

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041824AL\
 Data File : FE047685.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2024 17:32
 Operator : YP\AJ
 Sample : PB160354BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160354BSD

Integration File: autoint1.e
 Quant Time: Apr 19 01:22:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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			
12) S 1-chlorooctadecane (S...	13.412	4849751	36.059 ug/ml
Spiked Amount 50.000		Recovery =	72.12%
Target Compounds			
1) T n-Nonane (C9)	3.359	3379222	21.600 ug/ml
2) T n-Decane (C10)	4.612	4134345	25.724 ug/ml
4) T n-Dodecane (C12)	6.778	4738237	29.193 ug/ml
6) T n-Tetradecane (C14)	8.607	4996810	31.061 ug/ml
7) T n-Hexadecane (C16)	10.215	5393914	32.478 ug/ml
8) T n-Octadecane (C18)	11.658	5948261	35.470 ug/ml
10) T n-Eicosane (C20)	12.968	6462108	39.889 ug/ml
11) T n-Heneicosane (C21)	13.580	6331988	39.905 ug/ml
13) T n-Docosane (C22)	14.166	6339668	39.504 ug/ml
14) T n-Tetracosane (C24)	15.269	6288278	38.096 ug/ml
15) T n-Hexacosane (C26)	16.289	6260879	37.877 ug/ml
16) T n-Octacosane (C28)	17.238	6228181	37.583 ug/ml
17) T n-Tricontane (C30)	18.126	6338713	37.336 ug/ml
18) T n-Dotriacontane (C32)	18.958	6368473	38.192 ug/ml
19) T n-Tetratriacontane (C34)	19.740	6576021	41.001 ug/ml
20) T n-Hexatriacontane (C36)	20.479	6684622	41.910 ug/ml
21) T n-Octatriacontane (C38)	21.223	6865495	42.243 ug/ml
22) T n-Tetracontane (C40)	22.154	6814585	41.622 ug/ml

(f)=RT Delta > 1/2 Window

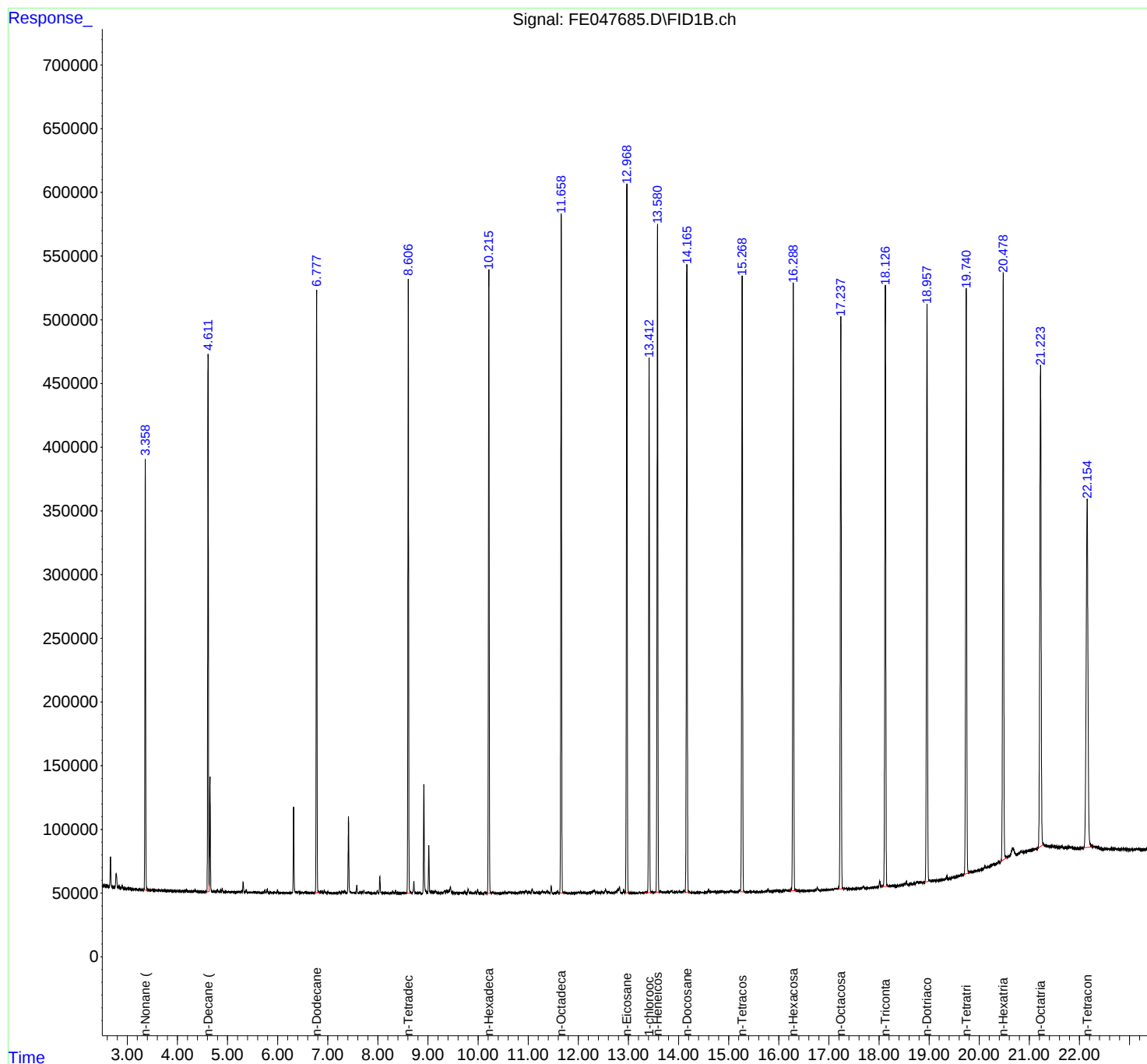
(m)=manual int.

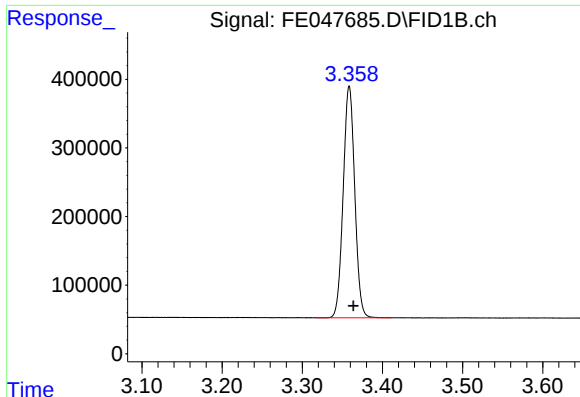
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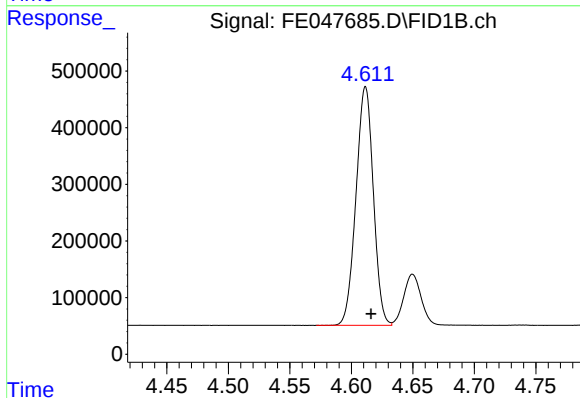




#1 n-Nonane (C9)

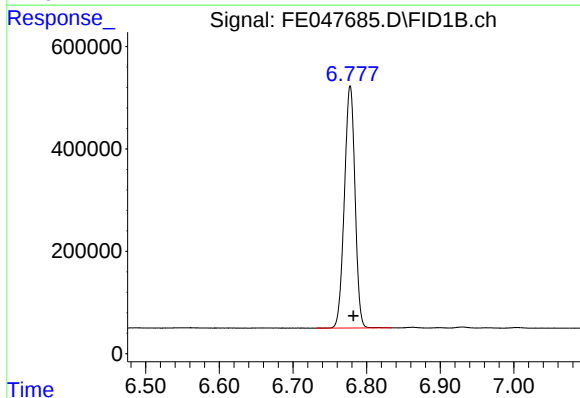
R.T.: 3.359 min
Delta R.T.: -0.005 min
Response: 3379222
Conc: 21.60 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160354BSD



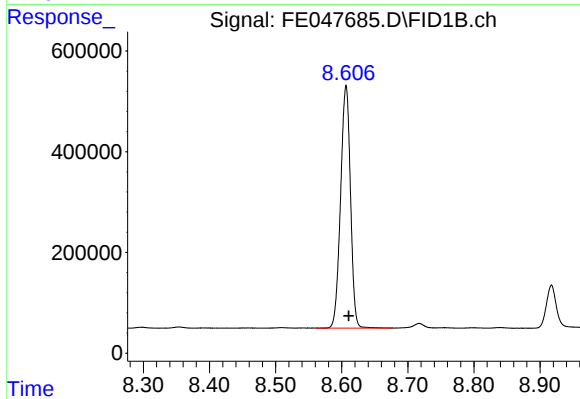
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.005 min
Response: 4134345
Conc: 25.72 ug/ml



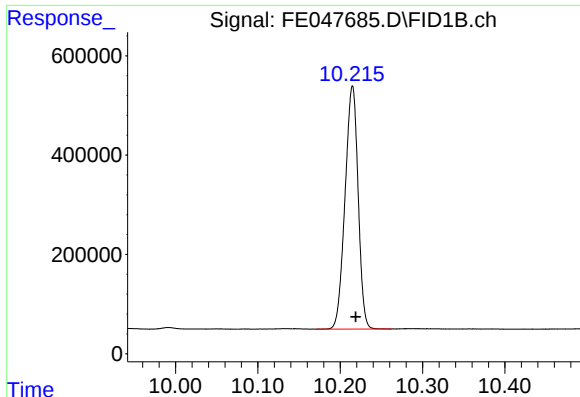
#4 n-Dodecane (C12)

R.T.: 6.778 min
Delta R.T.: -0.004 min
Response: 4738237
Conc: 29.19 ug/ml



#6 n-Tetradecane (C14)

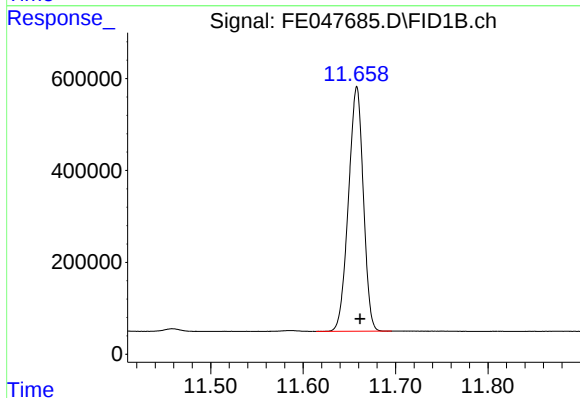
R.T.: 8.607 min
Delta R.T.: -0.004 min
Response: 4996810
Conc: 31.06 ug/ml



#7 n-Hexadecane (C16)

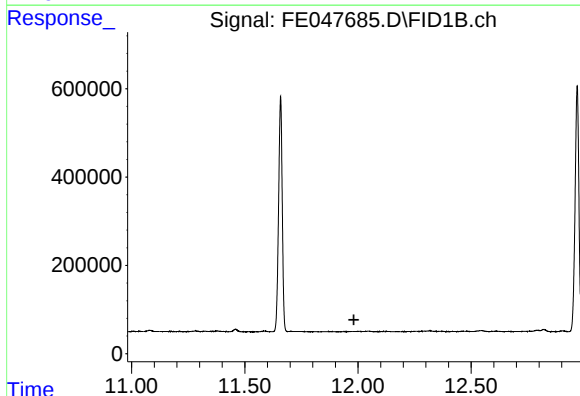
R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 5393914
Conc: 32.48 ug/ml

Instrument :
FID_E
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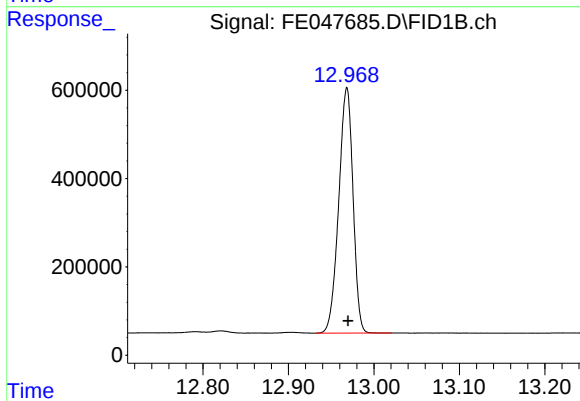
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: -0.003 min
Response: 5948261
Conc: 35.47 ug/ml



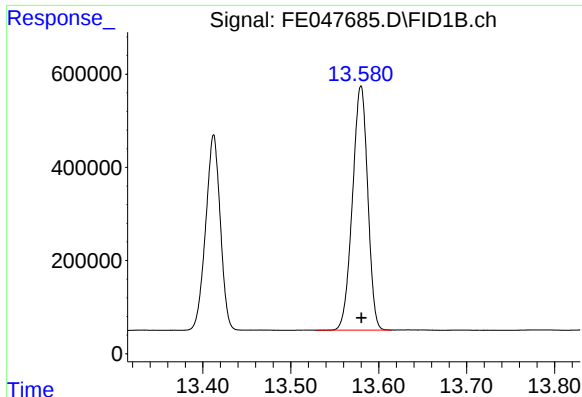
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.982 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

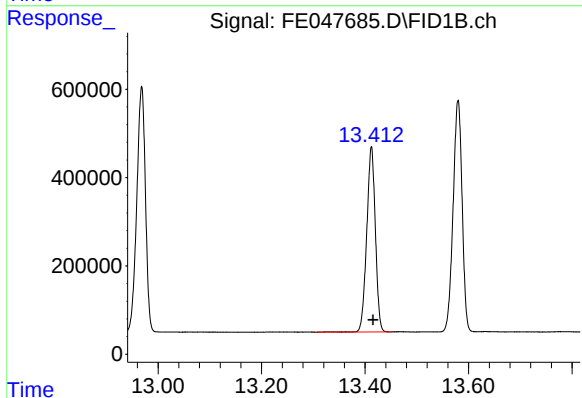
R.T.: 12.968 min
Delta R.T.: -0.001 min
Response: 6462108
Conc: 39.89 ug/ml



#11 n-Heneicosane (C21)

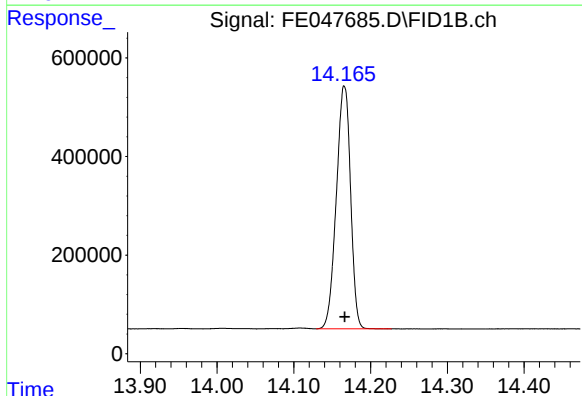
R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 6331988
Conc: 39.91 ug/ml

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FID_E
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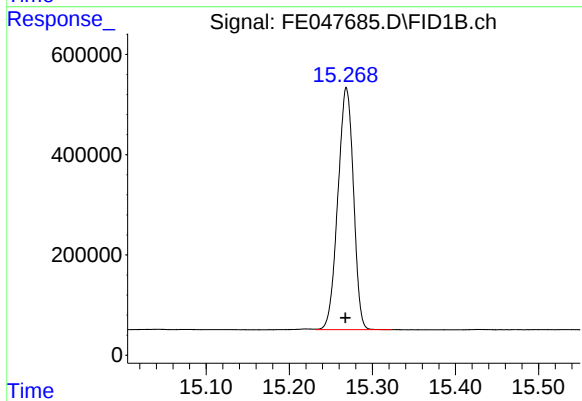
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: -0.003 min
Response: 4849751
Conc: 36.06 ug/ml



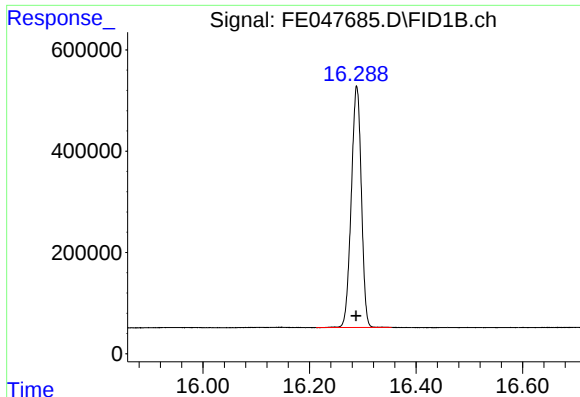
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 6339668
Conc: 39.50 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.001 min
Response: 6288278
Conc: 38.10 ug/ml



#15 n-Hexacosane (C26)

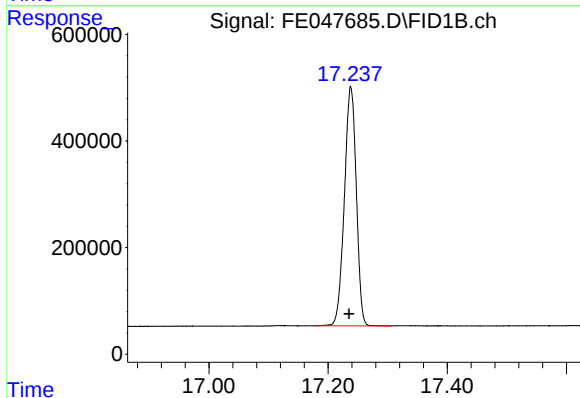
R.T.: 16.289 min
Delta R.T.: 0.002 min
Response: 6260879
Conc: 37.88 ug/ml

Instrument :

FID_E

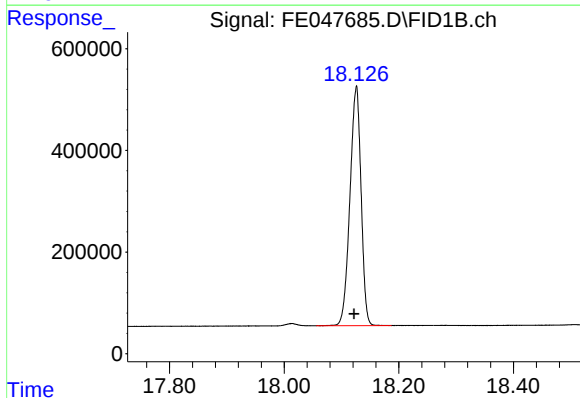
ClientSampleId :

PB160354BSD



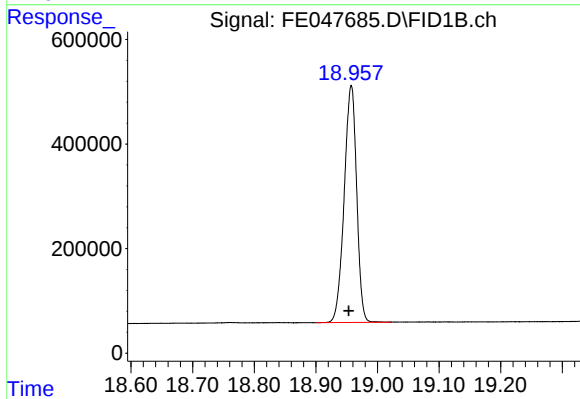
#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: 0.003 min
Response: 6228181
Conc: 37.58 ug/ml



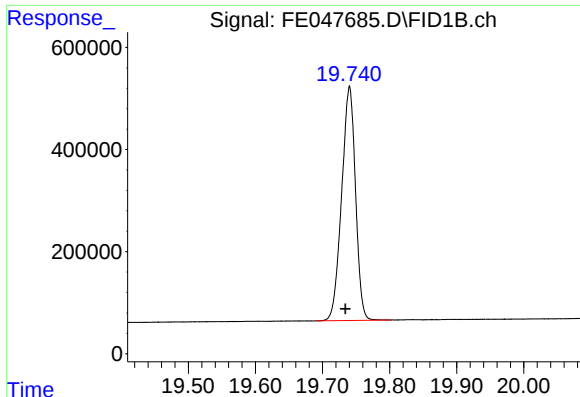
#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: 0.004 min
Response: 6338713
Conc: 37.34 ug/ml



#18 n-Dotriacontane (C32)

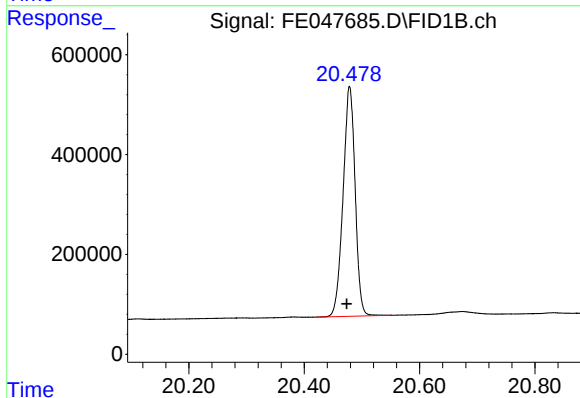
R.T.: 18.958 min
Delta R.T.: 0.004 min
Response: 6368473
Conc: 38.19 ug/ml



#19 n-Tetratriacontane (C34)

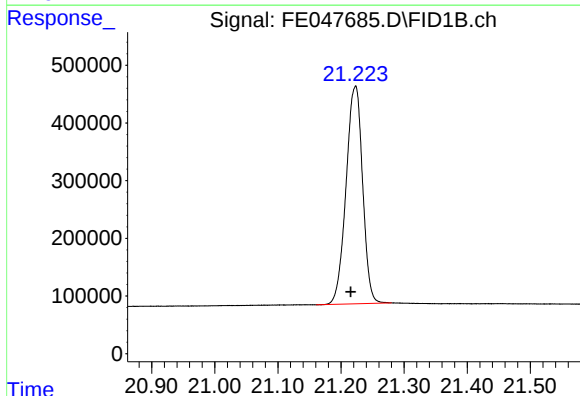
R.T.: 19.740 min
Delta R.T.: 0.006 min
Response: 6576021
Conc: 41.00 ug/ml

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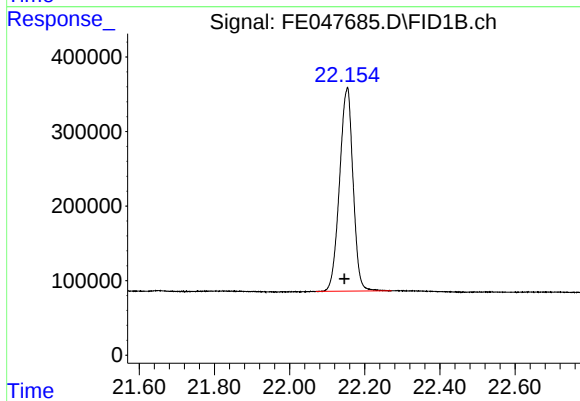
#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.005 min
Response: 6684622
Conc: 41.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.007 min
Response: 6865495
Conc: 42.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: 0.008 min
Response: 6814585
Conc: 41.62 ug/ml