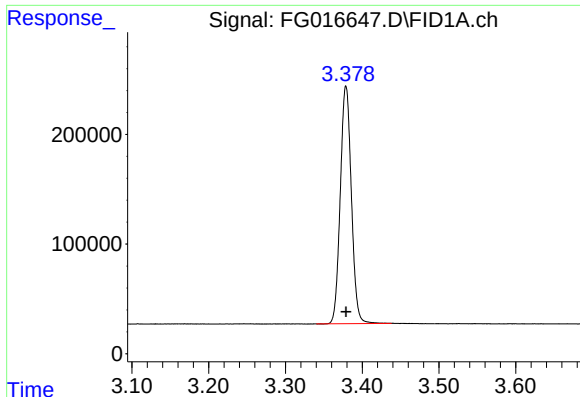
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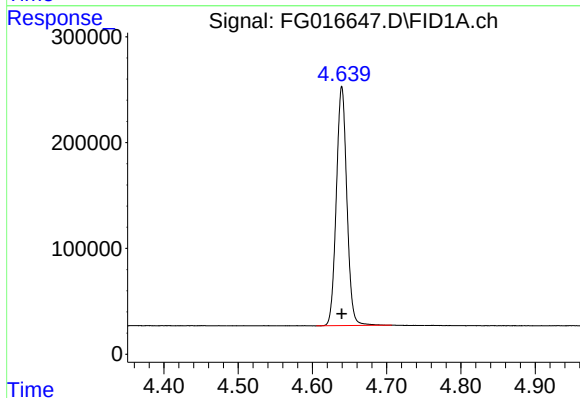




#1 n-Nonane (C9)

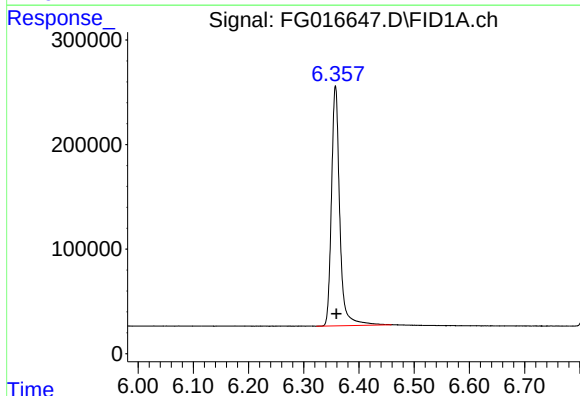
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 2171757
Conc: 19.14 ug/ml

Instrument :
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20 PPM ALIPHATIC HCSTD



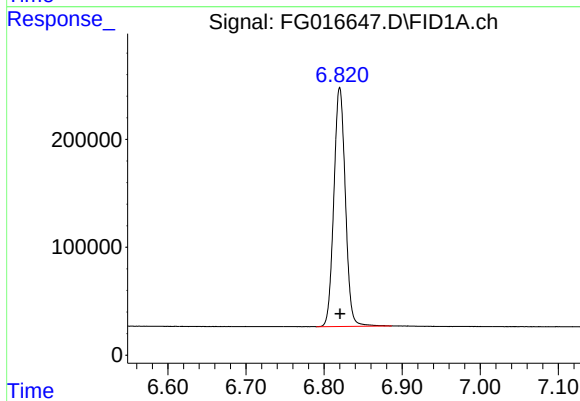
#2 n-Decane (C10)

R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 2228973
Conc: 19.27 ug/ml



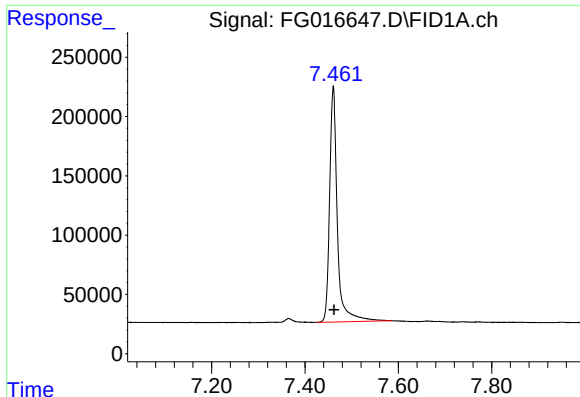
#3 A~Naphthalene (C11.7)

R.T.: 6.358 min
Delta R.T.: -0.002 min
Response: 2388206
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

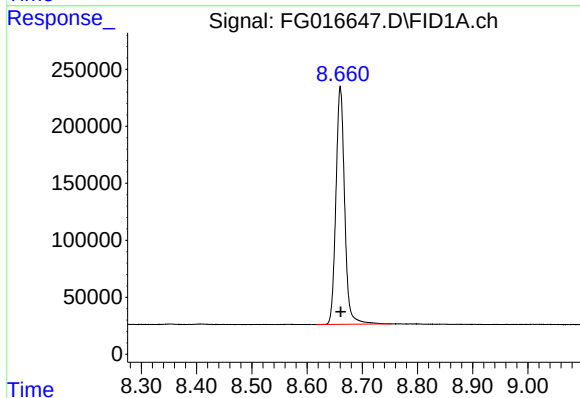
R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 2266035
Conc: 19.31 ug/ml



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

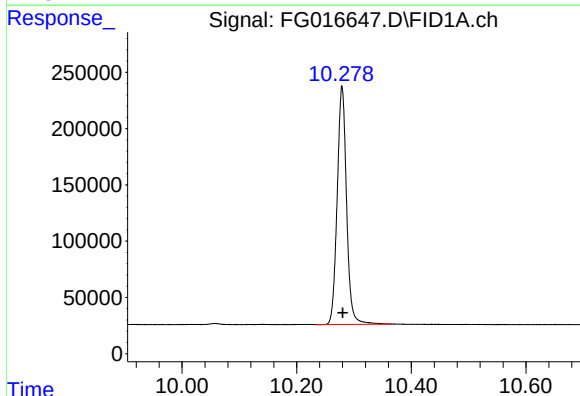
R.T.: 7.461 min
Delta R.T.: -0.002 min
Response: 2284097
Conc: 19.75 ug/ml

Instrument :
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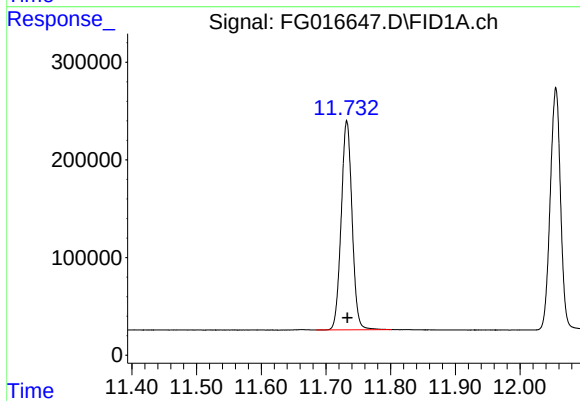
#6 n-Tetradecane (C14)

R.T.: 8.660 min
Delta R.T.: 0.000 min
Response: 2289648
Conc: 19.52 ug/ml



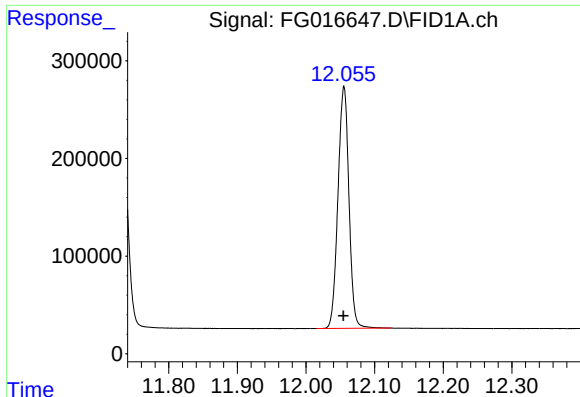
#7 n-Hexadecane (C16)

R.T.: 10.279 min
Delta R.T.: -0.001 min
Response: 2404171
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

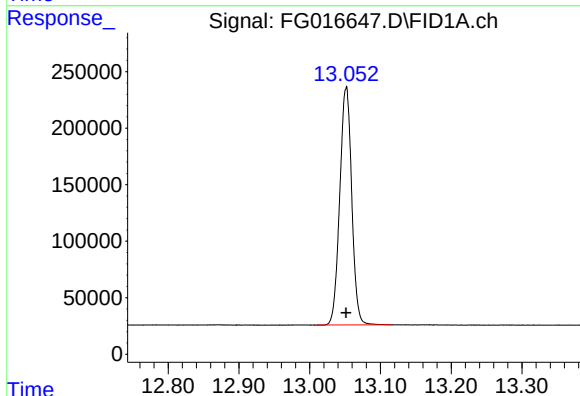
R.T.: 11.732 min
Delta R.T.: 0.000 min
Response: 2499205
Conc: 19.20 ug/ml



#9 ortho-Terphenyl (SURR)

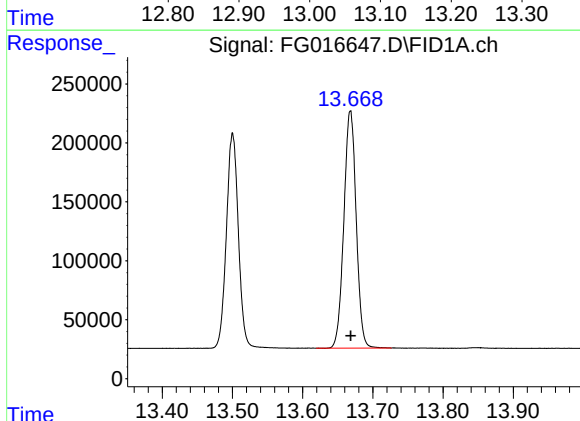
R.T.: 12.055 min
Delta R.T.: 0.000 min
Response: 2749482
Conc: 19.28 ug/ml

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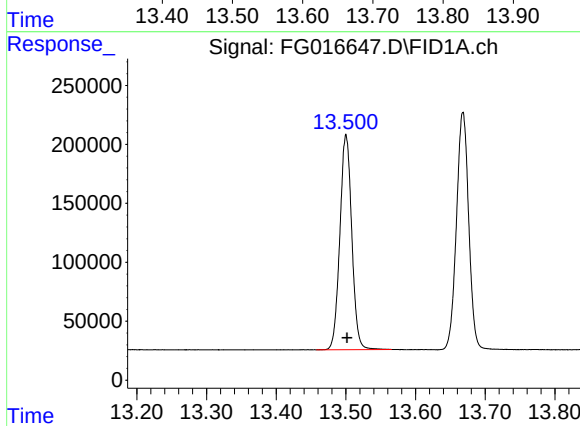
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: 0.000 min
Response: 2472696
Conc: 19.13 ug/ml



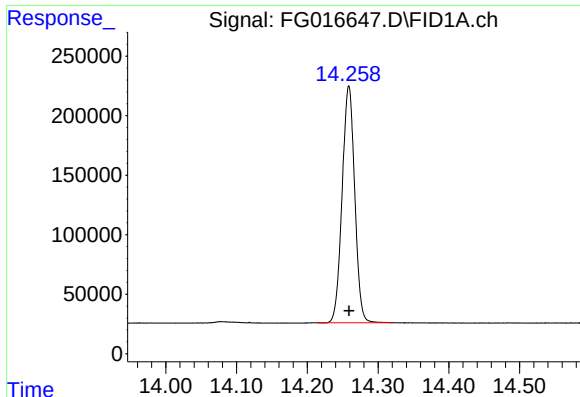
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: 0.000 min
Response: 2454999
Conc: 19.12 ug/ml



#12 1-chlorooctadecane (SURR)

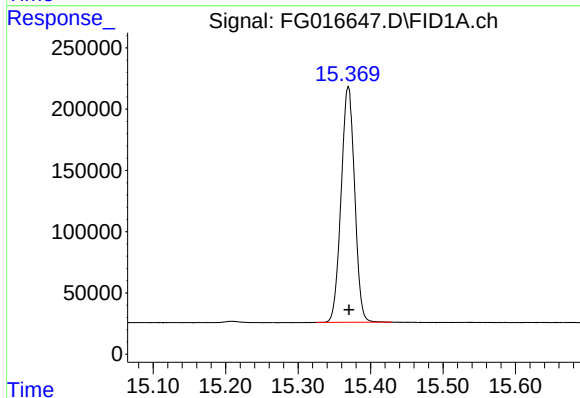
R.T.: 13.500 min
Delta R.T.: -0.002 min
Response: 2160022
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

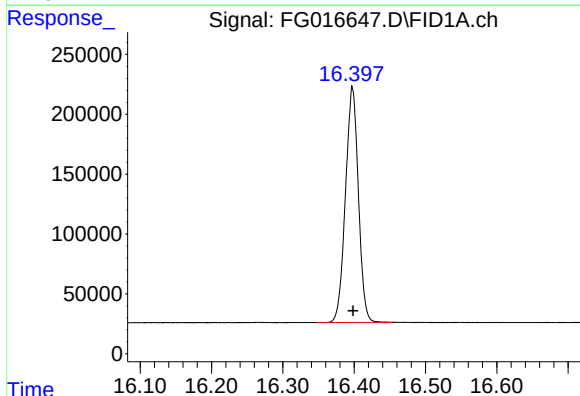
R.T.: 14.259 min
Delta R.T.: 0.000 min
Response: 2461302
Conc: 19.09 ug/ml

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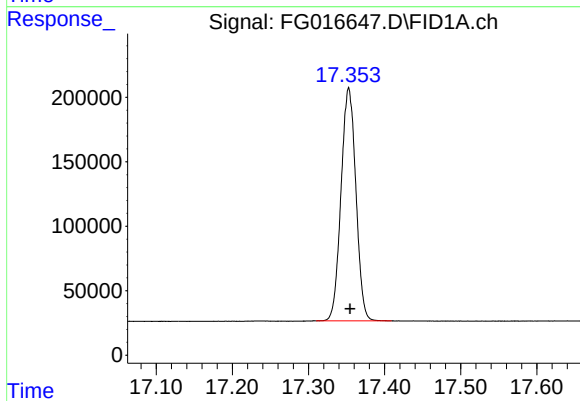
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: 0.000 min
Response: 2493623
Conc: 19.12 ug/ml



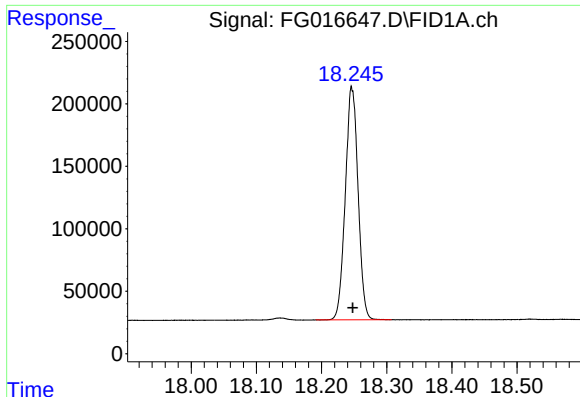
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2477877
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

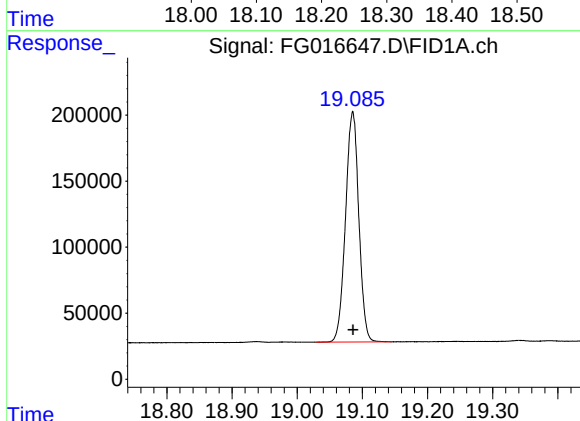
R.T.: 17.353 min
Delta R.T.: -0.002 min
Response: 2449688
Conc: 19.30 ug/ml



#17 n-Tricontane (C30)

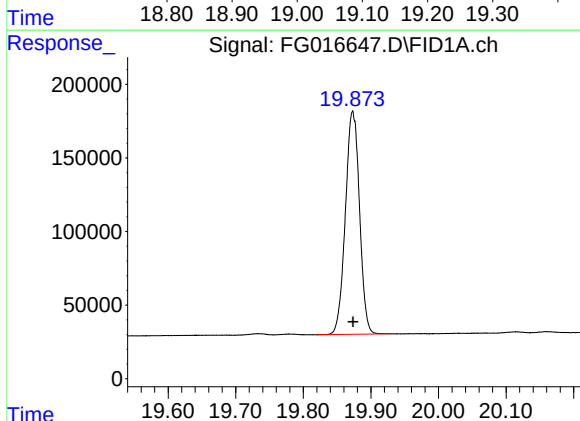
R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 2538157
Conc: 19.84 ug/ml

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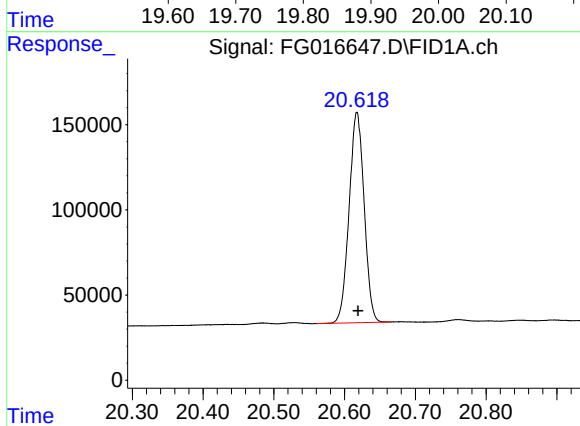
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.000 min
Response: 2470437
Conc: 20.17 ug/ml



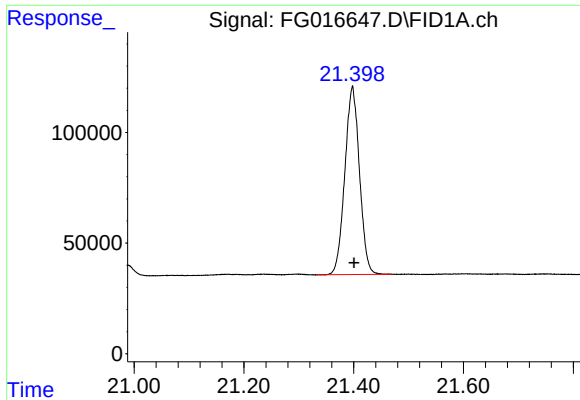
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.000 min
Response: 2202652
Conc: 20.28 ug/ml



#20 n-Hexatriacontane (C36)

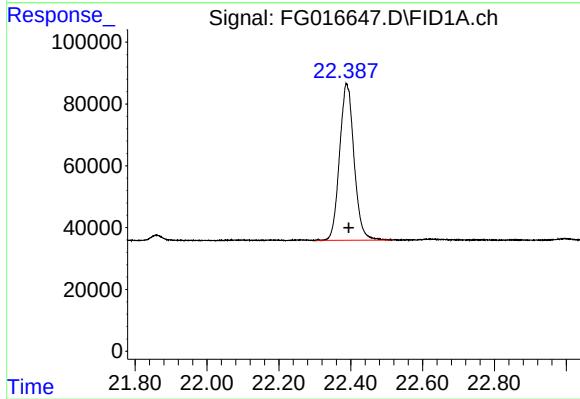
R.T.: 20.617 min
Delta R.T.: -0.002 min
Response: 1824027
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: -0.003 min
Response: 1574253
Conc: 19.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.388 min
Delta R.T.: -0.006 min
Response: 1415591
Conc: 18.35 ug/ml