

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090925AL\
 Data File : FE055739.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2025 14:55
 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 10 01:05:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.075	3099444	18.866 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.512	2327982	18.617 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
Target Compounds			
1) T n-Nonane (C9)	3.413	2387623	18.815 ug/ml
2) T n-Decane (C10)	4.671	2520312	19.675 ug/ml
3) T A~Naphthalene (C11.7)	6.391	2814749	19.374 ug/ml
4) T n-Dodecane (C12)	6.846	2592008	19.906 ug/ml
5) T A~2-methylnaphthalene...	7.491	2716379	19.313 ug/ml
6) T n-Tetradecane (C14)	8.684	2610328	19.821 ug/ml
7) T n-Hexadecane (C16)	10.299	2729632	19.709 ug/ml
8) T n-Octadecane (C18)	11.749	2827072	19.382 ug/ml
10) T n-Eicosane (C20)	13.064	2735927	19.007 ug/ml
11) T n-Heneicosane (C21)	13.678	2680091	18.762 ug/ml
13) T n-Docosane (C22)	14.267	2671743	18.665 ug/ml
14) T n-Tetracosane (C24)	15.373	2695880	18.631 ug/ml
15) T n-Hexacosane (C26)	16.397	2642415	18.496 ug/ml
16) T n-Octacosane (C28)	17.349	2700096	18.983 ug/ml
17) T n-Tricontane (C30)	18.240	3016448	20.406 ug/ml
18) T n-Dotriacontane (C32)	19.074	3254595	22.174 ug/ml
19) T n-Tetratriacontane (C34)	19.858	3141344	22.234 ug/ml
20) T n-Hexatriacontane (C36)	20.599	2913482	22.079 ug/ml
21) T n-Octatriacontane (C38)	21.378	2593768	19.915 ug/ml
22) T n-Tetracontane (C40)	22.364	2407810	18.776 ug/ml

(f)=RT Delta > 1/2 Window

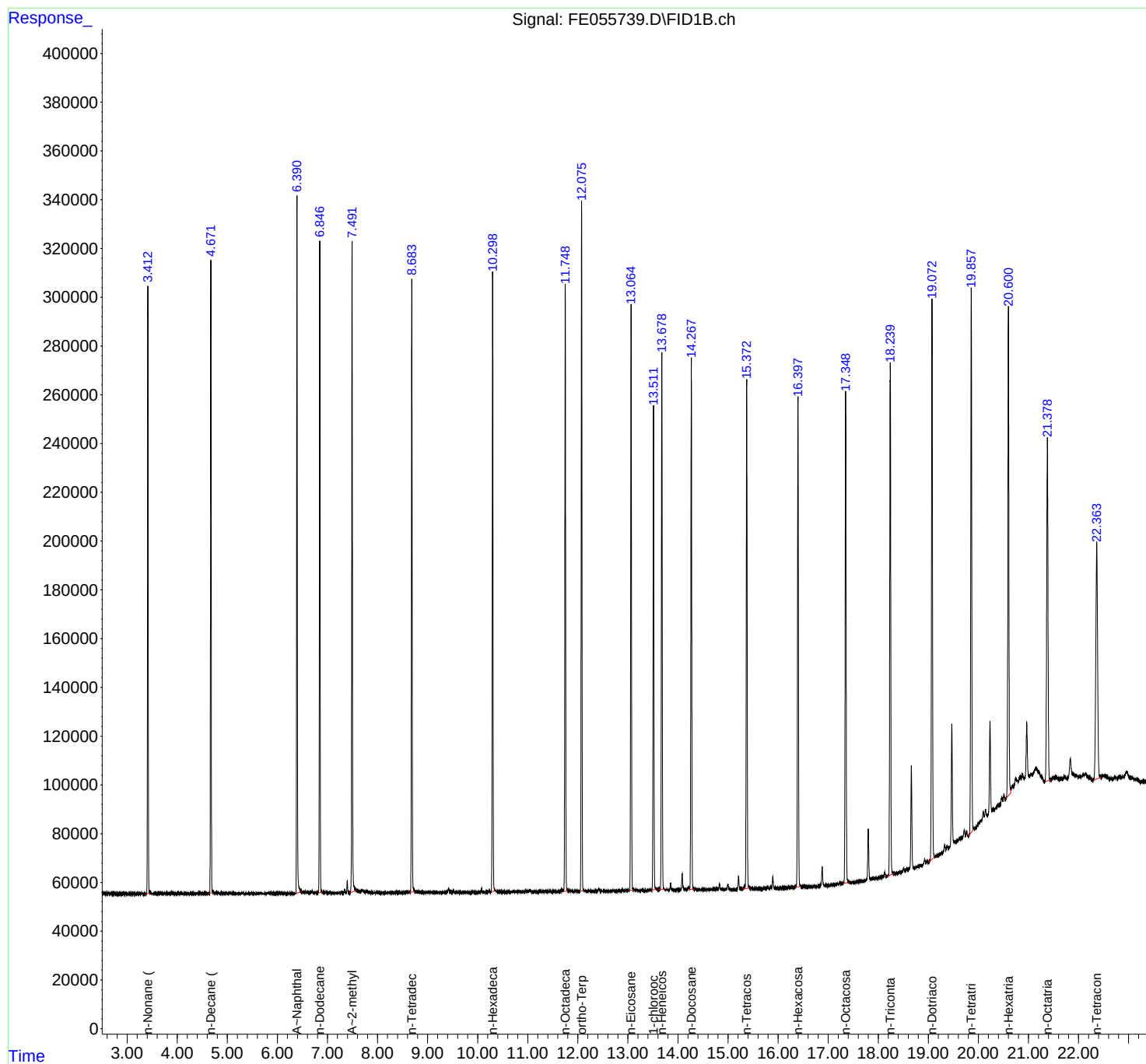
(m)=manual int.

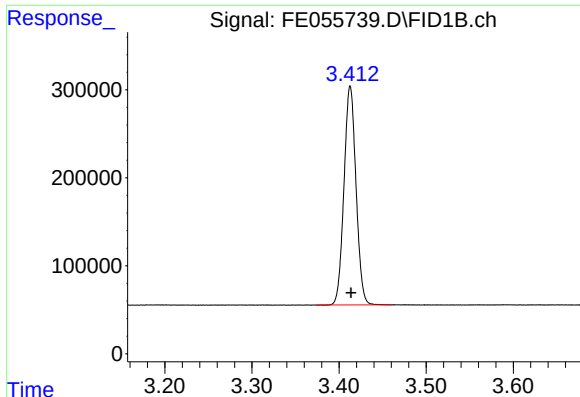
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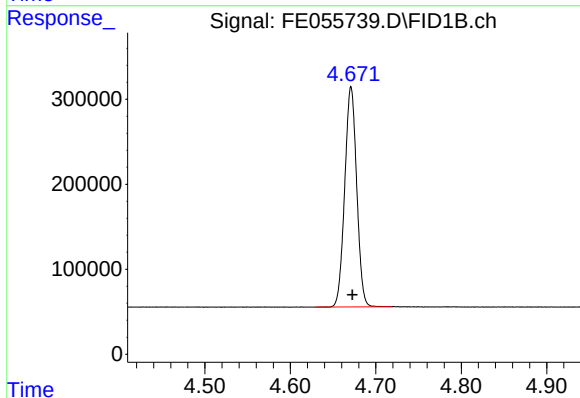




#1 n-Nonane (C9)

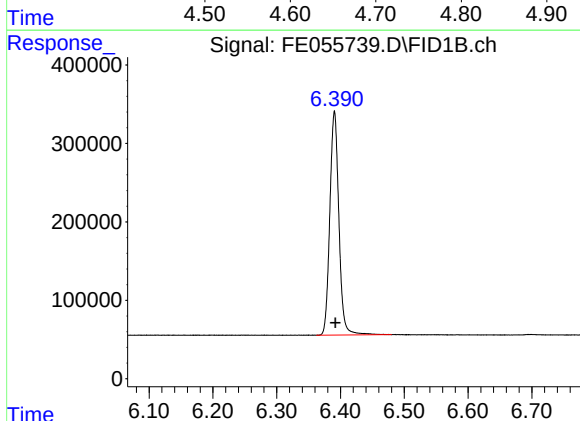
R.T.: 3.413 min
Delta R.T.: -0.001 min
Response: 2387623
Conc: 18.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



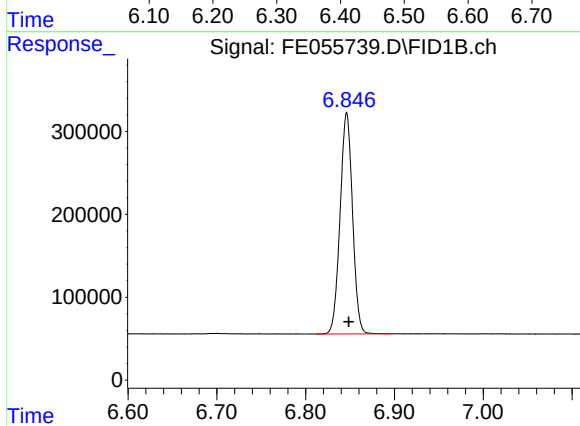
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 2520312
Conc: 19.67 ug/ml



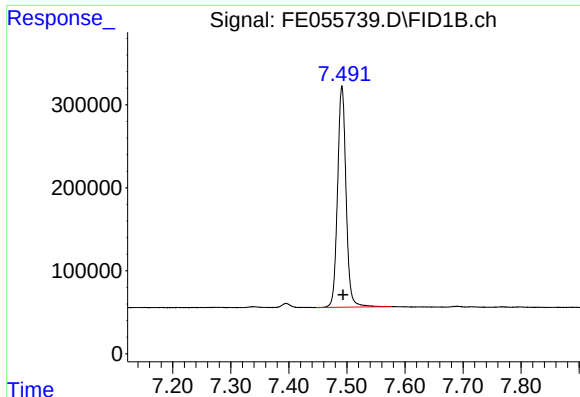
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 2814749
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

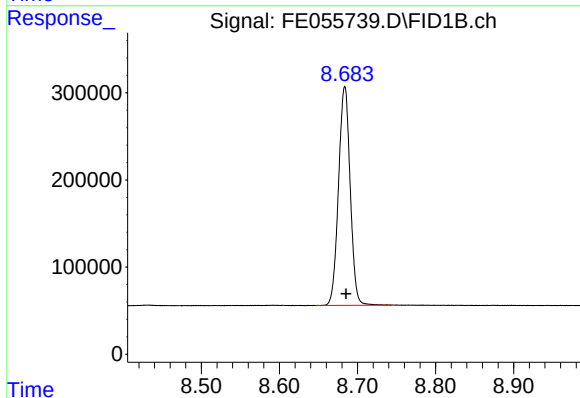
R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 2592008
Conc: 19.91 ug/ml



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

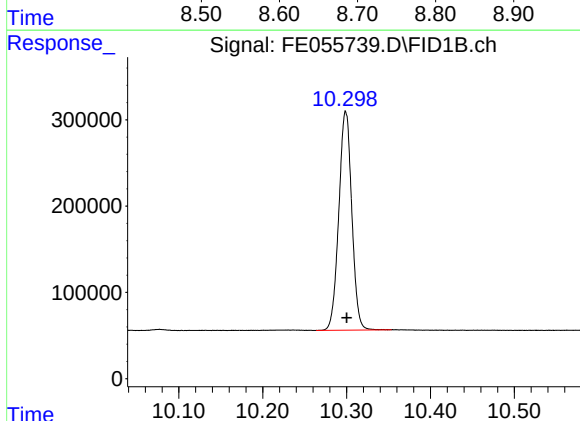
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 2716379
Conc: 19.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



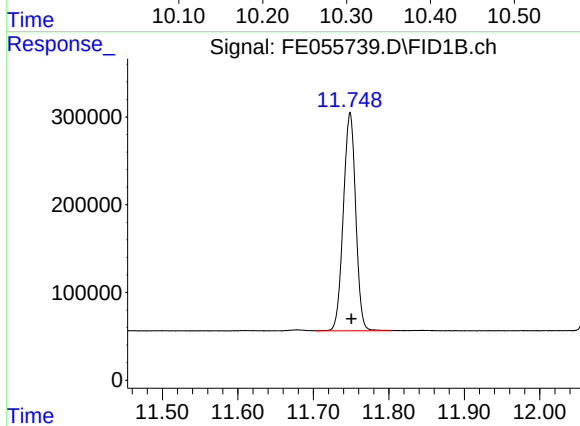
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 2610328
Conc: 19.82 ug/ml



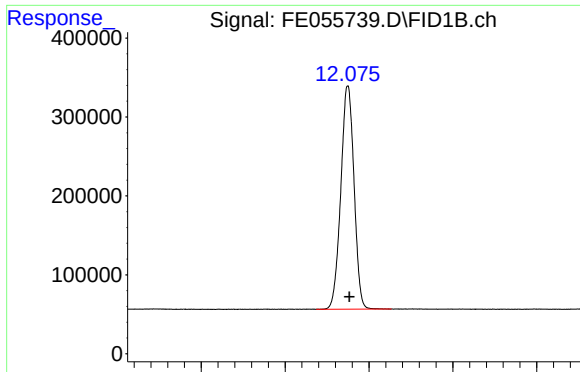
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: -0.001 min
Response: 2729632
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

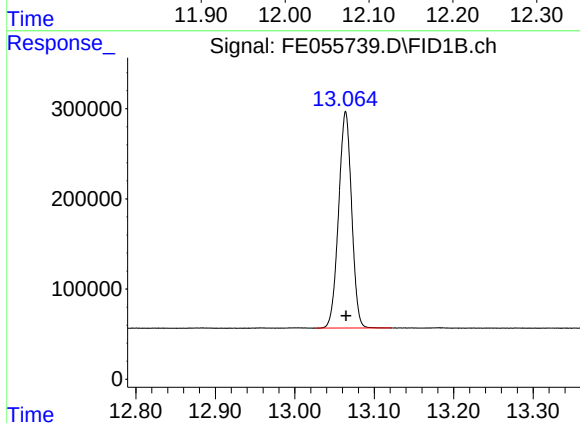
R.T.: 11.749 min
Delta R.T.: -0.002 min
Response: 2827072
Conc: 19.38 ug/ml



#9 ortho-Terphenyl (SURR)

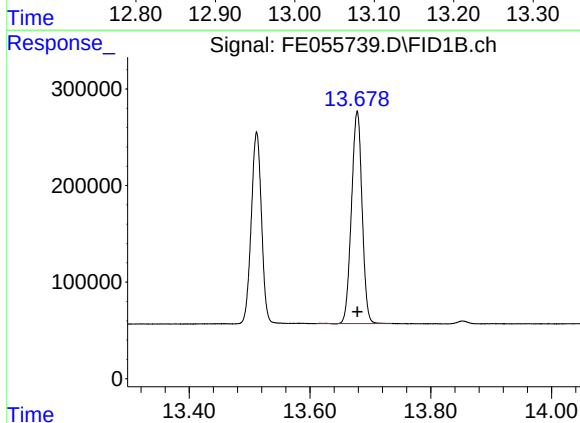
R.T.: 12.075 min
Delta R.T.: -0.002 min
Response: 3099444
Conc: 18.87 ug/ml

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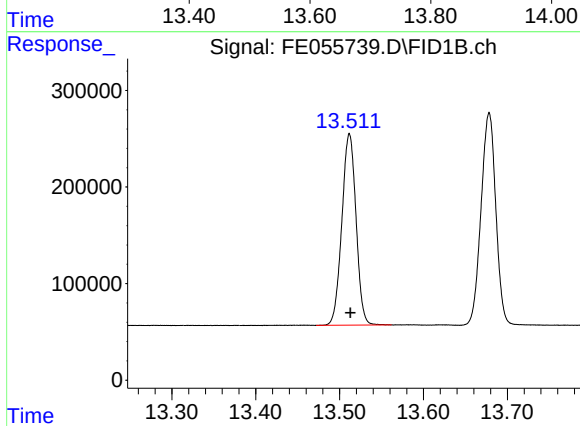
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2735927
Conc: 19.01 ug/ml



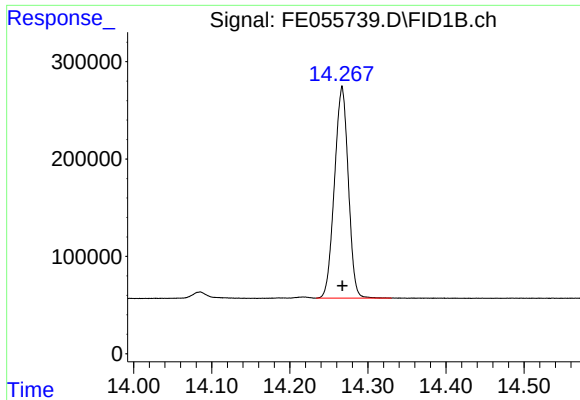
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 2680091
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

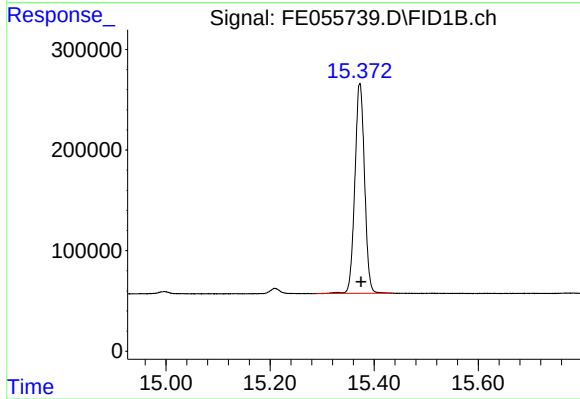
R.T.: 13.512 min
Delta R.T.: -0.001 min
Response: 2327982
Conc: 18.62 ug/ml



#13 n-Docosane (C22)

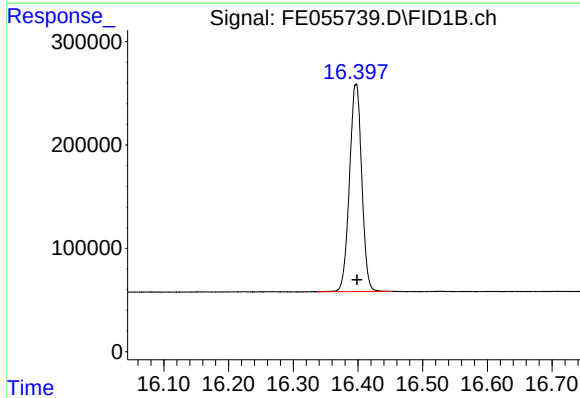
R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2671743
Conc: 18.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



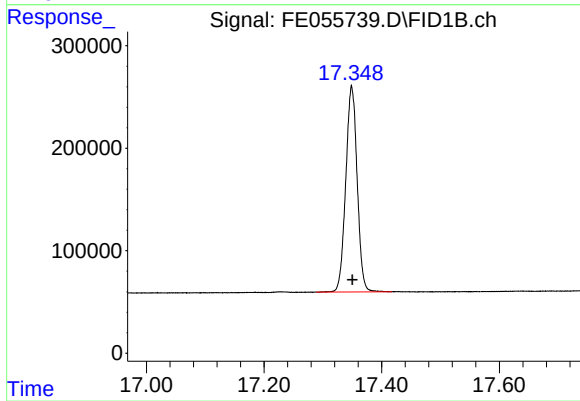
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.002 min
Response: 2695880
Conc: 18.63 ug/ml



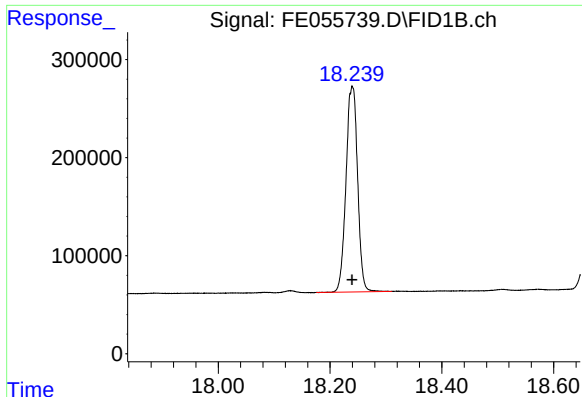
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.001 min
Response: 2642415
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

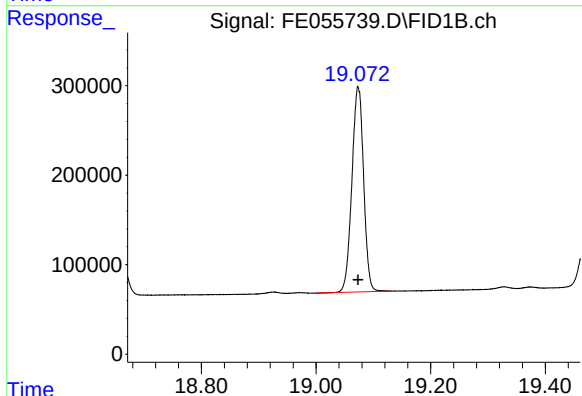
R.T.: 17.349 min
Delta R.T.: -0.001 min
Response: 2700096
Conc: 18.98 ug/ml



#17 n-Tricontane (C30)

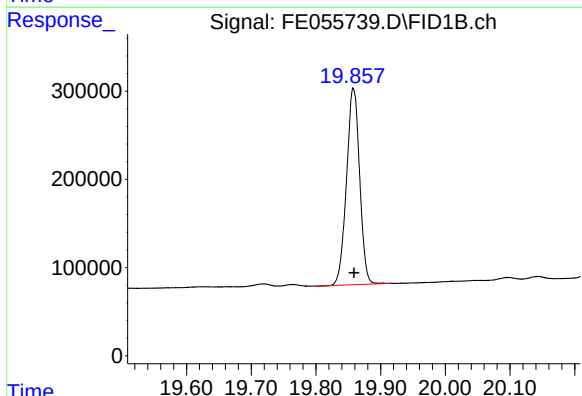
R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 3016448
Conc: 20.41 ug/ml

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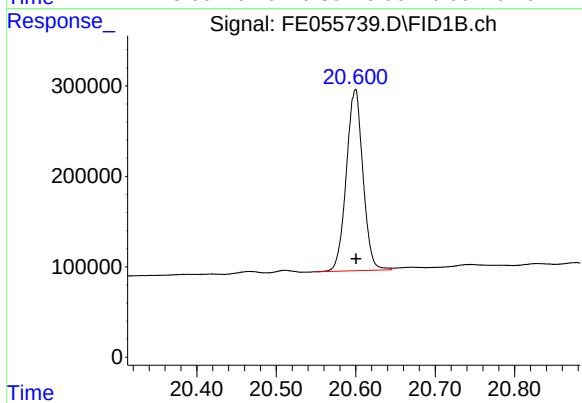
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 3254595
Conc: 22.17 ug/ml



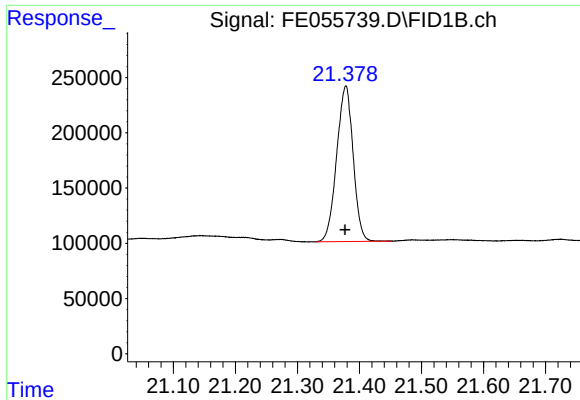
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.000 min
Response: 3141344
Conc: 22.23 ug/ml



#20 n-Hexatriacontane (C36)

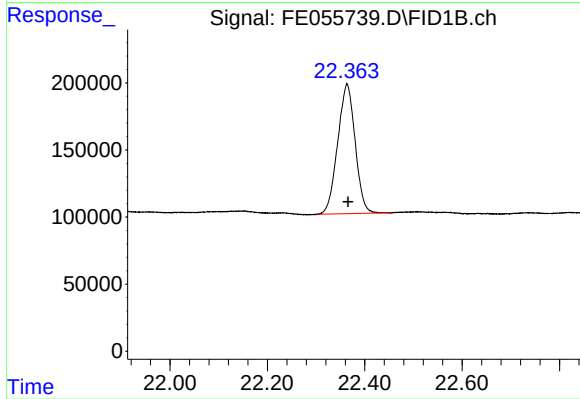
R.T.: 20.599 min
Delta R.T.: -0.001 min
Response: 2913482
Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 2593768
Conc: 19.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: -0.002 min
Response: 2407810
Conc: 18.78 ug/ml