

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020223AL\
 Data File : FE040171.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2023 02:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 02 04:44:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:44:16 2023
 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)	11.898	3171193	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.335	2438874	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.293	2662369	20.000 ug/ml
2) T n-Decane (C10)	4.541	2601128	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.243	2909456	20.000 ug/ml
4) T n-Dodecane (C12)	6.706	2636344	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.338	2712465	20.000 ug/ml
6) T n-Tetradecane (C14)	8.531	2699016	20.000 ug/ml
7) T n-Hexadecane (C16)	10.139	2808393	20.000 ug/ml
8) T n-Octadecane (C18)	11.582	2906354	20.000 ug/ml
10) T n-Eicosane (C20)	12.890	2870592	20.000 ug/ml
11) T n-Heneicosane (C21)	13.502	2885346	20.000 ug/ml
13) T n-Docosane (C22)	14.088	2889399	20.000 ug/ml
14) T n-Tetracosane (C24)	15.192	2943626	20.000 ug/ml
15) T n-Hexacosane (C26)	16.213	2856223	20.000 ug/ml
16) T n-Octacosane (C28)	17.164	2861543	20.000 ug/ml
17) T n-Tricontane (C30)	18.052	2807530	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.887	2775201	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2635812	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.410	2592013	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.143	2530823	20.000 ug/ml
22) T n-Tetracontane (C40)	22.041	2614196	20.000 ug/ml

(f)=RT Delta > 1/2 Window

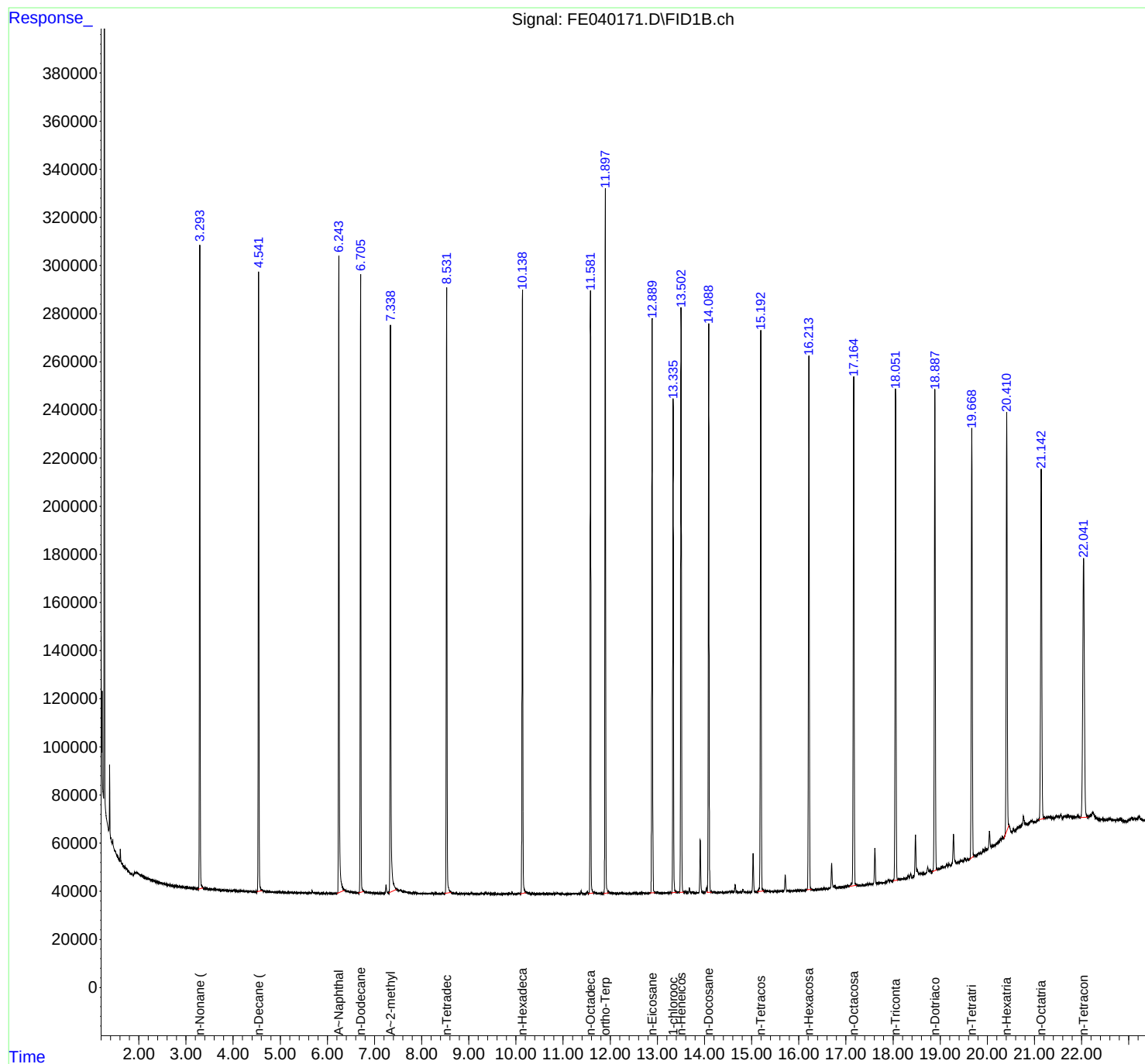
(m)=manual int.

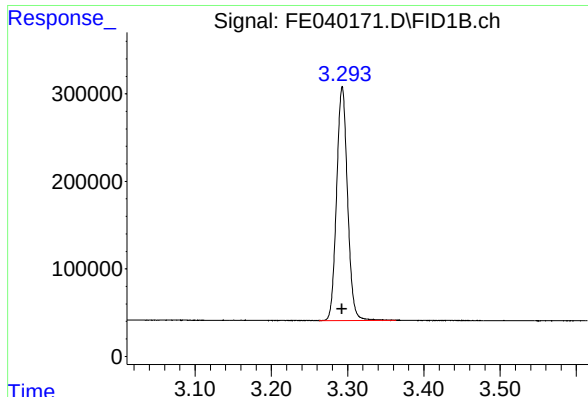
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Signal Info : 20M x 0.18mm x 0.18um

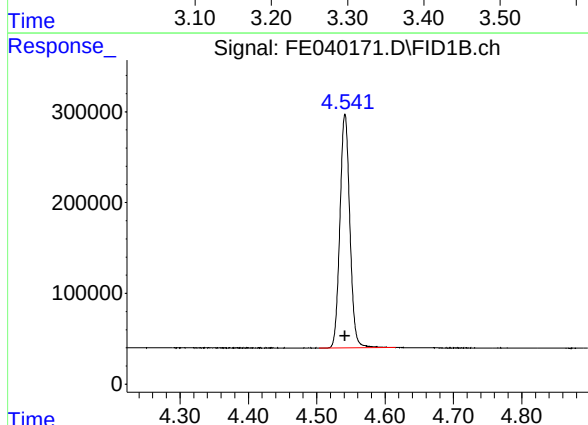




#1 n-Nonane (C9)

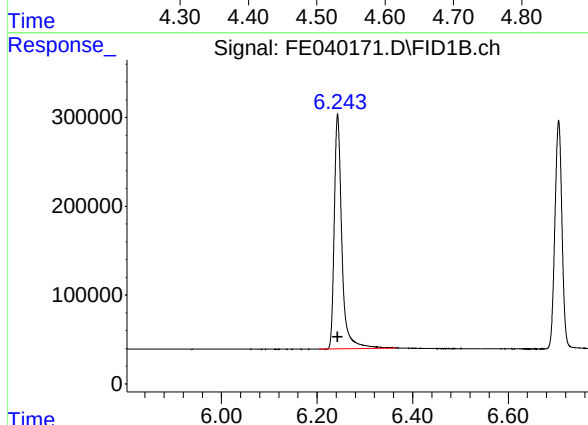
R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 2662369
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



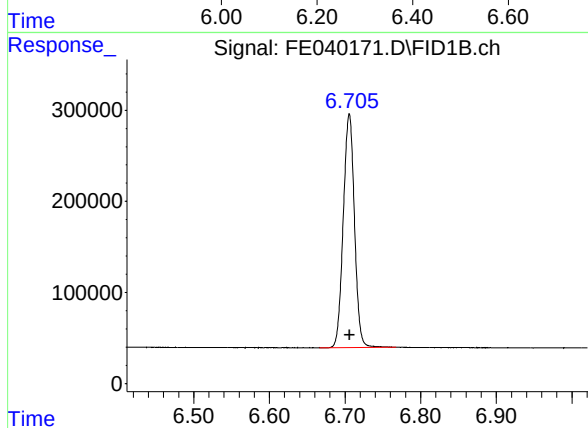
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 2601128
Conc: 20.00 ug/ml



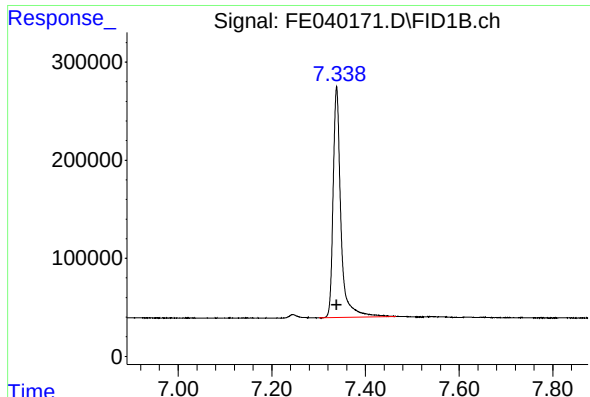
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 2909456
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

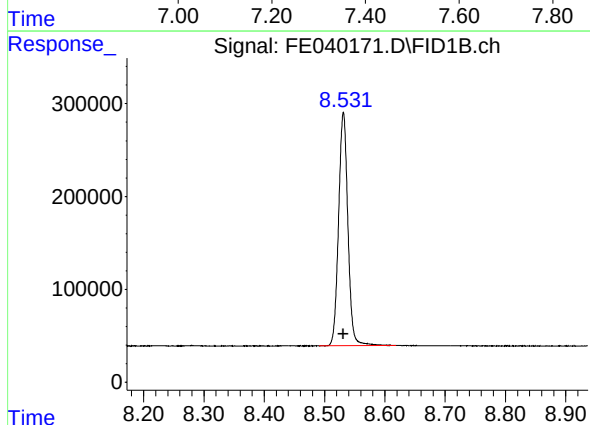
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 2636344
Conc: 20.00 ug/ml



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

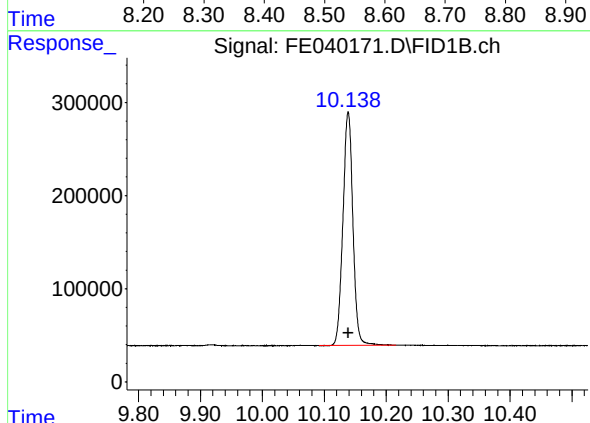
R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 2712465
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



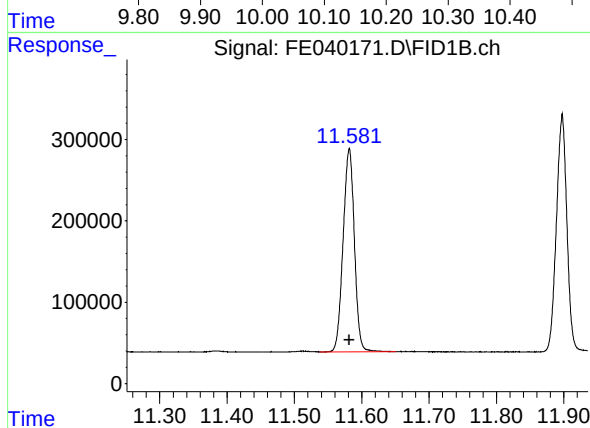
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 2699016
Conc: 20.00 ug/ml



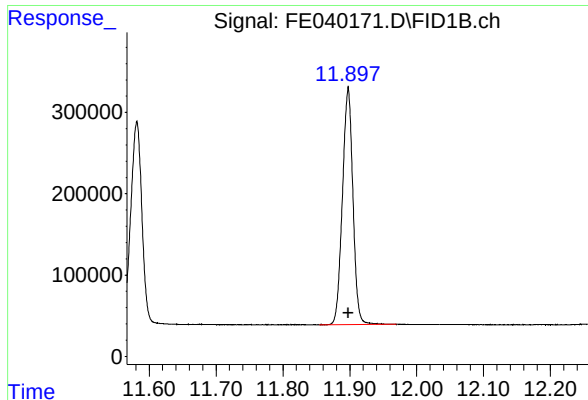
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 2808393
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

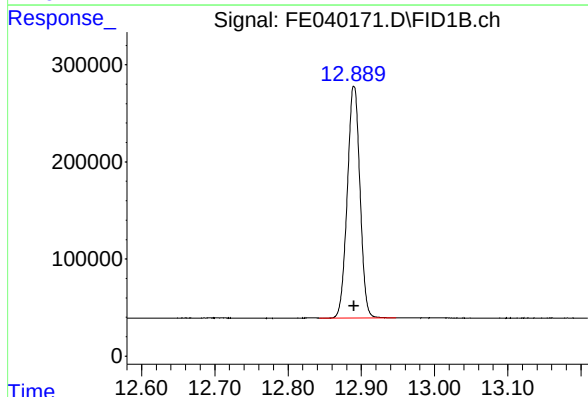
R.T.: 11.582 min
Delta R.T.: 0.000 min
Response: 2906354
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

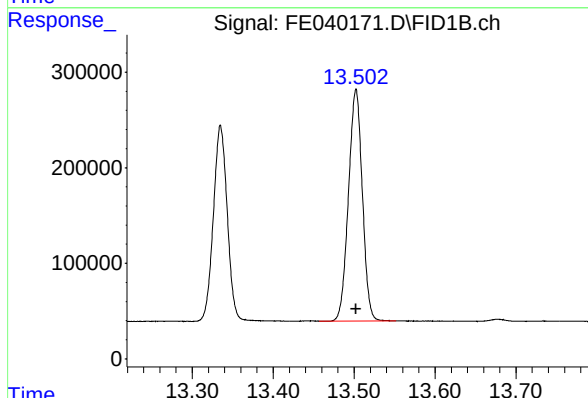
R.T.: 11.898 min
Delta R.T.: 0.000 min
Response: 3171193
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



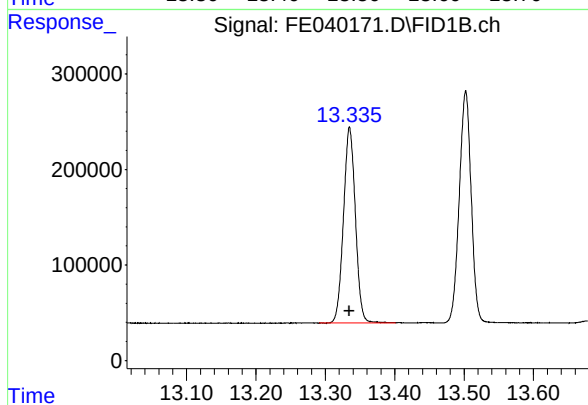
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: 0.000 min
Response: 2870592
Conc: 20.00 ug/ml



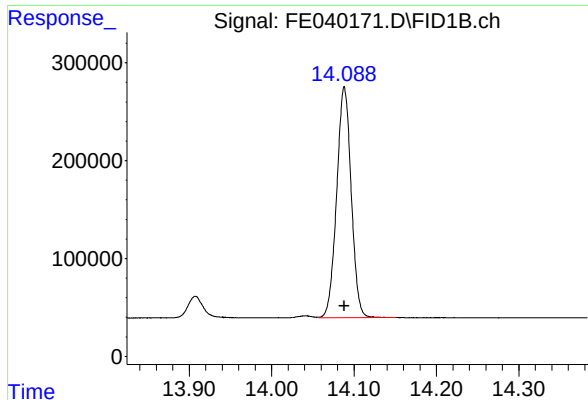
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: 0.000 min
Response: 2885346
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

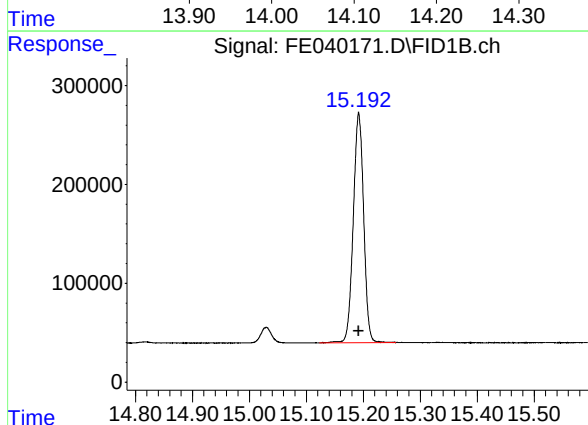
R.T.: 13.335 min
Delta R.T.: 0.000 min
Response: 2438874
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

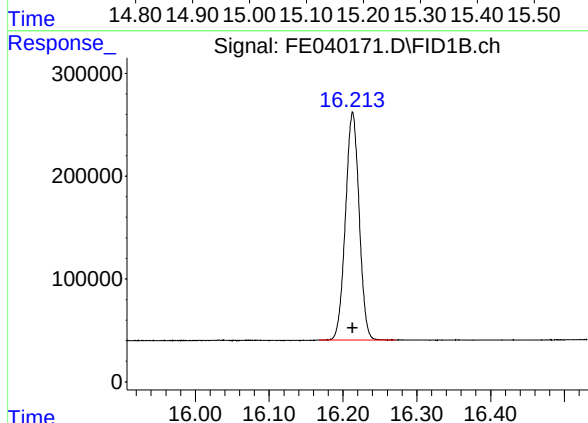
R.T.: 14.088 min
Delta R.T.: 0.000 min
Response: 2889399
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



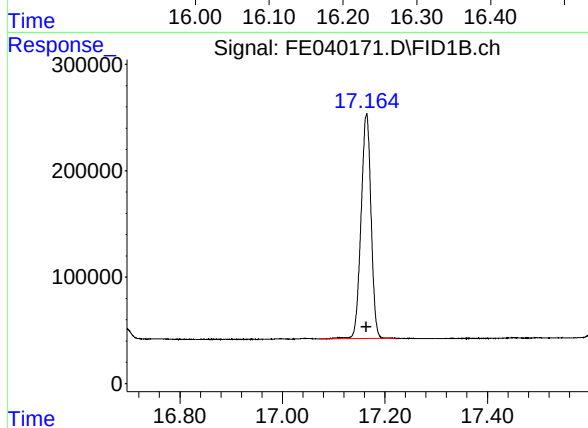
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: 0.000 min
Response: 2943626
Conc: 20.00 ug/ml



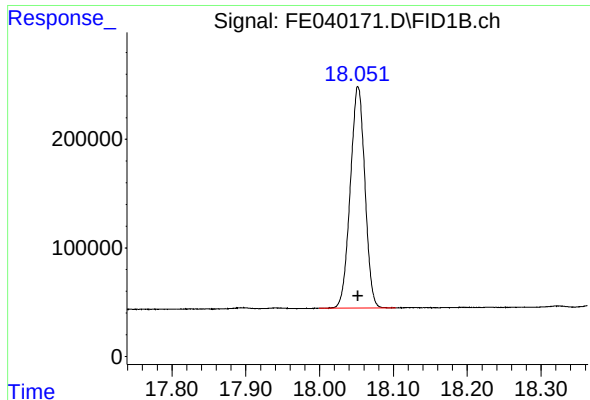
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 2856223
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

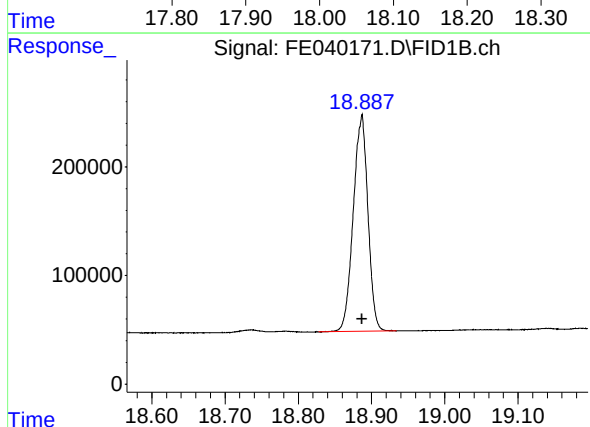
R.T.: 17.164 min
Delta R.T.: 0.000 min
Response: 2861543
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

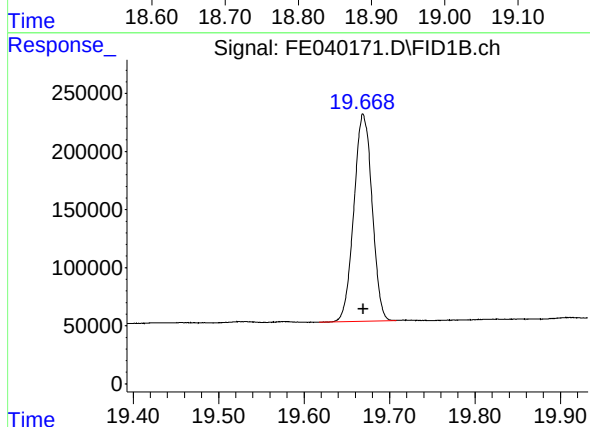
R.T.: 18.052 min
Delta R.T.: 0.000 min
Response: 2807530
Conc: 20.00 ug/ml

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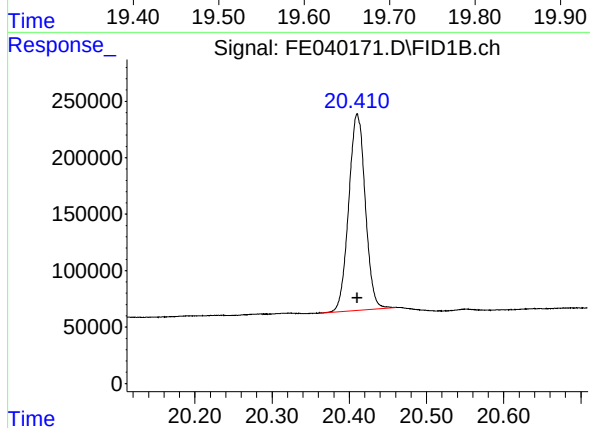
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: 0.000 min
Response: 2775201
Conc: 20.00 ug/ml



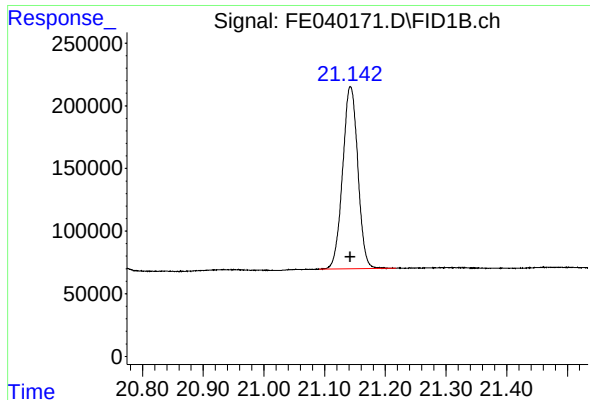
#19 n-Tetatriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.000 min
Response: 2635812
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

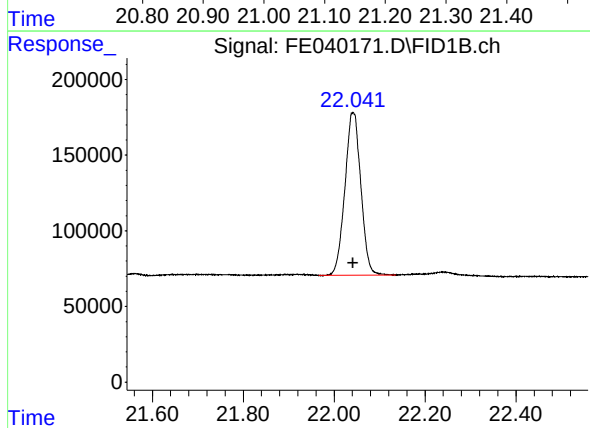
R.T.: 20.410 min
Delta R.T.: 0.000 min
Response: 2592013
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.000 min
Response: 2530823
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: 0.000 min
Response: 2614196
Conc: 20.00 ug/ml