

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AL\
 Data File : FG017182.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2025 20:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 17 04:40:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 04:37:43 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)	12.032	2960248	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.478	2270379	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.355	2235289	20.000 ug/ml
2) T n-Decane (C10)	4.616	2259961	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.336	2390220	20.000 ug/ml
4) T n-Dodecane (C12)	6.797	2287897	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.440	2345588	20.000 ug/ml
6) T n-Tetradecane (C14)	8.637	2261828	20.000 ug/ml
7) T n-Hexadecane (C16)	10.255	2306209	20.000 ug/ml
8) T n-Octadecane (C18)	11.709	2376199	20.000 ug/ml
10) T n-Eicosane (C20)	13.028	2420085	20.000 ug/ml
11) T n-Heneicosane (C21)	13.645	2435429	20.000 ug/ml
13) T n-Docosane (C22)	14.235	2448353	20.000 ug/ml
14) T n-Tetracosane (C24)	15.347	2473691	20.000 ug/ml
15) T n-Hexacosane (C26)	16.375	2493509	20.000 ug/ml
16) T n-Octacosane (C28)	17.330	2516292	20.000 ug/ml
17) T n-Tricontane (C30)	18.225	2551948	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.063	2454758	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.852	2261018	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2102873	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.372	1964346	20.000 ug/ml
22) T n-Tetracontane (C40)	22.353	1879441	20.000 ug/ml

(f)=RT Delta > 1/2 Window

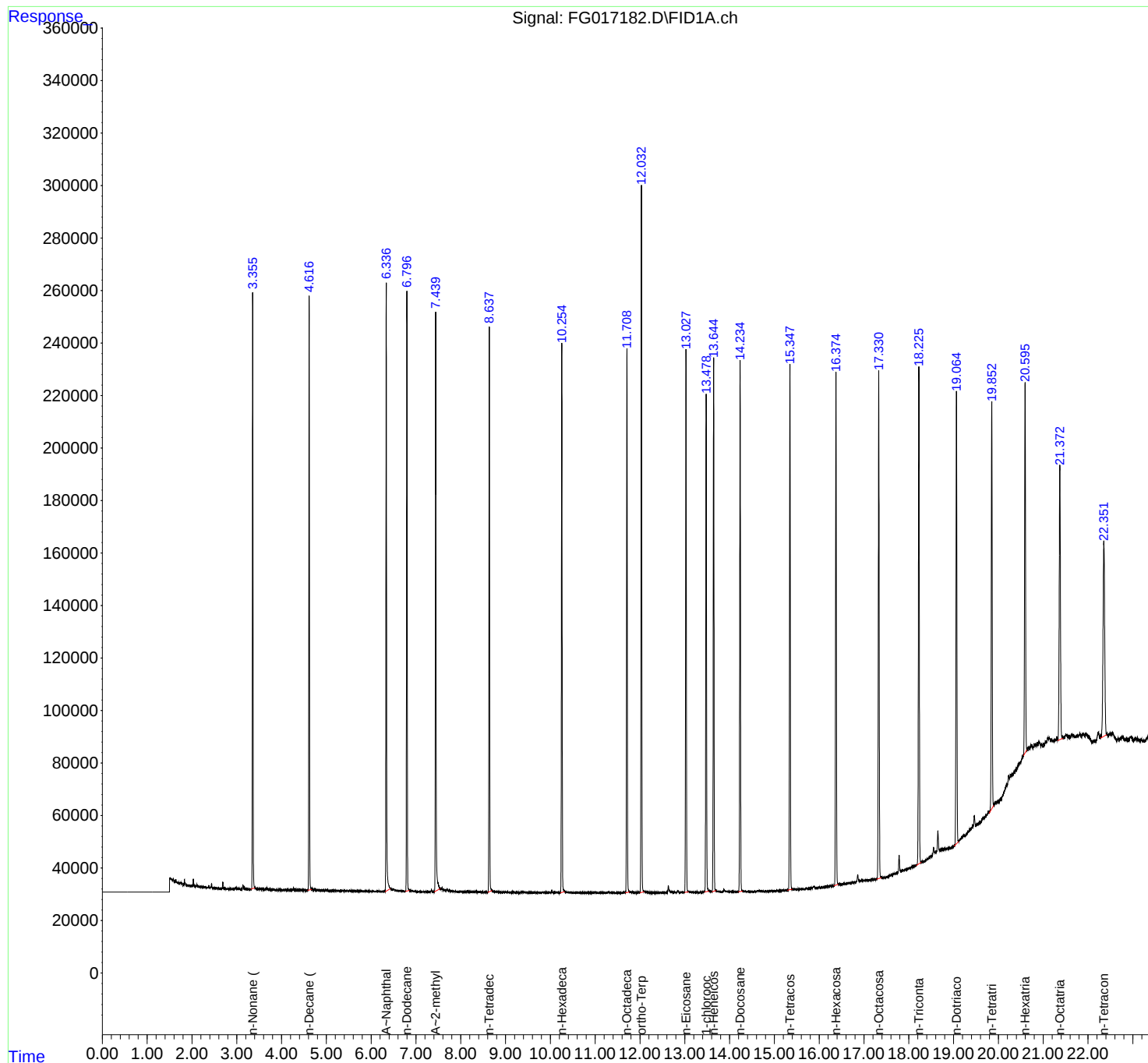
(m)=manual int.

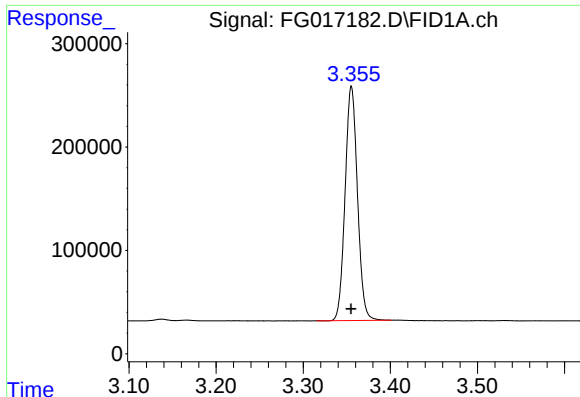
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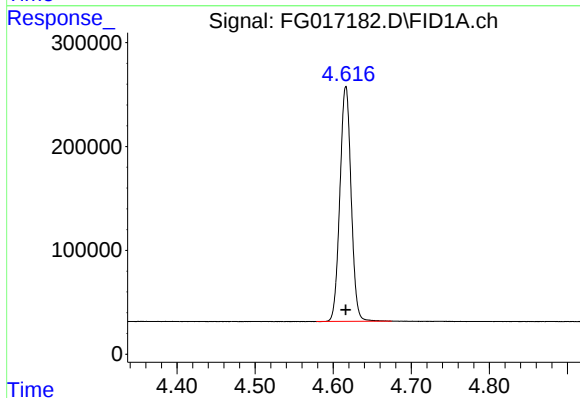




#1 n-Nonane (C9)

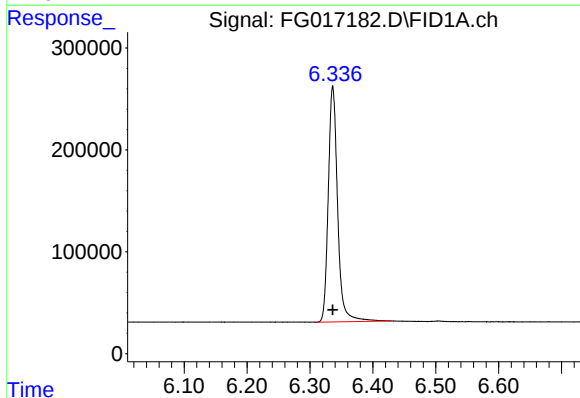
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 2235289
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



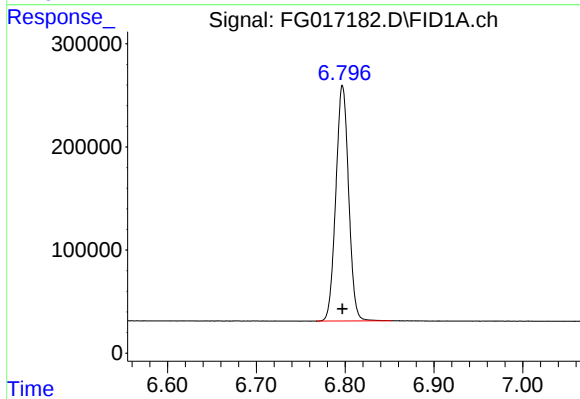
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 2259961
Conc: 20.00 ug/ml



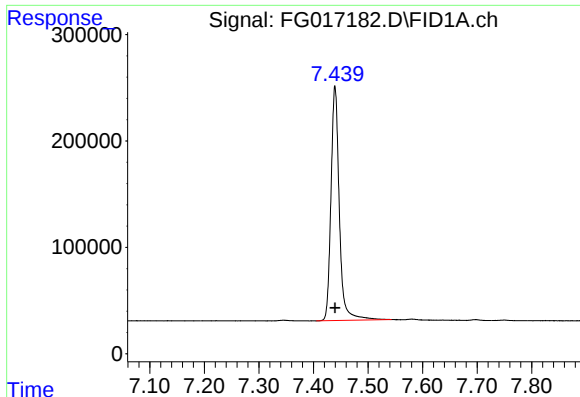
#3 A~Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 2390220
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

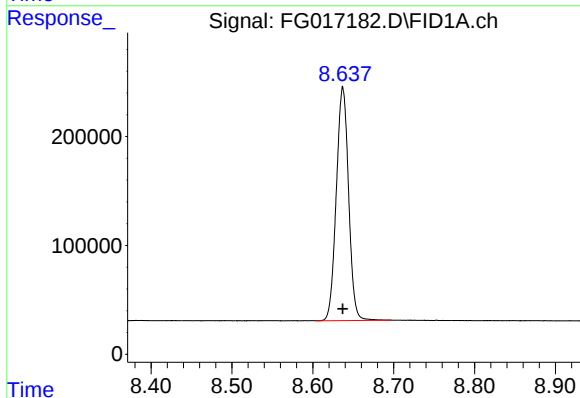
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 2287897
Conc: 20.00 ug/ml



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

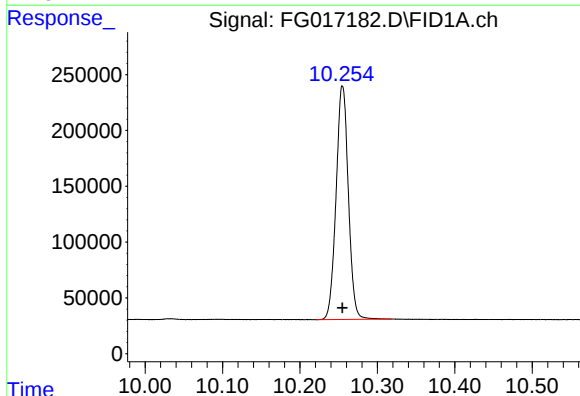
R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 2345588
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



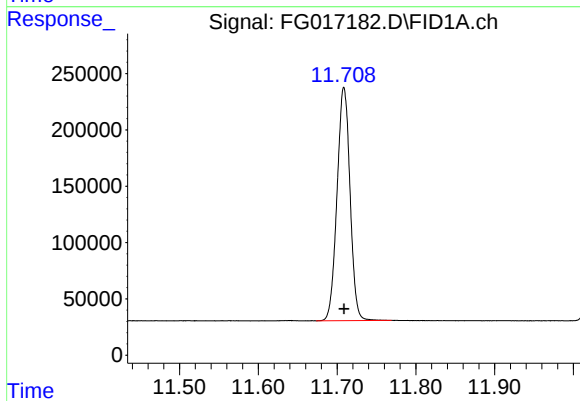
#6 n-Tetradecane (C14)

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 2261828
Conc: 20.00 ug/ml



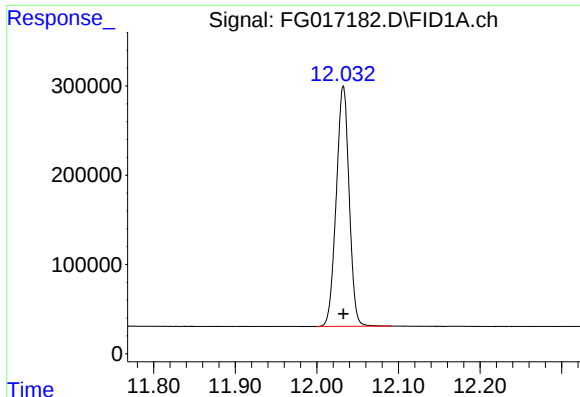
#7 n-Hexadecane (C16)

R.T.: 10.255 min
Delta R.T.: 0.000 min
Response: 2306209
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

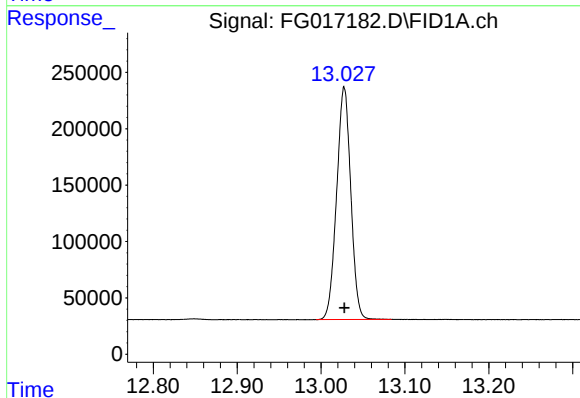
R.T.: 11.709 min
Delta R.T.: 0.000 min
Response: 2376199
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

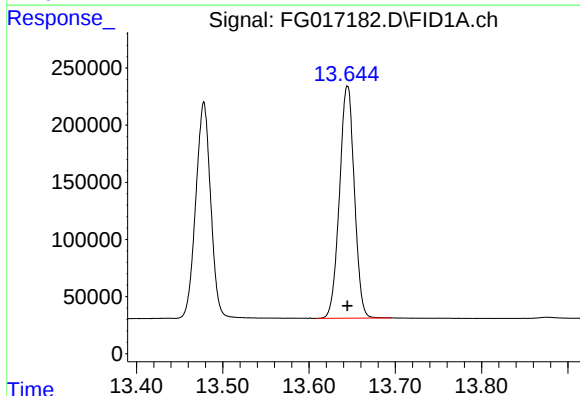
R.T.: 12.032 min
Delta R.T.: 0.000 min
Response: 2960248
Conc: 20.00 ug/ml

Instrument :
FID_G
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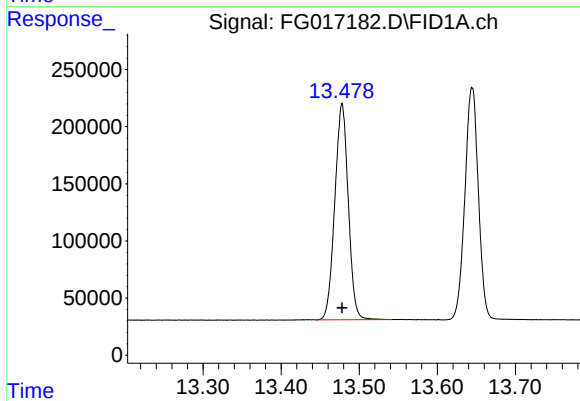
#10 n-Eicosane (C20)

R.T.: 13.028 min
Delta R.T.: 0.000 min
Response: 2420085
Conc: 20.00 ug/ml



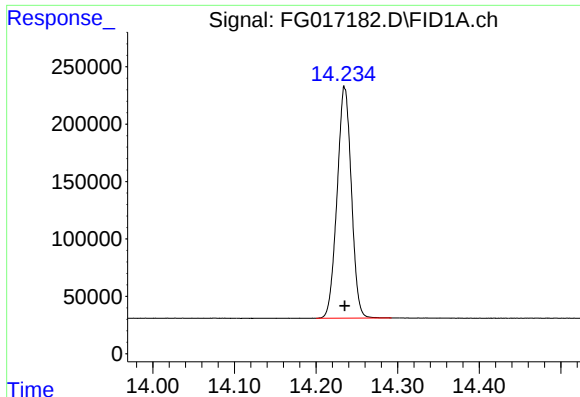
#11 n-Heneicosane (C21)

R.T.: 13.645 min
Delta R.T.: 0.000 min
Response: 2435429
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

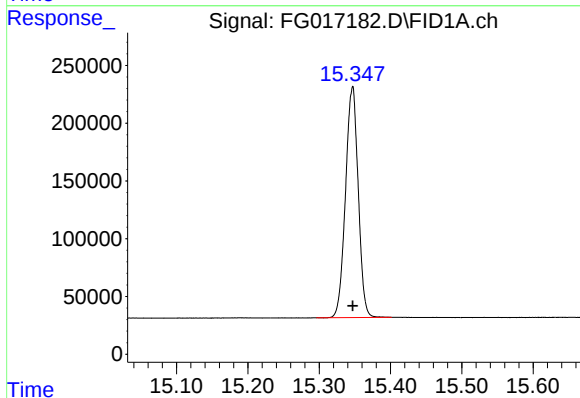
R.T.: 13.478 min
Delta R.T.: 0.000 min
Response: 2270379
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

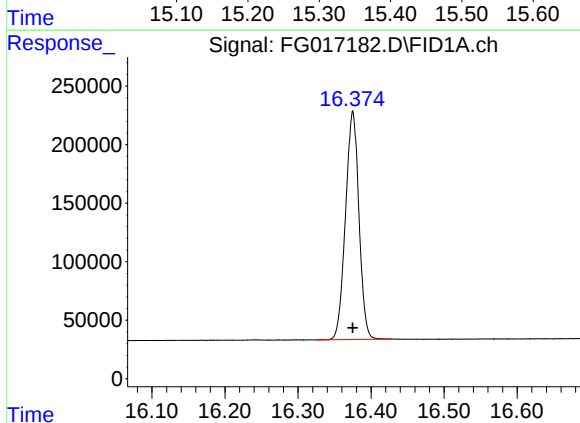
R.T.: 14.235 min
Delta R.T.: 0.000 min
Response: 2448353
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



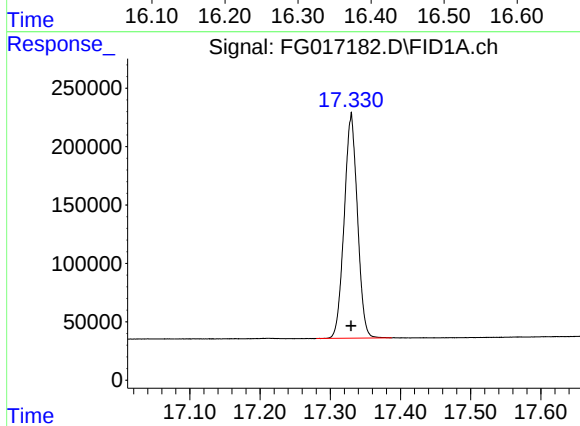
#14 n-Tetracosane (C24)

R.T.: 15.347 min
Delta R.T.: 0.000 min
Response: 2473691
Conc: 20.00 ug/ml



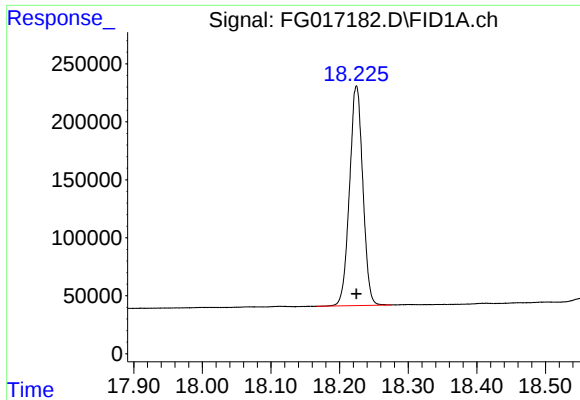
#15 n-Hexacosane (C26)

R.T.: 16.375 min
Delta R.T.: 0.000 min
Response: 2493509
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

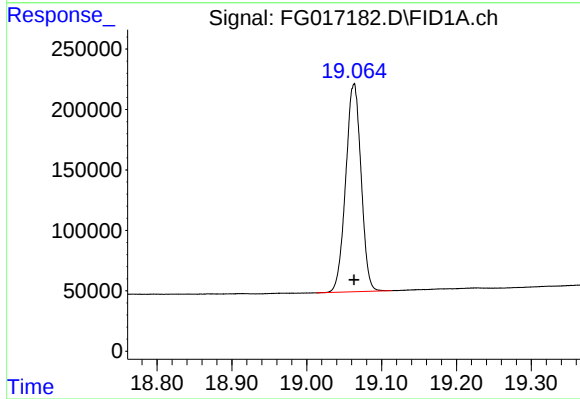
R.T.: 17.330 min
Delta R.T.: 0.000 min
Response: 2516292
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

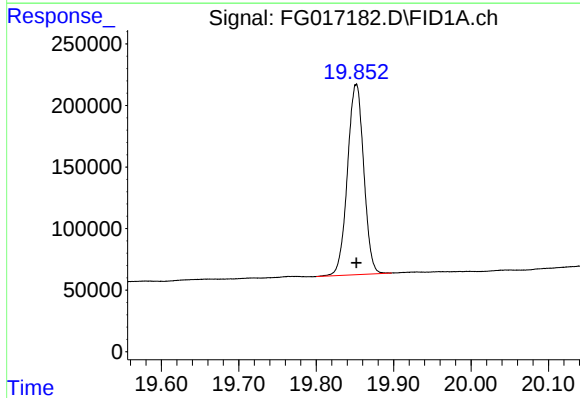
R.T.: 18.225 min
Delta R.T.: 0.000 min
Response: 2551948
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



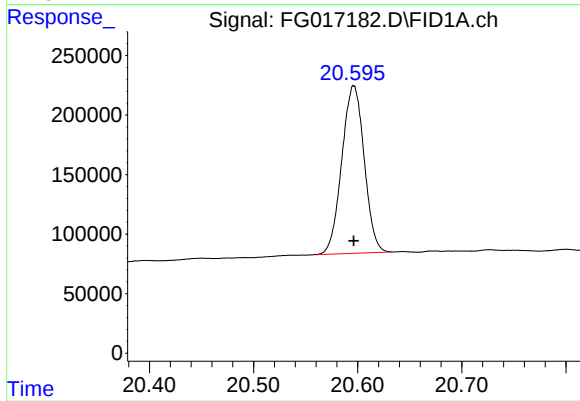
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: 0.000 min
Response: 2454758
Conc: 20.00 ug/ml



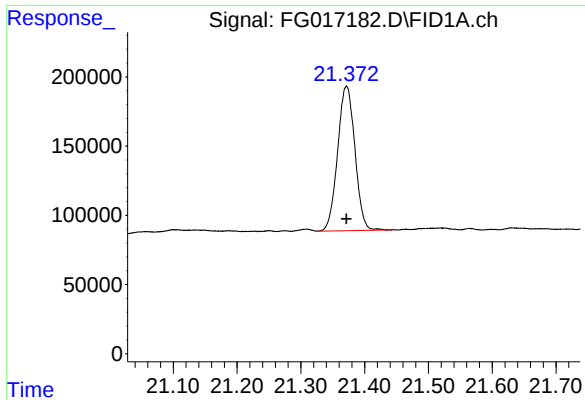
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: 0.000 min
Response: 2261018
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

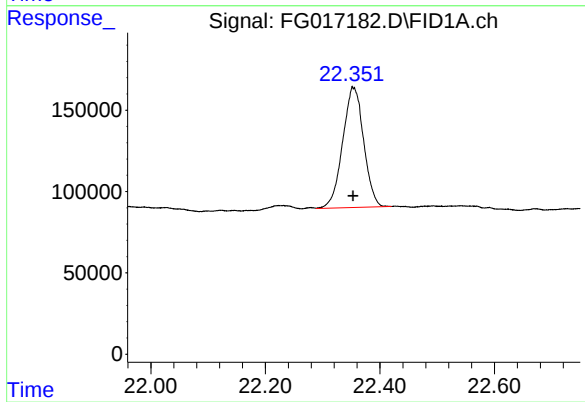
R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 2102873
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: 0.000 min
Response: 1964346
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.353 min
Delta R.T.: 0.000 min
Response: 1879441
Conc: 20.00 ug/ml