

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
 Data File : FE054056.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2025 18:34
 Operator : YP\AJ
 Sample : Q2128-01D
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP03-MHM

Integration File: sample.E
 Quant Time: May 29 05:27:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.843	8830877	54.340 ug/ml
Spiked Amount 50.000		Recovery =	108.68%
12) S 1-chlorooctadecane (S...	13.287	7286433	61.463 ug/ml
Spiked Amount 50.000		Recovery =	122.93%
Target Compounds			
1) T n-Nonane (C9)	3.185	7023	0.052 ug/ml
2) T n-Decane (C10)	4.451	7492	0.055 ug/ml
3) T A~Naphthalene (C11.7)	6.193	18972	0.132 ug/ml
4) T n-Dodecane (C12)	6.634	6342	0.046 ug/ml
5) T A~2-methylnaphthalene...	7.285	4744	0.034 ug/ml
6) T n-Tetradecane (C14)	8.470	20420	0.151 ug/ml
7) T n-Hexadecane (C16)	10.078	68720	0.509 ug/ml
8) T n-Octadecane (C18)	11.526	22298	0.166 ug/ml
10) T n-Eicosane (C20)	12.839	22106	0.168 ug/ml
11) T n-Heneicosane (C21)	13.459	82999	0.640 ug/ml
13) T n-Docosane (C22)	14.039	21935	0.172 ug/ml
14) T n-Tetracosane (C24)	15.145	62242	0.497 ug/ml
15) T n-Hexacosane (C26)	16.168	50977	0.416 ug/ml
18) T n-Dotriacontane (C32)	18.841	161546	1.292 ug/ml
19) T n-Tetratriacontane (C34)	19.628	419140	3.519 ug/ml
20) T n-Hexatriacontane (C36)	20.371	942281	8.138 ug/ml
21) T n-Octatriacontane (C38)	21.103	1446271	13.290 ug/ml
22) T n-Tetracontane (C40)	21.982	3737296	37.663 ug/ml

(f)=RT Delta > 1/2 Window

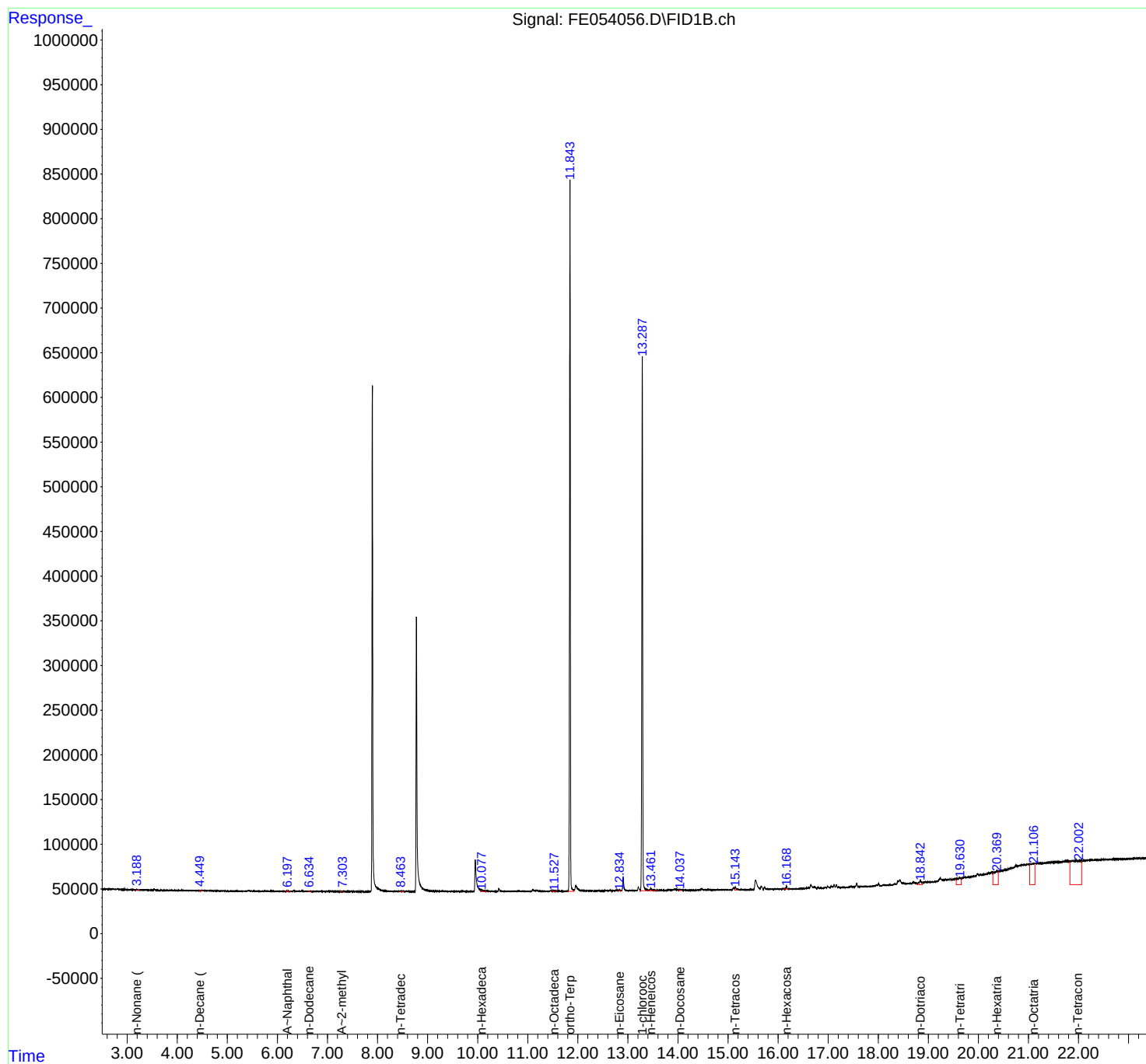
(m)=manual int.

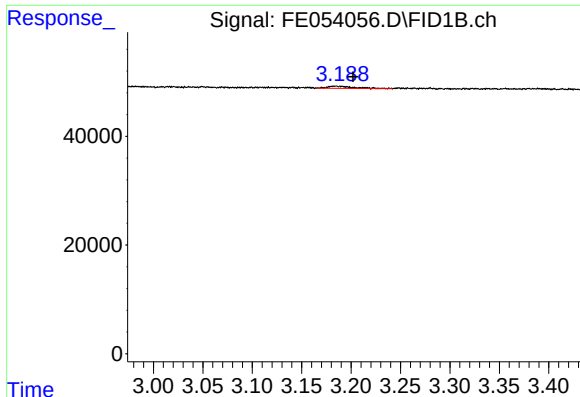
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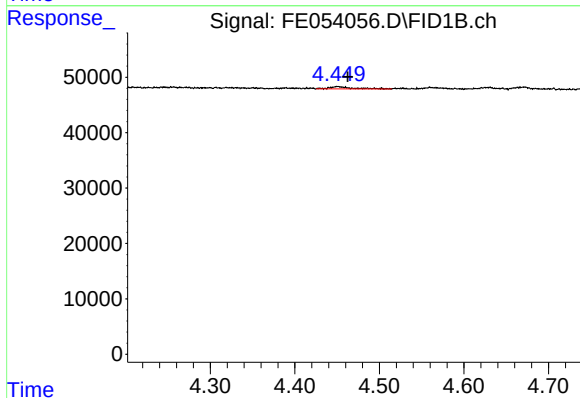




#1 n-Nonane (C9)

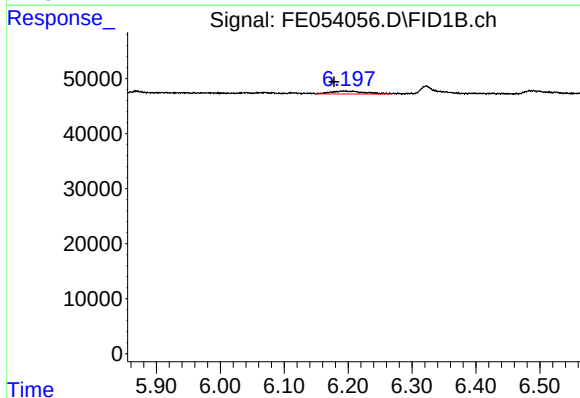
R.T.: 3.185 min
Delta R.T.: -0.017 min
Response: 7023
Conc: 0.05 ug/ml

Instrument :
FID_E
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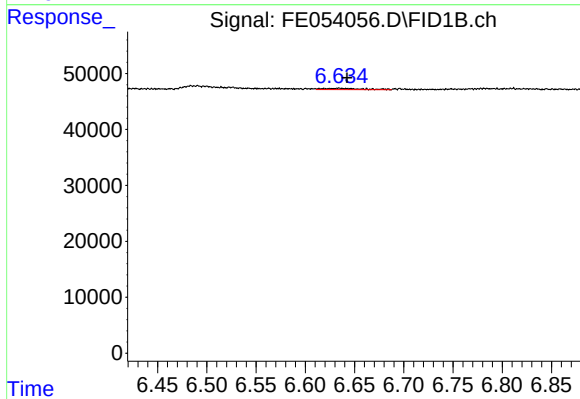
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.012 min
Response: 7492
Conc: 0.06 ug/ml



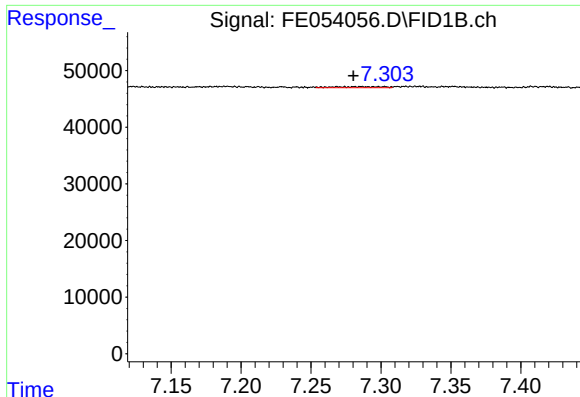
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: 0.015 min
Response: 18972
Conc: 0.13 ug/ml



#4 n-Dodecane (C12)

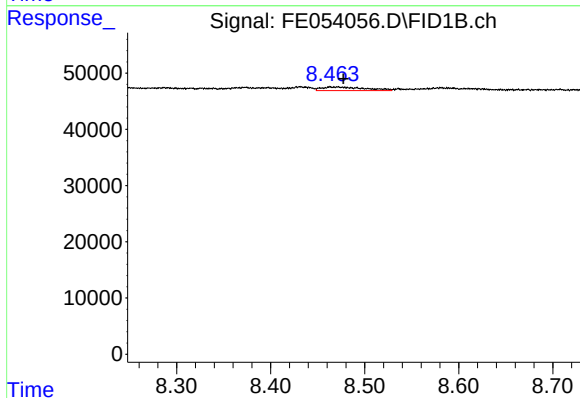
R.T.: 6.634 min
Delta R.T.: -0.009 min
Response: 6342
Conc: 0.05 ug/ml



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

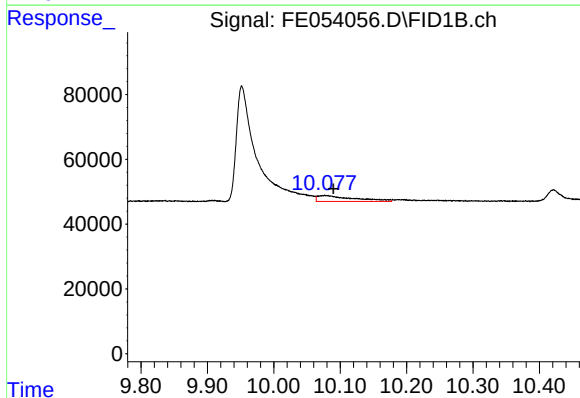
R.T.: 7.285 min
Delta R.T.: 0.005 min
Response: 4744
Conc: 0.03 ug/ml

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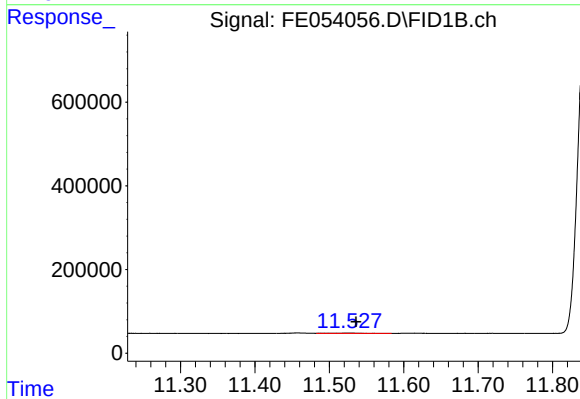
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.008 min
Response: 20420
Conc: 0.15 ug/ml



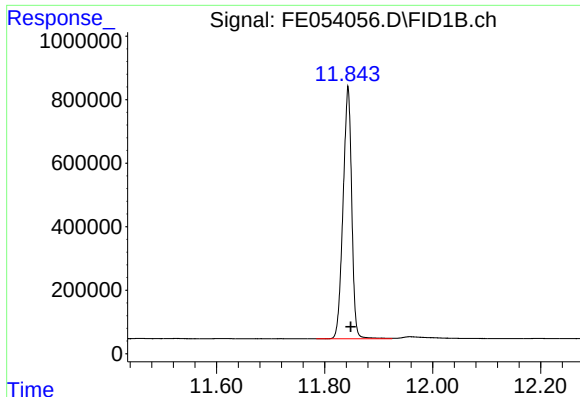
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.012 min
Response: 68720
Conc: 0.51 ug/ml



#8 n-Octadecane (C18)

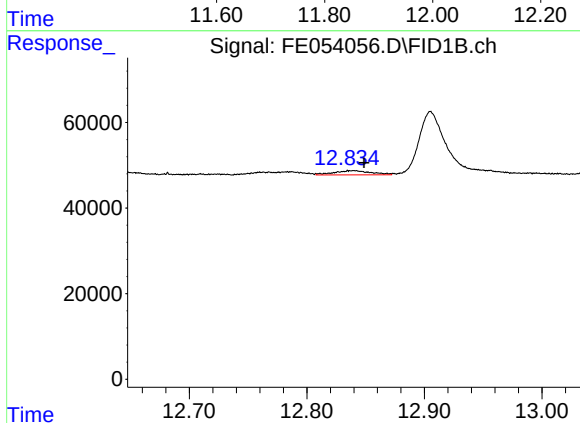
R.T.: 11.526 min
Delta R.T.: -0.010 min
Response: 22298
Conc: 0.17 ug/ml



#9 ortho-Terphenyl (SURR)

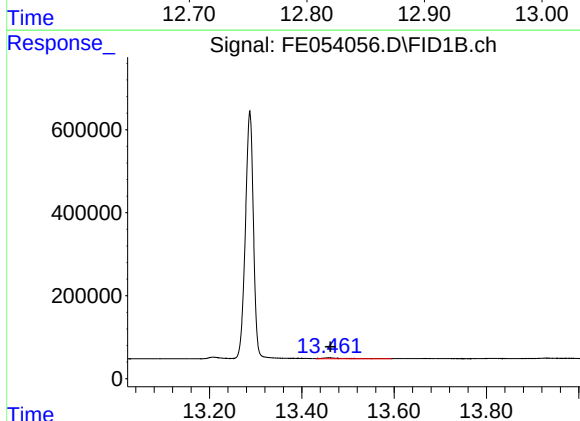
R.T.: 11.843 min
Delta R.T.: -0.005 min
Response: 8830877
Conc: 54.34 ug/ml

Instrument :
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TP03-MHM



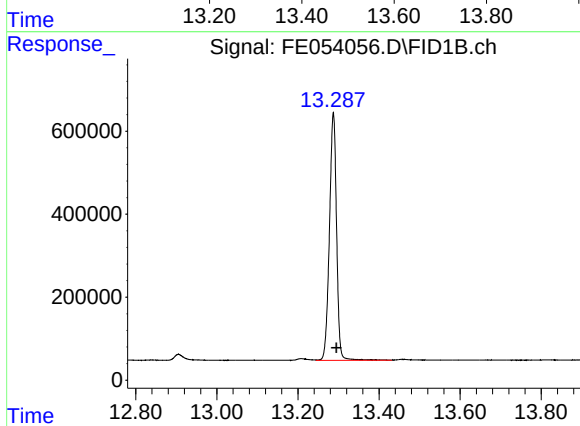
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.010 min
Response: 22106
Conc: 0.17 ug/ml



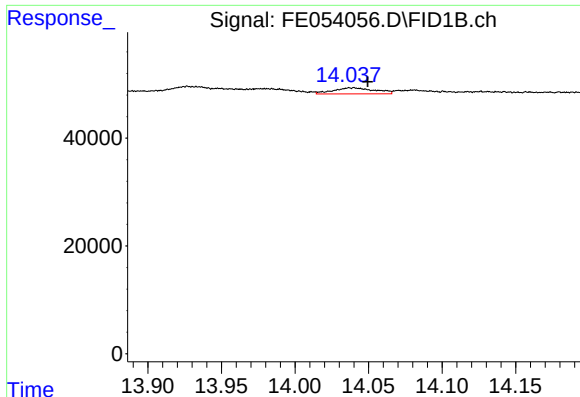
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.004 min
Response: 82999
Conc: 0.64 ug/ml



#12 1-chlorooctadecane (SURR)

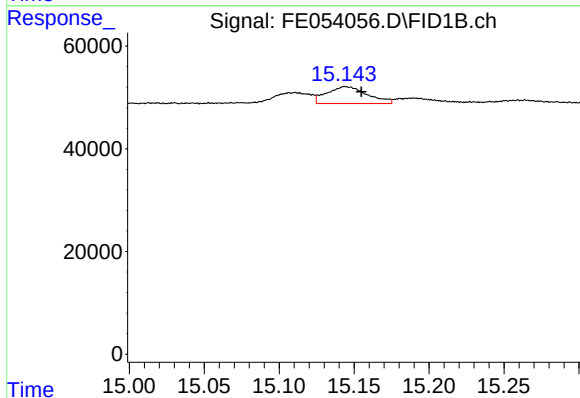
R.T.: 13.287 min
Delta R.T.: -0.007 min
Response: 7286433
Conc: 61.46 ug/ml



#13 n-Docosane (C22)

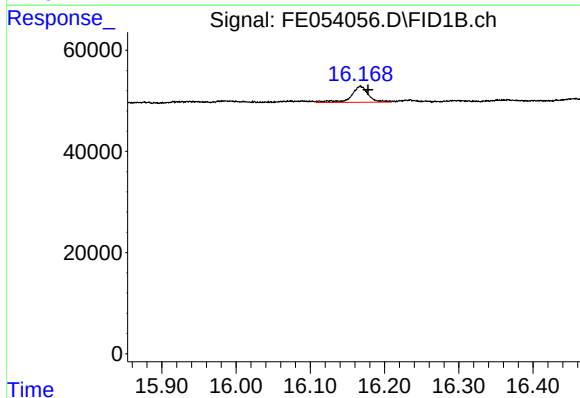
R.T.: 14.039 min
Delta R.T.: -0.010 min
Response: 21935
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :
TP03-MHM



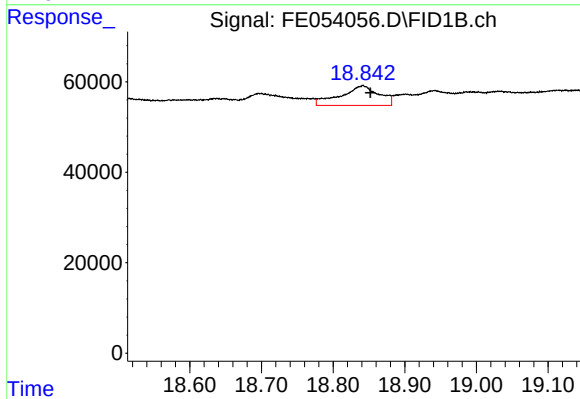
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.010 min
Response: 62242
Conc: 0.50 ug/ml



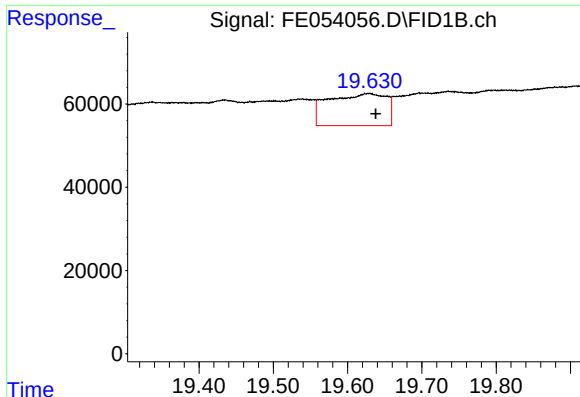
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.010 min
Response: 50977
Conc: 0.42 ug/ml



#18 n-Dotriacontane (C32)

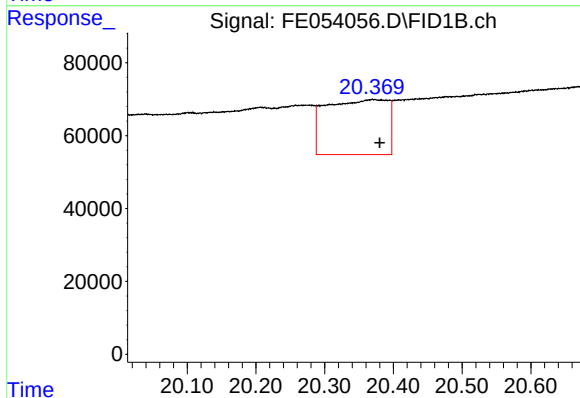
R.T.: 18.841 min
Delta R.T.: -0.011 min
Response: 161546
Conc: 1.29 ug/ml



#19 n-Tetratriacontane (C34)

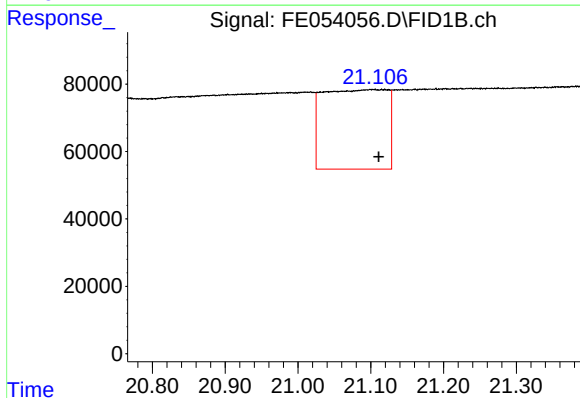
R.T.: 19.628 min
Delta R.T.: -0.009 min
Response: 419140
Conc: 3.52 ug/ml

Instrument :
FID_E
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TP03-MHM



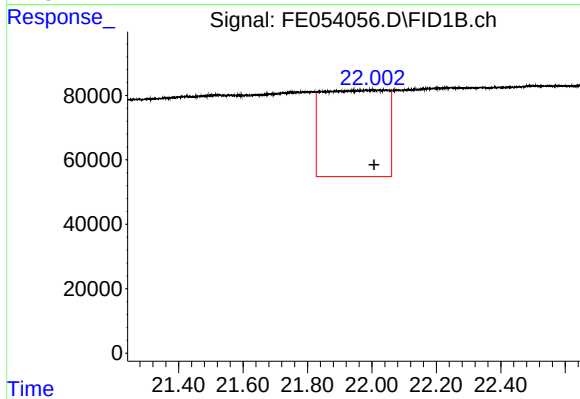
#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.010 min
Response: 942281
Conc: 8.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.007 min
Response: 1446271
Conc: 13.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: -0.025 min
Response: 3737296
Conc: 37.66 ug/ml