

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082624AL\
 Data File : FE049755.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2024 13:09
 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 27 01:21:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.885	2838004	17.550 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
12) S 1-chlorooctadecane (S...	13.320	2156688	17.677 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
Target Compounds			
1) T n-Nonane (C9)	3.274	2457880	15.883 ug/ml
2) T n-Decane (C10)	4.524	2658890	16.840 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2706799	16.870 ug/ml
4) T n-Dodecane (C12)	6.691	2691762	17.122 ug/ml
5) T A~2-methylnaphthalene...	7.328	2581449	17.238 ug/ml
6) T n-Tetradecane (C14)	8.518	2655525	17.201 ug/ml
7) T n-Hexadecane (C16)	10.125	2715716	17.388 ug/ml
8) T n-Octadecane (C18)	11.567	2744941	17.478 ug/ml
10) T n-Eicosane (C20)	12.874	2626072	17.588 ug/ml
11) T n-Heneicosane (C21)	13.486	2578344	17.576 ug/ml
13) T n-Docosane (C22)	14.072	2549537	17.492 ug/ml
14) T n-Tetracosane (C24)	15.174	2569472	17.664 ug/ml
15) T n-Hexacosane (C26)	16.193	2548147	17.656 ug/ml
16) T n-Octacosane (C28)	17.142	2648918	18.390 ug/ml
17) T n-Tricontane (C30)	18.029	2929509	19.569 ug/ml
18) T n-Dotriacontane (C32)	18.860	3090391	20.428 ug/ml
19) T n-Tetratriacontane (C34)	19.644	3141789	20.551 ug/ml
20) T n-Hexatriacontane (C36)	20.383	2958589	19.483 ug/ml
21) T n-Octatriacontane (C38)	21.112	2760172	17.586 ug/ml
22) T n-Tetracontane (C40)	22.005	2719590	17.812 ug/ml

(f)=RT Delta > 1/2 Window

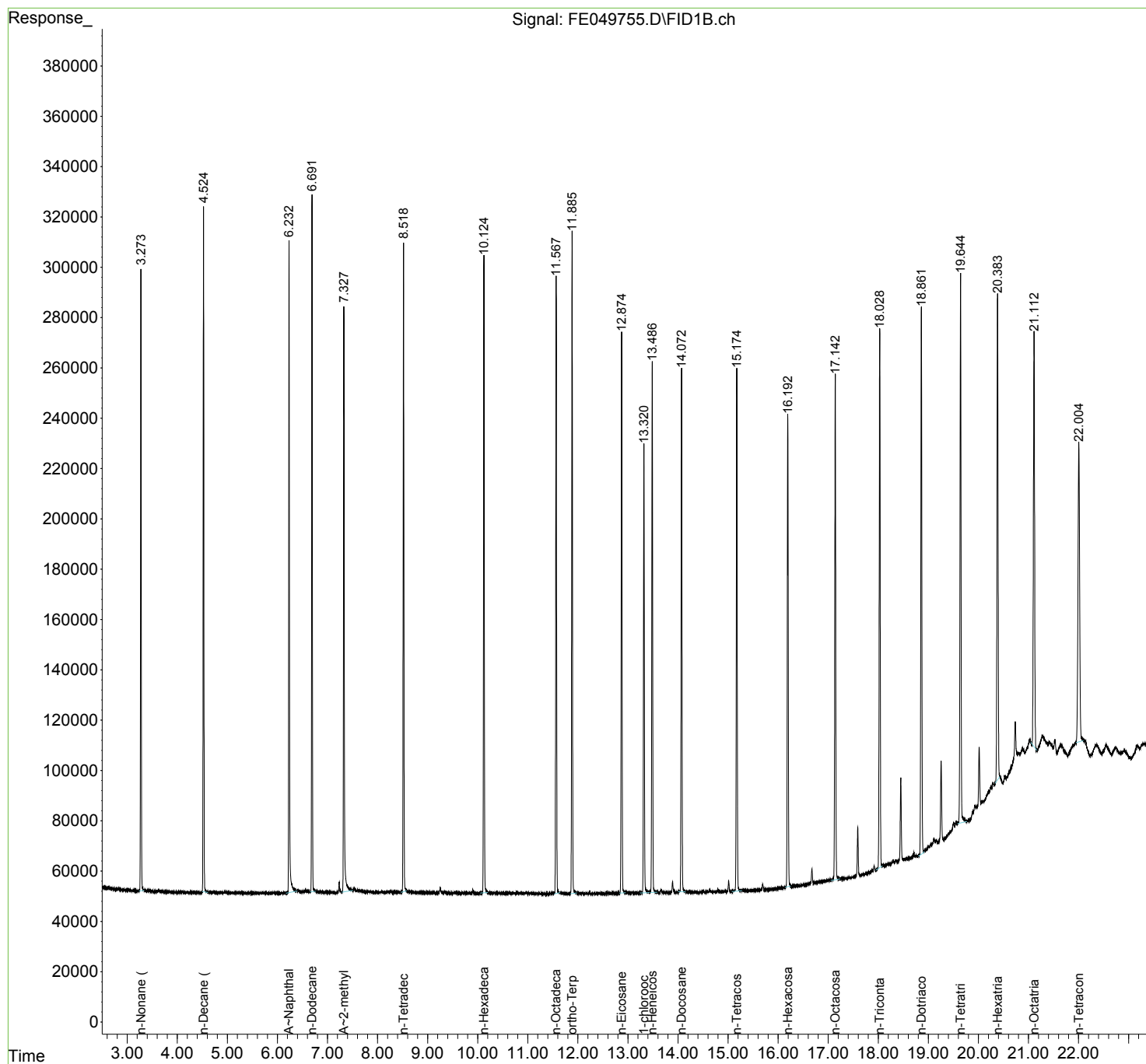
(m)=manual int.

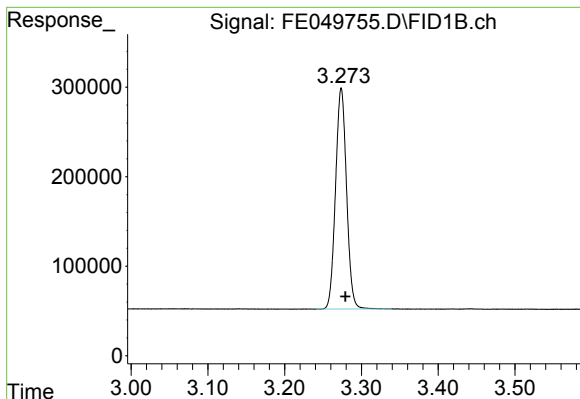
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082624AL\
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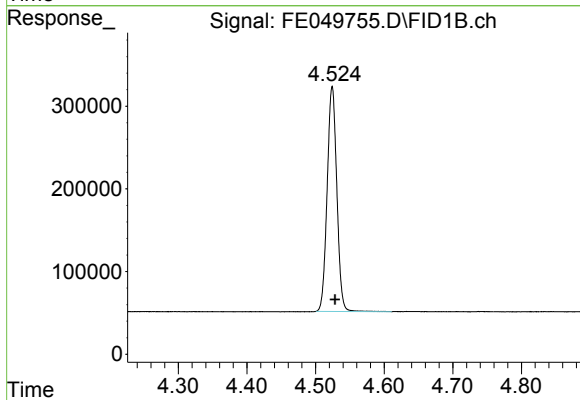




#1 n-Nonane (C9)

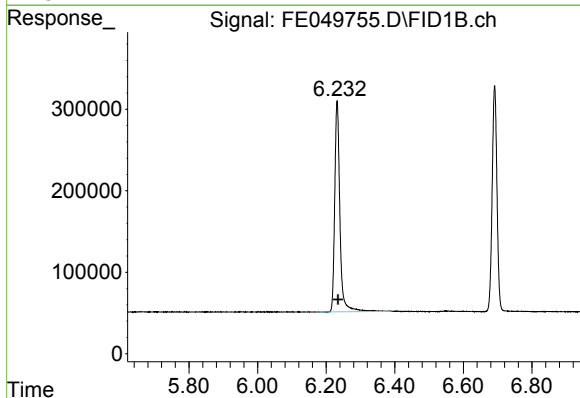
R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 2457880
Conc: 15.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



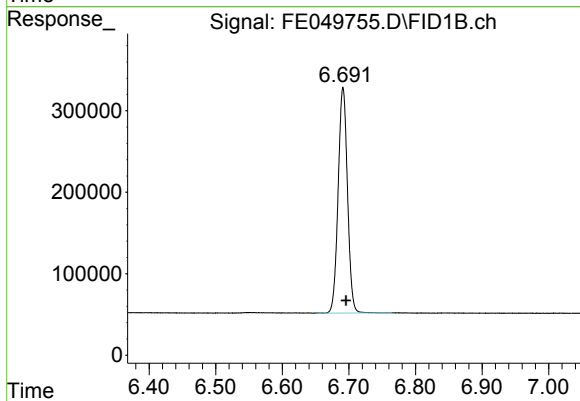
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 2658890
Conc: 16.84 ug/ml



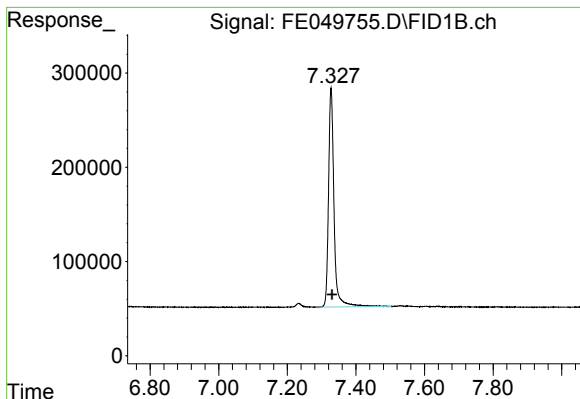
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 2706799
Conc: 16.87 ug/ml



#4 n-Dodecane (C12)

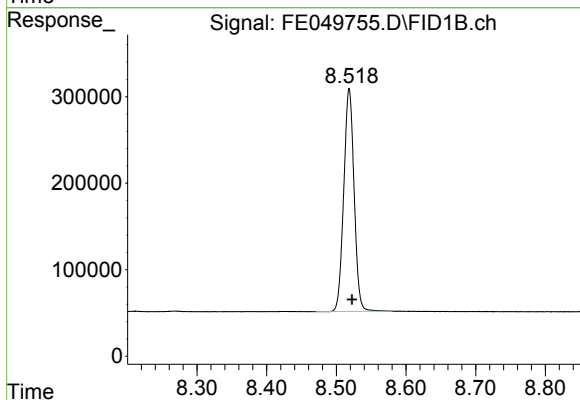
R.T.: 6.691 min
Delta R.T.: -0.005 min
Response: 2691762
Conc: 17.12 ug/ml



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

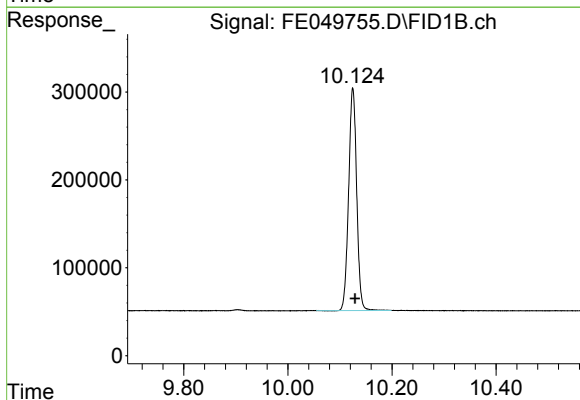
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 2581449
Conc: 17.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



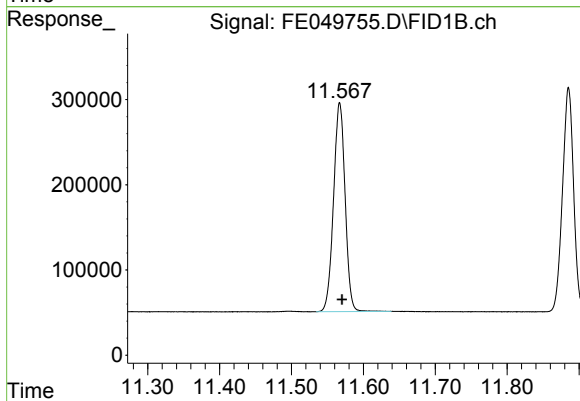
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.004 min
Response: 2655525
Conc: 17.20 ug/ml



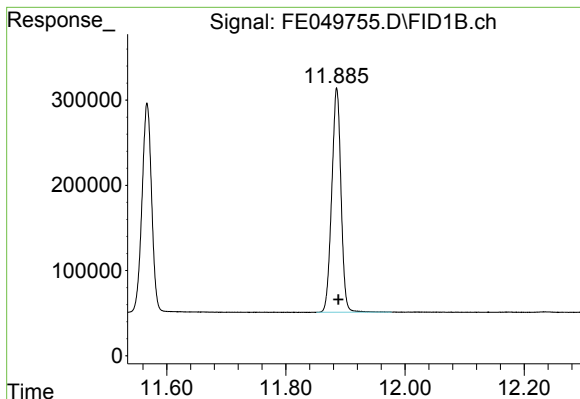
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 2715716
Conc: 17.39 ug/ml



#8 n-Octadecane (C18)

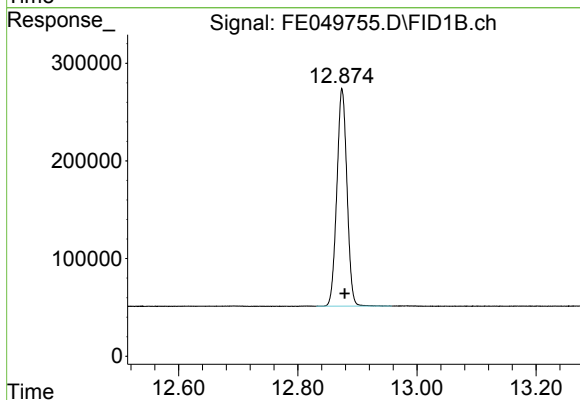
R.T.: 11.567 min
Delta R.T.: -0.003 min
Response: 2744941
Conc: 17.48 ug/ml



#9 ortho-Terphenyl (SURR)

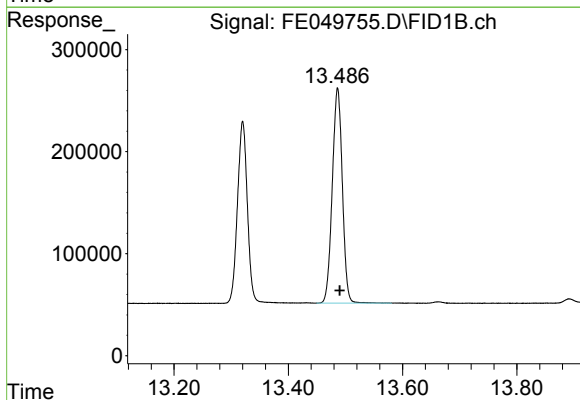
R.T.: 11.885 min
Delta R.T.: -0.003 min
Response: 2838004
Conc: 17.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



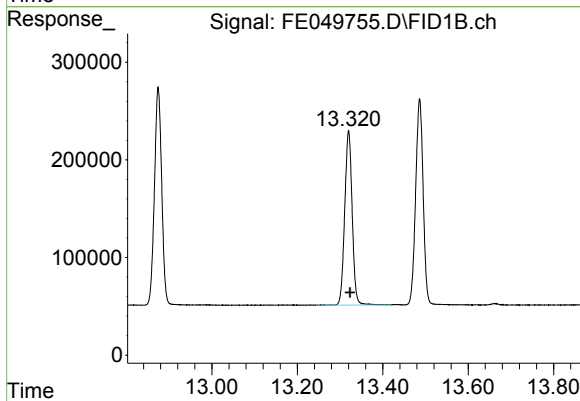
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.004 min
Response: 2626072
Conc: 17.59 ug/ml



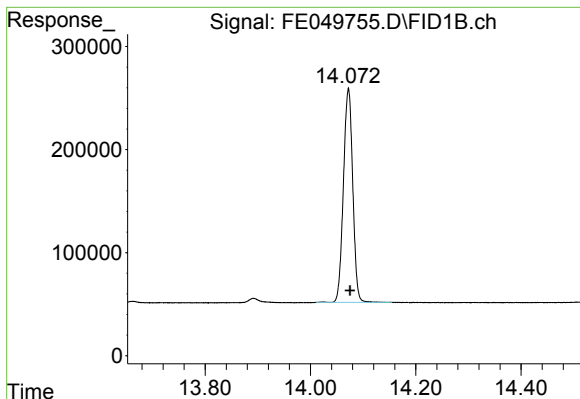
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.004 min
Response: 2578344
Conc: 17.58 ug/ml



#12 1-chlorooctadecane (SURR)

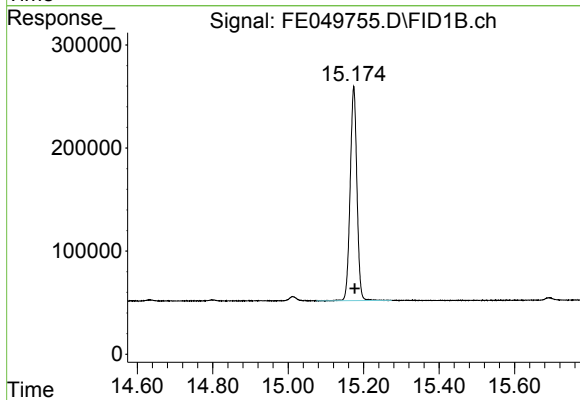
R.T.: 13.320 min
Delta R.T.: -0.003 min
Response: 2156688
Conc: 17.68 ug/ml



#13 n-Docosane (C22)

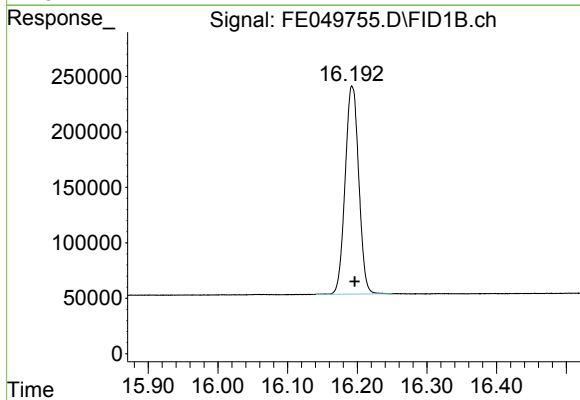
R.T.: 14.072 min
Delta R.T.: -0.003 min
Response: 2549537
Conc: 17.49 ug/ml

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20 PPM ALIPHATIC HC STD



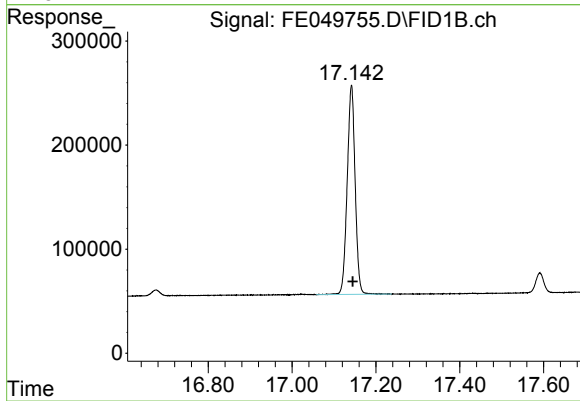
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: -0.003 min
Response: 2569472
Conc: 17.66 ug/ml



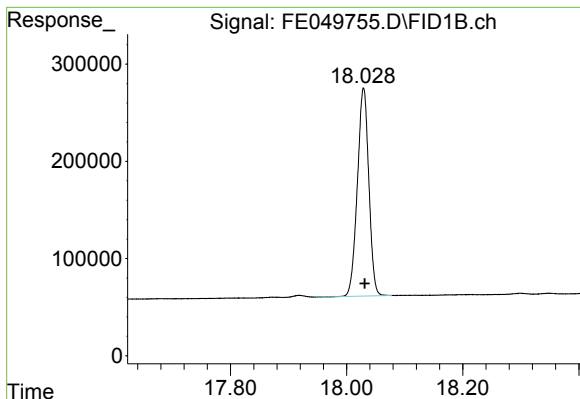
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.004 min
Response: 2548147
Conc: 17.66 ug/ml



#16 n-Octacosane (C28)

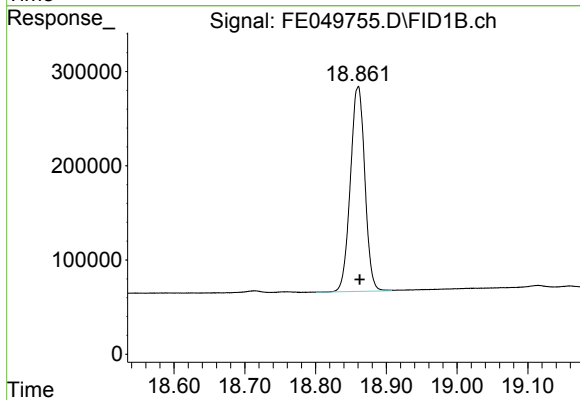
R.T.: 17.142 min
Delta R.T.: -0.003 min
Response: 2648918
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

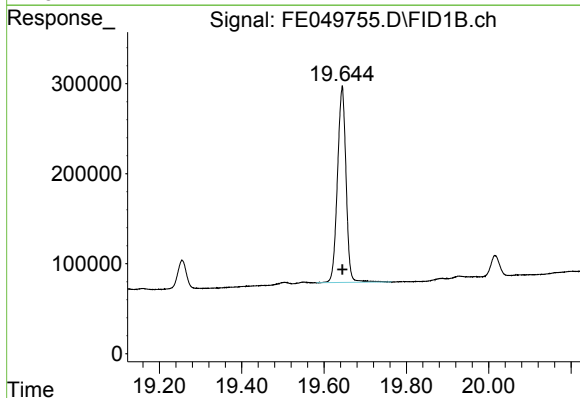
R.T.: 18.029 min
Delta R.T.: -0.002 min
Response: 2929509
Conc: 19.57 ug/ml

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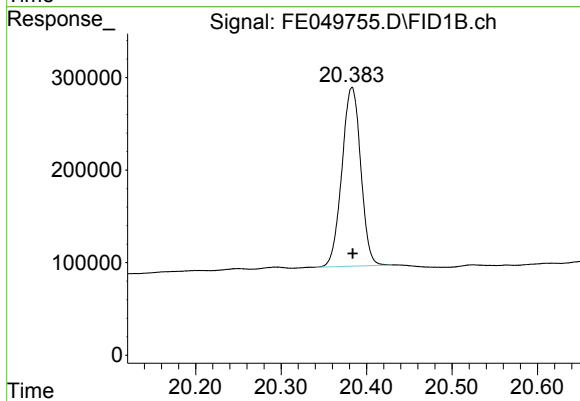
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: -0.002 min
Response: 3090391
Conc: 20.43 ug/ml



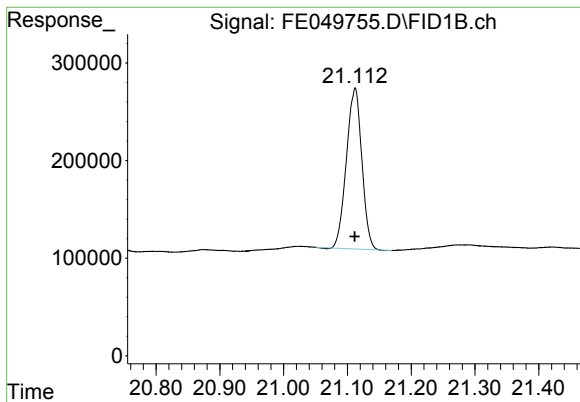
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 3141789
Conc: 20.55 ug/ml



#20 n-Hexatriacontane (C36)

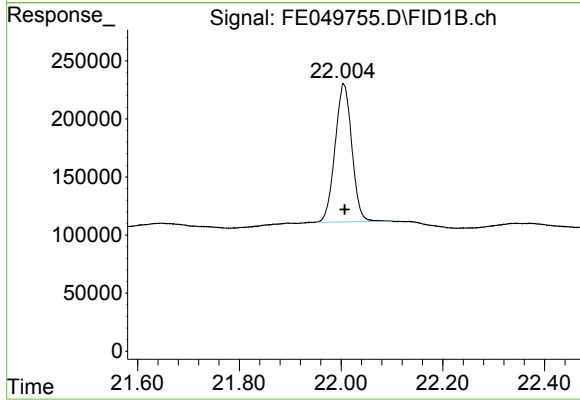
R.T.: 20.383 min
Delta R.T.: -0.001 min
Response: 2958589
Conc: 19.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 2760172
Conc: 17.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.002 min
Response: 2719590
Conc: 17.81 ug/ml