

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102622AL\
 Data File : FE038334.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2022 00:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 27 06:39:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.979	3274741	19.031 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
12) S 1-chlorooctadecane (S...	13.411	2474770	18.077 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
Target Compounds			
1) T n-Nonane (C9)	3.379	2984578	19.379 ug/ml
2) T n-Decane (C10)	4.625	3011365	19.400 ug/ml
3) T A~Naphthalene (C11.7)	6.327	3261439	19.258 ug/ml
4) T n-Dodecane (C12)	6.786	3024580	19.361 ug/ml
5) T A~2-methylnaphthalene...	7.420	3204788	19.123 ug/ml
6) T n-Tetradecane (C14)	8.611	3006264	19.223 ug/ml
7) T n-Hexadecane (C16)	10.217	3011455	19.061 ug/ml
8) T n-Octadecane (C18)	11.658	3048436	19.031 ug/ml
10) T n-Eicosane (C20)	12.966	3033597	18.827 ug/ml
11) T n-Heneicosane (C21)	13.577	3028608	18.749 ug/ml
13) T n-Docosane (C22)	14.163	3020497	18.710 ug/ml
14) T n-Tetracosane (C24)	15.263	2992000	18.654 ug/ml
15) T n-Hexacosane (C26)	16.284	2947415	18.556 ug/ml
16) T n-Octacosane (C28)	17.231	2880177	18.358 ug/ml
17) T n-Tricontane (C30)	18.118	2879901	18.049 ug/ml
18) T n-Dotriacontane (C32)	18.949	2852970	18.095 ug/ml
19) T n-Tetratriacontane (C34)	19.731	2654929	18.009 ug/ml
20) T n-Hexatriacontane (C36)	20.469	2574287	18.017 ug/ml
21) T n-Octatriacontane (C38)	21.214	2308067	17.089 ug/ml
22) T n-Tetracontane (C40)	22.145	1960883	15.534 ug/ml

(f)=RT Delta > 1/2 Window

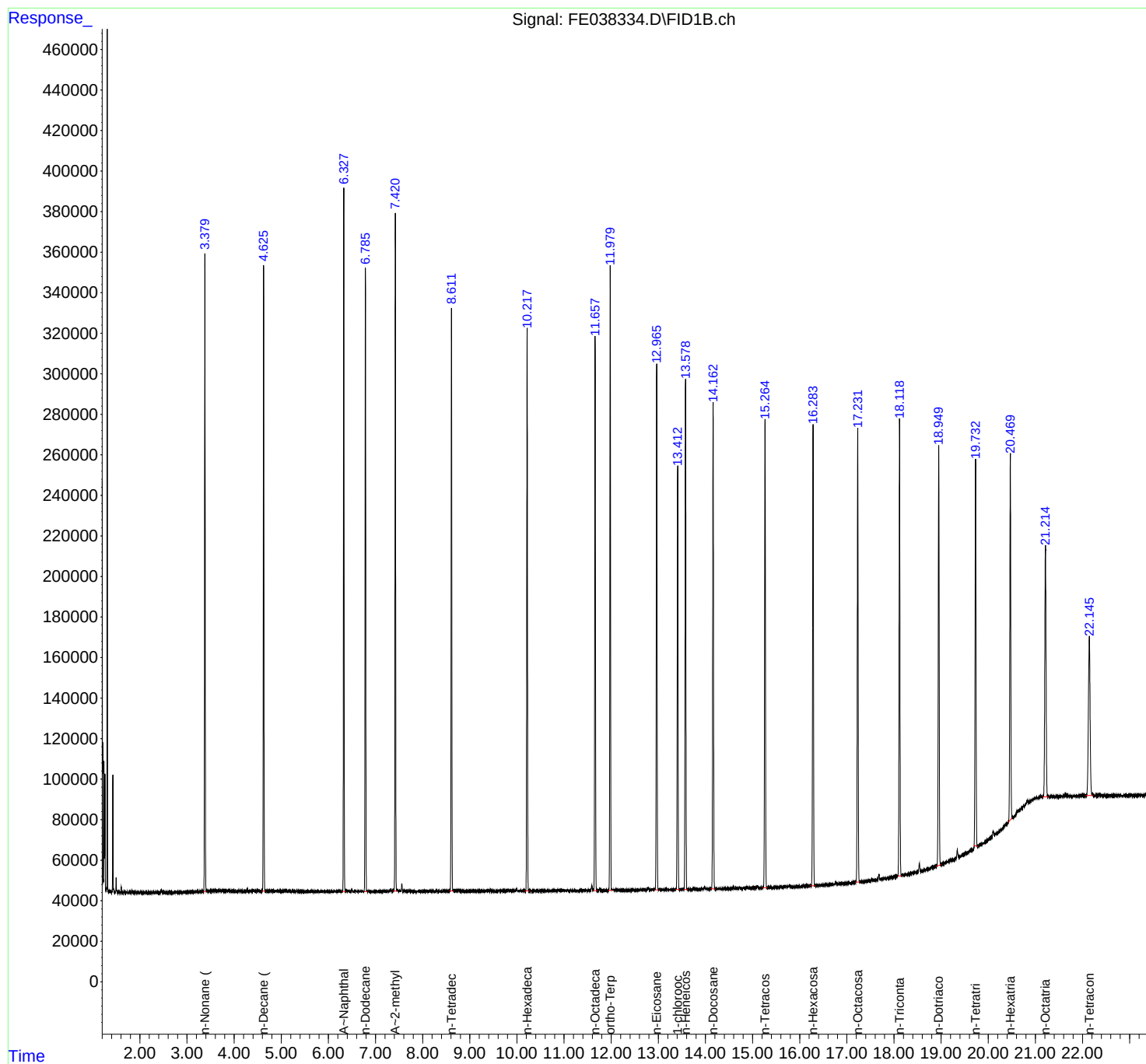
(m)=manual int.

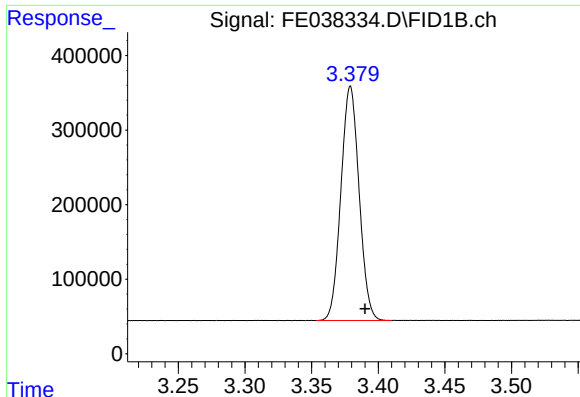
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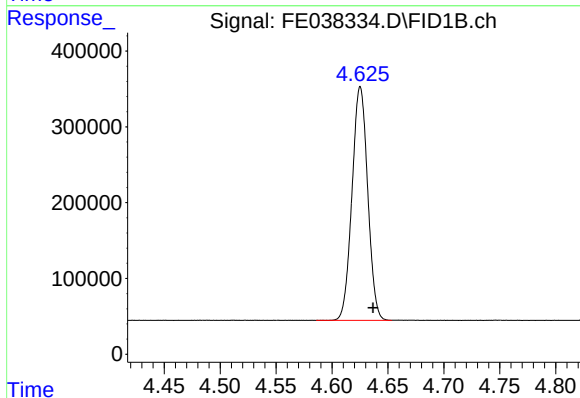




#1 n-Nonane (C9)

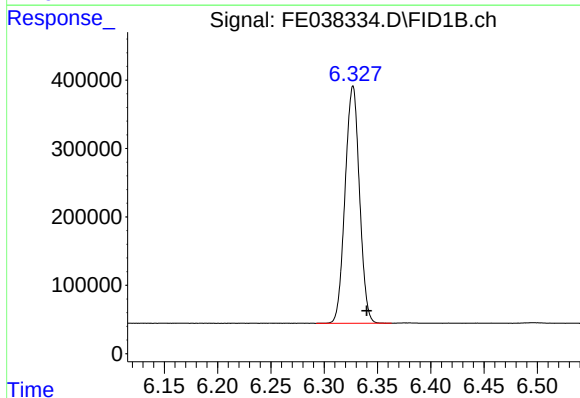
R.T.: 3.379 min
Delta R.T.: -0.011 min
Response: 2984578
Conc: 19.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



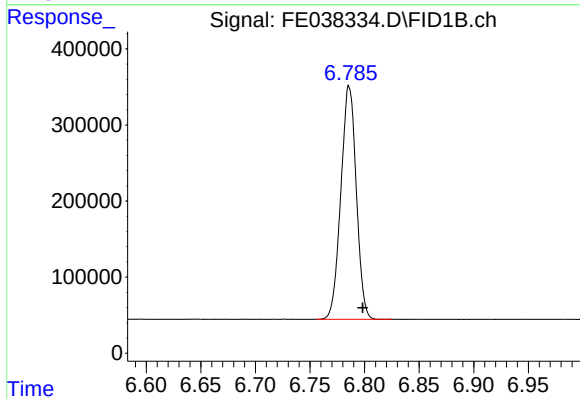
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: -0.011 min
Response: 3011365
Conc: 19.40 ug/ml



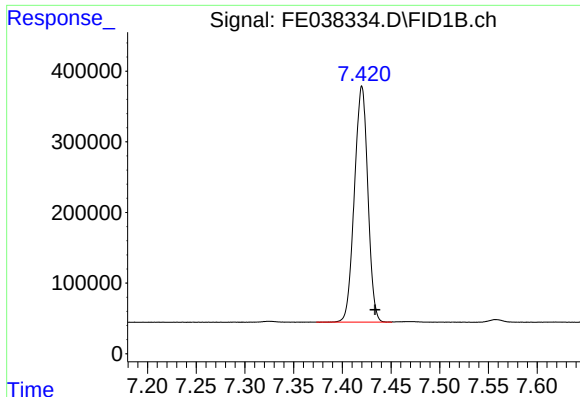
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: -0.013 min
Response: 3261439
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

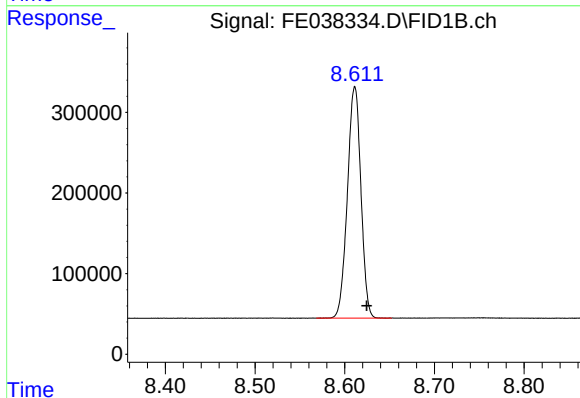
R.T.: 6.786 min
Delta R.T.: -0.012 min
Response: 3024580
Conc: 19.36 ug/ml



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

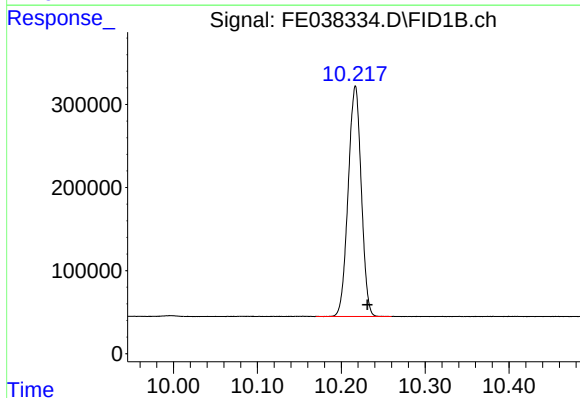
R.T.: 7.420 min
Delta R.T.: -0.013 min
Response: 3204788
Conc: 19.12 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



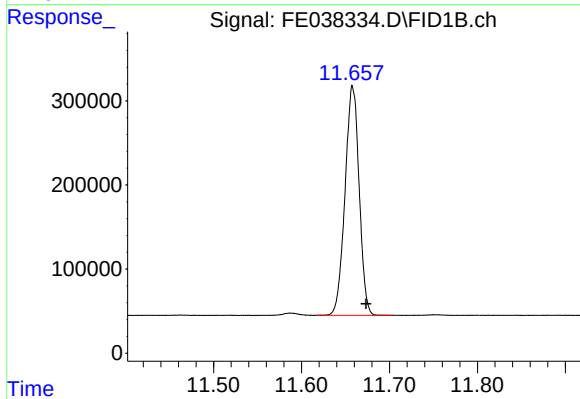
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: -0.013 min
Response: 3006264
Conc: 19.22 ug/ml



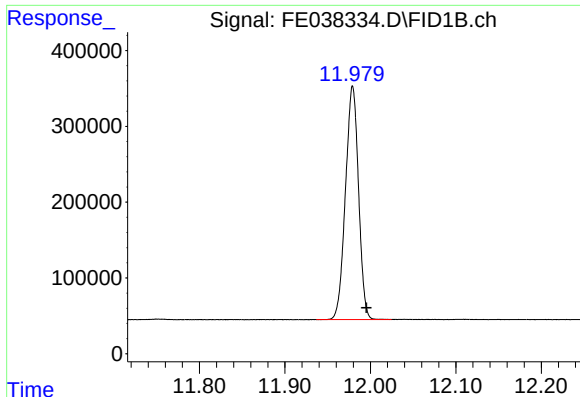
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.014 min
Response: 3011455
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

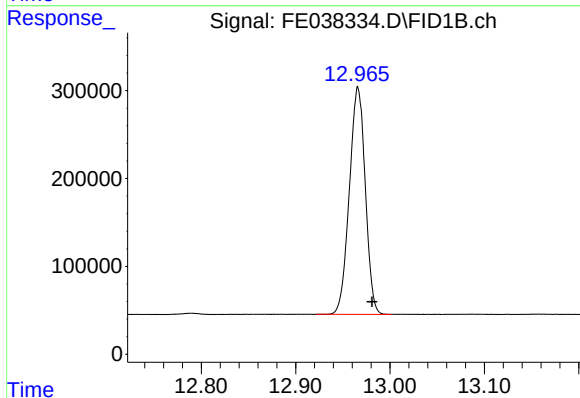
R.T.: 11.658 min
Delta R.T.: -0.015 min
Response: 3048436
Conc: 19.03 ug/ml



#9 ortho-Terphenyl (SURR)

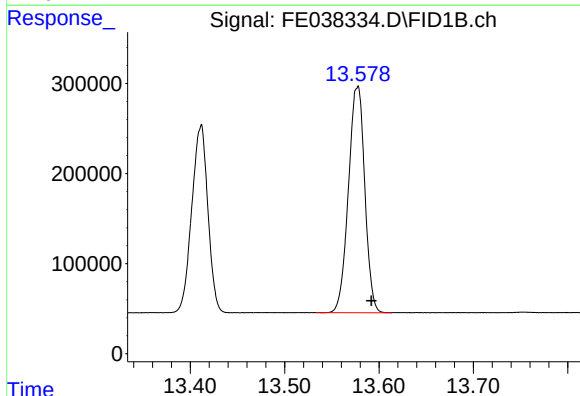
R.T.: 11.979 min
Delta R.T.: -0.016 min
Response: 3274741
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



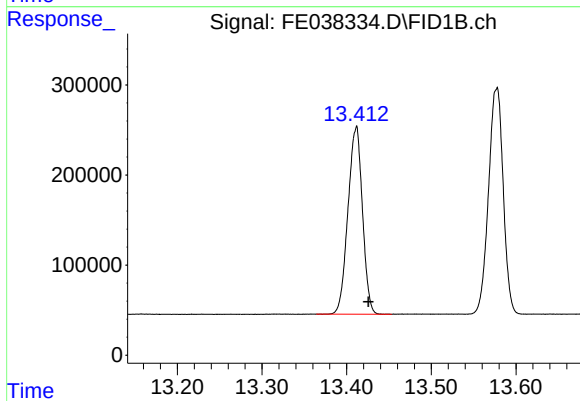
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.015 min
Response: 3033597
Conc: 18.83 ug/ml



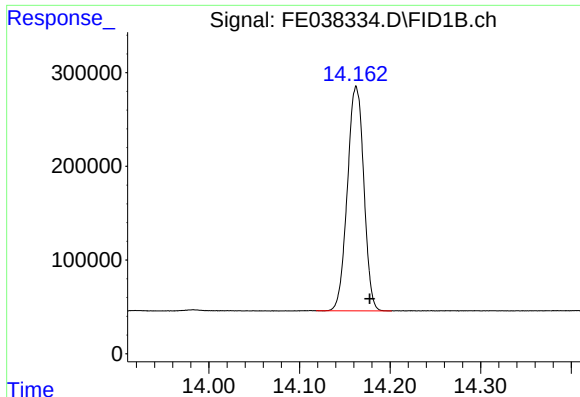
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.015 min
Response: 3028608
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

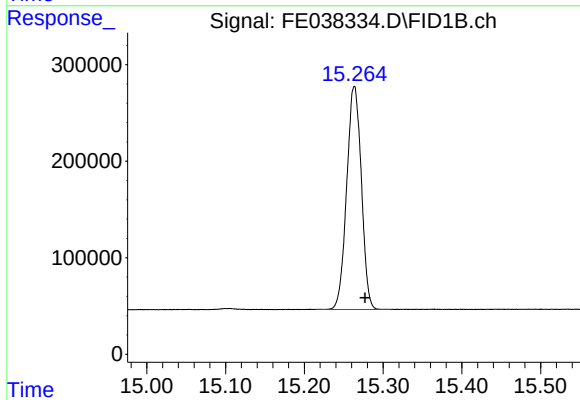
R.T.: 13.411 min
Delta R.T.: -0.014 min
Response: 2474770
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

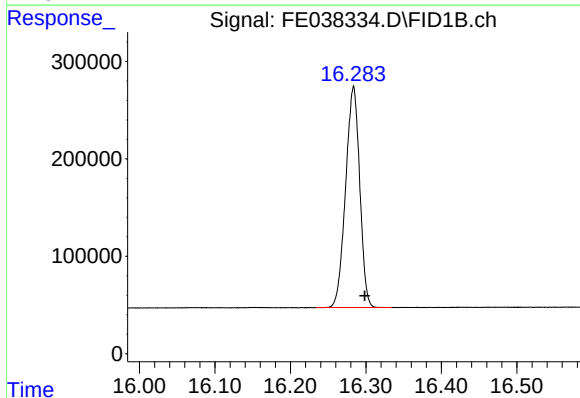
R.T.: 14.163 min
Delta R.T.: -0.015 min
Response: 3020497
Conc: 18.71 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



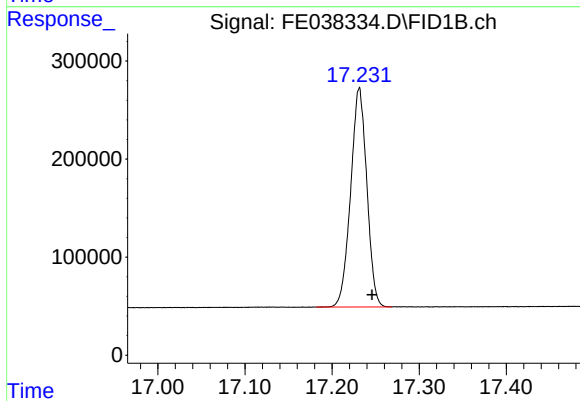
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.014 min
Response: 2992000
Conc: 18.65 ug/ml



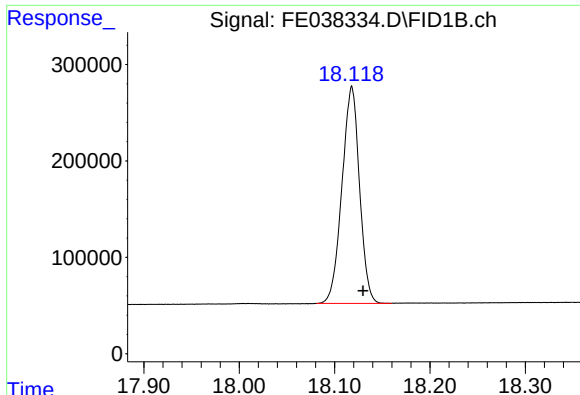
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.015 min
Response: 2947415
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

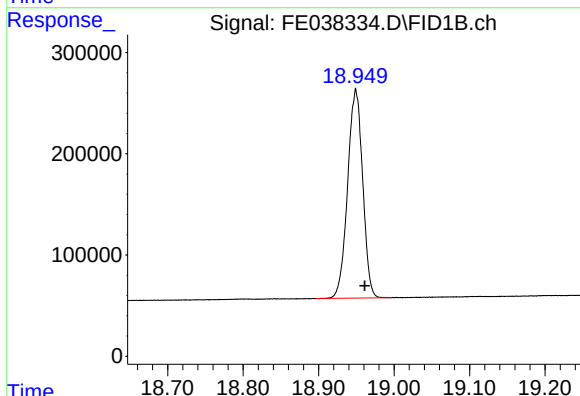
R.T.: 17.231 min
Delta R.T.: -0.015 min
Response: 2880177
Conc: 18.36 ug/ml



#17 n-Tricontane (C30)

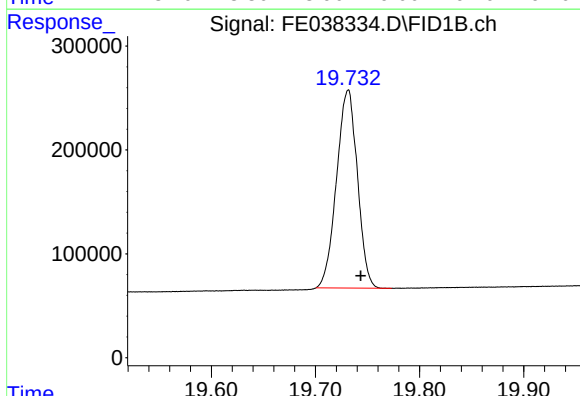
R.T.: 18.118 min
Delta R.T.: -0.012 min
Response: 2879901
Conc: 18.05 ug/ml

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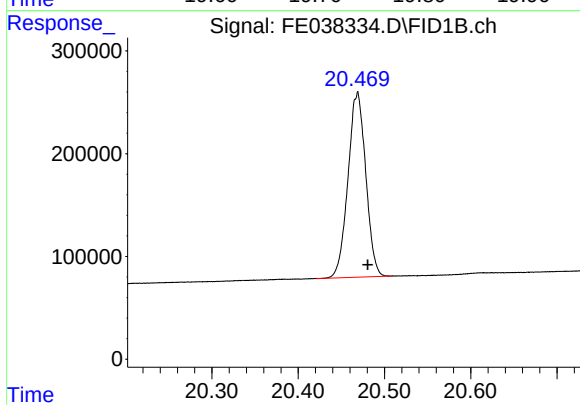
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.012 min
Response: 2852970
Conc: 18.09 ug/ml



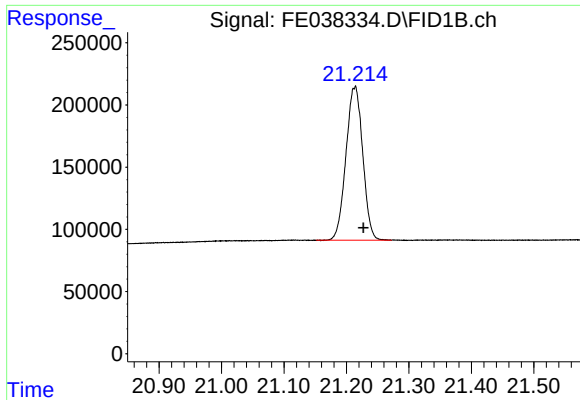
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.012 min
Response: 2654929
Conc: 18.01 ug/ml



#20 n-Hexatriacontane (C36)

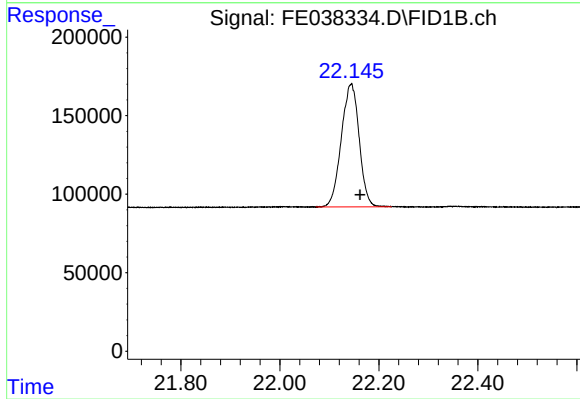
R.T.: 20.469 min
Delta R.T.: -0.012 min
Response: 2574287
Conc: 18.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.013 min
Response: 2308067
Conc: 17.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.018 min
Response: 1960883
Conc: 15.53 ug/ml