

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049588.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 09:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 14 10:20:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 10:20:05 2024
 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)	11.888	3342049	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.323	2536315	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.279	3212633	20.000 ug/ml
2) T n-Decane (C10)	4.529	3278876	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.235	3358272	20.000 ug/ml
4) T n-Dodecane (C12)	6.696	3252403	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.331	3134816	20.000 ug/ml
6) T n-Tetradecane (C14)	8.523	3181008	20.000 ug/ml
7) T n-Hexadecane (C16)	10.129	3218450	20.000 ug/ml
8) T n-Octadecane (C18)	11.571	3249738	20.000 ug/ml
10) T n-Eicosane (C20)	12.879	3076800	20.000 ug/ml
11) T n-Heneicosane (C21)	13.490	3036911	20.000 ug/ml
13) T n-Docosane (C22)	14.075	3008915	20.000 ug/ml
14) T n-Tetracosane (C24)	15.177	2998245	20.000 ug/ml
15) T n-Hexacosane (C26)	16.197	2977845	20.000 ug/ml
16) T n-Octacosane (C28)	17.145	2976844	20.000 ug/ml
17) T n-Tricontane (C30)	18.031	3100873	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.862	3109950	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.644	3135891	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.384	3142135	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.112	3258093	20.000 ug/ml
22) T n-Tetracontane (C40)	22.007	3216127	20.000 ug/ml

(f)=RT Delta > 1/2 Window

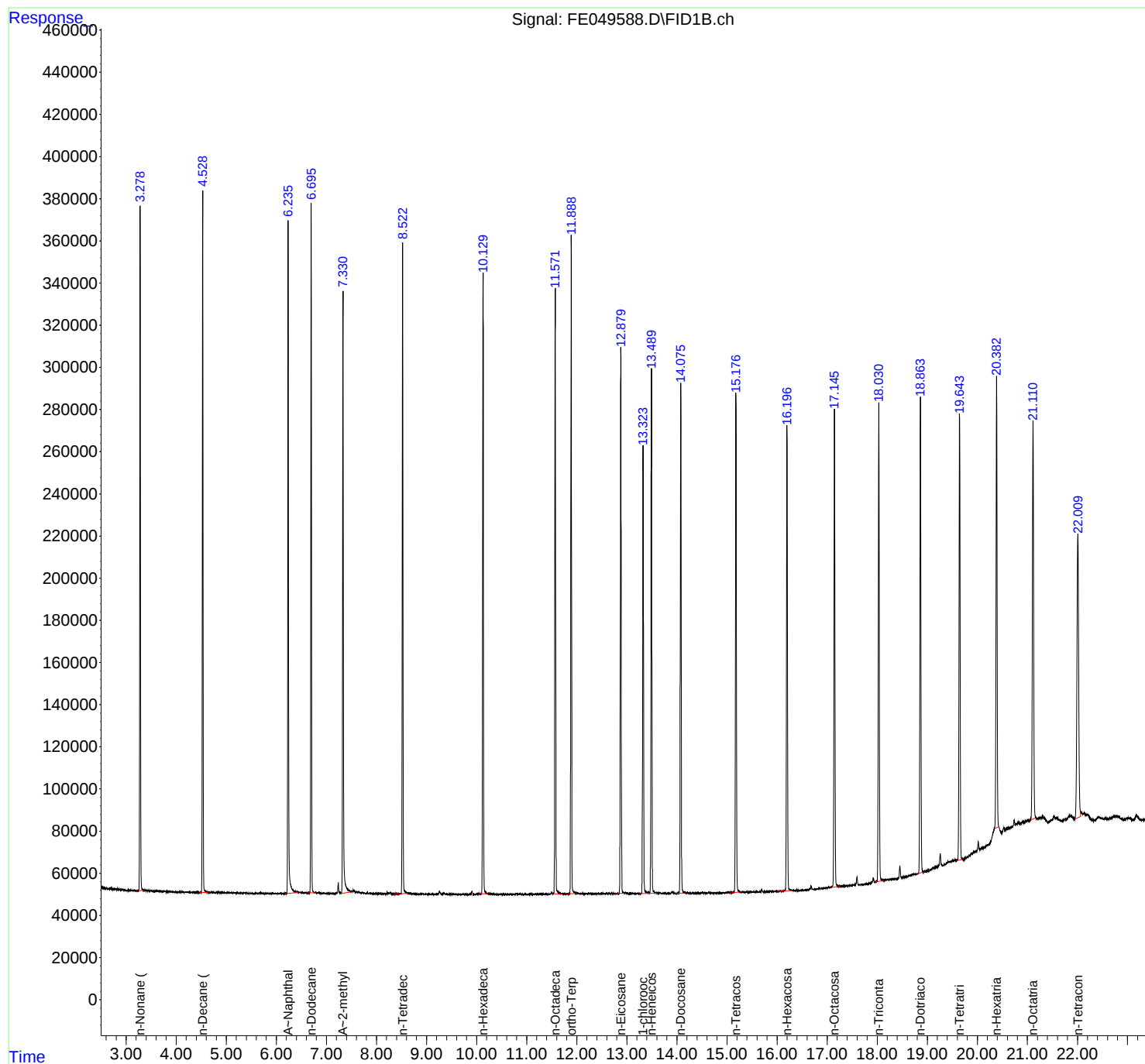
(m)=manual int.

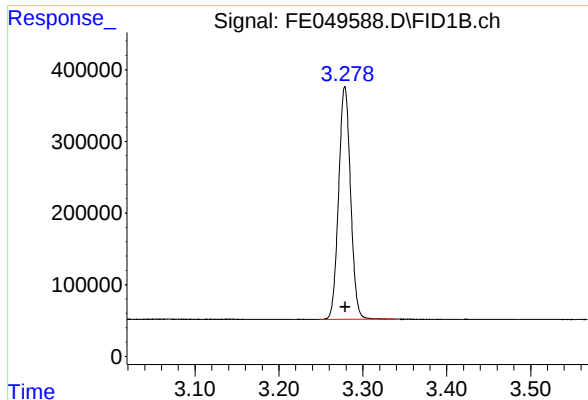
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
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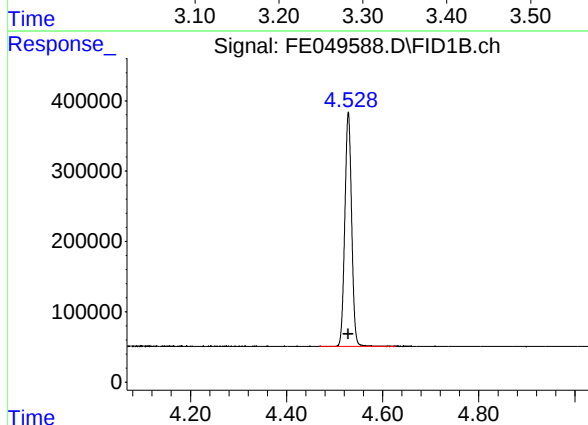




#1 n-Nonane (C9)

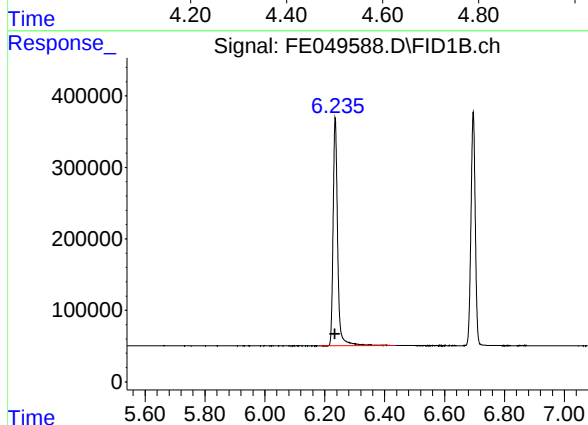
R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 3212633
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



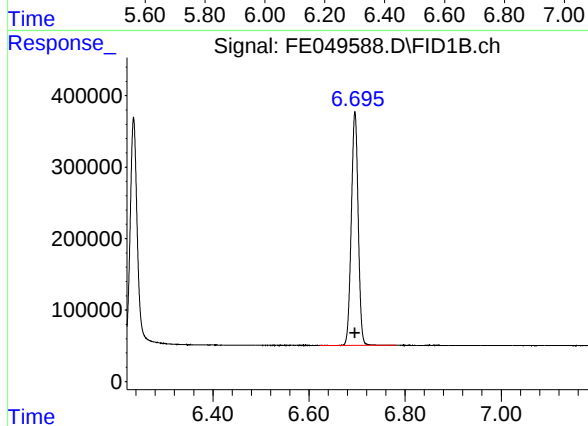
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 3278876
Conc: 20.00 ug/ml



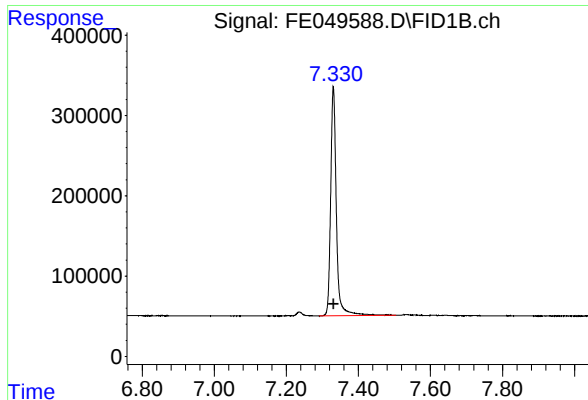
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 3358272
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

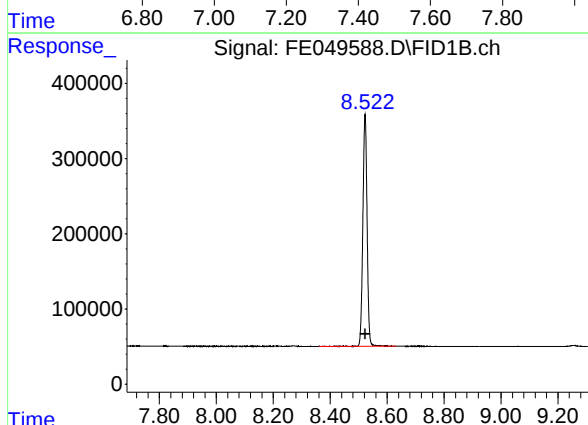
R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 3252403
Conc: 20.00 ug/ml



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

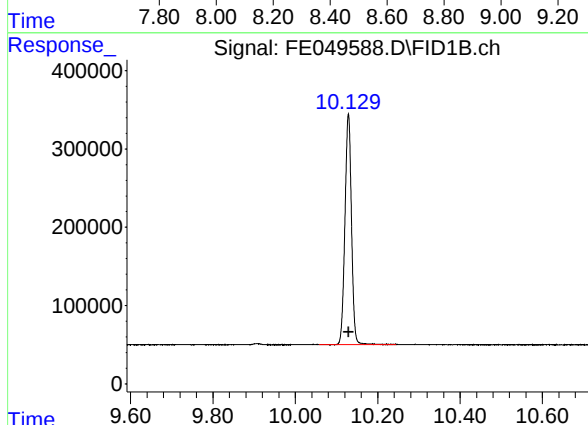
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 3134816
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



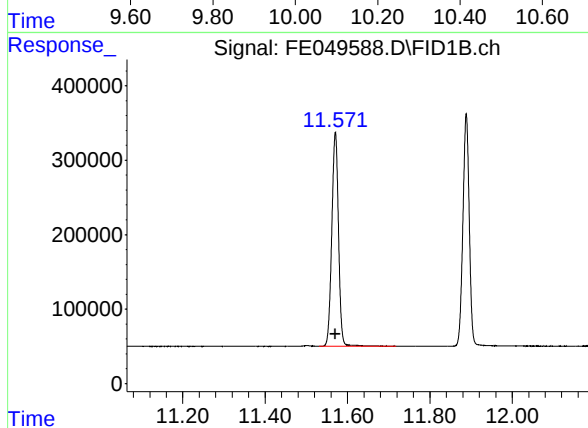
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 3181008
Conc: 20.00 ug/ml



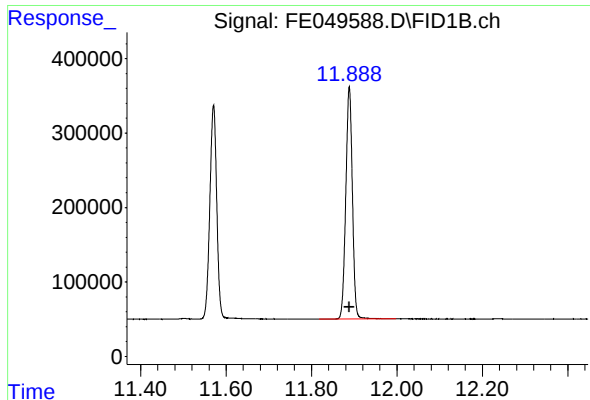
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: 0.000 min
Response: 3218450
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

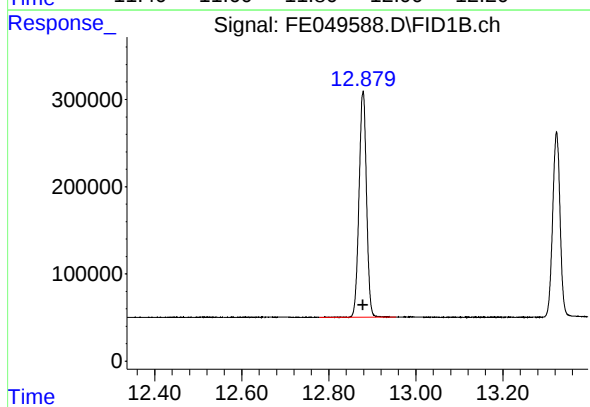
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 3249738
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

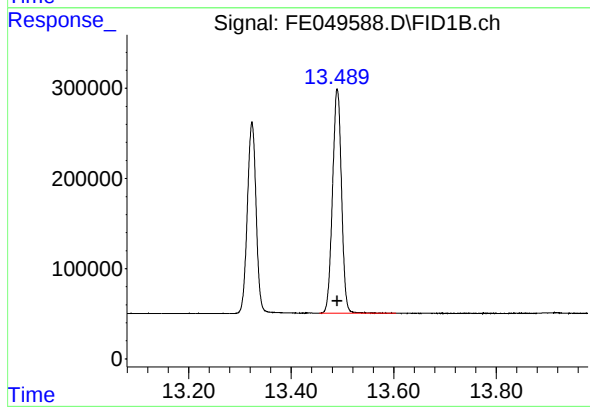
R.T.: 11.888 min
Delta R.T.: 0.000 min
Response: 3342049
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



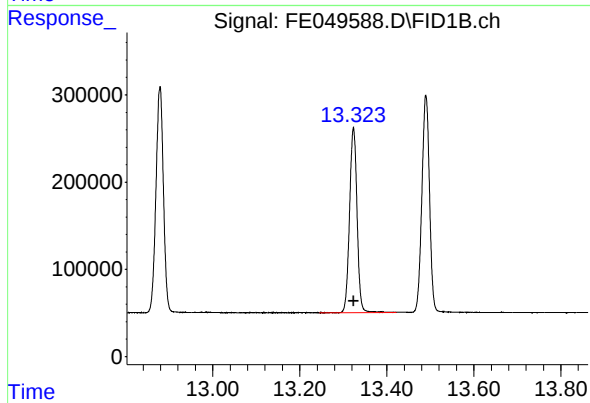
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 3076800
Conc: 20.00 ug/ml



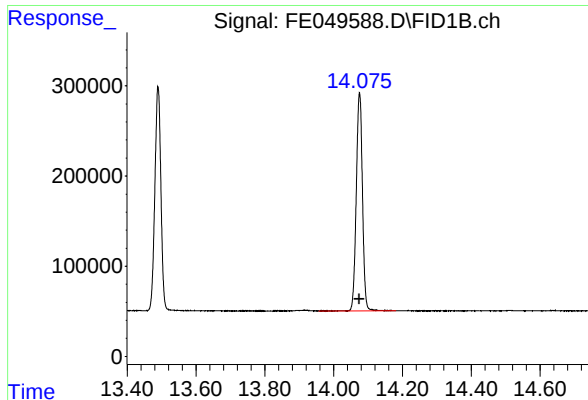
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 3036911
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

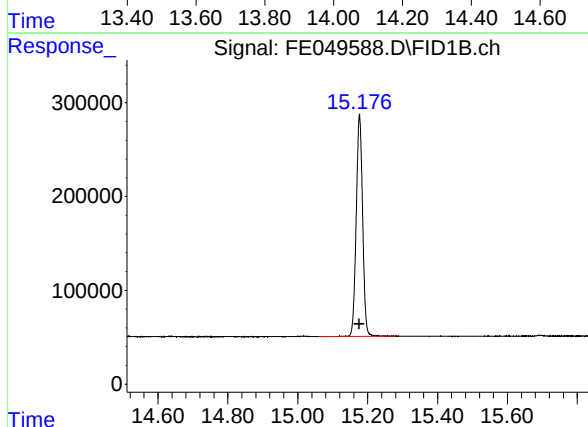
R.T.: 13.323 min
Delta R.T.: 0.000 min
Response: 2536315
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

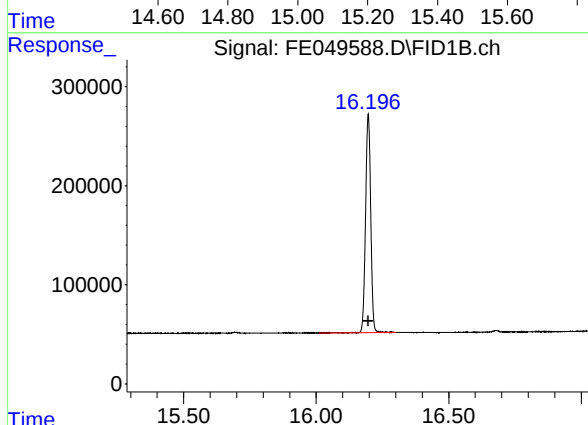
R.T.: 14.075 min
Delta R.T.: 0.000 min
Response: 3008915
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



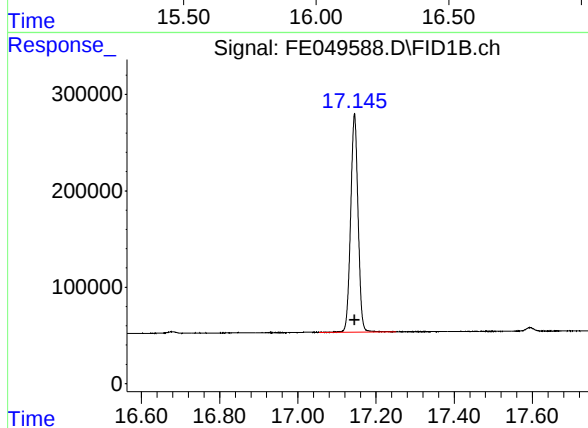
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: 0.000 min
Response: 2998245
Conc: 20.00 ug/ml



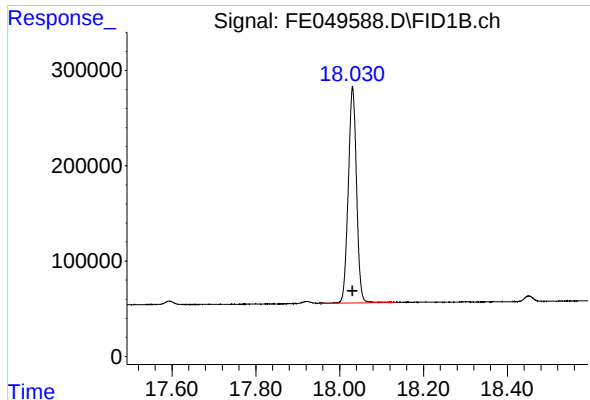
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 2977845
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

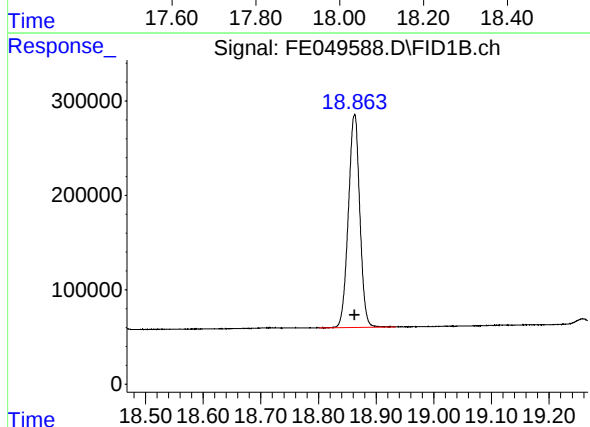
R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 2976844
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

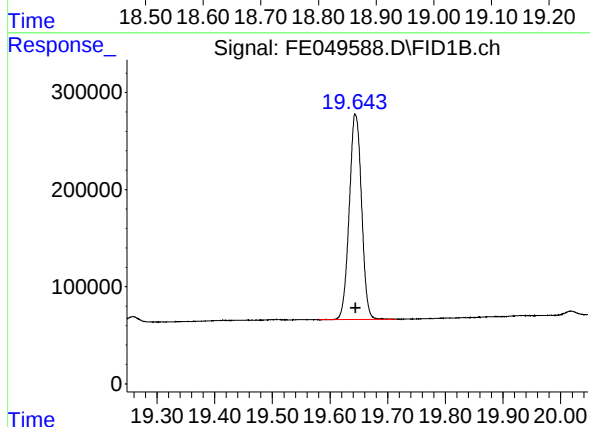
R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 3100873
Conc: 20.00 ug/ml

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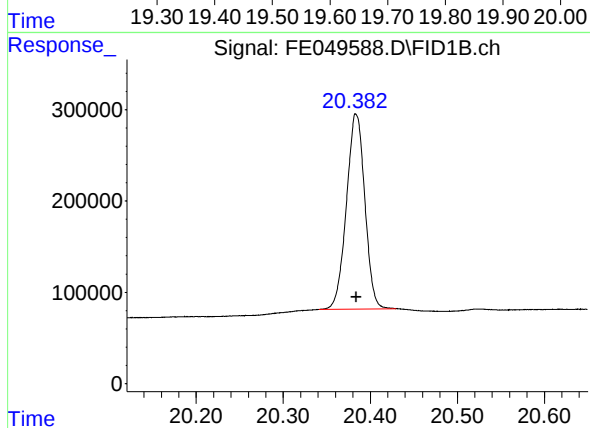
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 3109950
Conc: 20.00 ug/ml



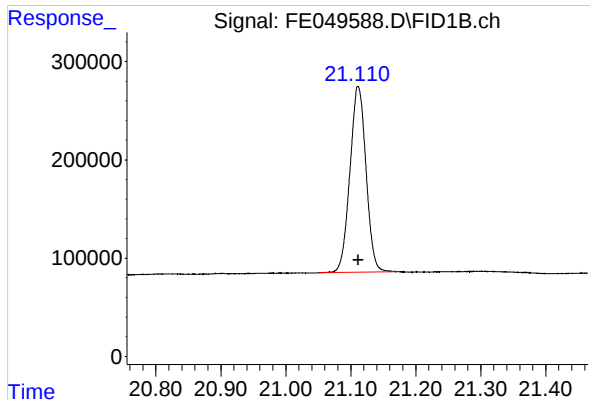
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 3135891
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

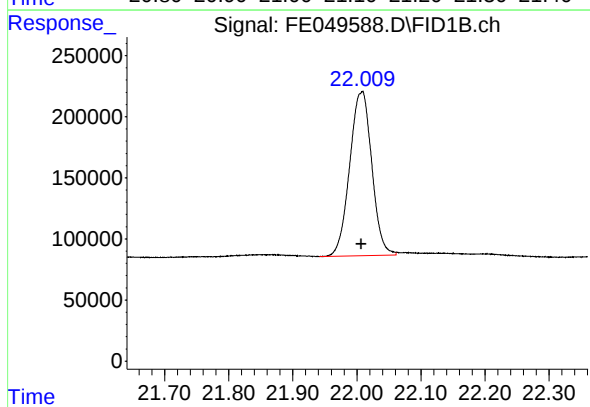
R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 3142135
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 3258093
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.000 min
Response: 3216127
Conc: 20.00 ug/ml