

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081022AL\
 Data File : FE037000.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2022 08:58
 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: sample.E
 Quant Time: Aug 11 09:22:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 Response via : Initial Calibration
 Integrator: ChemStation

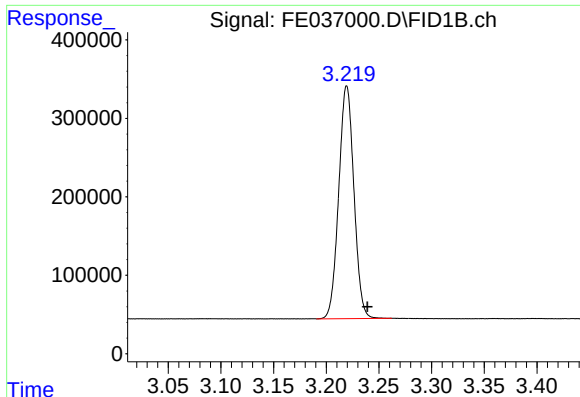
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.835	3312699	17.787 ug/ml
Spiked Amount 50.000		Recovery =	35.57%
12) S 1-chlorooctadecane (S...	13.275	2615337	17.190 ug/ml
Spiked Amount 50.000		Recovery =	34.38%
Target Compounds			
1) T n-Nonane (C9)	3.219	2978140	19.319 ug/ml
2) T n-Decane (C10)	4.474	3048519	19.777 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3294003	19.276 ug/ml
4) T n-Dodecane (C12)	6.644	3124099	19.891 ug/ml
5) T A~2-methylnaphthalene...	7.276	3290766	19.147 ug/ml
6) T n-Tetradecane (C14)	8.471	3156651	19.335 ug/ml
7) T n-Hexadecane (C16)	10.078	3108638	18.860 ug/ml
8) T n-Octadecane (C18)	11.520	3100585	18.244 ug/ml
10) T n-Eicosane (C20)	12.830	2997830	17.624 ug/ml
11) T n-Heneicosane (C21)	13.443	2967544	17.339 ug/ml
13) T n-Docosane (C22)	14.030	2917811	17.090 ug/ml
14) T n-Tetracosane (C24)	15.133	2883362	16.915 ug/ml
15) T n-Hexacosane (C26)	16.153	2777366	16.612 ug/ml
16) T n-Octacosane (C28)	17.107	2754759	16.867 ug/ml
17) T n-Tricontane (C30)	17.993	2722364	17.915 ug/ml
18) T n-Dotriacontane (C32)	18.827	2319447	19.285 ug/ml
19) T n-Tetratriacontane (C34)	19.613	1737928	20.869 ug/ml
20) T n-Hexatriacontane (C36)	20.353	1322183	22.518 ug/ml
21) T n-Octatriacontane (C38)	21.081	1190078	23.736 ug/ml
22) T n-Tetracontane (C40)	21.964	1167411	22.606 ug/ml

(f)=RT Delta > 1/2 Window

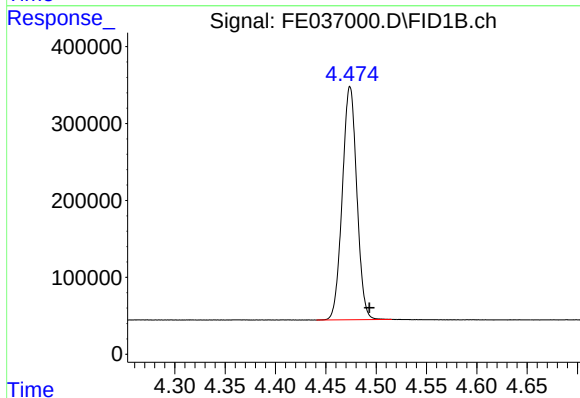
(m)=manual int.



#1 n-Nonane (C9)

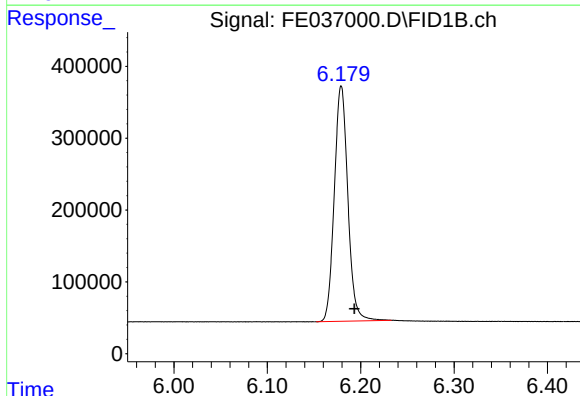
R.T.: 3.219 min
Delta R.T.: -0.020 min
Response: 2978140
Conc: 19.32 ug/ml

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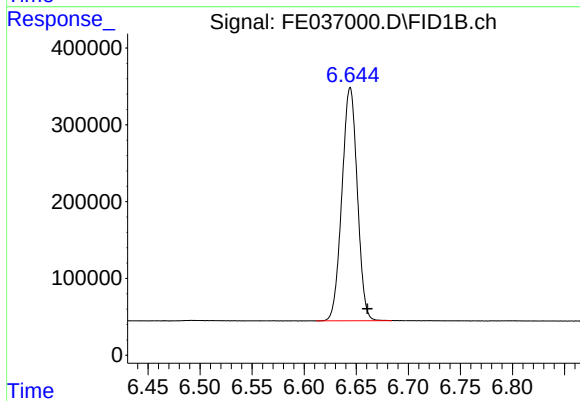
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.019 min
Response: 3048519
Conc: 19.78 ug/ml



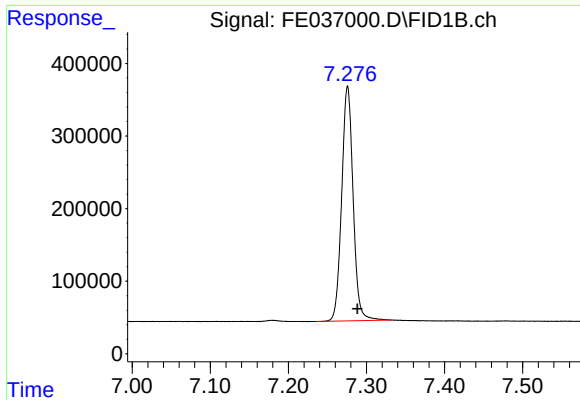
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 3294003
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

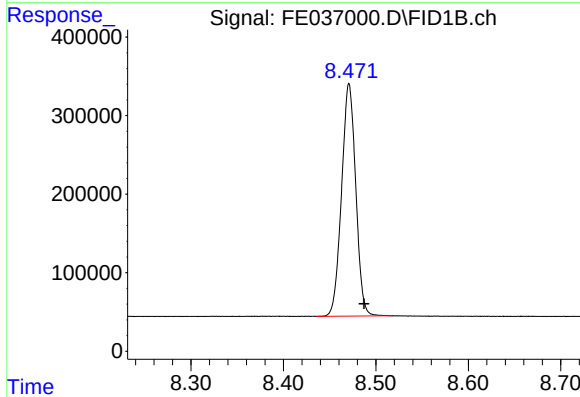
R.T.: 6.644 min
Delta R.T.: -0.016 min
Response: 3124099
Conc: 19.89 ug/ml



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

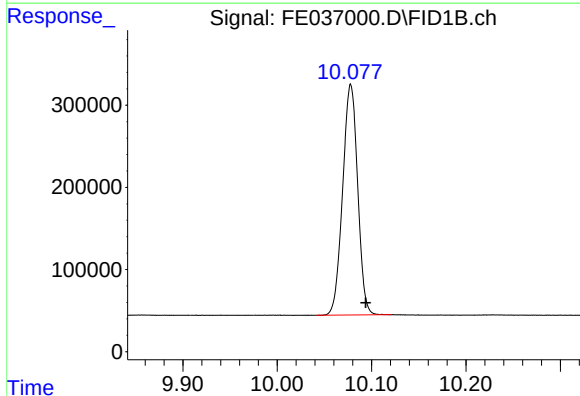
R.T.: 7.276 min
Delta R.T.: -0.012 min
Response: 3290766
Conc: 19.15 ug/ml

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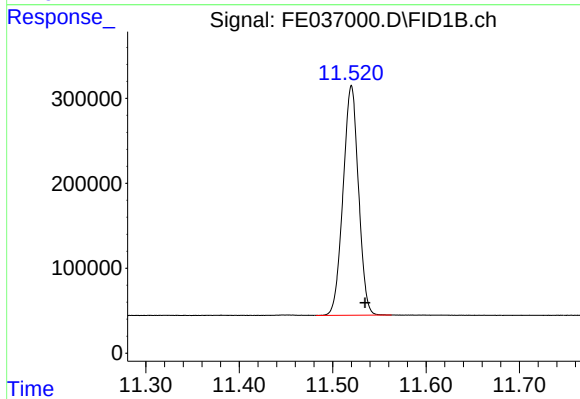
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.016 min
Response: 3156651
Conc: 19.34 ug/ml



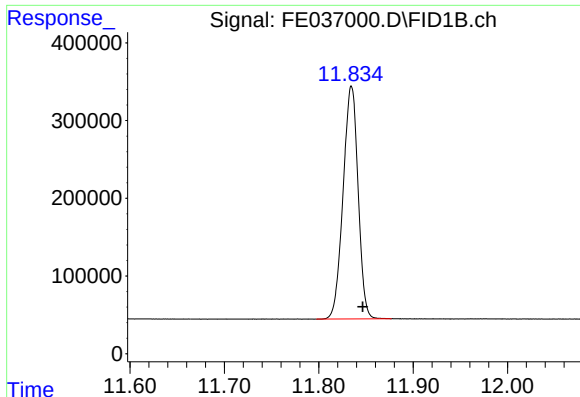
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.016 min
Response: 3108638
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

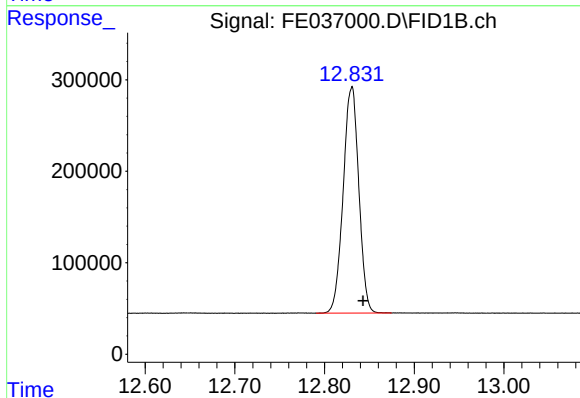
R.T.: 11.520 min
Delta R.T.: -0.015 min
Response: 3100585
Conc: 18.24 ug/ml



#9 ortho-Terphenyl (SURR)

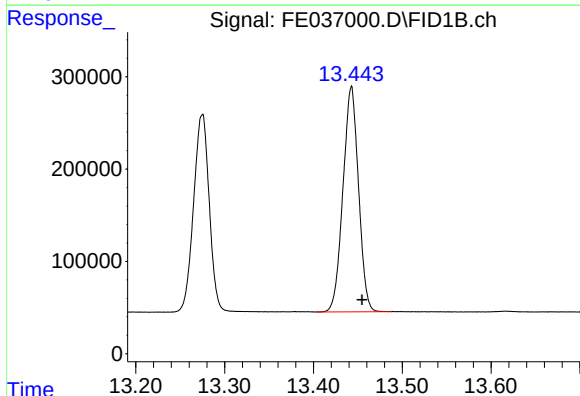
R.T.: 11.835 min
Delta R.T.: -0.012 min
Response: 3312699
Conc: 17.79 ug/ml

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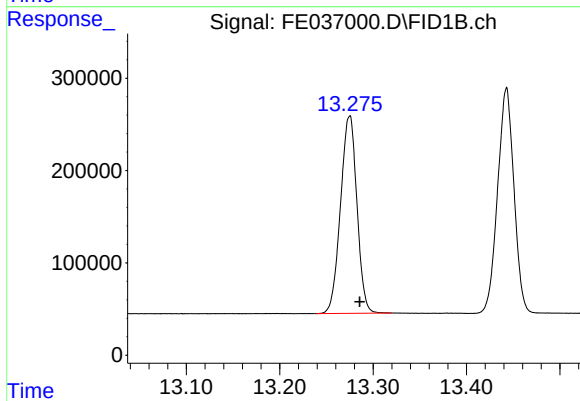
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.013 min
Response: 2997830
Conc: 17.62 ug/ml



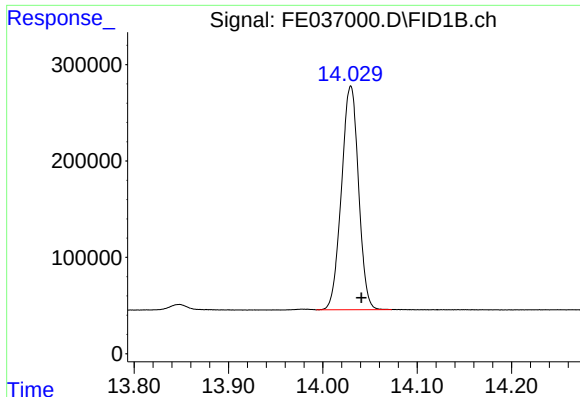
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.012 min
Response: 2967544
Conc: 17.34 ug/ml



#12 1-chlorooctadecane (SURR)

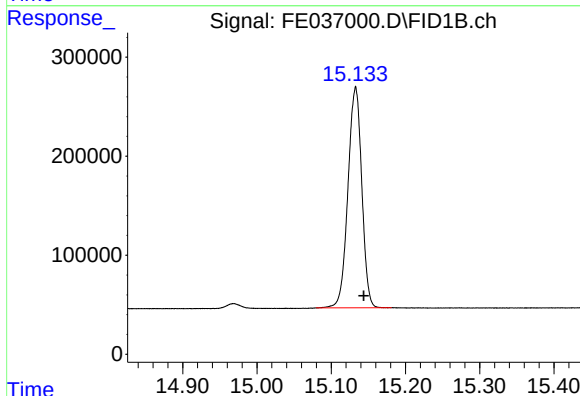
R.T.: 13.275 min
Delta R.T.: -0.011 min
Response: 2615337
Conc: 17.19 ug/ml



#13 n-Docosane (C22)

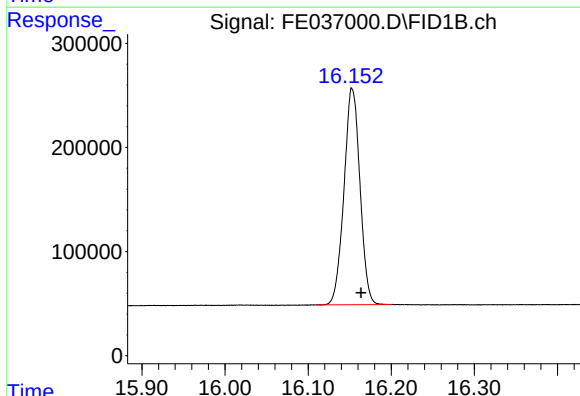
R.T.: 14.030 min
Delta R.T.: -0.011 min
Response: 2917811
Conc: 17.09 ug/ml

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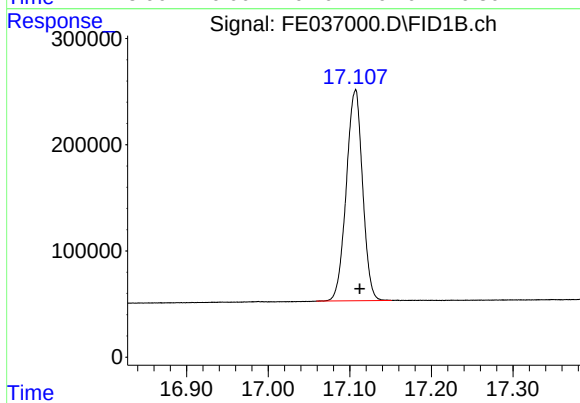
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.011 min
Response: 2883362
Conc: 16.91 ug/ml



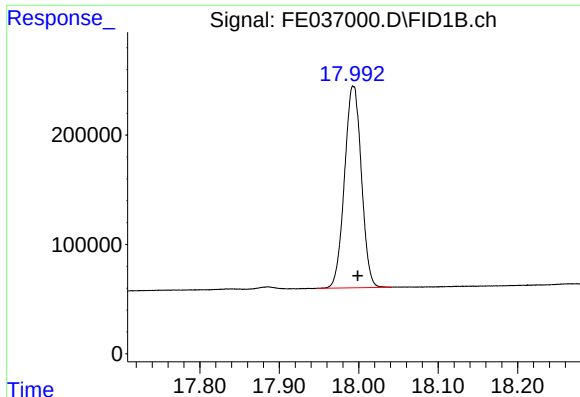
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 2777366
Conc: 16.61 ug/ml



#16 n-Octacosane (C28)

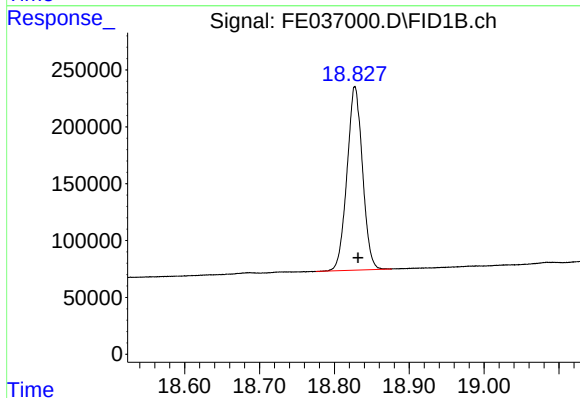
R.T.: 17.107 min
Delta R.T.: -0.005 min
Response: 2754759
Conc: 16.87 ug/ml



#17 n-Tricontane (C30)

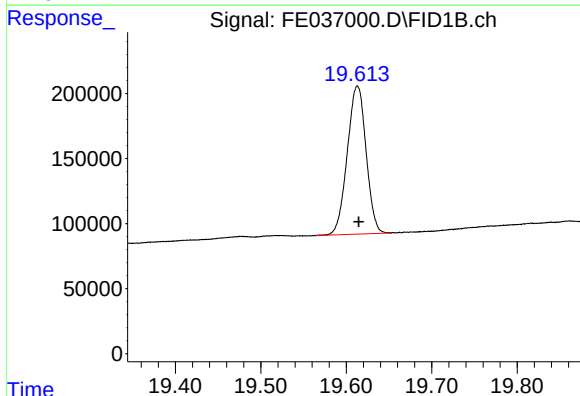
R.T.: 17.993 min
Delta R.T.: -0.006 min
Response: 2722364
Conc: 17.92 ug/ml

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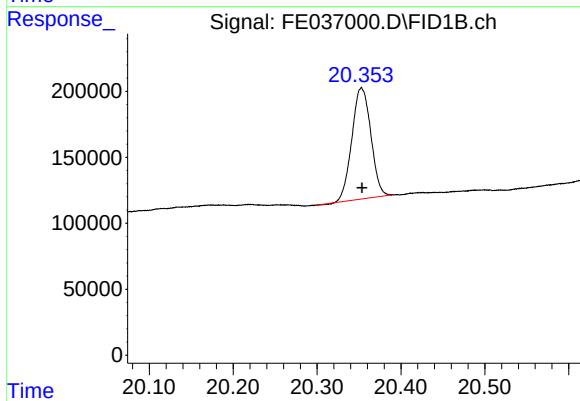
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.004 min
Response: 2319447
Conc: 19.29 ug/ml



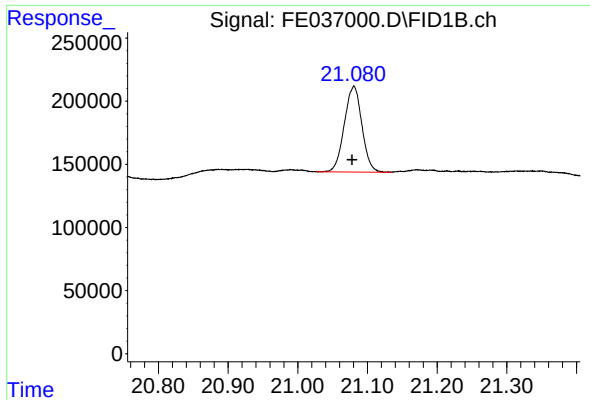
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.001 min
Response: 1737928
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

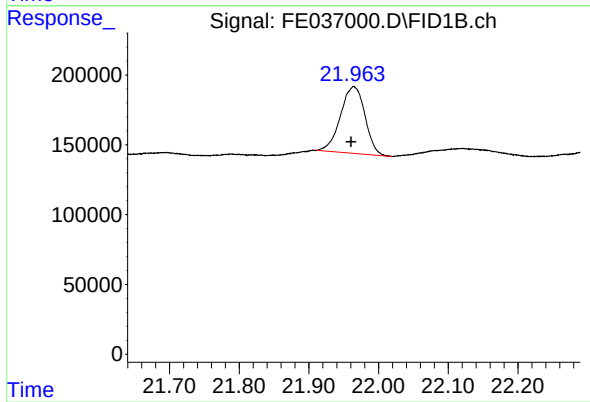
R.T.: 20.353 min
Delta R.T.: 0.000 min
Response: 1322183
Conc: 22.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: 0.003 min
Response: 1190078
Conc: 23.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: 0.004 min
Response: 1167411
Conc: 22.61 ug/ml