

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE054004.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 17:20
 Operator : YP\AJ
 Sample : Q2112-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-03-05222025-E2

Integration File: autoint1.e
 Quant Time: May 23 22:59:51 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)	11.847	8889993	54.704 ug/ml
Spiked Amount 50.000		Recovery =	109.41%
12) S 1-chlorooctadecane (S...	13.292	8211926	69.270 ug/ml
Spiked Amount 50.000		Recovery =	138.54%
Target Compounds			
1) T n-Nonane (C9)	3.191	204771	1.515 ug/ml
2) T n-Decane (C10)	4.453	1485073	10.990 ug/ml
3) T A~Naphthalene (C11.7)	6.192	2215871	15.419 ug/ml
4) T n-Dodecane (C12)	6.638	9313776	68.280 ug/ml
5) T A~2-methylnaphthalene...	7.261	4380133	31.578 ug/ml
6) T n-Tetradecane (C14)	8.475	10976402	81.338 ug/ml
7) T n-Hexadecane (C16)	10.084	4674284	34.641 ug/ml
8) T n-Octadecane (C18)	11.530	1225885	9.104 ug/ml
10) T n-Eicosane (C20)	12.842	714708	5.438 ug/ml
11) T n-Heneicosane (C21)	13.456	469690	3.623 ug/ml
13) T n-Docosane (C22)	14.043	526880	4.130 ug/ml
14) T n-Tetracosane (C24)	15.145	480525	3.841 ug/ml
15) T n-Hexacosane (C26)	16.175	265301	2.167 ug/ml
16) T n-Octacosane (C28)	17.132	671062	5.520 ug/ml
17) T n-Tricontane (C30)	18.015	943532	7.575 ug/ml
18) T n-Dotriacontane (C32)	18.852	791553	6.330 ug/ml
19) T n-Tetratriacontane (C34)	19.644	925650	7.771 ug/ml
20) T n-Hexatriacontane (C36)	20.386	614817	5.310 ug/ml
21) T n-Octatriacontane (C38)	21.127	481242	4.422 ug/ml
22) T n-Tetracontane (C40)	22.026	589447	5.940 ug/ml

(f)=RT Delta > 1/2 Window

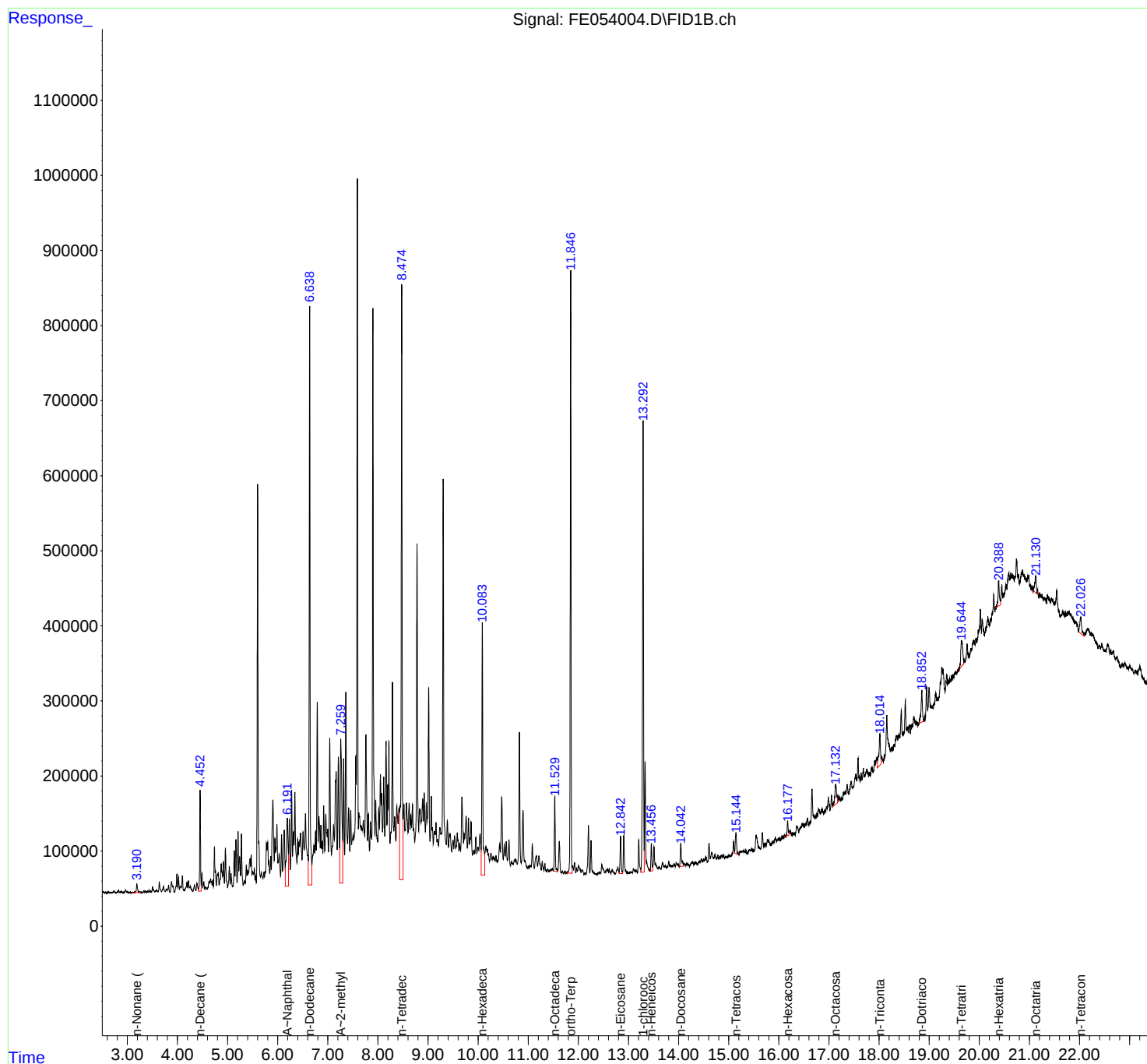
(m)=manual int.

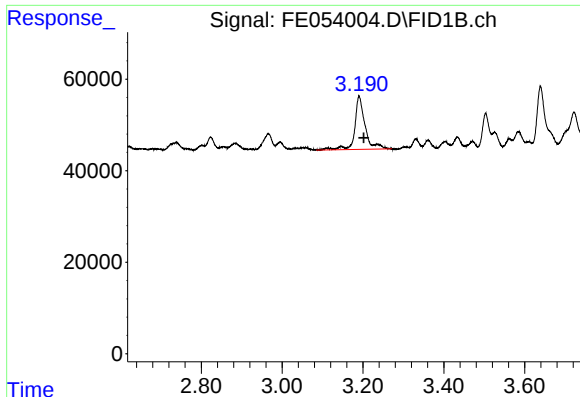
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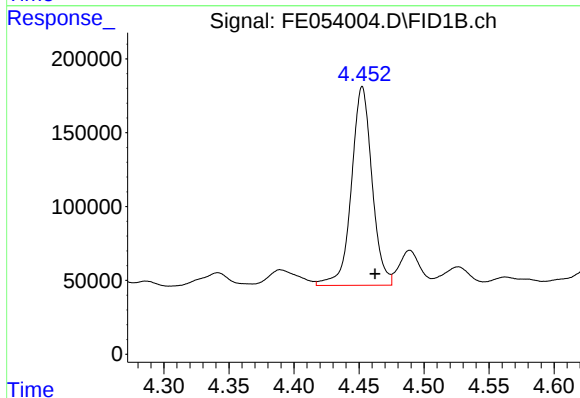




#1 n-Nonane (C9)

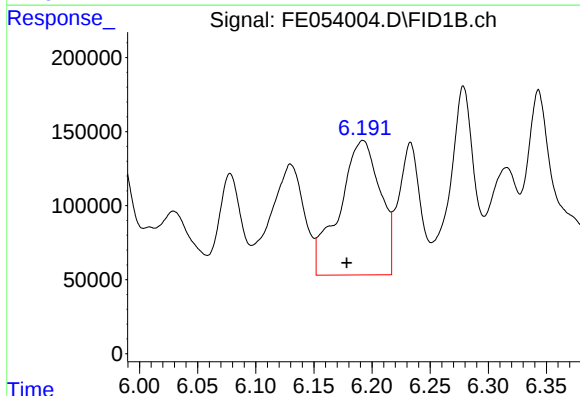
R.T.: 3.191 min
Delta R.T.: -0.011 min
Response: 204771
Conc: 1.52 ug/ml

Instrument :
FID_E
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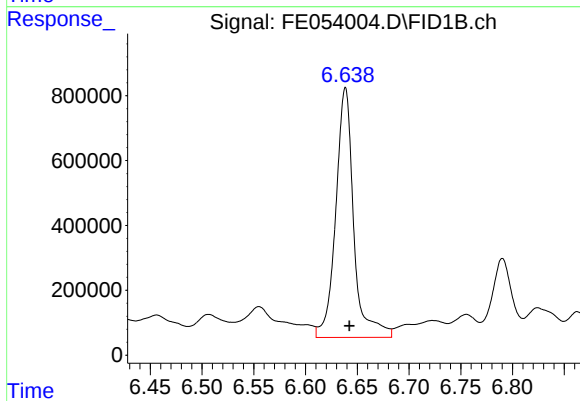
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.010 min
Response: 1485073
Conc: 10.99 ug/ml



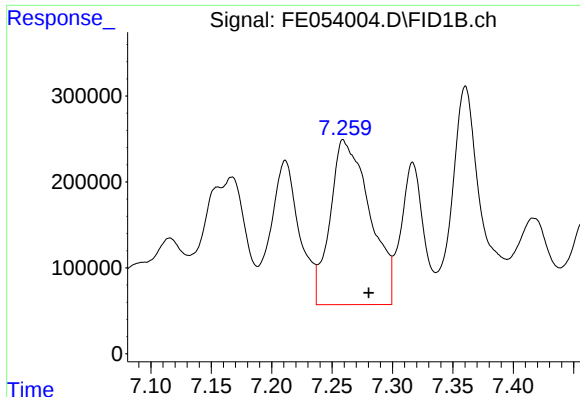
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: 0.014 min
Response: 2215871
Conc: 15.42 ug/ml



#4 n-Dodecane (C12)

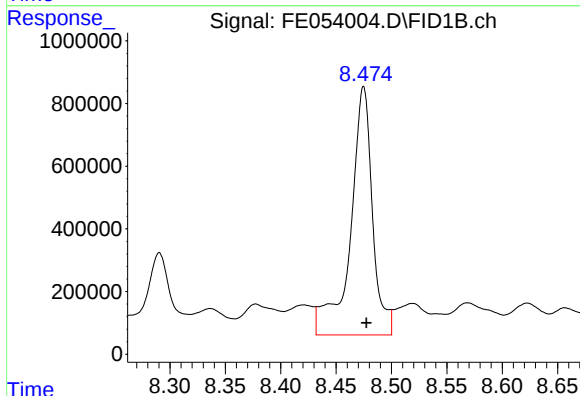
R.T.: 6.638 min
Delta R.T.: -0.004 min
Response: 9313776
Conc: 68.28 ug/ml



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

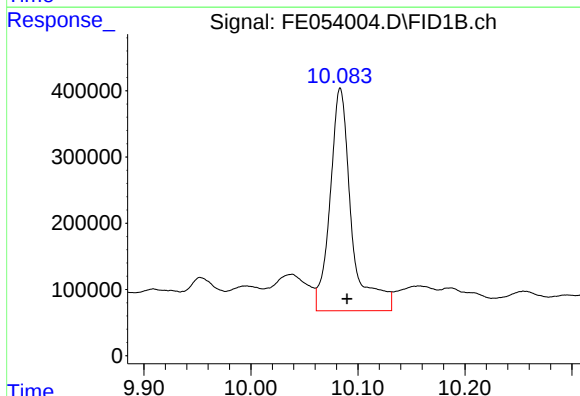
R.T.: 7.261 min
Delta R.T.: -0.020 min
Response: 4380133
Conc: 31.58 ug/ml

Instrument :
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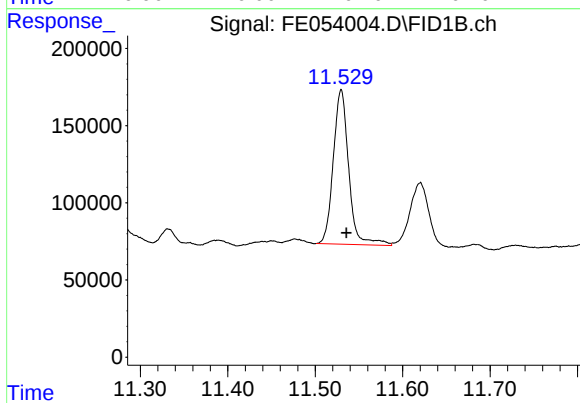
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.003 min
Response: 10976402
Conc: 81.34 ug/ml



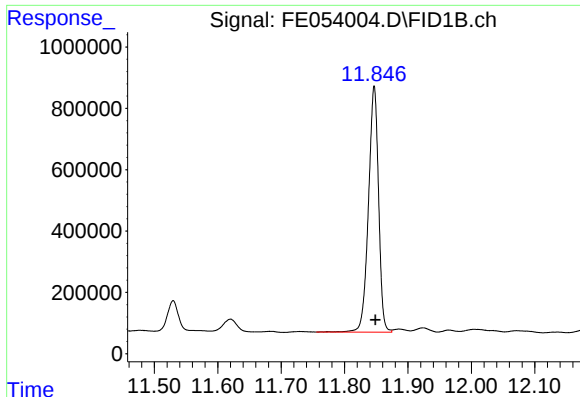
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.006 min
Response: 4674284
Conc: 34.64 ug/ml



#8 n-Octadecane (C18)

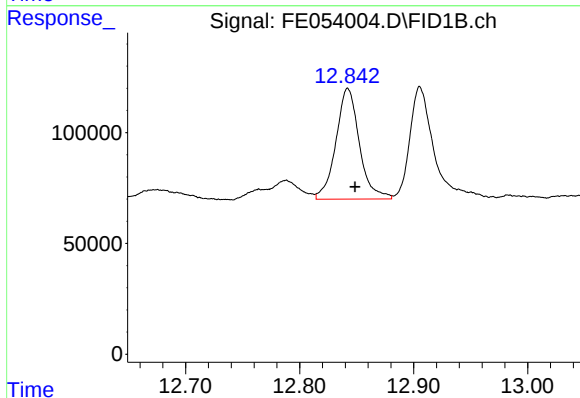
R.T.: 11.530 min
Delta R.T.: -0.006 min
Response: 1225885
Conc: 9.10 ug/ml



#9 ortho-Terphenyl (SURR)

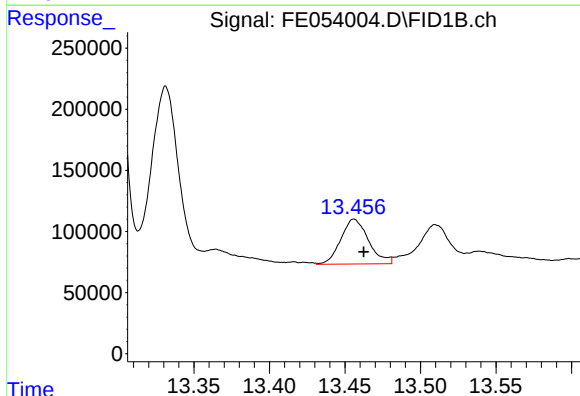
R.T.: 11.847 min
Delta R.T.: -0.002 min
Response: 8889993
Conc: 54.70 ug/ml

Instrument :
FID_E
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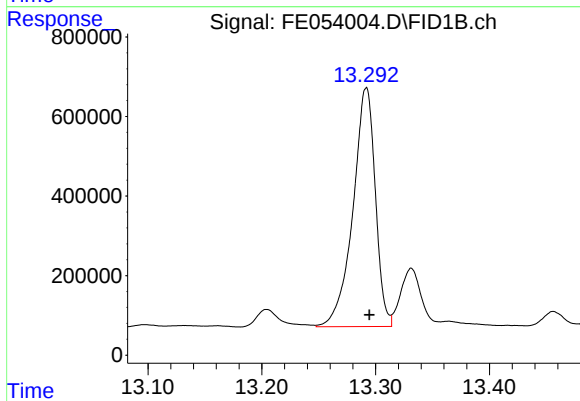
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.006 min
Response: 714708
Conc: 5.44 ug/ml



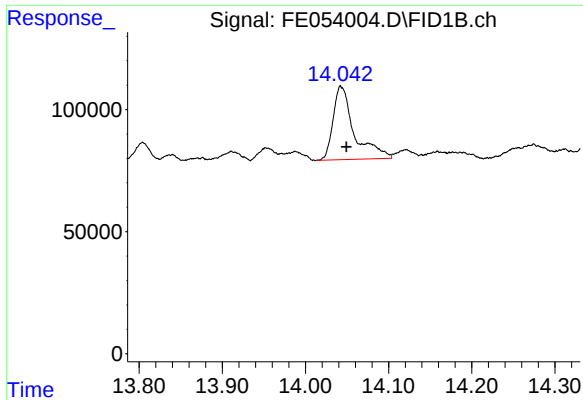
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.006 min
Response: 469690
Conc: 3.62 ug/ml



#12 1-chlorooctadecane (SURR)

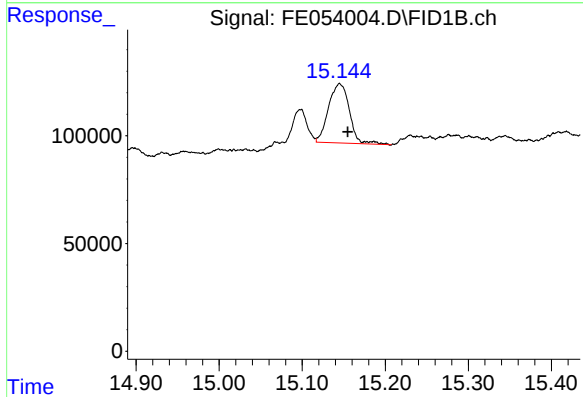
R.T.: 13.292 min
Delta R.T.: -0.003 min
Response: 8211926
Conc: 69.27 ug/ml



#13 n-Docosane (C22)

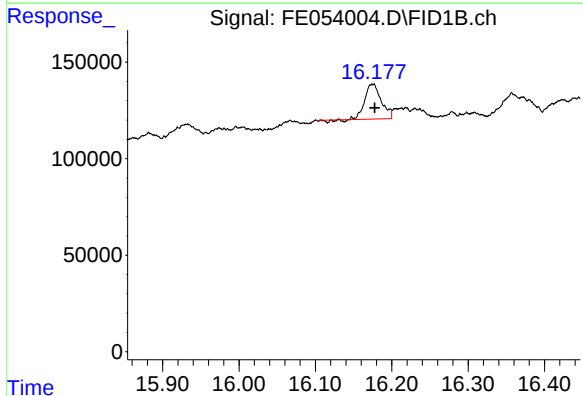
R.T.: 14.043 min
Delta R.T.: -0.006 min
Response: 526880
Conc: 4.13 ug/ml

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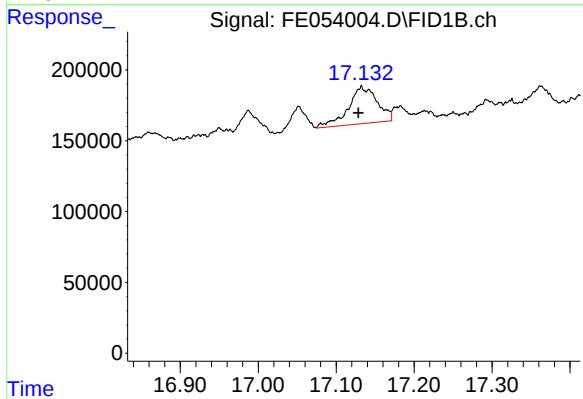
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.010 min
Response: 480525
Conc: 3.84 ug/ml



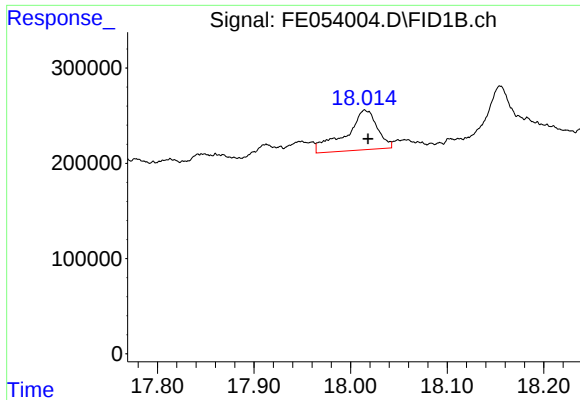
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.003 min
Response: 265301
Conc: 2.17 ug/ml



#16 n-Octacosane (C28)

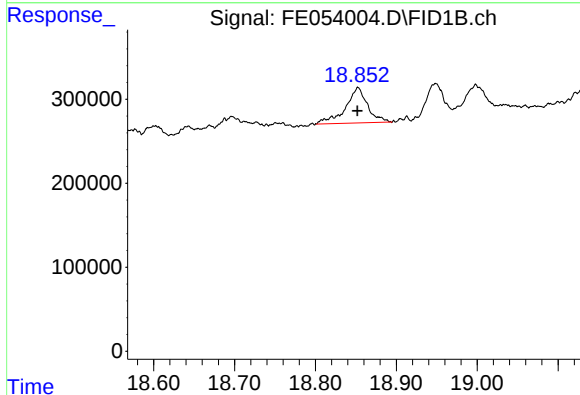
R.T.: 17.132 min
Delta R.T.: 0.003 min
Response: 671062
Conc: 5.52 ug/ml



#17 n-Tricontane (C30)

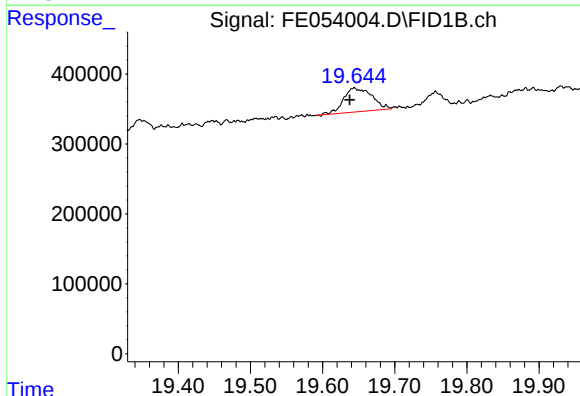
R.T.: 18.015 min
Delta R.T.: -0.002 min
Response: 943532
Conc: 7.57 ug/ml

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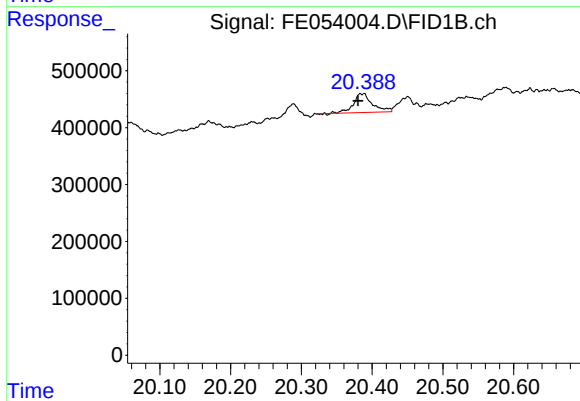
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 791553
Conc: 6.33 ug/ml



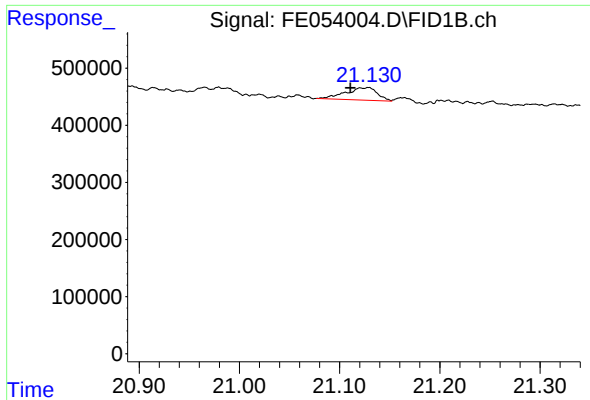
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.006 min
Response: 925650
Conc: 7.77 ug/ml



#20 n-Hexatriacontane (C36)

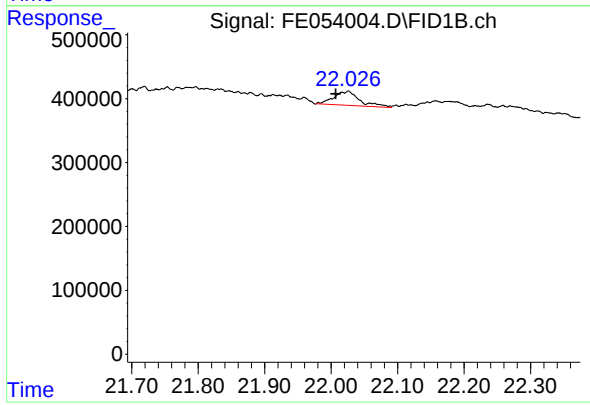
R.T.: 20.386 min
Delta R.T.: 0.006 min
Response: 614817
Conc: 5.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: 0.016 min
Response: 481242
Conc: 4.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: 0.019 min
Response: 589447
Conc: 5.94 ug/ml