

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055688.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 14:35
 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 06 01:42:55 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)	12.072	3421655	20.828 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
12) S 1-chlorooctadecane (S...	13.508	2576817	20.607 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T n-Nonane (C9)	3.412	2558335	20.160 ug/ml
2) T n-Decane (C10)	4.670	2647974	20.672 ug/ml
3) T A~Naphthalene (C11.7)	6.388	2998378	20.637 ug/ml
4) T n-Dodecane (C12)	6.845	2710763	20.818 ug/ml
5) T A~2-methylnaphthalene...	7.489	2896052	20.590 ug/ml
6) T n-Tetradecane (C14)	8.682	2749900	20.881 ug/ml
7) T n-Hexadecane (C16)	10.297	2875195	20.760 ug/ml
8) T n-Octadecane (C18)	11.746	3049646	20.908 ug/ml
10) T n-Eicosane (C20)	13.060	3003383	20.865 ug/ml
11) T n-Heneicosane (C21)	13.674	2974835	20.826 ug/ml
13) T n-Docosane (C22)	14.263	2994693	20.921 ug/ml
14) T n-Tetracosane (C24)	15.369	3057377	21.129 ug/ml
15) T n-Hexacosane (C26)	16.392	3019121	21.133 ug/ml
16) T n-Octacosane (C28)	17.345	3058143	21.500 ug/ml
17) T n-Tricontane (C30)	18.235	3249636	21.984 ug/ml
18) T n-Dotriacontane (C32)	19.069	3319317	22.615 ug/ml
19) T n-Tetratriacontane (C34)	19.854	3161050	22.374 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2865186	21.713 ug/ml
21) T n-Octatriacontane (C38)	21.371	2662810	20.445 ug/ml
22) T n-Tetracontane (C40)	22.356	2483066	19.363 ug/ml

(f)=RT Delta > 1/2 Window

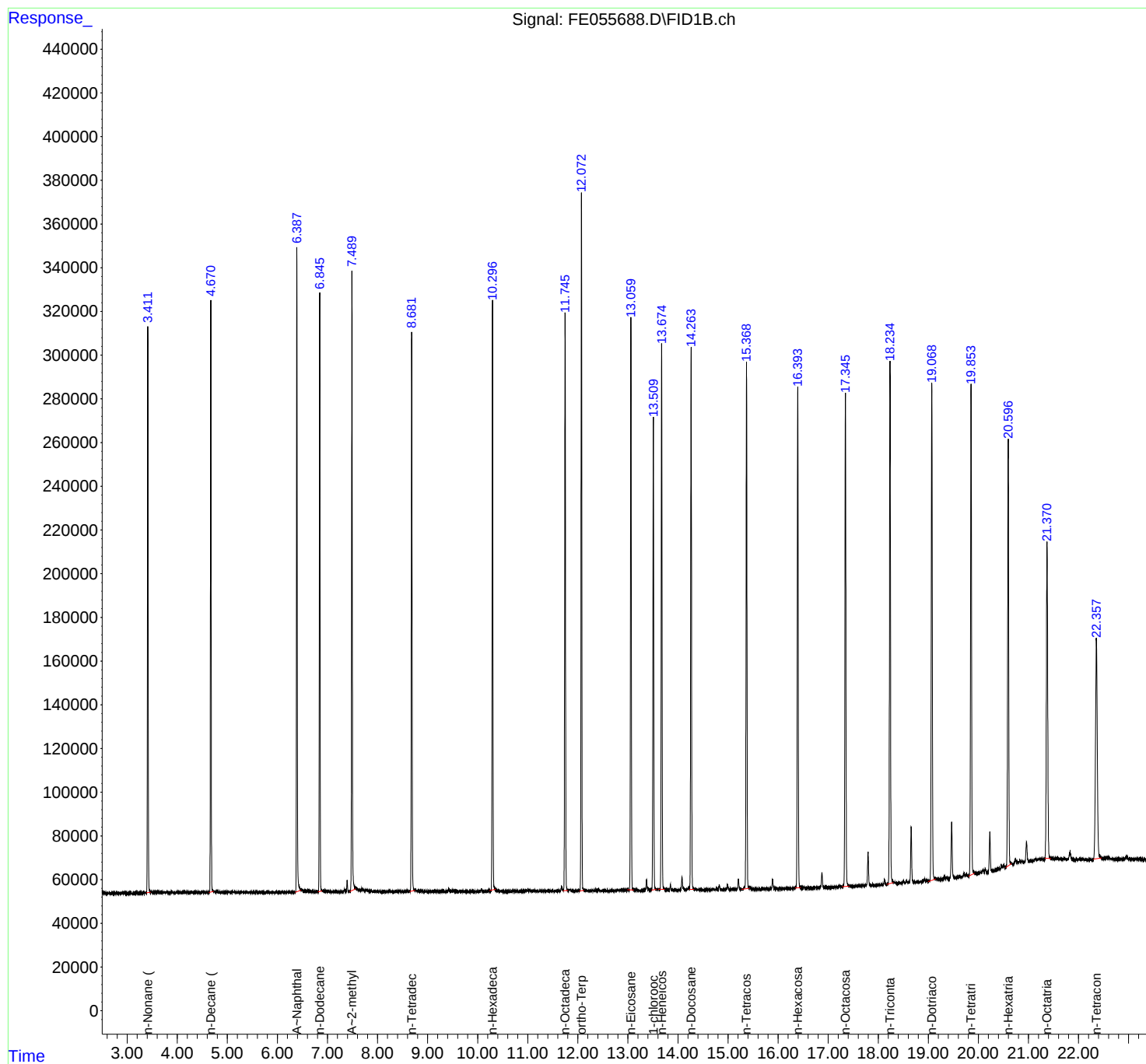
(m)=manual int.

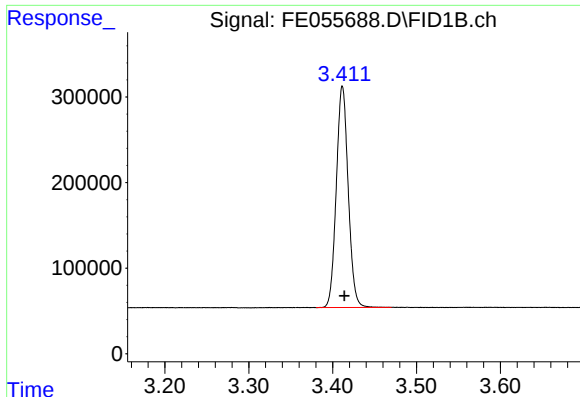
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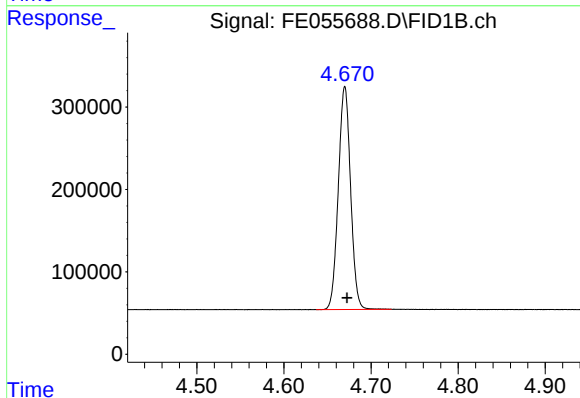




#1 n-Nonane (C9)

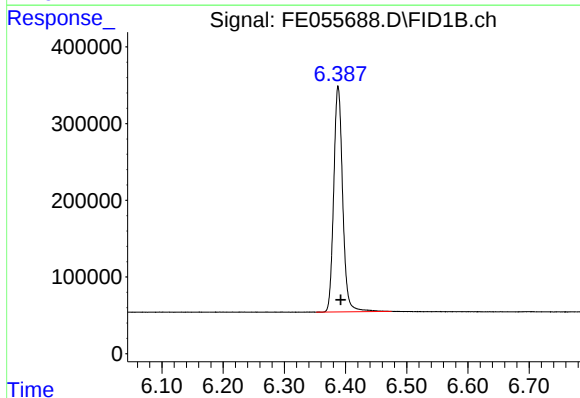
R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 2558335
Conc: 20.16 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



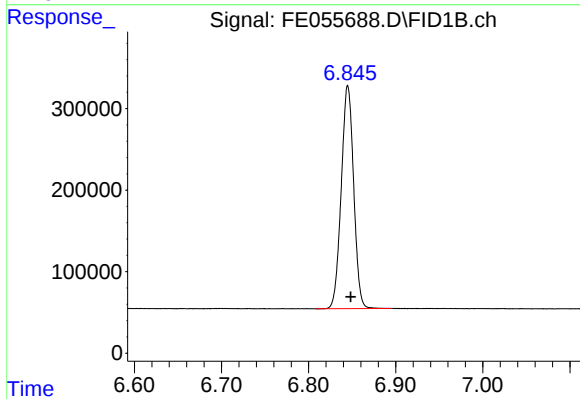
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 2647974
Conc: 20.67 ug/ml



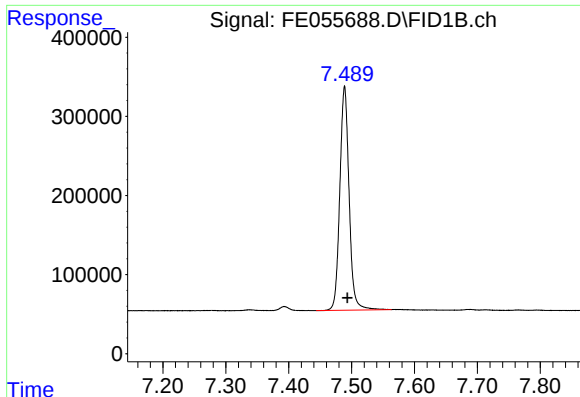
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 2998378
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

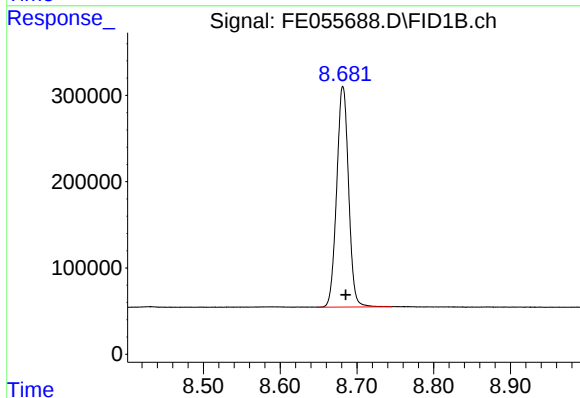
R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 2710763
Conc: 20.82 ug/ml



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

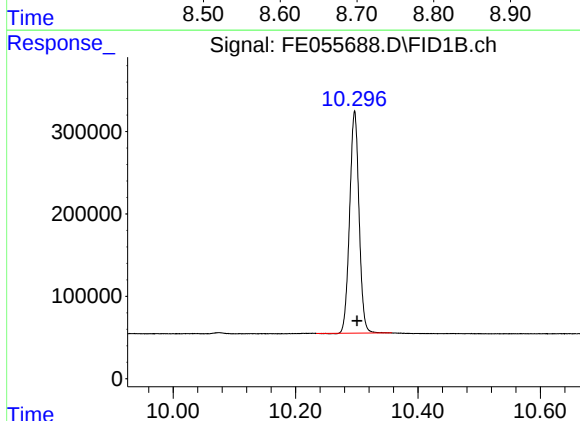
R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 2896052
Conc: 20.59 ug/ml

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20 PPM ALIPHATIC HC STD



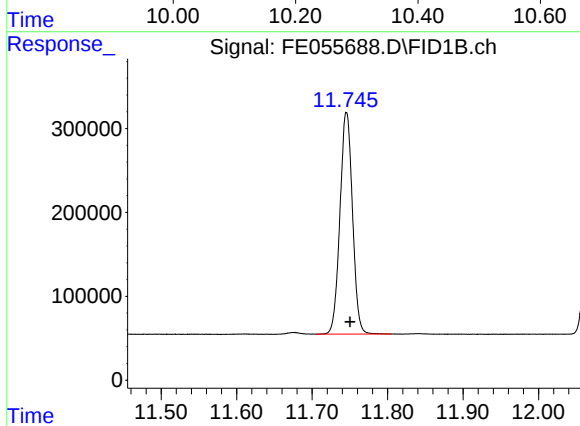
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 2749900
Conc: 20.88 ug/ml



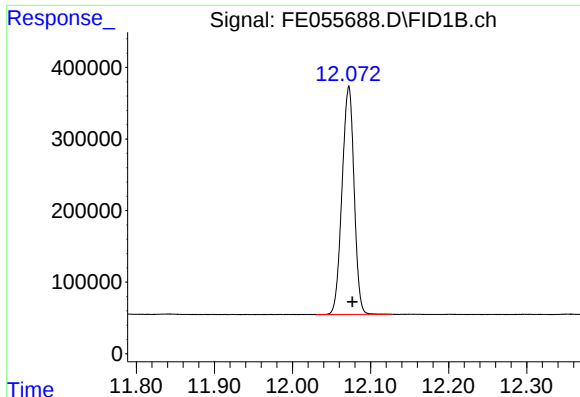
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: -0.004 min
Response: 2875195
Conc: 20.76 ug/ml



#8 n-Octadecane (C18)

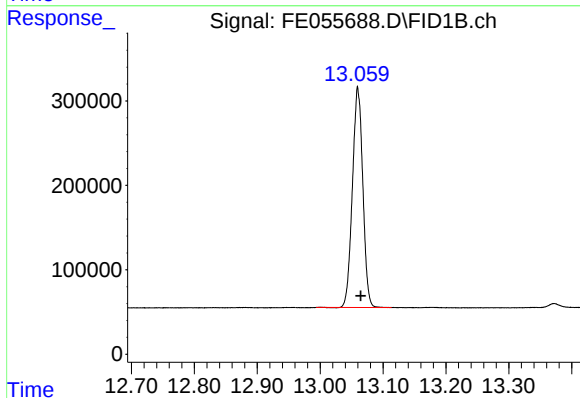
R.T.: 11.746 min
Delta R.T.: -0.005 min
Response: 3049646
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

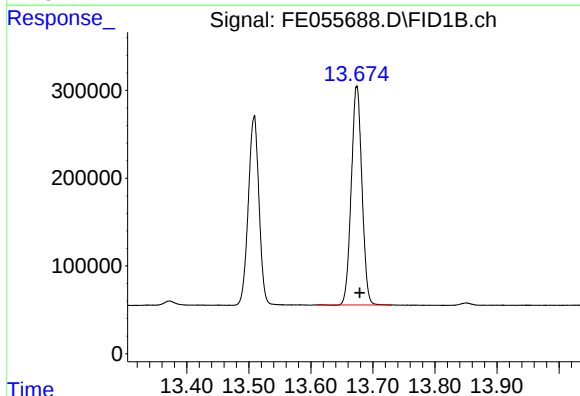
R.T.: 12.072 min
Delta R.T.: -0.005 min
Response: 3421655
Conc: 20.83 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



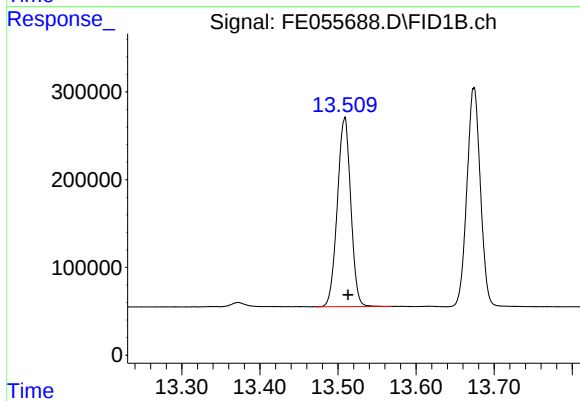
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: -0.004 min
Response: 3003383
Conc: 20.86 ug/ml



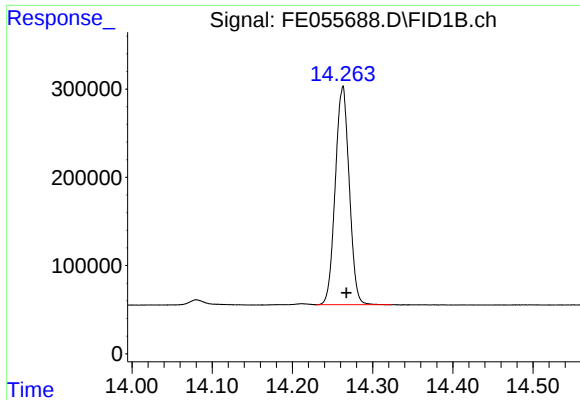
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: -0.005 min
Response: 2974835
Conc: 20.83 ug/ml



#12 1-chlorooctadecane (SURR)

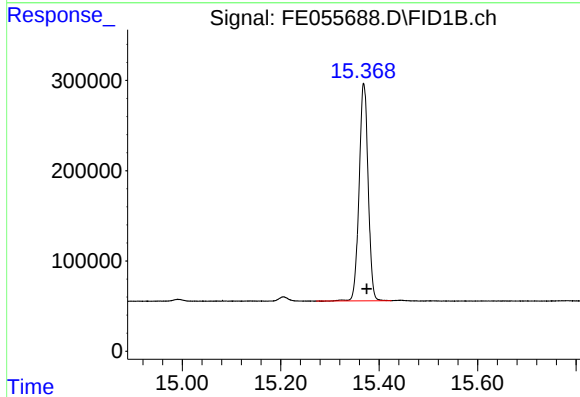
R.T.: 13.508 min
Delta R.T.: -0.005 min
Response: 2576817
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

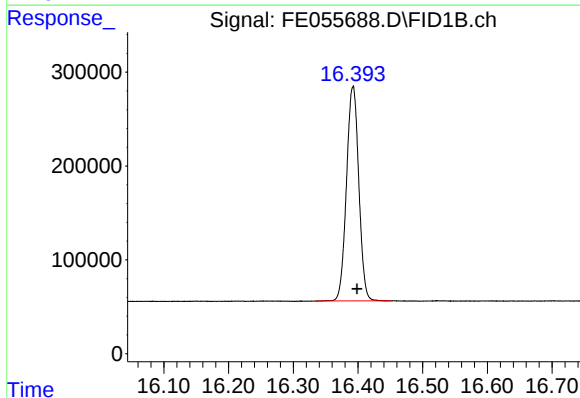
R.T.: 14.263 min
Delta R.T.: -0.005 min
Response: 2994693
Conc: 20.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



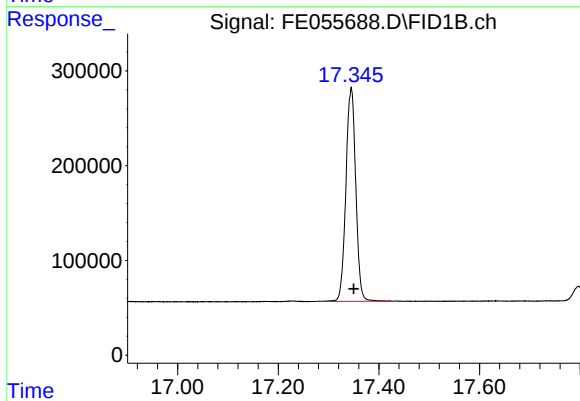
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.006 min
Response: 3057377
Conc: 21.13 ug/ml



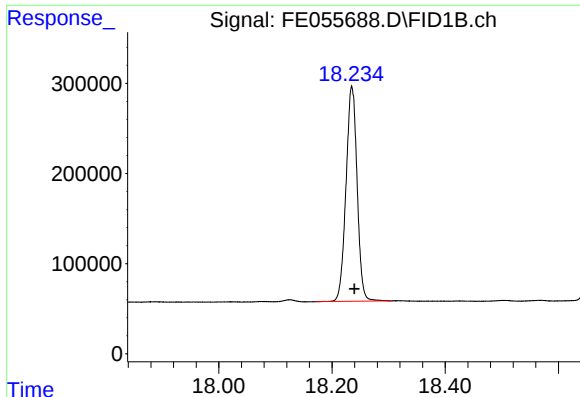
#15 n-Hexacosane (C26)

R.T.: 16.392 min
Delta R.T.: -0.006 min
Response: 3019121
Conc: 21.13 ug/ml



#16 n-Octacosane (C28)

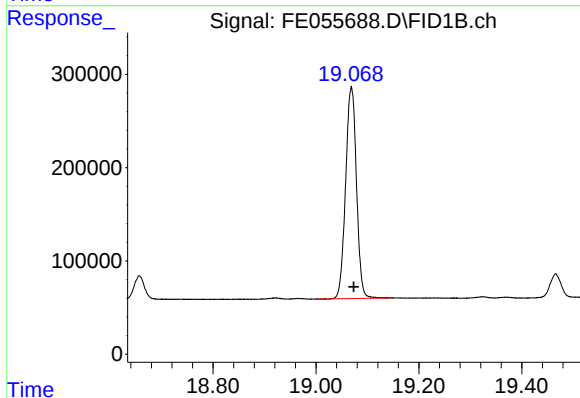
R.T.: 17.345 min
Delta R.T.: -0.005 min
Response: 3058143
Conc: 21.50 ug/ml



#17 n-Tricontane (C30)

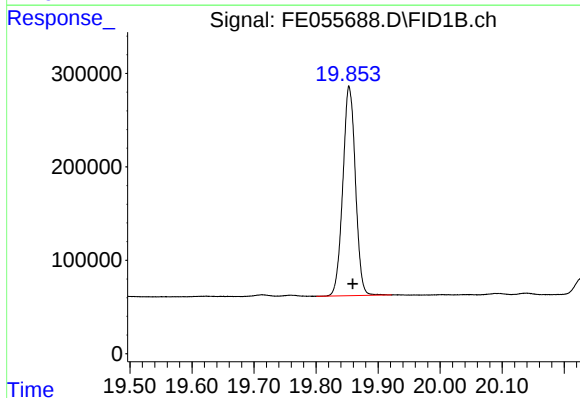
R.T.: 18.235 min
Delta R.T.: -0.004 min
Response: 3249636
Conc: 21.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



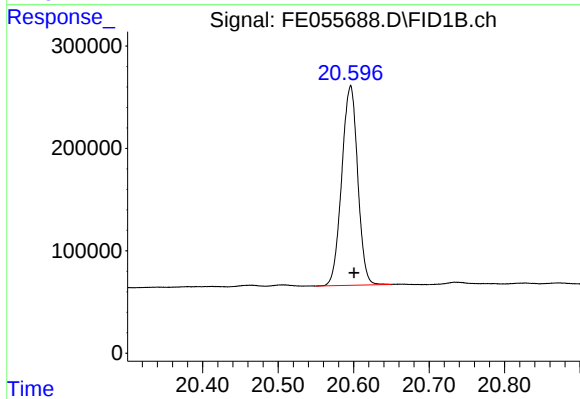
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: -0.005 min
Response: 3319317
Conc: 22.61 ug/ml



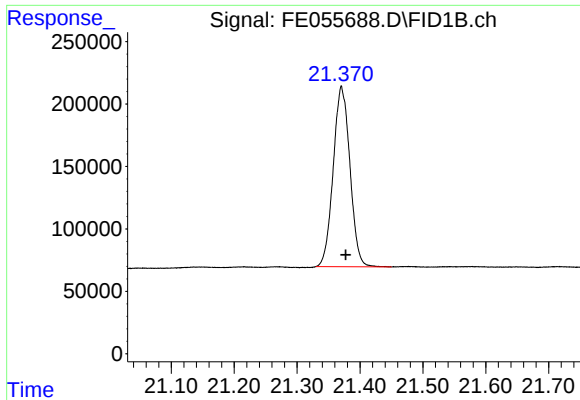
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: -0.005 min
Response: 3161050
Conc: 22.37 ug/ml



#20 n-Hexatriacontane (C36)

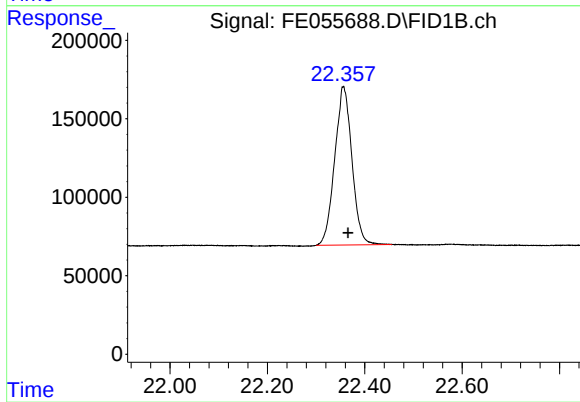
R.T.: 20.596 min
Delta R.T.: -0.005 min
Response: 2865186
Conc: 21.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.371 min
Delta R.T.: -0.006 min
Response: 2662810
Conc: 20.45 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.356 min
Delta R.T.: -0.009 min
Response: 2483066
Conc: 19.36 ug/ml