

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080423AL\
 Data File : FE043710.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2023 12:51
 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 04 01:31:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.941	4222941	20.492 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	13.380	3204308	20.534 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T n-Nonane (C9)	3.328	3363012	20.825 ug/ml
2) T n-Decane (C10)	4.579	3446660	20.912 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3803517	20.890 ug/ml
4) T n-Dodecane (C12)	6.743	3495664	20.887 ug/ml
5) T A~2-methylnaphthalene...	7.372	3724702	20.922 ug/ml
6) T n-Tetradecane (C14)	8.570	3507066	20.816 ug/ml
7) T n-Hexadecane (C16)	10.179	3665913	20.782 ug/ml
8) T n-Octadecane (C18)	11.625	3756312	20.736 ug/ml
10) T n-Eicosane (C20)	12.935	3654351	20.650 ug/ml
11) T n-Heneicosane (C21)	13.549	3618999	20.439 ug/ml
13) T n-Docosane (C22)	14.135	3596499	20.504 ug/ml
14) T n-Tetracosane (C24)	15.240	3579326	20.372 ug/ml
15) T n-Hexacosane (C26)	16.262	3492486	20.207 ug/ml
16) T n-Octacosane (C28)	17.213	3341495	19.971 ug/ml
17) T n-Tricontane (C30)	18.103	3278574	19.795 ug/ml
18) T n-Dotriacontane (C32)	18.937	3113968	19.722 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2951951	19.865 ug/ml
20) T n-Hexatriacontane (C36)	20.465	2799943	20.031 ug/ml
21) T n-Octatriacontane (C38)	21.208	2734511	20.498 ug/ml
22) T n-Tetracontane (C40)	22.132	2686298	20.820 ug/ml

(f)=RT Delta > 1/2 Window

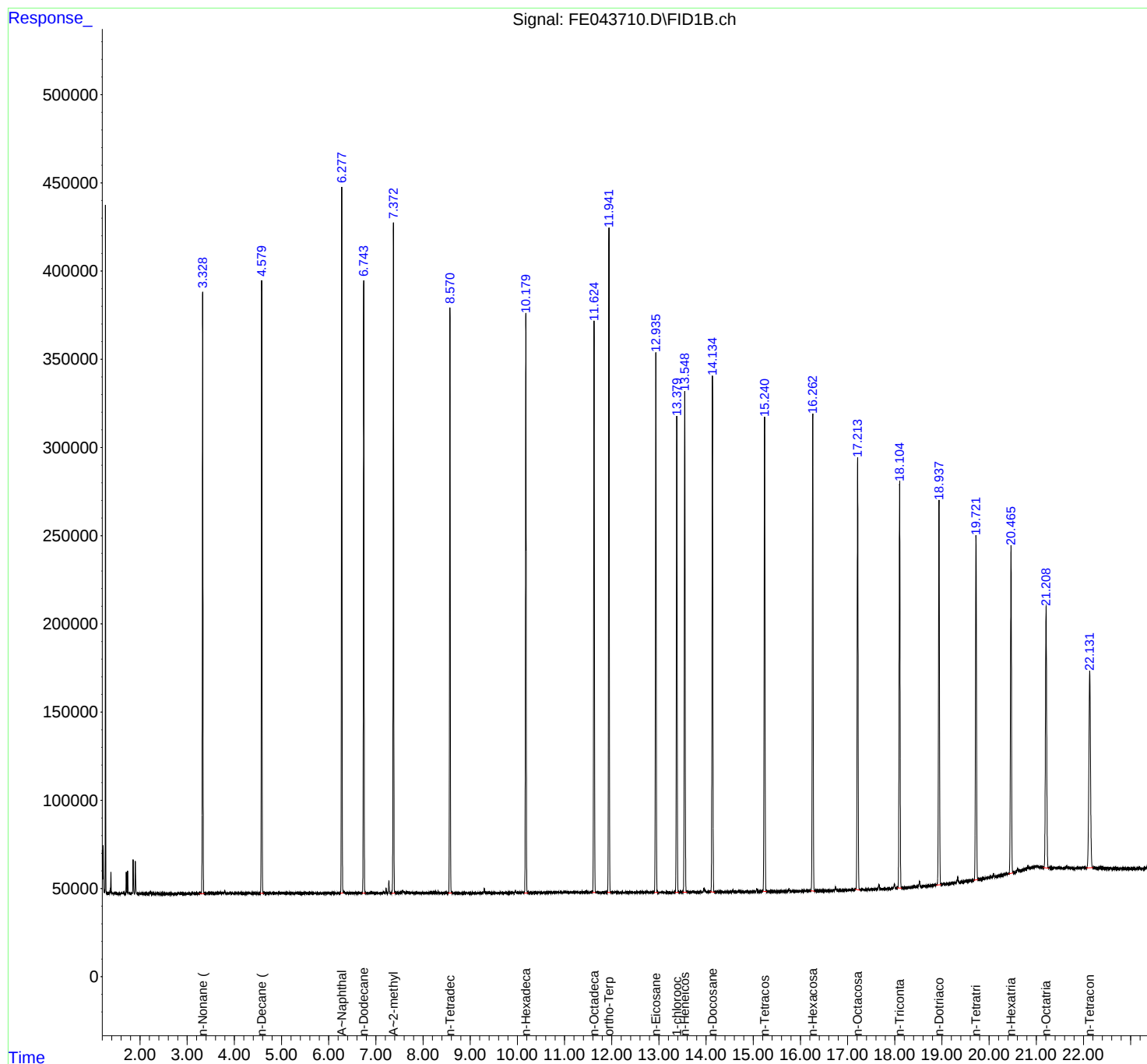
(m)=manual int.

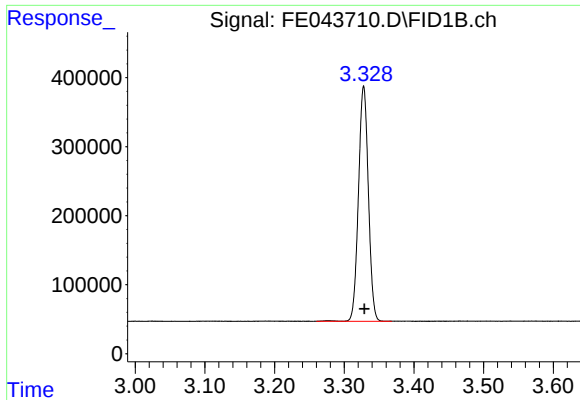
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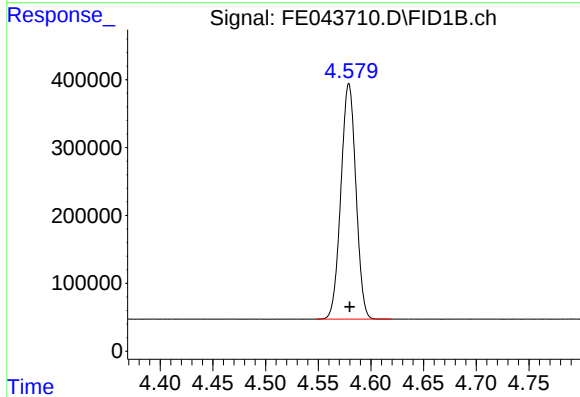




#1 n-Nonane (C9)

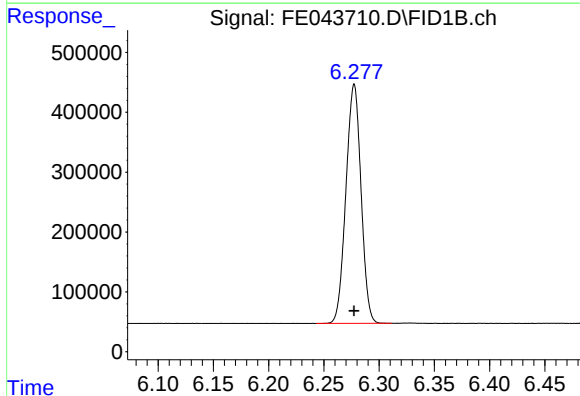
R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 3363012
Conc: 20.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



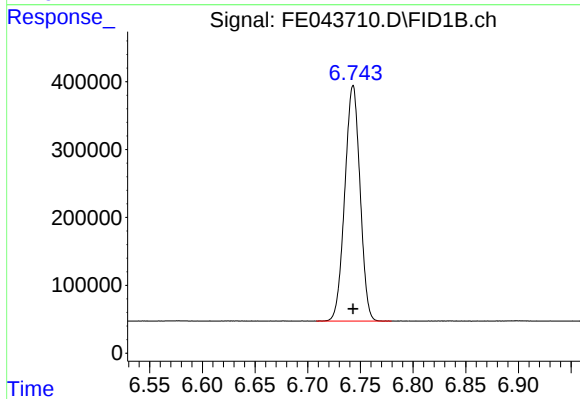
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 3446660
Conc: 20.91 ug/ml



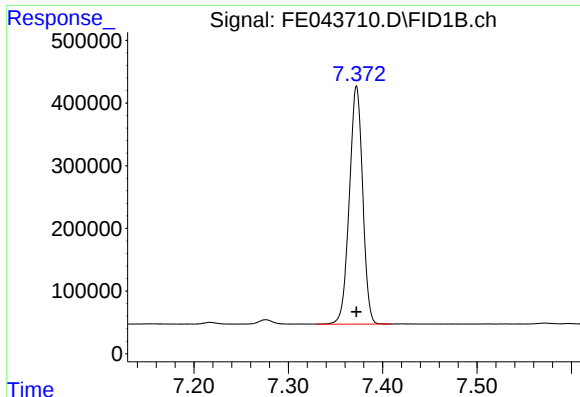
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3803517
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

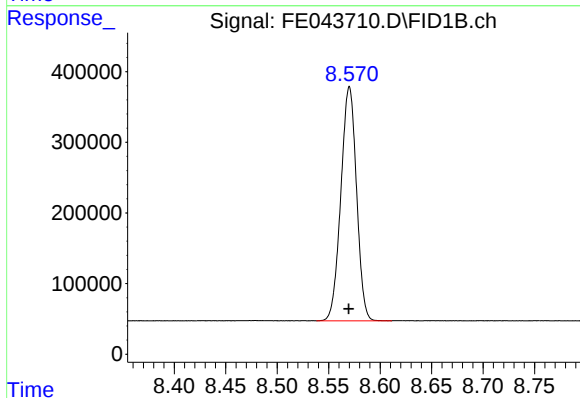
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3495664
Conc: 20.89 ug/ml



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

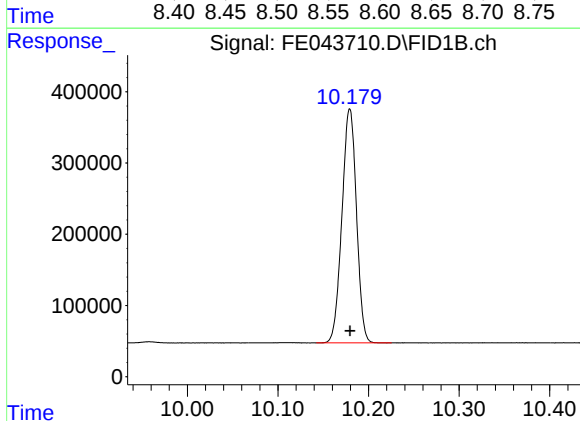
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3724702
Conc: 20.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



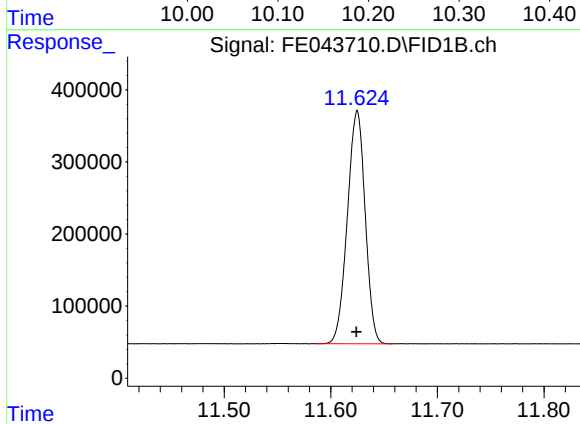
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3507066
Conc: 20.82 ug/ml



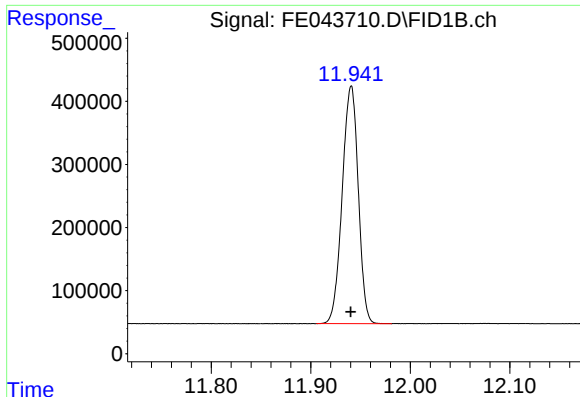
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 3665913
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

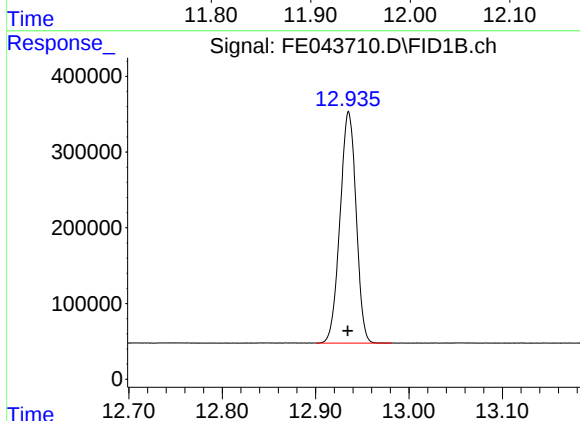
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 3756312
Conc: 20.74 ug/ml



#9 ortho-Terphenyl (SURR)

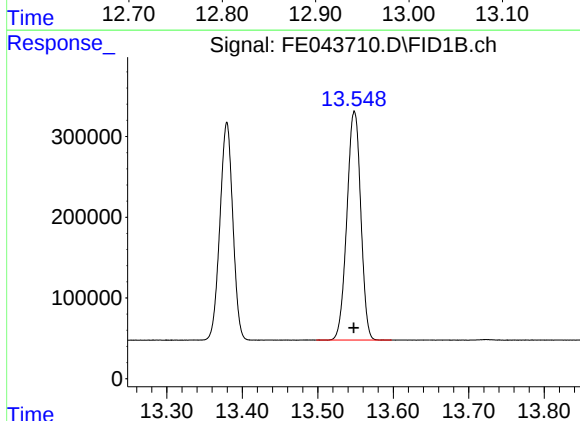
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 4222941
Conc: 20.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



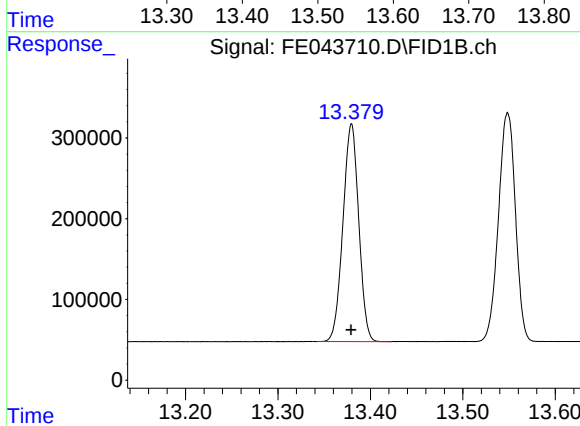
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: 0.001 min
Response: 3654351
Conc: 20.65 ug/ml



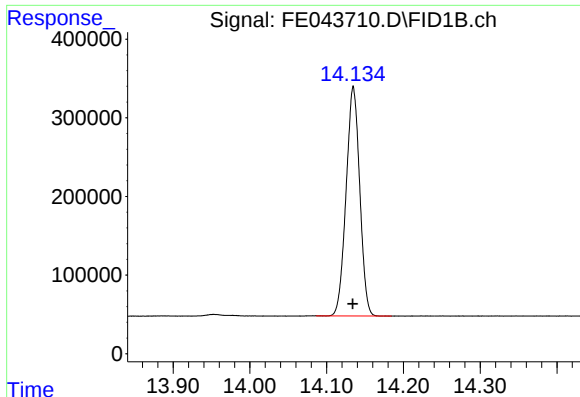
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 3618999
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

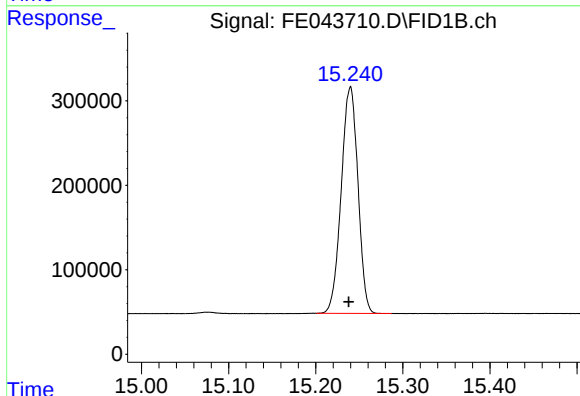
R.T.: 13.380 min
Delta R.T.: 0.000 min
Response: 3204308
Conc: 20.53 ug/ml



#13 n-Docosane (C22)

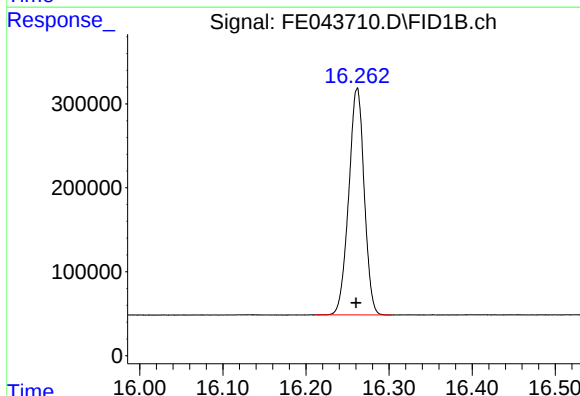
R.T.: 14.135 min
Delta R.T.: 0.000 min
Response: 3596499
Conc: 20.50 ug/ml

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20 PPM ALIPHATIC HC STD



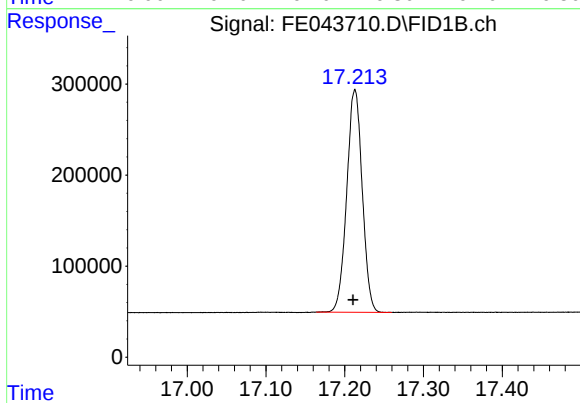
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: 0.002 min
Response: 3579326
Conc: 20.37 ug/ml



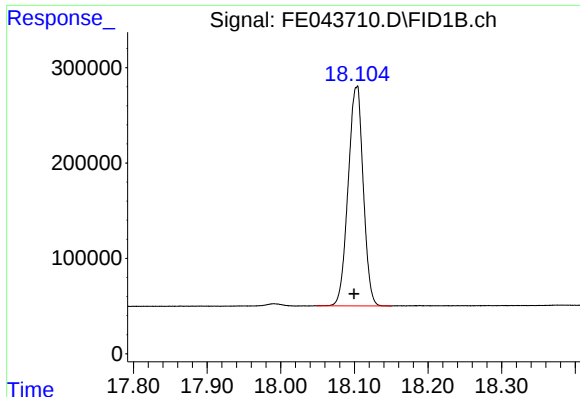
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.001 min
Response: 3492486
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

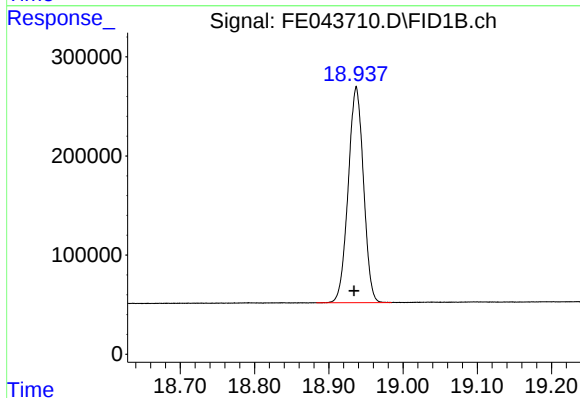
R.T.: 17.213 min
Delta R.T.: 0.002 min
Response: 3341495
Conc: 19.97 ug/ml



#17 n-Tricontane (C30)

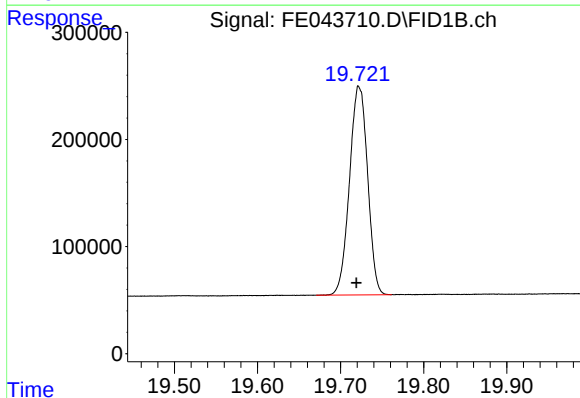
R.T.: 18.103 min
Delta R.T.: 0.004 min
Response: 3278574
Conc: 19.79 ug/ml

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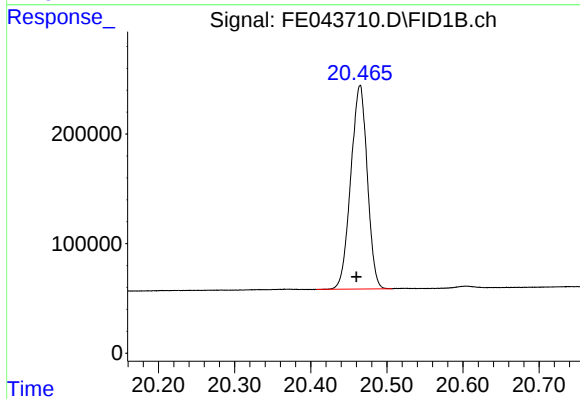
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.003 min
Response: 3113968
Conc: 19.72 ug/ml



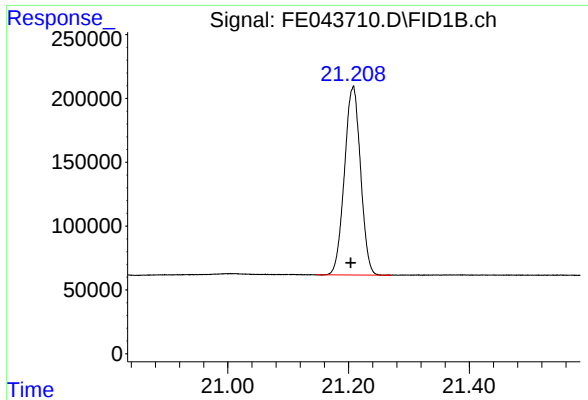
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.003 min
Response: 2951951
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

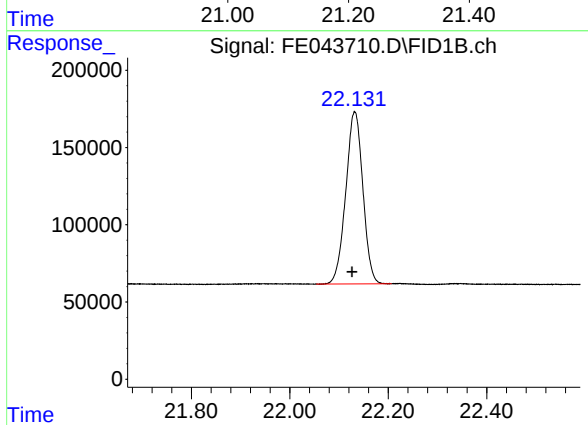
R.T.: 20.465 min
Delta R.T.: 0.005 min
Response: 2799943
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.004 min
Response: 2734511
Conc: 20.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: 0.005 min
Response: 2686298
Conc: 20.82 ug/ml