

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049589.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 10:06
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 14 10:30:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 10:23:52 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)	11.887	1638082	10.343 ug/ml
Spiked Amount 50.000		Recovery =	20.69%
12) S 1-chlorooctadecane (S...	13.322	1228310	10.158 ug/ml
Spiked Amount 50.000		Recovery =	20.32%
Target Compounds			
1) T n-Nonane (C9)	3.278	1580097	10.486 ug/ml
2) T n-Decane (C10)	4.528	1609205	10.424 ug/ml
3) T A~Naphthalene (C11.7)	6.235	1605896	10.006 ug/ml
4) T n-Dodecane (C12)	6.695	1592549	10.320 ug/ml
5) T A~2-methylnaphthalene...	7.330	1493485	9.878 ug/ml
6) T n-Tetradecane (C14)	8.522	1559985	10.314 ug/ml
7) T n-Hexadecane (C16)	10.128	1580118	10.295 ug/ml
8) T n-Octadecane (C18)	11.569	1594670	10.366 ug/ml
10) T n-Eicosane (C20)	12.877	1507989	10.314 ug/ml
11) T n-Heneicosane (C21)	13.488	1487863	10.337 ug/ml
13) T n-Docosane (C22)	14.074	1473709	10.329 ug/ml
14) T n-Tetracosane (C24)	15.175	1468082	10.328 ug/ml
15) T n-Hexacosane (C26)	16.195	1460503	10.353 ug/ml
16) T n-Octacosane (C28)	17.144	1452399	10.348 ug/ml
17) T n-Tricontane (C30)	18.031	1512770	10.437 ug/ml
18) T n-Dotriacontane (C32)	18.861	1533313	10.524 ug/ml
19) T n-Tetratriacontane (C34)	19.644	1545343	10.446 ug/ml
20) T n-Hexatriacontane (C36)	20.383	1520140	10.230 ug/ml
21) T n-Octatriacontane (C38)	21.110	1564847	10.206 ug/ml
22) T n-Tetracontane (C40)	22.005	1535058	10.126 ug/ml

(f)=RT Delta > 1/2 Window

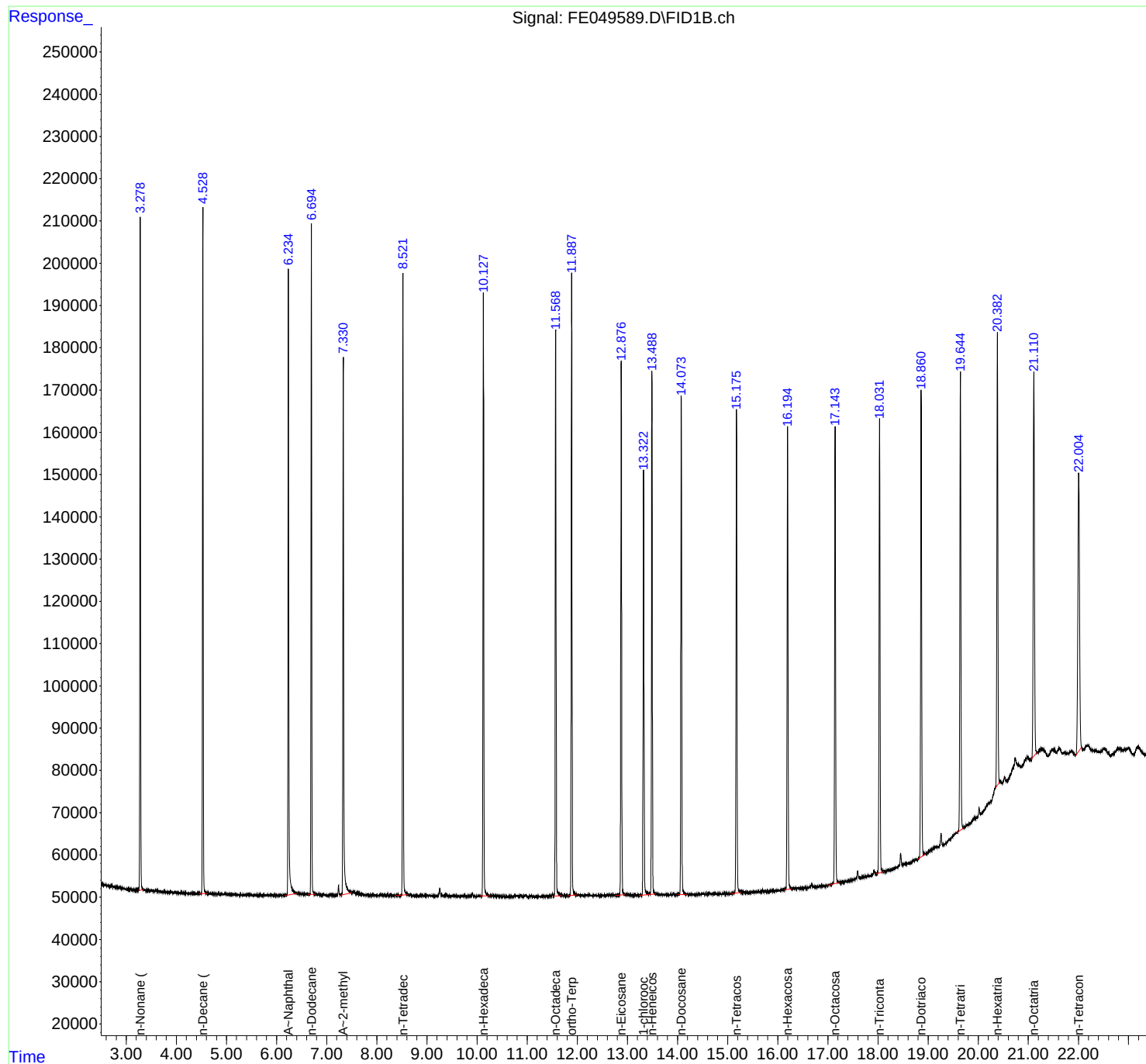
(m)=manual int.

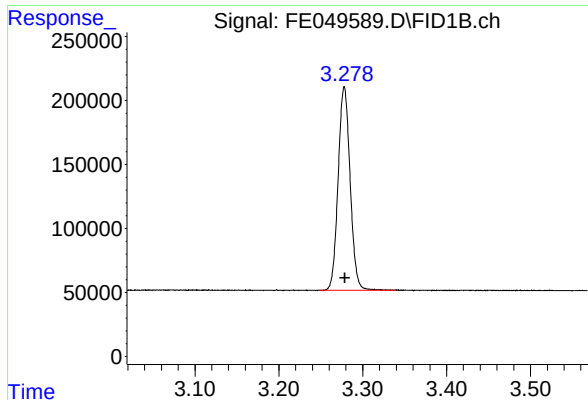
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
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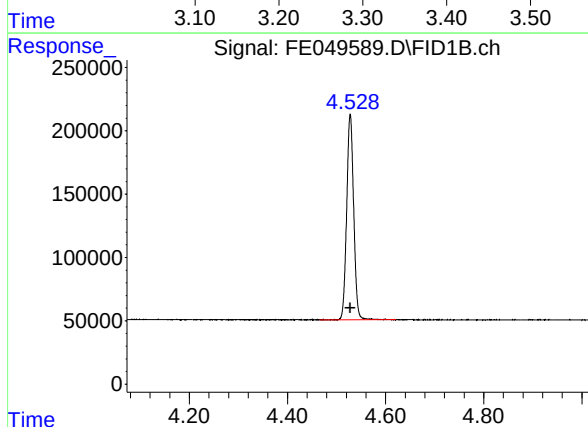




#1 n-Nonane (C9)

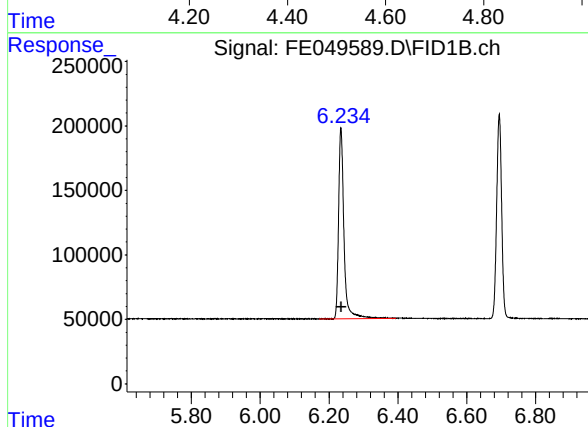
R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 1580097
Conc: 10.49 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



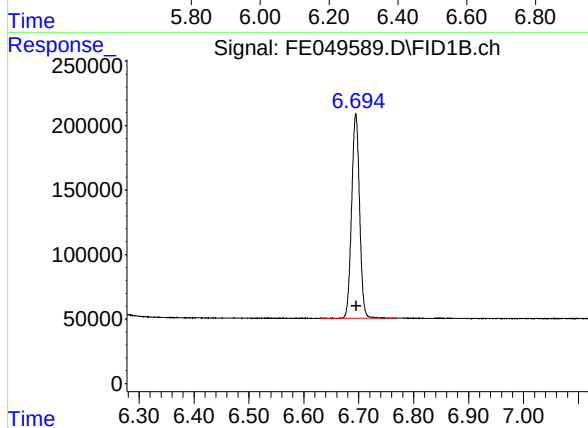
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 1609205
Conc: 10.42 ug/ml



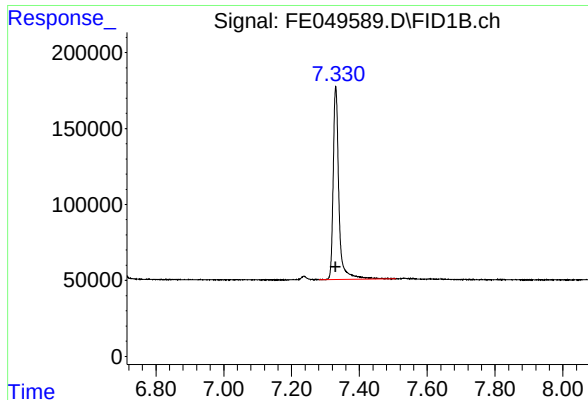
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 1605896
Conc: 10.01 ug/ml



#4 n-Dodecane (C12)

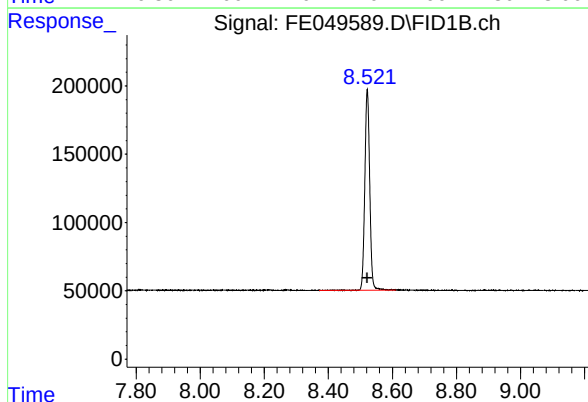
R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 1592549
Conc: 10.32 ug/ml



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

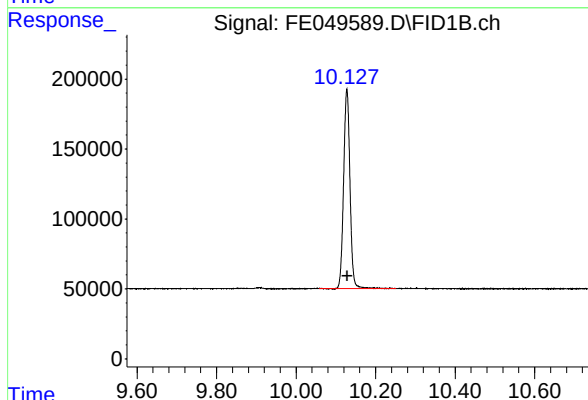
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 1493485
Conc: 9.88 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



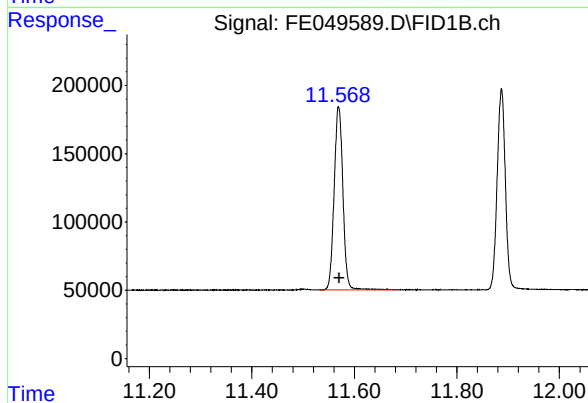
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 1559985
Conc: 10.31 ug/ml



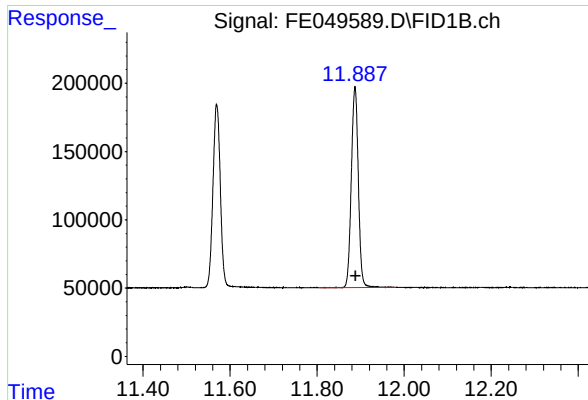
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.001 min
Response: 1580118
Conc: 10.29 ug/ml



#8 n-Octadecane (C18)

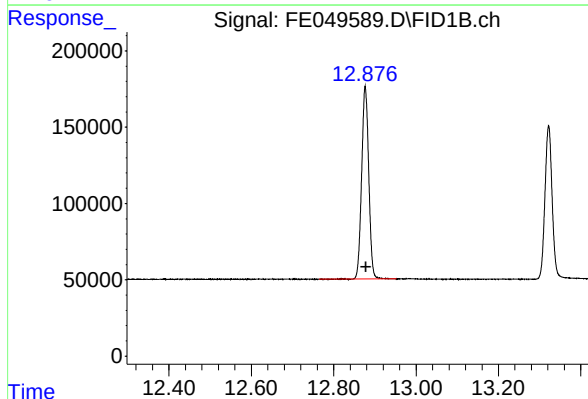
R.T.: 11.569 min
Delta R.T.: -0.001 min
Response: 1594670
Conc: 10.37 ug/ml



#9 ortho-Terphenyl (SURR)

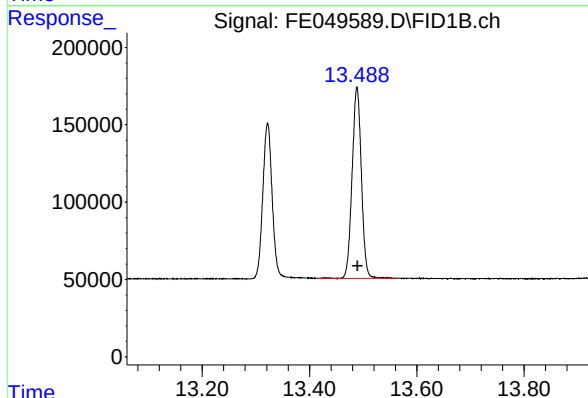
R.T.: 11.887 min
Delta R.T.: -0.001 min
Response: 1638082
Conc: 10.34 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



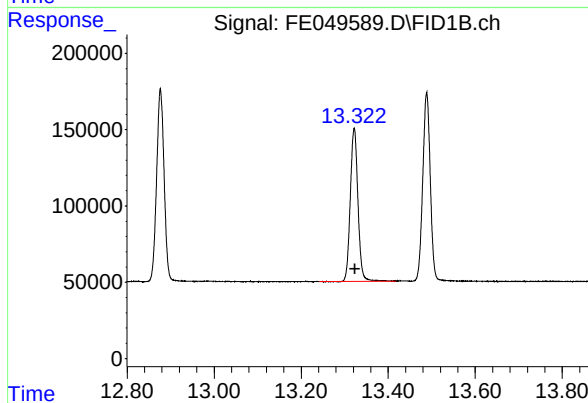
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.002 min
Response: 1507989
Conc: 10.31 ug/ml



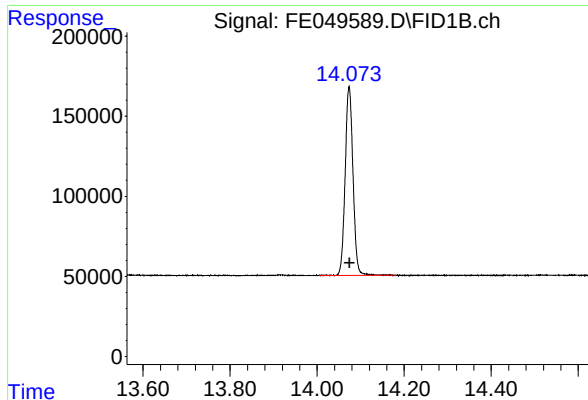
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.002 min
Response: 1487863
Conc: 10.34 ug/ml



#12 1-chlorooctadecane (SURR)

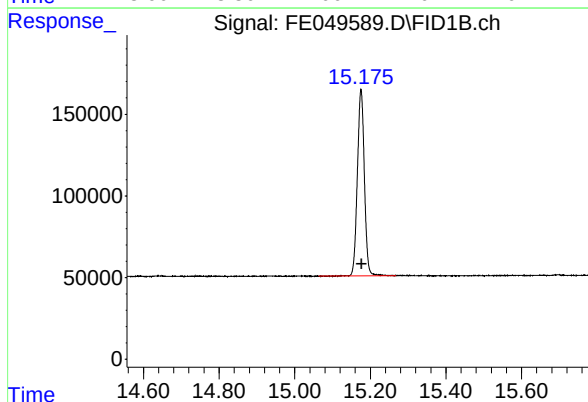
R.T.: 13.322 min
Delta R.T.: -0.002 min
Response: 1228310
Conc: 10.16 ug/ml



#13 n-Docosane (C22)

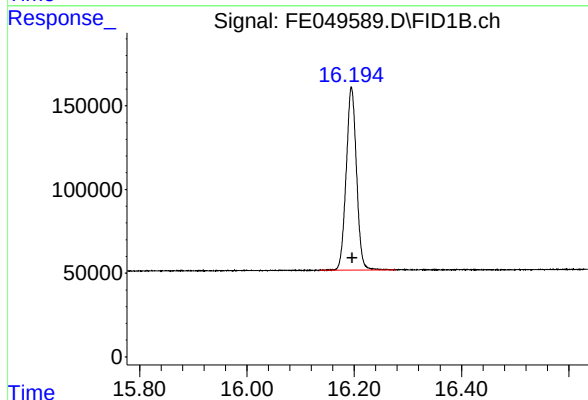
R.T.: 14.074 min
Delta R.T.: -0.002 min
Response: 1473709
Conc: 10.33 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



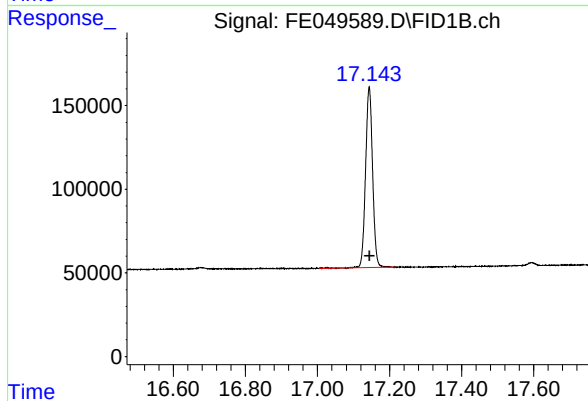
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.001 min
Response: 1468082
Conc: 10.33 ug/ml



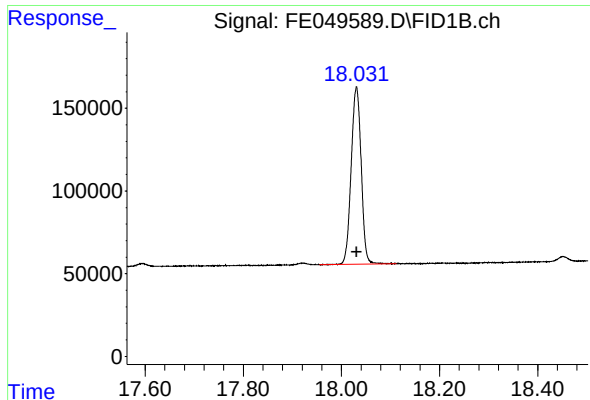
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 1460503
Conc: 10.35 ug/ml



#16 n-Octacosane (C28)

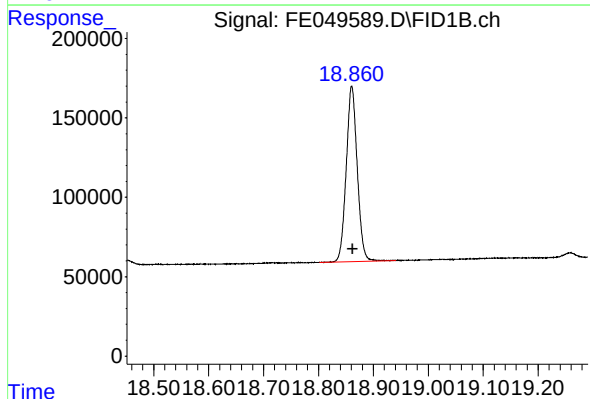
R.T.: 17.144 min
Delta R.T.: -0.001 min
Response: 1452399
Conc: 10.35 ug/ml



#17 n-Tricontane (C30)

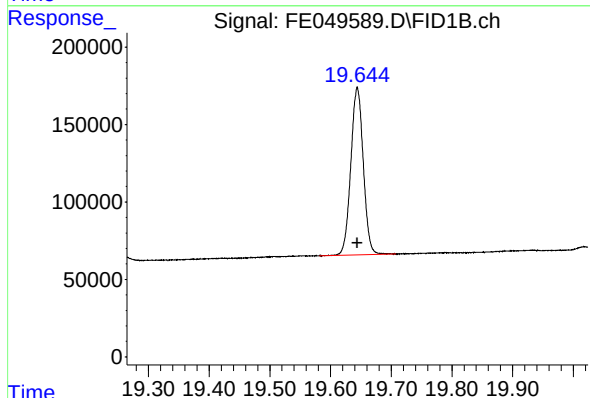
R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 1512770
Conc: 10.44 ug/ml

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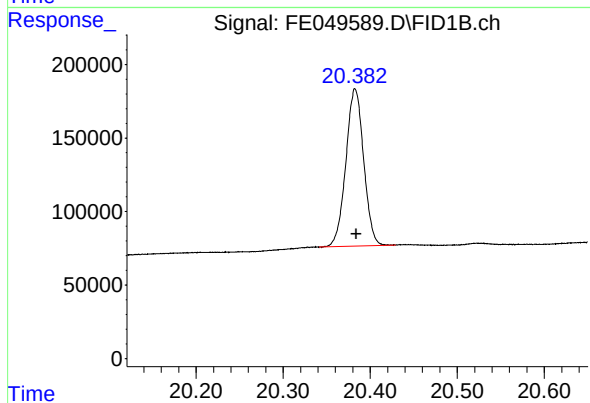
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: -0.002 min
Response: 1533313
Conc: 10.52 ug/ml



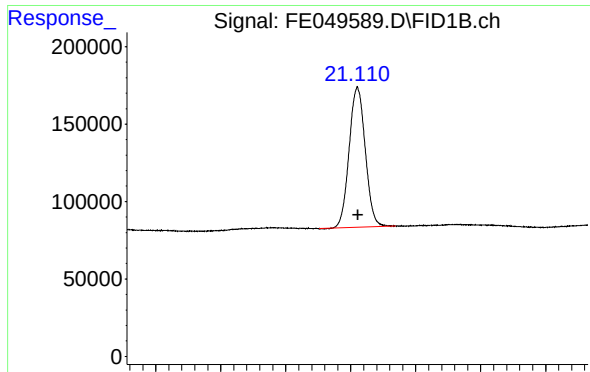
#19 n-Tetatriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 1545343
Conc: 10.45 ug/ml



#20 n-Hexatriacontane (C36)

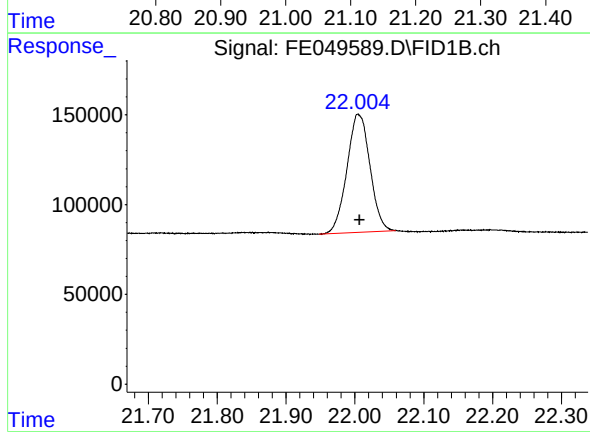
R.T.: 20.383 min
Delta R.T.: -0.001 min
Response: 1520140
Conc: 10.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.001 min
Response: 1564847
Conc: 10.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.002 min
Response: 1535058
Conc: 10.13 ug/ml