

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054432.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 06:19
 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 17 07:02:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.824	3433594	20.780 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
12) S 1-chlorooctadecane (S...	13.269	2562278	21.011 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
Target Compounds			
1) T n-Nonane (C9)	3.173	2527405	20.353 ug/ml
2) T n-Decane (C10)	4.436	2570163	20.685 ug/ml
3) T A~Naphthalene (C11.7)	6.152	2722645	20.147 ug/ml
4) T n-Dodecane (C12)	6.618	2633652	20.683 ug/ml
5) T A~2-methylnaphthalene...	7.254	2707117	20.438 ug/ml
6) T n-Tetradecane (C14)	8.453	2659875	20.545 ug/ml
7) T n-Hexadecane (C16)	10.065	2739410	20.622 ug/ml
8) T n-Octadecane (C18)	11.511	2804844	20.772 ug/ml
10) T n-Eicosane (C20)	12.824	2782404	20.799 ug/ml
11) T n-Heneicosane (C21)	13.437	2778235	20.894 ug/ml
13) T n-Docosane (C22)	14.024	2749475	20.969 ug/ml
14) T n-Tetracosane (C24)	15.129	2739894	21.240 ug/ml
15) T n-Hexacosane (C26)	16.152	2681738	21.364 ug/ml
16) T n-Octacosane (C28)	17.103	2663617	21.721 ug/ml
17) T n-Tricontane (C30)	17.992	2769422	22.344 ug/ml
18) T n-Dotriacontane (C32)	18.826	2840276	22.606 ug/ml
19) T n-Tetratriacontane (C34)	19.611	2684881	21.581 ug/ml
20) T n-Hexatriacontane (C36)	20.352	2701363	20.985 ug/ml
21) T n-Octatriacontane (C38)	21.078	2683892	20.326 ug/ml
22) T n-Tetracontane (C40)	21.967	2513001	18.655 ug/ml

(f)=RT Delta > 1/2 Window

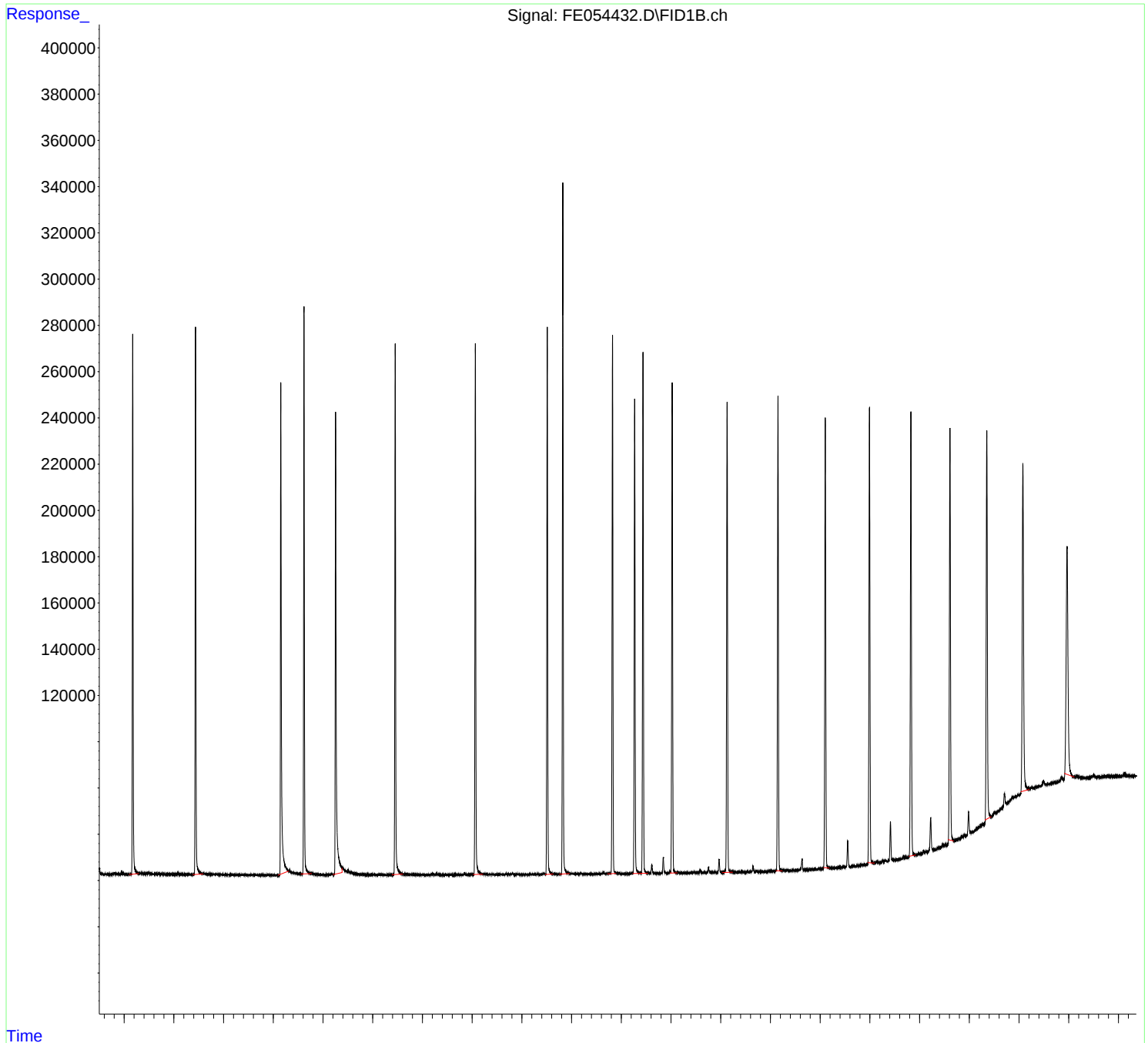
(m)=manual int.

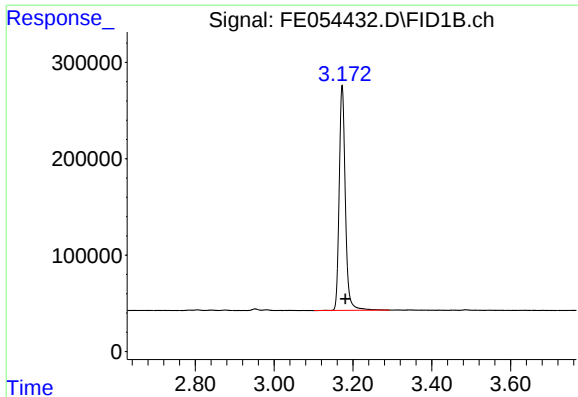
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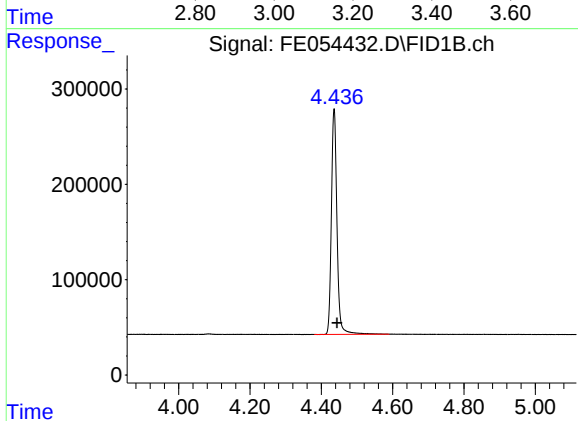




#1 n-Nonane (C9)

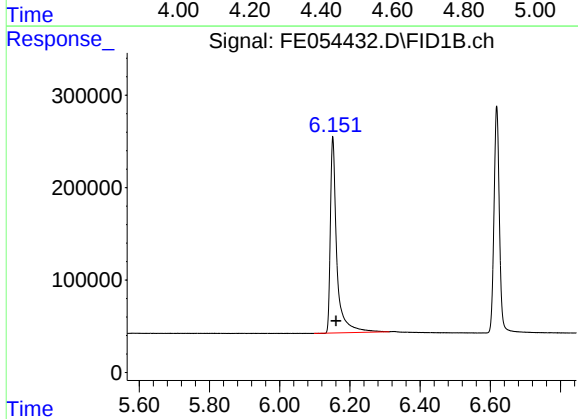
R.T.: 3.173 min
Delta R.T.: -0.008 min
Response: 2527405
Conc: 20.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



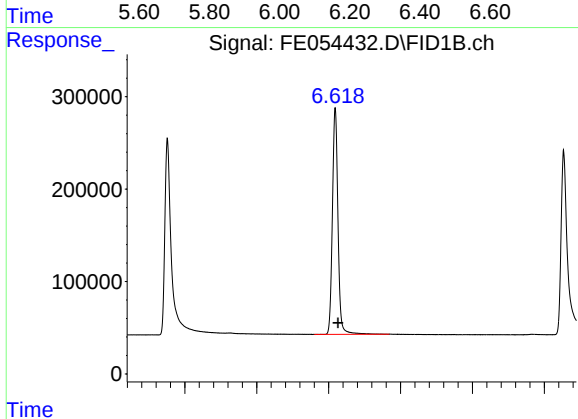
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: -0.008 min
Response: 2570163
Conc: 20.68 ug/ml



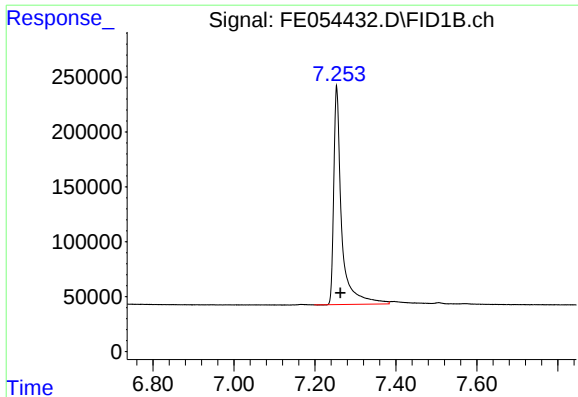
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: -0.009 min
Response: 2722645
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

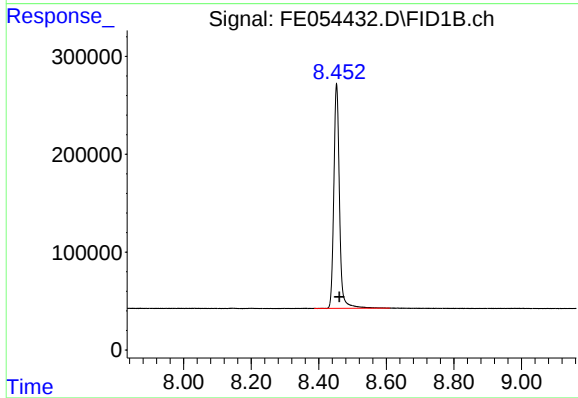
R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 2633652
Conc: 20.68 ug/ml



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

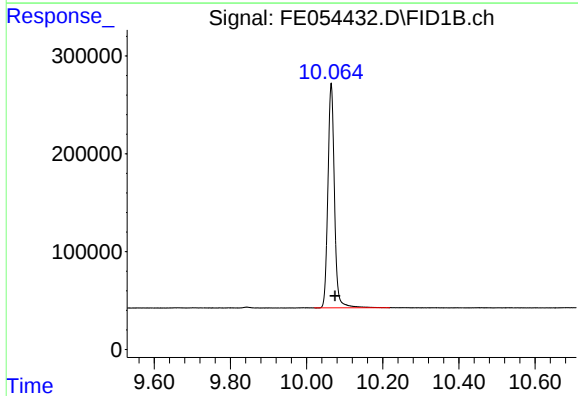
R.T.: 7.254 min
Delta R.T.: -0.009 min
Response: 2707117
Conc: 20.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



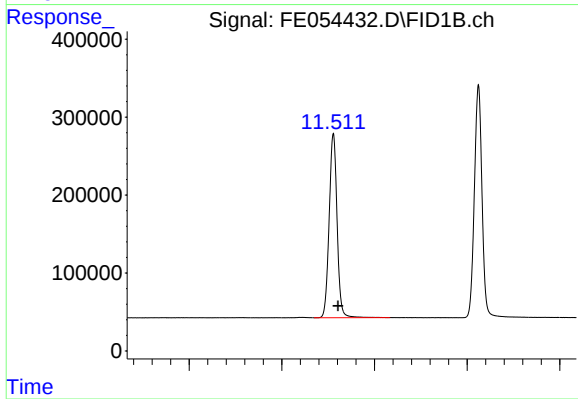
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 2659875
Conc: 20.55 ug/ml



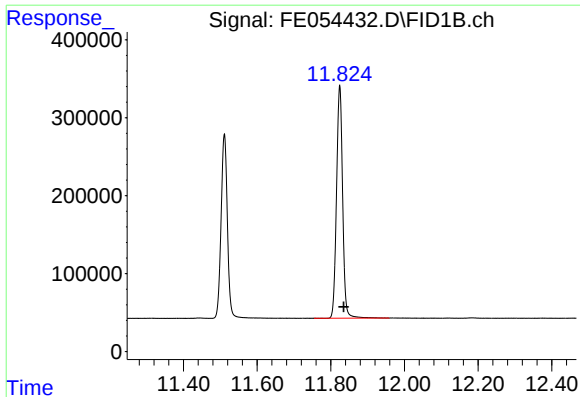
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.010 min
Response: 2739410
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

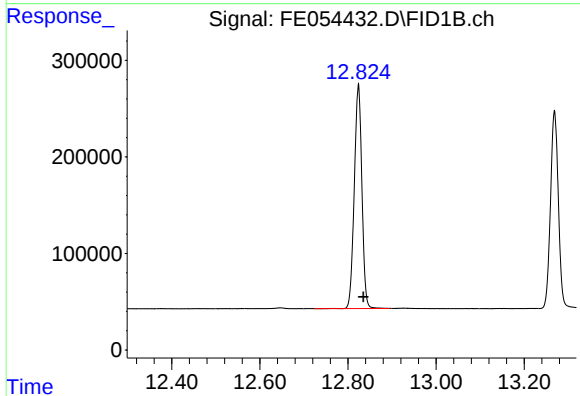
R.T.: 11.511 min
Delta R.T.: -0.010 min
Response: 2804844
Conc: 20.77 ug/ml



#9 ortho-Terphenyl (SURR)

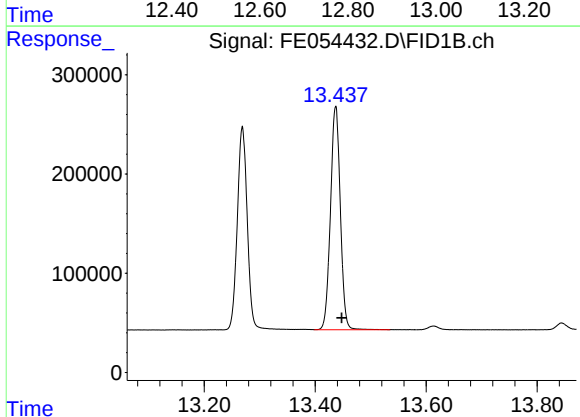
R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 3433594
Conc: 20.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



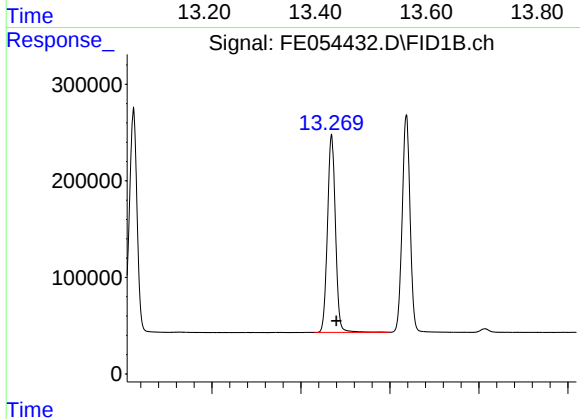
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 2782404
Conc: 20.80 ug/ml



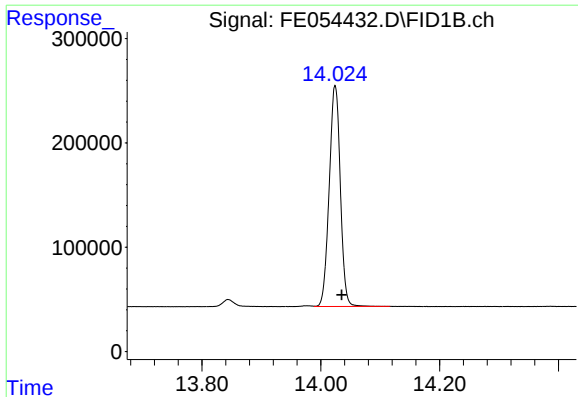
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.011 min
Response: 2778235
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

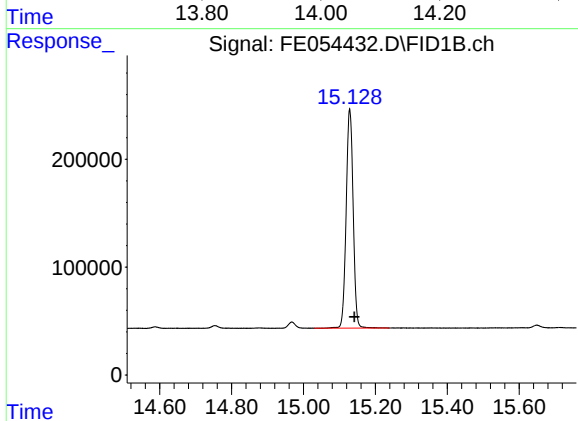
R.T.: 13.269 min
Delta R.T.: -0.011 min
Response: 2562278
Conc: 21.01 ug/ml



#13 n-Docosane (C22)

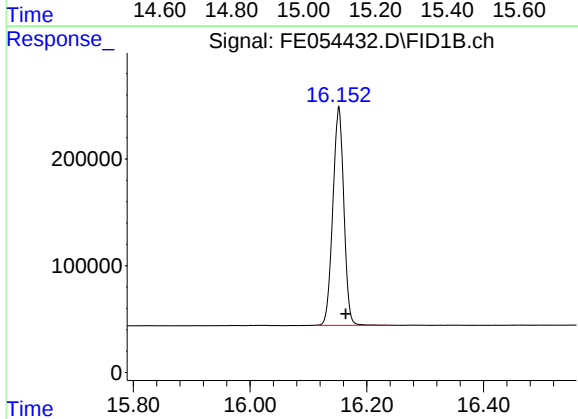
R.T.: 14.024 min
Delta R.T.: -0.011 min
Response: 2749475
Conc: 20.97 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



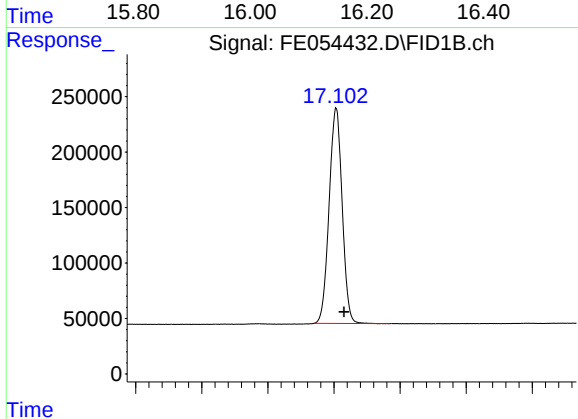
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.013 min
Response: 2739894
Conc: 21.24 ug/ml



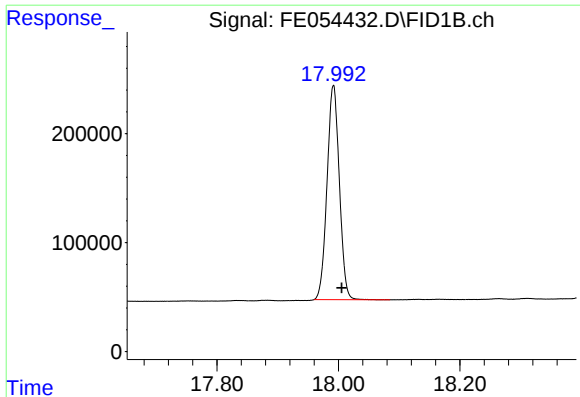
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 2681738
Conc: 21.36 ug/ml



#16 n-Octacosane (C28)

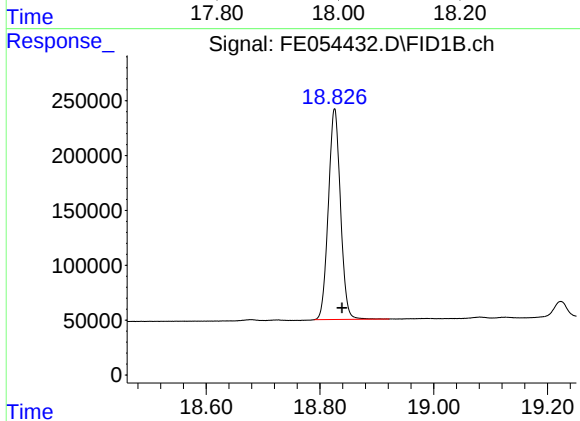
R.T.: 17.103 min
Delta R.T.: -0.012 min
Response: 2663617
Conc: 21.72 ug/ml



#17 n-Tricontane (C30)

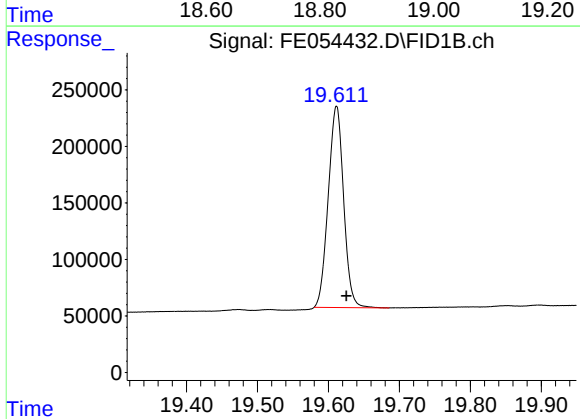
R.T.: 17.992 min
Delta R.T.: -0.014 min
Response: 2769422
Conc: 22.34 ug/ml

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20 PPM ALIPHATIC HC STD



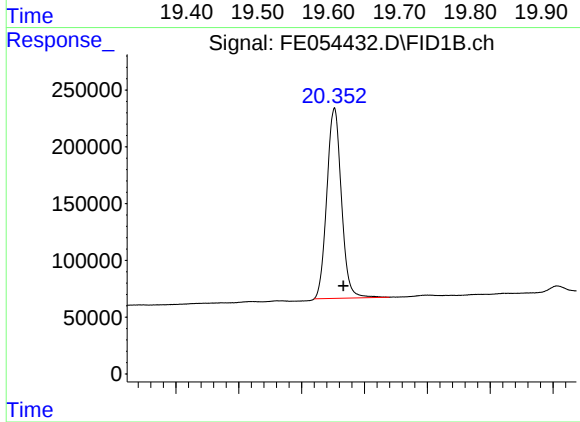
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.013 min
Response: 2840276
Conc: 22.61 ug/ml



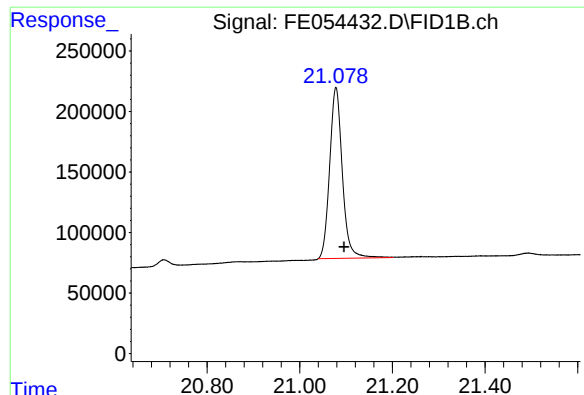
#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.014 min
Response: 2684881
Conc: 21.58 ug/ml



#20 n-Hexatriacontane (C36)

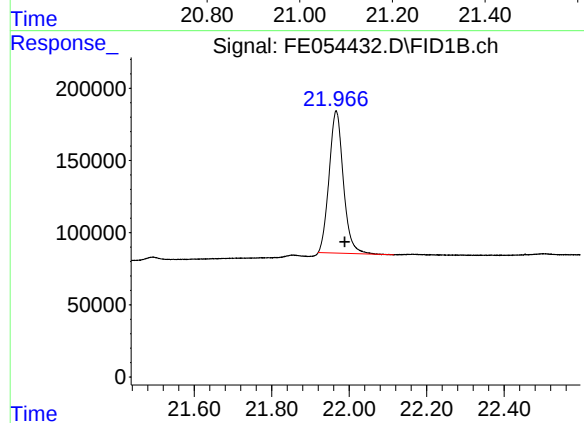
R.T.: 20.352 min
Delta R.T.: -0.014 min
Response: 2701363
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.017 min
Response: 2683892
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.022 min
Response: 2513001
Conc: 18.66 ug/ml