

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054142.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 07:43
 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: Jun 03 10:53:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.839	3420659	21.049 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
12) S 1-chlorooctadecane (S...	13.284	2545653	21.473 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
Target Compounds			
1) T n-Nonane (C9)	3.185	2432505	17.998 ug/ml
2) T n-Decane (C10)	4.448	2525666	18.690 ug/ml
3) T A~Naphthalene (C11.7)	6.164	2842190	19.777 ug/ml
4) T n-Dodecane (C12)	6.630	2663367	19.525 ug/ml
5) T A~2-methylnaphthalene...	7.266	2819564	20.327 ug/ml
6) T n-Tetradecane (C14)	8.466	2704175	20.039 ug/ml
7) T n-Hexadecane (C16)	10.078	2804589	20.785 ug/ml
8) T n-Octadecane (C18)	11.525	2771905	20.584 ug/ml
10) T n-Eicosane (C20)	12.838	2801626	21.317 ug/ml
11) T n-Heneicosane (C21)	13.452	2772944	21.389 ug/ml
13) T n-Docosane (C22)	14.039	2775423	21.755 ug/ml
14) T n-Tetracosane (C24)	15.145	2818273	22.525 ug/ml
15) T n-Hexacosane (C26)	16.168	2771140	22.631 ug/ml
16) T n-Octacosane (C28)	17.120	2728817	22.448 ug/ml
17) T n-Tricontane (C30)	18.008	2760542	22.162 ug/ml
18) T n-Dotriacontane (C32)	18.843	2698313	21.577 ug/ml
19) T n-Tetratriacontane (C34)	19.628	2469088	20.727 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2254035	19.467 ug/ml
21) T n-Octatriacontane (C38)	21.099	2024759	18.606 ug/ml
22) T n-Tetracontane (C40)	21.991	1936741	19.518 ug/ml

(f)=RT Delta > 1/2 Window

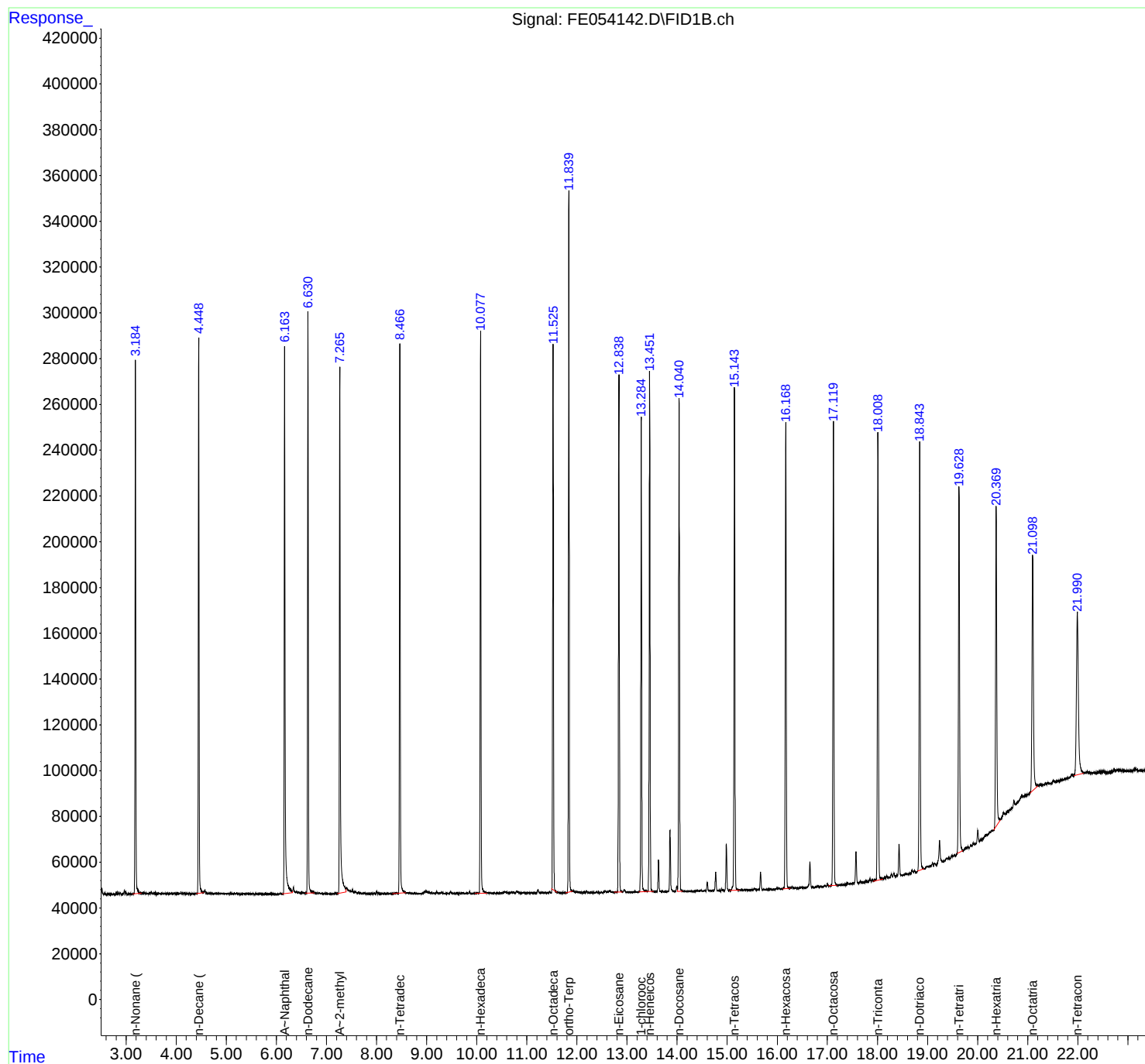
(m)=manual int.

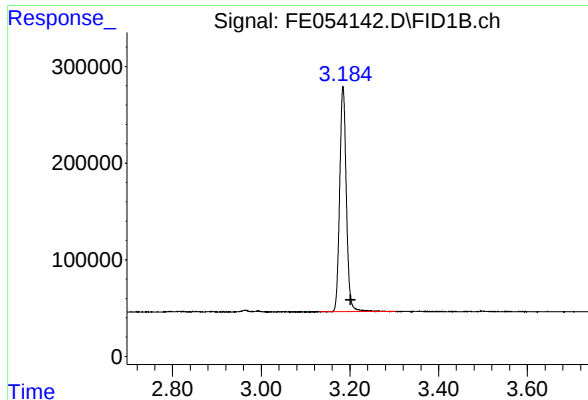
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
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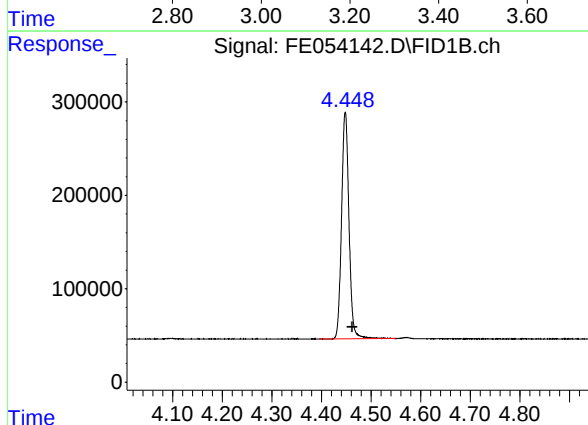




#1 n-Nonane (C9)

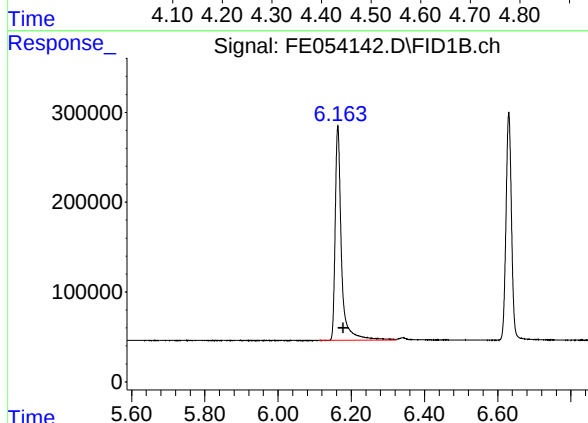
R.T.: 3.185 min
Delta R.T.: -0.017 min
Response: 2432505
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



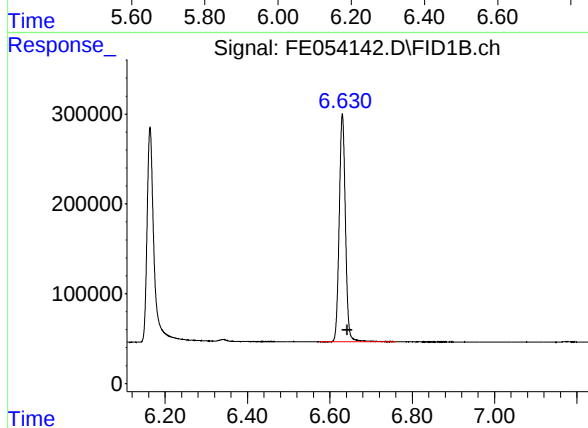
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.014 min
Response: 2525666
Conc: 18.69 ug/ml



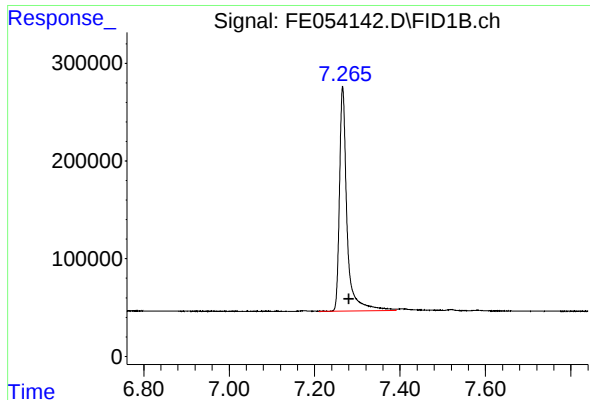
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.015 min
Response: 2842190
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

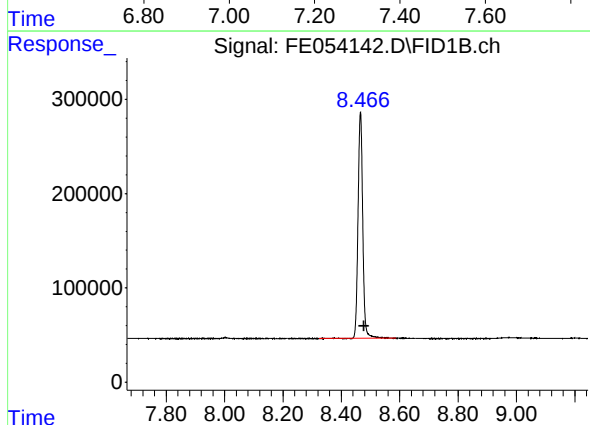
R.T.: 6.630 min
Delta R.T.: -0.012 min
Response: 2663367
Conc: 19.53 ug/ml



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

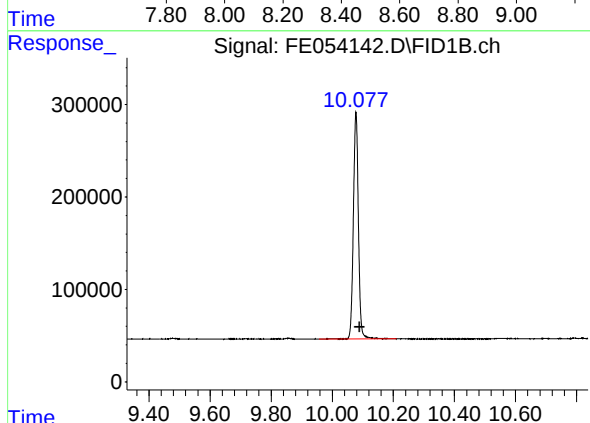
R.T.: 7.266 min
Delta R.T.: -0.014 min
Response: 2819564
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



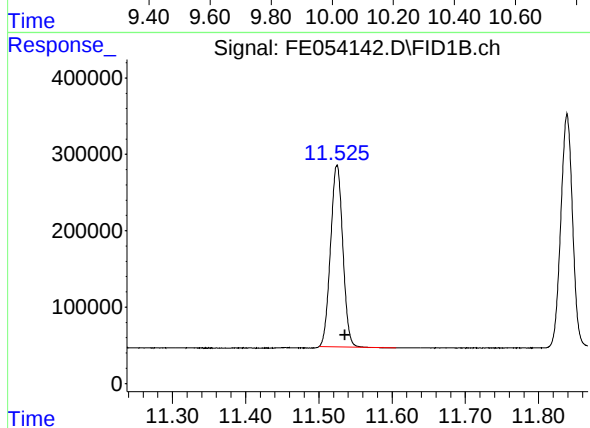
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.012 min
Response: 2704175
Conc: 20.04 ug/ml



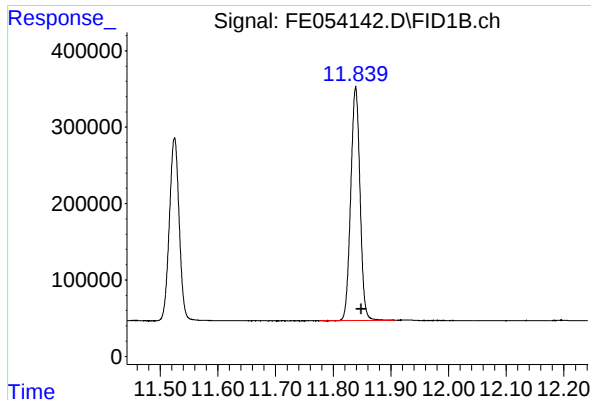
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.012 min
Response: 2804589
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

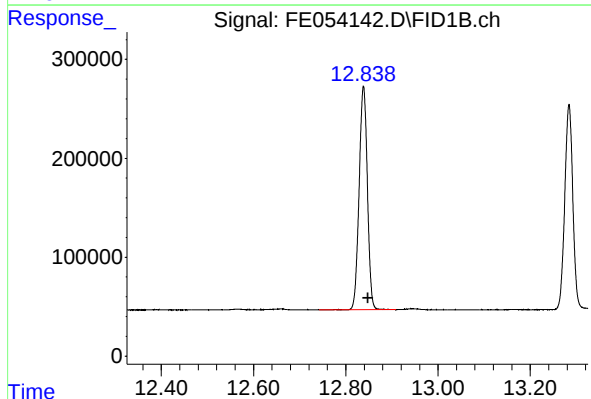
R.T.: 11.525 min
Delta R.T.: -0.011 min
Response: 2771905
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

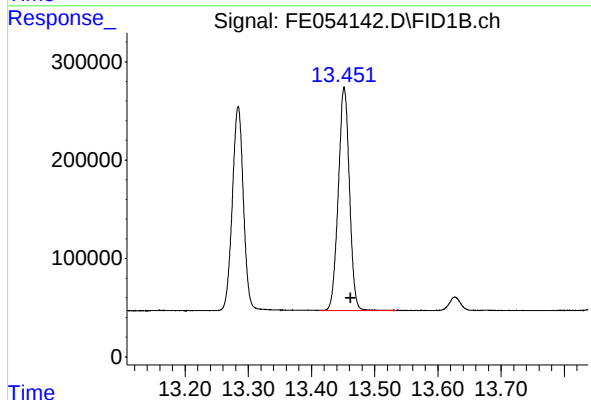
R.T.: 11.839 min
Delta R.T.: -0.010 min
Response: 3420659
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



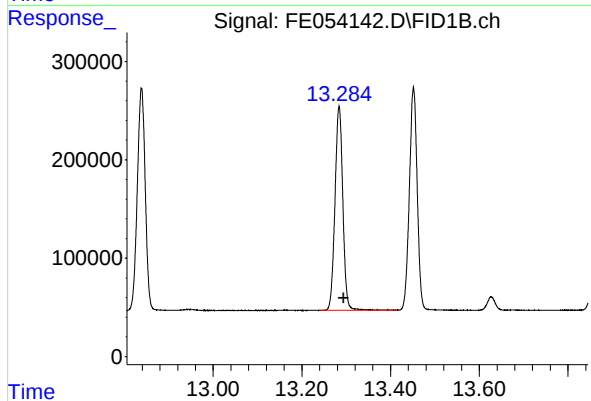
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.010 min
Response: 2801626
Conc: 21.32 ug/ml



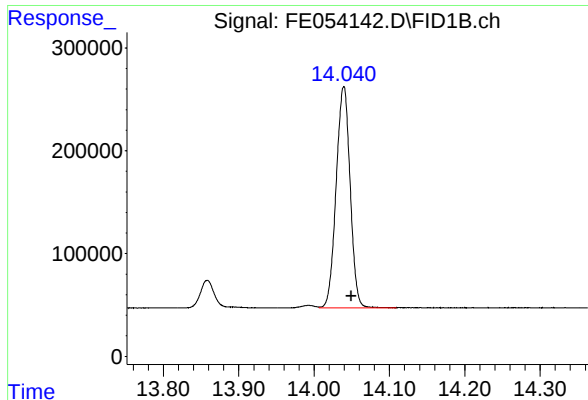
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.011 min
Response: 2772944
Conc: 21.39 ug/ml



#12 1-chlorooctadecane (SURR)

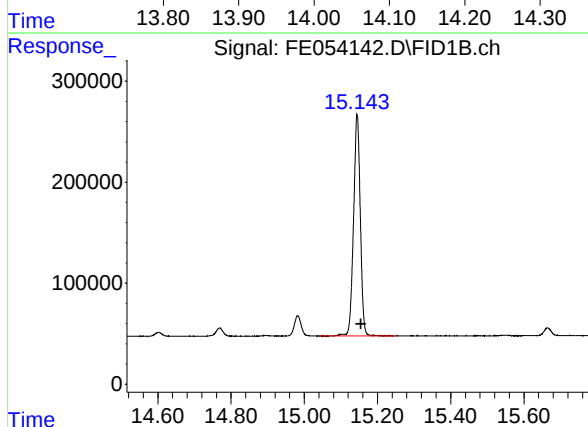
R.T.: 13.284 min
Delta R.T.: -0.011 min
Response: 2545653
Conc: 21.47 ug/ml



#13 n-Docosane (C22)

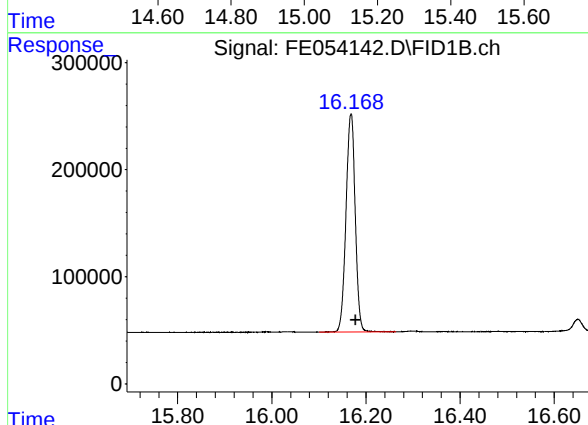
R.T.: 14.039 min
Delta R.T.: -0.010 min
Response: 2775423
Conc: 21.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



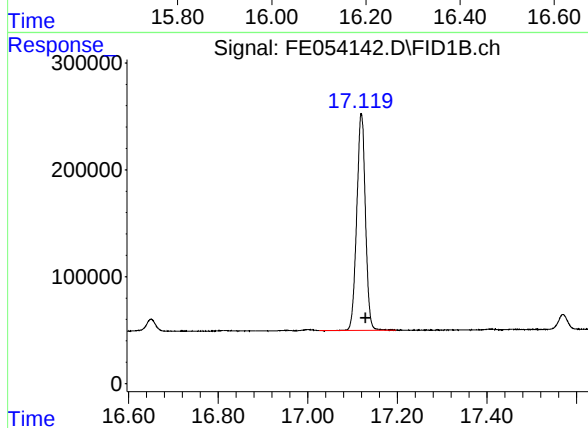
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.010 min
Response: 2818273
Conc: 22.53 ug/ml



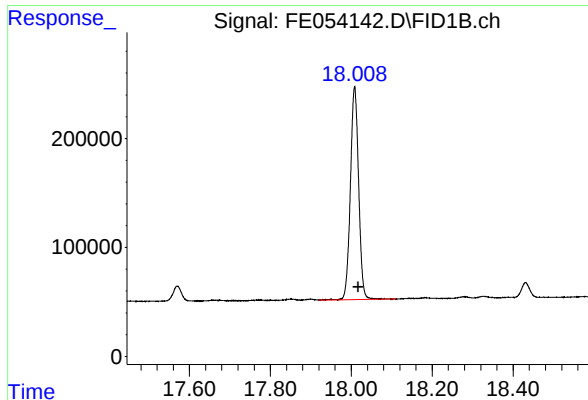
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.010 min
Response: 2771140
Conc: 22.63 ug/ml



#16 n-Octacosane (C28)

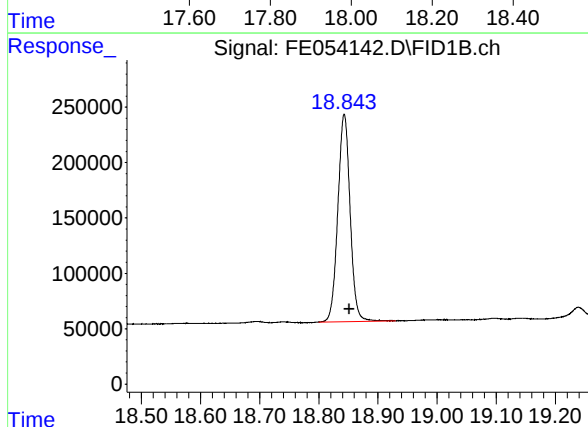
R.T.: 17.120 min
Delta R.T.: -0.009 min
Response: 2728817
Conc: 22.45 ug/ml



#17 n-Tricontane (C30)

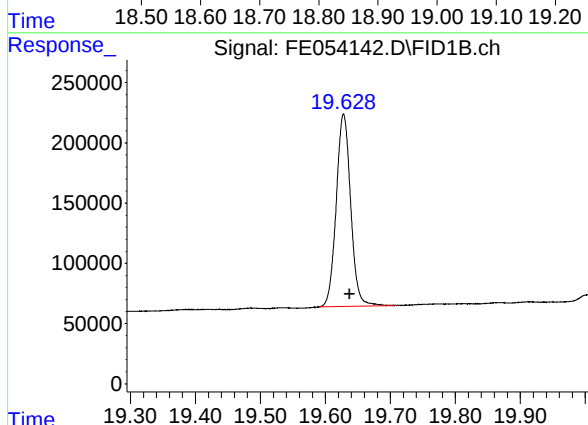
R.T.: 18.008 min
Delta R.T.: -0.010 min
Response: 2760542
Conc: 22.16 ug/ml

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20 PPM ALIPHATIC HC STD



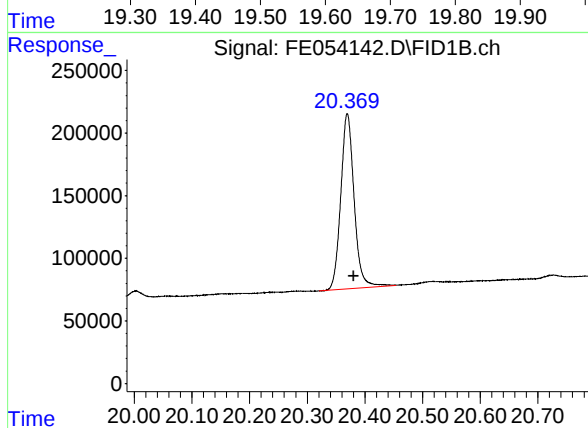
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.009 min
Response: 2698313
Conc: 21.58 ug/ml



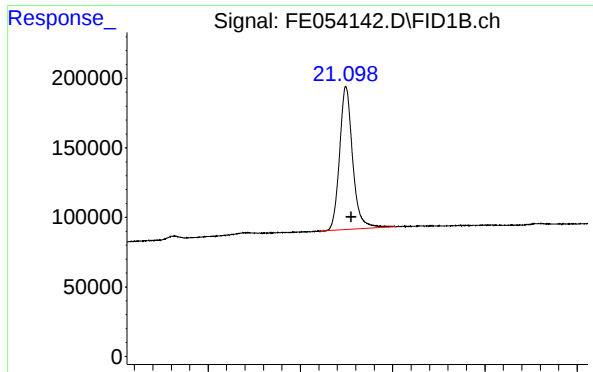
#19 n-Tetatriacontane (C34)

R.T.: 19.628 min
Delta R.T.: -0.010 min
Response: 2469088
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

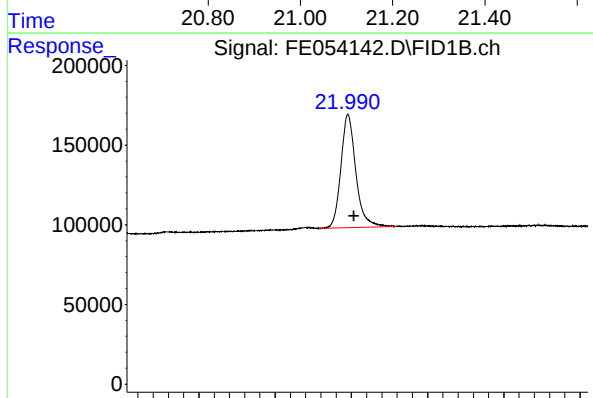
R.T.: 20.370 min
Delta R.T.: -0.011 min
Response: 2254035
Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.012 min
Response: 2024759
Conc: 18.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.016 min
Response: 1936741
Conc: 19.52 ug/ml