

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020824AL\
 Data File : FE046640.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2024 16:25
 Operator : YP\AJ
 Sample : PB158901BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158901BS

Integration File: autoint1.e
 Quant Time: Feb 09 02:39:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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			
9) S ortho-Terphenyl (SURR)	11.811	7004025	37.878 ug/ml
Spiked Amount 50.000		Recovery =	75.76%
12) S 1-chlorooctadecane (S...	13.253	6146215	43.199 ug/ml
Spiked Amount 50.000		Recovery =	86.40%
Target Compounds			
1) T n-Nonane (C9)	3.215	6255773	38.729 ug/ml
2) T n-Decane (C10)	4.458	6393516	39.012 ug/ml
3) T A~Naphthalene (C11.7)	6.156	7264306	42.482 ug/ml
4) T n-Dodecane (C12)	6.619	6810209	41.171 ug/ml
5) T A~2-methylnaphthalene...	7.250	7128519	44.695 ug/ml
6) T n-Tetradecane (C14)	8.445	7003437	42.731 ug/ml
7) T n-Hexadecane (C16)	10.053	7137711	41.770 ug/ml
8) T n-Octadecane (C18)	11.497	7376963	42.314 ug/ml
10) T n-Eicosane (C20)	12.809	7337000	43.213 ug/ml
11) T n-Heneicosane (C21)	13.420	7053918	42.292 ug/ml
13) T n-Docosane (C22)	14.006	6924582	41.798 ug/ml
14) T n-Tetracosane (C24)	15.111	15735586	95.365 ug/ml
15) T n-Hexacosane (C26)	16.134	6644530	41.168 ug/ml
17) T n-Tricontane (C30)	17.973	6520545	41.630 ug/ml
18) T n-Dotriacontane (C32)	18.807	5028984	33.269 ug/ml
19) T n-Tetratriacontane (C34)	19.591	5737181	40.450 ug/ml
20) T n-Hexatriacontane (C36)	20.333	5598247	40.614 ug/ml
21) T n-Octatriacontane (C38)	21.059	6107213	47.640 ug/ml
22) T n-Tetracontane (C40)	21.942	5900824	47.193 ug/ml

(f)=RT Delta > 1/2 Window

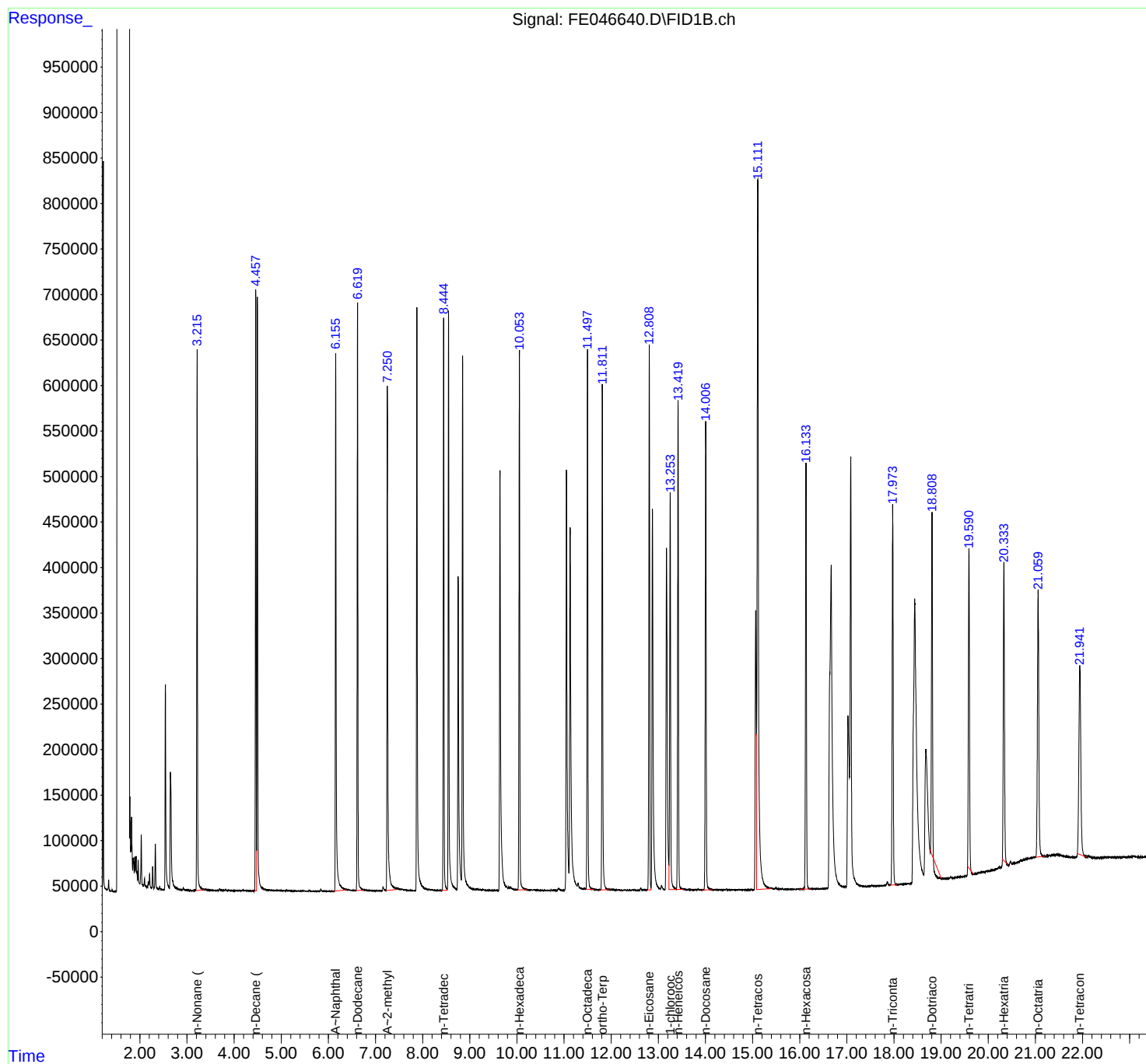
(m)=manual int.

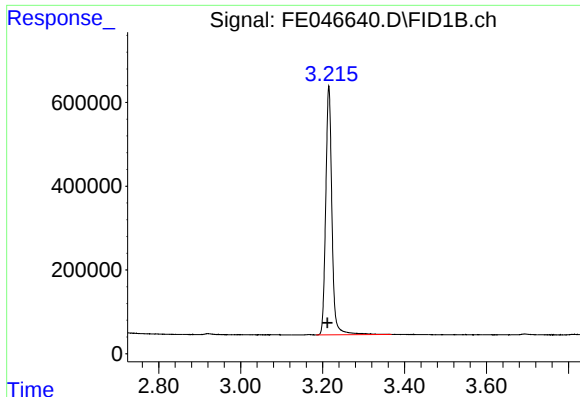
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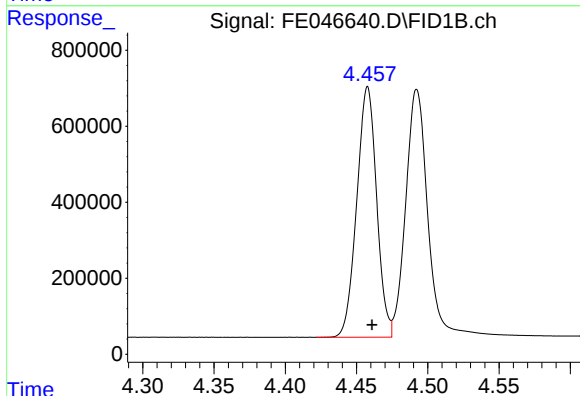




#1 n-Nonane (C9)

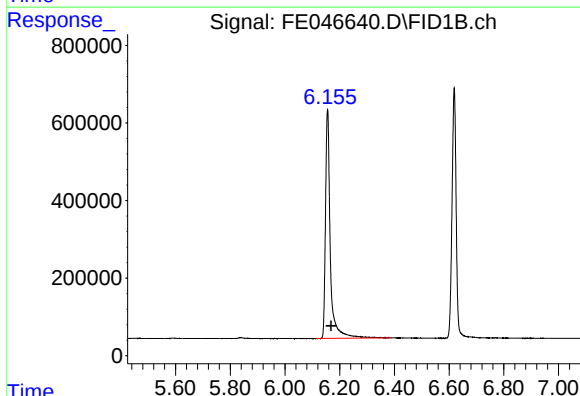
R.T.: 3.215 min
Delta R.T.: 0.003 min
Response: 6255773
Conc: 38.73 ug/ml

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FID_E
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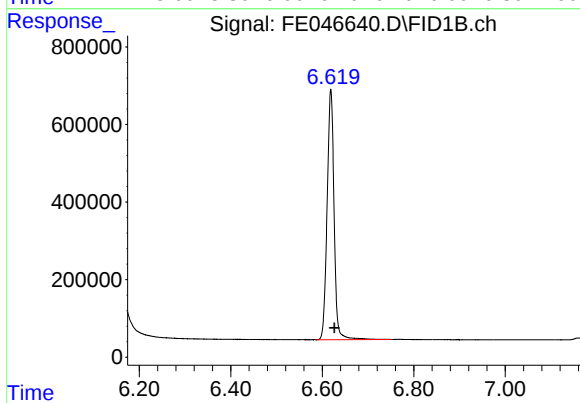
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.003 min
Response: 6393516
Conc: 39.01 ug/ml



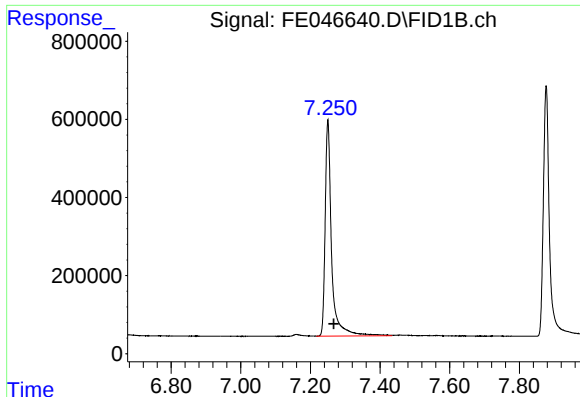
#3 A~Naphthalene (C11.7)

R.T.: 6.156 min
Delta R.T.: -0.013 min
Response: 7264306
Conc: 42.48 ug/ml



#4 n-Dodecane (C12)

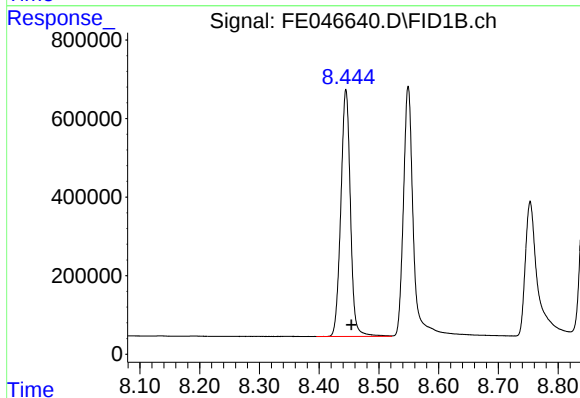
R.T.: 6.619 min
Delta R.T.: -0.008 min
Response: 6810209
Conc: 41.17 ug/ml



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

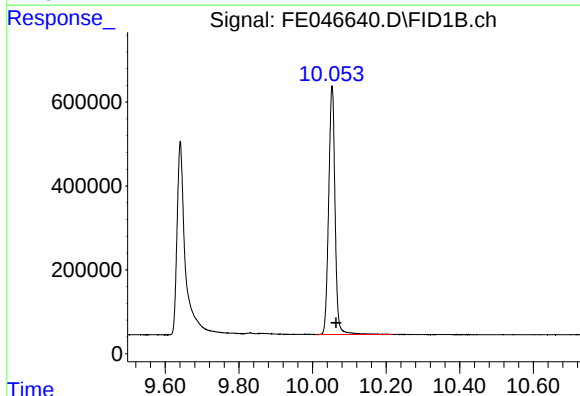
R.T.: 7.250 min
Delta R.T.: -0.017 min
Response: 7128519
Conc: 44.70 ug/ml

Instrument :
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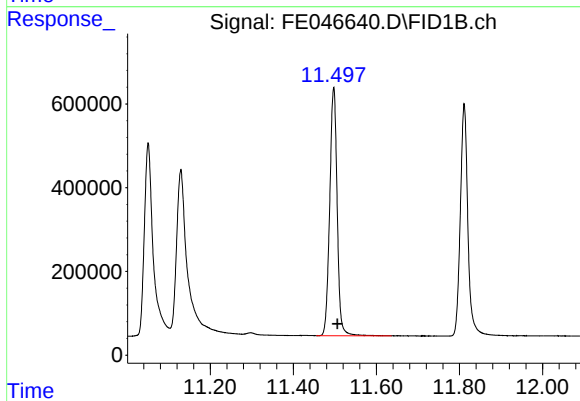
#6 n-Tetradecane (C14)

R.T.: 8.445 min
Delta R.T.: -0.009 min
Response: 7003437
Conc: 42.73 ug/ml



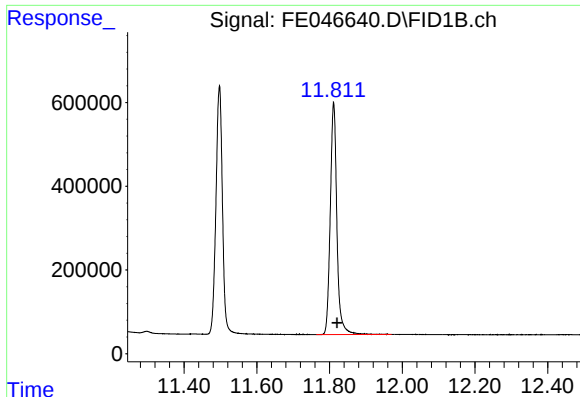
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: -0.011 min
Response: 7137711
Conc: 41.77 ug/ml



#8 n-Octadecane (C18)

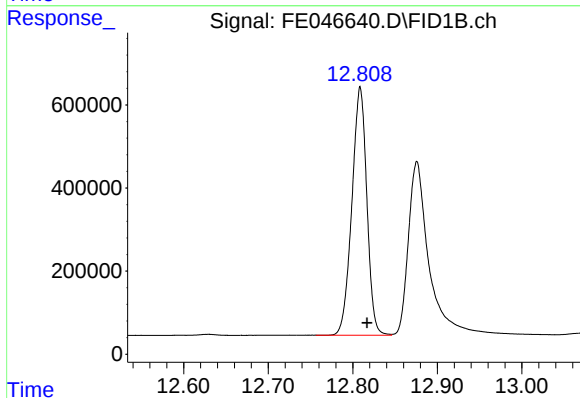
R.T.: 11.497 min
Delta R.T.: -0.009 min
Response: 7376963
Conc: 42.31 ug/ml



#9 ortho-Terphenyl (SURR)

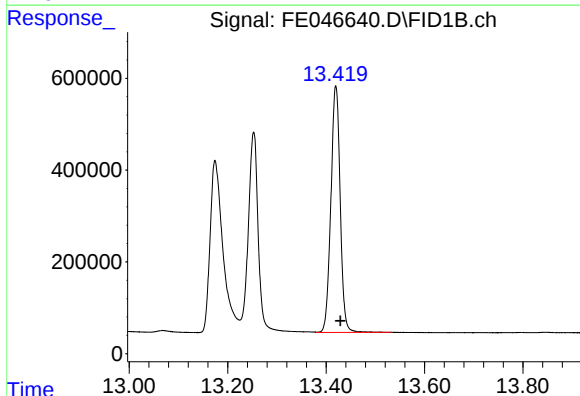
R.T.: 11.811 min
Delta R.T.: -0.009 min
Response: 7004025
Conc: 37.88 ug/ml

Instrument :
FID_E
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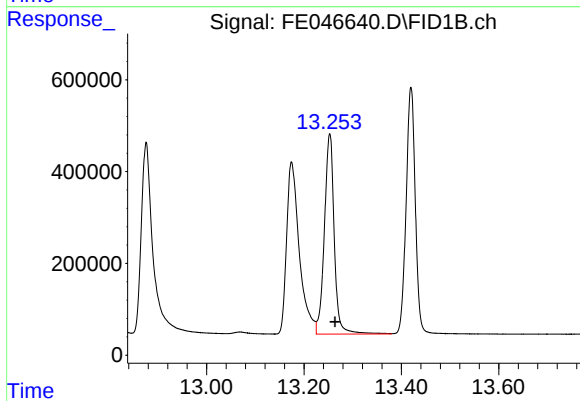
#10 n-Eicosane (C20)

R.T.: 12.809 min
Delta R.T.: -0.008 min
Response: 7337000
Conc: 43.21 ug/ml



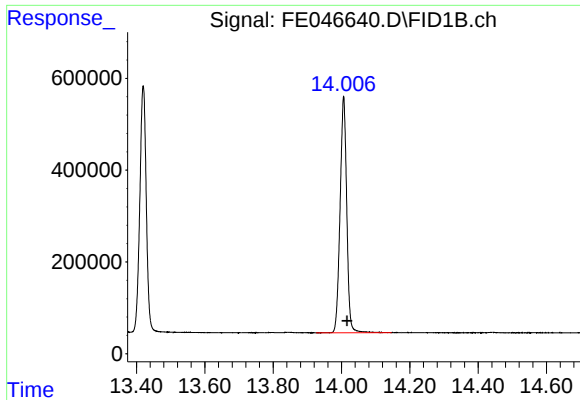
#11 n-Heneicosane (C21)

R.T.: 13.420 min
Delta R.T.: -0.009 min
Response: 7053918
Conc: 42.29 ug/ml



#12 1-chlorooctadecane (SURR)

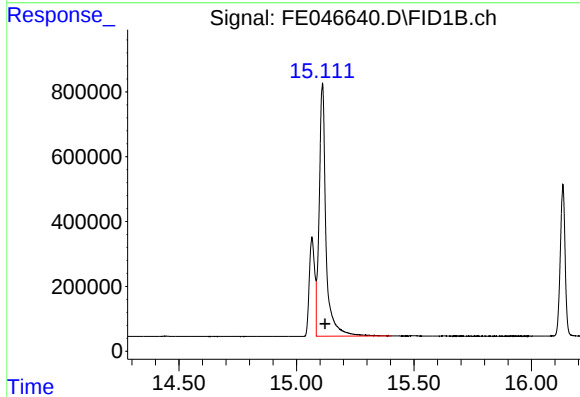
R.T.: 13.253 min
Delta R.T.: -0.011 min
Response: 6146215
Conc: 43.20 ug/ml



#13 n-Docosane (C22)

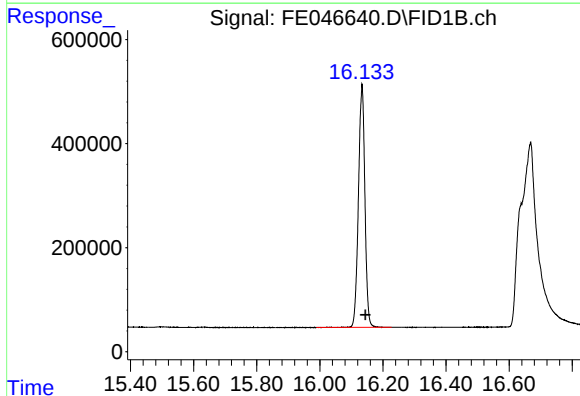
R.T.: 14.006 min
Delta R.T.: -0.010 min
Response: 6924582
Conc: 41.80 ug/ml

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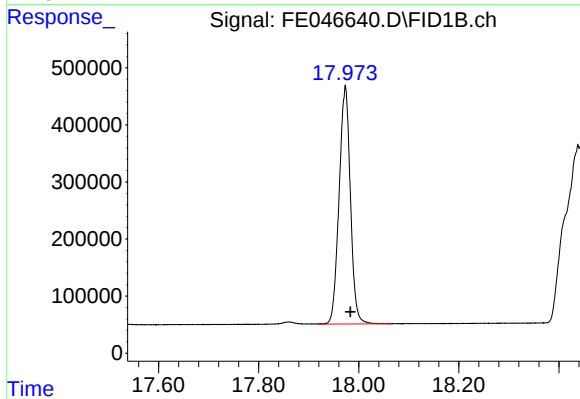
#14 n-Tetracosane (C24)

R.T.: 15.111 min
Delta R.T.: -0.010 min
Response: 15735586
Conc: 95.37 ug/ml



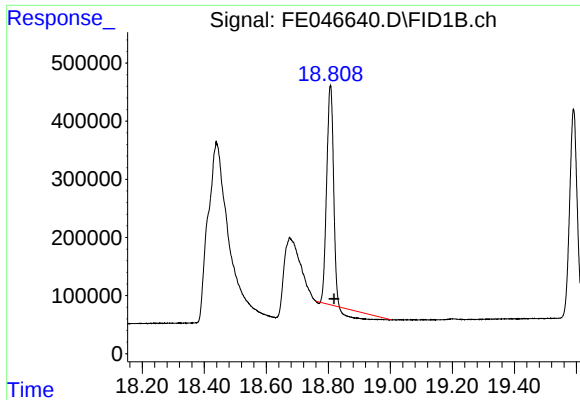
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.010 min
Response: 6644530
Conc: 41.17 ug/ml



#17 n-Tricontane (C30)

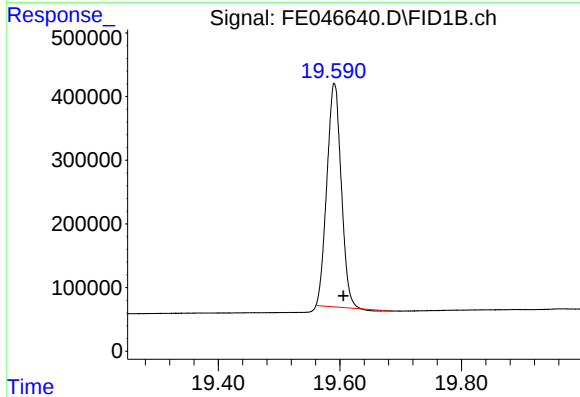
R.T.: 17.973 min
Delta R.T.: -0.010 min
Response: 6520545
Conc: 41.63 ug/ml



#18 n-Dotriacontane (C32)

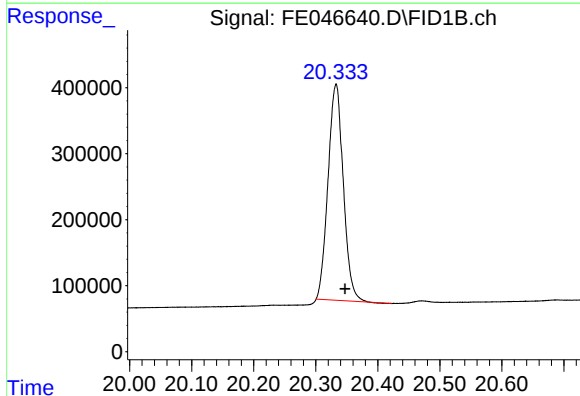
R.T.: 18.807 min
Delta R.T.: -0.012 min
Response: 5028984
Conc: 33.27 ug/ml

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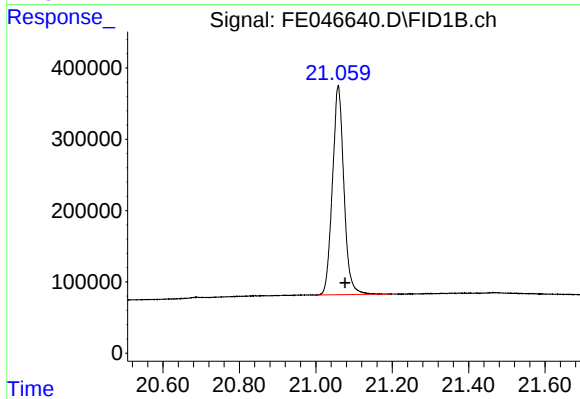
#19 n-Tetratriacontane (C34)

R.T.: 19.591 min
Delta R.T.: -0.015 min
Response: 5737181
Conc: 40.45 ug/ml



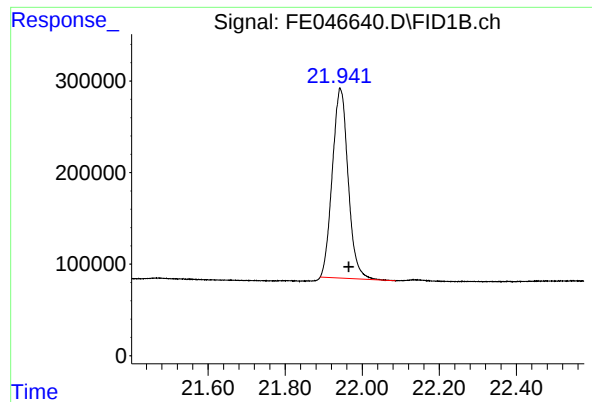
#20 n-Hexatriacontane (C36)

R.T.: 20.333 min
Delta R.T.: -0.015 min
Response: 5598247
Conc: 40.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.018 min
Response: 6107213
Conc: 47.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.022 min
Response: 5900824
Conc: 47.19 ug/ml

Instrument :

FID_E

ClientSampleId :

PB158901BS