

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042225AL\
 Data File : FE053483.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 00:18
 Operator : YP\AJ
 Sample : Q1850-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CONCRETE-PILE-N-C-LOT

Integration File: autoint1.e
 Quant Time: Apr 23 02:56:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.879	5185190	28.749 ug/ml
Spiked Amount 50.000		Recovery =	57.50%
12) S 1-chlorooctadecane (S...	13.325	4052198	29.977 ug/ml
Spiked Amount 50.000		Recovery =	59.95%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.212	466518	3.091 ug/ml
4) T n-Dodecane (C12)	6.659	258966	1.846 ug/ml
5) T A~2-methylnaphthalene...	7.296	4400176	29.471 ug/ml
6) T n-Tetradecane (C14)	8.543	660145	4.706 ug/ml
7) T n-Hexadecane (C16)	10.114	2571691	17.943 ug/ml
8) T n-Octadecane (C18)	11.561	365105	2.505 ug/ml
10) T n-Eicosane (C20)	12.884	1805380	12.407 ug/ml
11) T n-Heneicosane (C21)	13.527	2521839	17.411 ug/ml
13) T n-Docosane (C22)	14.107	2482402	17.203 ug/ml
14) T n-Tetracosane (C24)	15.211	611553	4.258 ug/ml
15) T n-Hexacosane (C26)	16.238	950824	6.713 ug/ml
16) T n-Octacosane (C28)	17.180	922130	6.628 ug/ml
17) T n-Tricontane (C30)	18.048	289962	2.083 ug/ml
18) T n-Dotriacontane (C32)	18.950f	166479	1.212 ug/ml
19) T n-Tetratriacontane (C34)	19.696	516776	3.966 ug/ml
20) T n-Hexatriacontane (C36)	20.349f	66629	0.528 ug/ml

(f)=RT Delta > 1/2 Window

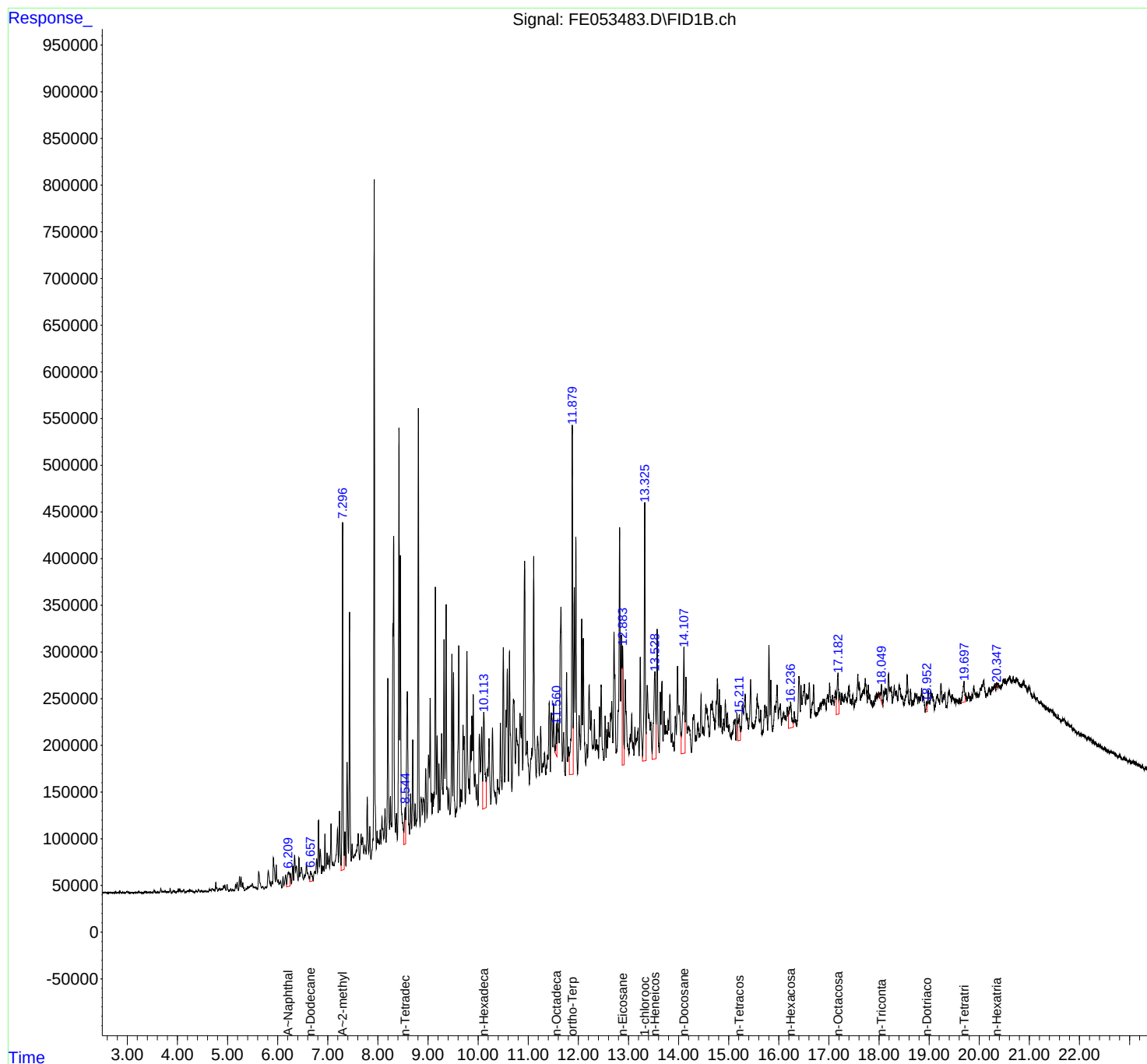
(m)=manual int.

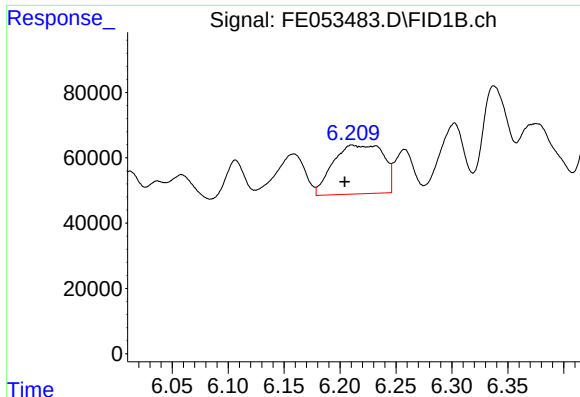
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042225AL\
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Signal Info : 20M x 0.18mm x 0.18um

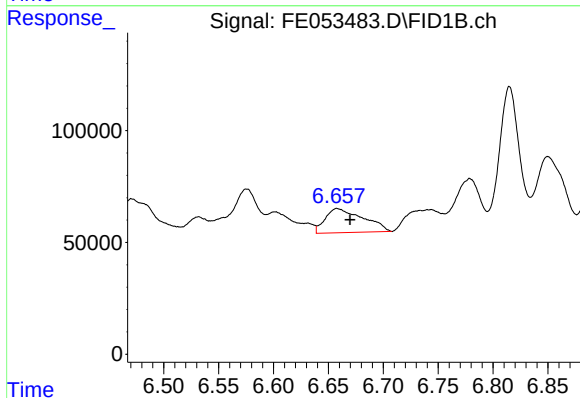




#3 A~Naphthalene (C11.7)

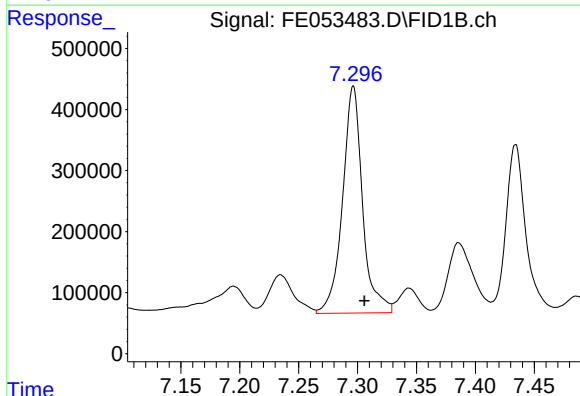
R.T.: 6.212 min
Delta R.T.: 0.008 min
Response: 466518
Conc: 3.09 ug/ml

Instrument :
FID_E
ClientSampleId :
CONCRETE-PILE-N-C-LOT



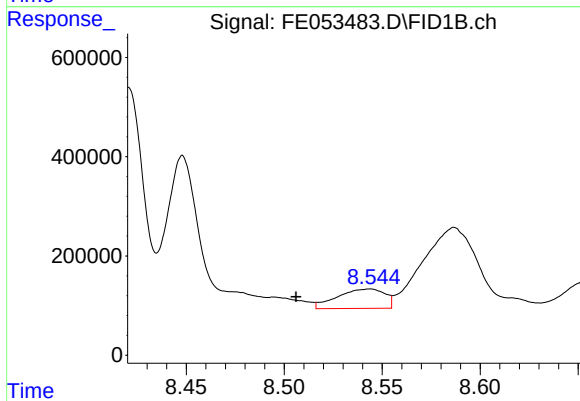
#4 n-Dodecane (C12)

R.T.: 6.659 min
Delta R.T.: -0.011 min
Response: 258966
Conc: 1.85 ug/ml



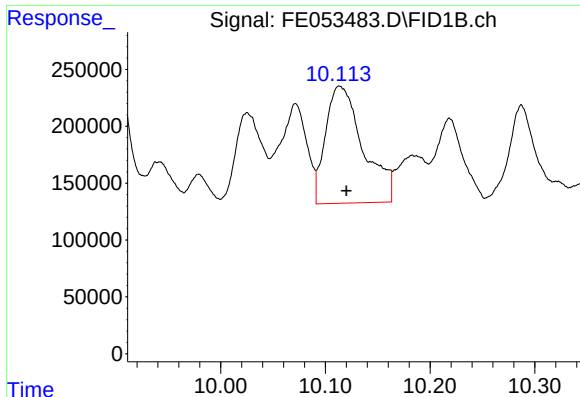
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.010 min
Response: 4400176
Conc: 29.47 ug/ml



#6 n-Tetradecane (C14)

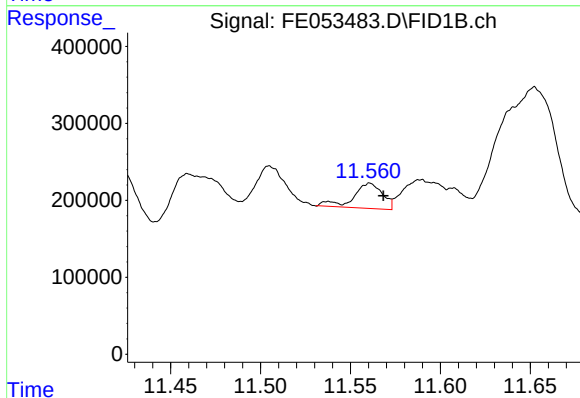
R.T.: 8.543 min
Delta R.T.: 0.037 min
Response: 660145
Conc: 4.71 ug/ml



#7 n-Hexadecane (C16)

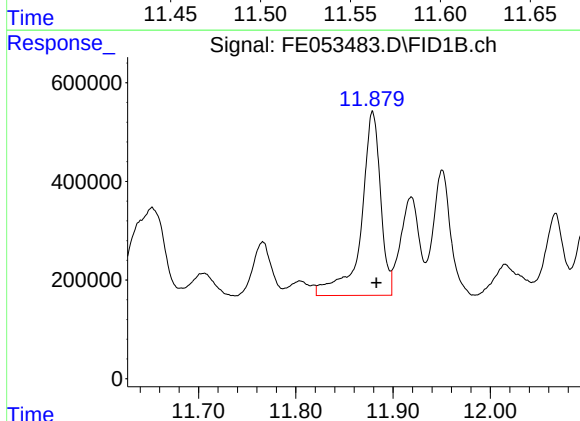
R.T.: 10.114 min
Delta R.T.: -0.006 min
Response: 2571691
Conc: 17.94 ug/ml

Instrument :
FID_E
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CONCRETE-PILE-N-C-LOT



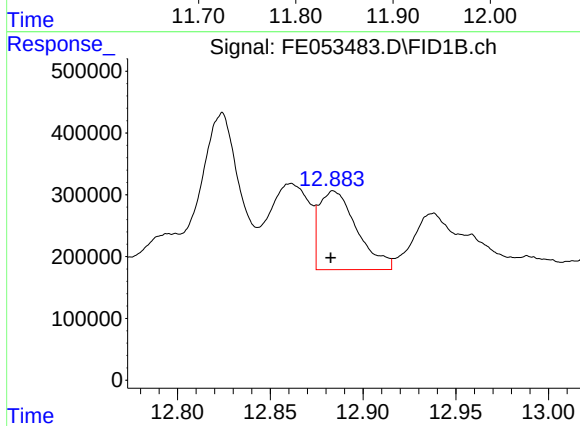
#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: -0.008 min
Response: 365105
Conc: 2.51 ug/ml



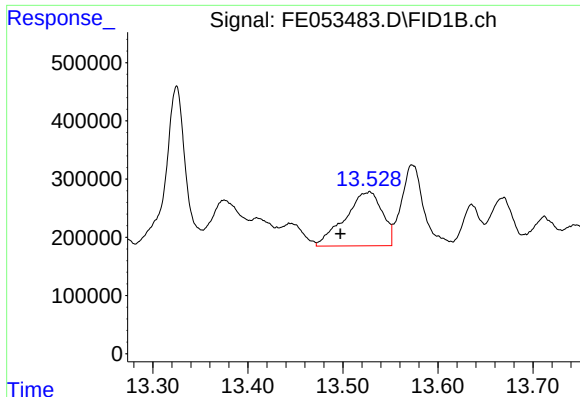
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min
Delta R.T.: -0.004 min
Response: 5185190
Conc: 28.75 ug/ml



#10 n-Eicosane (C20)

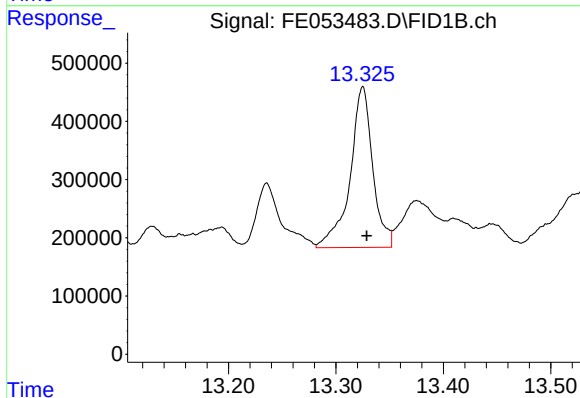
R.T.: 12.884 min
Delta R.T.: 0.002 min
Response: 1805380
Conc: 12.41 ug/ml



#11 n-Heneicosane (C21)

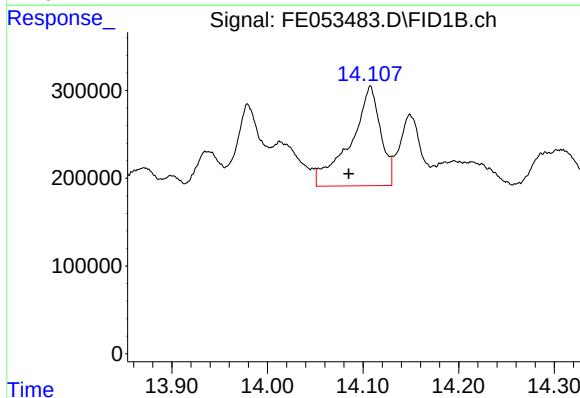
R.T.: 13.527 min
Delta R.T.: 0.030 min
Response: 2521839
Conc: 17.41 ug/ml

Instrument :
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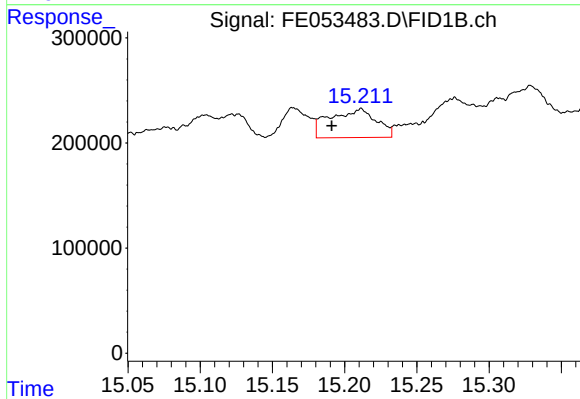
#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min
Delta R.T.: -0.004 min
Response: 4052198
Conc: 29.98 ug/ml



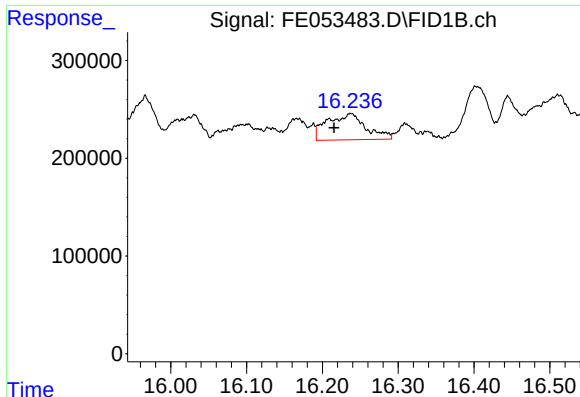
#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: 0.022 min
Response: 2482402
Conc: 17.20 ug/ml



#14 n-Tetracosane (C24)

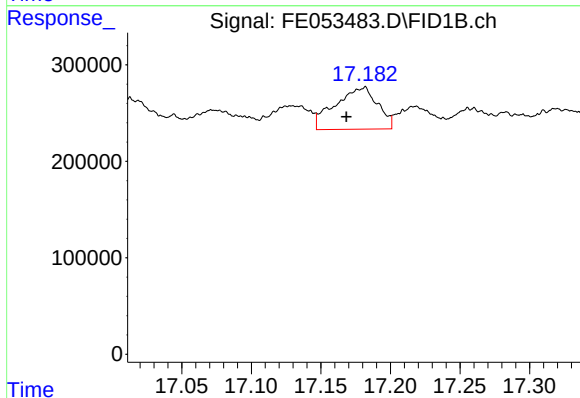
R.T.: 15.211 min
Delta R.T.: 0.020 min
Response: 611553
Conc: 4.26 ug/ml



#15 n-Hexacosane (C26)

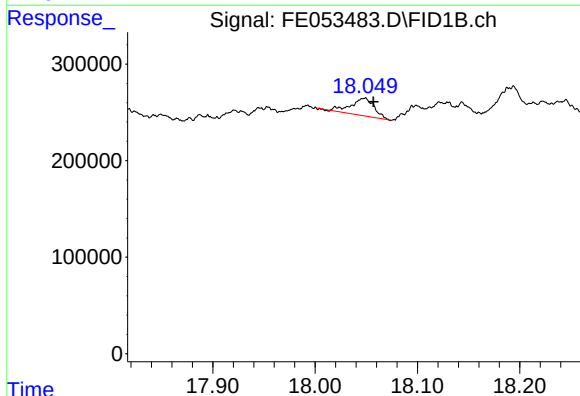
R.T.: 16.238 min
Delta R.T.: 0.022 min
Response: 950824
Conc: 6.71 ug/ml

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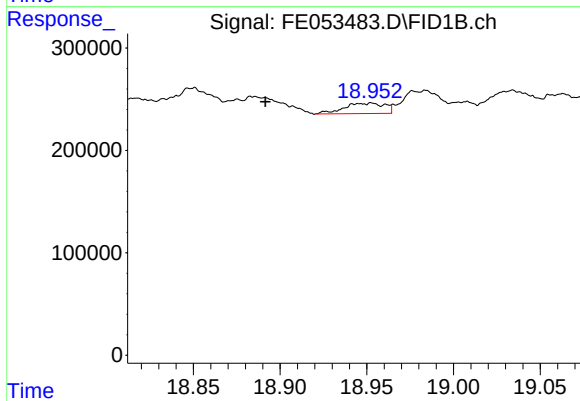
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: 0.011 min
Response: 922130
Conc: 6.63 ug/ml



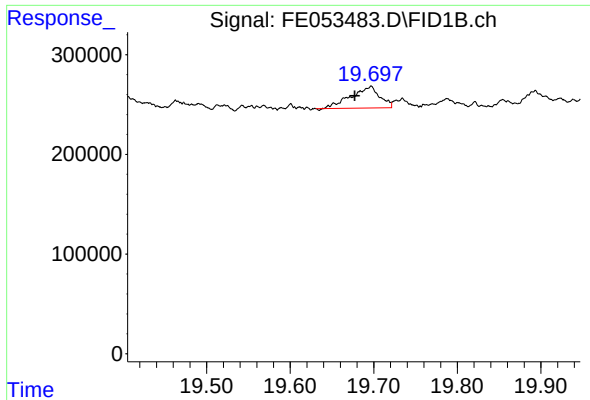
#17 n-Tricontane (C30)

R.T.: 18.048 min
Delta R.T.: -0.009 min
Response: 289962
Conc: 2.08 ug/ml



#18 n-Dotriacontane (C32)

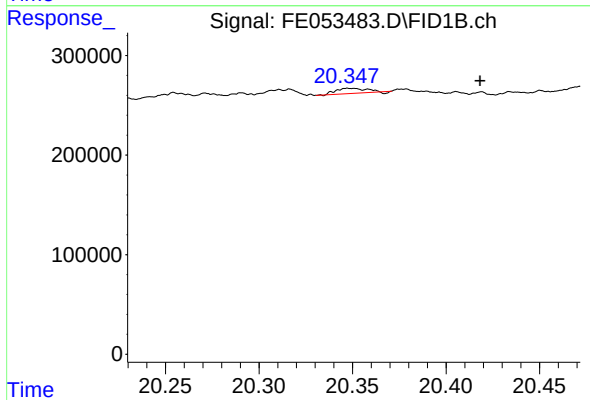
R.T.: 18.950 min
Delta R.T.: 0.059 min
Response: 166479
Conc: 1.21 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: 0.018 min
Response: 516776
Conc: 3.97 ug/ml

Instrument :
FID_E
ClientSampleId :
CONCRETE-PILE-N-C-LOT



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.069 min
Response: 66629
Conc: 0.53 ug/ml