

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082125AL\
 Data File : FE055440.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2025 21:49
 Operator : YP\AJ
 Sample : Q2917-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-082025

Integration File: sample.E
 Quant Time: Aug 22 01:23:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.083	4844552	33.925 ug/ml
Spiked Amount 50.000		Recovery =	67.85%
12) S 1-chlorooctadecane (S...	13.520	4174880	38.827 ug/ml
Spiked Amount 50.000		Recovery =	77.65%
Target Compounds			
1) T n-Nonane (C9)	3.414	10688	0.093 ug/ml
2) T n-Decane (C10)	4.672	8375	0.072 ug/ml
3) T A~Naphthalene (C11.7)	6.396	51436	0.383 ug/ml
4) T n-Dodecane (C12)	6.852	14465	0.121 ug/ml
5) T A~2-methylnaphthalene...	7.497	58632	0.450 ug/ml
6) T n-Tetradecane (C14)	8.679	76077	0.620 ug/ml
7) T n-Hexadecane (C16)	10.326	111999	0.876 ug/ml
8) T n-Octadecane (C18)	11.752	57930	0.444 ug/ml
10) T n-Eicosane (C20)	13.065	205908	1.641 ug/ml
11) T n-Heneicosane (C21)	13.685	41822	0.339 ug/ml
13) T n-Docosane (C22)	14.272	163242	1.337 ug/ml
14) T n-Tetracosane (C24)	15.375	1062091	8.732 ug/ml
15) T n-Hexacosane (C26)	16.403	184544	1.542 ug/ml
16) T n-Octacosane (C28)	17.356	438130	3.693 ug/ml
17) T n-Tricontane (C30)	18.248	2055294	16.703 ug/ml
18) T n-Dotriacontane (C32)	19.079	1520726	12.464 ug/ml
19) T n-Tetratriacontane (C34)	19.864	2055827	17.583 ug/ml
20) T n-Hexatriacontane (C36)	20.606	4798327	43.901 ug/ml
21) T n-Octatriacontane (C38)	21.321f	15159054	140.270 ug/ml

(f)=RT Delta > 1/2 Window

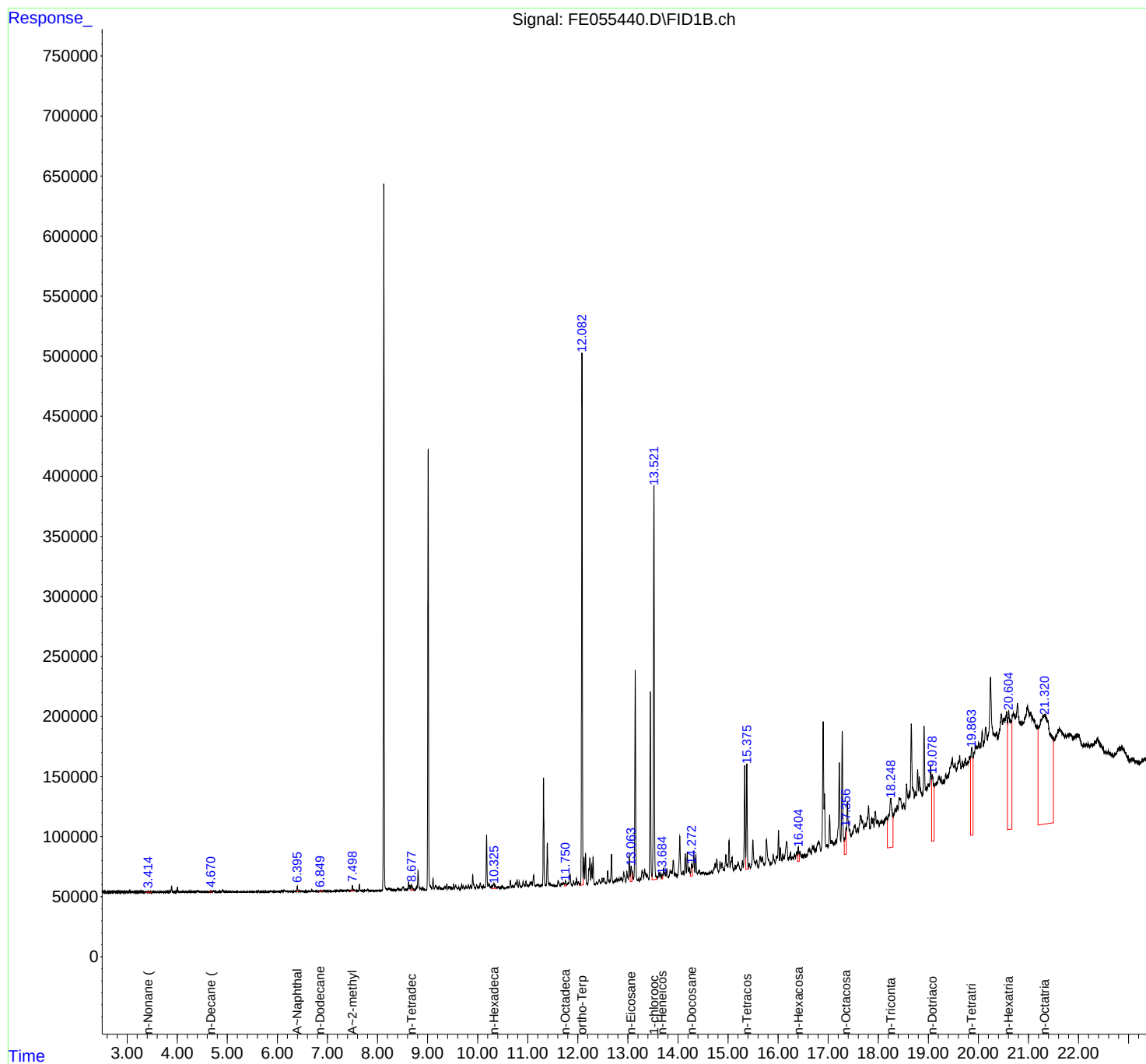
(m)=manual int.

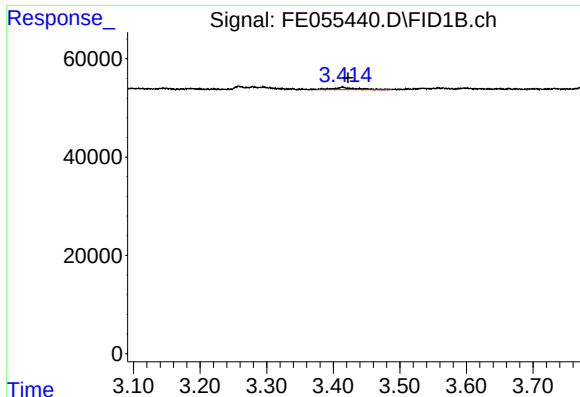
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#1 n-Nonane (C9)

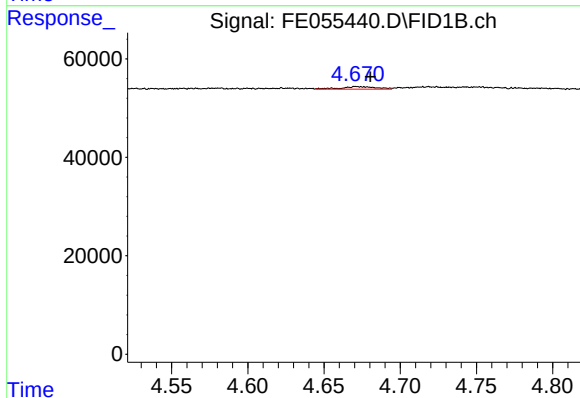
R.T.: 3.414 min
Delta R.T.: -0.008 min
Response: 10688
Conc: 0.09 ug/ml

Instrument :

FID_E

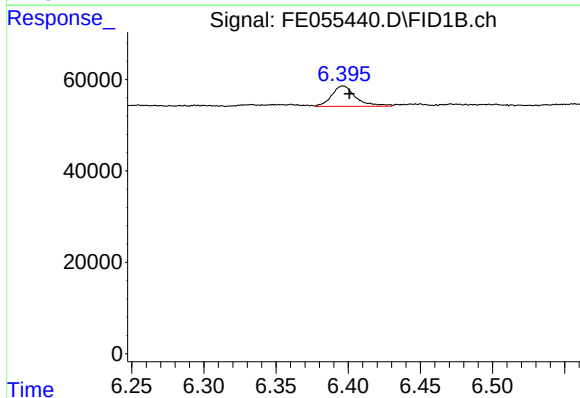
ClientSampleId :

OR-02-082025



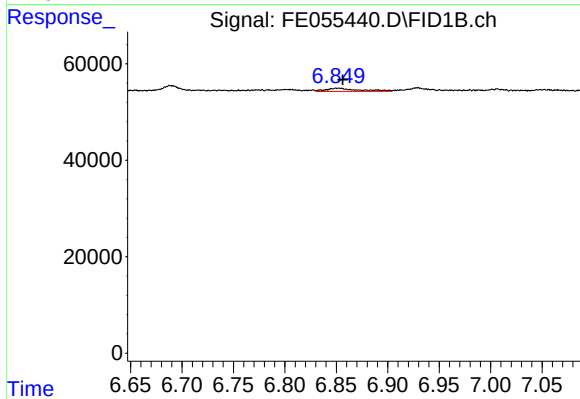
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: -0.008 min
Response: 8375
Conc: 0.07 ug/ml



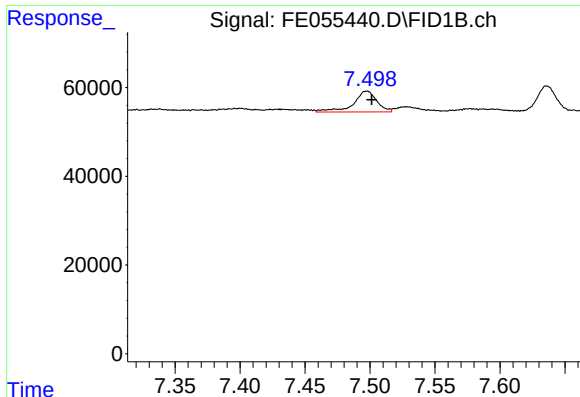
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.004 min
Response: 51436
Conc: 0.38 ug/ml



#4 n-Dodecane (C12)

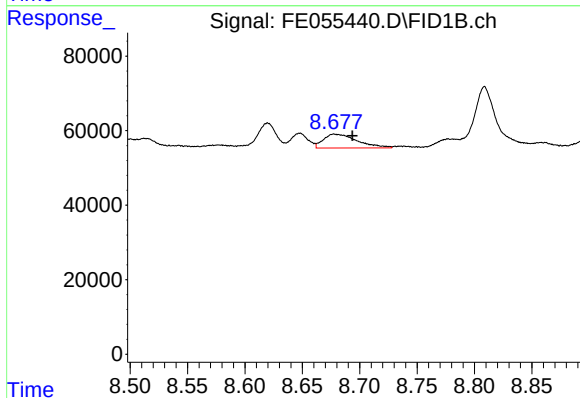
R.T.: 6.852 min
Delta R.T.: -0.005 min
Response: 14465
Conc: 0.12 ug/ml



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

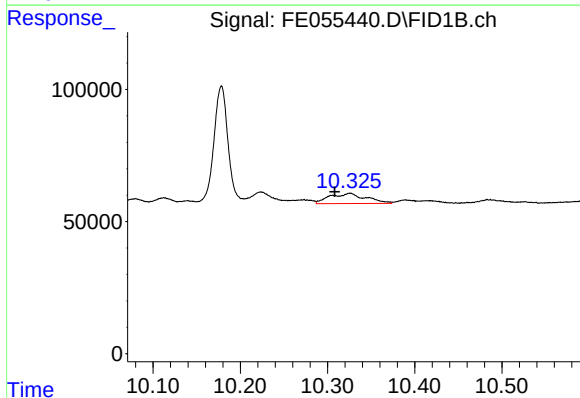
R.T.: 7.497 min
Delta R.T.: -0.004 min
Response: 58632
Conc: 0.45 ug/ml

Instrument :
FID_E
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OR-02-082025



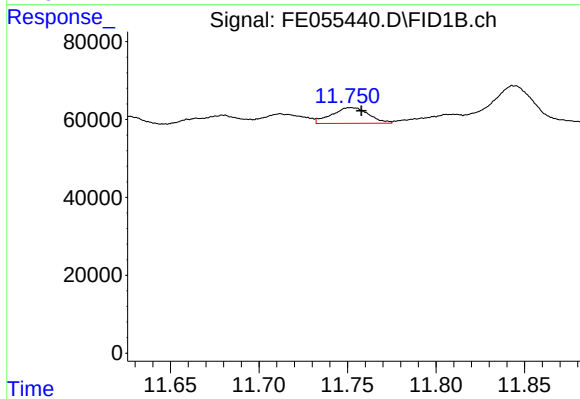
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: -0.014 min
Response: 76077
Conc: 0.62 ug/ml



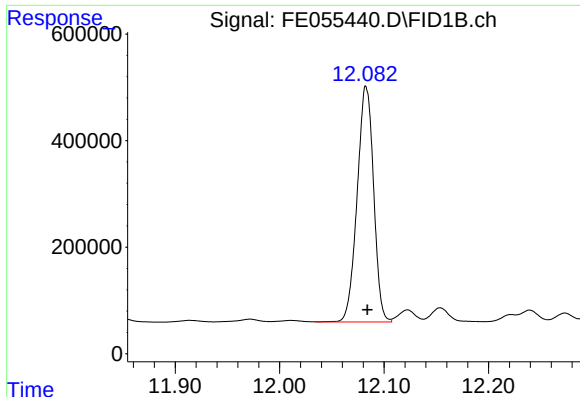
#7 n-Hexadecane (C16)

R.T.: 10.326 min
Delta R.T.: 0.017 min
Response: 111999
Conc: 0.88 ug/ml



#8 n-Octadecane (C18)

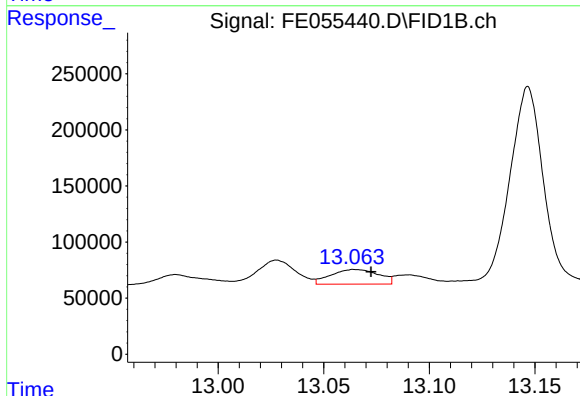
R.T.: 11.752 min
Delta R.T.: -0.006 min
Response: 57930
Conc: 0.44 ug/ml



#9 ortho-Terphenyl (SURR)

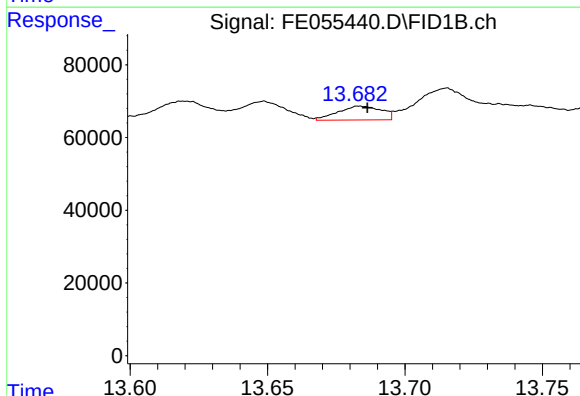
R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 4844552
Conc: 33.92 ug/ml

Instrument :
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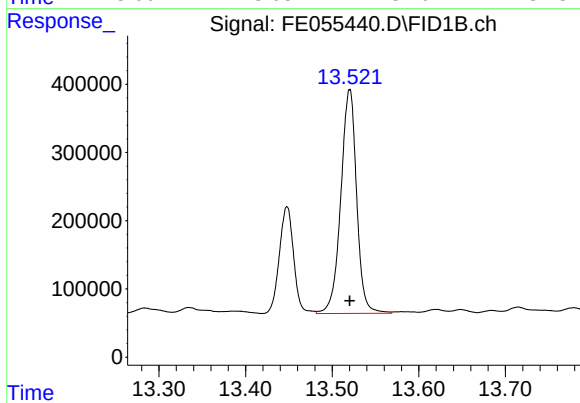
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.007 min
Response: 205908
Conc: 1.64 ug/ml



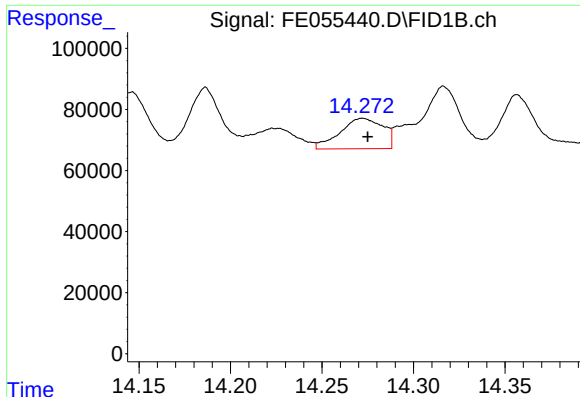
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 41822
Conc: 0.34 ug/ml



#12 1-chlorooctadecane (SURR)

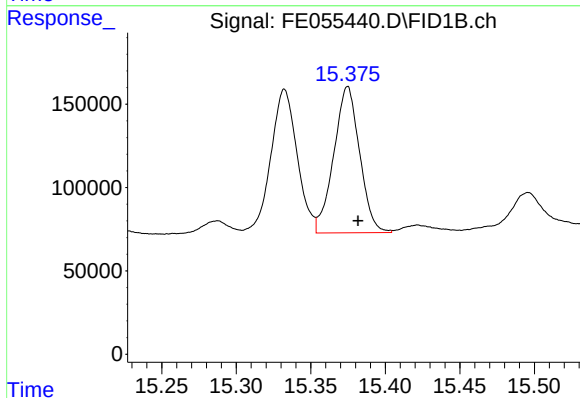
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 4174880
Conc: 38.83 ug/ml



#13 n-Docosane (C22)

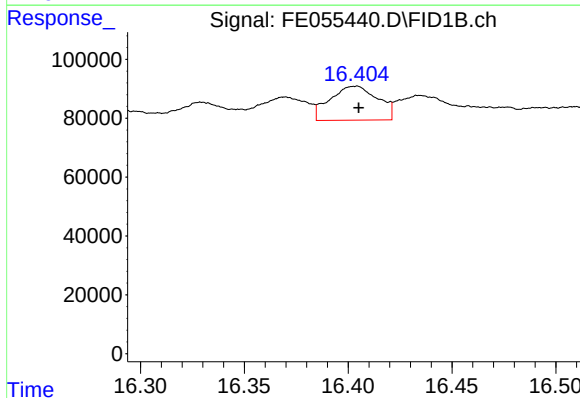
R.T.: 14.272 min
Delta R.T.: -0.003 min
Response: 163242
Conc: 1.34 ug/ml

Instrument :
FID_E
ClientSampleId :
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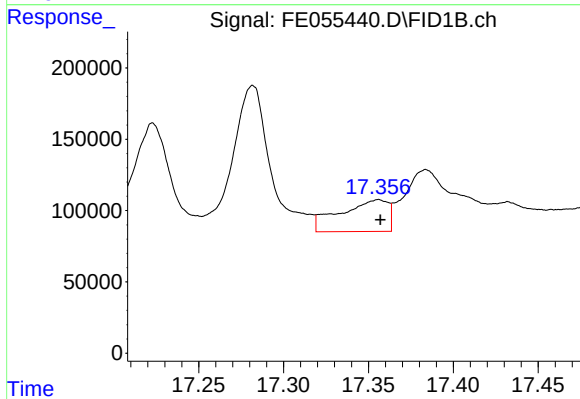
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: -0.007 min
Response: 1062091
Conc: 8.73 ug/ml



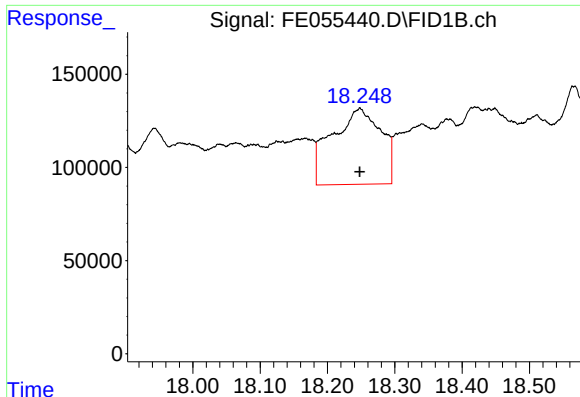
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 184544
Conc: 1.54 ug/ml



#16 n-Octacosane (C28)

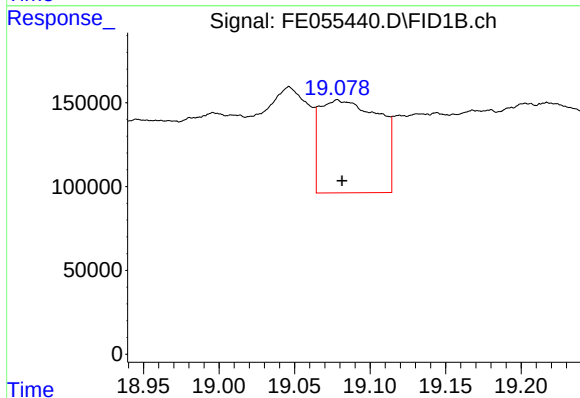
R.T.: 17.356 min
Delta R.T.: -0.001 min
Response: 438130
Conc: 3.69 ug/ml



#17 n-Tricontane (C30)

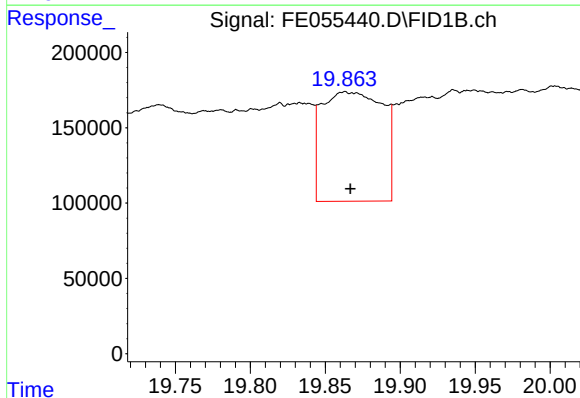
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 2055294
Conc: 16.70 ug/ml

Instrument :
FID_E
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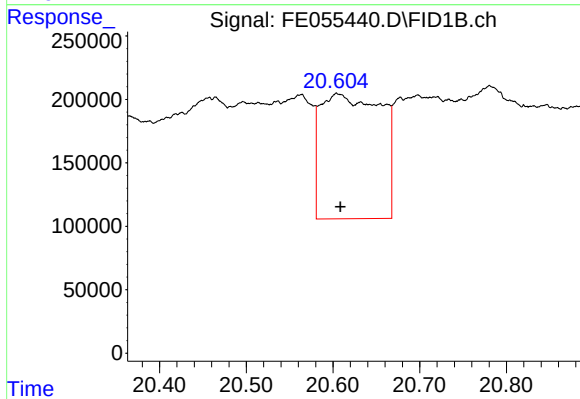
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.003 min
Response: 1520726
Conc: 12.46 ug/ml



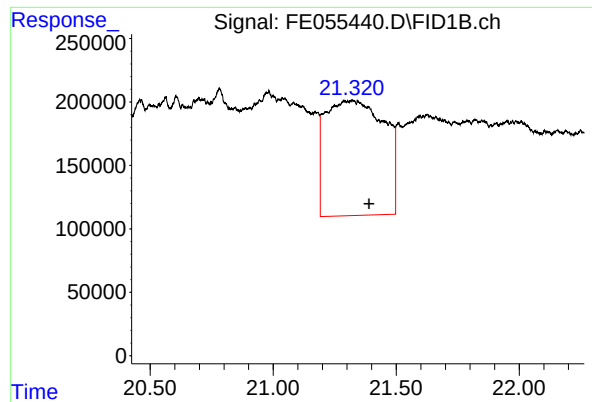
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.002 min
Response: 2055827
Conc: 17.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: -0.003 min
Response: 4798327
Conc: 43.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.321 min
Delta R.T.: -0.068 min
Response: 15159054
Conc: 140.27 ug/ml

Instrument :

FID_E

ClientSampleId :

OR-02-082025