

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017024.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 22:41
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 01 08:46:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:45:04 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)	12.028	1603130	9.830 ug/ml
Spiked Amount 50.000		Recovery =	19.66%
12) S 1-chlorooctadecane (S...	13.474	1195581	9.675 ug/ml
Spiked Amount 50.000		Recovery =	19.35%
Target Compounds			
1) T n-Nonane (C9)	3.356	1266349	9.794 ug/ml
2) T n-Decane (C10)	4.617	1279667	9.623 ug/ml
3) T A~Naphthalene (C11.7)	6.336	1238463	9.092 ug/ml
4) T n-Dodecane (C12)	6.797	1307282	9.658 ug/ml
5) T A~2-methylnaphthalene...	7.439	1100004	8.727 ug/ml
6) T n-Tetradecane (C14)	8.635	1277231	9.547 ug/ml
7) T n-Hexadecane (C16)	10.254	1303429	9.364 ug/ml
8) T n-Octadecane (C18)	11.706	1392377	9.562 ug/ml
10) T n-Eicosane (C20)	13.024	1422671	9.845 ug/ml
11) T n-Heneicosane (C21)	13.641	1411133	9.851 ug/ml
13) T n-Docosane (C22)	14.232	1431152	10.074 ug/ml
14) T n-Tetracosane (C24)	15.343	1484401	10.517 ug/ml
15) T n-Hexacosane (C26)	16.371	1463874	10.615 ug/ml
16) T n-Octacosane (C28)	17.327	1487269	10.774 ug/ml
17) T n-Tricontane (C30)	18.220	1610755	10.808 ug/ml
18) T n-Dotriacontane (C32)	19.058	1651686	10.943 ug/ml
19) T n-Tetratriacontane (C34)	19.847	1444829	10.700 ug/ml
20) T n-Hexatriacontane (C36)	20.591	1142118	10.373 ug/ml
21) T n-Octatriacontane (C38)	21.364	998372	10.430 ug/ml
22) T n-Tetracontane (C40)	22.348	884418	10.318 ug/ml

(f)=RT Delta > 1/2 Window

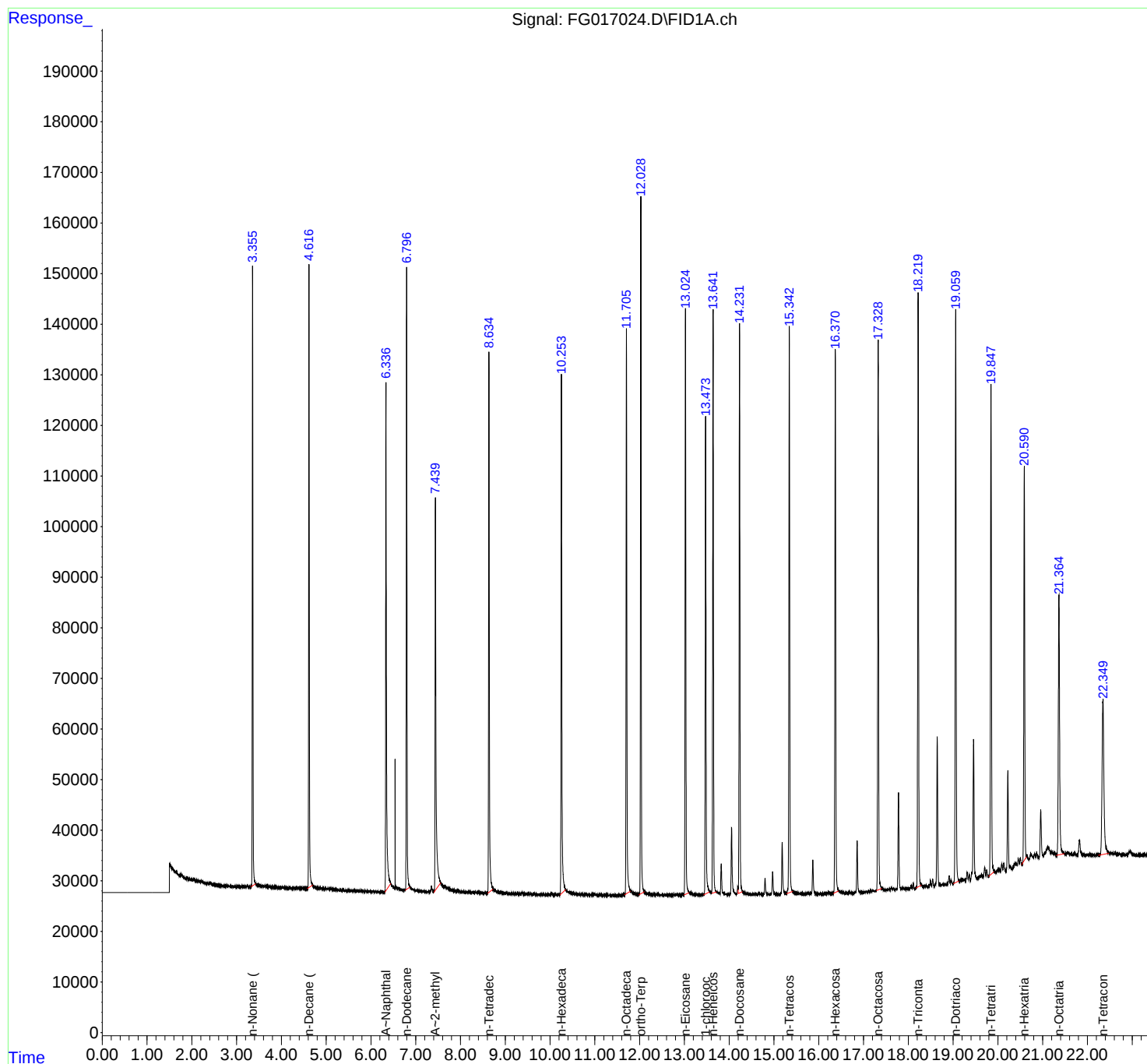
(m)=manual int.

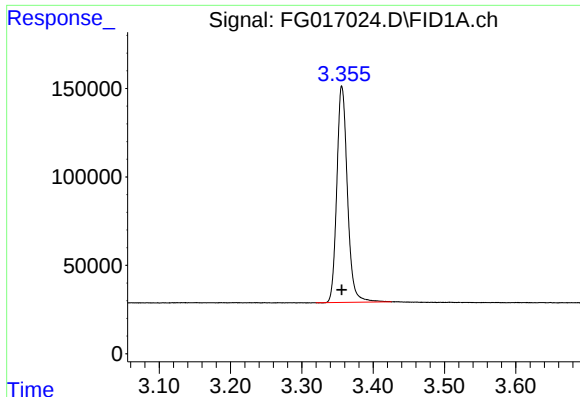
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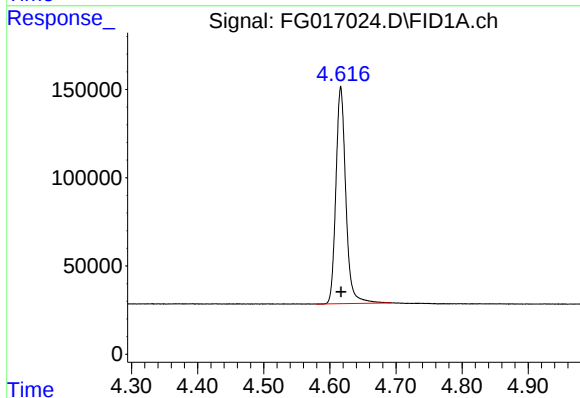




#1 n-Nonane (C9)

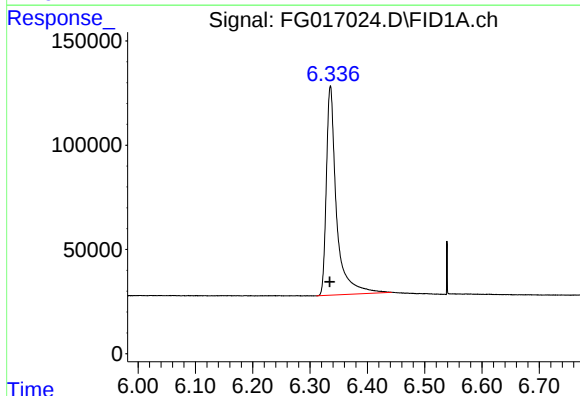
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 1266349
Conc: 9.79 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



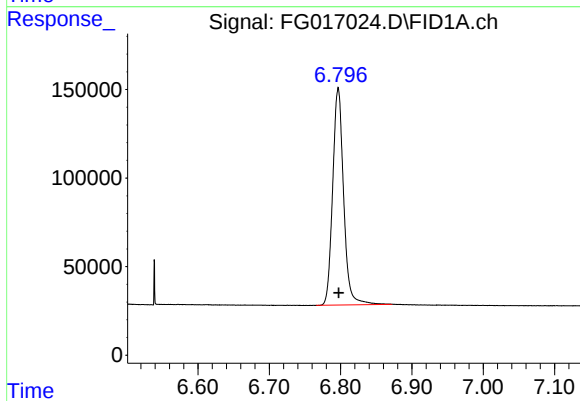
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 1279667
Conc: 9.62 ug/ml



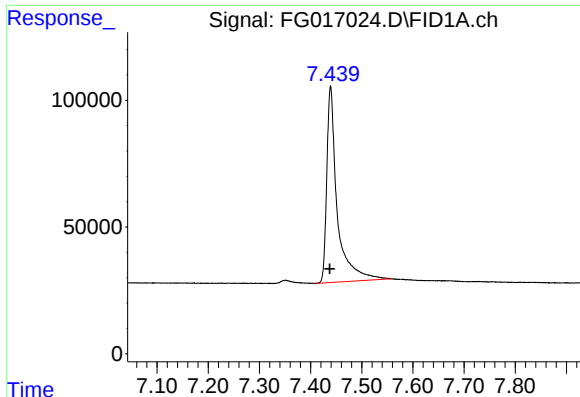
#3 A~Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.001 min
Response: 1238463
Conc: 9.09 ug/ml



#4 n-Dodecane (C12)

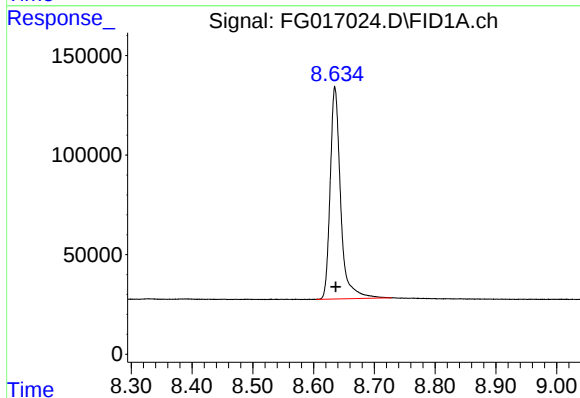
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1307282
Conc: 9.66 ug/ml



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

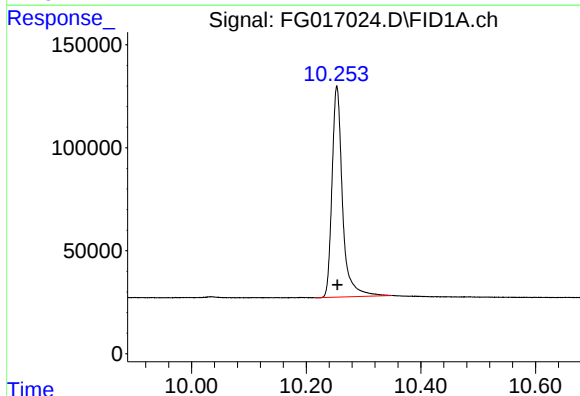
R.T.: 7.439 min
Delta R.T.: 0.002 min
Response: 1100004
Conc: 8.73 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



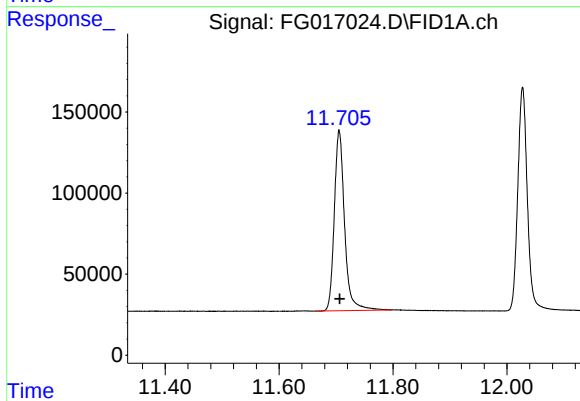
#6 n-Tetradecane (C14)

R.T.: 8.635 min
Delta R.T.: -0.001 min
Response: 1277231
Conc: 9.55 ug/ml



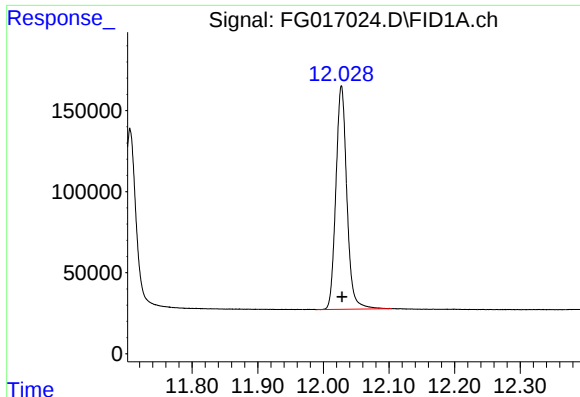
#7 n-Hexadecane (C16)

R.T.: 10.254 min
Delta R.T.: 0.000 min
Response: 1303429
Conc: 9.36 ug/ml



#8 n-Octadecane (C18)

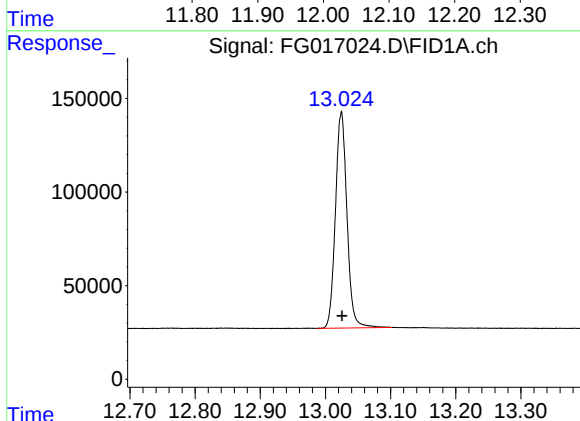
R.T.: 11.706 min
Delta R.T.: 0.000 min
Response: 1392377
Conc: 9.56 ug/ml



#9 ortho-Terphenyl (SURR)

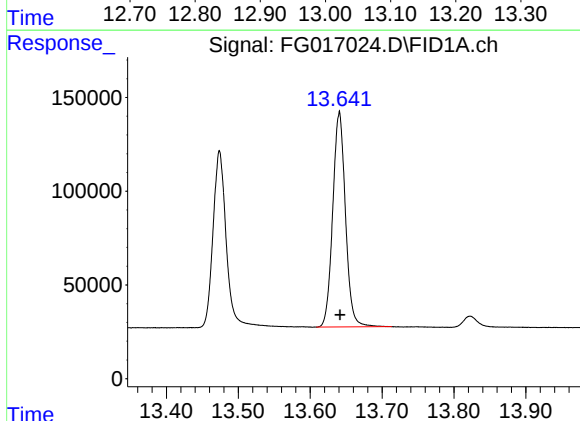
R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 1603130
Conc: 9.83 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



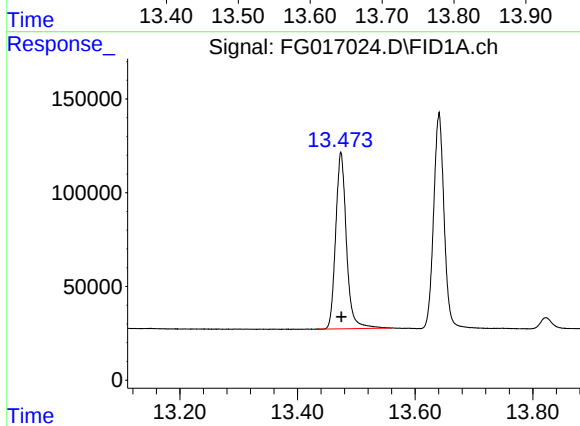
#10 n-Eicosane (C20)

R.T.: 13.024 min
Delta R.T.: -0.001 min
Response: 1422671
Conc: 9.85 ug/ml



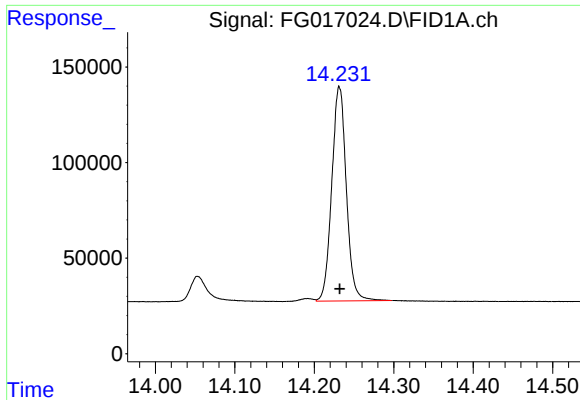
#11 n-Heneicosane (C21)

R.T.: 13.641 min
Delta R.T.: 0.000 min
Response: 1411133
Conc: 9.85 ug/ml



#12 1-chlorooctadecane (SURR)

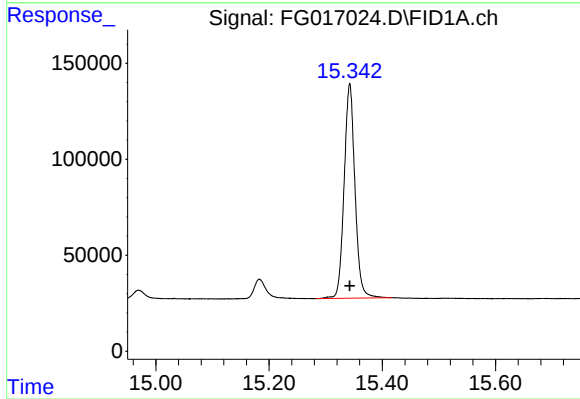
R.T.: 13.474 min
Delta R.T.: 0.000 min
Response: 1195581
Conc: 9.67 ug/ml



#13 n-Docosane (C22)

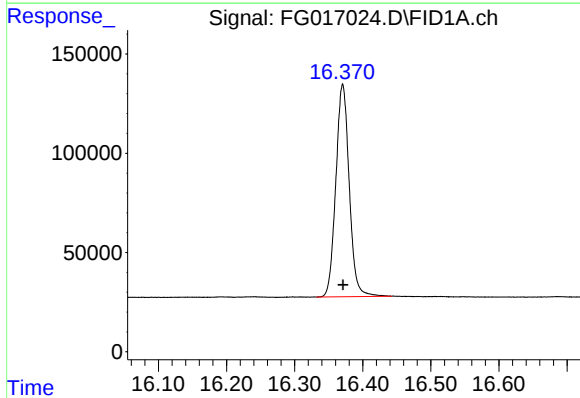
R.T.: 14.232 min
Delta R.T.: 0.000 min
Response: 1431152
Conc: 10.07 ug/ml

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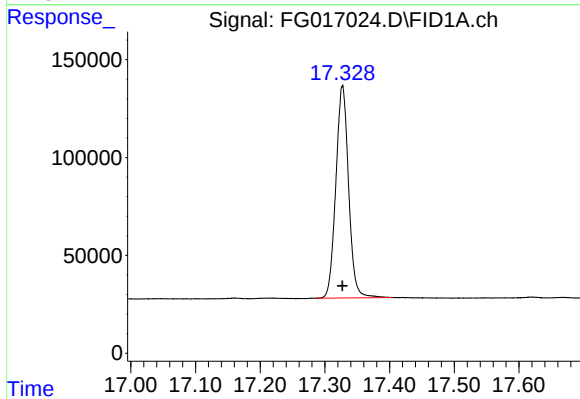
#14 n-Tetracosane (C24)

R.T.: 15.343 min
Delta R.T.: 0.000 min
Response: 1484401
Conc: 10.52 ug/ml



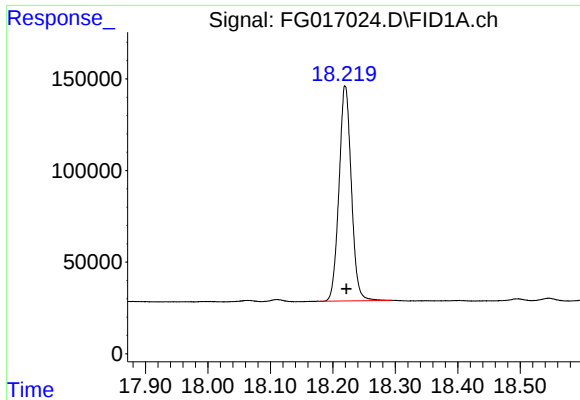
#15 n-Hexacosane (C26)

R.T.: 16.371 min
Delta R.T.: 0.000 min
Response: 1463874
Conc: 10.61 ug/ml



#16 n-Octacosane (C28)

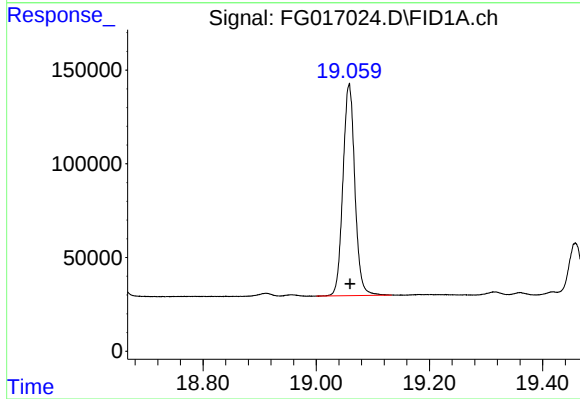
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 1487269
Conc: 10.77 ug/ml



#17 n-Tricontane (C30)

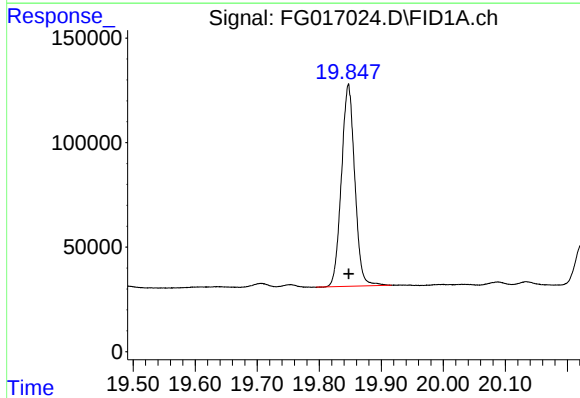
R.T.: 18.220 min
Delta R.T.: -0.002 min
Response: 1610755
Conc: 10.81 ug/ml

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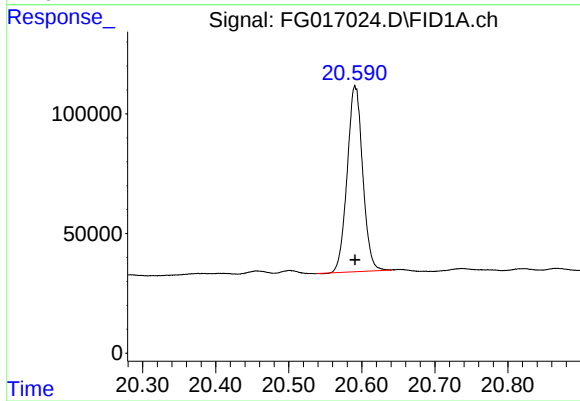
#18 n-Dotriacontane (C32)

R.T.: 19.058 min
Delta R.T.: -0.002 min
Response: 1651686
Conc: 10.94 ug/ml



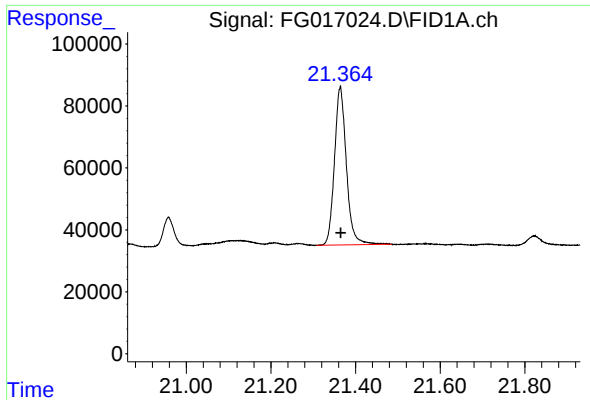
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min
Delta R.T.: 0.000 min
Response: 1444829
Conc: 10.70 ug/ml



#20 n-Hexatriacontane (C36)

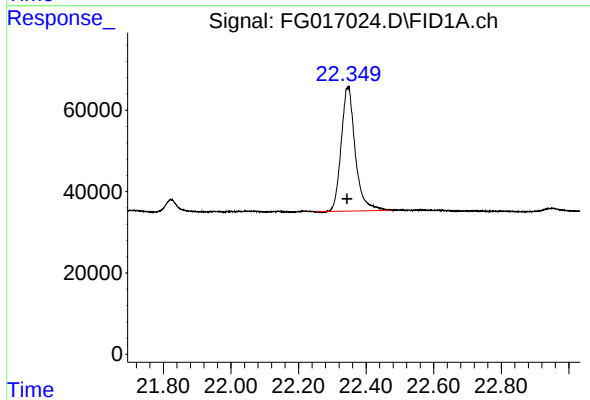
R.T.: 20.591 min
Delta R.T.: 0.000 min
Response: 1142118
Conc: 10.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.364 min
Delta R.T.: -0.001 min
Response: 998372
Conc: 10.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.348 min
Delta R.T.: 0.004 min
Response: 884418
Conc: 10.32 ug/ml