

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054367.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 06:47
 Operator : YP\AJ
 Sample : Q2296-13
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-4

Integration File: sample.E
 Quant Time: Jun 13 08:12:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.827	9530524	57.678 ug/ml
Spiked Amount 50.000		Recovery =	115.36%
12) S 1-chlorooctadecane (S...	13.271	7700749	63.148 ug/ml
Spiked Amount 50.000		Recovery =	126.30%
Target Compounds			
1) T n-Nonane (C9)	3.166	15190	0.122 ug/ml
2) T n-Decane (C10)	4.438	21868	0.176 ug/ml
3) T A~Naphthalene (C11.7)	6.152	4646	0.034 ug/ml
4) T n-Dodecane (C12)	6.614	5393	0.042 ug/ml
5) T A~2-methylnaphthalene...	7.298	1327	0.010 ug/ml
6) T n-Tetradecane (C14)	8.466	28535	0.220 ug/ml
7) T n-Hexadecane (C16)	10.063	86923	0.654 ug/ml
8) T n-Octadecane (C18)	11.513	20291	0.150 ug/ml
10) T n-Eicosane (C20)	12.824	20143	0.151 ug/ml
11) T n-Heneicosane (C21)	13.438	45040	0.339 ug/ml
13) T n-Docosane (C22)	14.022	34010	0.259 ug/ml
14) T n-Tetracosane (C24)	15.127	51794	0.402 ug/ml
15) T n-Hexacosane (C26)	16.149	71698	0.571 ug/ml
16) T n-Octacosane (C28)	17.101	82187	0.670 ug/ml
17) T n-Tricontane (C30)	17.989	53617	0.433 ug/ml
18) T n-Dotriacontane (C32)	18.820	59409	0.473 ug/ml
19) T n-Tetratriacontane (C34)	19.607	13505	0.109 ug/ml
20) T n-Hexatriacontane (C36)	20.349	87934	0.683 ug/ml
21) T n-Octatriacontane (C38)	21.075	146485	1.109 ug/ml
22) T n-Tetracontane (C40)	21.957	224208	1.664 ug/ml

(f)=RT Delta > 1/2 Window

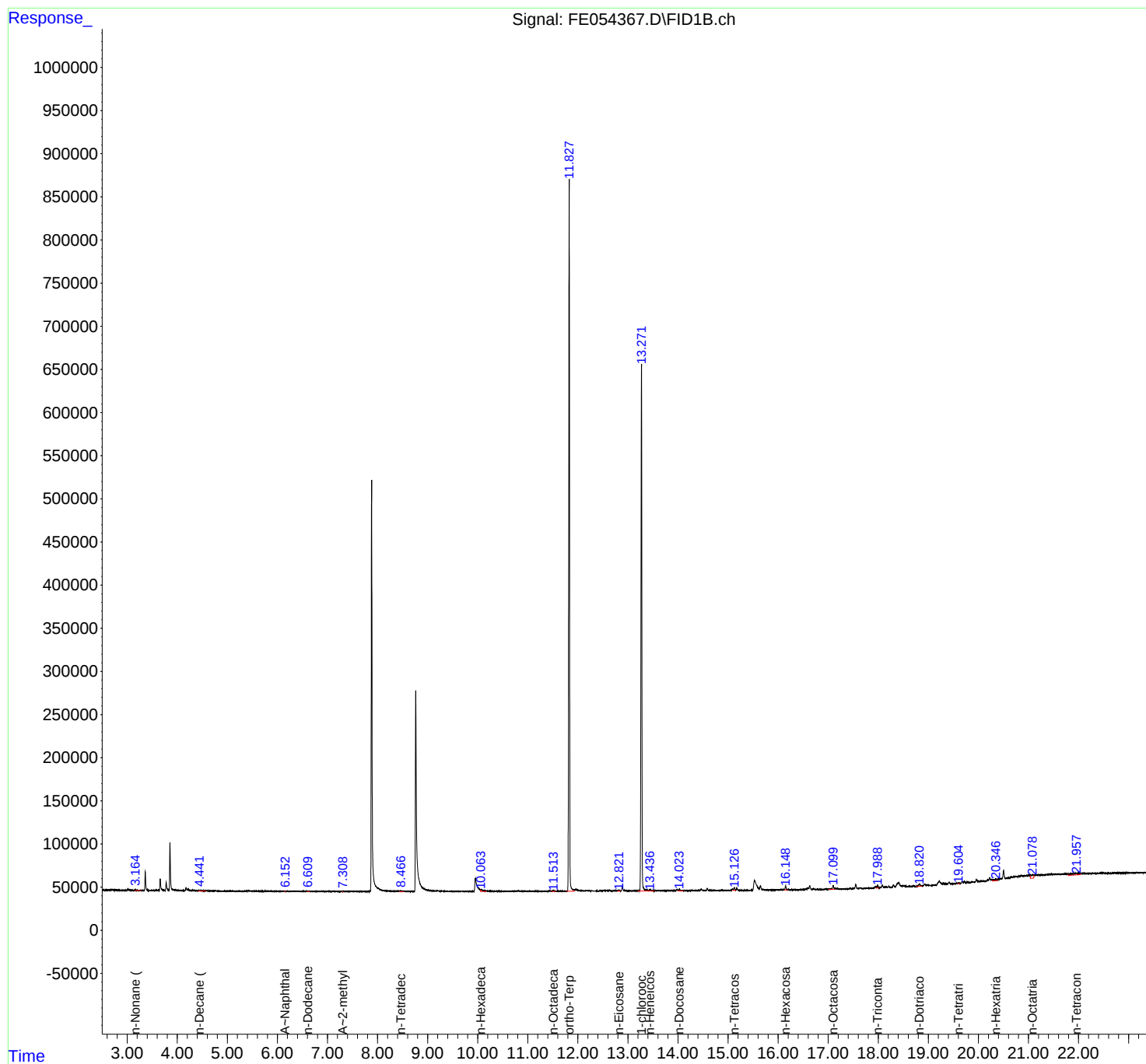
(m)=manual int.

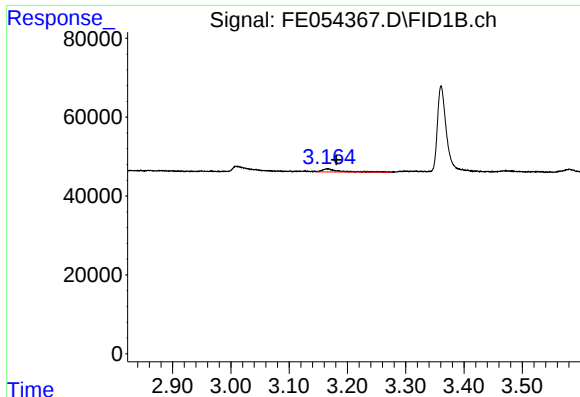
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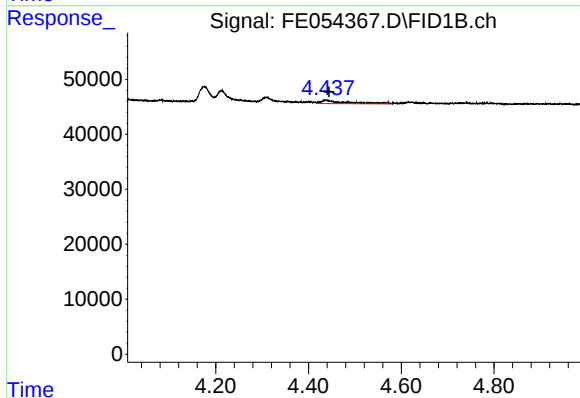




#1 n-Nonane (C9)

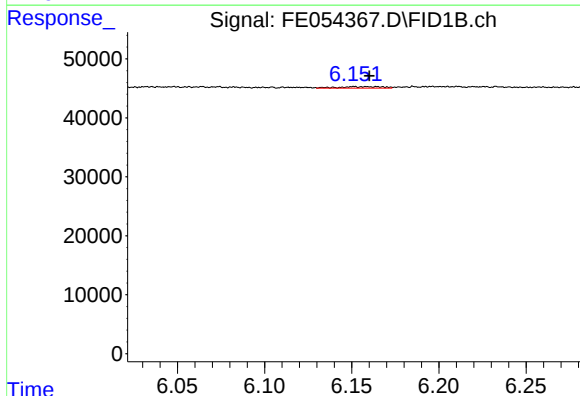
R.T.: 3.166 min
Delta R.T.: -0.015 min
Response: 15190
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-4



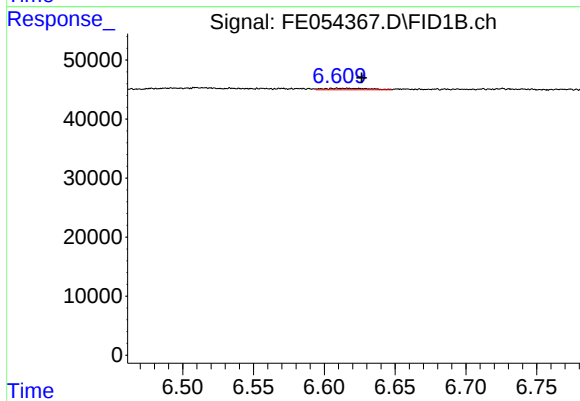
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.006 min
Response: 21868
Conc: 0.18 ug/ml



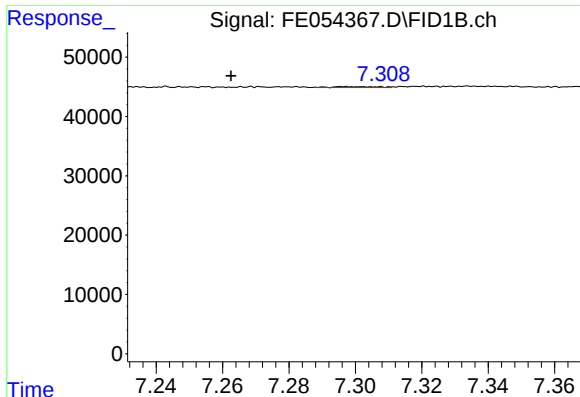
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 4646
Conc: 0.03 ug/ml



#4 n-Dodecane (C12)

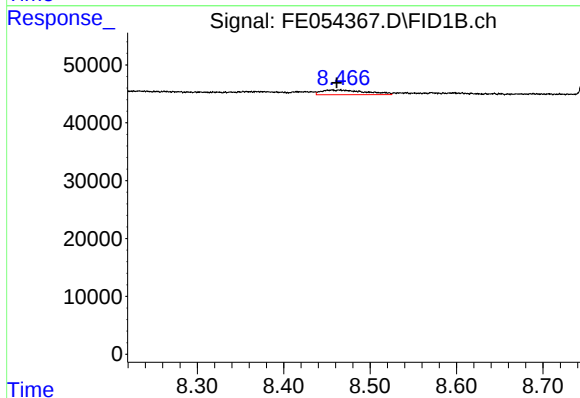
R.T.: 6.614 min
Delta R.T.: -0.013 min
Response: 5393
Conc: 0.04 ug/ml



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

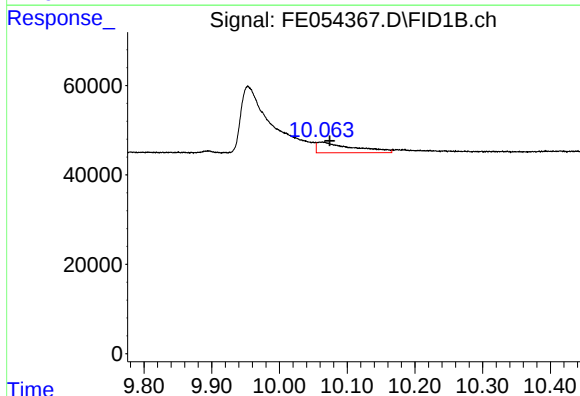
R.T.: 7.298 min
Delta R.T.: 0.036 min
Response: 1327
Conc: 0.01 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-4



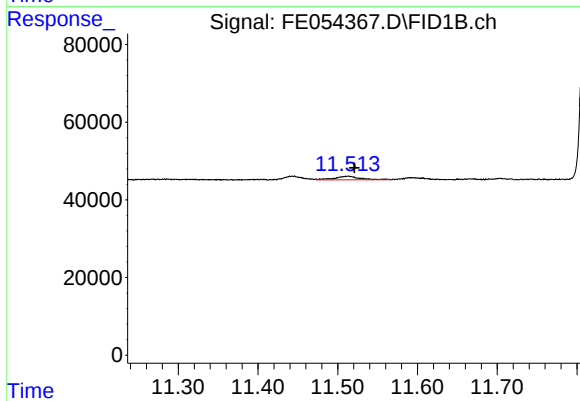
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: 0.004 min
Response: 28535
Conc: 0.22 ug/ml



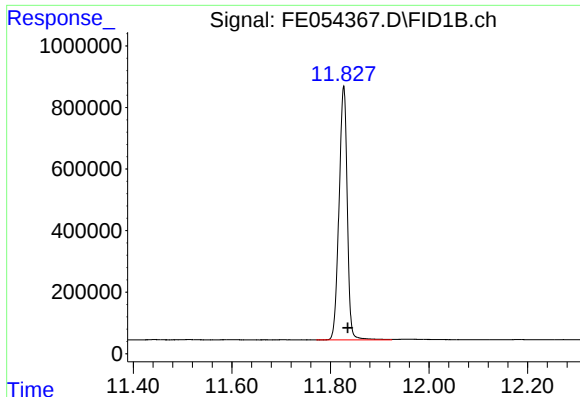
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.012 min
Response: 86923
Conc: 0.65 ug/ml



#8 n-Octadecane (C18)

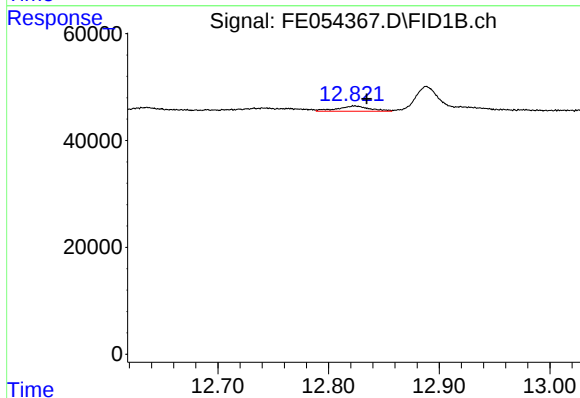
R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 20291
Conc: 0.15 ug/ml



#9 ortho-Terphenyl (SURR)

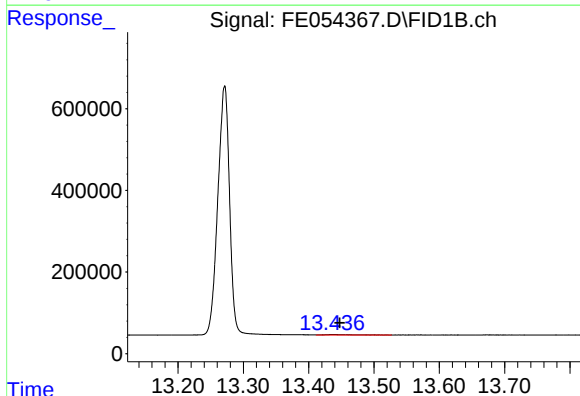
R.T.: 11.827 min
Delta R.T.: -0.008 min
Response: 9530524
Conc: 57.68 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-4



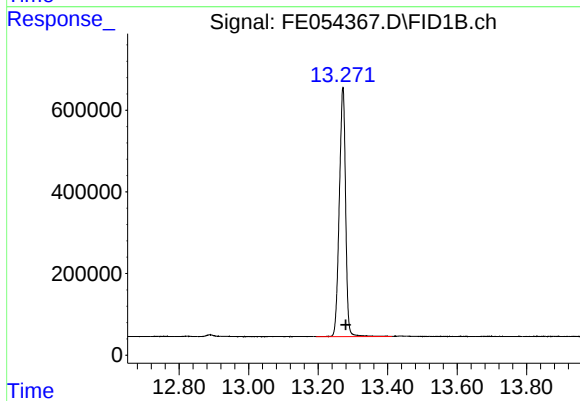
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 20143
Conc: 0.15 ug/ml



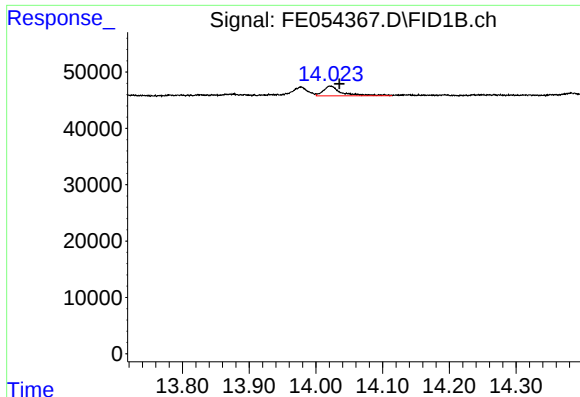
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.010 min
Response: 45040
Conc: 0.34 ug/ml



#12 1-chlorooctadecane (SURR)

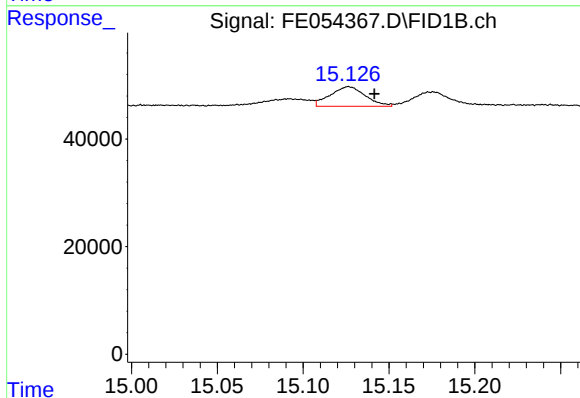
R.T.: 13.271 min
Delta R.T.: -0.008 min
Response: 7700749
Conc: 63.15 ug/ml



#13 n-Docosane (C22)

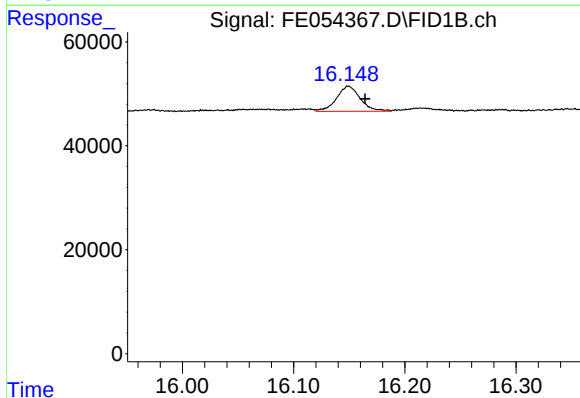
R.T.: 14.022 min
Delta R.T.: -0.014 min
Response: 34010
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-4



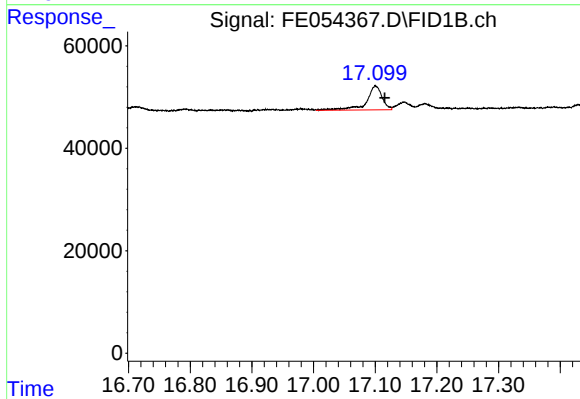
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.015 min
Response: 51794
Conc: 0.40 ug/ml



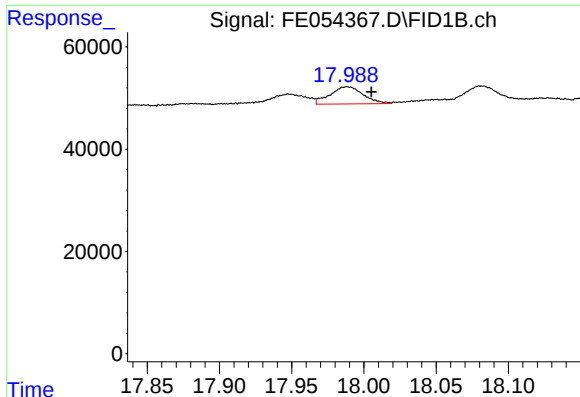
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.015 min
Response: 71698
Conc: 0.57 ug/ml



#16 n-Octacosane (C28)

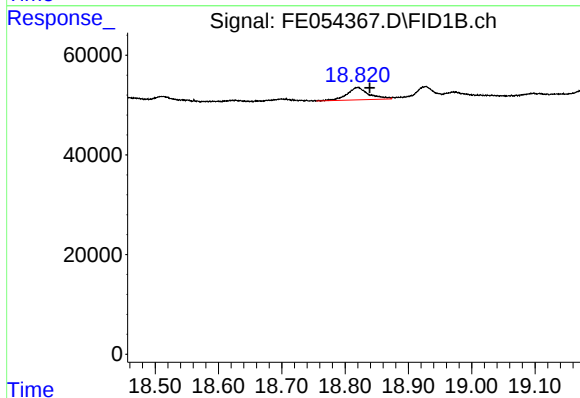
R.T.: 17.101 min
Delta R.T.: -0.014 min
Response: 82187
Conc: 0.67 ug/ml



#17 n-Tricontane (C30)

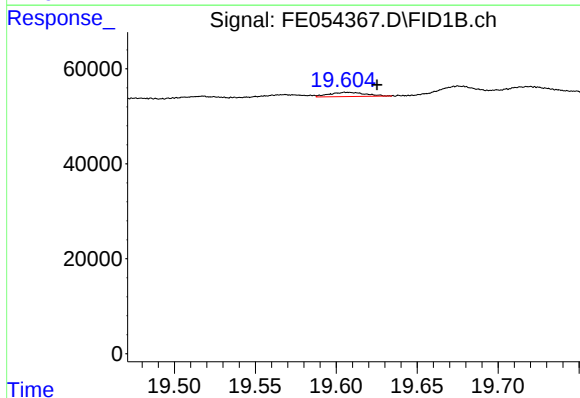
R.T.: 17.989 min
Delta R.T.: -0.017 min
Response: 53617
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-4



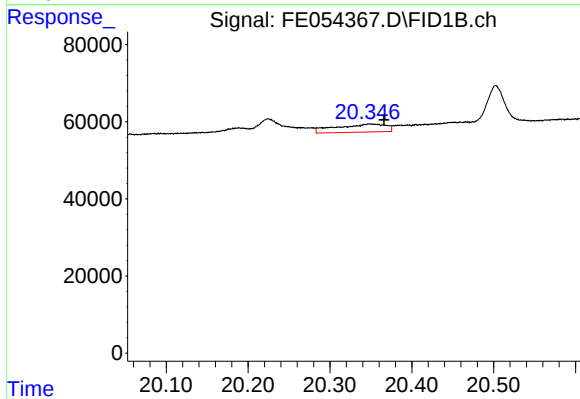
#18 n-Dotriacontane (C32)

R.T.: 18.820 min
Delta R.T.: -0.019 min
Response: 59409
Conc: 0.47 ug/ml



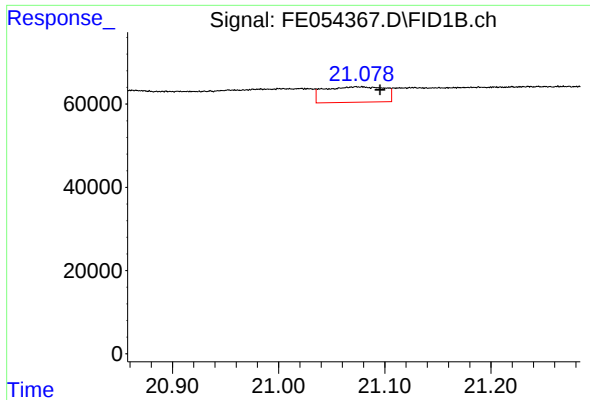
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.018 min
Response: 13505
Conc: 0.11 ug/ml



#20 n-Hexatriacontane (C36)

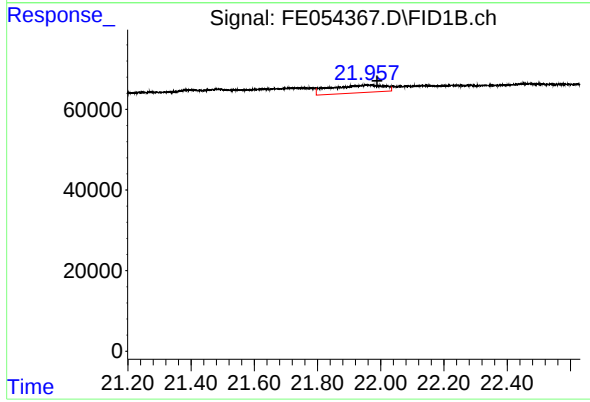
R.T.: 20.349 min
Delta R.T.: -0.017 min
Response: 87934
Conc: 0.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.020 min
Response: 146485
Conc: 1.11 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-4



#22 n-Tetracontane (C40)

R.T.: 21.957 min
Delta R.T.: -0.032 min
Response: 224208
Conc: 1.66 ug/ml