

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050724AL\
 Data File : FE048023.D
 Signal(s) : FID1B.ch
 Acq On : 07 May 2024 20:57
 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: May 08 01:30:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.971	2954453	20.479 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
12) S 1-chlorooctadecane (S...	13.404	2285449	20.453 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T n-Nonane (C9)	3.349	2637653	20.466 ug/mlm
2) T n-Decane (C10)	4.602	2716087	20.630 ug/ml
3) T A~Naphthalene (C11.7)	6.311	2863065	20.734 ug/ml
4) T n-Dodecane (C12)	6.768	2739463	20.549 ug/ml
5) T A~2-methylnaphthalene...	7.407	2757282	20.720 ug/ml
6) T n-Tetradecane (C14)	8.597	2717274	20.504 ug/ml
7) T n-Hexadecane (C16)	10.204	2818311	20.492 ug/ml
8) T n-Octadecane (C18)	11.648	2860539	20.536 ug/ml
10) T n-Eicosane (C20)	12.959	2751525	20.436 ug/ml
11) T n-Heneicosane (C21)	13.570	2703251	20.421 ug/ml
13) T n-Docosane (C22)	14.157	2687231	20.278 ug/ml
14) T n-Tetracosane (C24)	15.260	2679833	20.126 ug/ml
15) T n-Hexacosane (C26)	16.280	2668273	19.996 ug/ml
16) T n-Octacosane (C28)	17.229	2672071	20.069 ug/ml
17) T n-Tricontane (C30)	18.117	2809425	20.356 ug/ml
18) T n-Dotriacontane (C32)	18.949	2863924	20.734 ug/ml
19) T n-Tetratriacontane (C34)	19.732	2845928	20.892 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2821019	20.835 ug/ml
21) T n-Octatriacontane (C38)	21.214	2830151	20.498 ug/ml
22) T n-Tetracontane (C40)	22.142	2746114	19.711 ug/ml

(f)=RT Delta > 1/2 Window

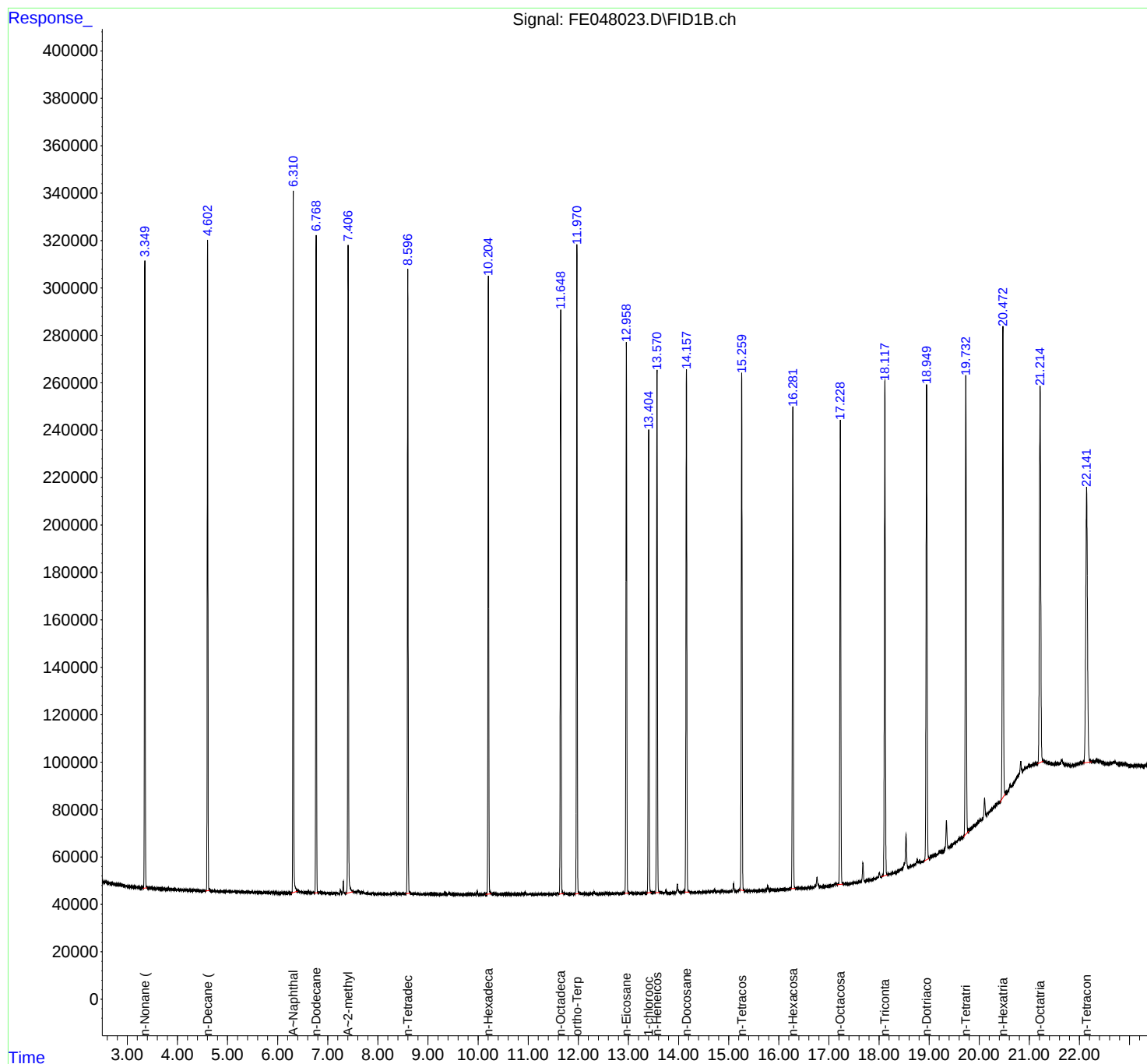
(m)=manual int.

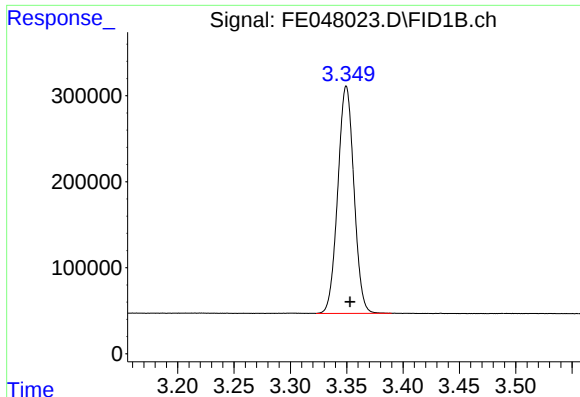
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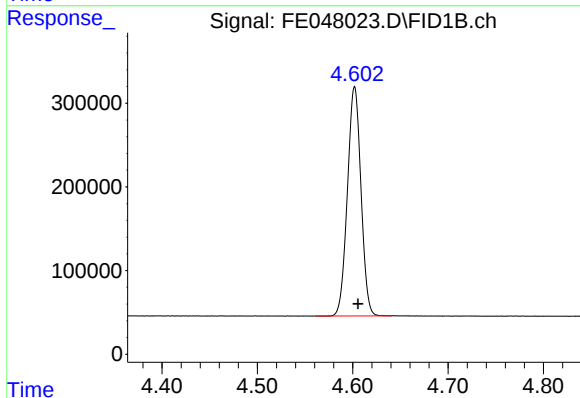




#1 n-Nonane (C9)

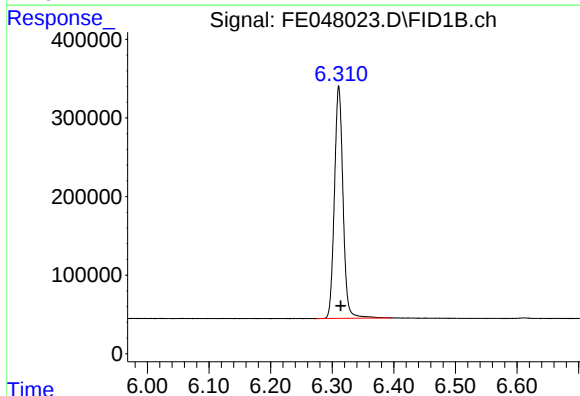
R.T.: 3.349 min
Delta R.T.: -0.004 min
Response: 2637653
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



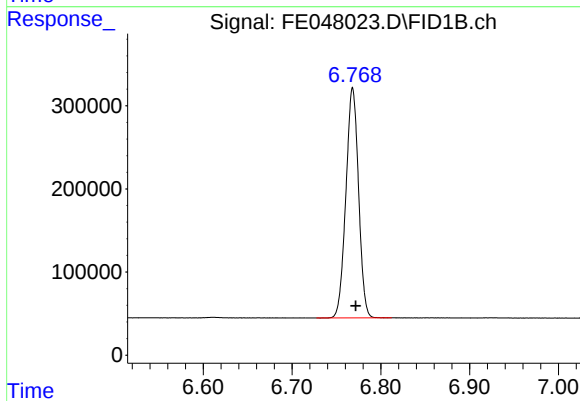
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.004 min
Response: 2716087
Conc: 20.63 ug/ml



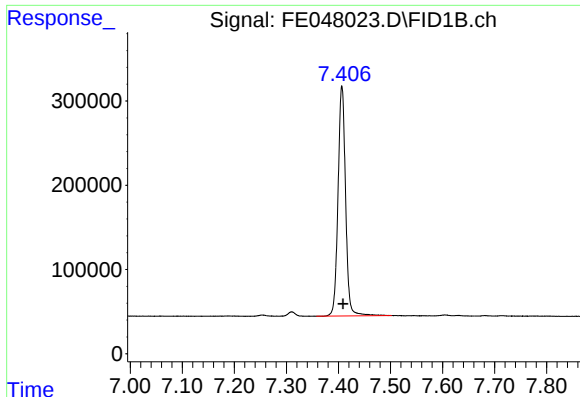
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.003 min
Response: 2863065
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

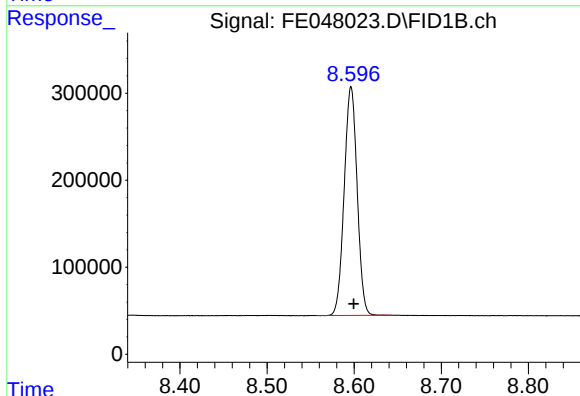
R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 2739463
Conc: 20.55 ug/ml



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

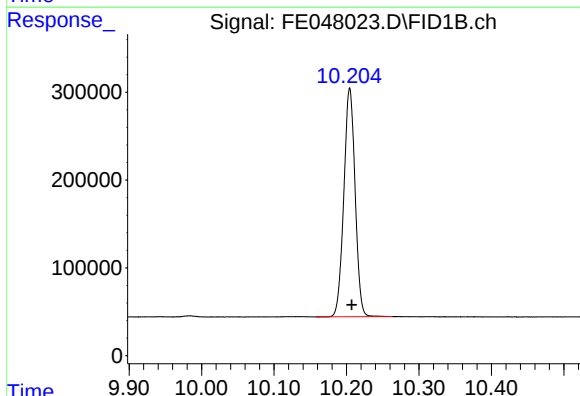
R.T.: 7.407 min
Delta R.T.: -0.002 min
Response: 2757282
Conc: 20.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



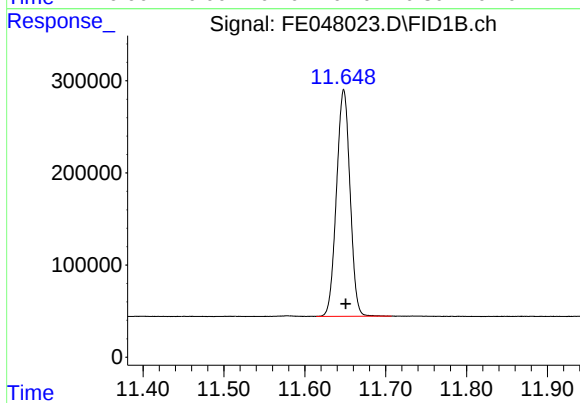
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.003 min
Response: 2717274
Conc: 20.50 ug/ml



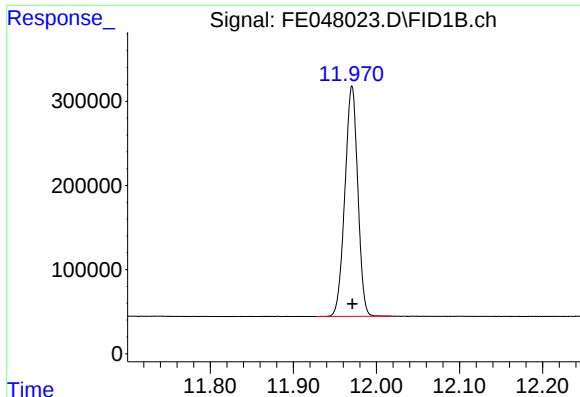
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.003 min
Response: 2818311
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

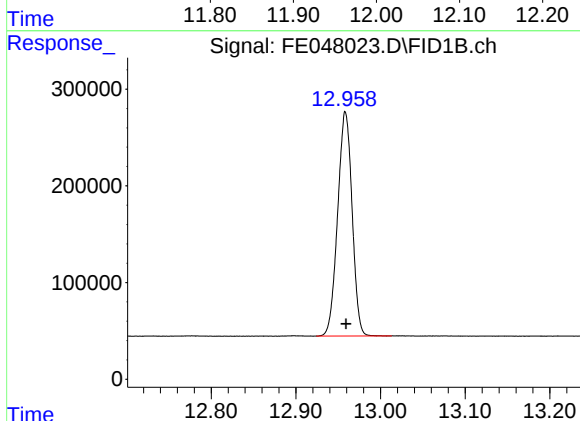
R.T.: 11.648 min
Delta R.T.: -0.002 min
Response: 2860539
Conc: 20.54 ug/ml



#9 ortho-Terphenyl (SURR)

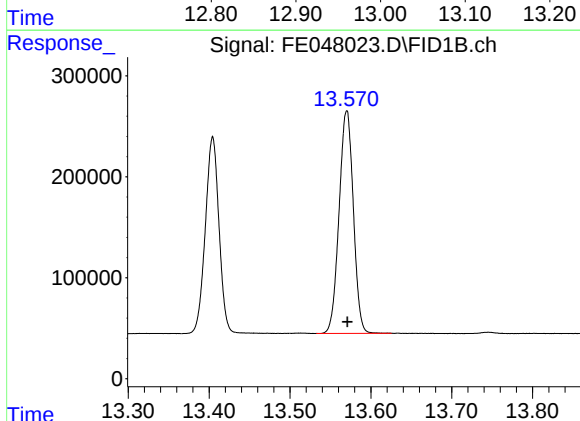
R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 2954453
Conc: 20.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



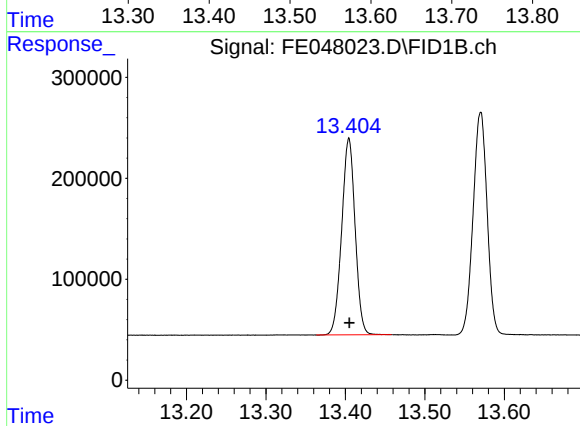
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 2751525
Conc: 20.44 ug/ml



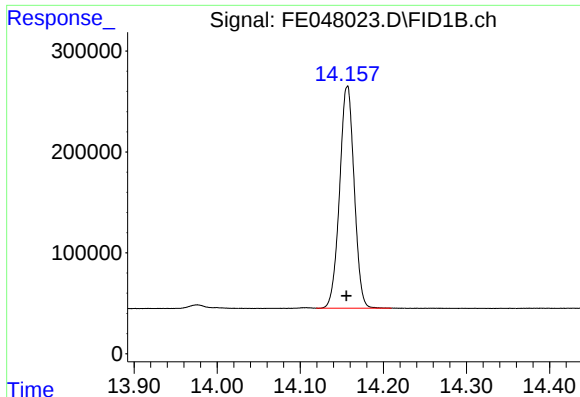
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: 0.000 min
Response: 2703251
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

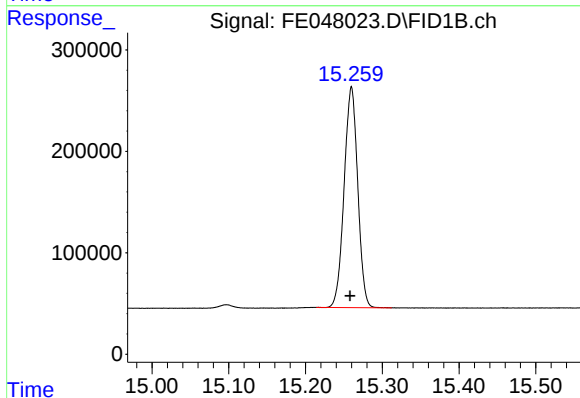
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 2285449
Conc: 20.45 ug/ml



#13 n-Docosane (C22)

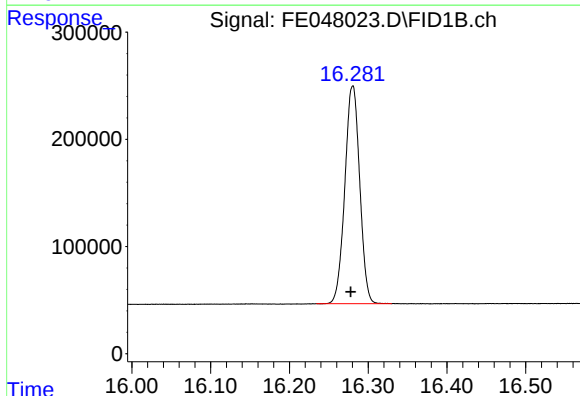
R.T.: 14.157 min
Delta R.T.: 0.001 min
Response: 2687231
Conc: 20.28 ug/ml

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20 PPM ALIPHATIC HC STD



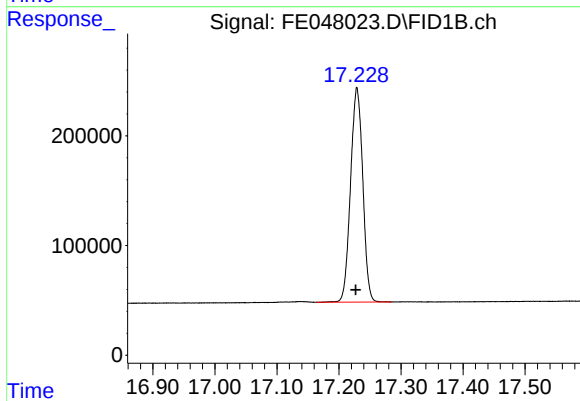
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.002 min
Response: 2679833
Conc: 20.13 ug/ml



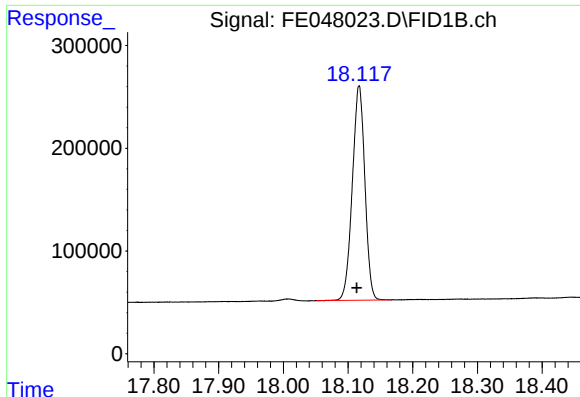
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: 0.002 min
Response: 2668273
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

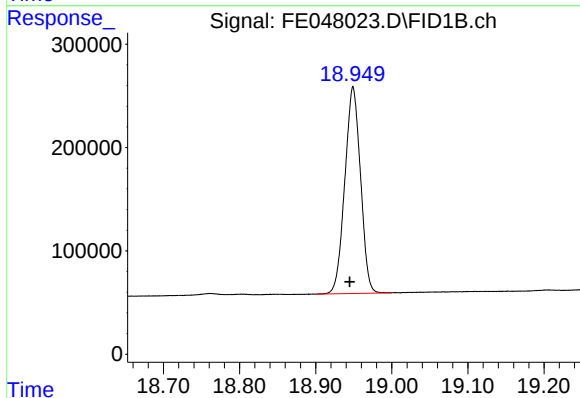
R.T.: 17.229 min
Delta R.T.: 0.002 min
Response: 2672071
Conc: 20.07 ug/ml



#17 n-Tricontane (C30)

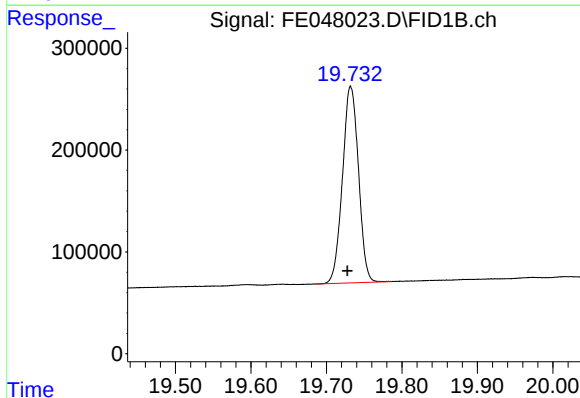
R.T.: 18.117 min
Delta R.T.: 0.004 min
Response: 2809425
Conc: 20.36 ug/ml

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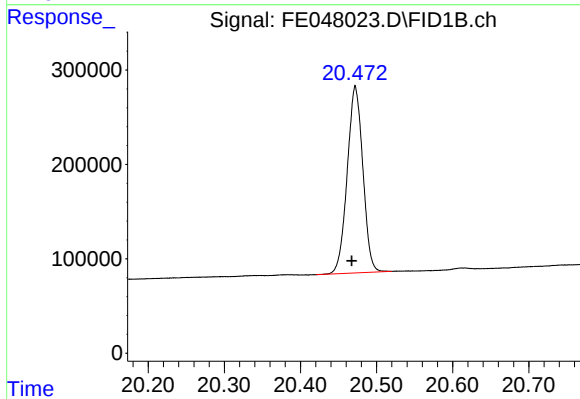
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: 0.004 min
Response: 2863924
Conc: 20.73 ug/ml



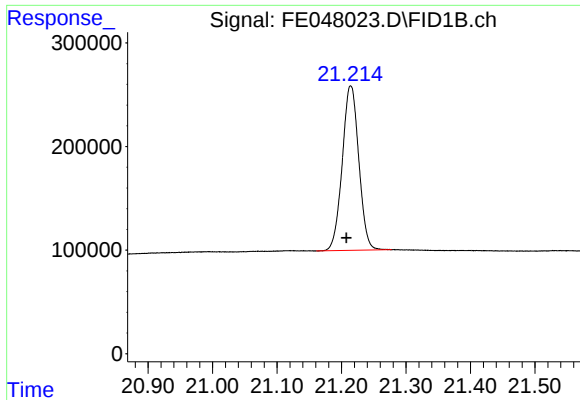
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: 0.004 min
Response: 2845928
Conc: 20.89 ug/ml



#20 n-Hexatriacontane (C36)

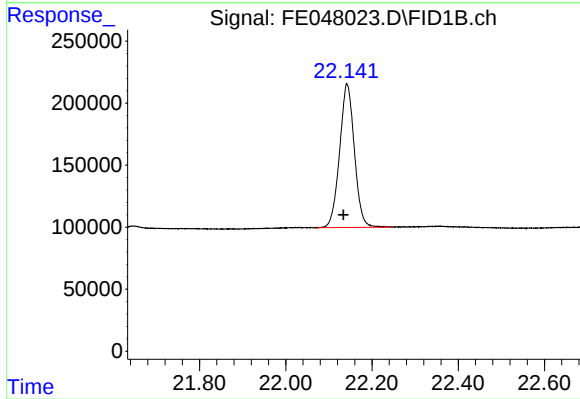
R.T.: 20.472 min
Delta R.T.: 0.005 min
Response: 2821019
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.007 min
Response: 2830151
Conc: 20.50 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.008 min
Response: 2746114
Conc: 19.71 ug/ml