

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122923AL\
 Data File : FE046026.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2023 03:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Dec 29 03:59:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

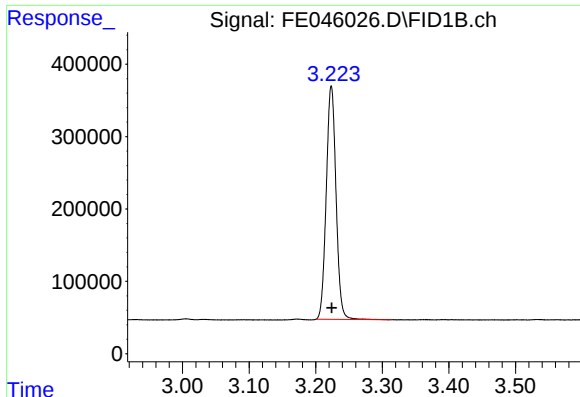
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.838	3849554	21.183 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
12) S 1-chlorooctadecane (S...	13.282	2821301	21.116 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
Target Compounds			
1) T n-Nonane (C9)	3.223	3286548	21.474 ug/ml
2) T n-Decane (C10)	4.474	3351892	21.598 ug/ml
3) T A~Naphthalene (C11.7)	6.175	3585765	21.561 ug/ml
4) T n-Dodecane (C12)	6.641	3386068	21.687 ug/ml
5) T A~2-methylnaphthalene...	7.272	3471670	21.805 ug/ml
6) T n-Tetradecane (C14)	8.468	3347343	21.489 ug/ml
7) T n-Hexadecane (C16)	10.079	3377067	21.326 ug/ml
8) T n-Octadecane (C18)	11.524	3335650	21.193 ug/ml
10) T n-Eicosane (C20)	12.837	3176176	20.996 ug/ml
11) T n-Heneicosane (C21)	13.450	3094404	21.043 ug/ml
13) T n-Docosane (C22)	14.038	3049725	20.864 ug/ml
14) T n-Tetracosane (C24)	15.145	2968208	20.466 ug/ml
15) T n-Hexacosane (C26)	16.168	2901662	20.239 ug/ml
16) T n-Octacosane (C28)	17.121	2876354	20.056 ug/ml
17) T n-Tricontane (C30)	18.013	2964647	19.946 ug/ml
18) T n-Dotriacontane (C32)	18.848	3005395	20.095 ug/ml
19) T n-Tetratriacontane (C34)	19.635	2963120	20.684 ug/ml
20) T n-Hexatriacontane (C36)	20.380	3027531	20.765 ug/ml
21) T n-Octatriacontane (C38)	21.115	3182062	21.579 ug/ml
22) T n-Tetracontane (C40)	22.015	3164674	20.218 ug/ml

(f)=RT Delta > 1/2 Window

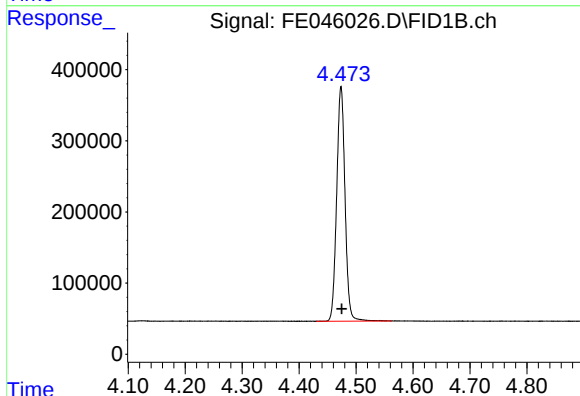
(m)=manual int.



#1 n-Nonane (C9)

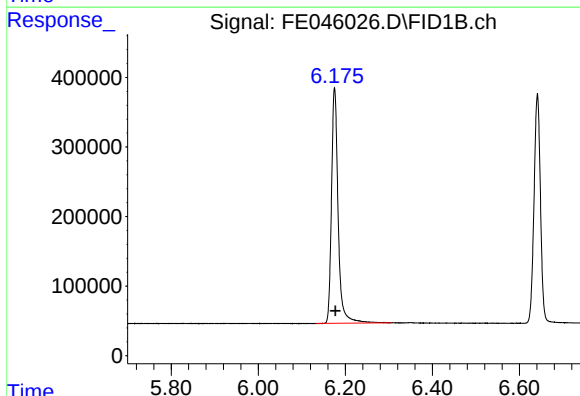
R.T.: 3.223 min
Delta R.T.: 0.000 min
Response: 3286548
Conc: 21.47 ug/ml

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20 PPM ALIPHATIC HC STD



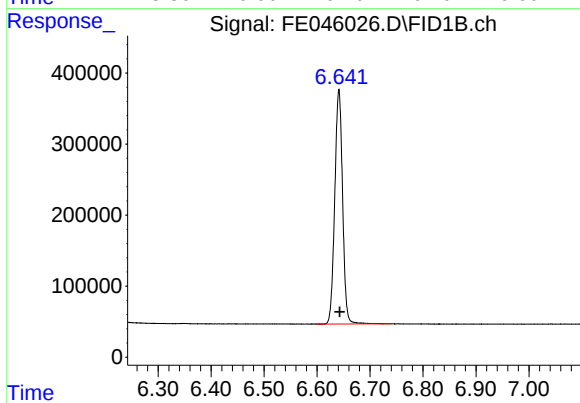
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.001 min
Response: 3351892
Conc: 21.60 ug/ml



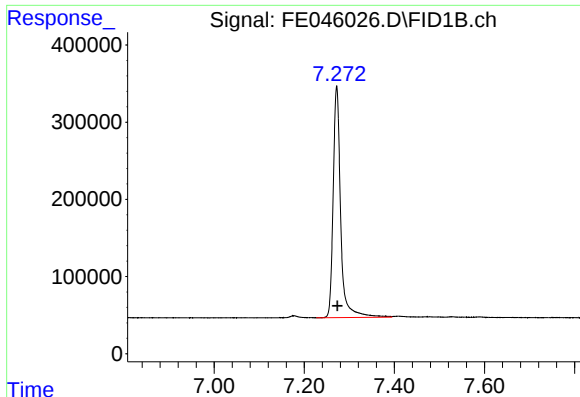
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 3585765
Conc: 21.56 ug/ml



#4 n-Dodecane (C12)

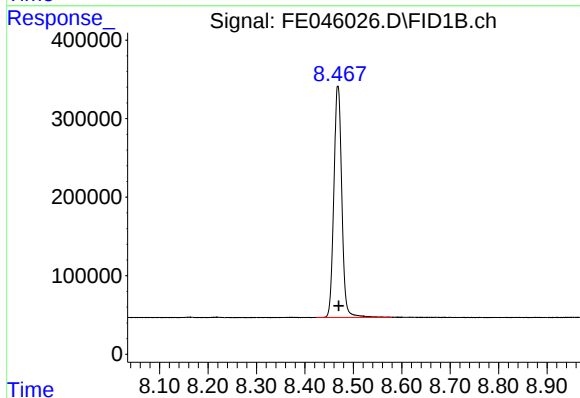
R.T.: 6.641 min
Delta R.T.: -0.001 min
Response: 3386068
Conc: 21.69 ug/ml



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

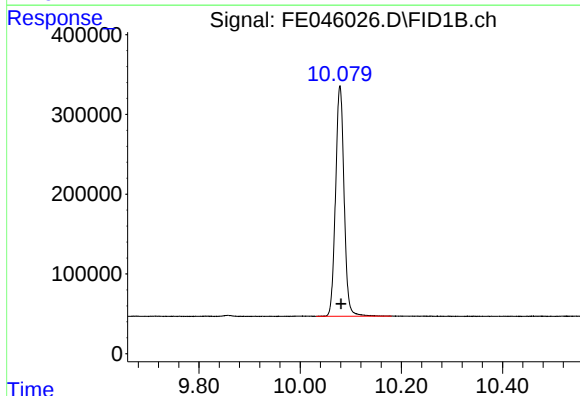
R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 3471670
Conc: 21.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



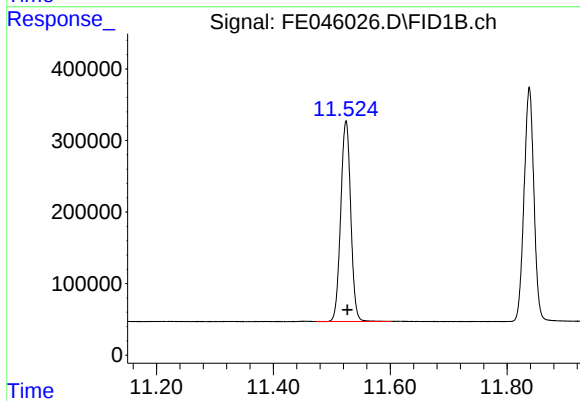
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.002 min
Response: 3347343
Conc: 21.49 ug/ml



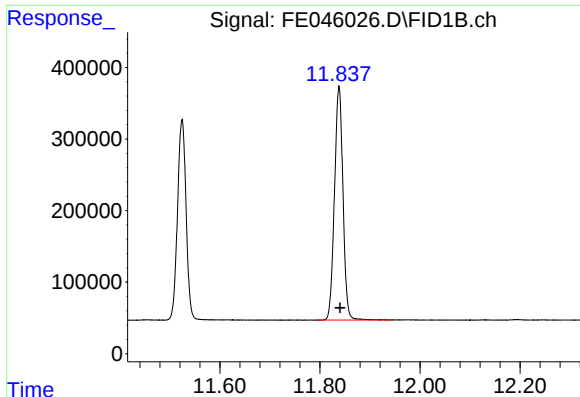
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.002 min
Response: 3377067
Conc: 21.33 ug/ml



#8 n-Octadecane (C18)

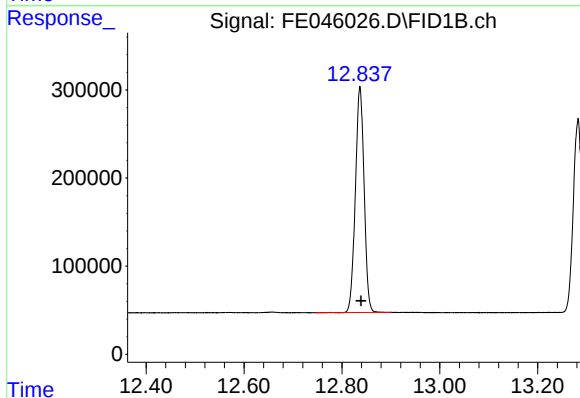
R.T.: 11.524 min
Delta R.T.: -0.002 min
Response: 3335650
Conc: 21.19 ug/ml



#9 ortho-Terphenyl (SURR)

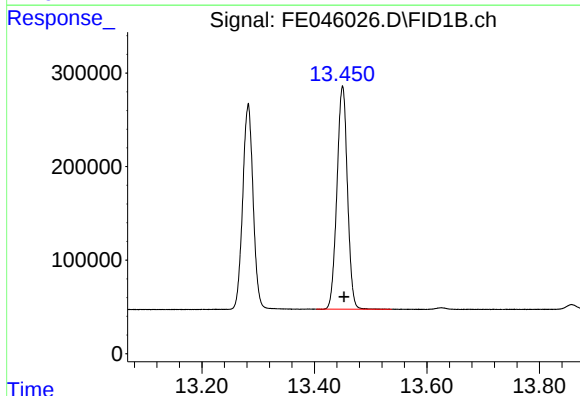
R.T.: 11.838 min
Delta R.T.: -0.002 min
Response: 3849554
Conc: 21.18 ug/ml

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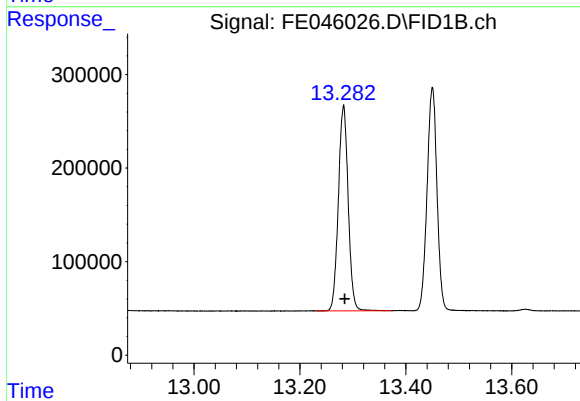
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.002 min
Response: 3176176
Conc: 21.00 ug/ml



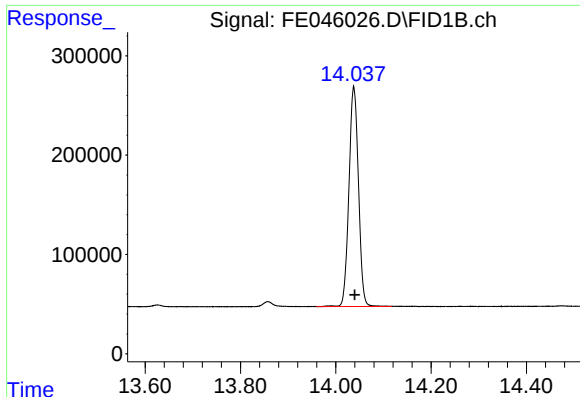
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.002 min
Response: 3094404
Conc: 21.04 ug/ml



#12 1-chlorooctadecane (SURR)

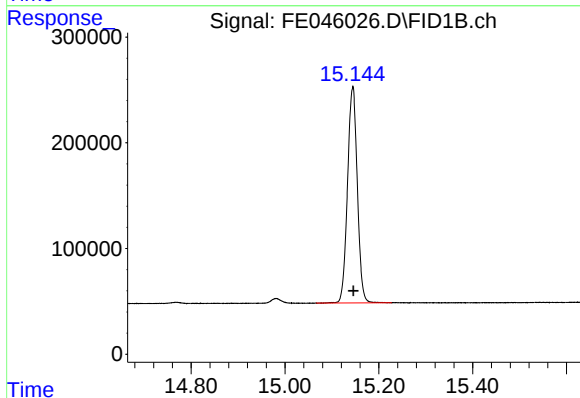
R.T.: 13.282 min
Delta R.T.: -0.002 min
Response: 2821301
Conc: 21.12 ug/ml



#13 n-Docosane (C22)

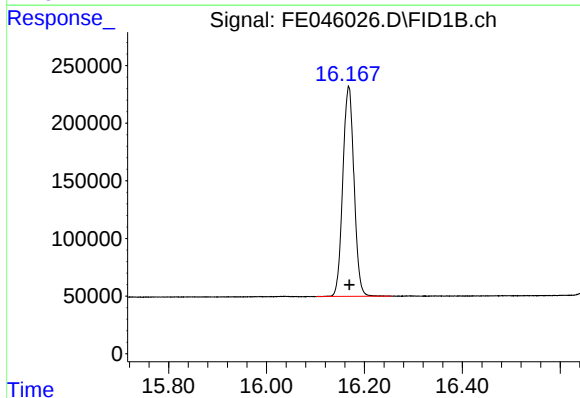
R.T.: 14.038 min
Delta R.T.: -0.002 min
Response: 3049725
Conc: 20.86 ug/ml

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20 PPM ALIPHATIC HC STD



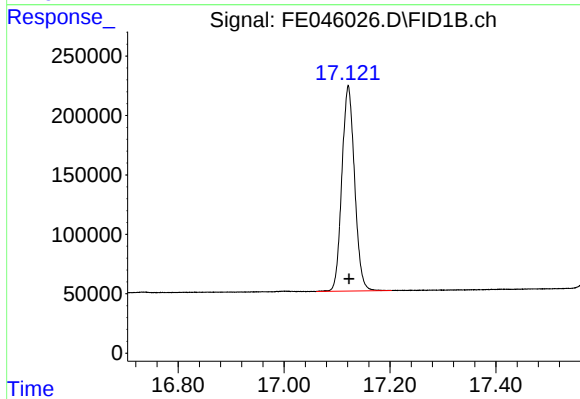
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: 0.000 min
Response: 2968208
Conc: 20.47 ug/ml



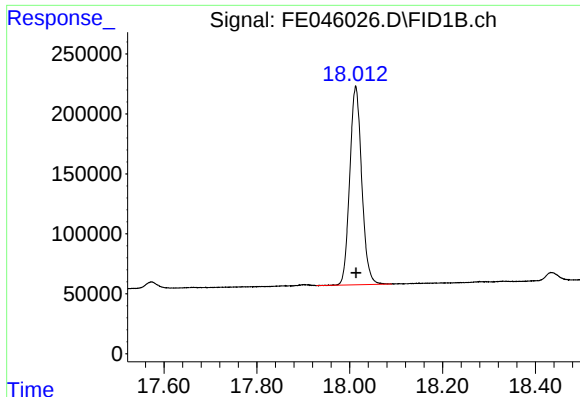
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.002 min
Response: 2901662
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

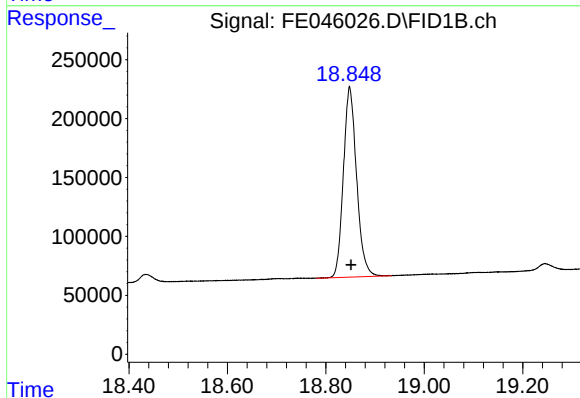
R.T.: 17.121 min
Delta R.T.: -0.001 min
Response: 2876354
Conc: 20.06 ug/ml



#17 n-Tricontane (C30)

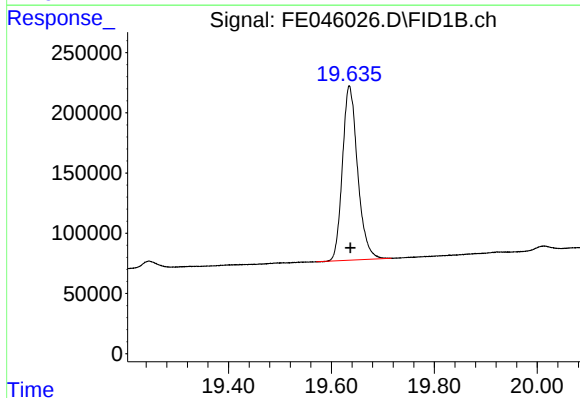
R.T.: 18.013 min
Delta R.T.: 0.000 min
Response: 2964647
Conc: 19.95 ug/ml

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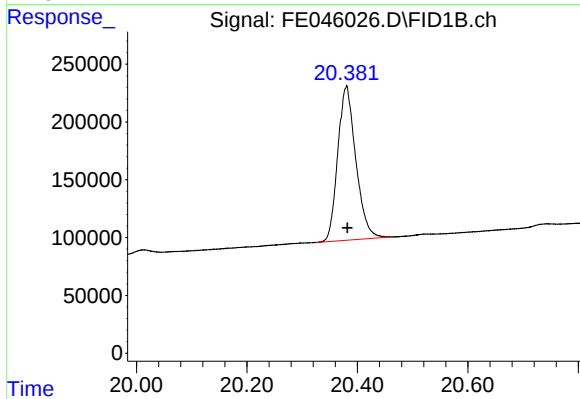
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.003 min
Response: 3005395
Conc: 20.09 ug/ml



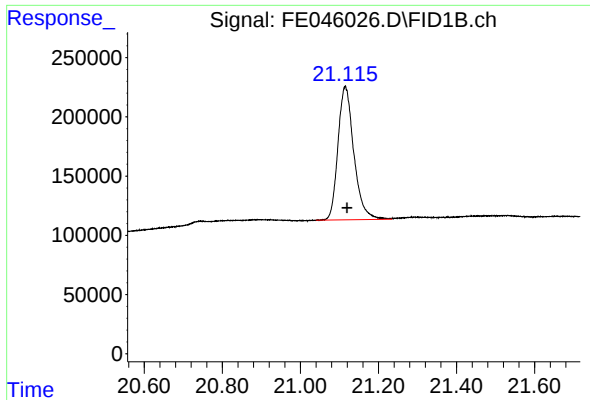
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.002 min
Response: 2963120
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

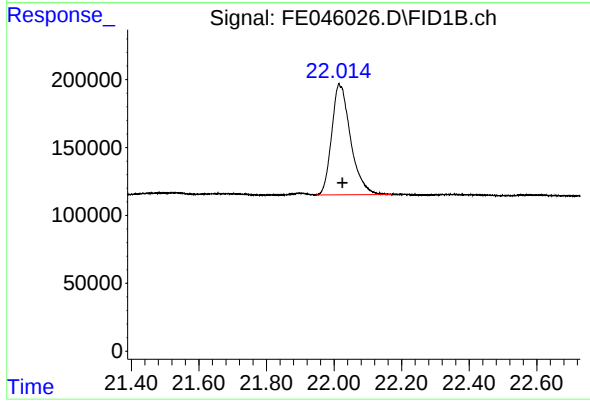
R.T.: 20.380 min
Delta R.T.: -0.002 min
Response: 3027531
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: -0.005 min
Response: 3182062
Conc: 21.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: -0.011 min
Response: 3164674
Conc: 20.22 ug/ml