

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092425AL\
 Data File : FG016634.D
 Signal(s) : FID1A.ch
 Acq On : 24 Sep 2025 17:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 25 01:51:07 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)	12.056	2773621	19.446 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	13.501	2192831	19.428 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
Target Compounds			
1) T n-Nonane (C9)	3.379	2200613	19.392 ug/ml
2) T n-Decane (C10)	4.639	2242809	19.392 ug/ml
3) T A~Naphthalene (C11.7)	6.358	2408965	19.539 ug/ml
4) T n-Dodecane (C12)	6.821	2280477	19.429 ug/ml
5) T A~2-methylnaphthalene...	7.461	2301680	19.898 ug/ml
6) T n-Tetradecane (C14)	8.661	2310389	19.693 ug/ml
7) T n-Hexadecane (C16)	10.281	2438706	19.682 ug/ml
8) T n-Octadecane (C18)	11.734	2542416	19.530 ug/ml
10) T n-Eicosane (C20)	13.052	2515236	19.456 ug/ml
11) T n-Heneicosane (C21)	13.669	2496010	19.437 ug/ml
13) T n-Docosane (C22)	14.260	2508199	19.452 ug/ml
14) T n-Tetracosane (C24)	15.370	2538335	19.462 ug/ml
15) T n-Hexacosane (C26)	16.399	2518296	19.508 ug/ml
16) T n-Octacosane (C28)	17.355	2494272	19.655 ug/ml
17) T n-Tricontane (C30)	18.249	2591938	20.257 ug/ml
18) T n-Dotriacontane (C32)	19.085	2537365	20.718 ug/ml
19) T n-Tetratriacontane (C34)	19.874	2242551	20.643 ug/ml
20) T n-Hexatriacontane (C36)	20.618	1842739	20.278 ug/ml
21) T n-Octatriacontane (C38)	21.398	1597162	19.611 ug/ml
22) T n-Tetracontane (C40)	22.392	1442149	18.695 ug/ml

(f)=RT Delta > 1/2 Window

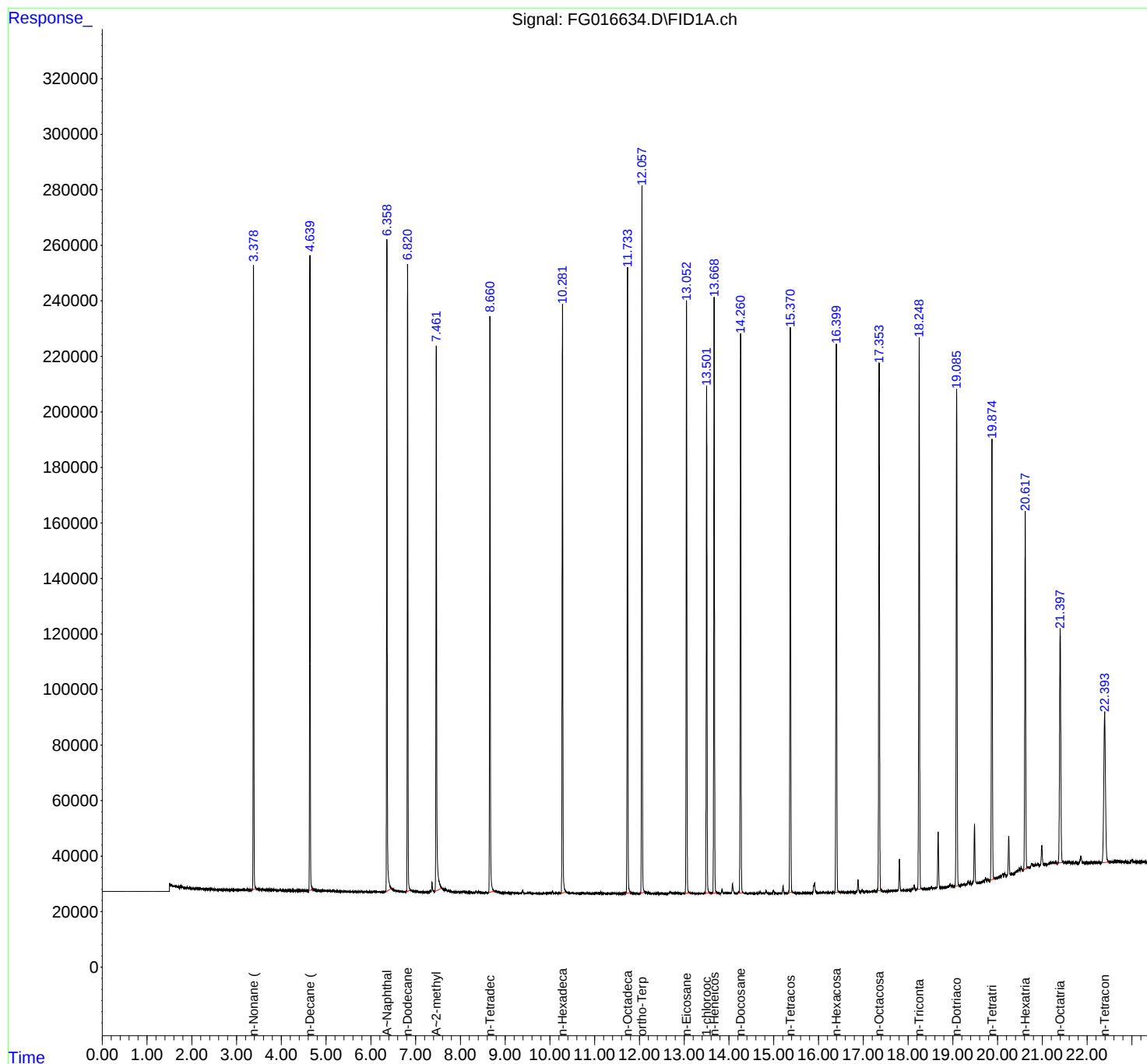
(m)=manual int.

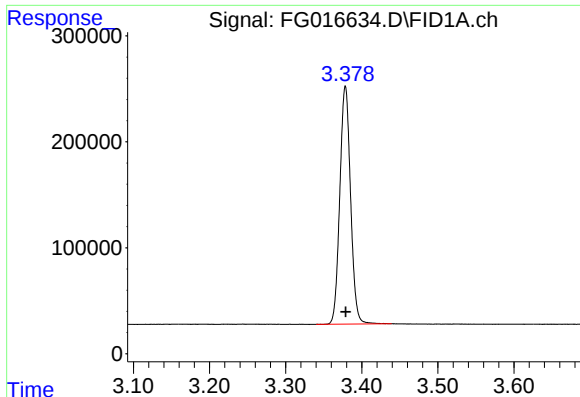
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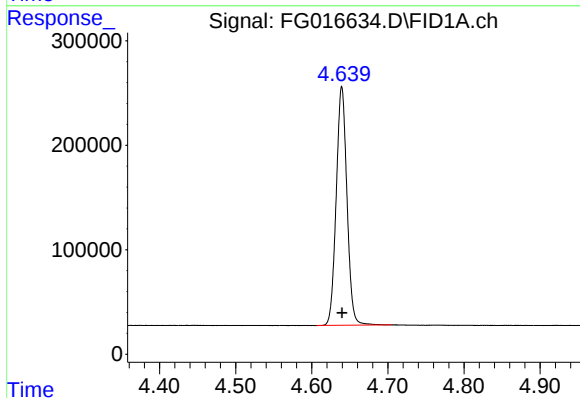




#1 n-Nonane (C9)

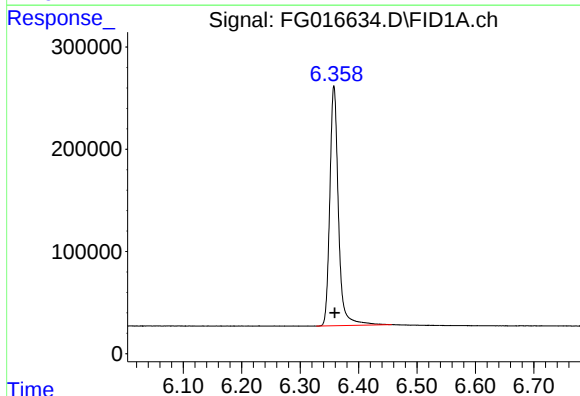
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 2200613
Conc: 19.39 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



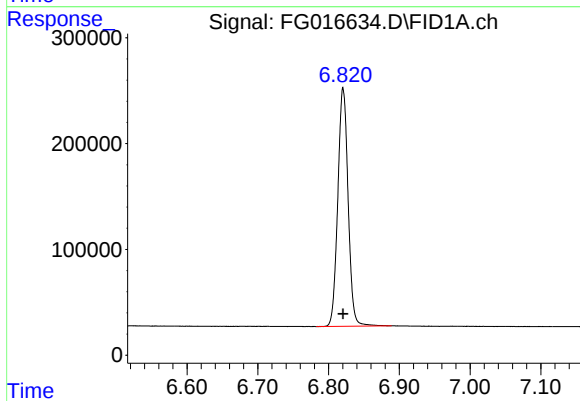
#2 n-Decane (C10)

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 2242809
Conc: 19.39 ug/ml



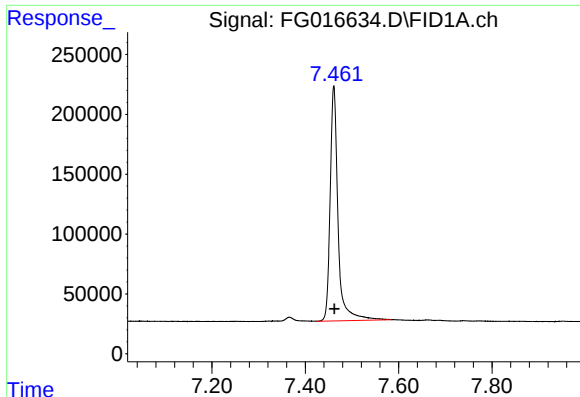
#3 A~Naphthalene (C11.7)

R.T.: 6.358 min
Delta R.T.: -0.001 min
Response: 2408965
Conc: 19.54 ug/ml



#4 n-Dodecane (C12)

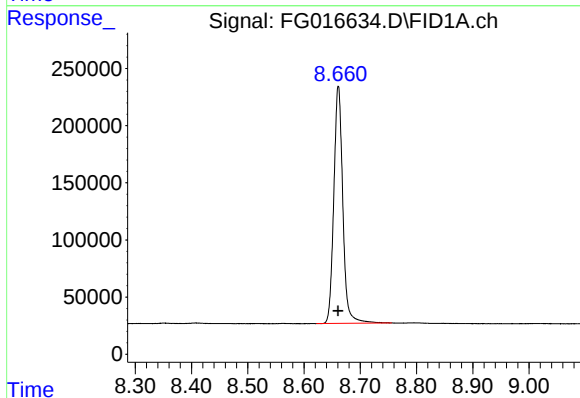
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 2280477
Conc: 19.43 ug/ml



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

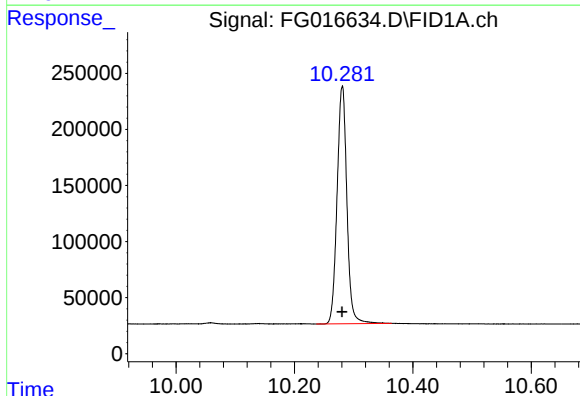
R.T.: 7.461 min
Delta R.T.: -0.001 min
Response: 2301680
Conc: 19.90 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



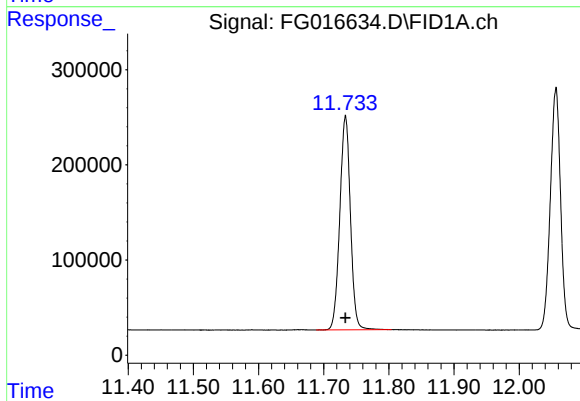
#6 n-Tetradecane (C14)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 2310389
Conc: 19.69 ug/ml



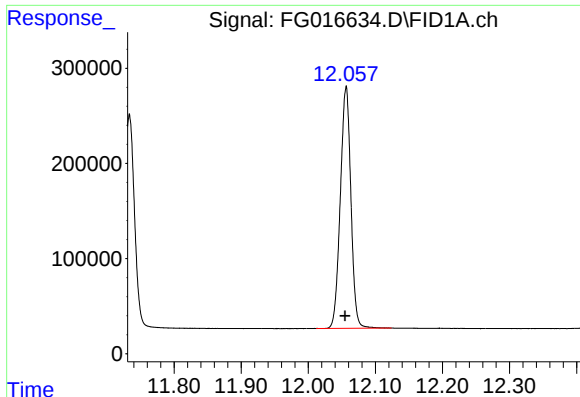
#7 n-Hexadecane (C16)

R.T.: 10.281 min
Delta R.T.: 0.000 min
Response: 2438706
Conc: 19.68 ug/ml



#8 n-Octadecane (C18)

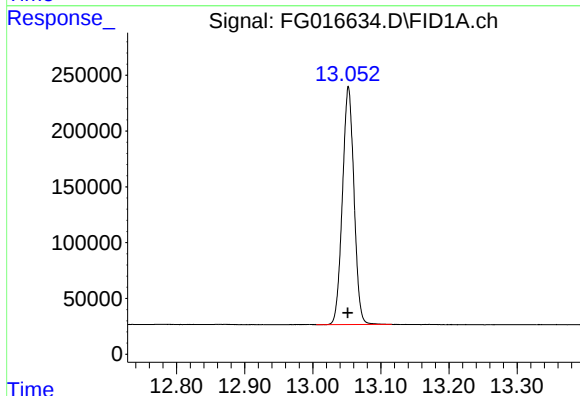
R.T.: 11.734 min
Delta R.T.: 0.000 min
Response: 2542416
Conc: 19.53 ug/ml



#9 ortho-Terphenyl (SURR)

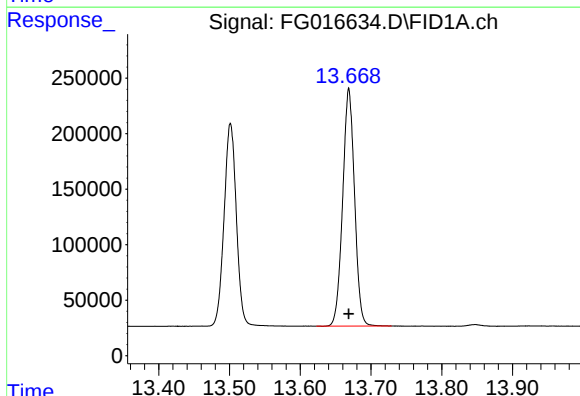
R.T.: 12.056 min
Delta R.T.: 0.002 min
Response: 2773621
Conc: 19.45 ug/ml

Instrument :
FID_G
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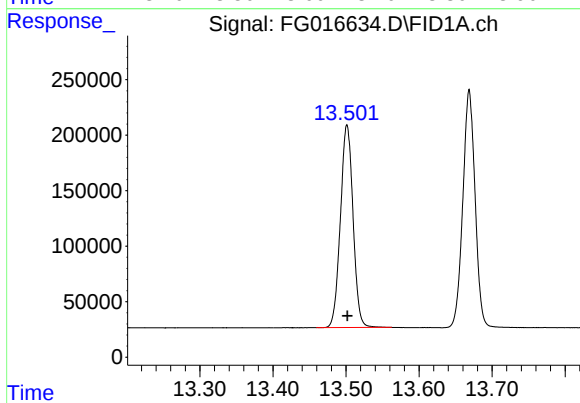
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: 0.000 min
Response: 2515236
Conc: 19.46 ug/ml



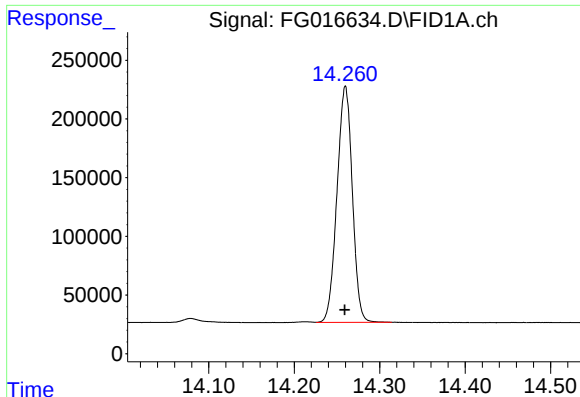
#11 n-Heneicosane (C21)

R.T.: 13.669 min
Delta R.T.: 0.000 min
Response: 2496010
Conc: 19.44 ug/ml



#12 1-chlorooctadecane (SURR)

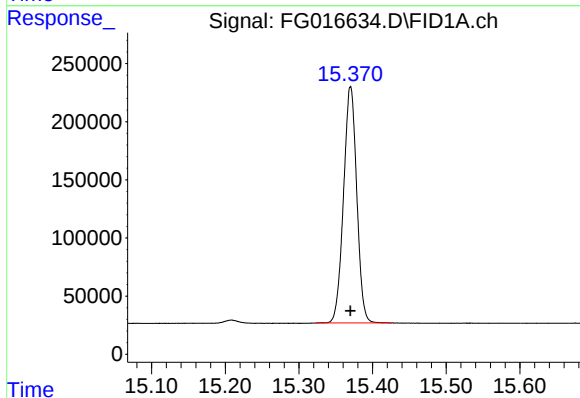
R.T.: 13.501 min
Delta R.T.: 0.000 min
Response: 2192831
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

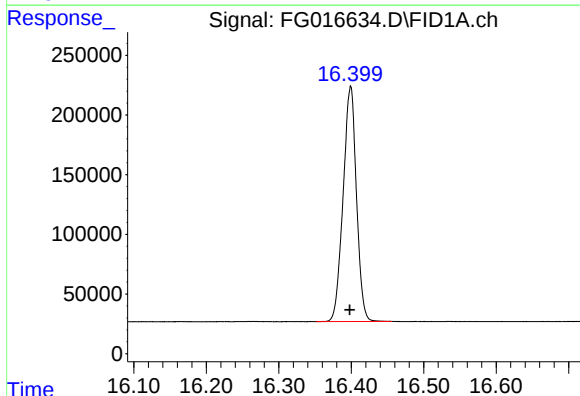
R.T.: 14.260 min
Delta R.T.: 0.000 min
Response: 2508199
Conc: 19.45 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



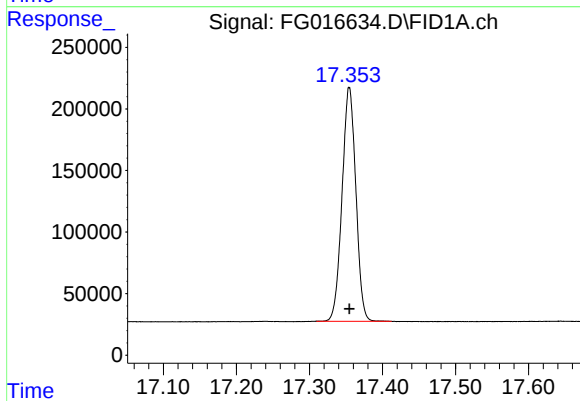
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.000 min
Response: 2538335
Conc: 19.46 ug/ml



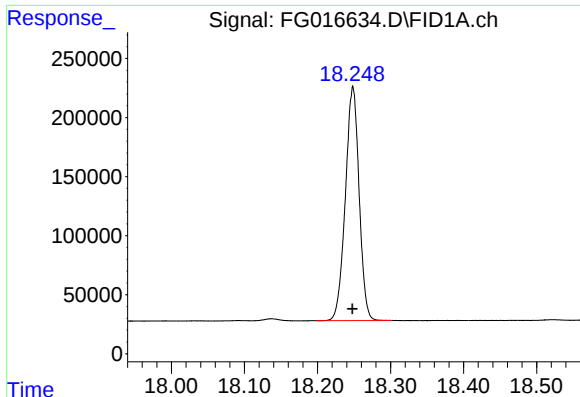
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: 0.001 min
Response: 2518296
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

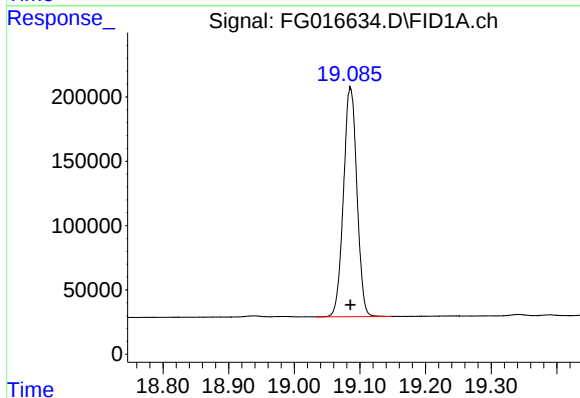
R.T.: 17.355 min
Delta R.T.: 0.000 min
Response: 2494272
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

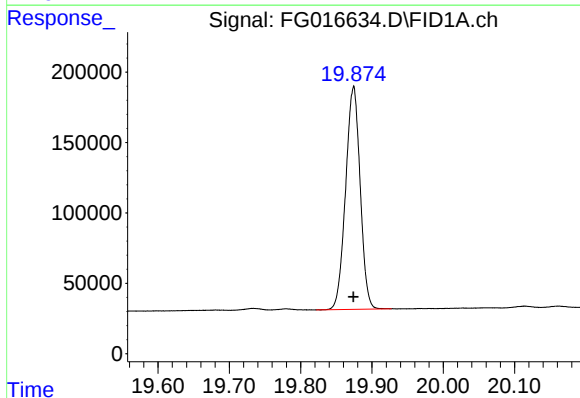
R.T.: 18.249 min
Delta R.T.: 0.000 min
Response: 2591938
Conc: 20.26 ug/ml

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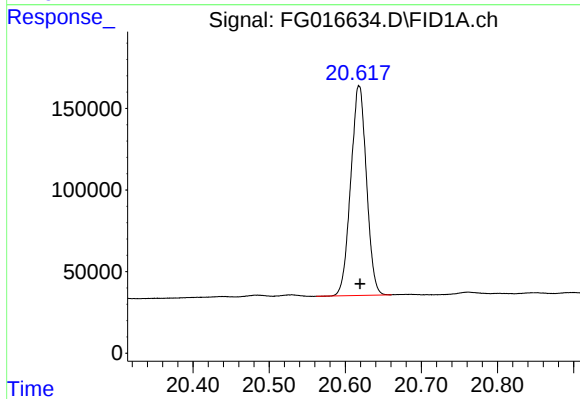
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.000 min
Response: 2537365
Conc: 20.72 ug/ml



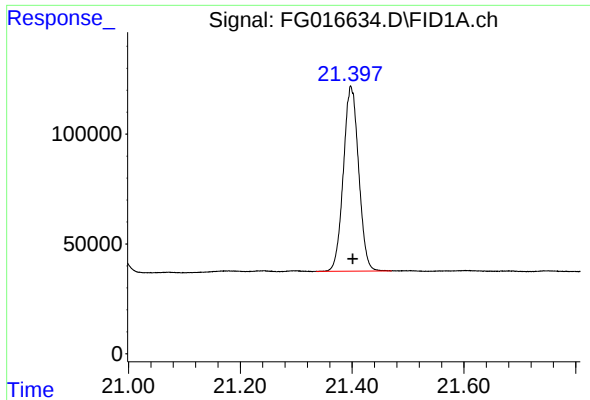
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: 0.000 min
Response: 2242551
Conc: 20.64 ug/ml



#20 n-Hexatriacontane (C36)

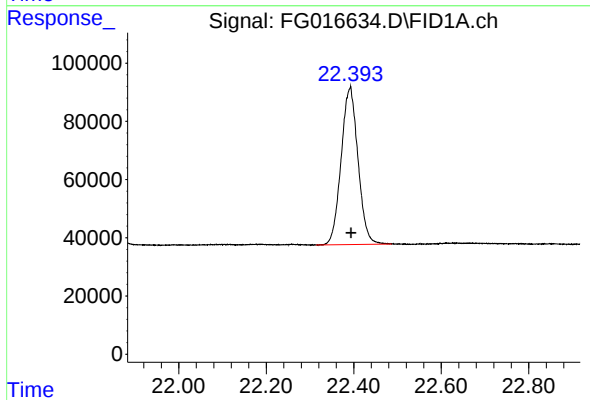
R.T.: 20.618 min
Delta R.T.: -0.001 min
Response: 1842739
Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: -0.003 min
Response: 1597162
Conc: 19.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: -0.002 min
Response: 1442149
Conc: 18.70 ug/ml