

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010225AL\
 Data File : FE051831.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jan 2025 18:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 03 01:05:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 01:01:37 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)	12.117	2913192	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.548	2310504	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.523	2227287	20.000 ug/ml
2) T n-Decane (C10)	4.766	2294289	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.469	2579485	20.000 ug/ml
4) T n-Dodecane (C12)	6.918	2368574	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.560	2534647	20.000 ug/ml
6) T n-Tetradecane (C14)	8.742	2419422	20.000 ug/ml
7) T n-Hexadecane (C16)	10.348	2581234	20.000 ug/ml
8) T n-Octadecane (C18)	11.792	2684246	20.000 ug/ml
10) T n-Eicosane (C20)	13.101	2646265	20.000 ug/ml
11) T n-Heneicosane (C21)	13.713	2639150	20.000 ug/ml
13) T n-Docosane (C22)	14.300	2635007	20.000 ug/ml
14) T n-Tetracosane (C24)	15.402	2658198	20.000 ug/ml
15) T n-Hexacosane (C26)	16.423	2629750	20.000 ug/ml
16) T n-Octacosane (C28)	17.373	2592908	20.000 ug/ml
17) T n-Tricontane (C30)	18.260	2624934	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.093	2521026	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.875	2205614	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.616	2024658	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.398	1926260	20.000 ug/ml
22) T n-Tetracontane (C40)	22.392	1820454	20.000 ug/ml

(f)=RT Delta > 1/2 Window

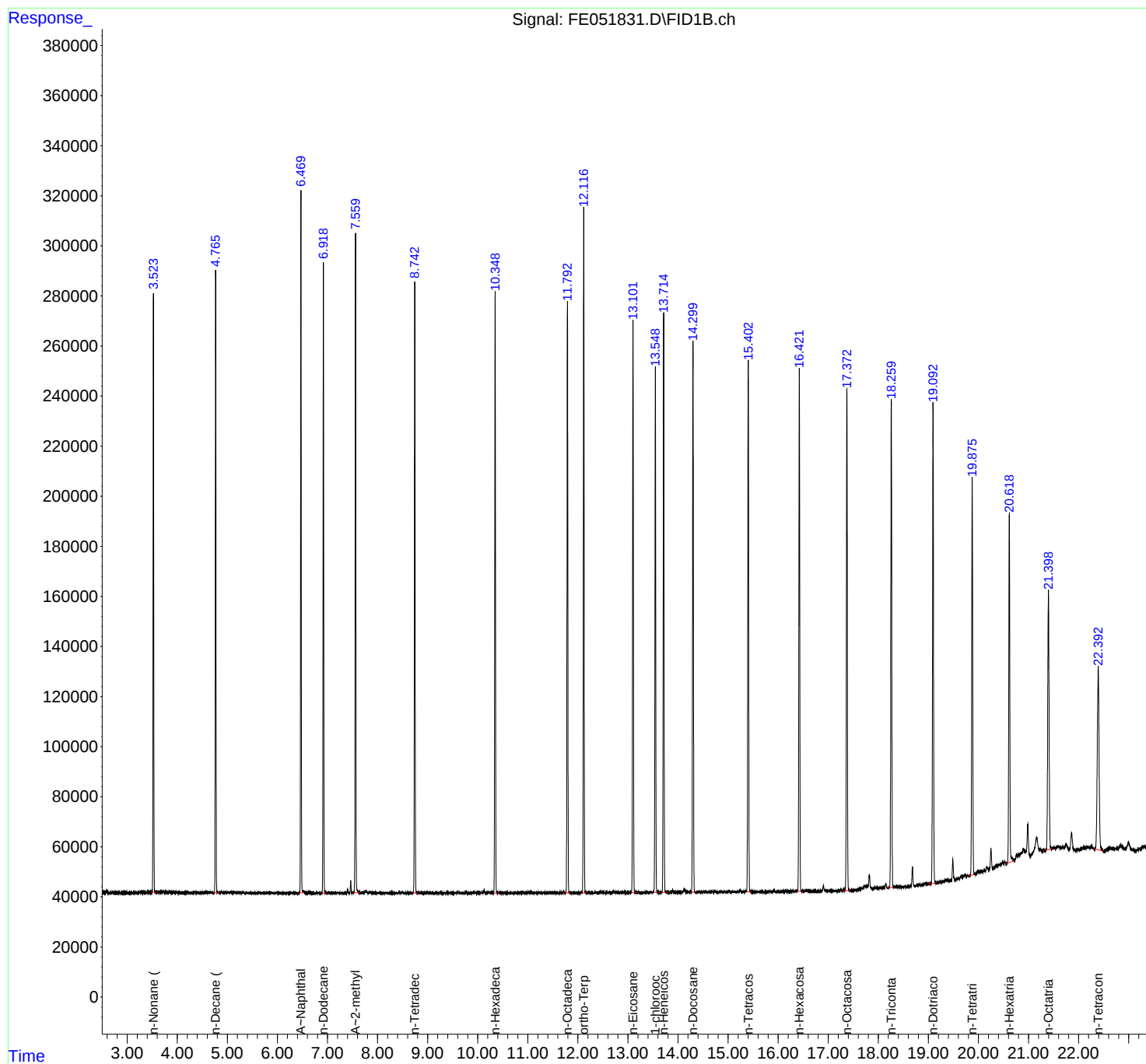
(m)=manual int.

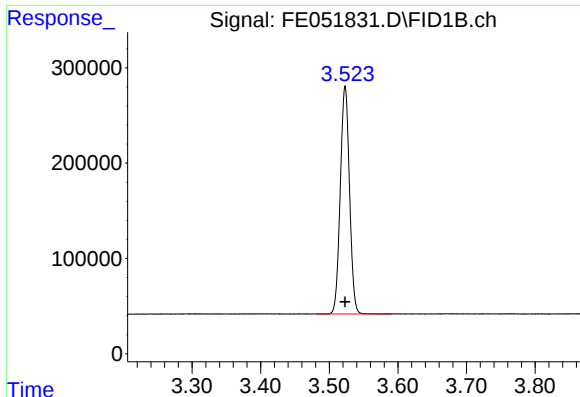
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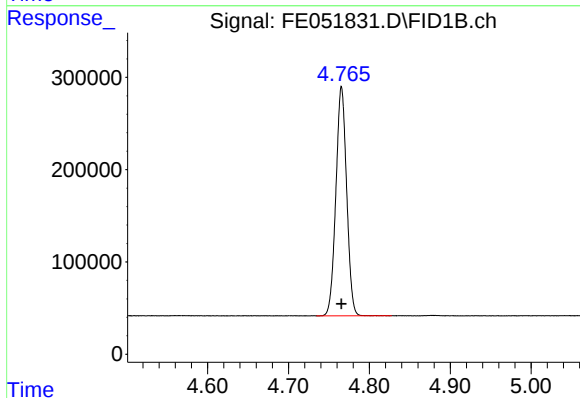




#1 n-Nonane (C9)

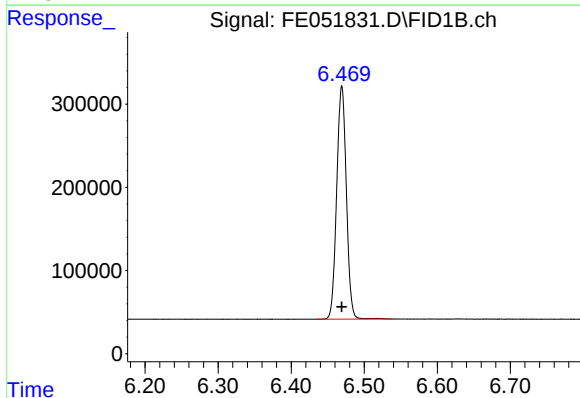
R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 2227287
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



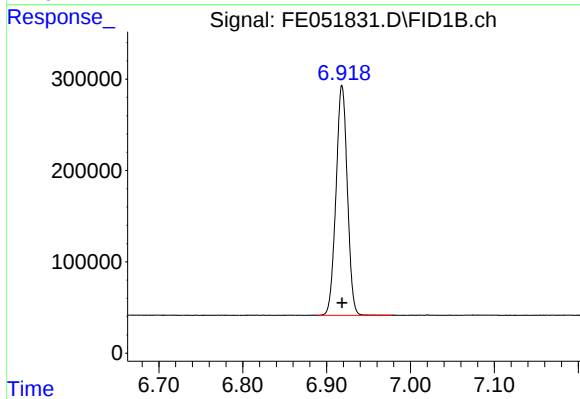
#2 n-Decane (C10)

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 2294289
Conc: 20.00 ug/ml



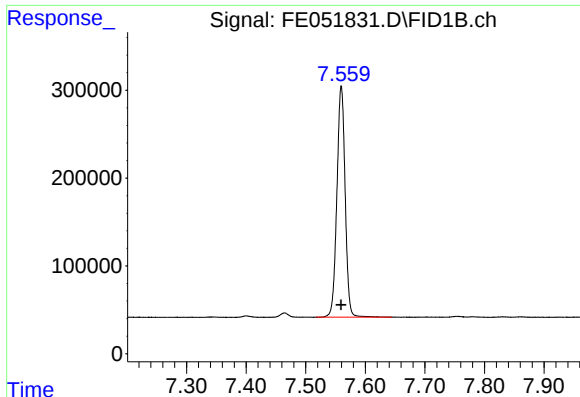
#3 A~Naphthalene (C11.7)

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 2579485
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

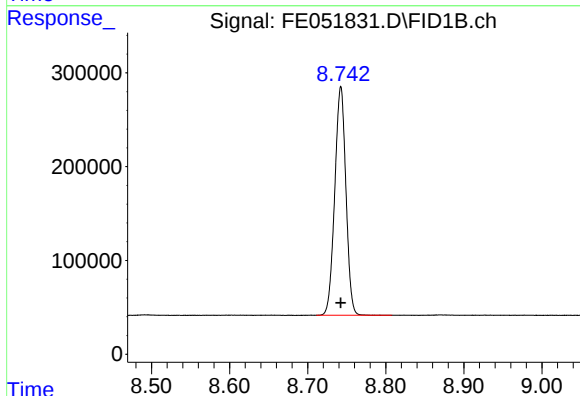
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 2368574
Conc: 20.00 ug/ml



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

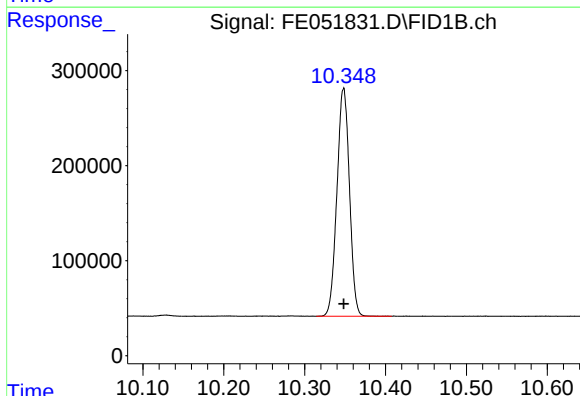
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 2534647
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



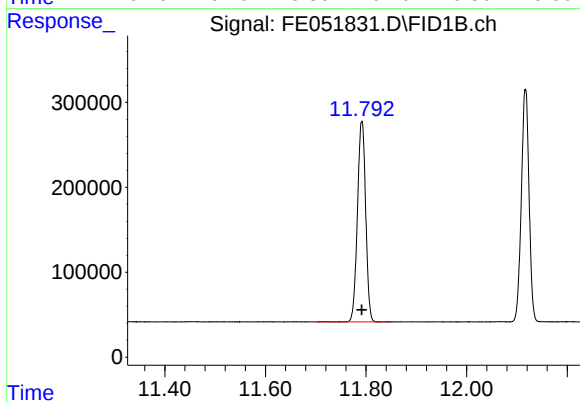
#6 n-Tetradecane (C14)

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 2419422
Conc: 20.00 ug/ml



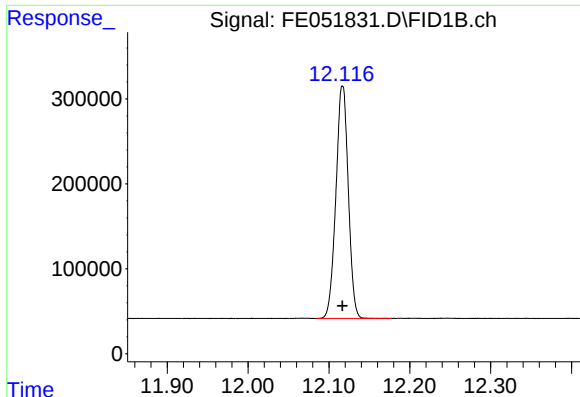
#7 n-Hexadecane (C16)

R.T.: 10.348 min
Delta R.T.: 0.000 min
Response: 2581234
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

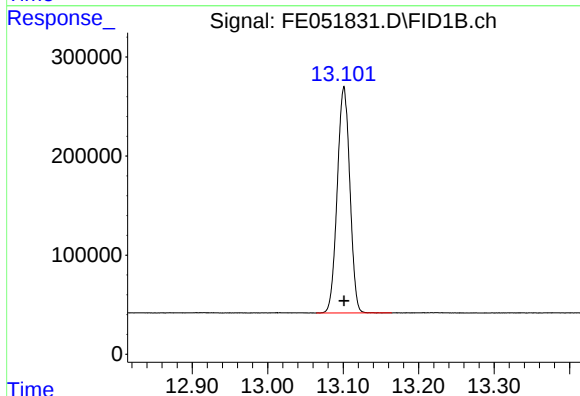
R.T.: 11.792 min
Delta R.T.: 0.000 min
Response: 2684246
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

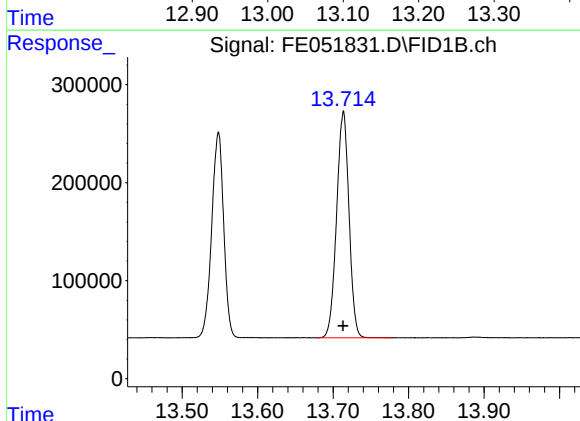
R.T.: 12.117 min
Delta R.T.: 0.000 min
Response: 2913192
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



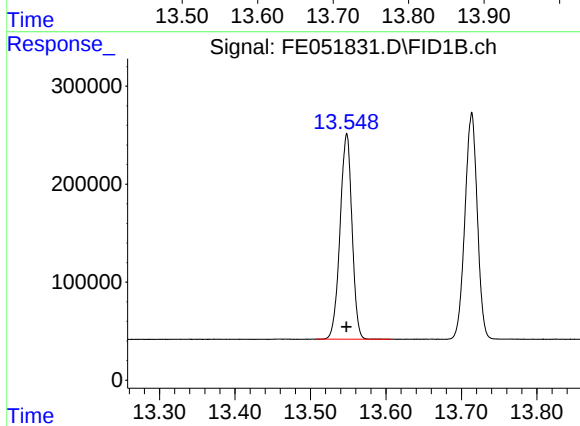
#10 n-Eicosane (C20)

R.T.: 13.101 min
Delta R.T.: 0.000 min
Response: 2646265
Conc: 20.00 ug/ml



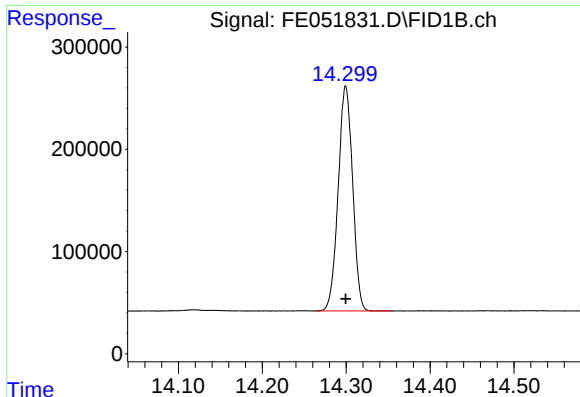
#11 n-Heneicosane (C21)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 2639150
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

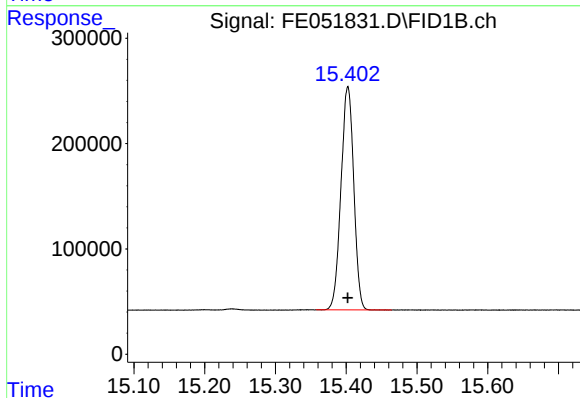
R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 2310504
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

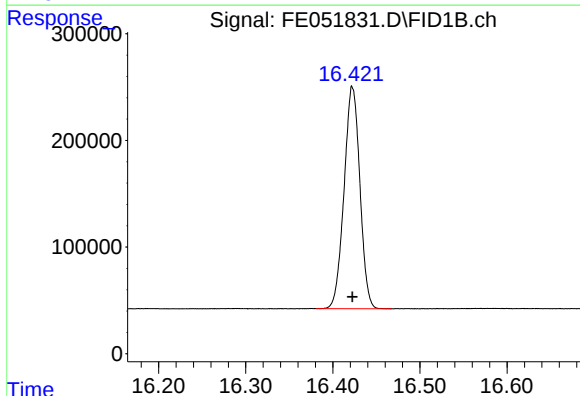
R.T.: 14.300 min
Delta R.T.: 0.000 min
Response: 2635007
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



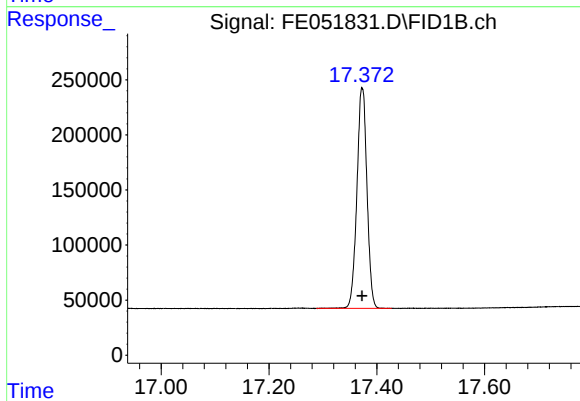
#14 n-Tetracosane (C24)

R.T.: 15.402 min
Delta R.T.: 0.000 min
Response: 2658198
Conc: 20.00 ug/ml



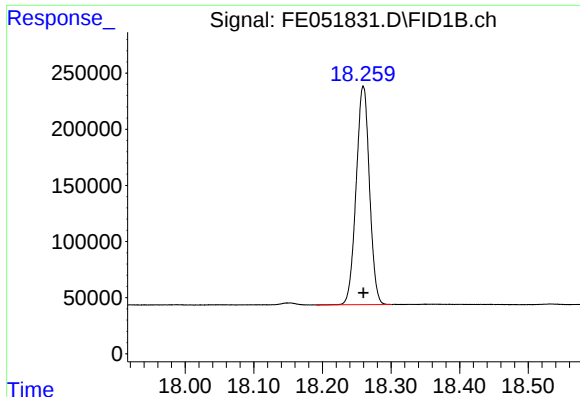
#15 n-Hexacosane (C26)

R.T.: 16.423 min
Delta R.T.: 0.000 min
Response: 2629750
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

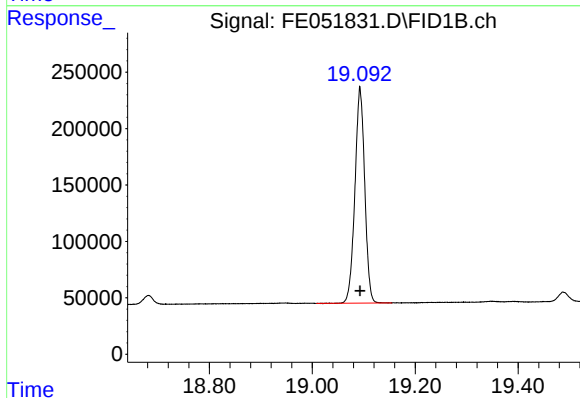
R.T.: 17.373 min
Delta R.T.: 0.000 min
Response: 2592908
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

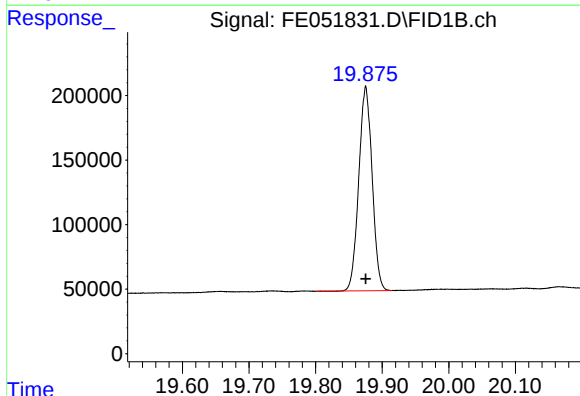
R.T.: 18.260 min
Delta R.T.: 0.000 min
Response: 2624934
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



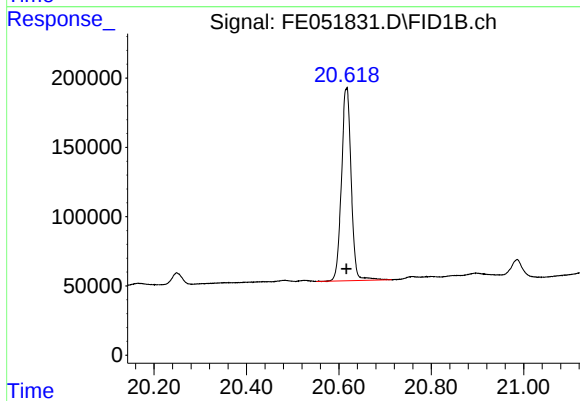
#18 n-Dotriacontane (C32)

R.T.: 19.093 min
Delta R.T.: 0.000 min
Response: 2521026
Conc: 20.00 ug/ml



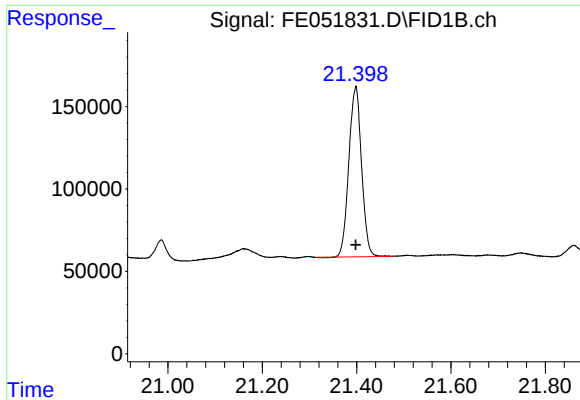
#19 n-Tetratriacontane (C34)

R.T.: 19.875 min
Delta R.T.: 0.000 min
Response: 2205614
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

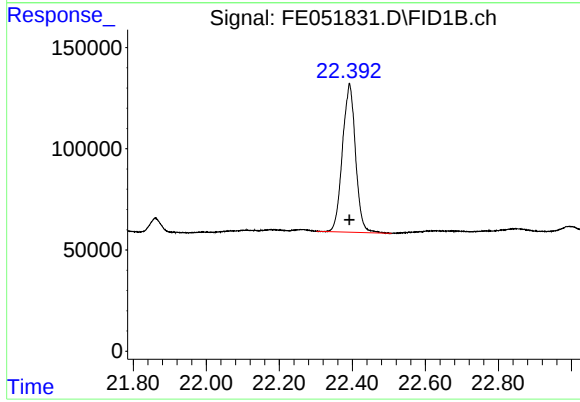
R.T.: 20.616 min
Delta R.T.: 0.000 min
Response: 2024658
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: 0.000 min
Response: 1926260
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.000 min
Response: 1820454
Conc: 20.00 ug/ml