

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081822AL\
 Data File : FE037153.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2022 09:57
 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: Aug 18 12:31:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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

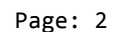
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.816	3401770	18.494 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
12) S 1-chlorooctadecane (S...	13.255	2670346	18.297 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
Target Compounds			
1) T n-Nonane (C9)	3.209	3039601	19.776 ug/ml
2) T n-Decane (C10)	4.462	3052515	19.972 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3276382	19.913 ug/ml
4) T n-Dodecane (C12)	6.631	3112525	19.929 ug/ml
5) T A~2-methylnaphthalene...	7.260	3257322	20.070 ug/ml
6) T n-Tetradecane (C14)	8.457	3119856	19.742 ug/ml
7) T n-Hexadecane (C16)	10.063	3120940	19.623 ug/ml
8) T n-Octadecane (C18)	11.504	3148933	19.180 ug/ml
10) T n-Eicosane (C20)	12.812	3056347	18.617 ug/ml
11) T n-Heneicosane (C21)	13.423	3024266	18.401 ug/ml
13) T n-Docosane (C22)	14.009	2959857	18.191 ug/ml
14) T n-Tetracosane (C24)	15.111	2867293	17.740 ug/ml
15) T n-Hexacosane (C26)	16.130	2760261	17.401 ug/ml
16) T n-Octacosane (C28)	17.080	2707802	17.421 ug/ml
17) T n-Tricontane (C30)	17.967	2637016	18.082 ug/ml
18) T n-Dotriacontane (C32)	18.800	2216299	19.072 ug/ml
19) T n-Tetratriacontane (C34)	19.583	1646570	19.981 ug/ml
20) T n-Hexatriacontane (C36)	20.324	1275361	21.111 ug/ml
21) T n-Octatriacontane (C38)	21.044	1135920	22.273 ug/ml
22) T n-Tetracontane (C40)	21.914	1019963	21.191 ug/ml

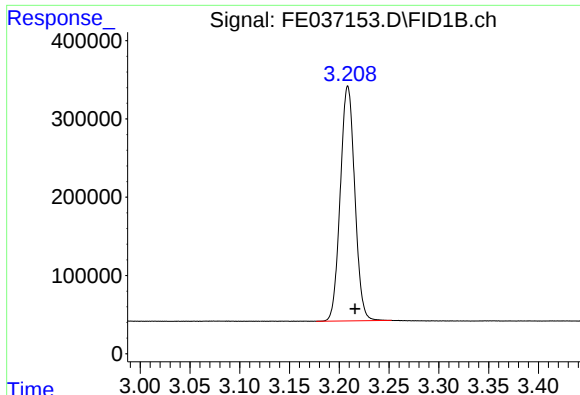
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

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

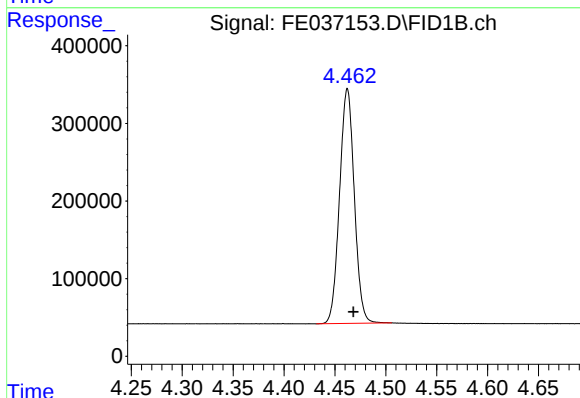




#1 n-Nonane (C9)

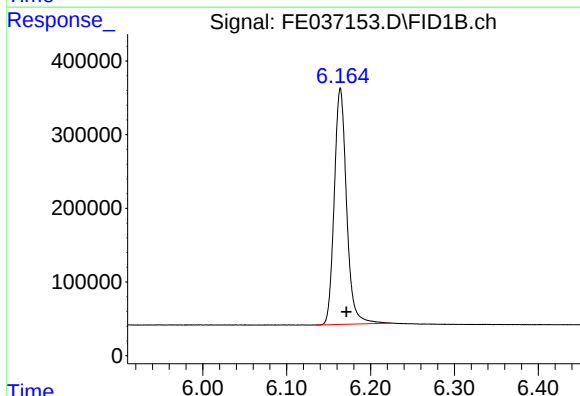
R.T.: 3.209 min
Delta R.T.: -0.007 min
Response: 3039601
Conc: 19.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



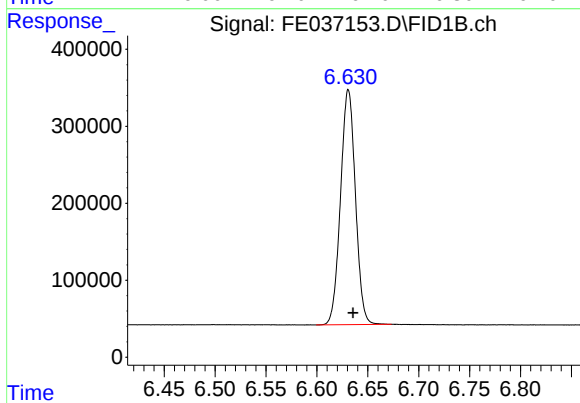
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: -0.006 min
Response: 3052515
Conc: 19.97 ug/ml



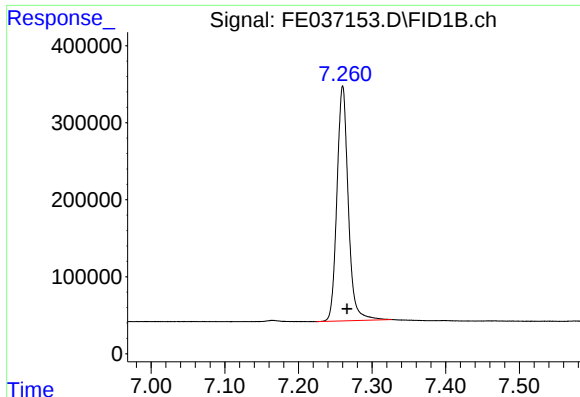
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.007 min
Response: 3276382
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

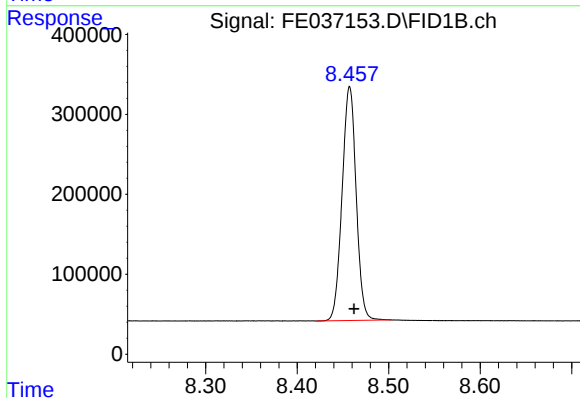
R.T.: 6.631 min
Delta R.T.: -0.005 min
Response: 3112525
Conc: 19.93 ug/ml



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

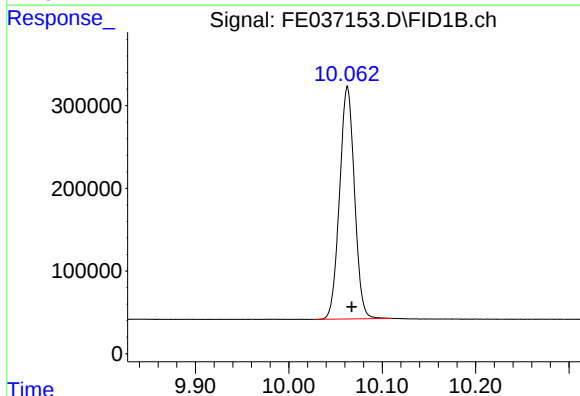
R.T.: 7.260 min
Delta R.T.: -0.006 min
Response: 3257322
Conc: 20.07 ug/ml

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20 PPM ALIPHATIC HC STD



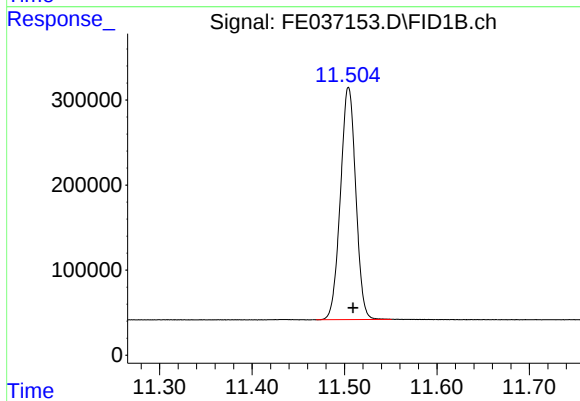
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 3119856
Conc: 19.74 ug/ml



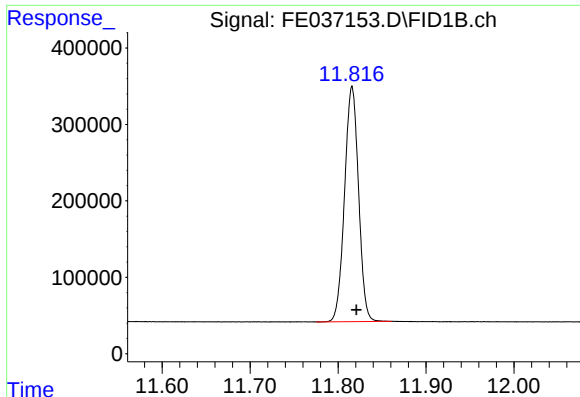
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.005 min
Response: 3120940
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

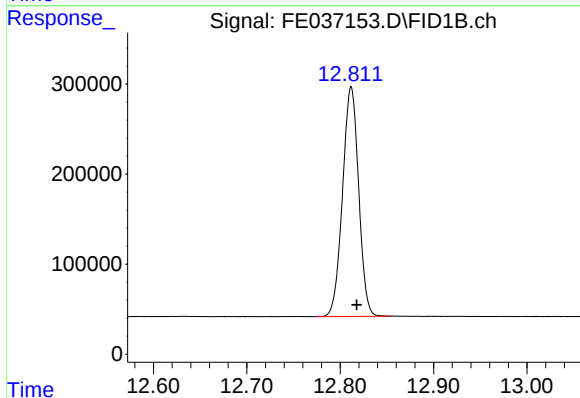
R.T.: 11.504 min
Delta R.T.: -0.005 min
Response: 3148933
Conc: 19.18 ug/ml



#9 ortho-Terphenyl (SURR)

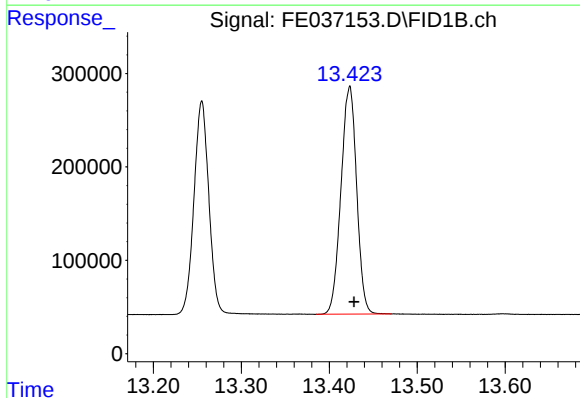
R.T.: 11.816 min
Delta R.T.: -0.005 min
Response: 3401770
Conc: 18.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



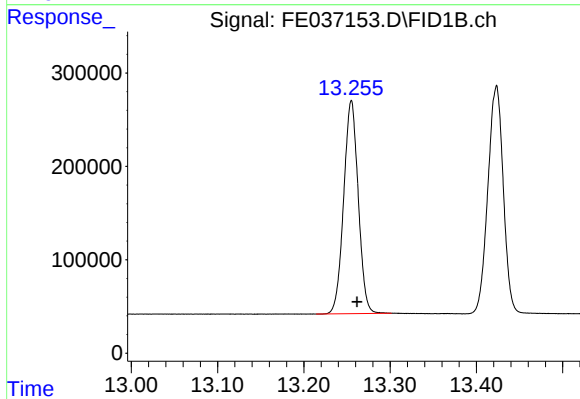
#10 n-Eicosane (C20)

R.T.: 12.812 min
Delta R.T.: -0.006 min
Response: 3056347
Conc: 18.62 ug/ml



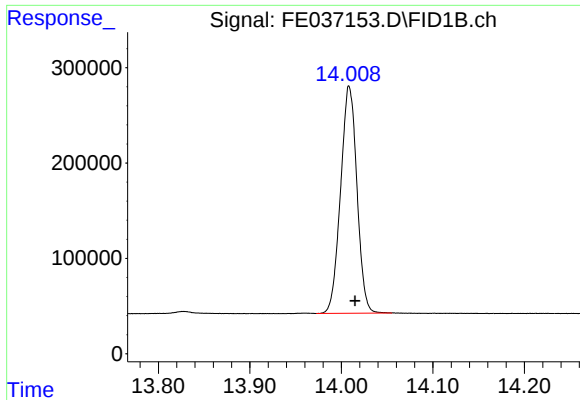
#11 n-Heneicosane (C21)

R.T.: 13.423 min
Delta R.T.: -0.005 min
Response: 3024266
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

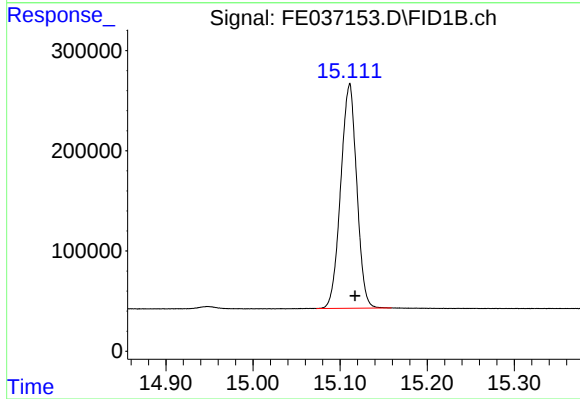
R.T.: 13.255 min
Delta R.T.: -0.006 min
Response: 2670346
Conc: 18.30 ug/ml



#13 n-Docosane (C22)

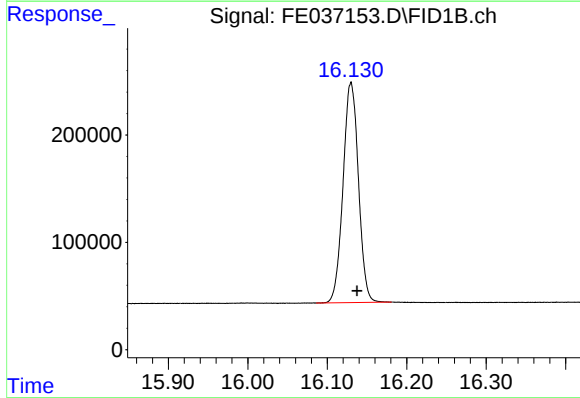
R.T.: 14.009 min
Delta R.T.: -0.006 min
Response: 2959857
Conc: 18.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



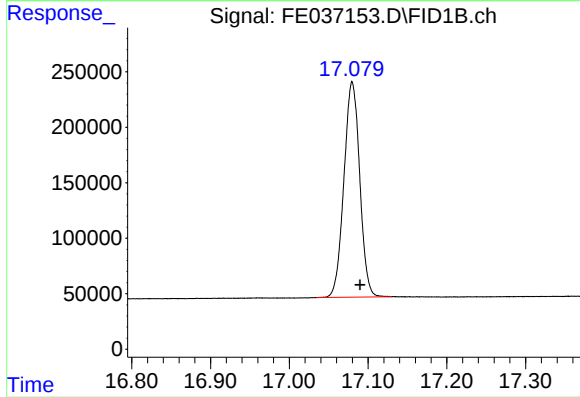
#14 n-Tetracosane (C24)

R.T.: 15.111 min
Delta R.T.: -0.006 min
Response: 2867293
Conc: 17.74 ug/ml



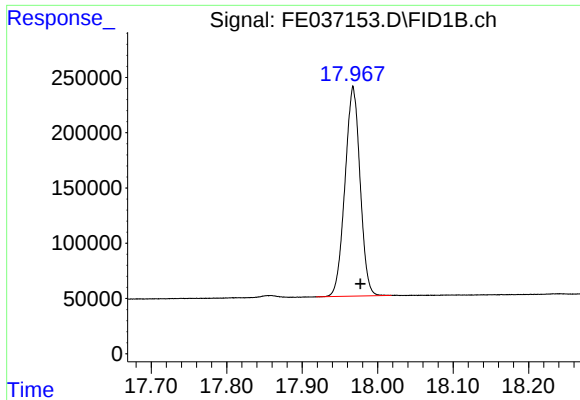
#15 n-Hexacosane (C26)

R.T.: 16.130 min
Delta R.T.: -0.007 min
Response: 2760261
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

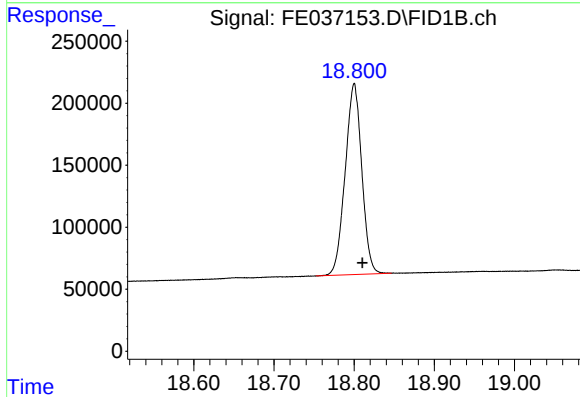
R.T.: 17.080 min
Delta R.T.: -0.010 min
Response: 2707802
Conc: 17.42 ug/ml



#17 n-Tricontane (C30)

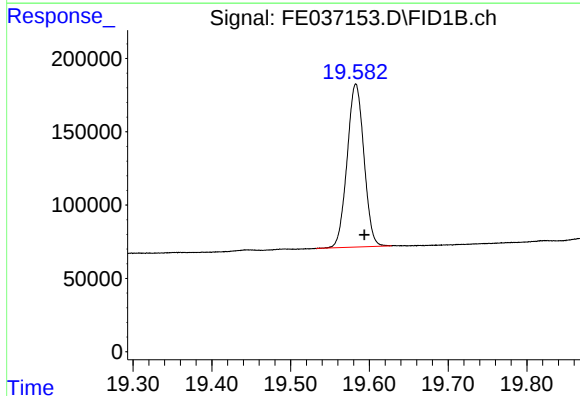
R.T.: 17.967 min
Delta R.T.: -0.009 min
Response: 2637016
Conc: 18.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



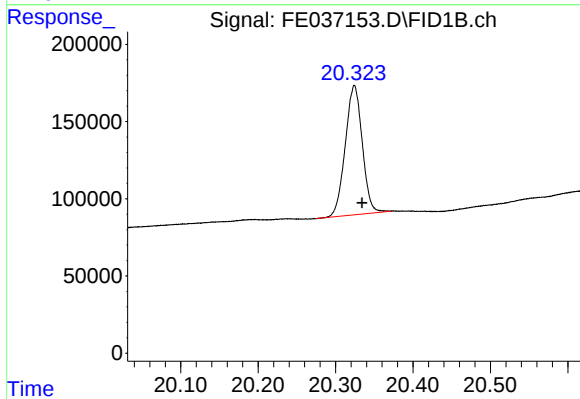
#18 n-Dotriacontane (C32)

R.T.: 18.800 min
Delta R.T.: -0.011 min
Response: 2216299
Conc: 19.07 ug/ml



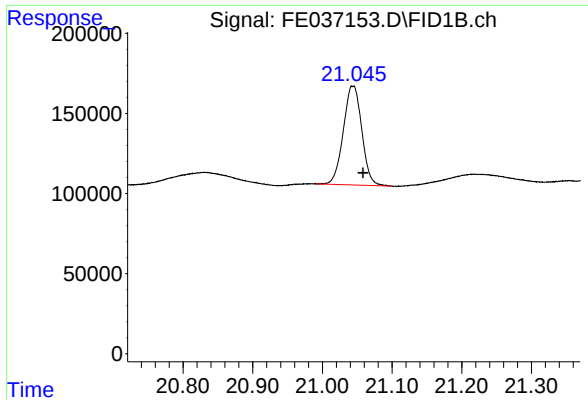
#19 n-Tetratriacontane (C34)

R.T.: 19.583 min
Delta R.T.: -0.011 min
Response: 1646570
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

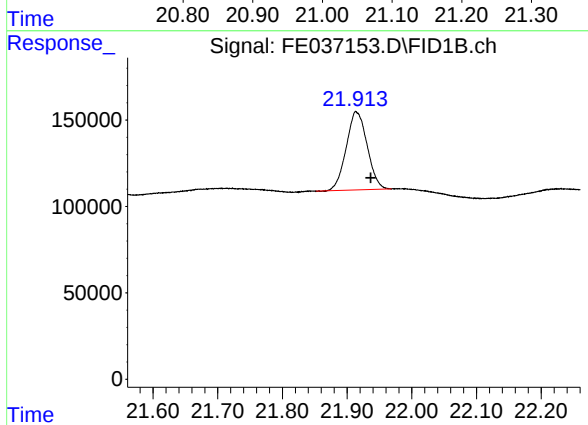
R.T.: 20.324 min
Delta R.T.: -0.010 min
Response: 1275361
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.044 min
Delta R.T.: -0.015 min
Response: 1135920
Conc: 22.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: -0.023 min
Response: 1019963
Conc: 21.19 ug/ml