

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122122AL\
 Data File : FE039429.D
 Signal(s) : FID1B.ch
 Acq On : 21 Dec 2022 09:21
 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: Dec 21 14:19:15 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)	11.929	2944868	19.733 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	13.364	2255091	19.593 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.325	2407363	18.624 ug/ml
2) T n-Decane (C10)	4.575	2425330	19.034 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2807111	19.419 ug/ml
4) T n-Dodecane (C12)	6.738	2454041	18.903 ug/ml
5) T A~2-methylnaphthalene...	7.372	2637028	19.471 ug/ml
6) T n-Tetradecane (C14)	8.563	2523981	19.047 ug/ml
7) T n-Hexadecane (C16)	10.170	2646210	19.235 ug/ml
8) T n-Octadecane (C18)	11.611	2721024	19.427 ug/ml
10) T n-Eicosane (C20)	12.920	2666869	19.537 ug/ml
11) T n-Heneicosane (C21)	13.532	2639673	19.354 ug/ml
13) T n-Docosane (C22)	14.118	2642929	19.537 ug/ml
14) T n-Tetracosane (C24)	15.220	2616566	19.492 ug/ml
15) T n-Hexacosane (C26)	16.241	2536485	19.480 ug/ml
16) T n-Octacosane (C28)	17.190	2559401	19.886 ug/ml
17) T n-Tricontane (C30)	18.078	2647082	20.560 ug/ml
18) T n-Dotriacontane (C32)	18.911	2762907	21.335 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2626739	20.820 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2381311	19.694 ug/ml
21) T n-Octatriacontane (C38)	21.171	2344510	18.984 ug/ml
22) T n-Tetracontane (C40)	22.082	2279818	18.154 ug/ml

(f)=RT Delta > 1/2 Window

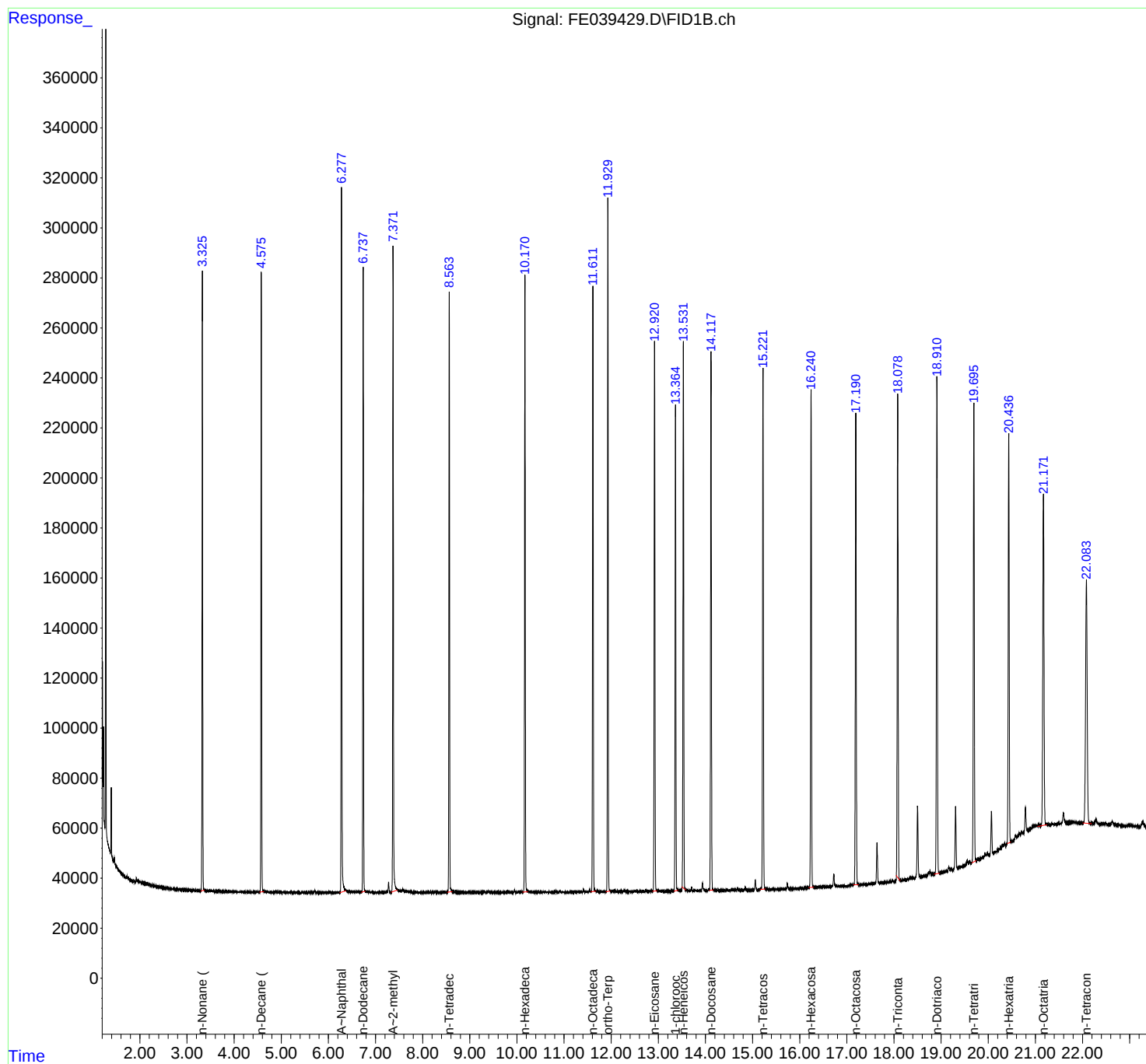
(m)=manual int.

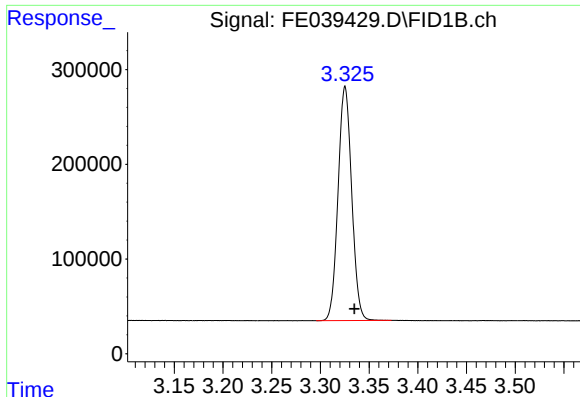
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122122AL\
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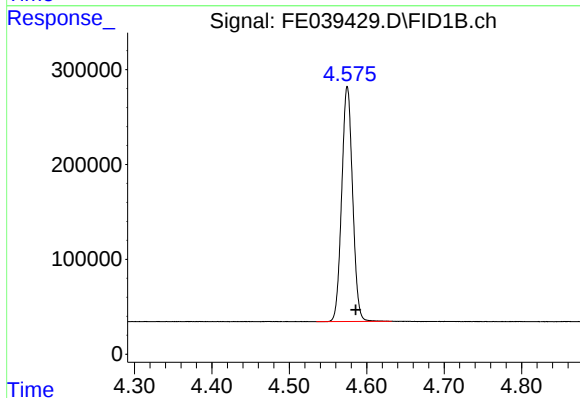




#1 n-Nonane (C9)

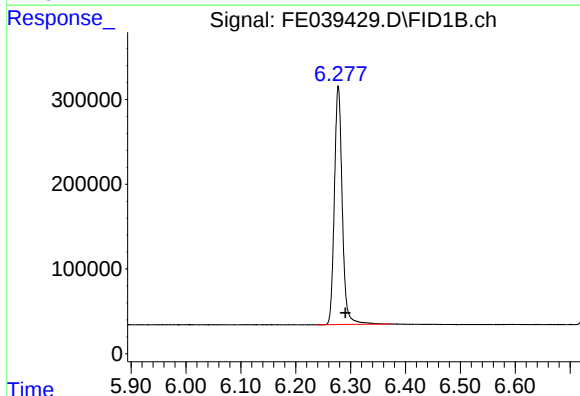
R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 2407363
Conc: 18.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



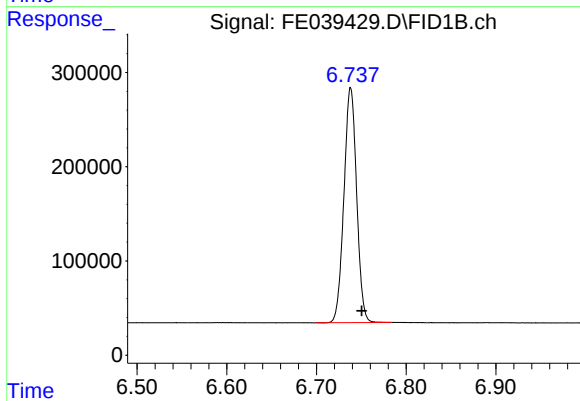
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.011 min
Response: 2425330
Conc: 19.03 ug/ml



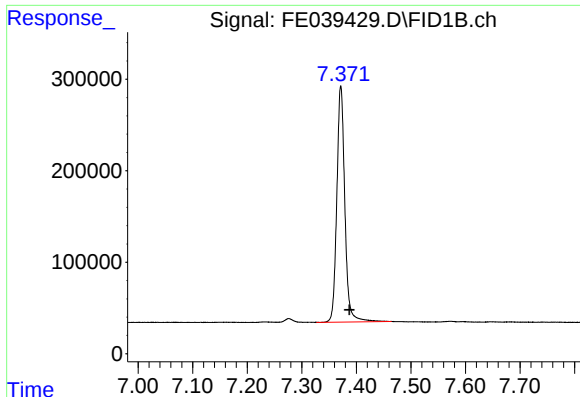
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.013 min
Response: 2807111
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

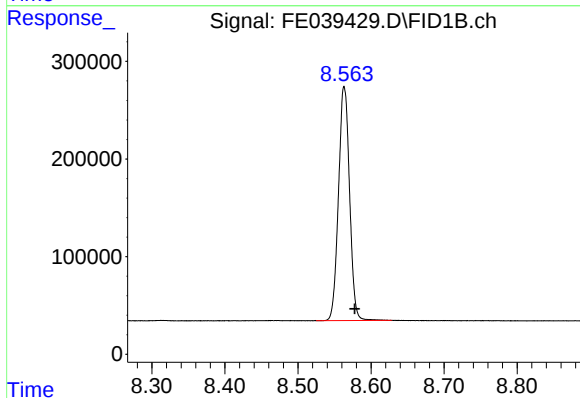
R.T.: 6.738 min
Delta R.T.: -0.012 min
Response: 2454041
Conc: 18.90 ug/ml



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

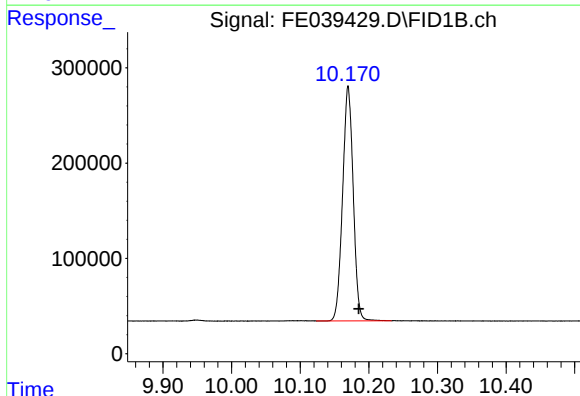
R.T.: 7.372 min
Delta R.T.: -0.015 min
Response: 2637028
Conc: 19.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



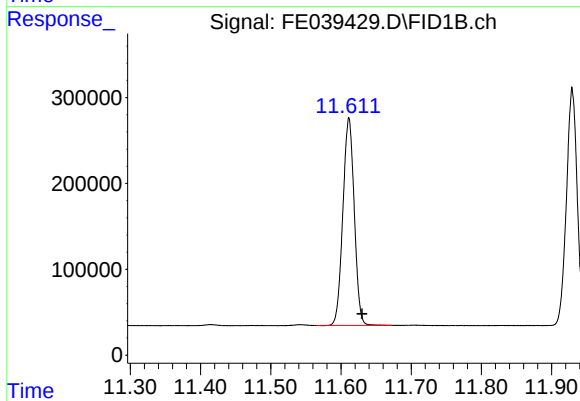
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.015 min
Response: 2523981
Conc: 19.05 ug/ml



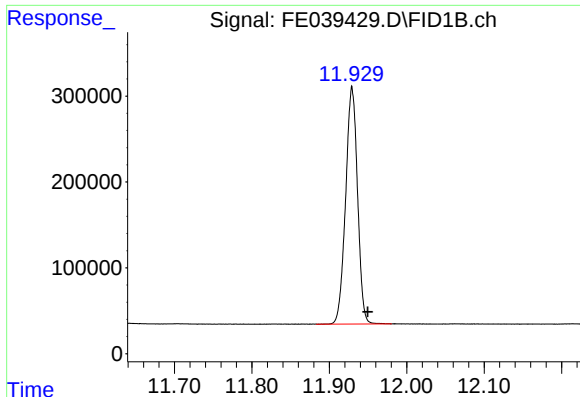
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.015 min
Response: 2646210
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

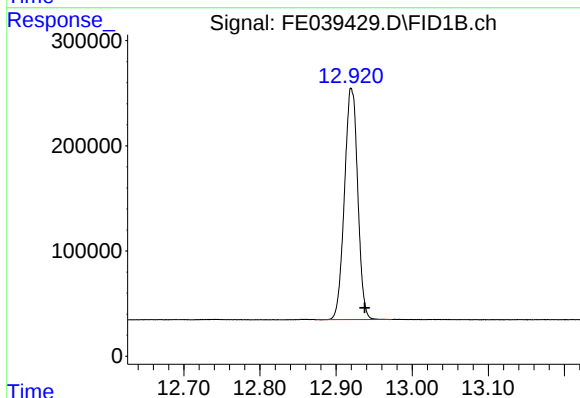
R.T.: 11.611 min
Delta R.T.: -0.019 min
Response: 2721024
Conc: 19.43 ug/ml



#9 ortho-Terphenyl (SURR)

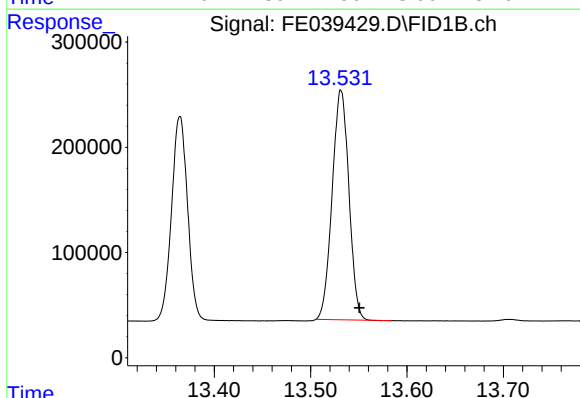
R.T.: 11.929 min
Delta R.T.: -0.020 min
Response: 2944868
Conc: 19.73 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



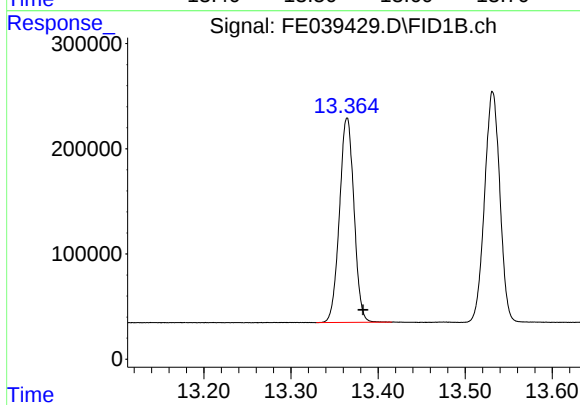
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.017 min
Response: 2666869
Conc: 19.54 ug/ml



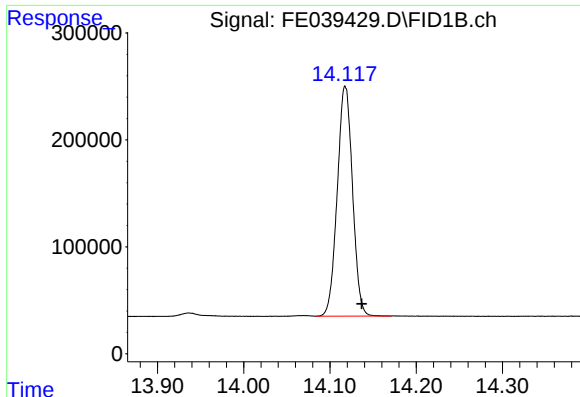
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.019 min
Response: 2639673
Conc: 19.35 ug/ml



#12 1-chlorooctadecane (SURR)

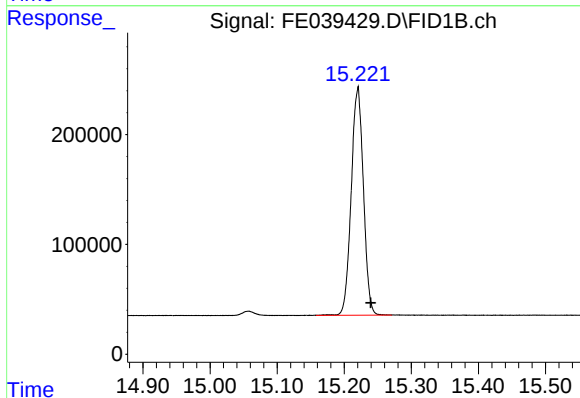
R.T.: 13.364 min
Delta R.T.: -0.018 min
Response: 2255091
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

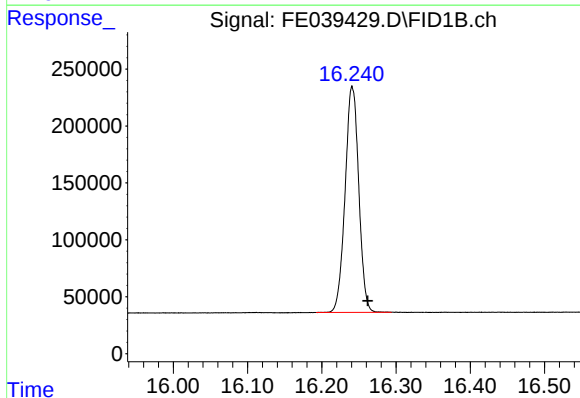
R.T.: 14.118 min
Delta R.T.: -0.019 min
Response: 2642929
Conc: 19.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



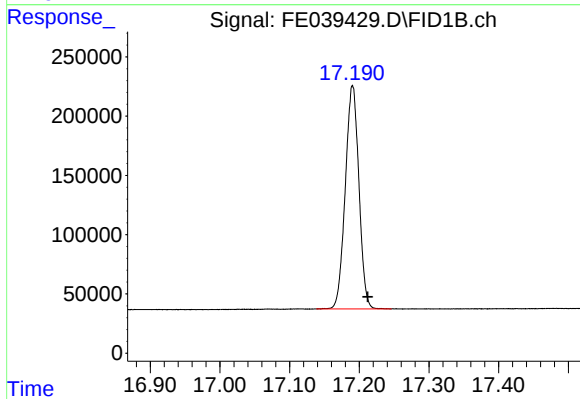
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.019 min
Response: 2616566
Conc: 19.49 ug/ml



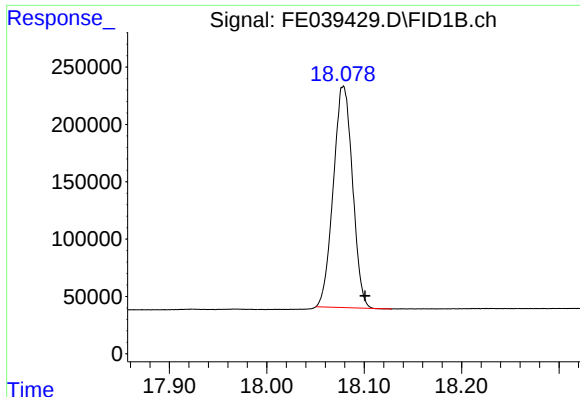
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.021 min
Response: 2536485
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

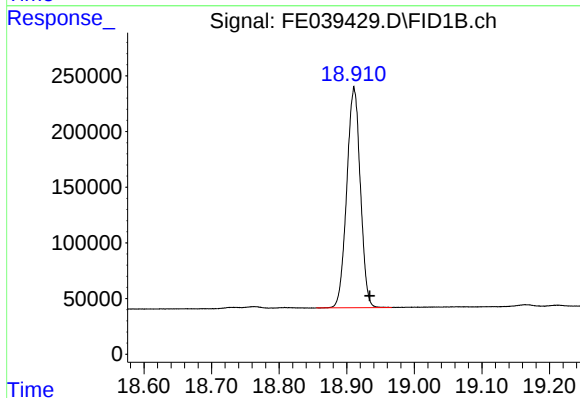
R.T.: 17.190 min
Delta R.T.: -0.022 min
Response: 2559401
Conc: 19.89 ug/ml



#17 n-Tricontane (C30)

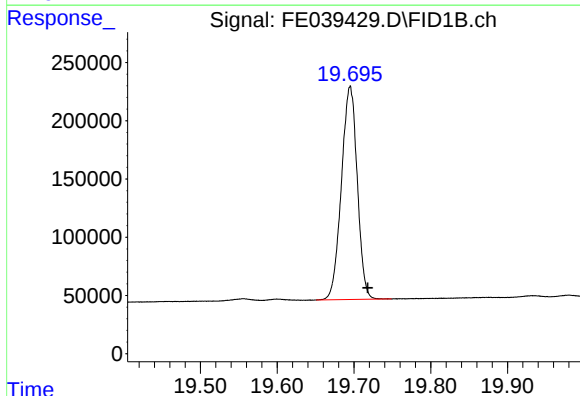
R.T.: 18.078 min
Delta R.T.: -0.023 min
Response: 2647082
Conc: 20.56 ug/ml

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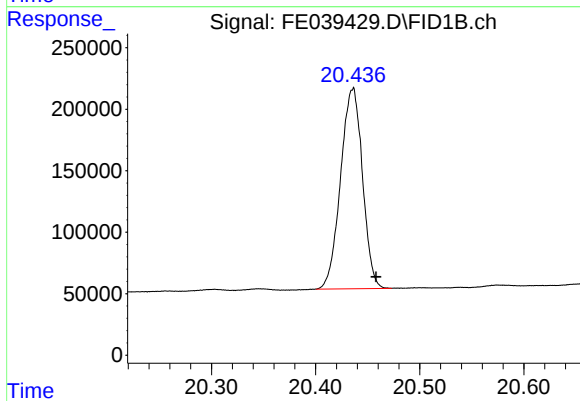
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.023 min
Response: 2762907
Conc: 21.34 ug/ml



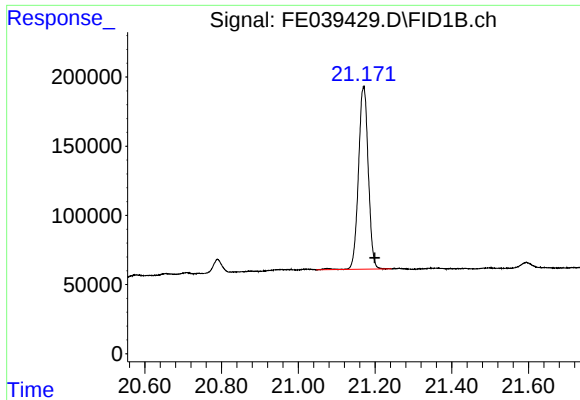
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.023 min
Response: 2626739
Conc: 20.82 ug/ml



#20 n-Hexatriacontane (C36)

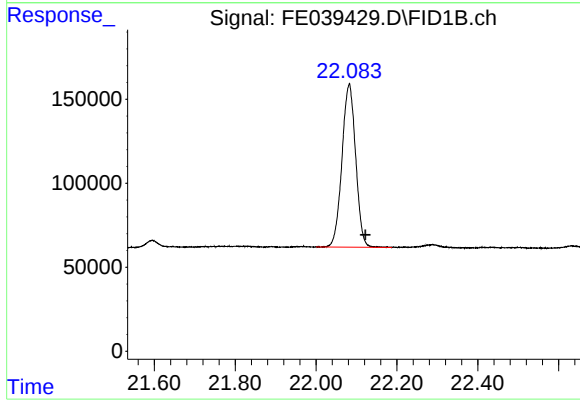
R.T.: 20.436 min
Delta R.T.: -0.022 min
Response: 2381311
Conc: 19.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.029 min
Response: 2344510
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.040 min
Response: 2279818
Conc: 18.15 ug/ml