

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092625AL\
 Data File : FE056027.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2025 12:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 27 01:03:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.066	3599890	19.184 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.503	2773687	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.404	2316702	16.911 ug/ml
2) T n-Decane (C10)	4.663	2350985	16.845 ug/ml
3) T A~Naphthalene (C11.7)	6.382	2811463	17.609 ug/ml
4) T n-Dodecane (C12)	6.839	2418728	16.852 ug/ml
5) T A~2-methylnaphthalene...	7.483	2781038	17.882 ug/ml
6) T n-Tetradecane (C14)	8.675	2546113	17.221 ug/ml
7) T n-Hexadecane (C16)	10.290	2806495	17.661 ug/ml
8) T n-Octadecane (C18)	11.740	3107422	18.346 ug/ml
10) T n-Eicosane (C20)	13.054	3167028	19.106 ug/ml
11) T n-Heneicosane (C21)	13.669	3163890	19.471 ug/ml
13) T n-Docosane (C22)	14.257	3154217	19.740 ug/ml
14) T n-Tetracosane (C24)	15.364	3112384	20.425 ug/ml
15) T n-Hexacosane (C26)	16.388	2899472	20.328 ug/ml
16) T n-Octacosane (C28)	17.340	2797415	20.081 ug/ml
17) T n-Tricontane (C30)	18.230	2967103	20.023 ug/ml
18) T n-Dotriacontane (C32)	19.065	3055534	20.480 ug/ml
19) T n-Tetratriacontane (C34)	19.849	2922046	20.658 ug/ml
20) T n-Hexatriacontane (C36)	20.591	2639398	20.561 ug/ml
21) T n-Octatriacontane (C38)	21.365	2433333	18.527 ug/ml
22) T n-Tetracontane (C40)	22.346	2210695	18.582 ug/ml

(f)=RT Delta > 1/2 Window

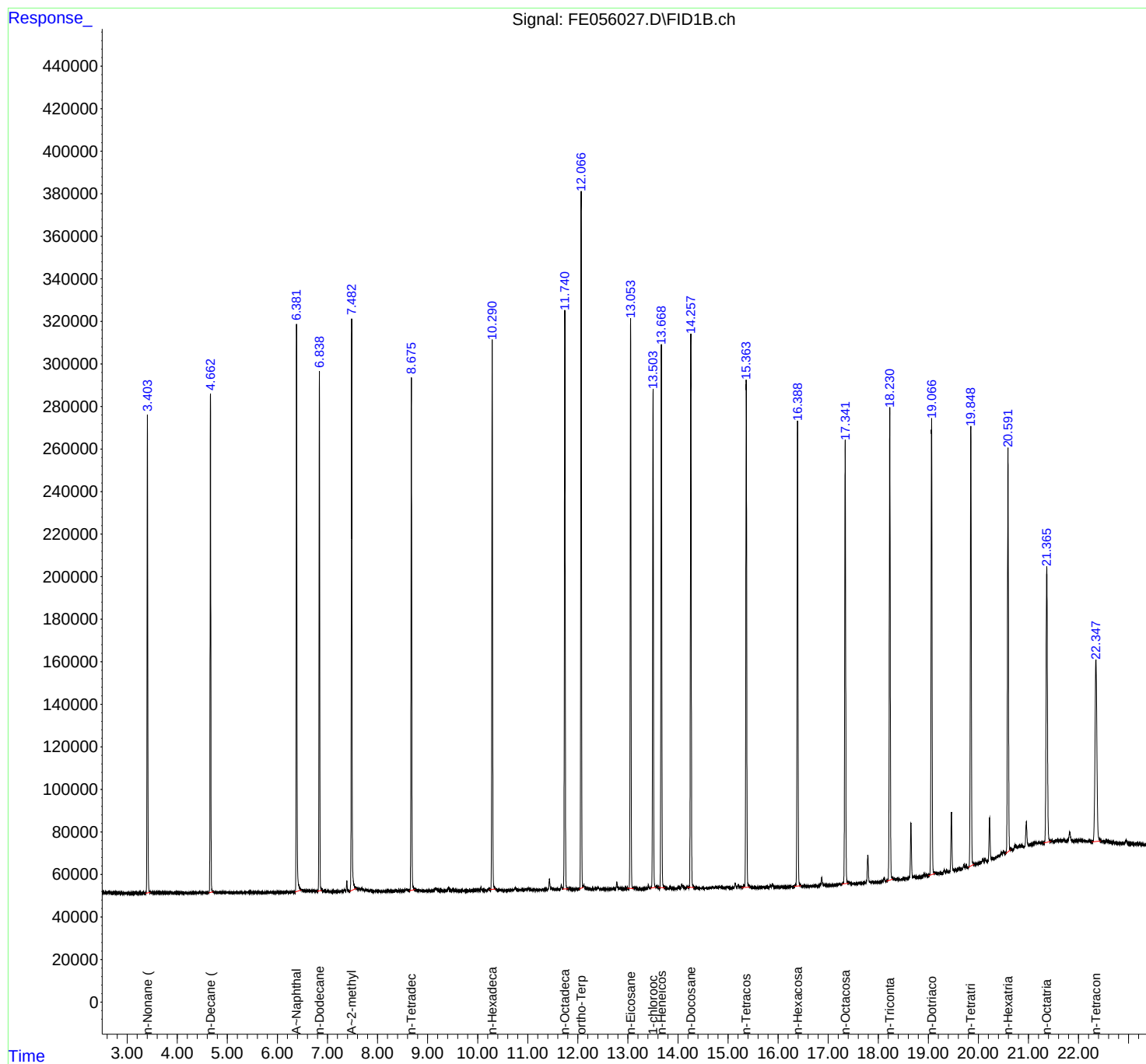
(m)=manual int.

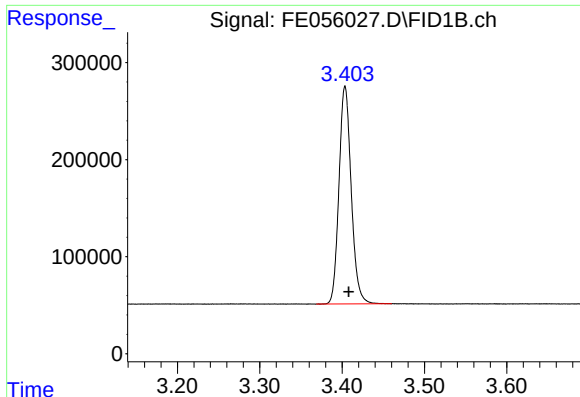
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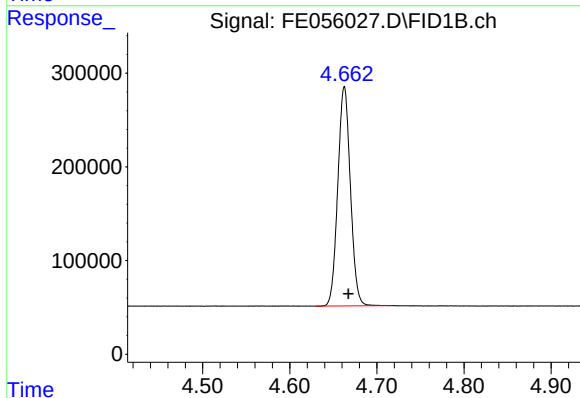




#1 n-Nonane (C9)

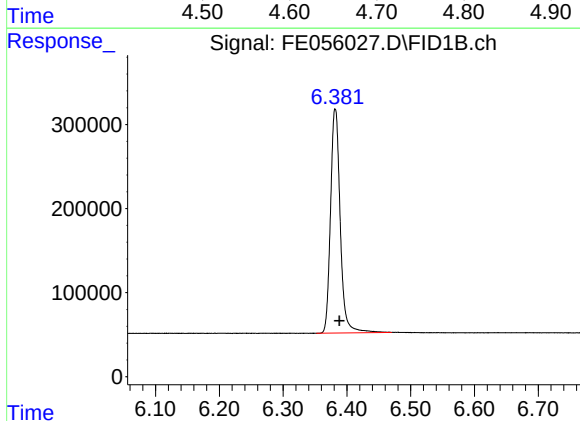
R.T.: 3.404 min
Delta R.T.: -0.004 min
Response: 2316702
Conc: 16.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



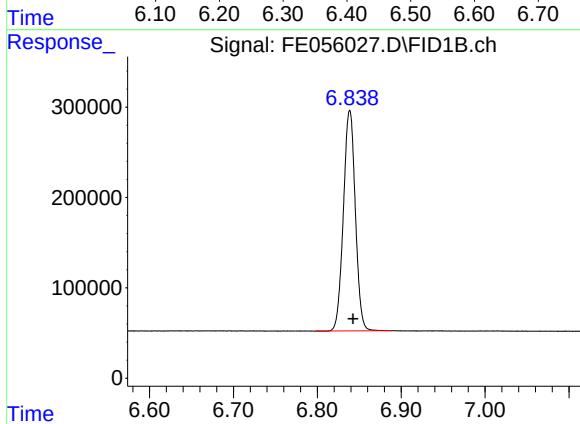
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.005 min
Response: 2350985
Conc: 16.85 ug/ml



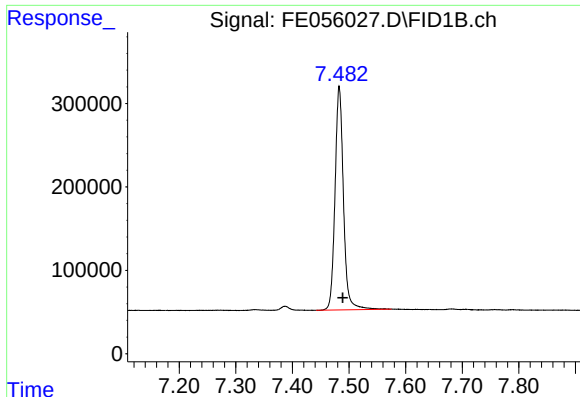
#3 A~Naphthalene (C11.7)

R.T.: 6.382 min
Delta R.T.: -0.006 min
Response: 2811463
Conc: 17.61 ug/ml



#4 n-Dodecane (C12)

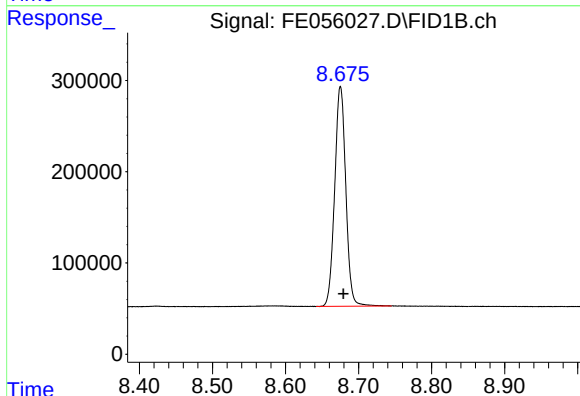
R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 2418728
Conc: 16.85 ug/ml



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

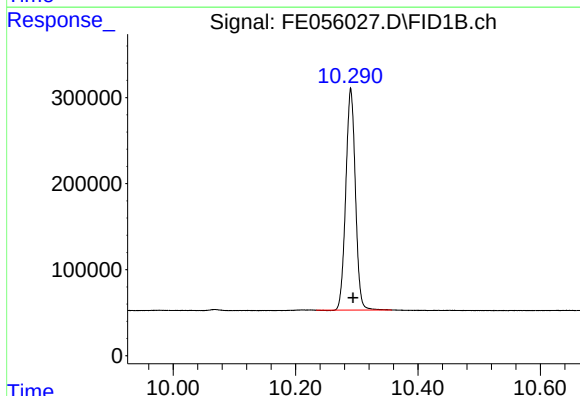
R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 2781038
Conc: 17.88 ug/ml

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20 PPM ALIPHATIC HC STD



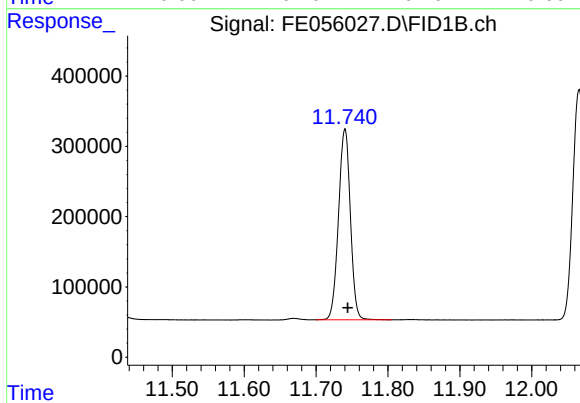
#6 n-Tetradecane (C14)

R.T.: 8.675 min
Delta R.T.: -0.004 min
Response: 2546113
Conc: 17.22 ug/ml



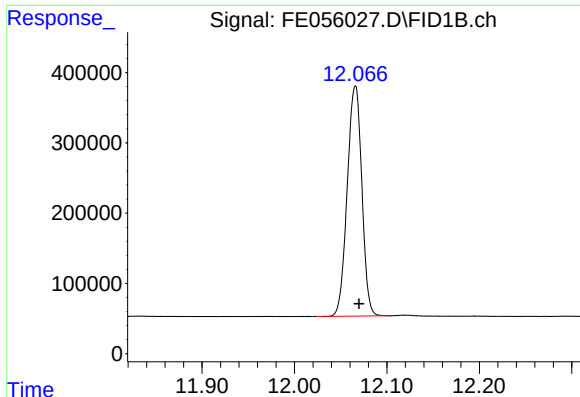
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: -0.004 min
Response: 2806495
Conc: 17.66 ug/ml



#8 n-Octadecane (C18)

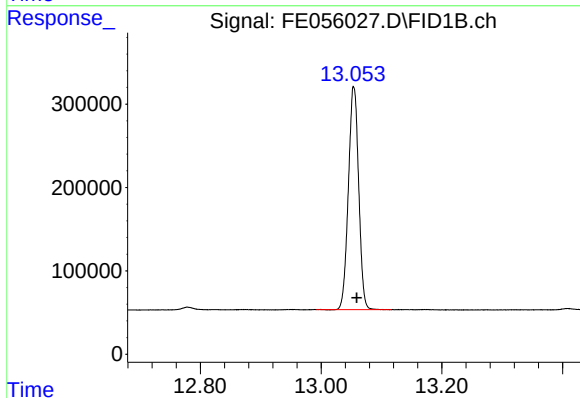
R.T.: 11.740 min
Delta R.T.: -0.004 min
Response: 3107422
Conc: 18.35 ug/ml



#9 ortho-Terphenyl (SURR)

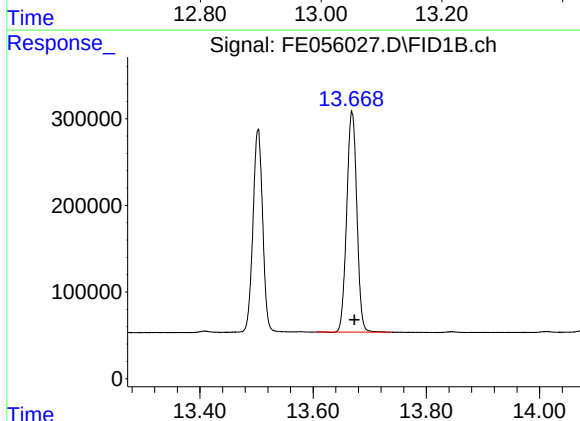
R.T.: 12.066 min
Delta R.T.: -0.004 min
Response: 3599890
Conc: 19.18 ug/ml

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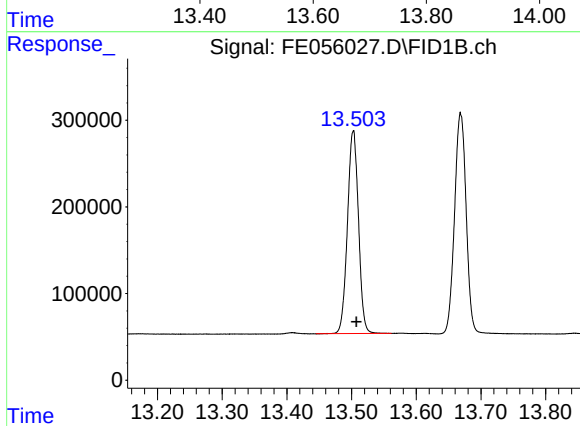
#10 n-Eicosane (C20)

R.T.: 13.054 min
Delta R.T.: -0.005 min
Response: 3167028
Conc: 19.11 ug/ml



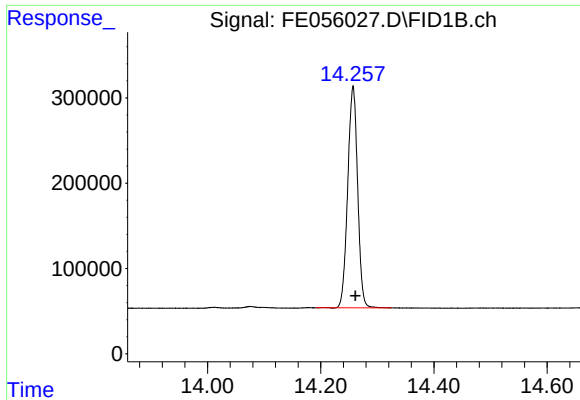
#11 n-Heneicosane (C21)

R.T.: 13.669 min
Delta R.T.: -0.004 min
Response: 3163890
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

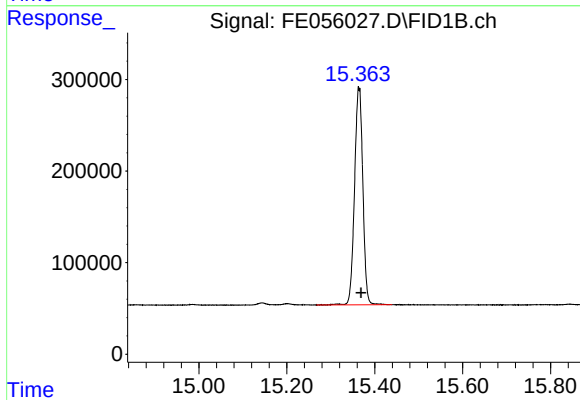
R.T.: 13.503 min
Delta R.T.: -0.005 min
Response: 2773687
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

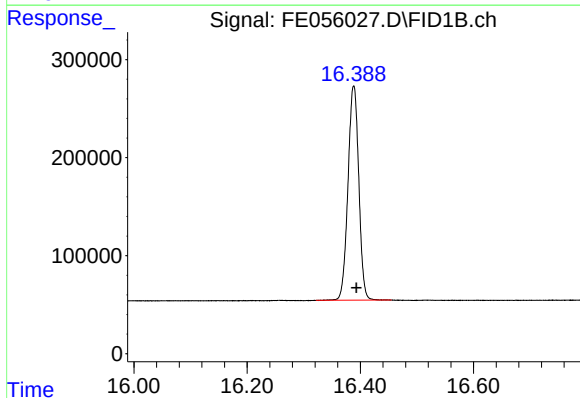
R.T.: 14.257 min
Delta R.T.: -0.004 min
Response: 3154217
Conc: 19.74 ug/ml

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20 PPM ALIPHATIC HC STD



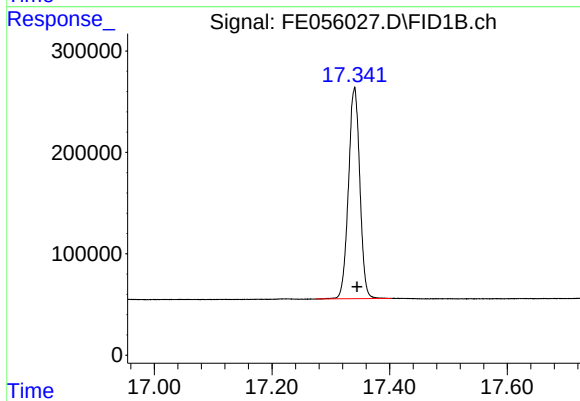
#14 n-Tetracosane (C24)

R.T.: 15.364 min
Delta R.T.: -0.004 min
Response: 3112384
Conc: 20.43 ug/ml



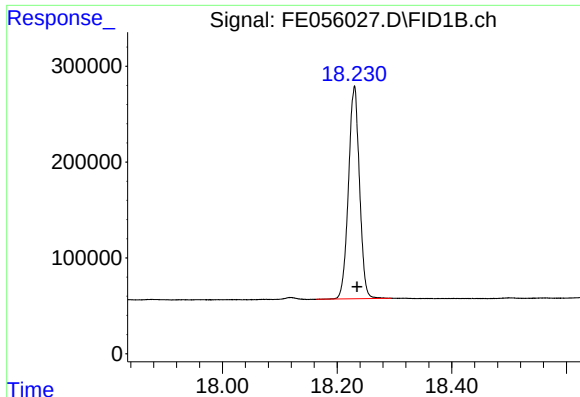
#15 n-Hexacosane (C26)

R.T.: 16.388 min
Delta R.T.: -0.004 min
Response: 2899472
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

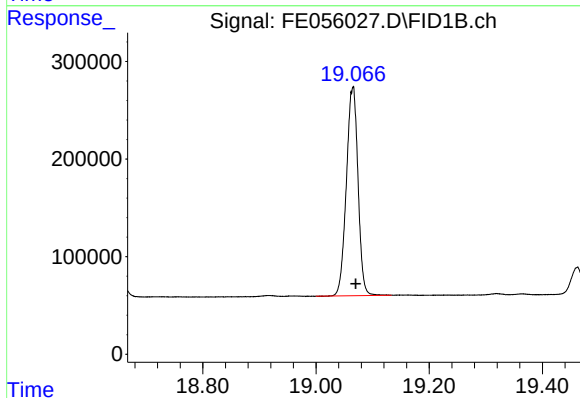
R.T.: 17.340 min
Delta R.T.: -0.005 min
Response: 2797415
Conc: 20.08 ug/ml



#17 n-Tricontane (C30)

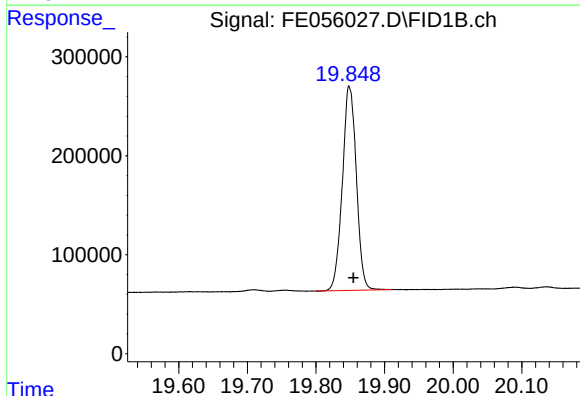
R.T.: 18.230 min
Delta R.T.: -0.005 min
Response: 2967103
Conc: 20.02 ug/ml

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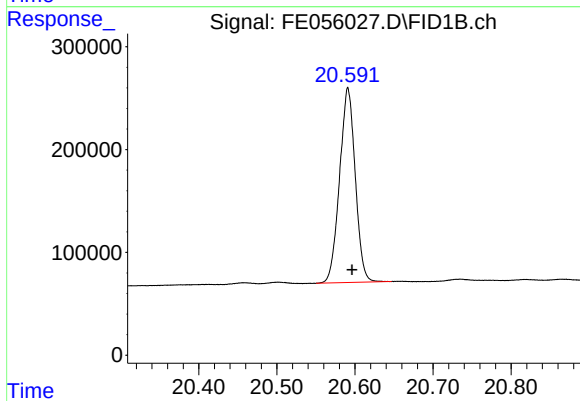
#18 n-Dotriacontane (C32)

R.T.: 19.065 min
Delta R.T.: -0.005 min
Response: 3055534
Conc: 20.48 ug/ml



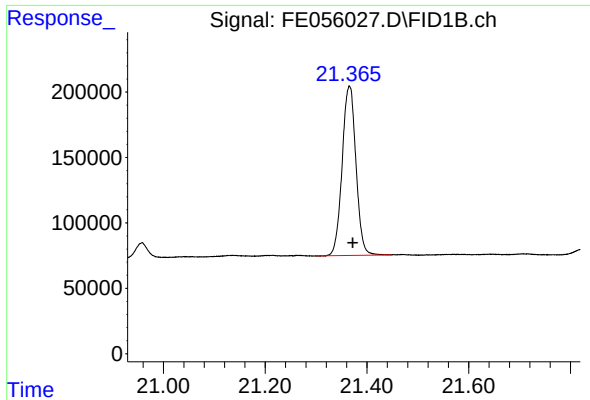
#19 n-Tetratriacontane (C34)

R.T.: 19.849 min
Delta R.T.: -0.006 min
Response: 2922046
Conc: 20.66 ug/ml



#20 n-Hexatriacontane (C36)

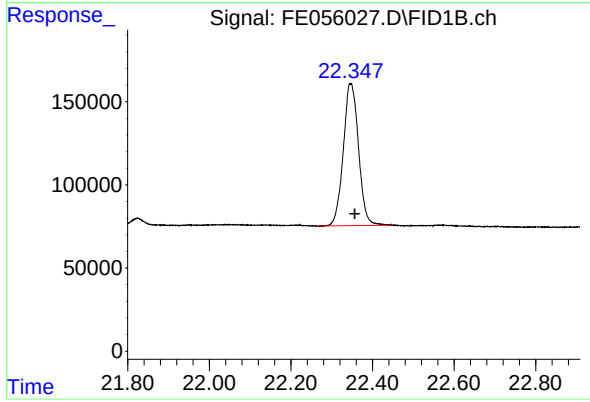
R.T.: 20.591 min
Delta R.T.: -0.005 min
Response: 2639398
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.365 min
Delta R.T.: -0.006 min
Response: 2433333
Conc: 18.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.346 min
Delta R.T.: -0.010 min
Response: 2210695
Conc: 18.58 ug/ml