

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061622AL\
 Data File : FE036097.D
 Signal(s) : FID1B.CH
 Acq On : 16 Jun 2022 15:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jun 17 01:14:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.865	2636439	19.301 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
12) S 1-chlorooctadecane (S...	12.304	2040783	19.528 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T n-Nonane (C9)	2.724	2593828	20.544 ug/ml
2) T n-Decane (C10)	3.734	2545930	20.442 ug/ml
3) T A~Naphthalene (C11.7)	5.293	2770153	19.901 ug/ml
4) T n-Dodecane (C12)	5.723	2520944	20.043 ug/ml
5) T A~2-methylnaphthalene...	6.341	2754995	19.714 ug/ml
6) T n-Tetradecane (C14)	7.514	2454681	19.640 ug/ml
7) T n-Hexadecane (C16)	9.113	2404440	19.646 ug/ml
8) T n-Octadecane (C18)	10.554	2386909	19.610 ug/ml
10) T n-Eicosane (C20)	11.862	2359147	19.534 ug/ml
11) T n-Heneicosane (C21)	12.473	2360283	19.491 ug/ml
13) T n-Docosane (C22)	13.059	2350441	19.458 ug/ml
14) T n-Tetracosane (C24)	14.160	2352824	19.382 ug/ml
15) T n-Hexacosane (C26)	15.181	2337846	19.248 ug/ml
16) T n-Octacosane (C28)	16.131	2325431	19.112 ug/ml
17) T n-Tricontane (C30)	17.018	2323863	19.191 ug/ml
18) T n-Dotriacontane (C32)	17.850	2234425	19.126 ug/ml
19) T n-Tetratriacontane (C34)	18.633	2107307	19.259 ug/ml
20) T n-Hexatriacontane (C36)	19.373	1996616	19.569 ug/ml
21) T n-Octatriacontane (C38)	20.102	1936174	19.684 ug/ml
22) T n-Tetracontane (C40)	20.991	1973778	20.269 ug/ml

(f)=RT Delta > 1/2 Window

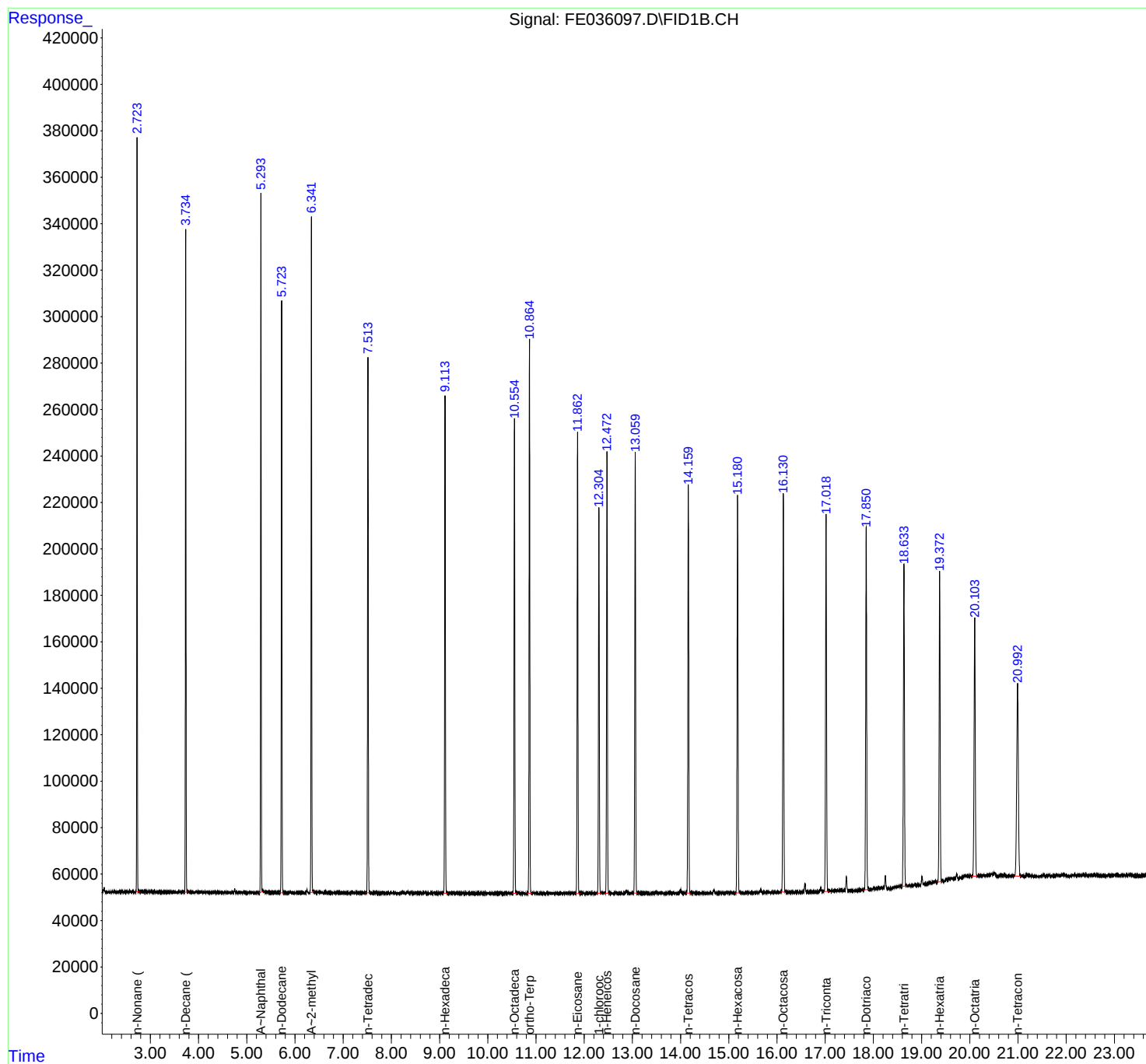
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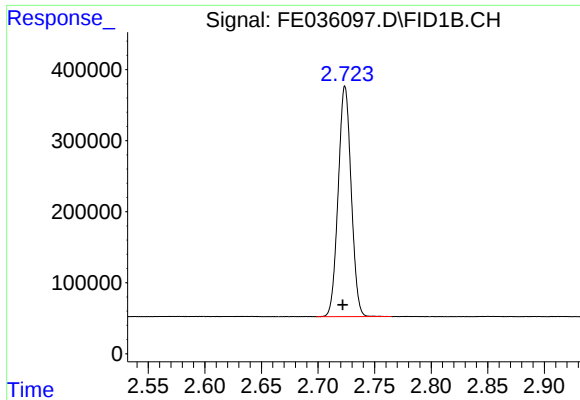
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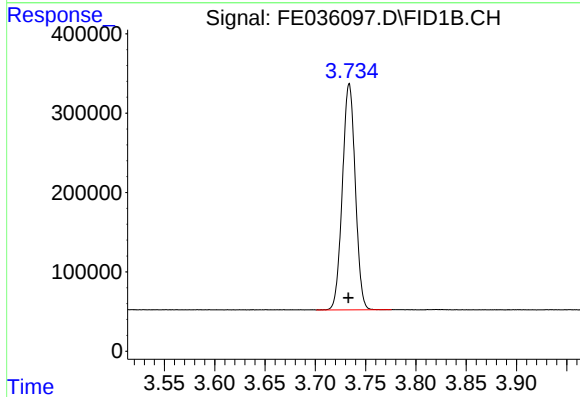




#1 n-Nonane (C9)

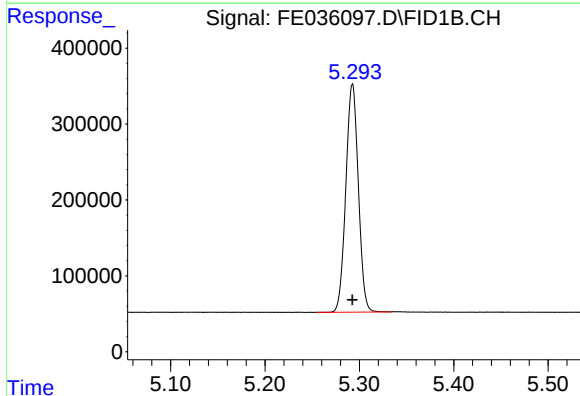
R.T.: 2.724 min
Delta R.T.: 0.002 min
Response: 2593828
Conc: 20.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



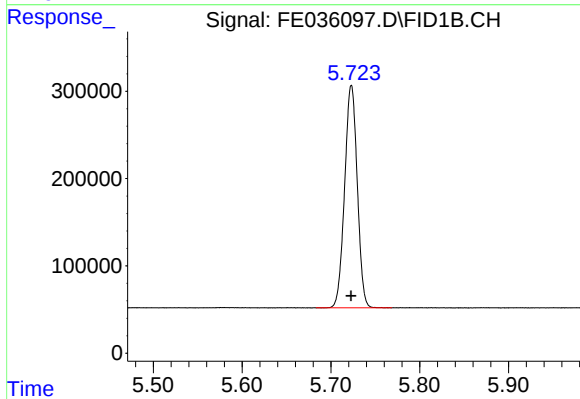
#2 n-Decane (C10)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 2545930
Conc: 20.44 ug/ml



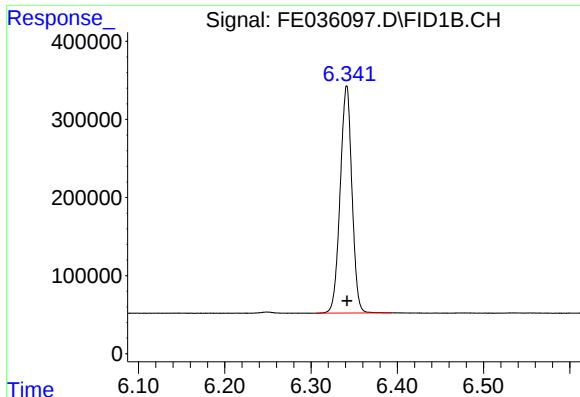
#3 A~Naphthalene (C11.7)

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 2770153
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

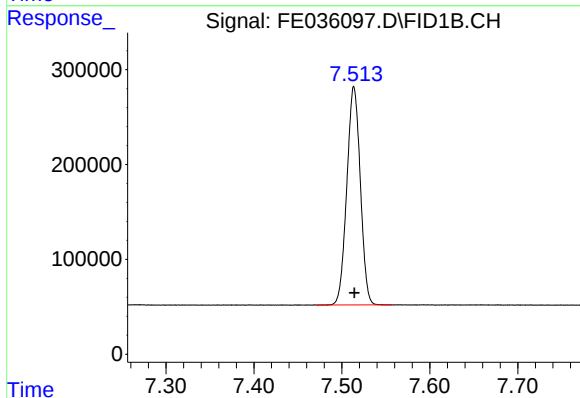
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 2520944
Conc: 20.04 ug/ml



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

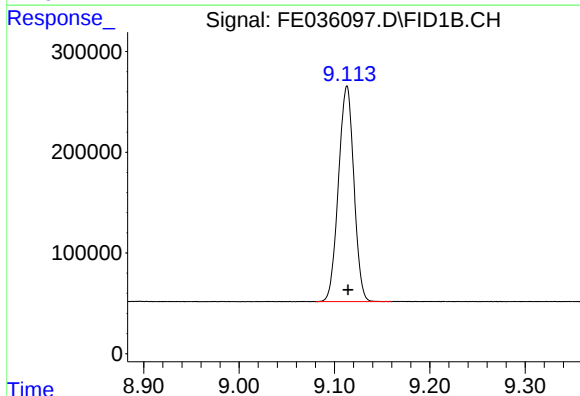
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 2754995
Conc: 19.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



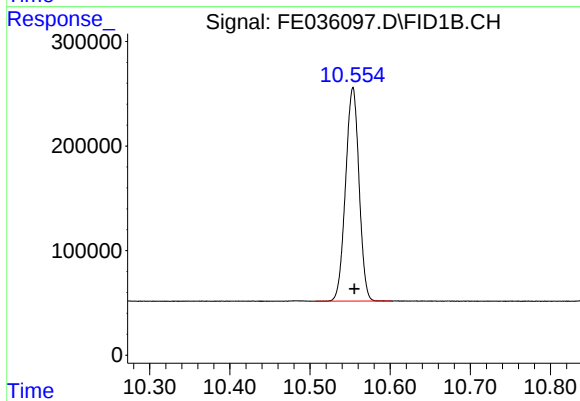
#6 n-Tetradecane (C14)

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 2454681
Conc: 19.64 ug/ml



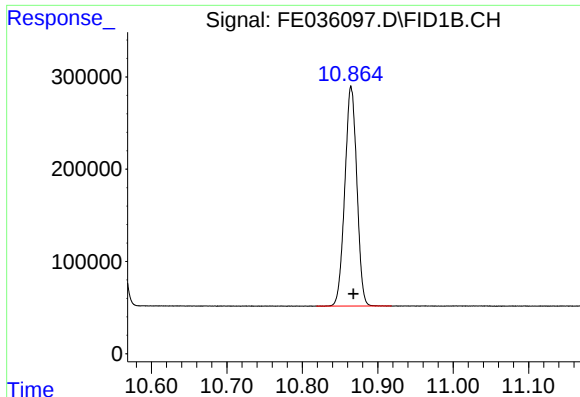
#7 n-Hexadecane (C16)

R.T.: 9.113 min
Delta R.T.: -0.001 min
Response: 2404440
Conc: 19.65 ug/ml



#8 n-Octadecane (C18)

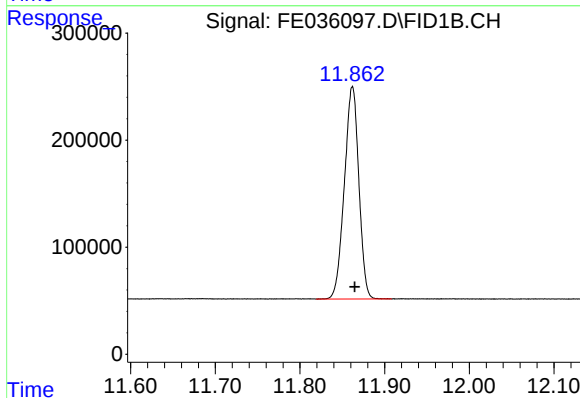
R.T.: 10.554 min
Delta R.T.: -0.002 min
Response: 2386909
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

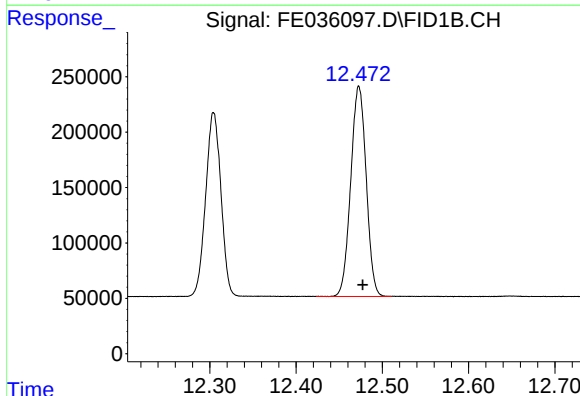
R.T.: 10.865 min
Delta R.T.: -0.003 min
Response: 2636439
Conc: 19.30 ug/ml

Instrument :
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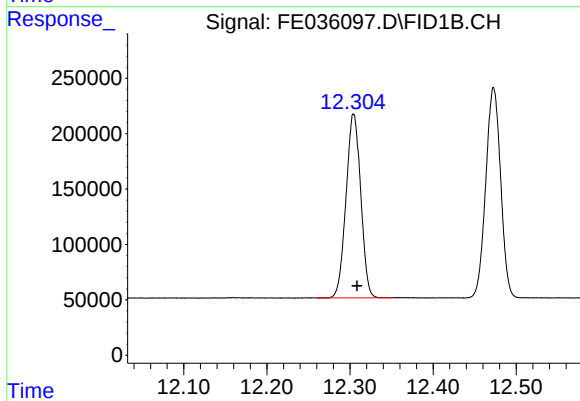
#10 n-Eicosane (C20)

R.T.: 11.862 min
Delta R.T.: -0.003 min
Response: 2359147
Conc: 19.53 ug/ml



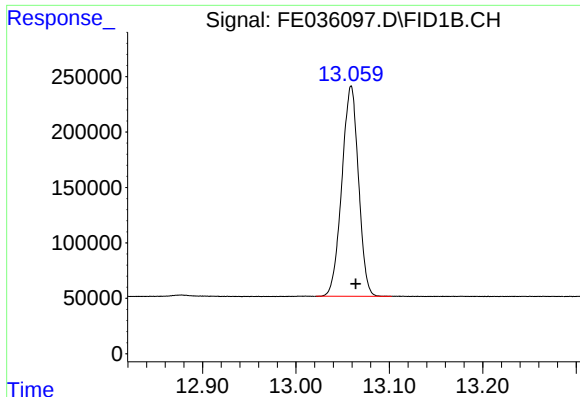
#11 n-Heneicosane (C21)

R.T.: 12.473 min
Delta R.T.: -0.005 min
Response: 2360283
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

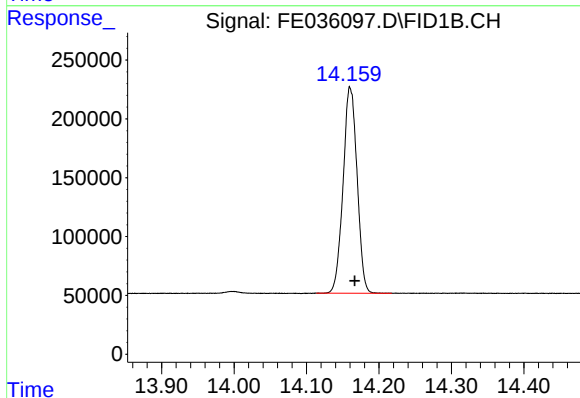
R.T.: 12.304 min
Delta R.T.: -0.004 min
Response: 2040783
Conc: 19.53 ug/ml



#13 n-Docosane (C22)

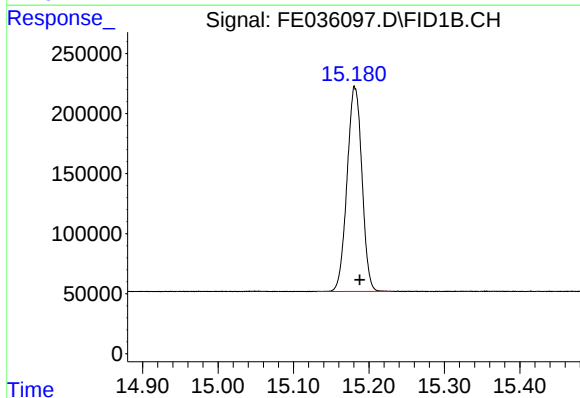
R.T.: 13.059 min
Delta R.T.: -0.005 min
Response: 2350441
Conc: 19.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



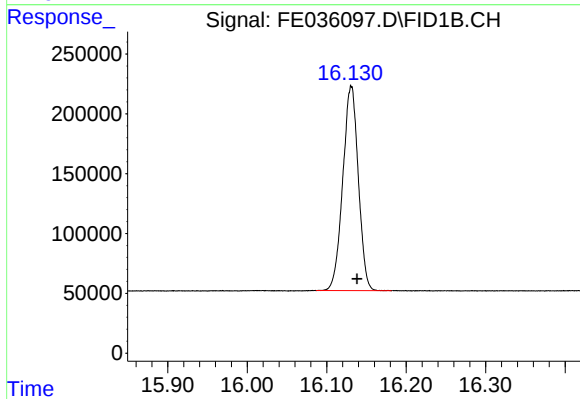
#14 n-Tetracosane (C24)

R.T.: 14.160 min
Delta R.T.: -0.007 min
Response: 2352824
Conc: 19.38 ug/ml



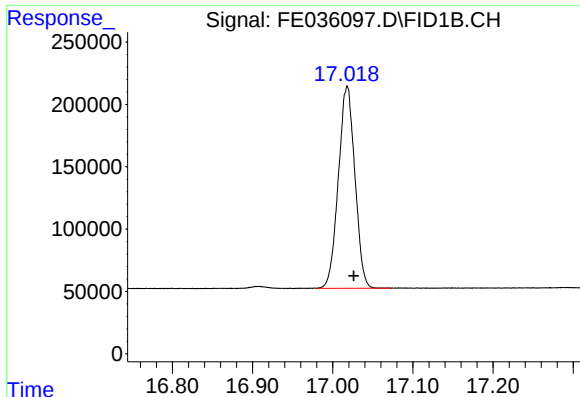
#15 n-Hexacosane (C26)

R.T.: 15.181 min
Delta R.T.: -0.007 min
Response: 2337846
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

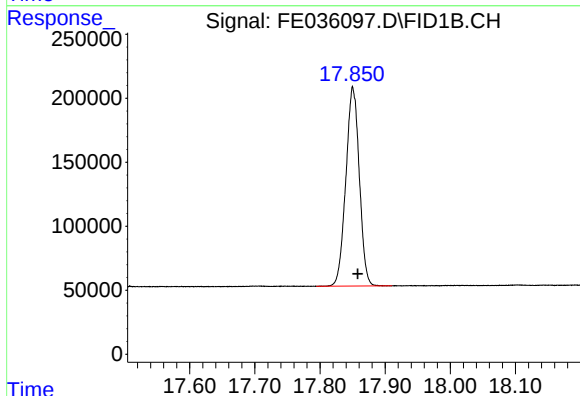
R.T.: 16.131 min
Delta R.T.: -0.007 min
Response: 2325431
Conc: 19.11 ug/ml



#17 n-Tricontane (C30)

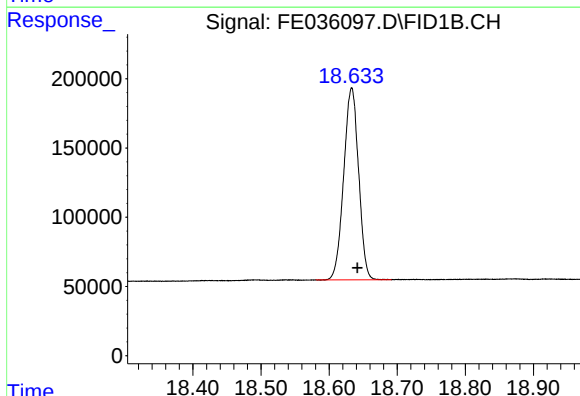
R.T.: 17.018 min
Delta R.T.: -0.008 min
Response: 2323863
Conc: 19.19 ug/ml

Instrument :
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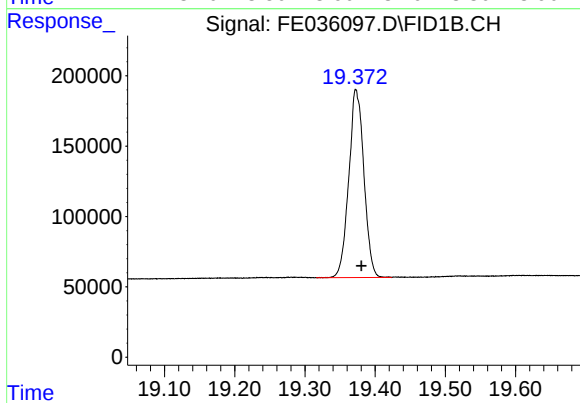
#18 n-Dotriacontane (C32)

R.T.: 17.850 min
Delta R.T.: -0.008 min
Response: 2234425
Conc: 19.13 ug/ml



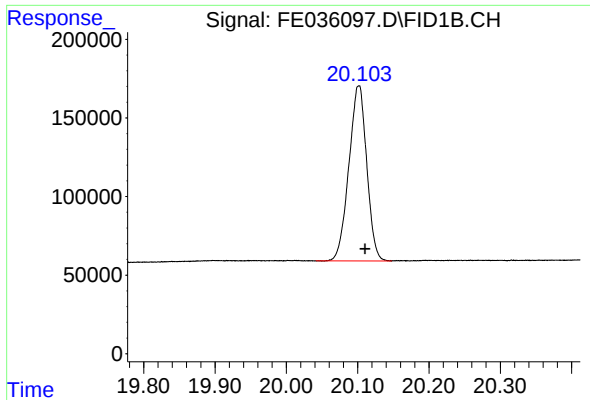
#19 n-Tetratriacontane (C34)

R.T.: 18.633 min
Delta R.T.: -0.008 min
Response: 2107307
Conc: 19.26 ug/ml



#20 n-Hexatriacontane (C36)

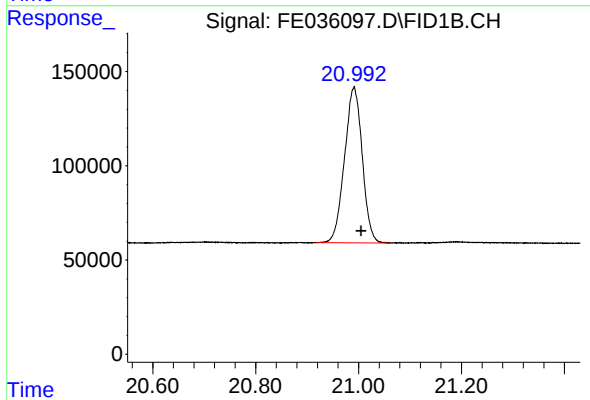
R.T.: 19.373 min
Delta R.T.: -0.008 min
Response: 1996616
Conc: 19.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.102 min
Delta R.T.: -0.009 min
Response: 1936174
Conc: 19.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.991 min
Delta R.T.: -0.014 min
Response: 1973778
Conc: 20.27 ug/ml