

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041824AL\
 Data File : FE047682.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2024 11:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 19 01:22:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.978	3111708	17.941 ug/ml
Spiked Amount 50.000		Recovery =	35.88%
12) S 1-chlorooctadecane (S...	13.412	2425646	18.035 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
Target Compounds			
1) T n-Nonane (C9)	3.358	2689527	17.191 ug/ml
2) T n-Decane (C10)	4.611	2780149	17.298 ug/ml
3) T A~Naphthalene (C11.7)	6.319	2947437	17.383 ug/ml
4) T n-Dodecane (C12)	6.777	2802773	17.268 ug/ml
5) T A~2-methylnaphthalene...	7.415	2864292	17.442 ug/ml
6) T n-Tetradecane (C14)	8.606	2817361	17.513 ug/ml
7) T n-Hexadecane (C16)	10.213	2949415	17.759 ug/ml
8) T n-Octadecane (C18)	11.657	3004265	17.915 ug/ml
10) T n-Eicosane (C20)	12.966	2913030	17.981 ug/ml
11) T n-Heneicosane (C21)	13.579	2863996	18.049 ug/ml
13) T n-Docosane (C22)	14.164	2898881	18.064 ug/ml
14) T n-Tetracosane (C24)	15.267	2979595	18.051 ug/ml
15) T n-Hexacosane (C26)	16.286	3019420	18.267 ug/ml
16) T n-Octacosane (C28)	17.237	3117204	18.810 ug/ml
17) T n-Tricontane (C30)	18.124	3403566	20.047 ug/ml
18) T n-Dotriacontane (C32)	18.955	3464789	20.778 ug/ml
19) T n-Tetratriacontane (C34)	19.739	3276878	20.431 ug/ml
20) T n-Hexatriacontane (C36)	20.479	3154306	19.776 ug/ml
21) T n-Octatriacontane (C38)	21.220	3106721	19.115 ug/ml
22) T n-Tetracontane (C40)	22.149	3028101	18.495 ug/ml

(f)=RT Delta > 1/2 Window

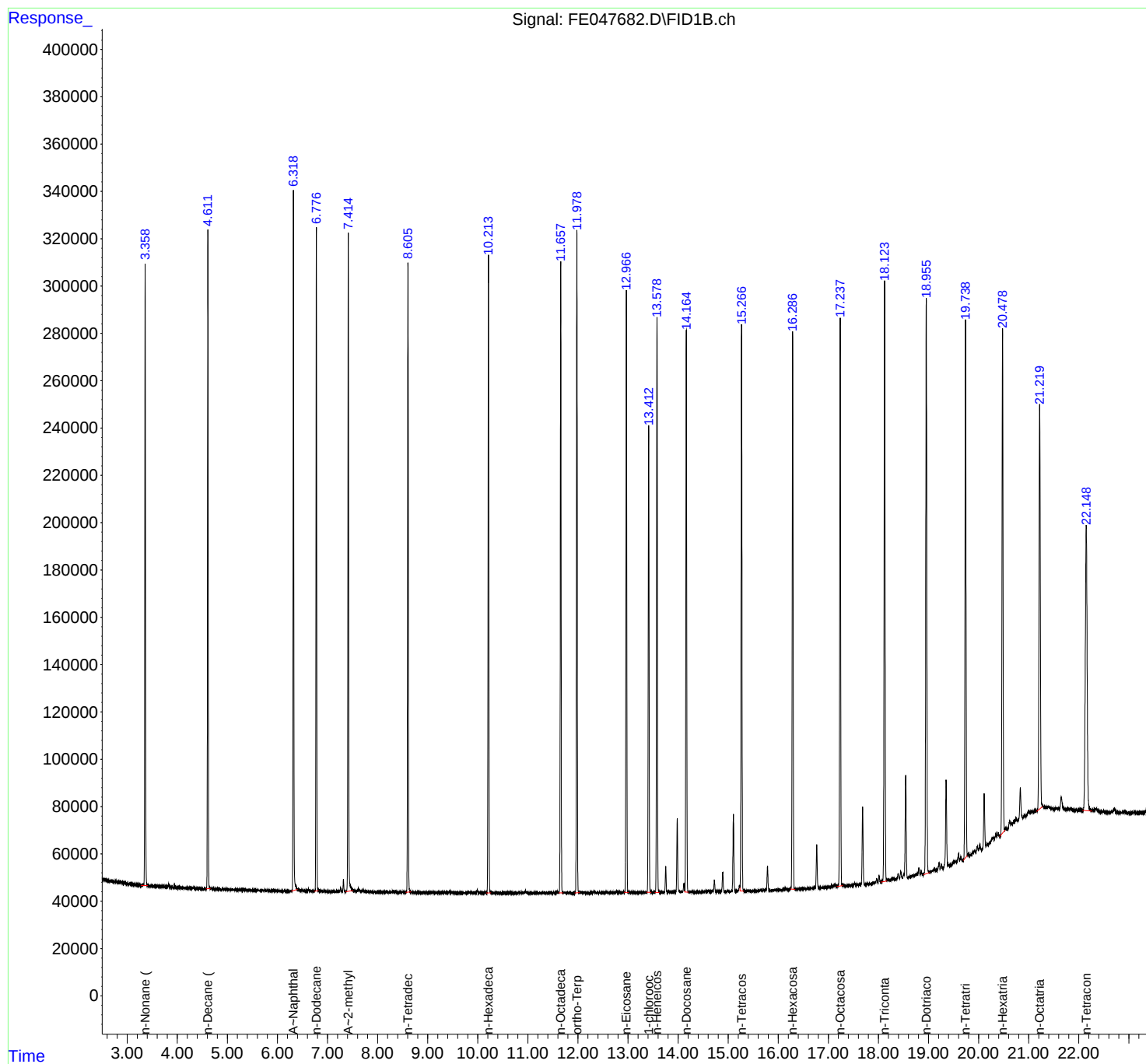
(m)=manual int.

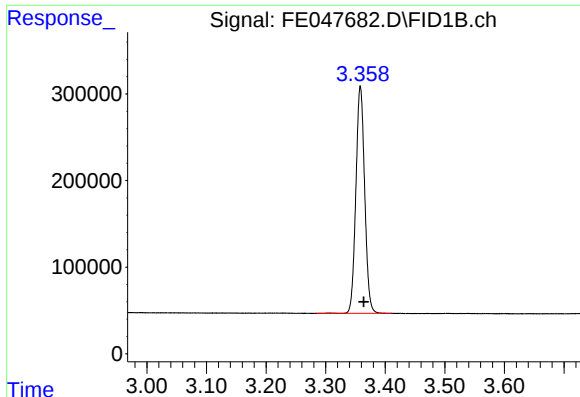
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041824AL\
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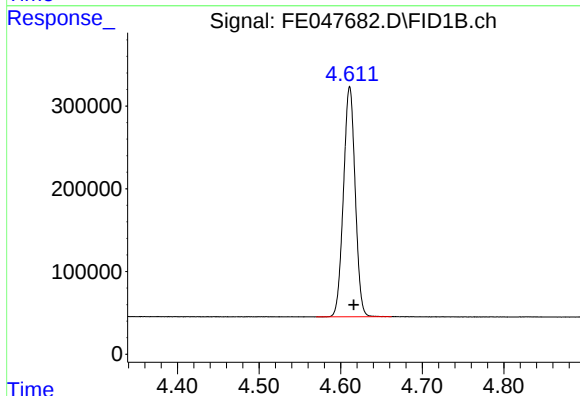




#1 n-Nonane (C9)

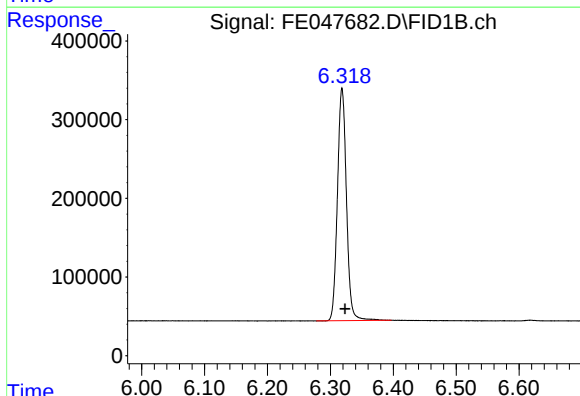
R.T.: 3.358 min
Delta R.T.: -0.006 min
Response: 2689527
Conc: 17.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



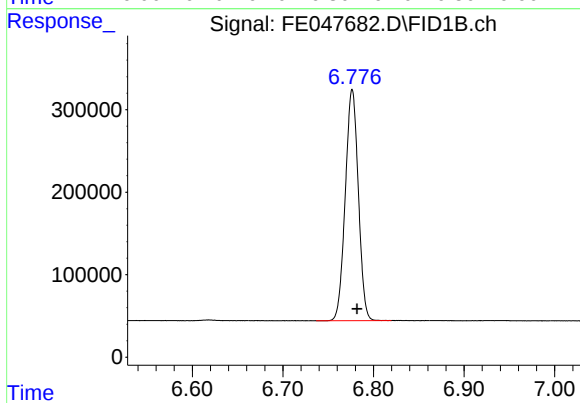
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.005 min
Response: 2780149
Conc: 17.30 ug/ml



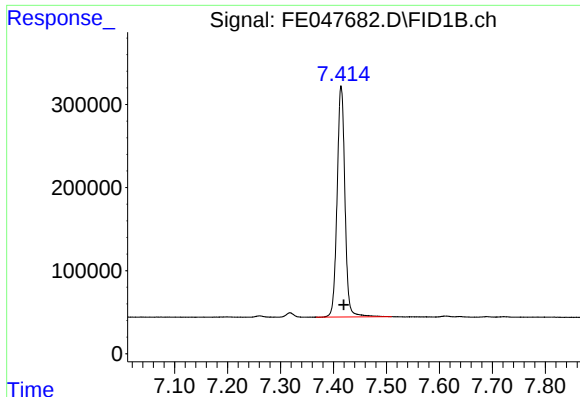
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 2947437
Conc: 17.38 ug/ml



#4 n-Dodecane (C12)

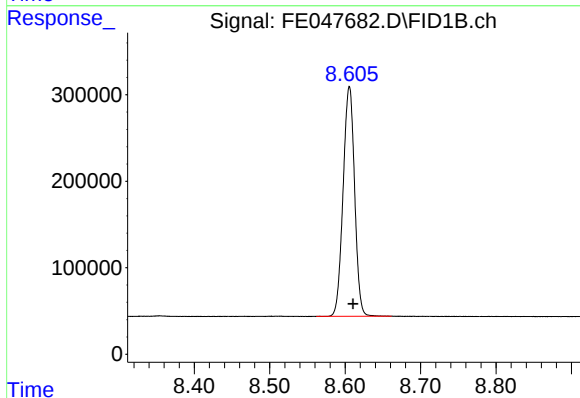
R.T.: 6.777 min
Delta R.T.: -0.006 min
Response: 2802773
Conc: 17.27 ug/ml



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

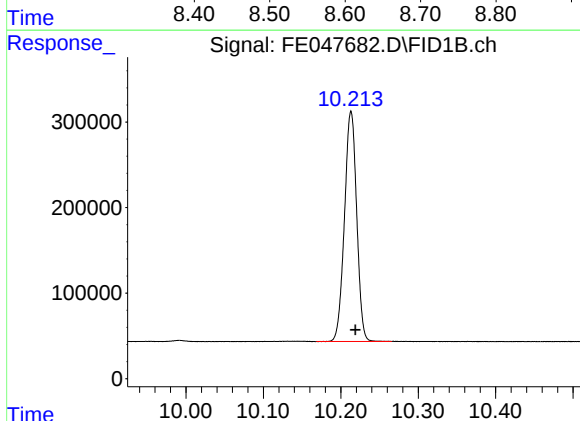
R.T.: 7.415 min
Delta R.T.: -0.005 min
Response: 2864292
Conc: 17.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



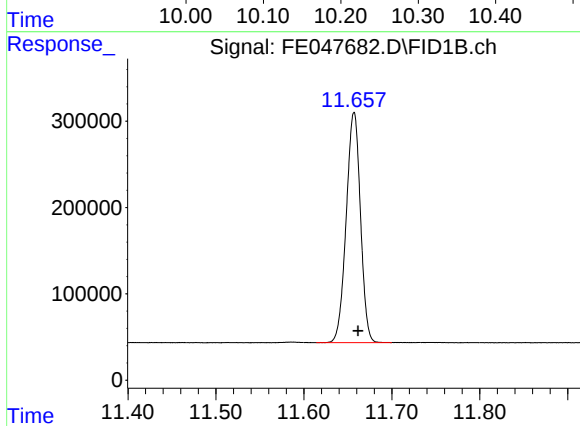
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.005 min
Response: 2817361
Conc: 17.51 ug/ml



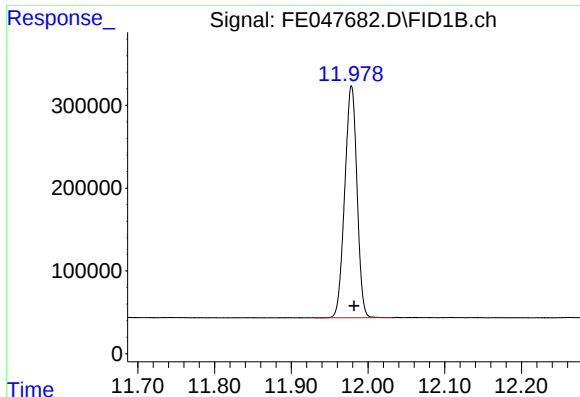
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.005 min
Response: 2949415
Conc: 17.76 ug/ml



#8 n-Octadecane (C18)

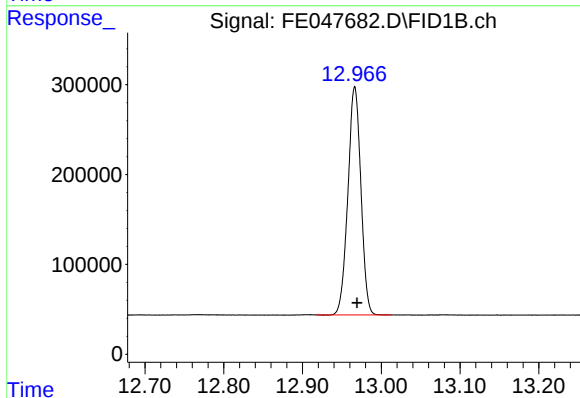
R.T.: 11.657 min
Delta R.T.: -0.004 min
Response: 3004265
Conc: 17.91 ug/ml



#9 ortho-Terphenyl (SURR)

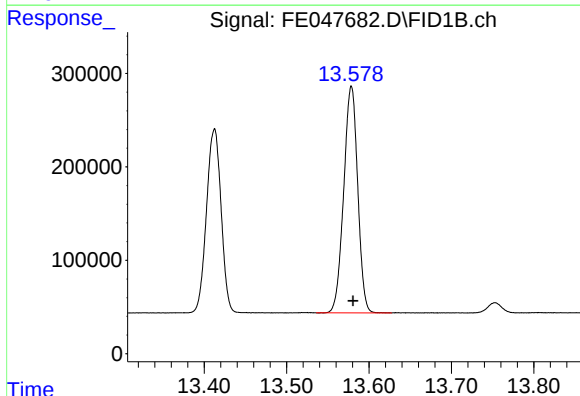
R.T.: 11.978 min
Delta R.T.: -0.004 min
Response: 3111708
Conc: 17.94 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



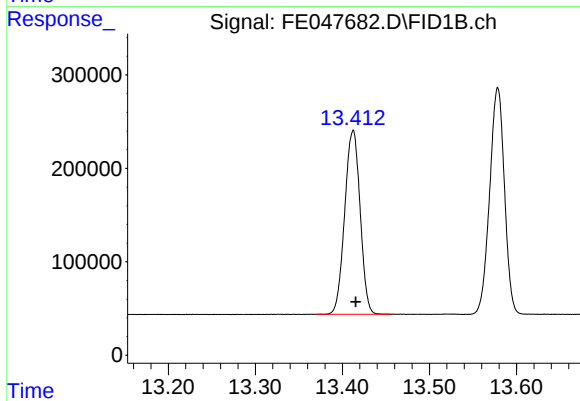
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.003 min
Response: 2913030
Conc: 17.98 ug/ml



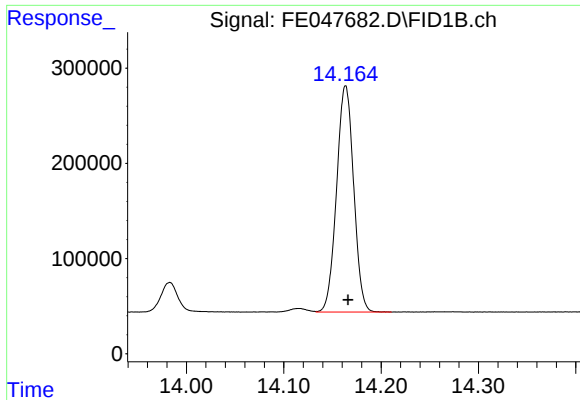
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.002 min
Response: 2863996
Conc: 18.05 ug/ml



#12 1-chlorooctadecane (SURR)

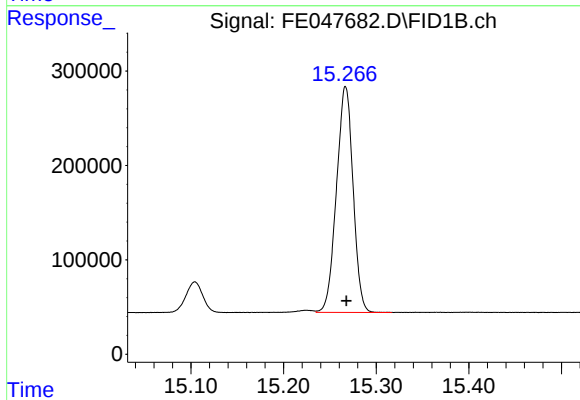
R.T.: 13.412 min
Delta R.T.: -0.003 min
Response: 2425646
Conc: 18.04 ug/ml



#13 n-Docosane (C22)

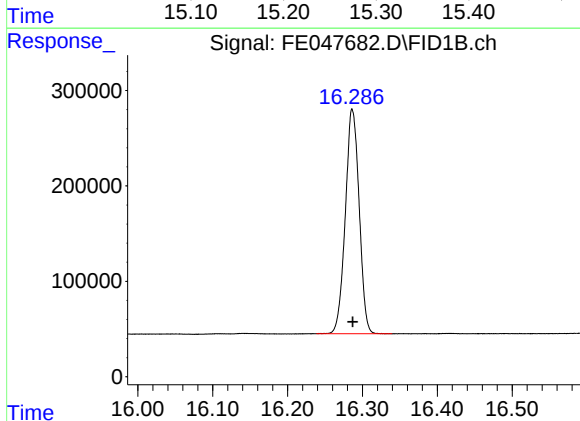
R.T.: 14.164 min
Delta R.T.: -0.003 min
Response: 2898881
Conc: 18.06 ug/ml

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20 PPM ALIPHATIC HC STD



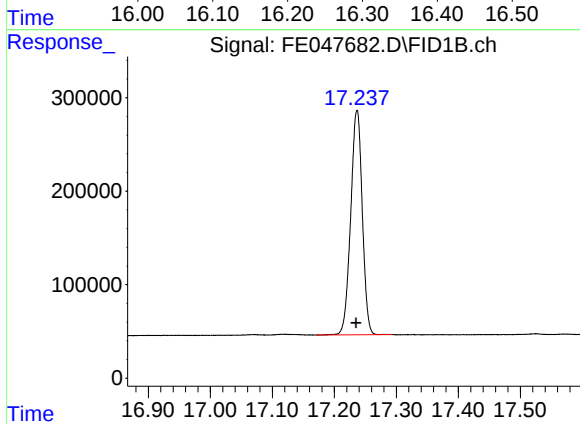
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 2979595
Conc: 18.05 ug/ml



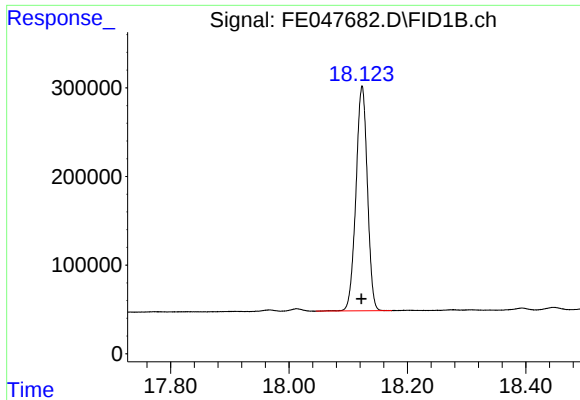
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.000 min
Response: 3019420
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

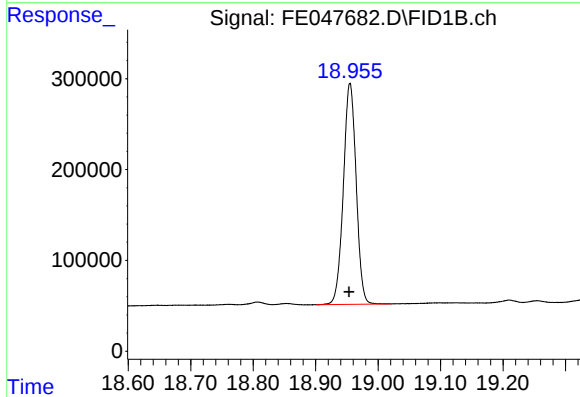
R.T.: 17.237 min
Delta R.T.: 0.002 min
Response: 3117204
Conc: 18.81 ug/ml



#17 n-Tricontane (C30)

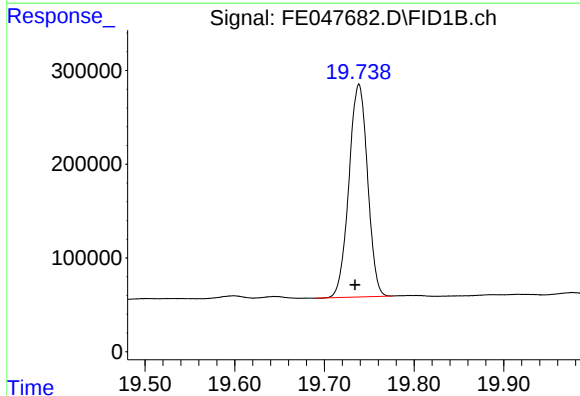
R.T.: 18.124 min
Delta R.T.: 0.001 min
Response: 3403566
Conc: 20.05 ug/ml

Instrument :
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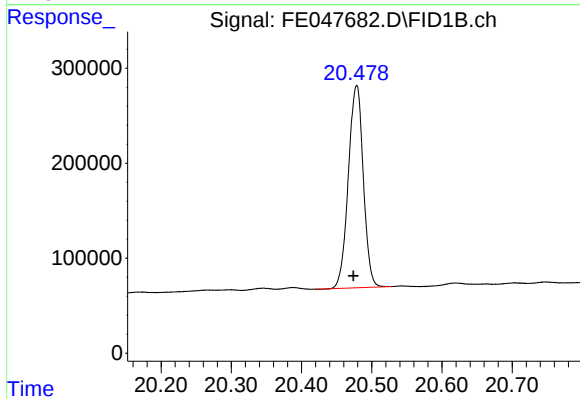
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.002 min
Response: 3464789
Conc: 20.78 ug/ml



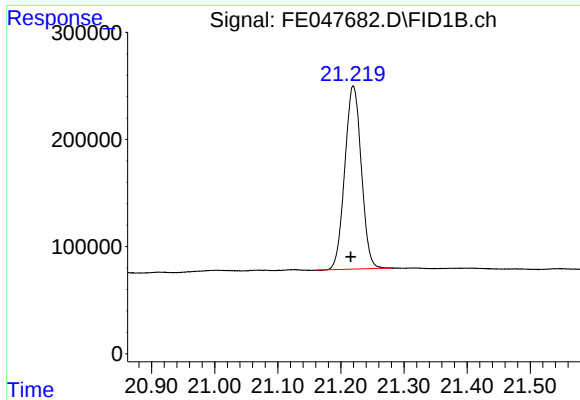
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.004 min
Response: 3276878
Conc: 20.43 ug/ml



#20 n-Hexatriacontane (C36)

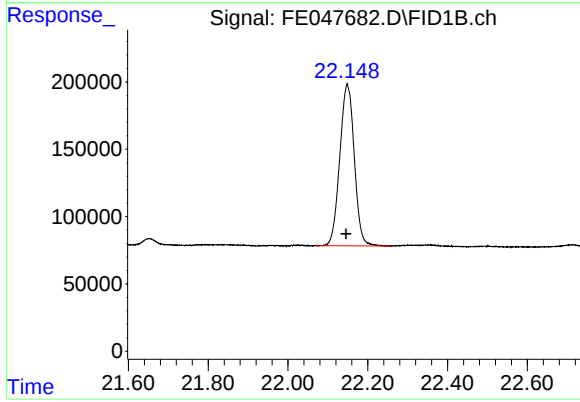
R.T.: 20.479 min
Delta R.T.: 0.005 min
Response: 3154306
Conc: 19.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.004 min
Response: 3106721
Conc: 19.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.003 min
Response: 3028101
Conc: 18.50 ug/ml