

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
 Data File : FE053364.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 11:09
 Operator : YP\AJ
 Sample : Q1784-01DL 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-01-41125DL

Integration File: autoint1.e
 Quant Time: Apr 15 11:41:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.894	424892	2.609 ug/ml
Spiked Amount 50.000		Recovery =	5.22%
12) S 1-chlorooctadecane (S...	13.341	464175	3.867 ug/ml
Spiked Amount 50.000		Recovery =	7.73%
Target Compounds			
1) T n-Nonane (C9)	3.234	130213	0.841 ug/ml
2) T n-Decane (C10)	4.495	997757	6.361 ug/ml
3) T A~Naphthalene (C11.7)	6.231	990400	5.896 ug/ml
4) T n-Dodecane (C12)	6.678	3121805	19.961 ug/ml
5) T A~2-methylnaphthalene...	7.316	1234968	7.740 ug/ml
6) T n-Tetradecane (C14)	8.515	1545249	10.092 ug/ml
7) T n-Hexadecane (C16)	10.130	460247	2.986 ug/ml
8) T n-Octadecane (C18)	11.579	197725	1.304 ug/ml
10) T n-Eicosane (C20)	12.894	189709	1.331 ug/ml
11) T n-Heneicosane (C21)	13.508	113335	0.817 ug/ml
13) T n-Docosane (C22)	14.097	49652	0.363 ug/ml
14) T n-Tetracosane (C24)	15.188	384267	2.845 ug/ml
16) T n-Octacosane (C28)	17.200	119279	0.904 ug/ml
17) T n-Tricontane (C30)	18.072	220175	1.624 ug/ml
18) T n-Dotriacontane (C32)	18.909	234420	1.742 ug/ml
19) T n-Tetratriacontane (C34)	19.694	206181	1.593 ug/ml
20) T n-Hexatriacontane (C36)	20.437	222685	1.875 ug/ml
21) T n-Octatriacontane (C38)	21.178	195750	1.703 ug/ml
22) T n-Tetracontane (C40)	22.101	236790	2.108 ug/ml

(f)=RT Delta > 1/2 Window

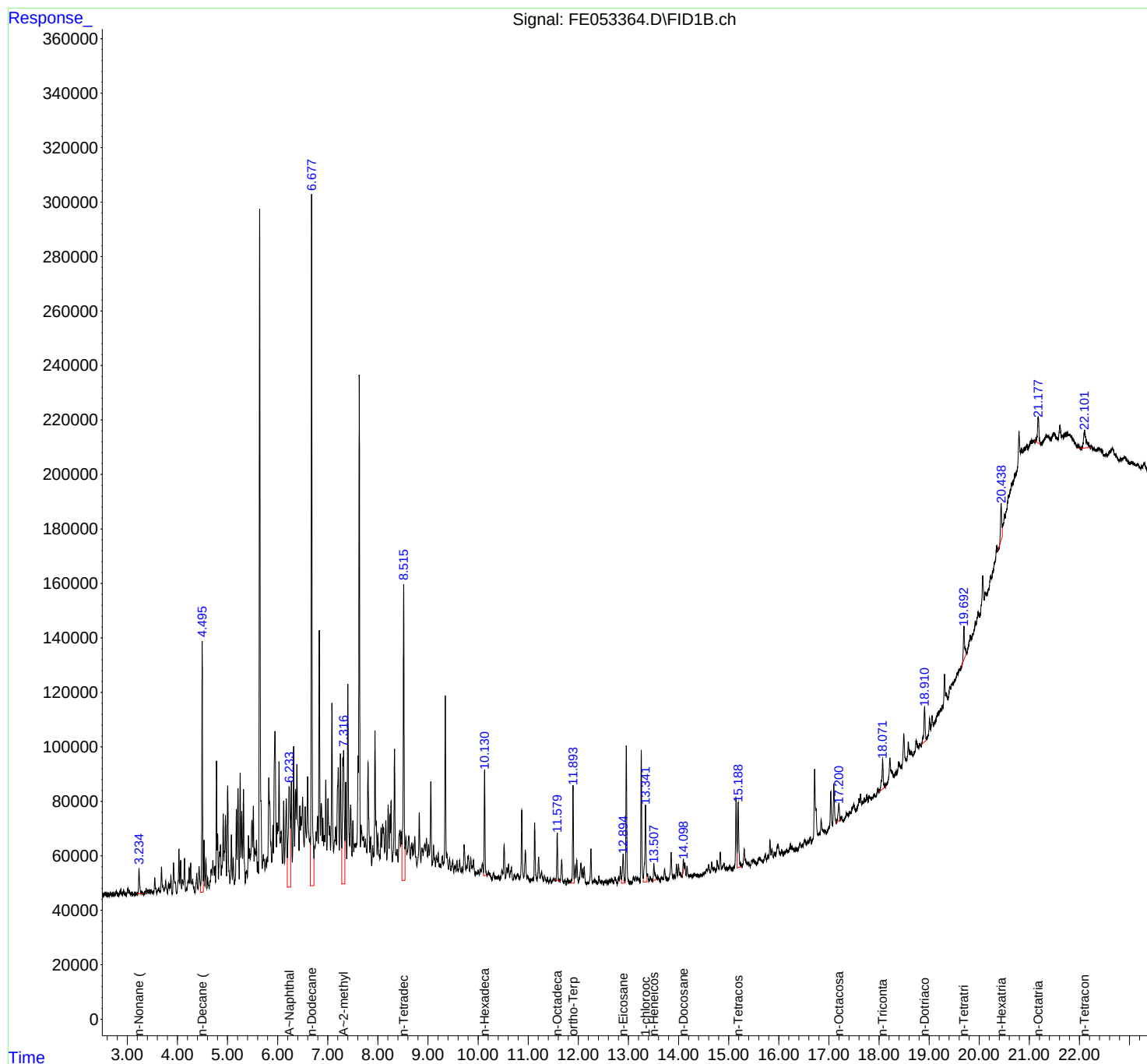
(m)=manual int.

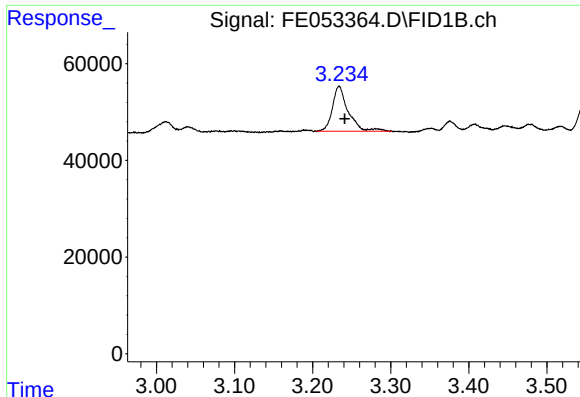
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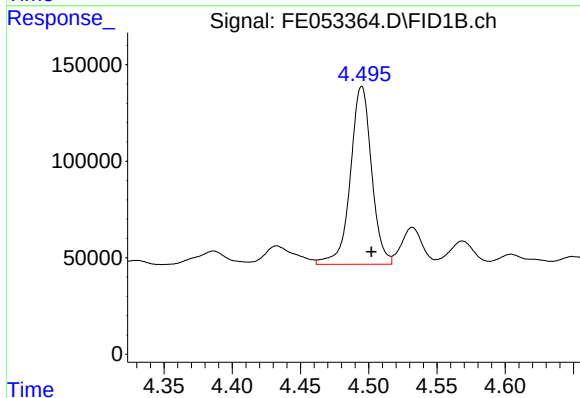




#1 n-Nonane (C9)

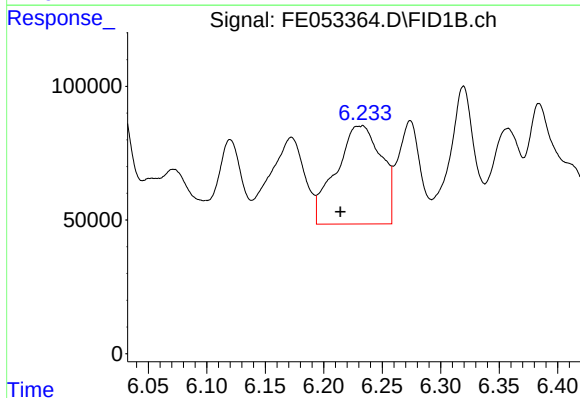
R.T.: 3.234 min
Delta R.T.: -0.007 min
Response: 130213
Conc: 0.84 ug/ml

Instrument :
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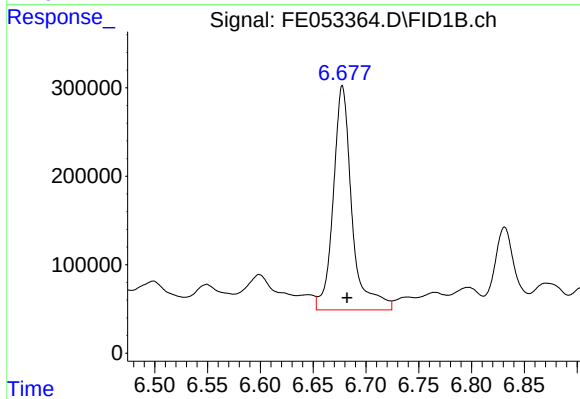
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.007 min
Response: 997757
Conc: 6.36 ug/ml



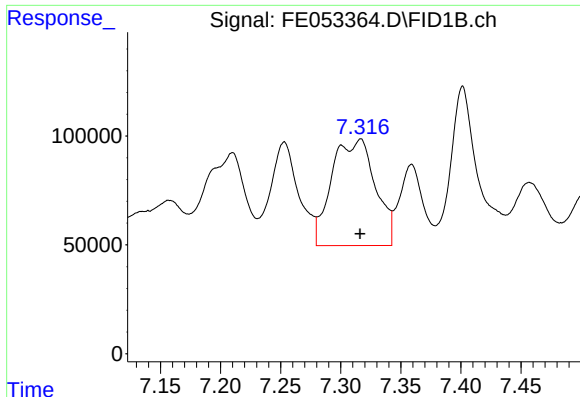
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.017 min
Response: 990400
Conc: 5.90 ug/ml



#4 n-Dodecane (C12)

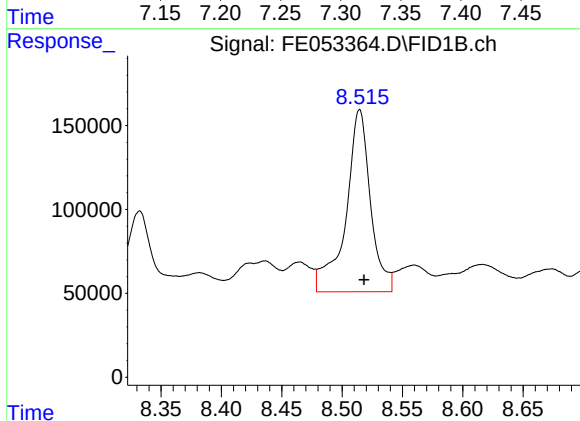
R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 3121805
Conc: 19.96 ug/ml



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

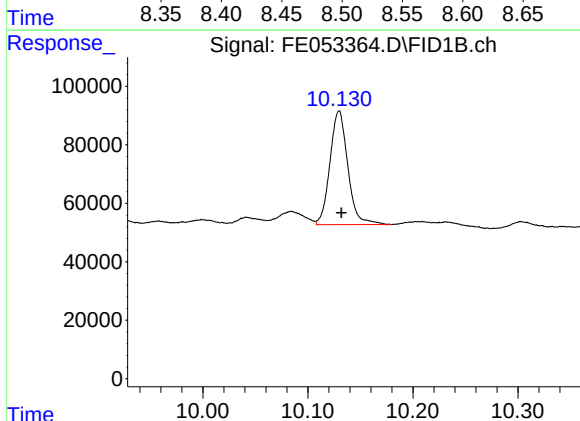
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 1234968
Conc: 7.74 ug/ml

Instrument :
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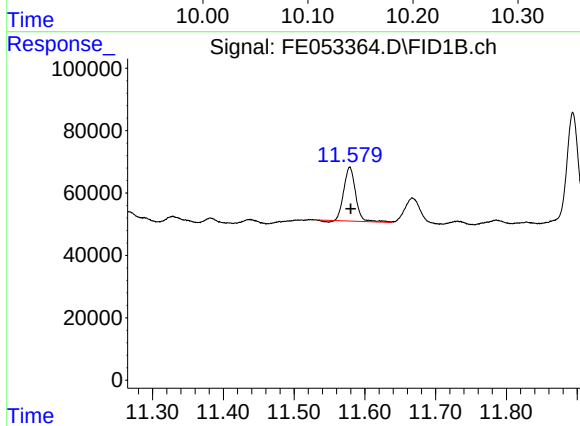
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 1545249
Conc: 10.09 ug/ml



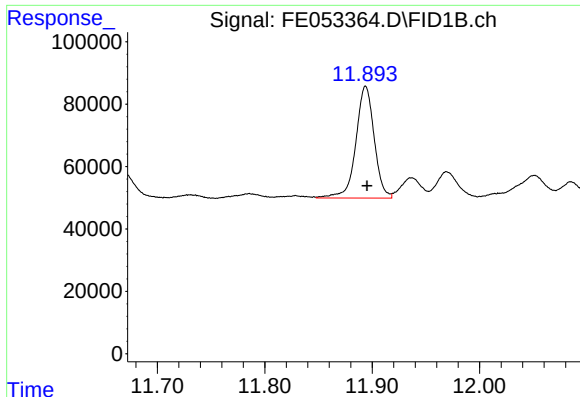
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 460247
Conc: 2.99 ug/ml



#8 n-Octadecane (C18)

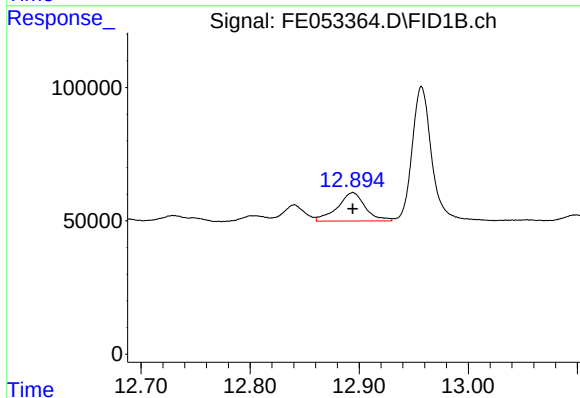
R.T.: 11.579 min
Delta R.T.: -0.002 min
Response: 197725
Conc: 1.30 ug/ml



#9 ortho-Terphenyl (SURR)

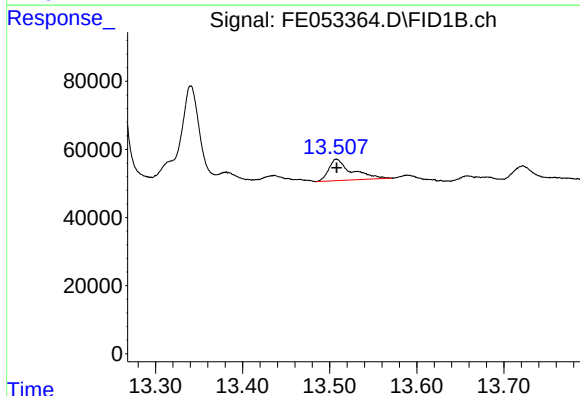
R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 424892
Conc: 2.61 ug/ml

Instrument :
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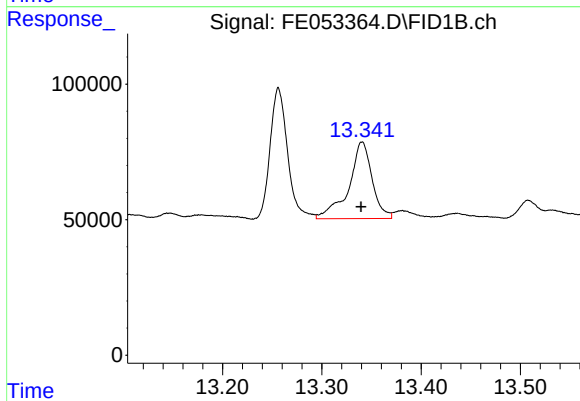
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 189709
Conc: 1.33 ug/ml



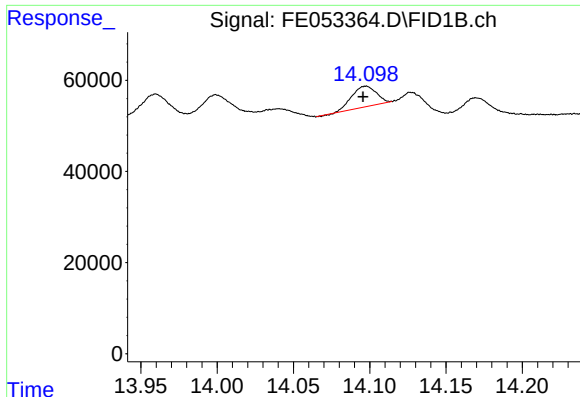
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 113335
Conc: 0.82 ug/ml



#12 1-chlorooctadecane (SURR)

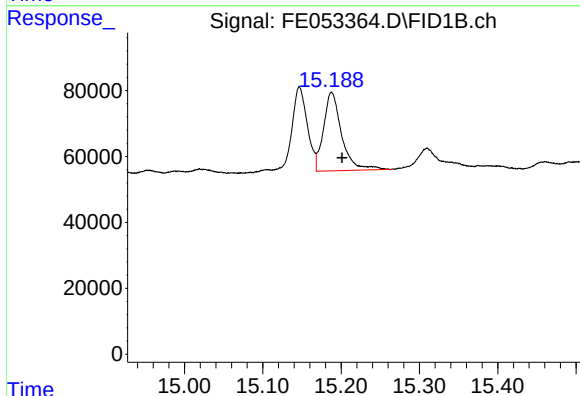
R.T.: 13.341 min
Delta R.T.: 0.000 min
Response: 464175
Conc: 3.87 ug/ml



#13 n-Docosane (C22)

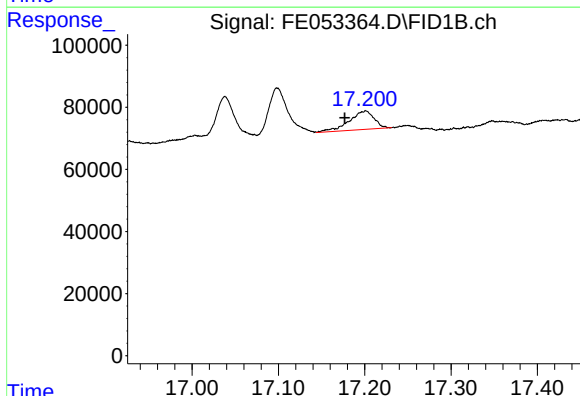
R.T.: 14.097 min
Delta R.T.: 0.002 min
Response: 49652
Conc: 0.36 ug/ml

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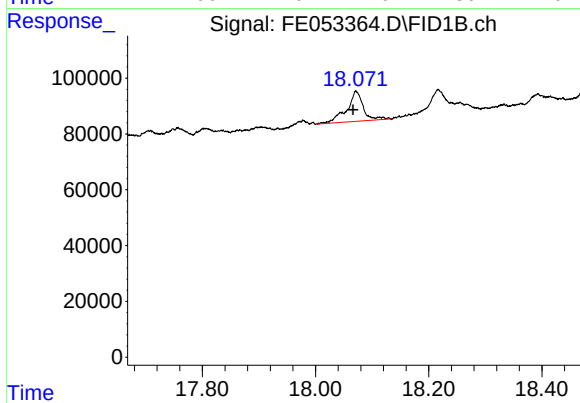
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.013 min
Response: 384267
Conc: 2.85 ug/ml



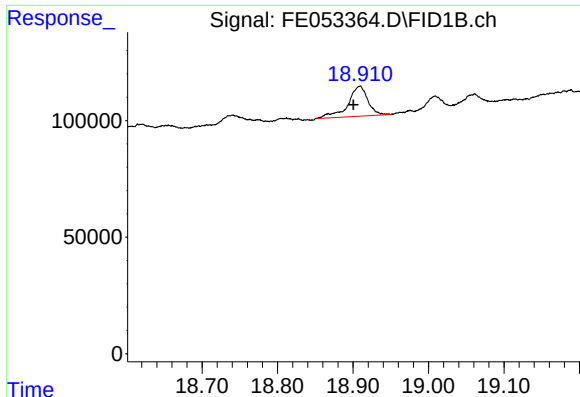
#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: 0.024 min
Response: 119279
Conc: 0.90 ug/ml



#17 n-Tricontane (C30)

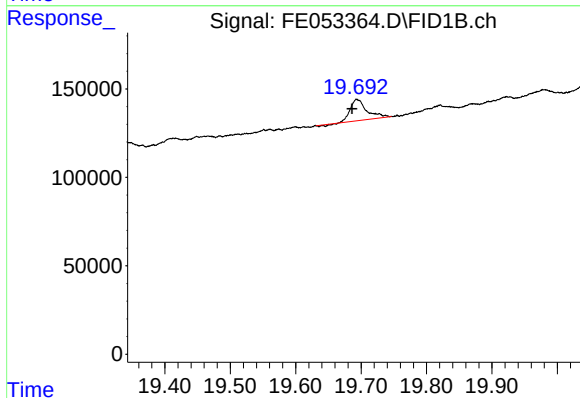
R.T.: 18.072 min
Delta R.T.: 0.006 min
Response: 220175
Conc: 1.62 ug/ml



#18 n-Dotriacontane (C32)

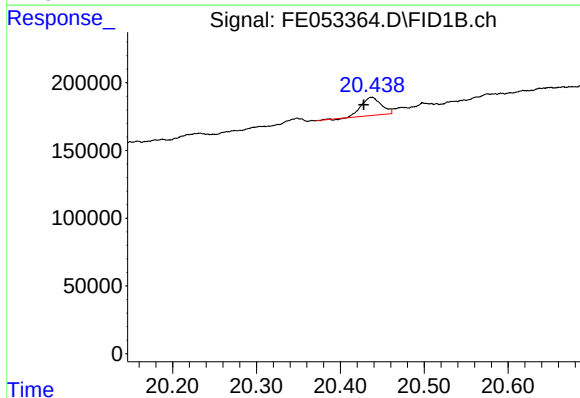
R.T.: 18.909 min
Delta R.T.: 0.008 min
Response: 234420
Conc: 1.74 ug/ml

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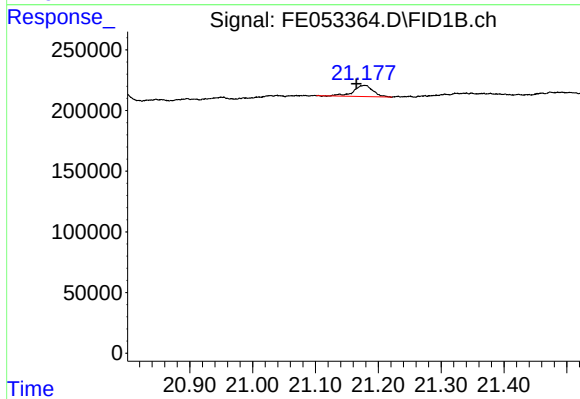
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.008 min
Response: 206181
Conc: 1.59 ug/ml



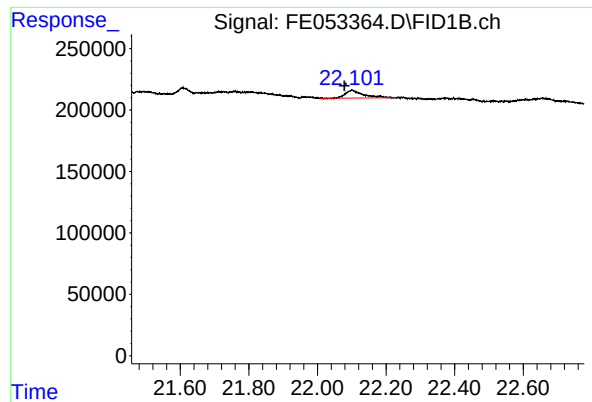
#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: 0.010 min
Response: 222685
Conc: 1.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.013 min
Response: 195750
Conc: 1.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: 0.022 min
Response: 236790
Conc: 2.11 ug/ml

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