

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053024AL\
 Data File : FE048445.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2024 08:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 31 01:24:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.955	2666002	18.566 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
12) S 1-chlorooctadecane (S...	13.390	2027182	18.608 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
Target Compounds			
1) T n-Nonane (C9)	3.340	2701003	18.066 ug/ml
2) T n-Decane (C10)	4.590	2764899	18.310 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2736458	18.378 ug/ml
4) T n-Dodecane (C12)	6.756	2723573	18.399 ug/ml
5) T A~2-methylnaphthalene...	7.393	2571099	18.543 ug/ml
6) T n-Tetradecane (C14)	8.585	2613497	18.427 ug/ml
7) T n-Hexadecane (C16)	10.192	2619508	18.581 ug/ml
8) T n-Octadecane (C18)	11.635	2589555	18.645 ug/ml
10) T n-Eicosane (C20)	12.944	2469487	18.661 ug/ml
11) T n-Heneicosane (C21)	13.556	2411956	18.621 ug/ml
13) T n-Docosane (C22)	14.142	2435531	18.900 ug/ml
14) T n-Tetracosane (C24)	15.244	2529756	19.527 ug/ml
15) T n-Hexacosane (C26)	16.264	2567616	19.811 ug/ml
16) T n-Octacosane (C28)	17.213	2640852	20.432 ug/ml
17) T n-Tricontane (C30)	18.099	2776057	20.723 ug/ml
18) T n-Dotriacontane (C32)	18.932	2807888	20.686 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2719206	19.877 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2685524	19.756 ug/ml
21) T n-Octatriacontane (C38)	21.192	2623301	19.236 ug/ml
22) T n-Tetracontane (C40)	22.115	2567694	18.753 ug/ml

(f)=RT Delta > 1/2 Window

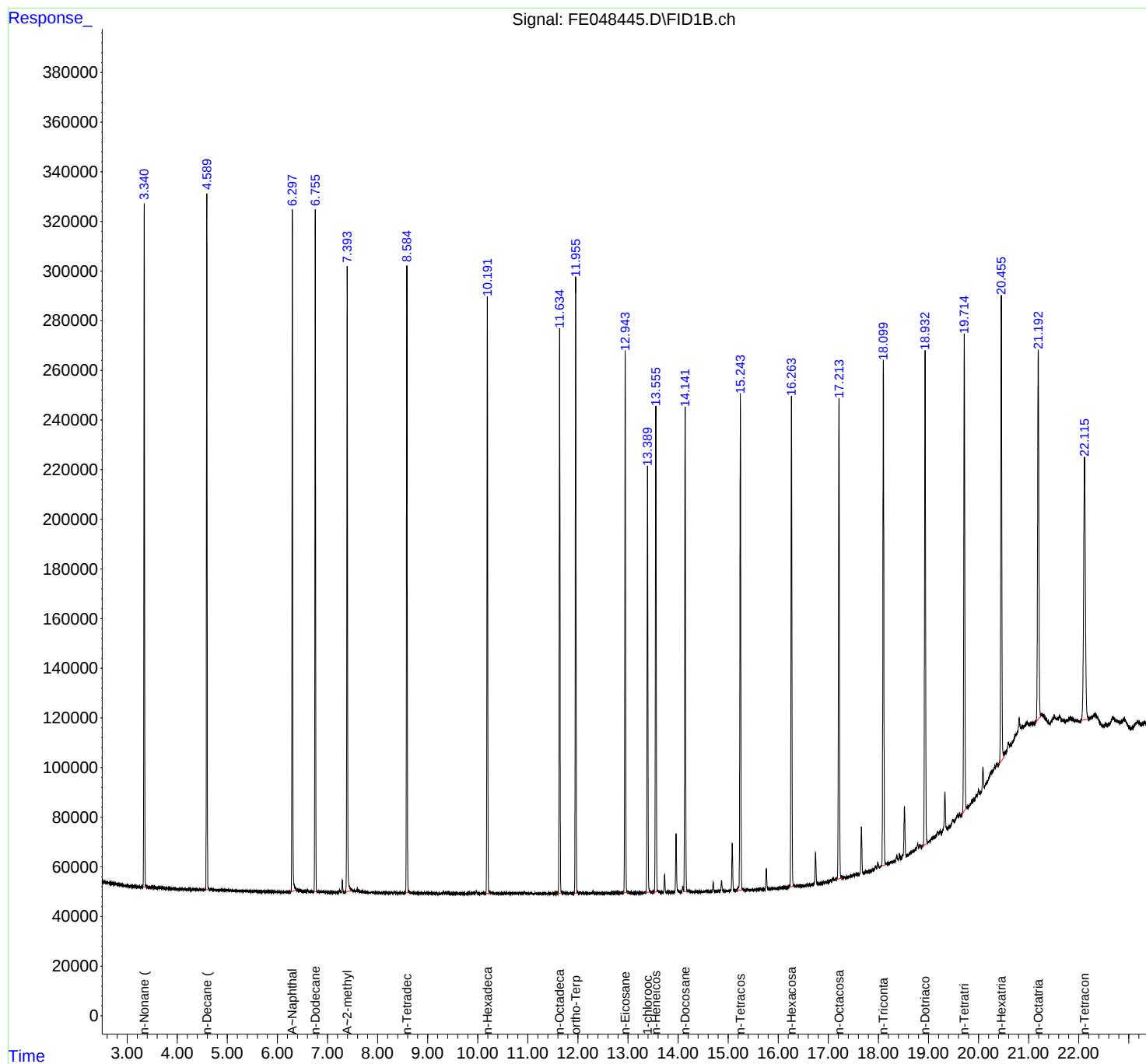
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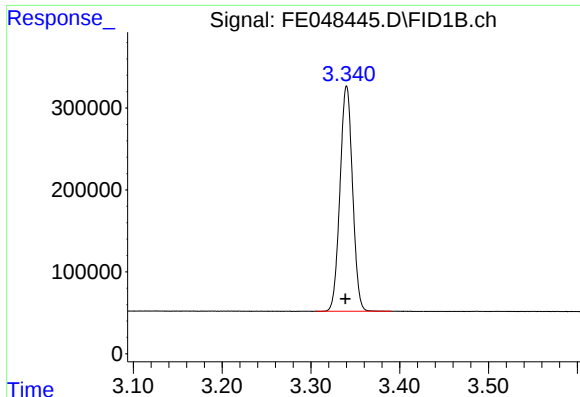
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053024AL\
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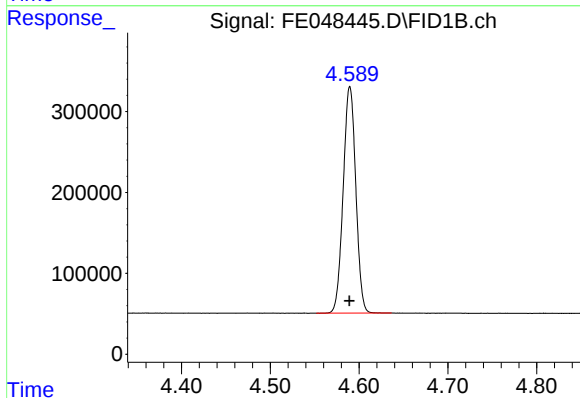




#1 n-Nonane (C9)

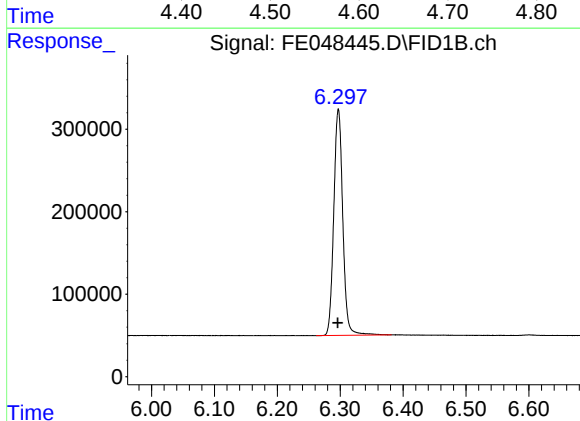
R.T.: 3.340 min
Delta R.T.: 0.001 min
Response: 2701003
Conc: 18.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



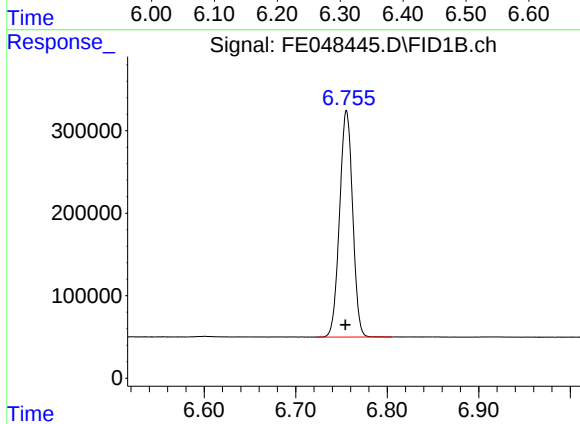
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 2764899
Conc: 18.31 ug/ml



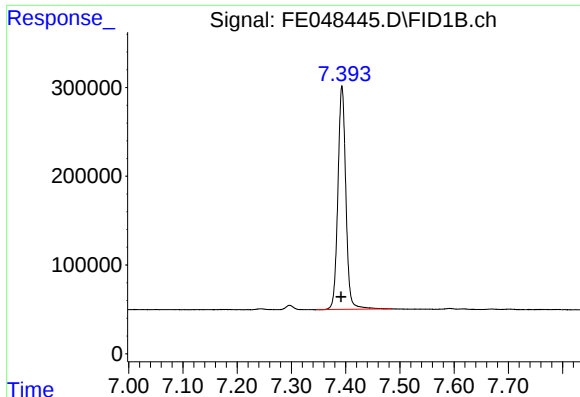
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: 0.001 min
Response: 2736458
Conc: 18.38 ug/ml



#4 n-Dodecane (C12)

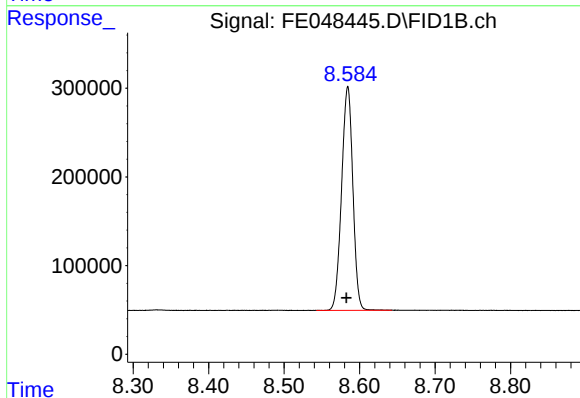
R.T.: 6.756 min
Delta R.T.: 0.001 min
Response: 2723573
Conc: 18.40 ug/ml



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

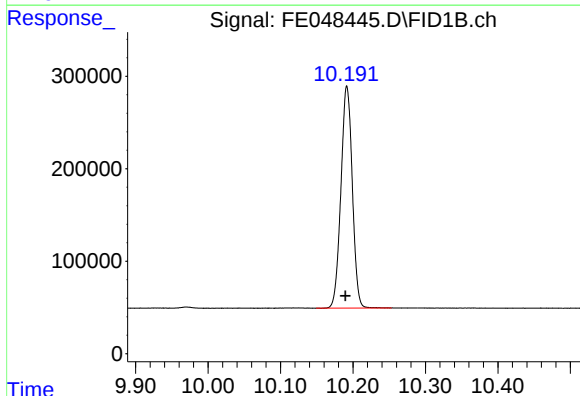
R.T.: 7.393 min
Delta R.T.: 0.002 min
Response: 2571099
Conc: 18.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



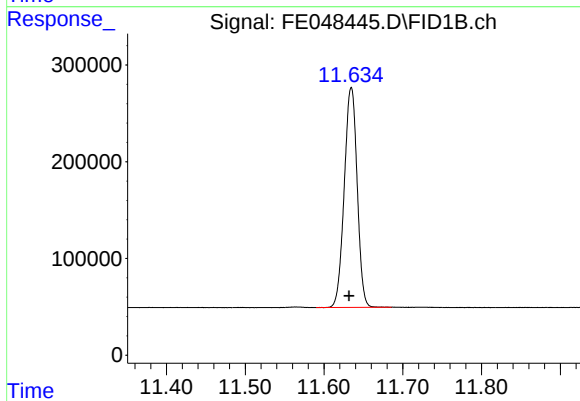
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.002 min
Response: 2613497
Conc: 18.43 ug/ml



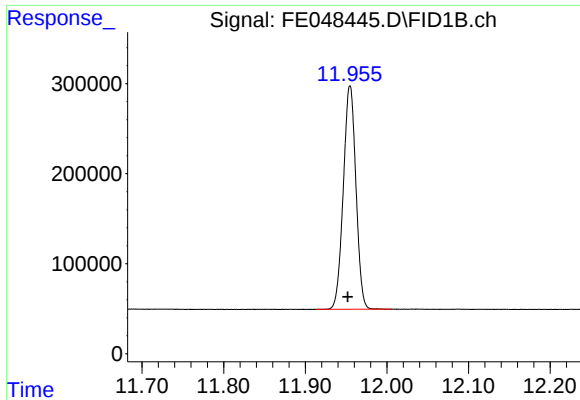
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.002 min
Response: 2619508
Conc: 18.58 ug/ml



#8 n-Octadecane (C18)

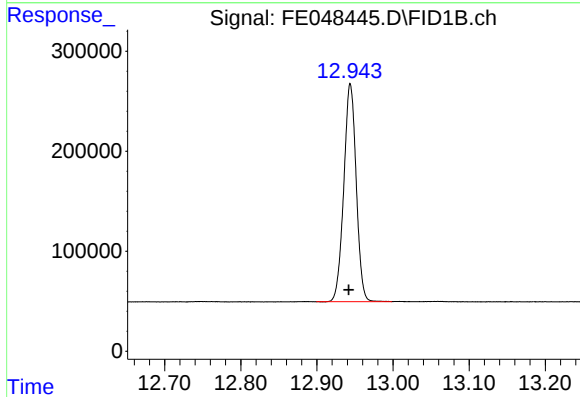
R.T.: 11.635 min
Delta R.T.: 0.003 min
Response: 2589555
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

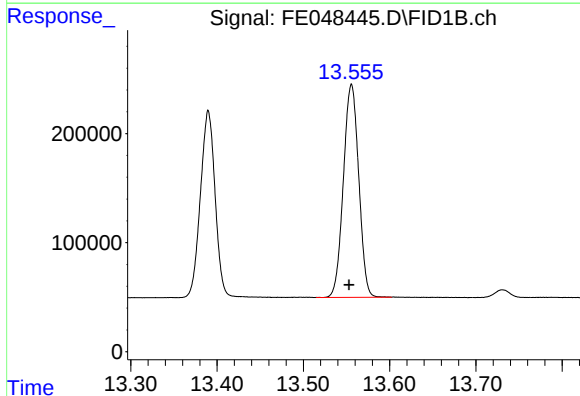
R.T.: 11.955 min
Delta R.T.: 0.003 min
Response: 2666002
Conc: 18.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



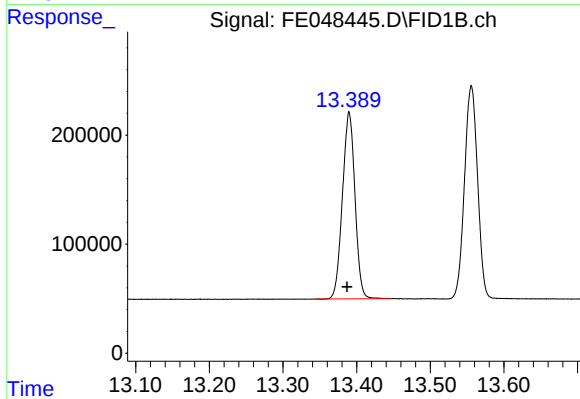
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.002 min
Response: 2469487
Conc: 18.66 ug/ml



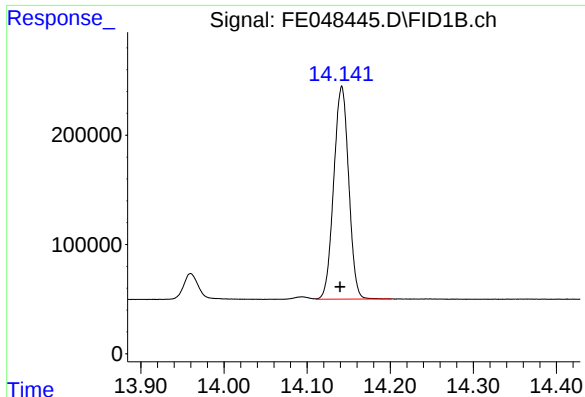
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.003 min
Response: 2411956
Conc: 18.62 ug/ml



#12 1-chlorooctadecane (SURR)

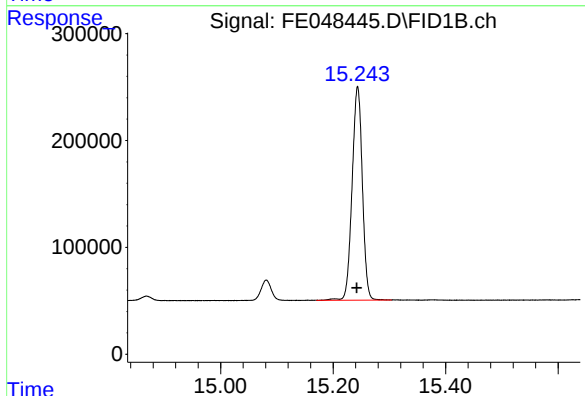
R.T.: 13.390 min
Delta R.T.: 0.003 min
Response: 2027182
Conc: 18.61 ug/ml



#13 n-Docosane (C22)

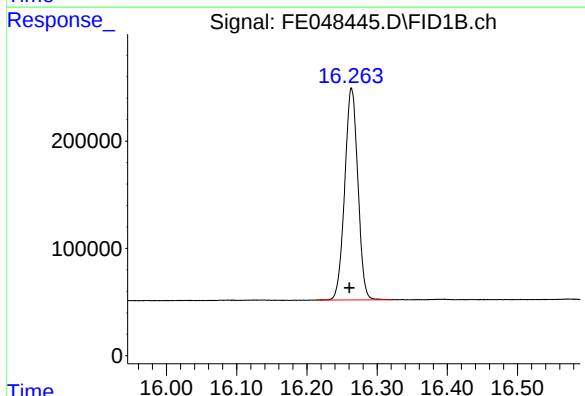
R.T.: 14.142 min
Delta R.T.: 0.002 min
Response: 2435531
Conc: 18.90 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



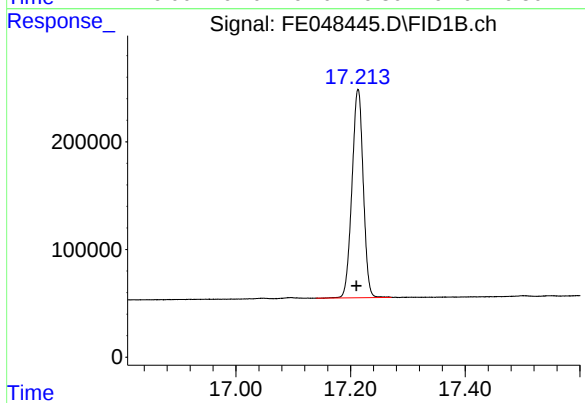
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.002 min
Response: 2529756
Conc: 19.53 ug/ml



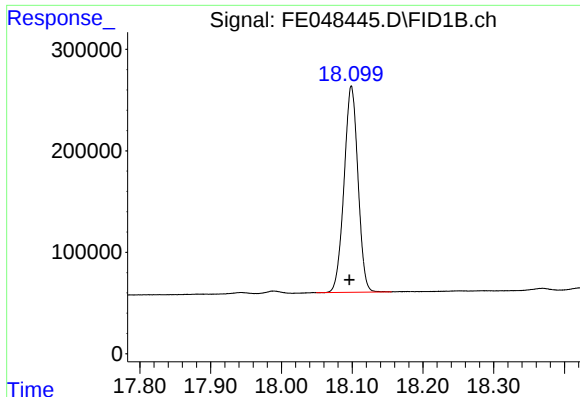
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.003 min
Response: 2567616
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

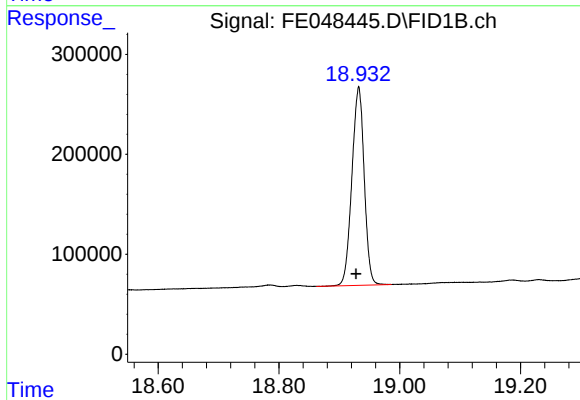
R.T.: 17.213 min
Delta R.T.: 0.003 min
Response: 2640852
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

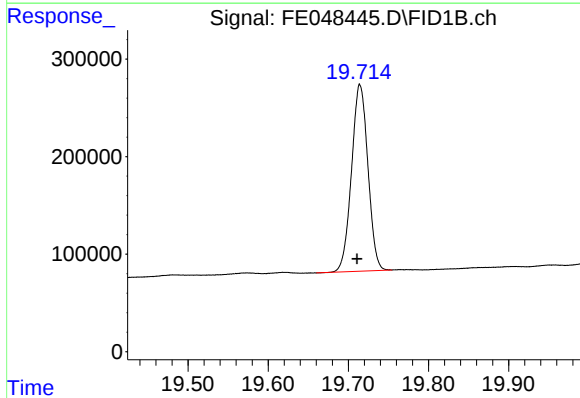
R.T.: 18.099 min
Delta R.T.: 0.003 min
Response: 2776057
Conc: 20.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



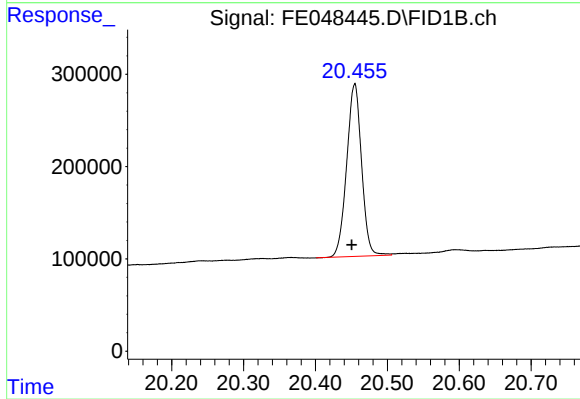
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.005 min
Response: 2807888
Conc: 20.69 ug/ml



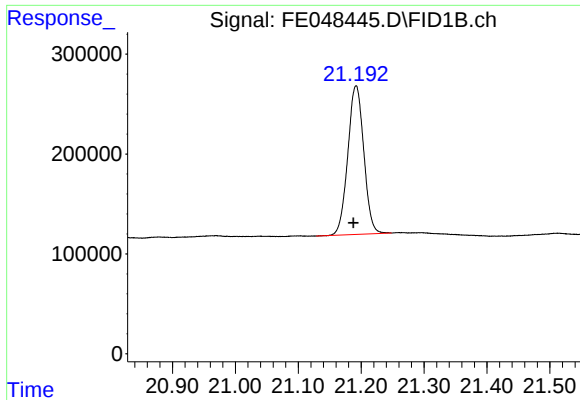
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.003 min
Response: 2719206
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

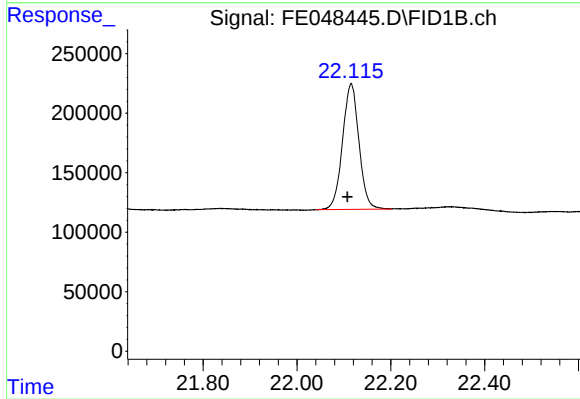
R.T.: 20.455 min
Delta R.T.: 0.004 min
Response: 2685524
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.004 min
Response: 2623301
Conc: 19.24 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: 0.008 min
Response: 2567694
Conc: 18.75 ug/ml