

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122922AL\
 Data File : FE039547.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2022 12:08
 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: Dec 29 15:43:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.924	3075581	20.609 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
12) S 1-chlorooctadecane (S...	13.359	2365342	20.551 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
Target Compounds			
1) T n-Nonane (C9)	3.324	2622111	20.286 ug/ml
2) T n-Decane (C10)	4.571	2601170	20.414 ug/ml
3) T A~Naphthalene (C11.7)	6.273	2916011	20.172 ug/ml
4) T n-Dodecane (C12)	6.734	2630168	20.259 ug/ml
5) T A~2-methylnaphthalene...	7.367	2725069	20.121 ug/ml
6) T n-Tetradecane (C14)	8.559	2683002	20.247 ug/ml
7) T n-Hexadecane (C16)	10.165	2792085	20.295 ug/ml
8) T n-Octadecane (C18)	11.607	2854568	20.381 ug/ml
10) T n-Eicosane (C20)	12.915	2800614	20.516 ug/ml
11) T n-Heneicosane (C21)	13.527	2615889	19.179 ug/ml
13) T n-Docosane (C22)	14.113	2799249	20.693 ug/ml
14) T n-Tetracosane (C24)	15.214	2810602	20.937 ug/ml
15) T n-Hexacosane (C26)	16.236	2759339	21.192 ug/ml
16) T n-Octacosane (C28)	17.185	2796060	21.725 ug/ml
17) T n-Tricontane (C30)	18.073	2629928	20.427 ug/ml
18) T n-Dotriacontane (C32)	18.905	2929674	22.623 ug/ml
19) T n-Tetratriacontane (C34)	19.690	2725501	21.603 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2417136	19.990 ug/ml
21) T n-Octatriacontane (C38)	21.164	2425689	19.642 ug/ml
22) T n-Tetracontane (C40)	22.074	2379331	18.946 ug/ml

(f)=RT Delta > 1/2 Window

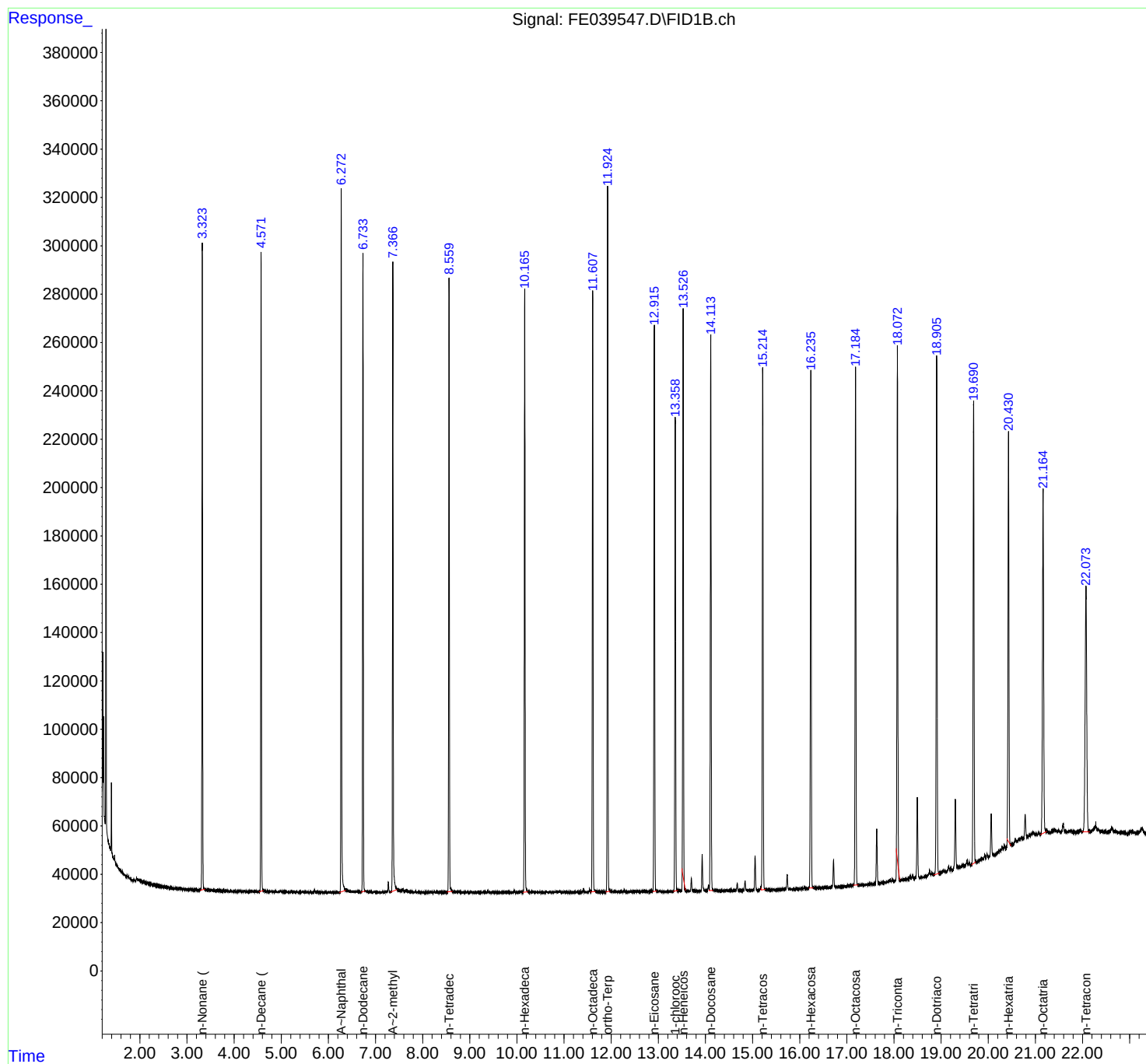
(m)=manual int.

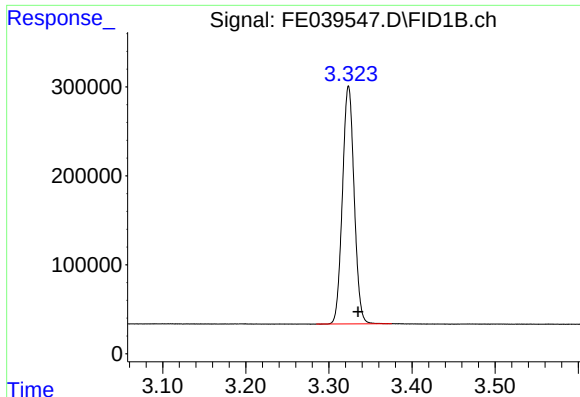
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122922AL\
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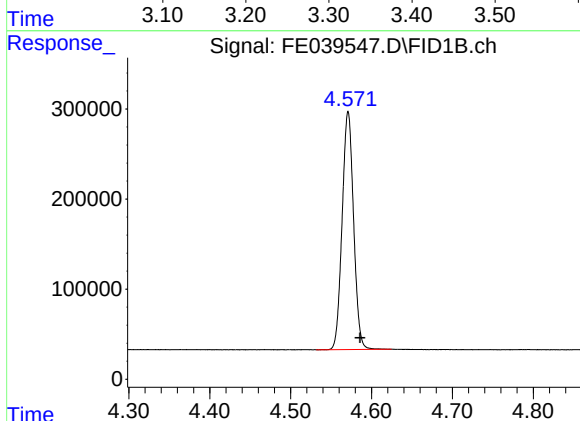




#1 n-Nonane (C9)

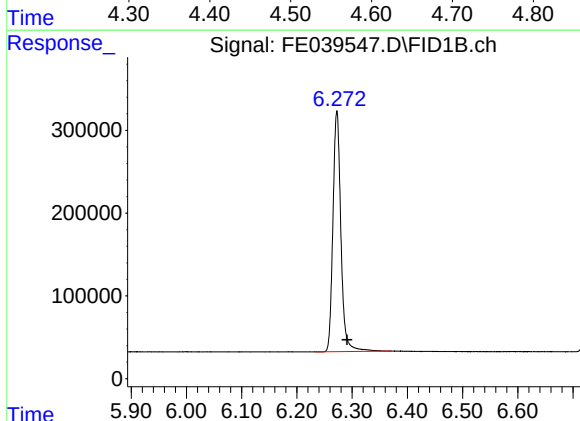
R.T.: 3.324 min
Delta R.T.: -0.011 min
Response: 2622111
Conc: 20.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



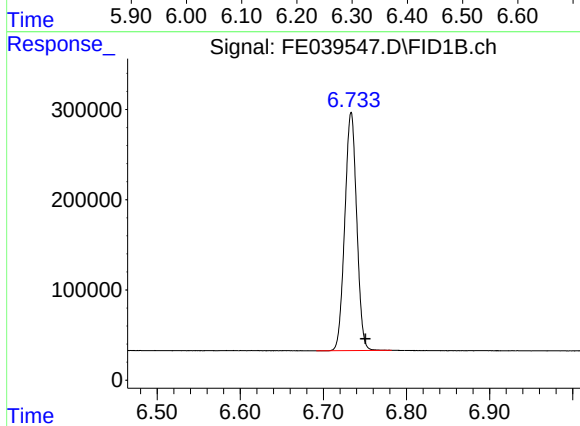
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.015 min
Response: 2601170
Conc: 20.41 ug/ml



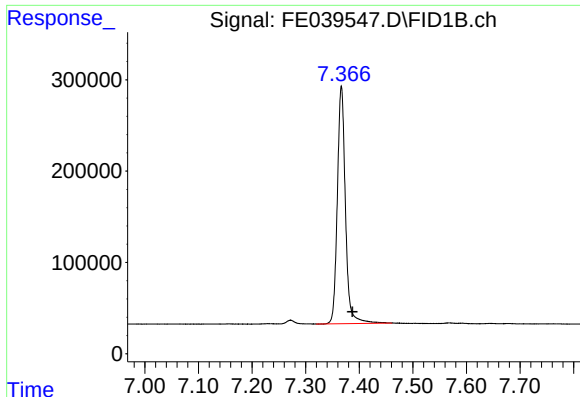
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.018 min
Response: 2916011
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

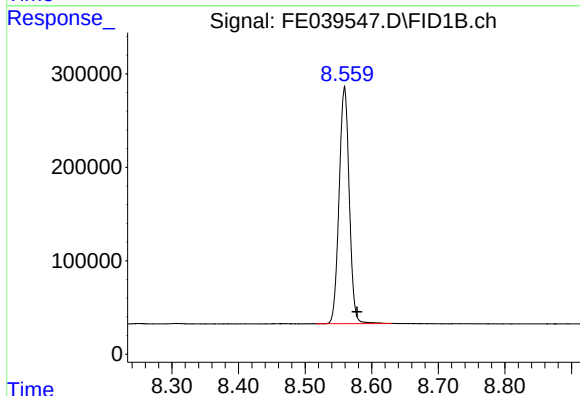
R.T.: 6.734 min
Delta R.T.: -0.017 min
Response: 2630168
Conc: 20.26 ug/ml



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

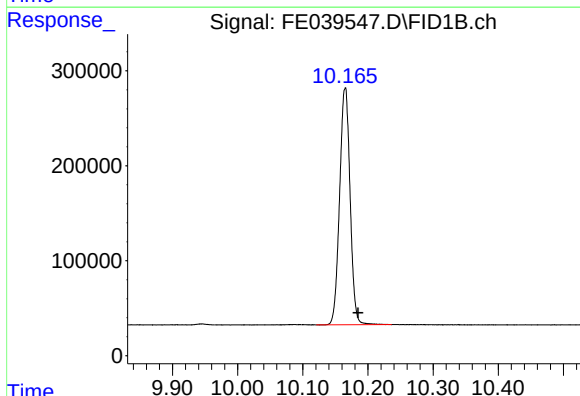
R.T.: 7.367 min
Delta R.T.: -0.020 min
Response: 2725069
Conc: 20.12 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



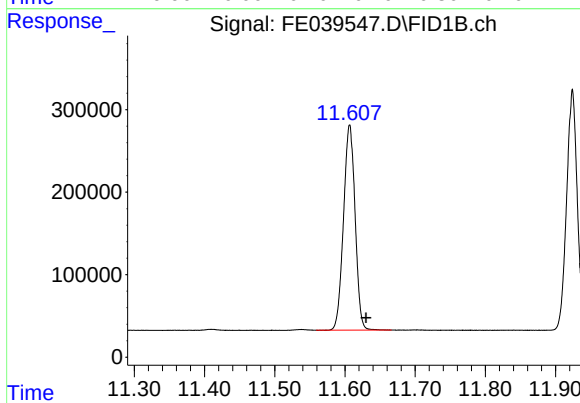
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.019 min
Response: 2683002
Conc: 20.25 ug/ml



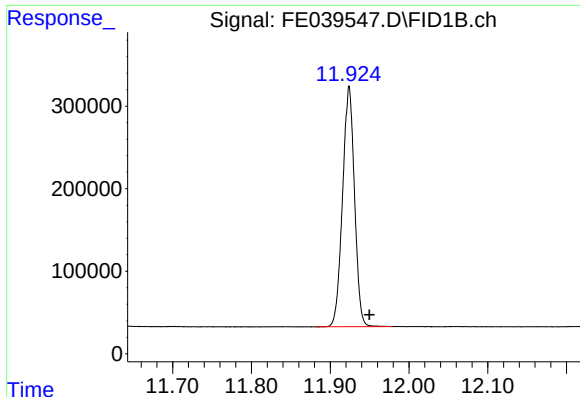
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.020 min
Response: 2792085
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

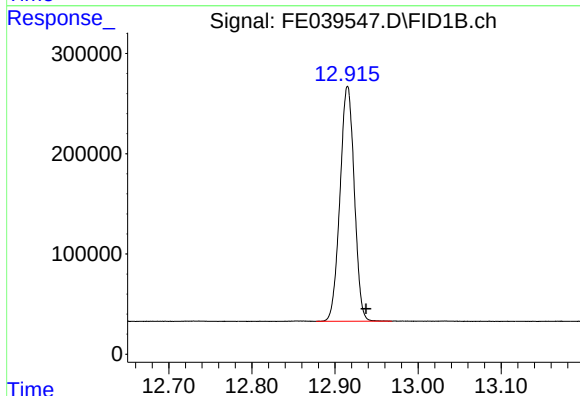
R.T.: 11.607 min
Delta R.T.: -0.024 min
Response: 2854568
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

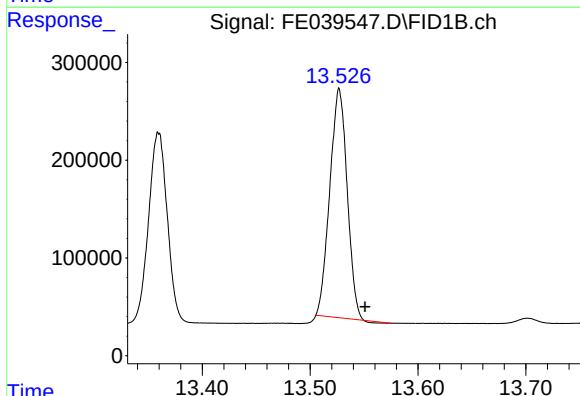
R.T.: 11.924 min
Delta R.T.: -0.026 min
Response: 3075581
Conc: 20.61 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



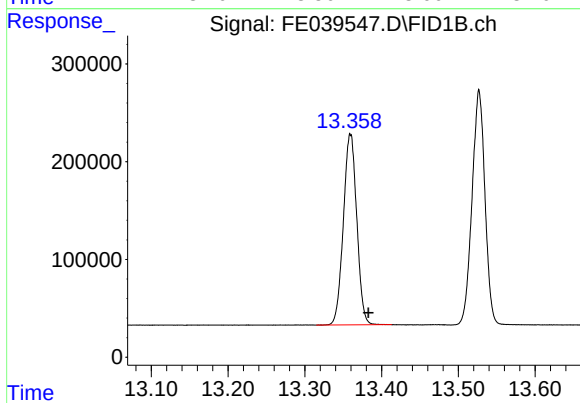
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.022 min
Response: 2800614
Conc: 20.52 ug/ml



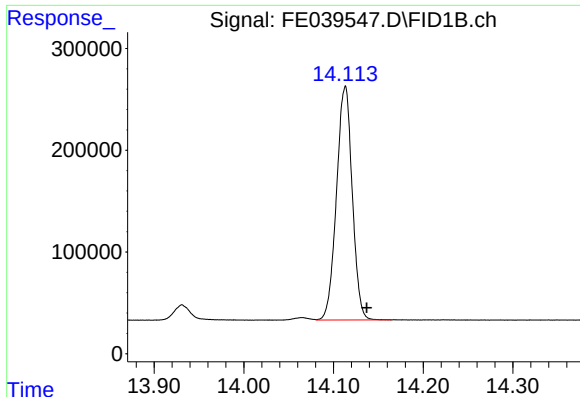
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.024 min
Response: 2615889
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

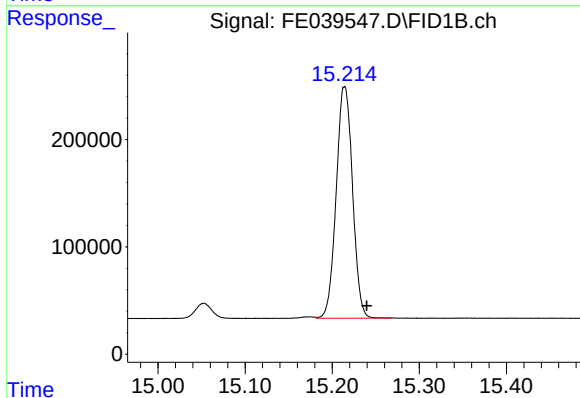
R.T.: 13.359 min
Delta R.T.: -0.023 min
Response: 2365342
Conc: 20.55 ug/ml



#13 n-Docosane (C22)

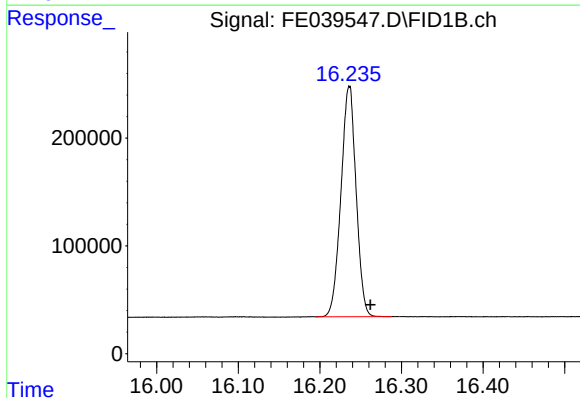
R.T.: 14.113 min
Delta R.T.: -0.024 min
Response: 2799249
Conc: 20.69 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



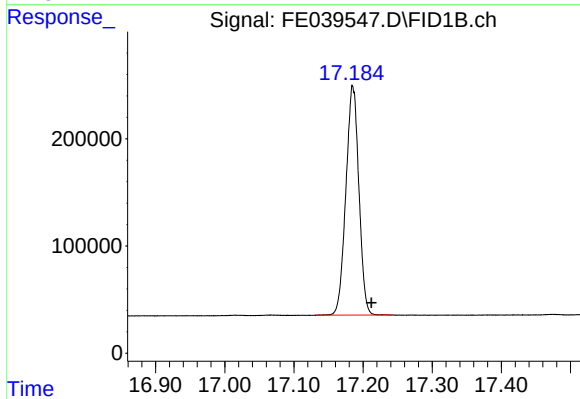
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.025 min
Response: 2810602
Conc: 20.94 ug/ml



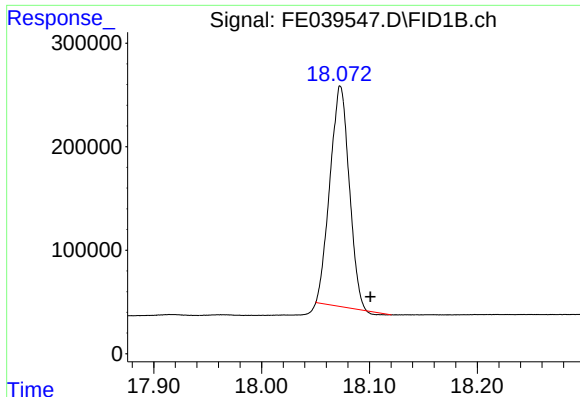
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: -0.026 min
Response: 2759339
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

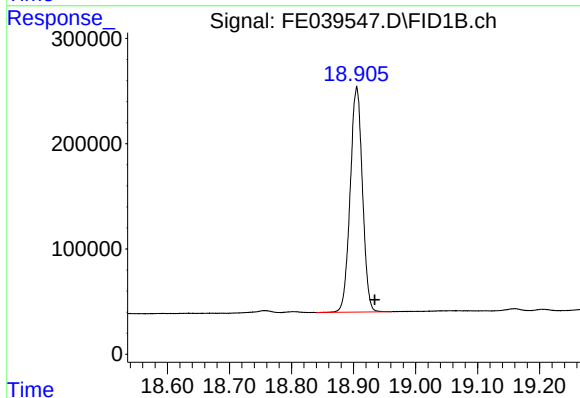
R.T.: 17.185 min
Delta R.T.: -0.027 min
Response: 2796060
Conc: 21.73 ug/ml



#17 n-Tricontane (C30)

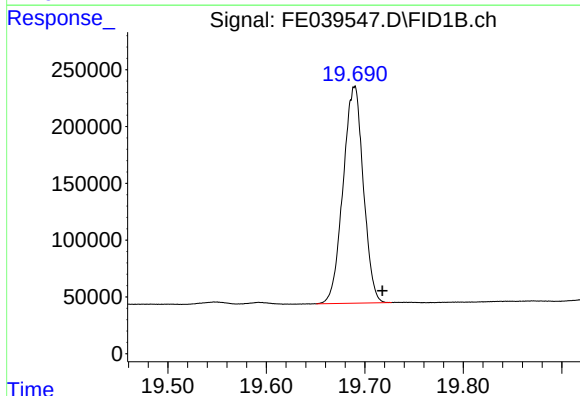
R.T.: 18.073 min
Delta R.T.: -0.028 min
Response: 2629928
Conc: 20.43 ug/ml

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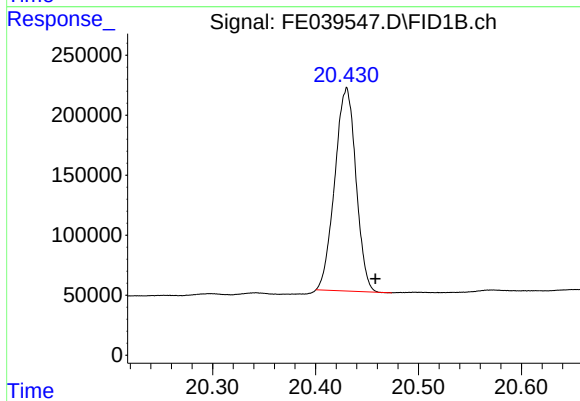
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.029 min
Response: 2929674
Conc: 22.62 ug/ml



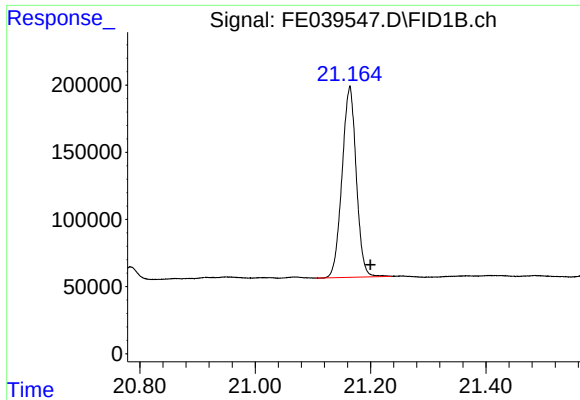
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: -0.028 min
Response: 2725501
Conc: 21.60 ug/ml



#20 n-Hexatriacontane (C36)

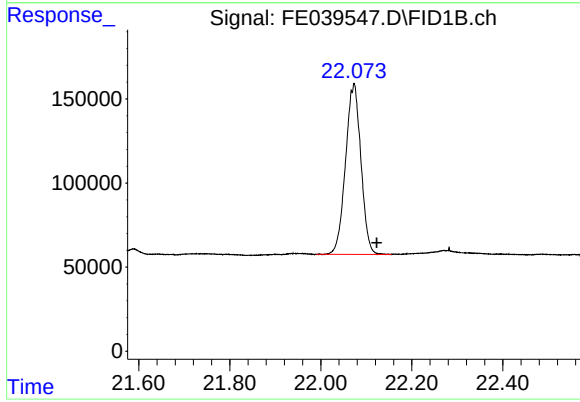
R.T.: 20.430 min
Delta R.T.: -0.028 min
Response: 2417136
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.036 min
Response: 2425689
Conc: 19.64 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: -0.049 min
Response: 2379331
Conc: 18.95 ug/ml