

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100725AL\
 Data File : FG016759.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2025 12:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 08 04:50:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:11:55 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)	12.050	2841822	18.198 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
12) S 1-chlorooctadecane (S...	13.495	2130348	17.419 ug/ml
Spiked Amount 50.000		Recovery =	34.84%
Target Compounds			
1) T n-Nonane (C9)	3.371	2238573	18.045 ug/ml
2) T n-Decane (C10)	4.632	2286667	18.072 ug/ml
3) T A~Naphthalene (C11.7)	6.350	2410486	18.176 ug/ml
4) T n-Dodecane (C12)	6.813	2310010	18.060 ug/ml
5) T A~2-methylnaphthalene...	7.453	2251334	18.275 ug/ml
6) T n-Tetradecane (C14)	8.654	2314778	18.331 ug/ml
7) T n-Hexadecane (C16)	10.274	2459256	18.453 ug/ml
8) T n-Octadecane (C18)	11.727	2587821	18.398 ug/ml
10) T n-Eicosane (C20)	13.047	2566322	18.251 ug/ml
11) T n-Heneicosane (C21)	13.663	2541702	18.224 ug/ml
13) T n-Docosane (C22)	14.253	2594548	18.261 ug/ml
14) T n-Tetracosane (C24)	15.363	2731077	18.447 ug/ml
15) T n-Hexacosane (C26)	16.392	2756709	18.535 ug/ml
16) T n-Octacosane (C28)	17.348	2824859	19.148 ug/ml
17) T n-Tricontane (C30)	18.242	3044345	20.464 ug/ml
18) T n-Dotriacontane (C32)	19.078	3072352	21.673 ug/ml
19) T n-Tetratriacontane (C34)	19.868	2660743	21.431 ug/ml
20) T n-Hexatriacontane (C36)	20.611	2081149	20.189 ug/ml
21) T n-Octatriacontane (C38)	21.391	1674516	18.398 ug/ml
22) T n-Tetracontane (C40)	22.376	1375528	16.387 ug/ml

(f)=RT Delta > 1/2 Window

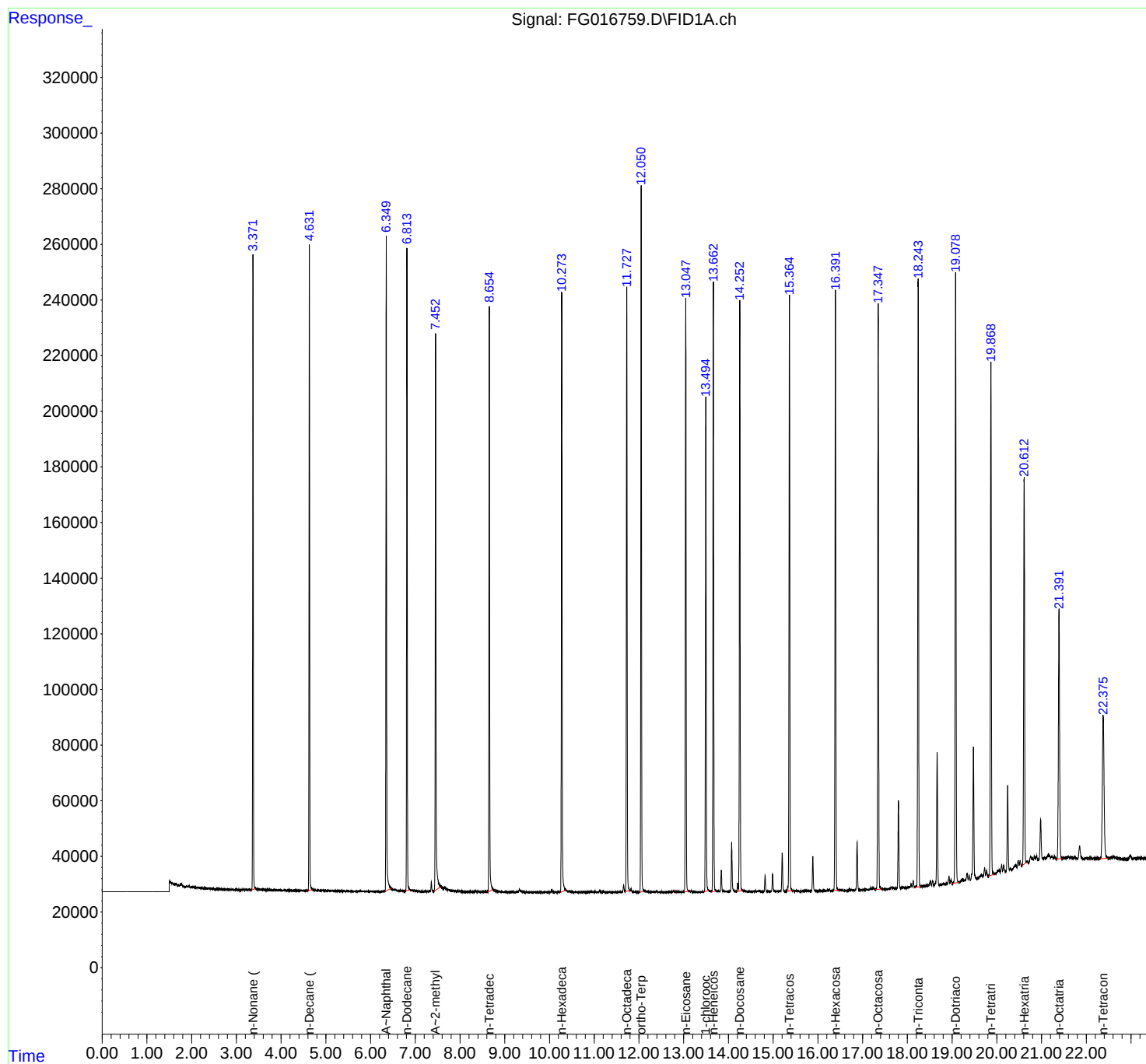
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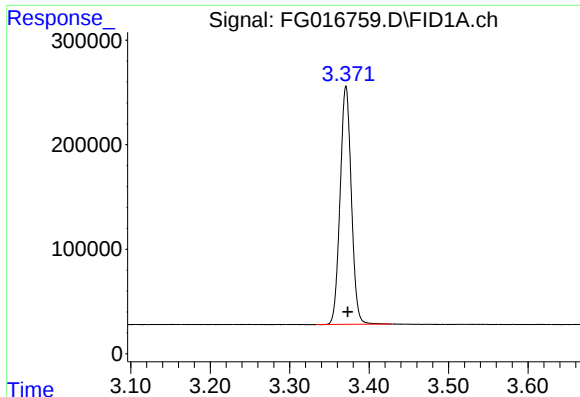
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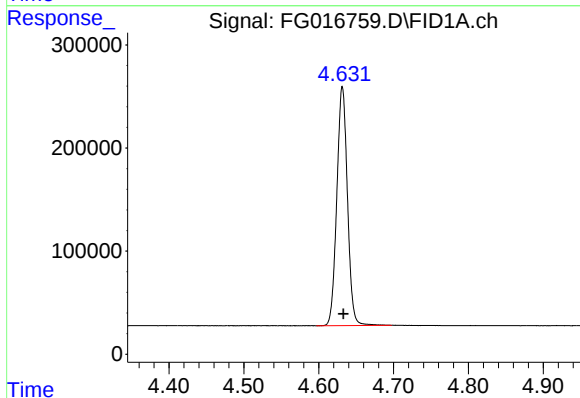




#1 n-Nonane (C9)

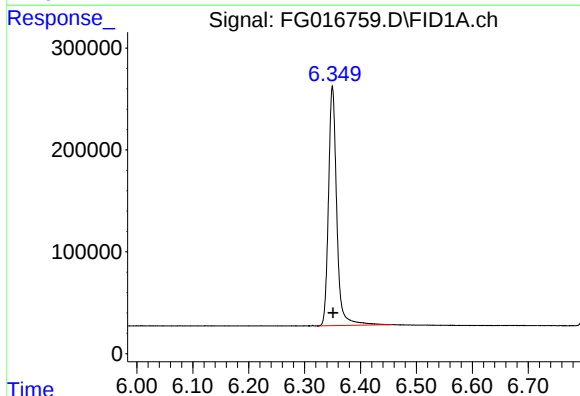
R.T.: 3.371 min
Delta R.T.: -0.002 min
Response: 2238573
Conc: 18.04 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



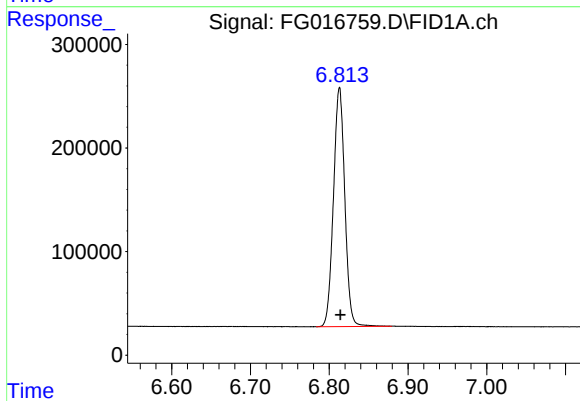
#2 n-Decane (C10)

R.T.: 4.632 min
Delta R.T.: -0.001 min
Response: 2286667
Conc: 18.07 ug/ml



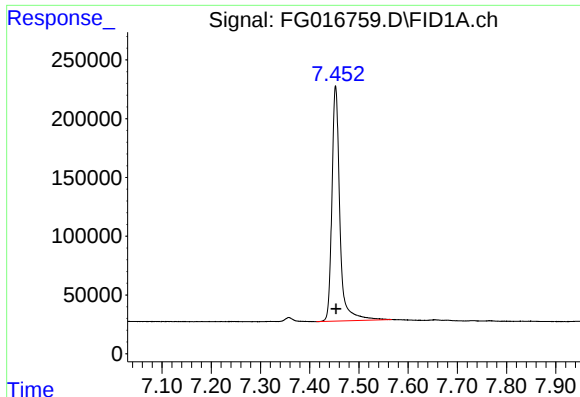
#3 A~Naphthalene (C11.7)

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 2410486
Conc: 18.18 ug/ml



#4 n-Dodecane (C12)

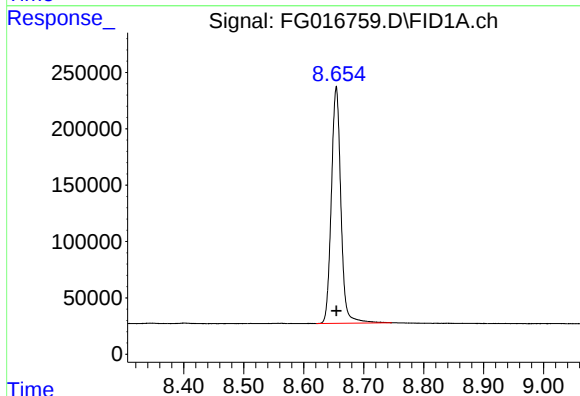
R.T.: 6.813 min
Delta R.T.: -0.001 min
Response: 2310010
Conc: 18.06 ug/ml



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

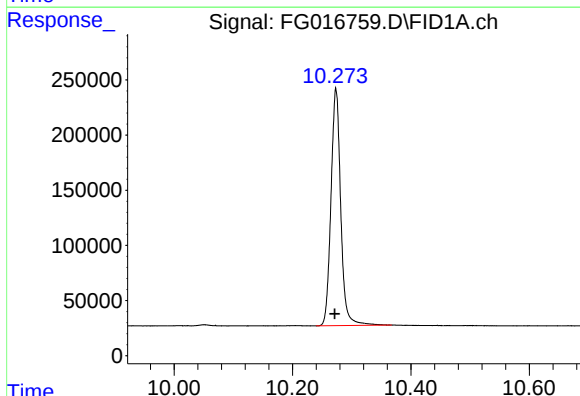
R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 2251334
Conc: 18.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



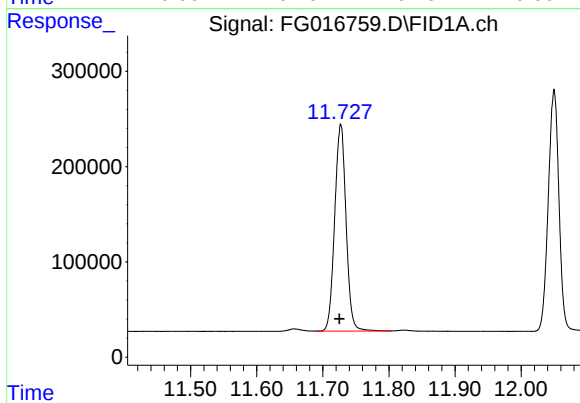
#6 n-Tetradecane (C14)

R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 2314778
Conc: 18.33 ug/ml



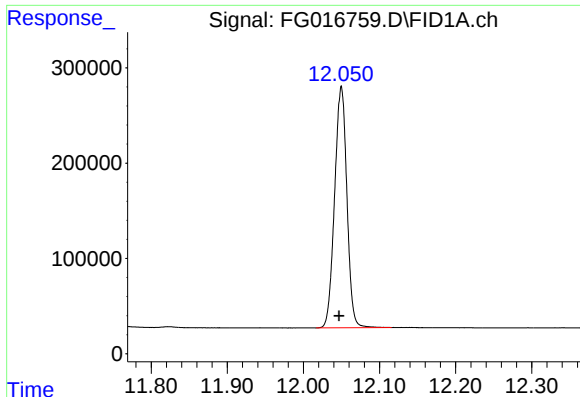
#7 n-Hexadecane (C16)

R.T.: 10.274 min
Delta R.T.: 0.002 min
Response: 2459256
Conc: 18.45 ug/ml



#8 n-Octadecane (C18)

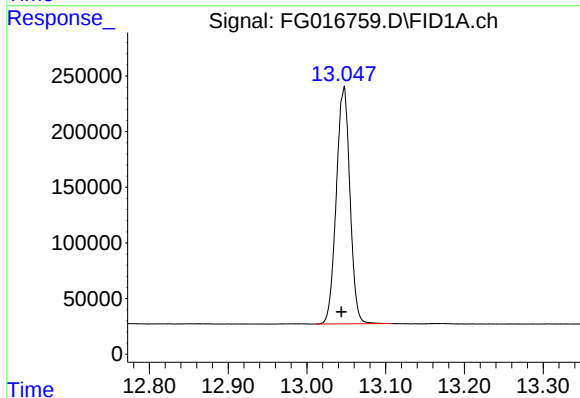
R.T.: 11.727 min
Delta R.T.: 0.002 min
Response: 2587821
Conc: 18.40 ug/ml



#9 ortho-Terphenyl (SURR)

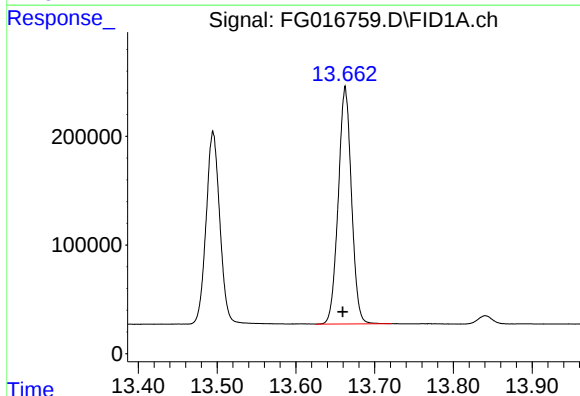
R.T.: 12.050 min
Delta R.T.: 0.003 min
Response: 2841822
Conc: 18.20 ug/ml

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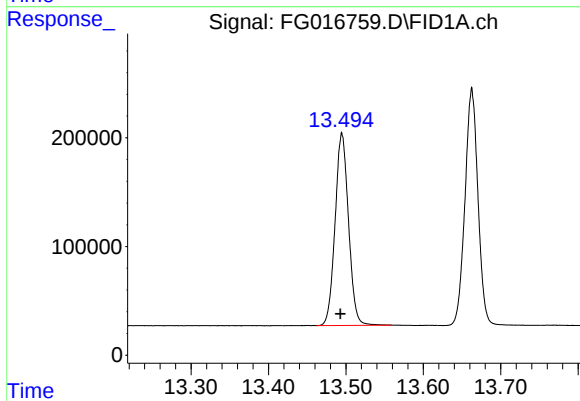
#10 n-Eicosane (C20)

R.T.: 13.047 min
Delta R.T.: 0.003 min
Response: 2566322
Conc: 18.25 ug/ml



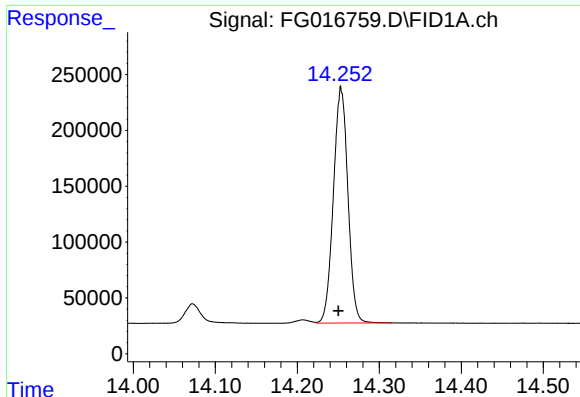
#11 n-Heneicosane (C21)

R.T.: 13.663 min
Delta R.T.: 0.003 min
Response: 2541702
Conc: 18.22 ug/ml



#12 1-chlorooctadecane (SURR)

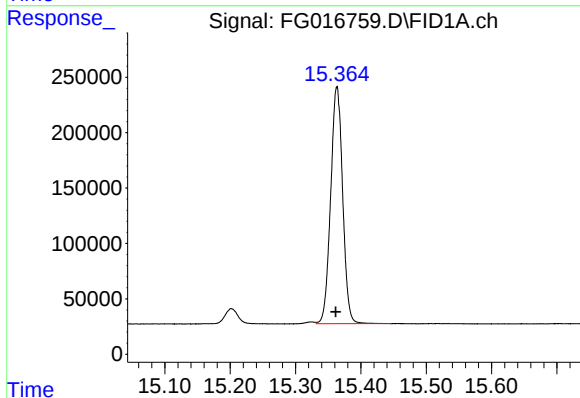
R.T.: 13.495 min
Delta R.T.: 0.002 min
Response: 2130348
Conc: 17.42 ug/ml



#13 n-Docosane (C22)

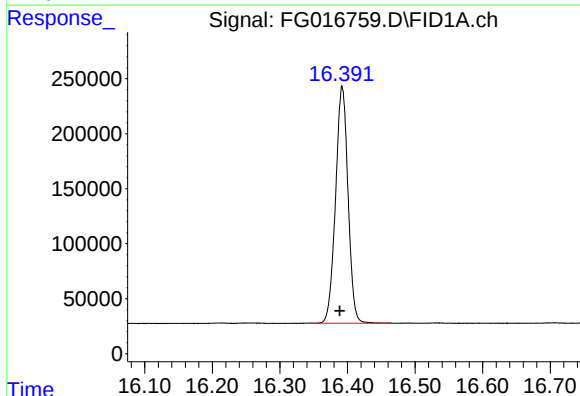
R.T.: 14.253 min
Delta R.T.: 0.003 min
Response: 2594548
Conc: 18.26 ug/ml

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20 PPM ALIPHATIC HC STD



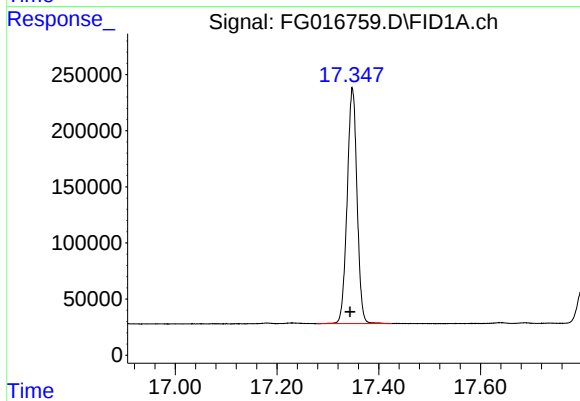
#14 n-Tetracosane (C24)

R.T.: 15.363 min
Delta R.T.: 0.002 min
Response: 2731077
Conc: 18.45 ug/ml



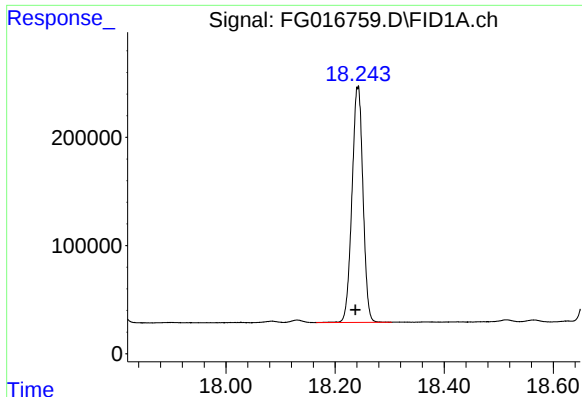
#15 n-Hexacosane (C26)

R.T.: 16.392 min
Delta R.T.: 0.004 min
Response: 2756709
Conc: 18.53 ug/ml



#16 n-Octacosane (C28)

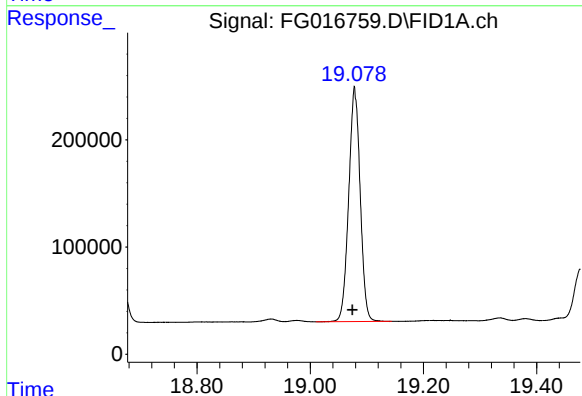
R.T.: 17.348 min
Delta R.T.: 0.004 min
Response: 2824859
Conc: 19.15 ug/ml



#17 n-Tricontane (C30)

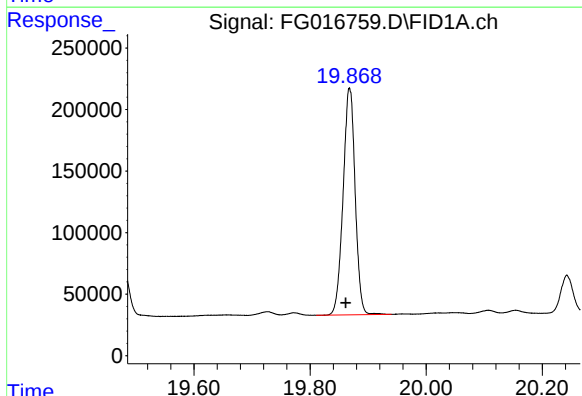
R.T.: 18.242 min
Delta R.T.: 0.005 min
Response: 3044345
Conc: 20.46 ug/ml

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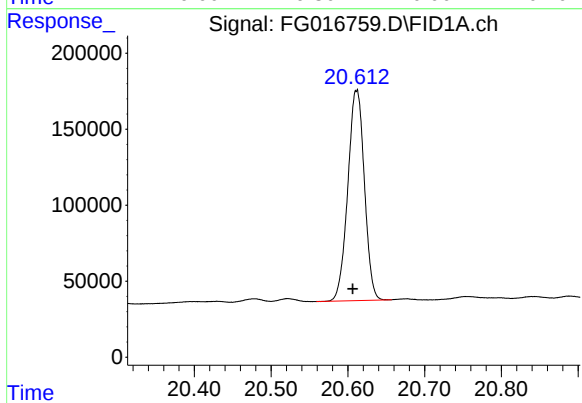
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: 0.004 min
Response: 3072352
Conc: 21.67 ug/ml



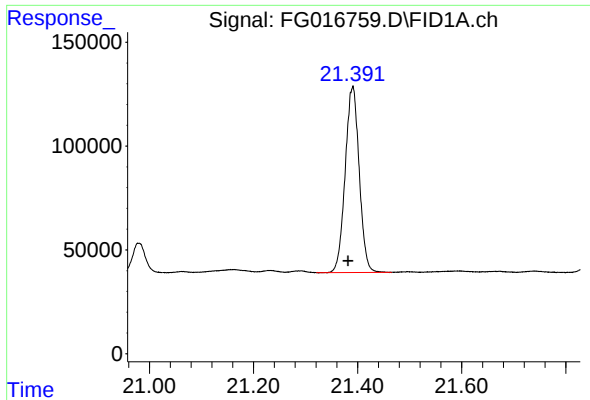
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.006 min
Response: 2660743
Conc: 21.43 ug/ml



#20 n-Hexatriacontane (C36)

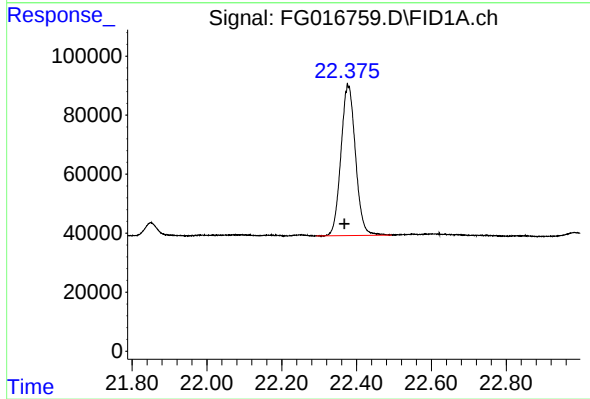
R.T.: 20.611 min
Delta R.T.: 0.005 min
Response: 2081149
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: 0.009 min
Response: 1674516
Conc: 18.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: 0.009 min
Response: 1375528
Conc: 16.39 ug/ml