

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032425AL\
 Data File : FE052936.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2025 10:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 25 01:41:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.910	3322292	19.707 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.354	2308463	19.011 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	3.247	3182759	20.527 ug/ml
2) T n-Decane (C10)	4.509	3271925	20.828 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3457251	20.386 ug/ml
4) T n-Dodecane (C12)	6.691	3228322	20.734 ug/ml
5) T A~2-methylnaphthalene...	7.327	3304101	20.388 ug/ml
6) T n-Tetradecane (C14)	8.528	3121839	20.632 ug/ml
7) T n-Hexadecane (C16)	10.144	3172944	20.753 ug/ml
8) T n-Octadecane (C18)	11.593	3146692	20.683 ug/ml
10) T n-Eicosane (C20)	12.908	2940536	20.255 ug/ml
11) T n-Heneicosane (C21)	13.523	2865531	20.133 ug/ml
13) T n-Docosane (C22)	14.112	2831620	19.898 ug/ml
14) T n-Tetracosane (C24)	15.218	2788981	19.489 ug/ml
15) T n-Hexacosane (C26)	16.243	2737453	19.252 ug/ml
16) T n-Octacosane (C28)	17.197	2678370	18.836 ug/ml
17) T n-Tricontane (C30)	18.089	2759019	18.680 ug/ml
18) T n-Dotriacontane (C32)	18.926	2589533	17.837 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2378232	17.645 ug/ml
20) T n-Hexatriacontane (C36)	20.456	1926147	16.210 ug/ml
21) T n-Octatriacontane (C38)	21.201	1966016	17.722 ug/ml
22) T n-Tetracontane (C40)	22.125	1976500	18.281 ug/ml

(f)=RT Delta > 1/2 Window

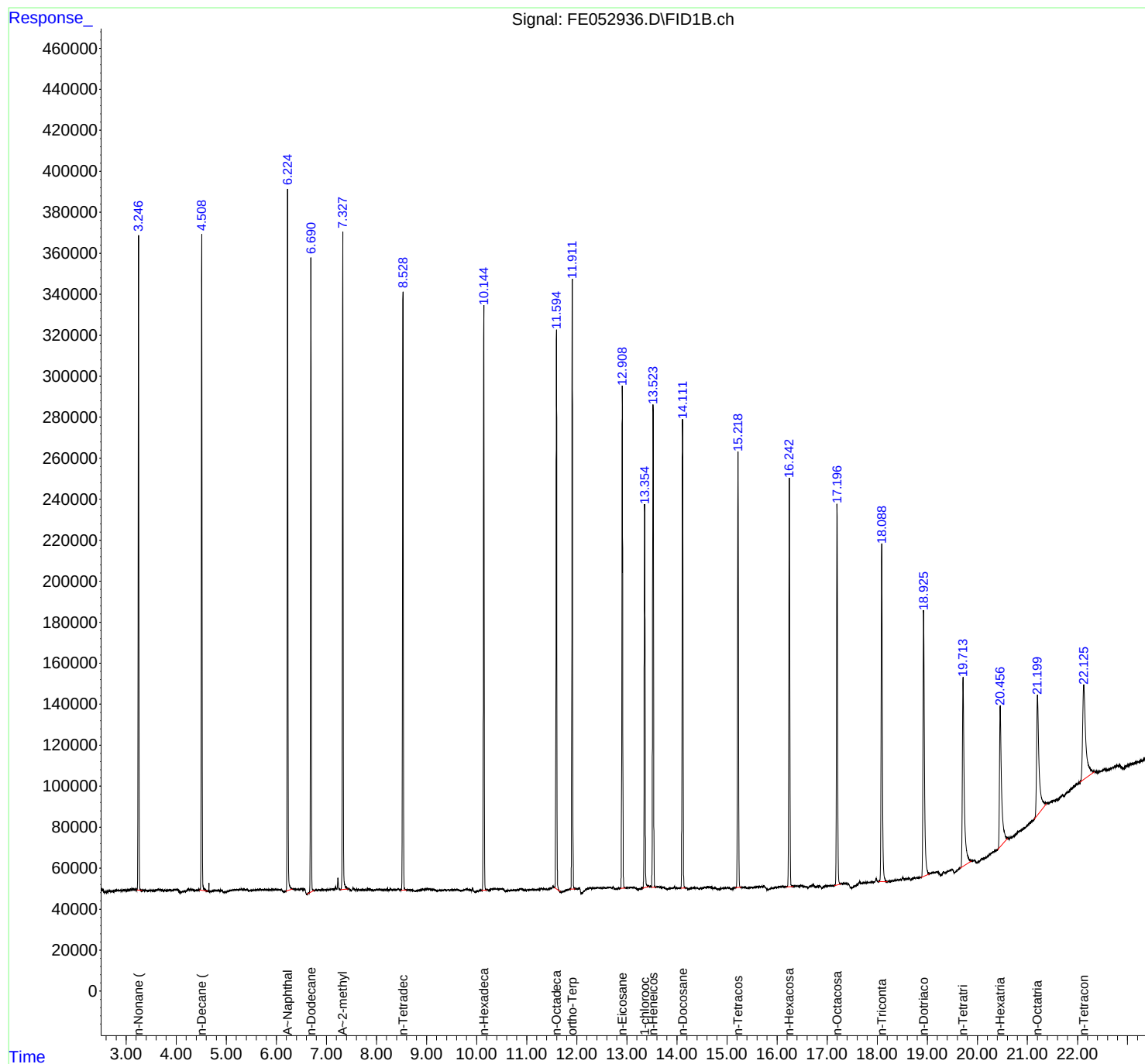
(m)=manual int.

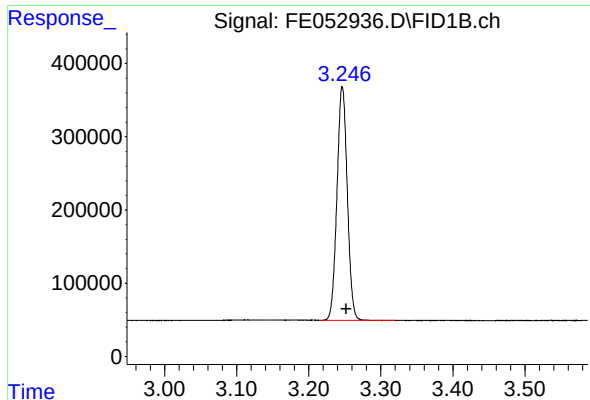
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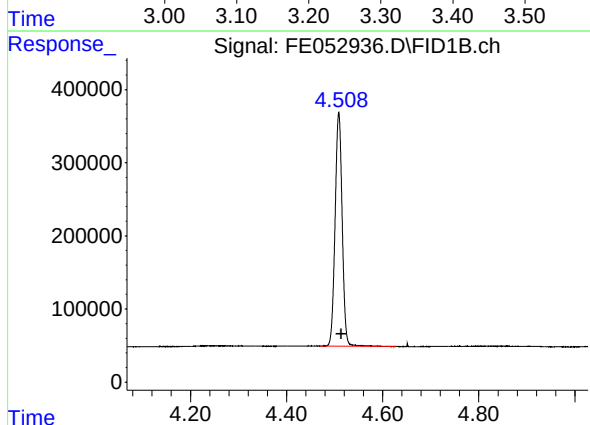




#1 n-Nonane (C9)

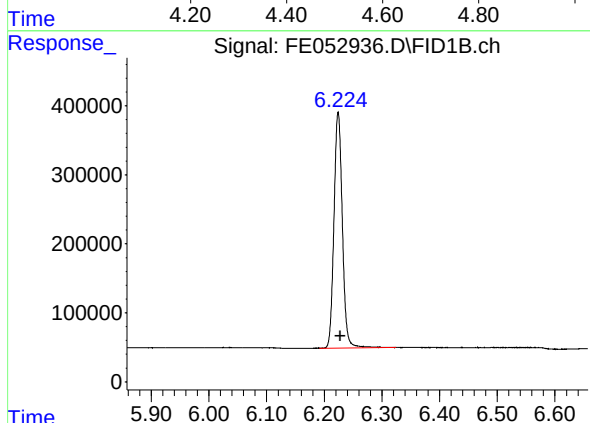
R.T.: 3.247 min
Delta R.T.: -0.005 min
Response: 3182759
Conc: 20.53 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



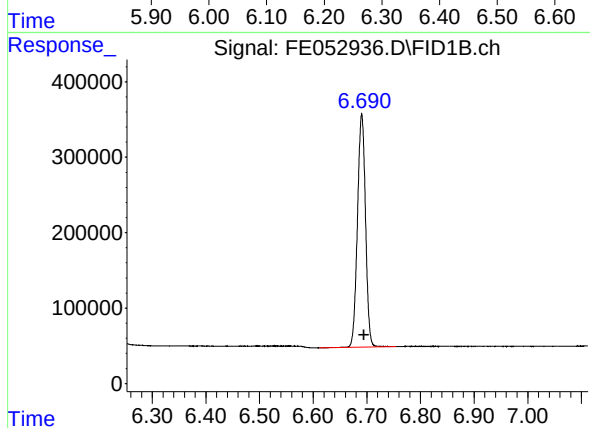
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.005 min
Response: 3271925
Conc: 20.83 ug/ml



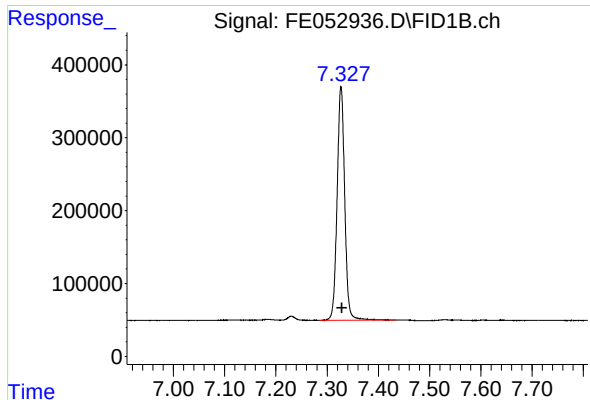
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 3457251
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

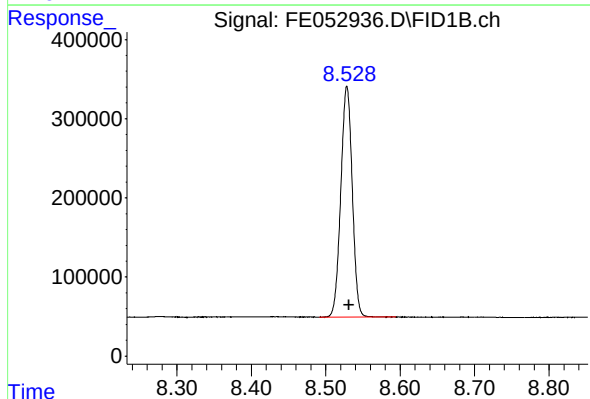
R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 3228322
Conc: 20.73 ug/ml



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

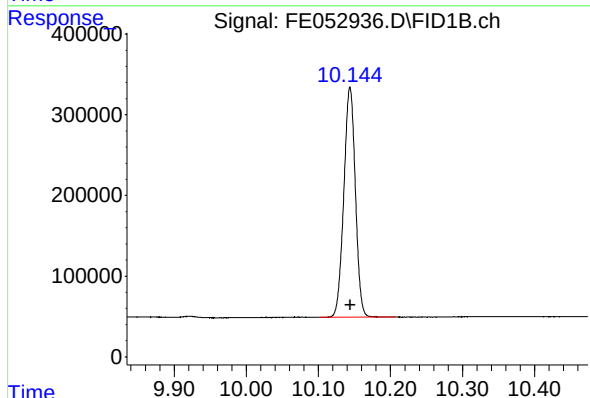
R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 3304101
Conc: 20.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



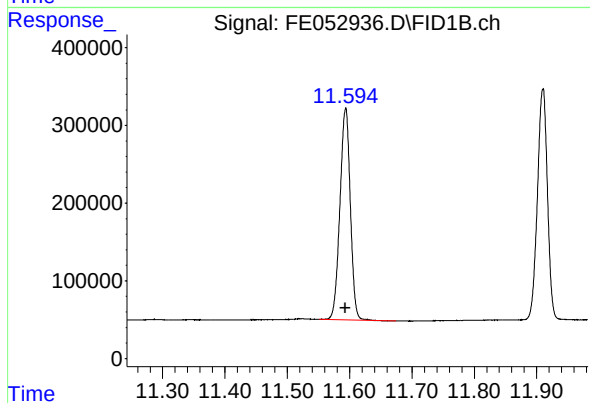
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.002 min
Response: 3121839
Conc: 20.63 ug/ml



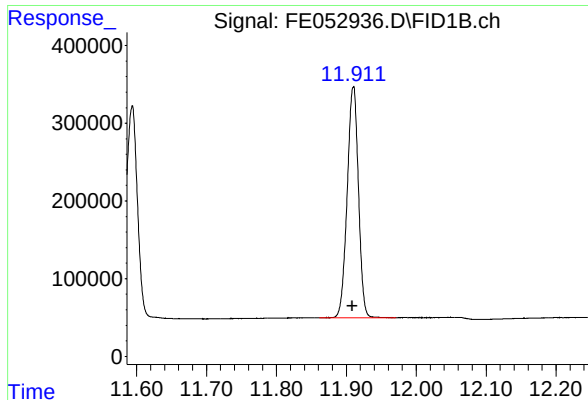
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: 0.000 min
Response: 3172944
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

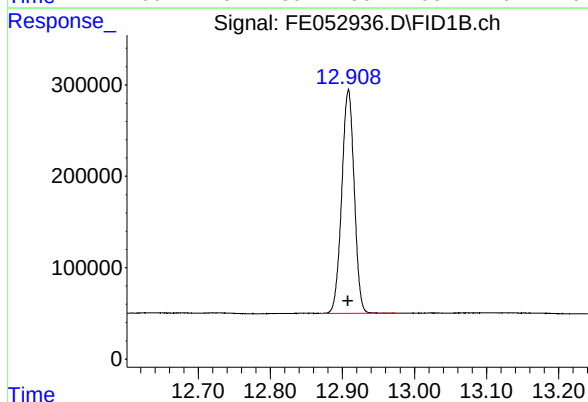
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 3146692
Conc: 20.68 ug/ml



#9 ortho-Terphenyl (SURR)

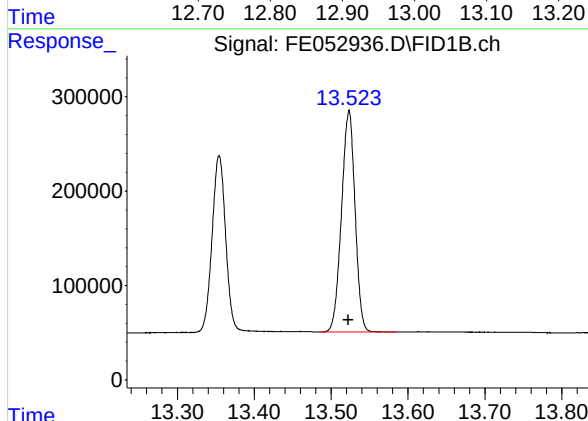
R.T.: 11.910 min
Delta R.T.: 0.001 min
Response: 3322292
Conc: 19.71 ug/ml

Instrument :
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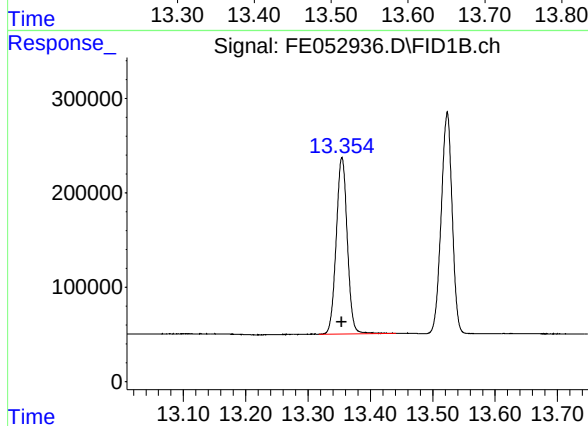
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 2940536
Conc: 20.26 ug/ml



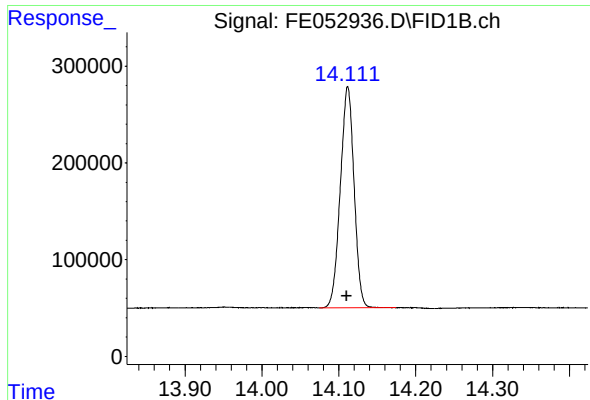
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 2865531
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

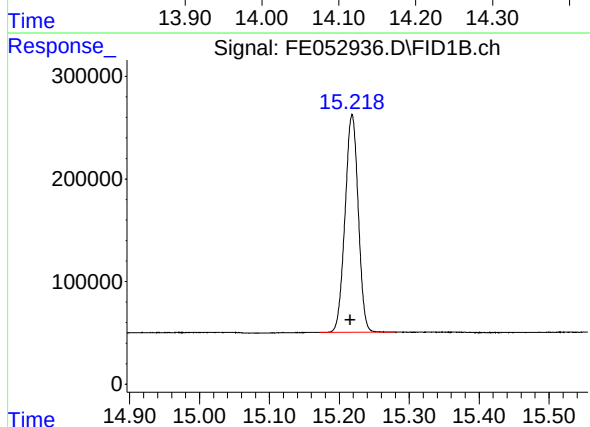
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 2308463
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

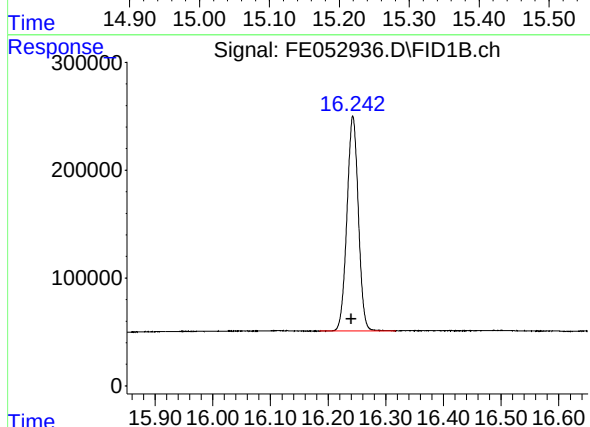
R.T.: 14.112 min
Delta R.T.: 0.001 min
Response: 2831620
Conc: 19.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



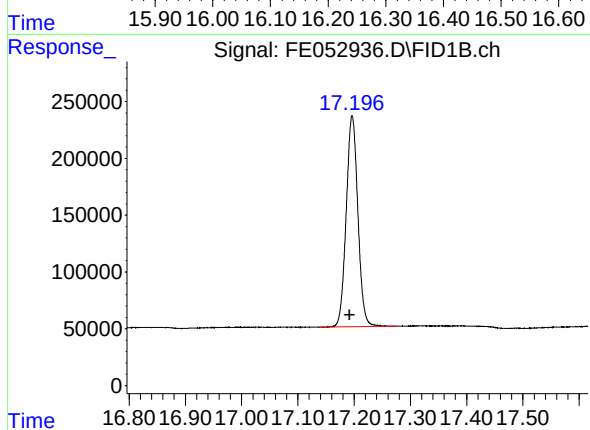
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.002 min
Response: 2788981
Conc: 19.49 ug/ml



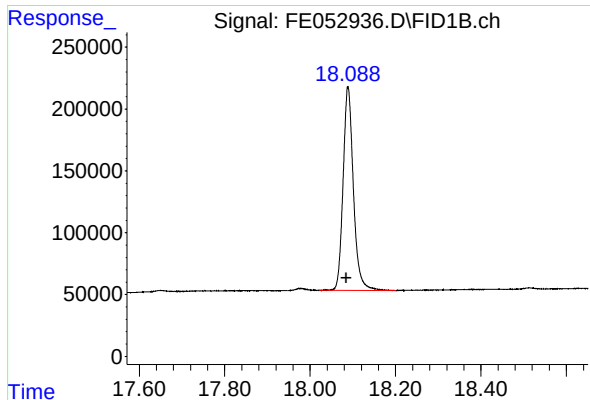
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.002 min
Response: 2737453
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

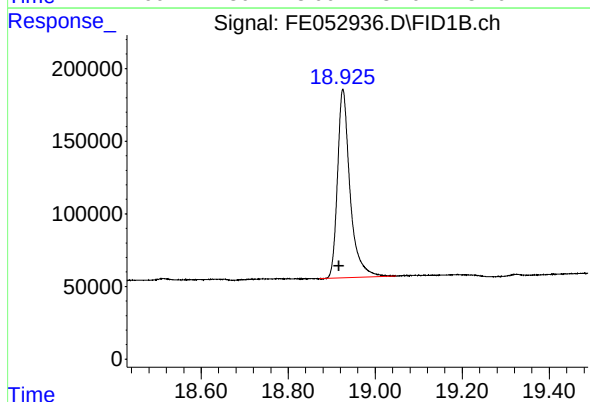
R.T.: 17.197 min
Delta R.T.: 0.005 min
Response: 2678370
Conc: 18.84 ug/ml



#17 n-Tricontane (C30)

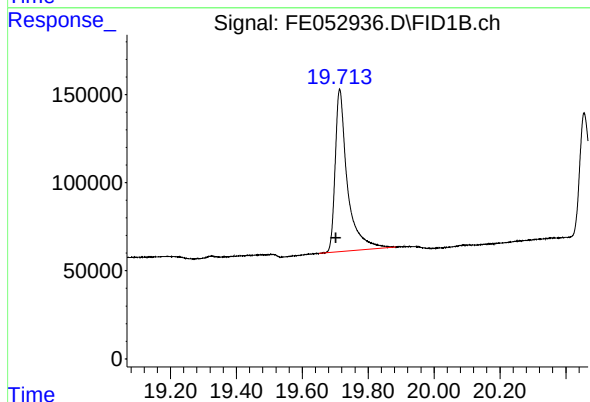
R.T.: 18.089 min
Delta R.T.: 0.004 min
Response: 2759019
Conc: 18.68 ug/ml

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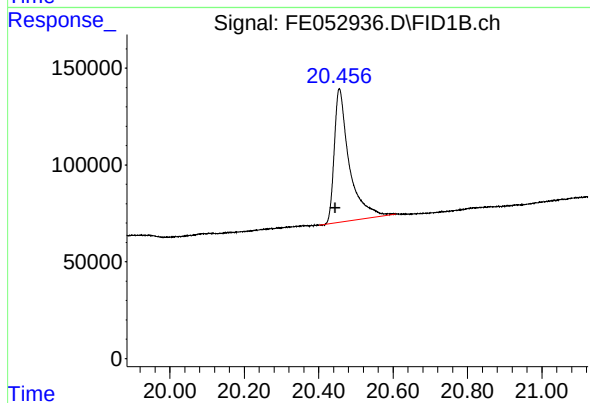
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: 0.009 min
Response: 2589533
Conc: 17.84 ug/ml



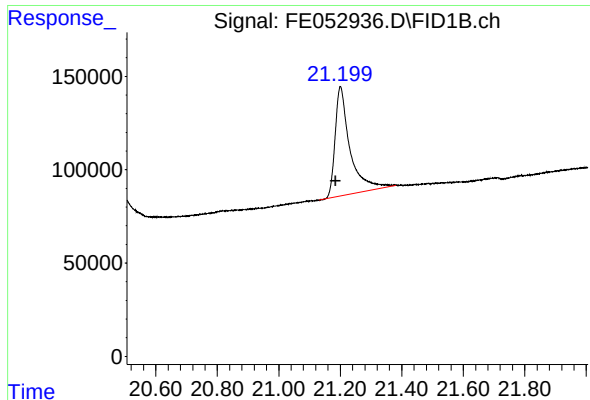
#19 n-Tetatriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.011 min
Response: 2378232
Conc: 17.65 ug/ml



#20 n-Hexatriacontane (C36)

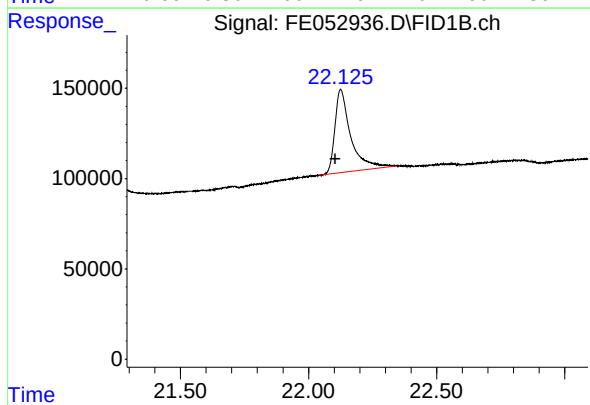
R.T.: 20.456 min
Delta R.T.: 0.011 min
Response: 1926147
Conc: 16.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: 0.016 min
Response: 1966016
Conc: 17.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: 0.021 min
Response: 1976500
Conc: 18.28 ug/ml