

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055183.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 17:57
 Operator : YP\AJ
 Sample : Q2779-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-5-EPH

Integration File: autoint1.e
 Quant Time: Aug 08 01:07:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 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)	12.085	5209050	36.477 ug/ml
Spiked Amount 50.000		Recovery =	72.95%
12) S 1-chlorooctadecane (S...	13.522	4476389	41.632 ug/ml
Spiked Amount 50.000		Recovery =	83.26%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.401	58700	0.437 ug/ml
5) T A~2-methylnaphthalene...	7.501	29763	0.228 ug/ml
6) T n-Tetradecane (C14)	8.696	36376	0.297 ug/ml
7) T n-Hexadecane (C16)	10.327	66514	0.520 ug/ml
8) T n-Octadecane (C18)	11.754	49525	0.380 ug/ml
10) T n-Eicosane (C20)	13.067	143201	1.141 ug/ml
11) T n-Heneicosane (C21)	13.684	28142	0.228 ug/ml
13) T n-Docosane (C22)	14.275	115196	0.943 ug/ml
14) T n-Tetracosane (C24)	15.372	1236379	10.165 ug/ml
15) T n-Hexacosane (C26)	16.406	206105	1.723 ug/ml
16) T n-Octacosane (C28)	17.378	456162	3.845 ug/ml
17) T n-Tricontane (C30)	18.245	381137	3.097 ug/ml
18) T n-Dotriacontane (C32)	19.081	135627	1.112 ug/ml
19) T n-Tetratriacontane (C34)	19.867	68957	0.590 ug/ml
20) T n-Hexatriacontane (C36)	20.601	76069	0.696 ug/ml
22) T n-Tetracontane (C40)	22.376	31277	0.299 ug/ml

(f)=RT Delta > 1/2 Window

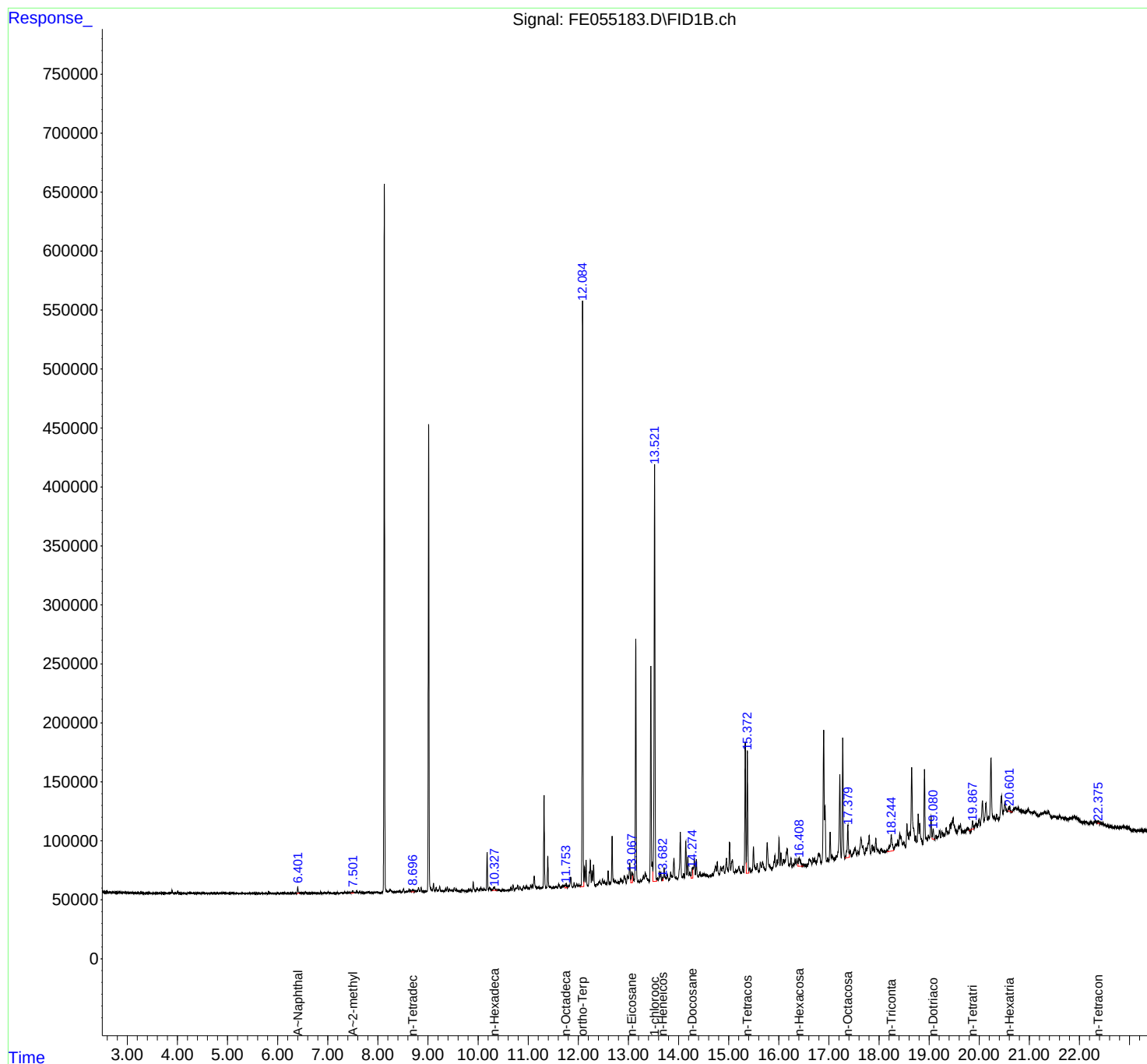
(m)=manual int.

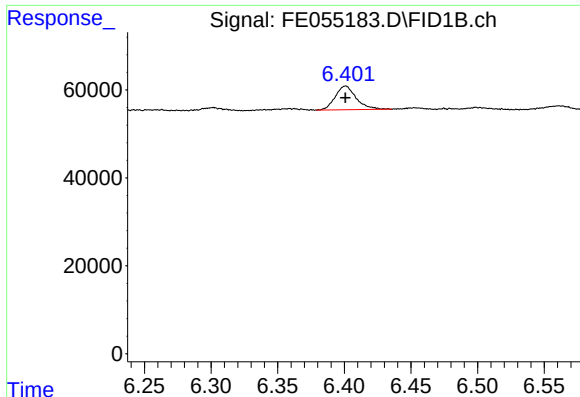
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
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Signal Info : 20M x 0.18mm x 0.18um

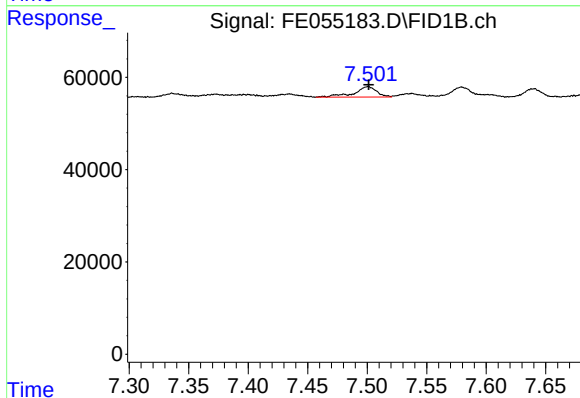




#3 A~Naphthalene (C11.7)

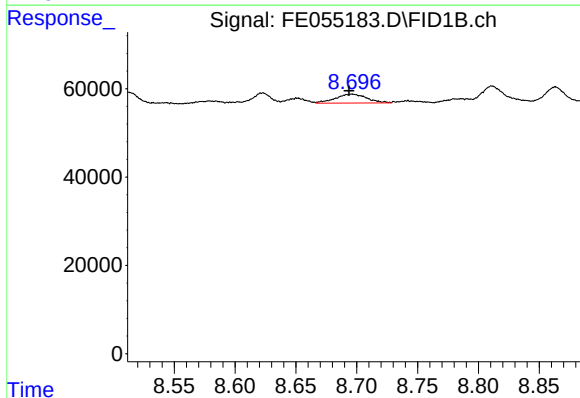
R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 58700
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-5-EPH



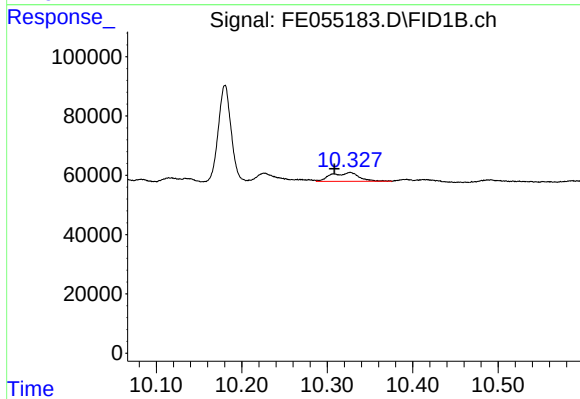
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 29763
Conc: 0.23 ug/ml



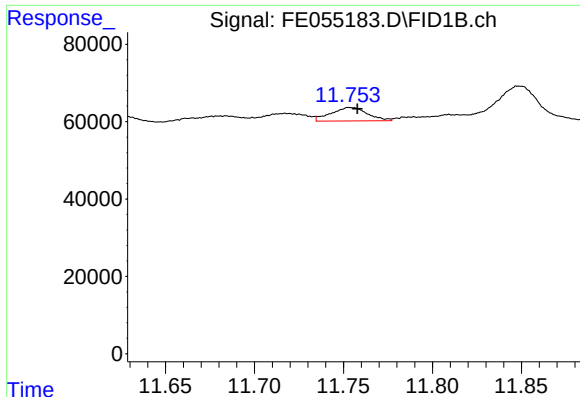
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.002 min
Response: 36376
Conc: 0.30 ug/ml



#7 n-Hexadecane (C16)

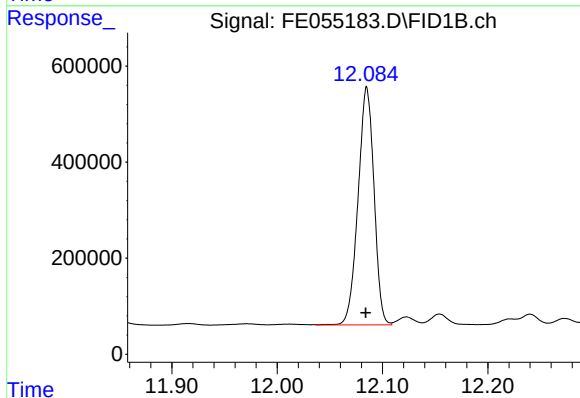
R.T.: 10.327 min
Delta R.T.: 0.019 min
Response: 66514
Conc: 0.52 ug/ml



#8 n-Octadecane (C18)

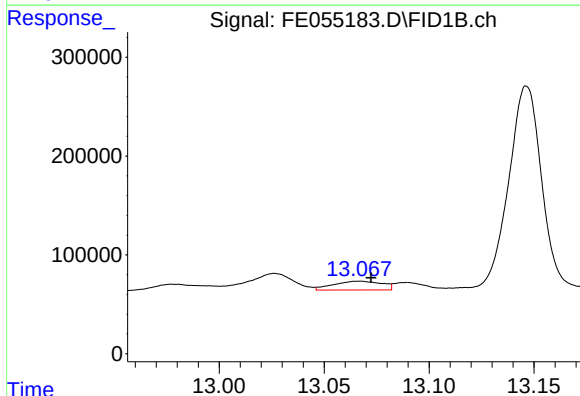
R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 49525
Conc: 0.38 ug/ml

Instrument :
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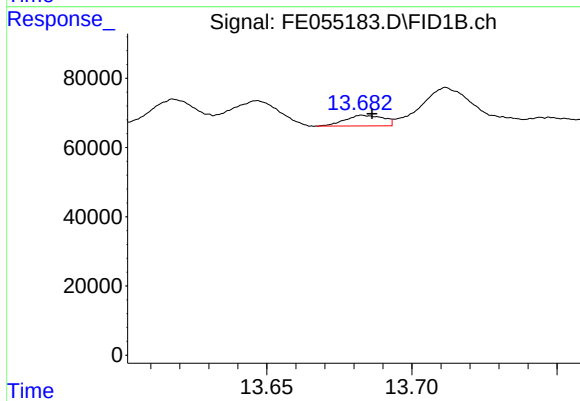
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.001 min
Response: 5209050
Conc: 36.48 ug/ml



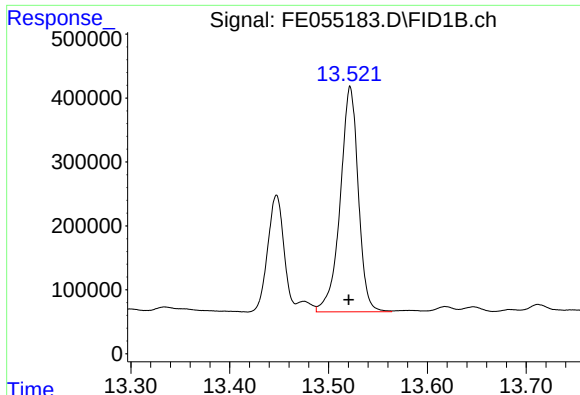
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 143201
Conc: 1.14 ug/ml



#11 n-Heneicosane (C21)

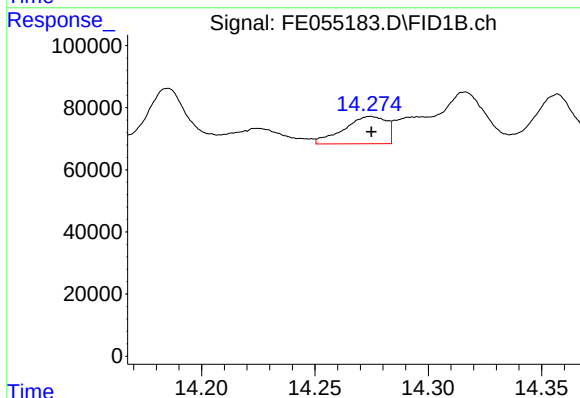
R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 28142
Conc: 0.23 ug/ml



#12 1-chlorooctadecane (SURR)

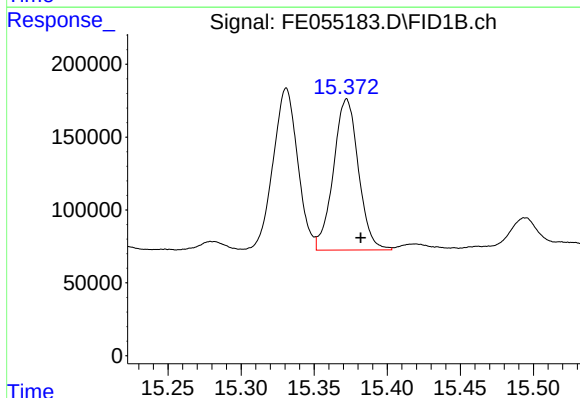
R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 4476389
Conc: 41.63 ug/ml

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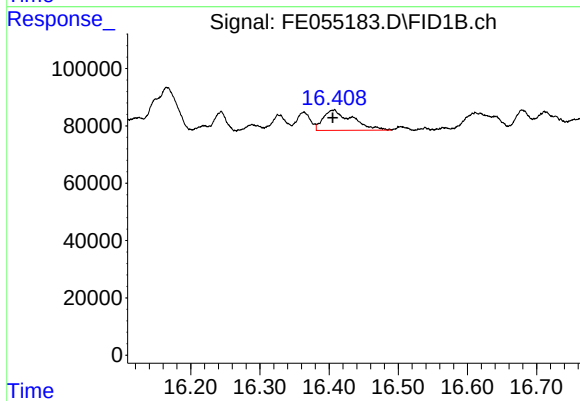
#13 n-Docosane (C22)

R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 115196
Conc: 0.94 ug/ml



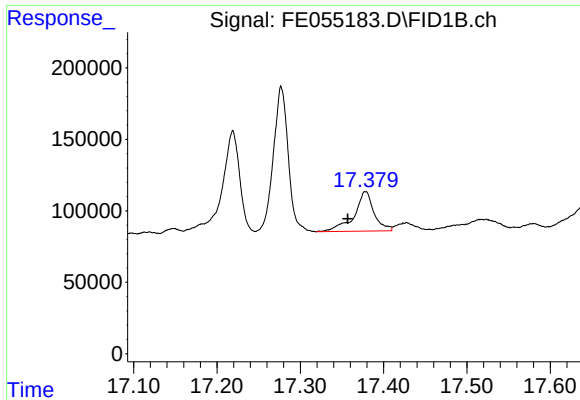
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 1236379
Conc: 10.16 ug/ml



#15 n-Hexacosane (C26)

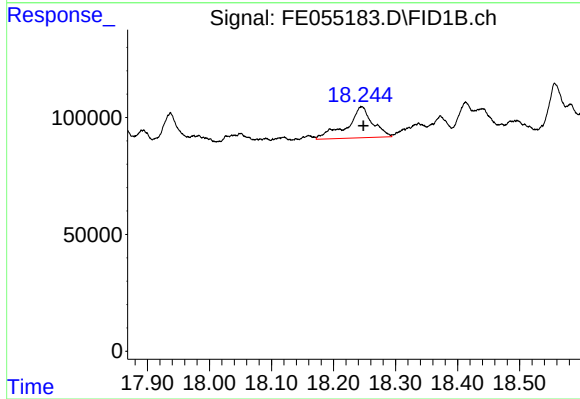
R.T.: 16.406 min
Delta R.T.: 0.000 min
Response: 206105
Conc: 1.72 ug/ml



#16 n-Octacosane (C28)

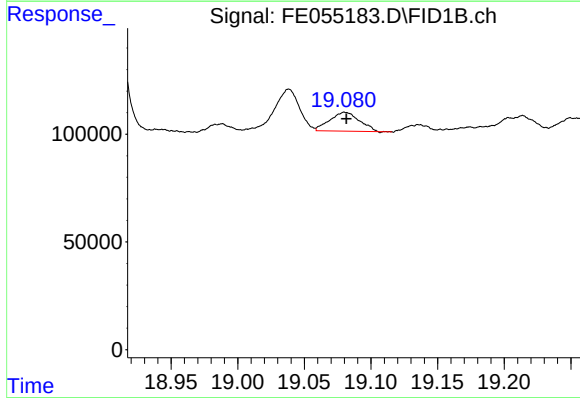
R.T.: 17.378 min
Delta R.T.: 0.021 min
Response: 456162
Conc: 3.85 ug/ml

Instrument :
FID_E
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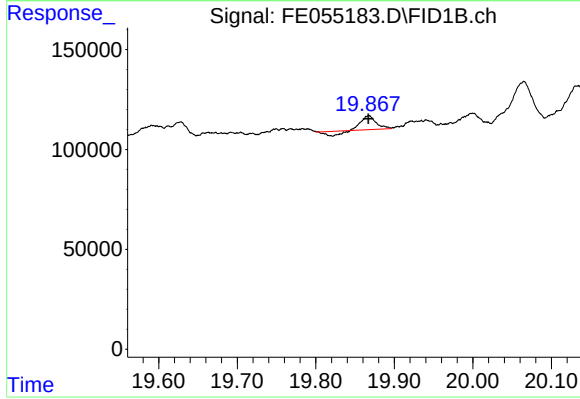
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 381137
Conc: 3.10 ug/ml



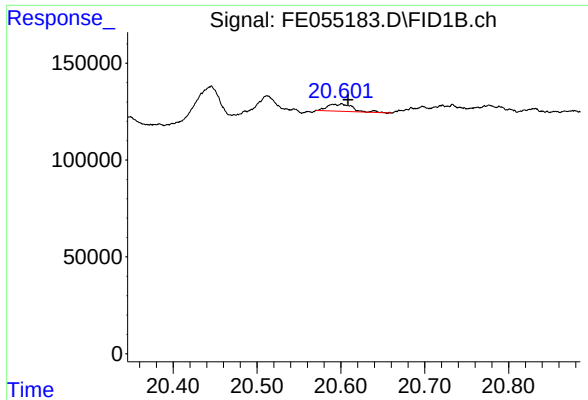
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 135627
Conc: 1.11 ug/ml



#19 n-Tetratriacontane (C34)

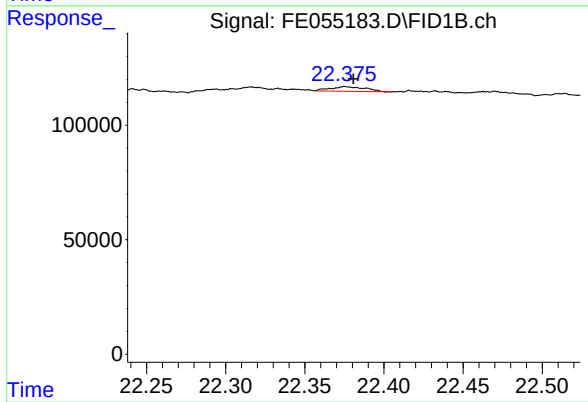
R.T.: 19.867 min
Delta R.T.: 0.000 min
Response: 68957
Conc: 0.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.601 min
Delta R.T.: -0.008 min
Response: 76069
Conc: 0.70 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.005 min
Response: 31277
Conc: 0.30 ug/ml