

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032294.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 8:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 07 05:58:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 06:50:50 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.532	2979886	19.556 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
12) S 1-chlorooctadecane (S...	12.963	2300372	19.483 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T n-Nonane (C9)	3.332	2656378	19.631 ug/ml
2) T n-Decane (C10)	4.393	2667415	19.695 ug/ml
3) T A~Naphthalene (C11.7)	5.970	2988419	19.572 ug/ml
4) T n-Dodecane (C12)	6.402	2691970	19.679 ug/ml
5) T A~2-methylnaphthalene...	7.021	3019354	19.637 ug/ml
6) T n-Tetradecane (C14)	8.188	2700190	19.566 ug/ml
7) T n-Hexadecane (C16)	9.782	2710164	19.670 ug/ml
8) T n-Octadecane (C18)	11.218	2717141	19.642 ug/ml
10) T n-Eicosane (C20)	12.521	2710620	19.571 ug/ml
11) T n-Heneicosane (C21)	13.130	2718831	19.443 ug/ml
13) T n-Docosane (C22)	13.714	2715385	19.573 ug/ml
14) T n-Tetracosane (C24)	14.812	2708192	19.508 ug/ml
15) T n-Hexacosane (C26)	15.829	2693350	19.677 ug/ml
16) T n-Octacosane (C28)	16.776	2635335	19.655 ug/ml
17) T n-Tricontane (C30)	17.658	2511593	19.521 ug/ml
18) T n-Dotriacontane (C32)	18.488	2118315	19.026 ug/ml
19) T n-Tetratriacontane (C34)	19.267	1759325	19.033 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1714288	19.411 ug/ml
21) T n-Octatriacontane (C38)	20.722	1426796	18.505 ug/ml
22) T n-Tetracontane (C40)	21.591	1504098	16.984 ug/ml

(f)=RT Delta > 1/2 Window

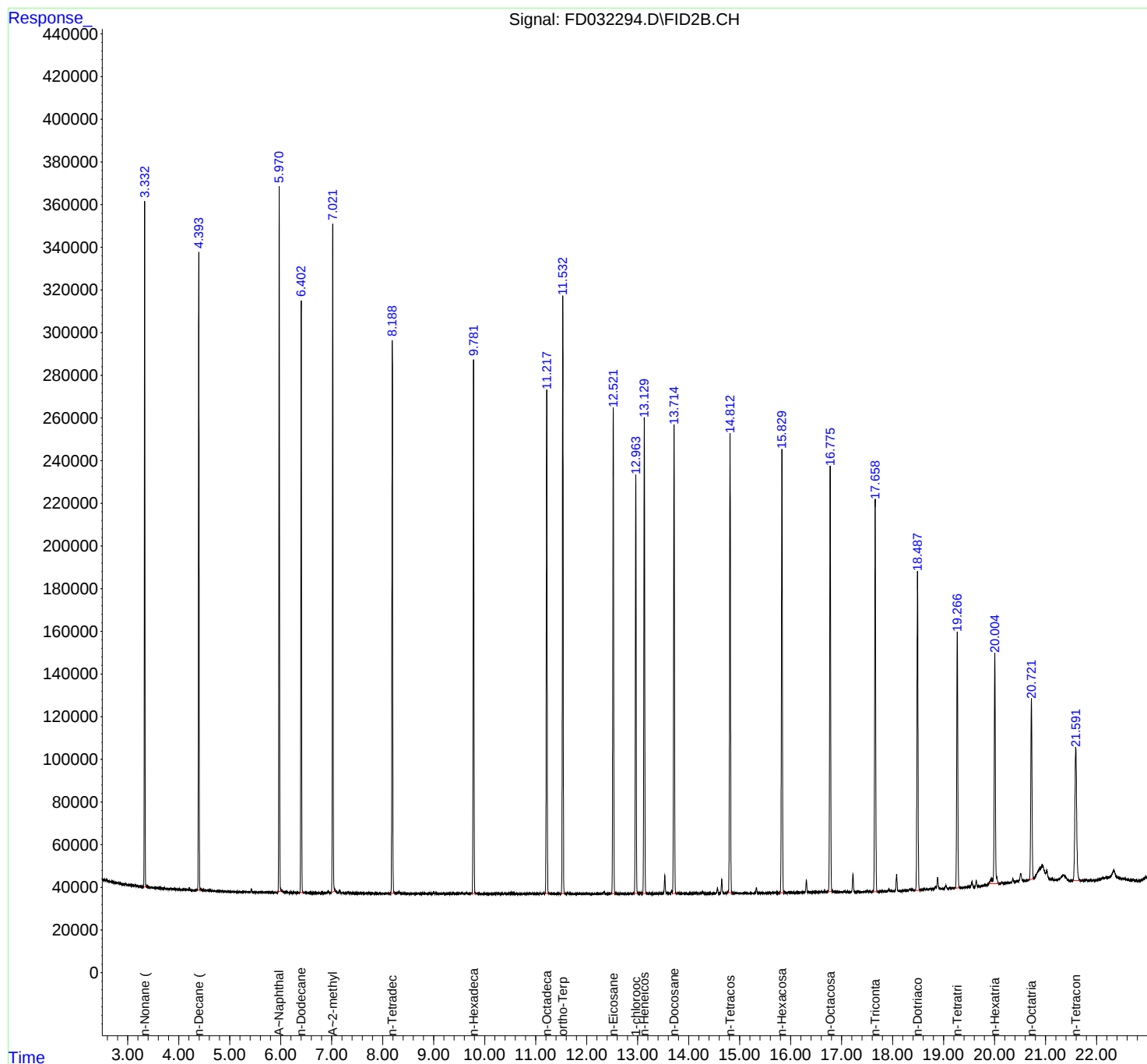
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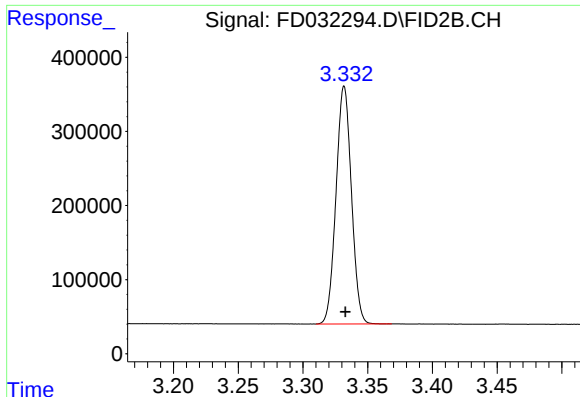
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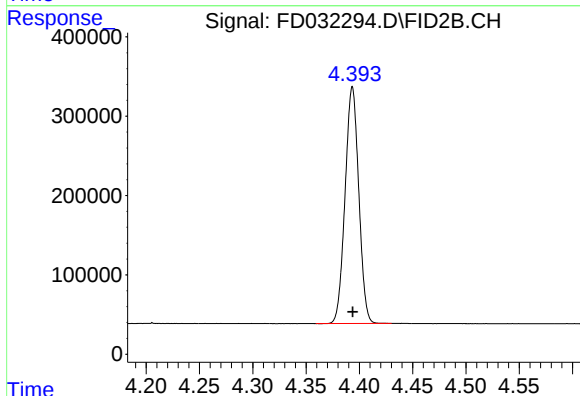




#1 n-Nonane (C9)

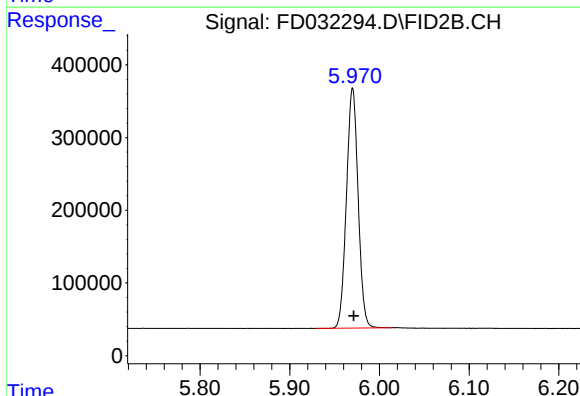
R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 2656378
Conc: 19.63 ug/ml

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20 PPM ALIPHATIC HC STD



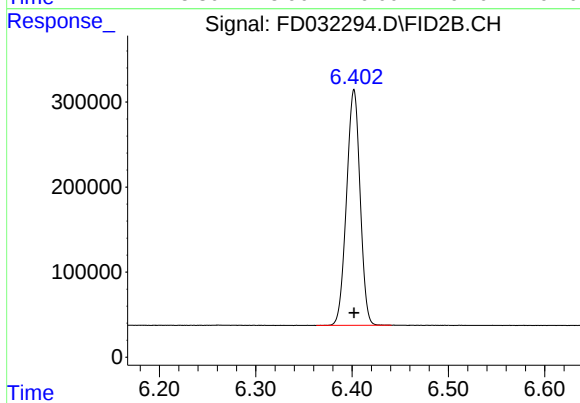
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 2667415
Conc: 19.70 ug/ml



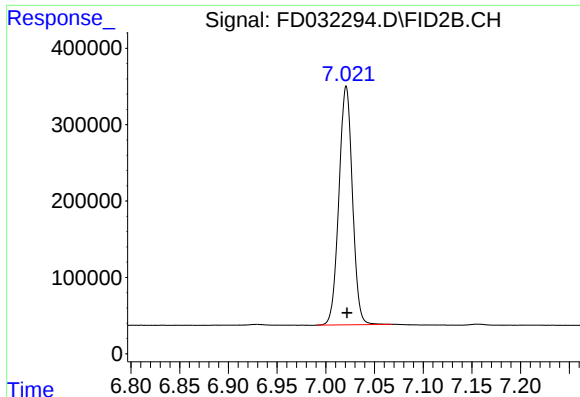
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.001 min
Response: 2988419
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

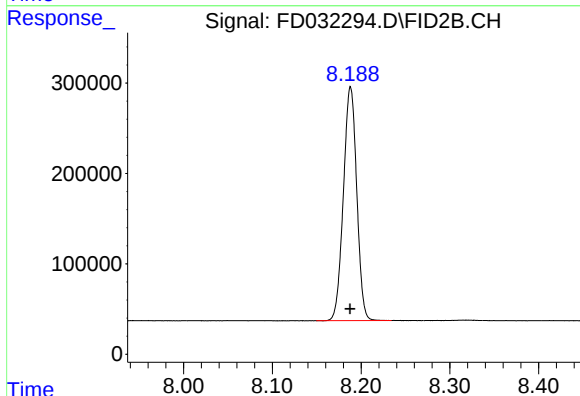
R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 2691970
Conc: 19.68 ug/ml



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

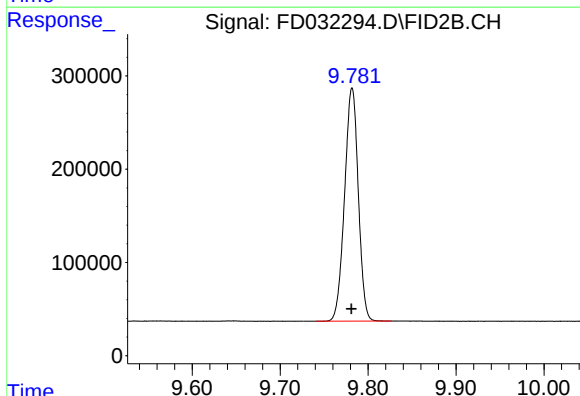
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 3019354
Conc: 19.64 ug/ml

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20 PPM ALIPHATIC HC STD



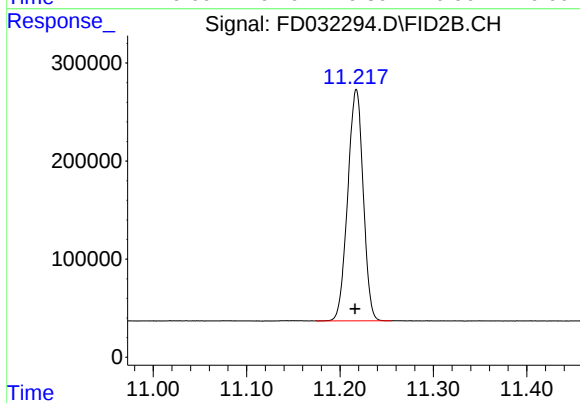
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 2700190
Conc: 19.57 ug/ml



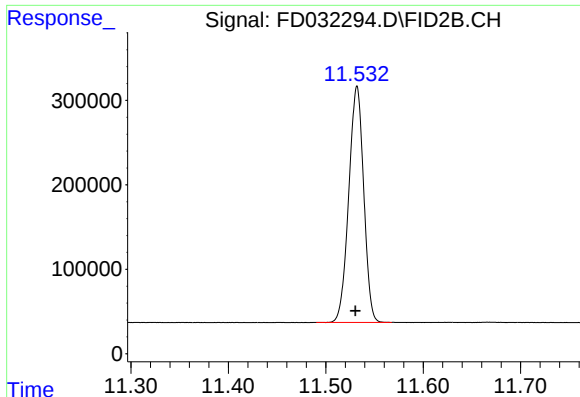
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: 0.000 min
Response: 2710164
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

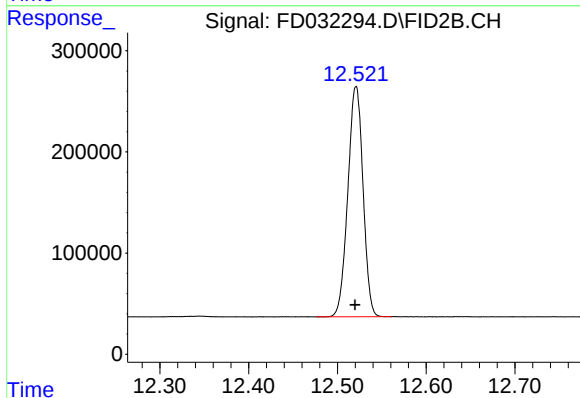
R.T.: 11.218 min
Delta R.T.: 0.001 min
Response: 2717141
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

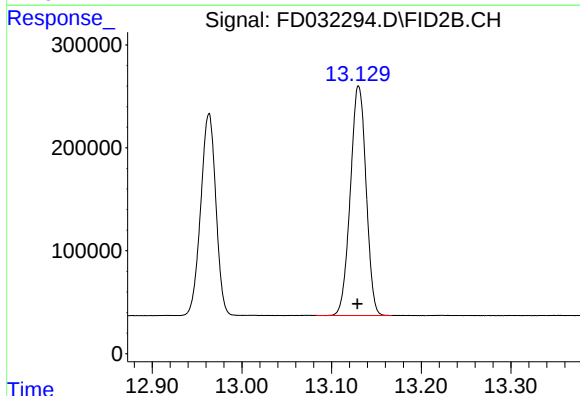
R.T.: 11.532 min
Delta R.T.: 0.002 min
Response: 2979886
Conc: 19.56 ug/ml

Instrument :
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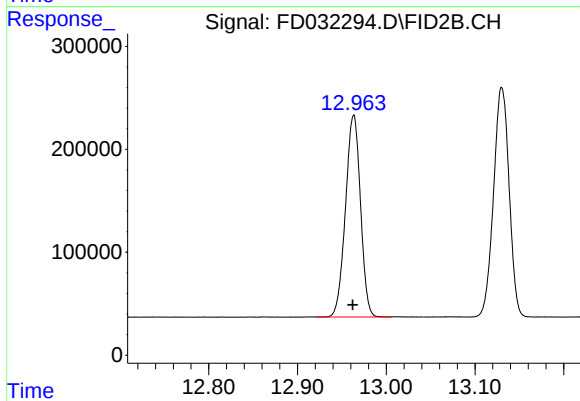
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: 0.000 min
Response: 2710620
Conc: 19.57 ug/ml



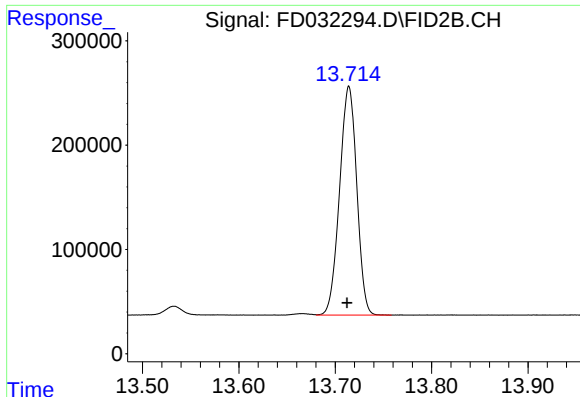
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: 0.001 min
Response: 2718831
Conc: 19.44 ug/ml



#12 1-chlorooctadecane (SURR)

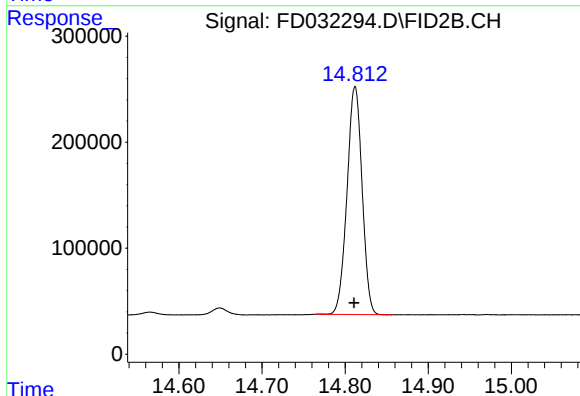
R.T.: 12.963 min
Delta R.T.: 0.001 min
Response: 2300372
Conc: 19.48 ug/ml



#13 n-Docosane (C22)

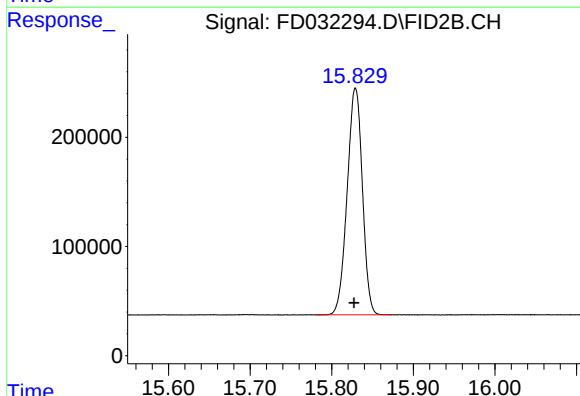
R.T.: 13.714 min
Delta R.T.: 0.002 min
Response: 2715385
Conc: 19.57 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



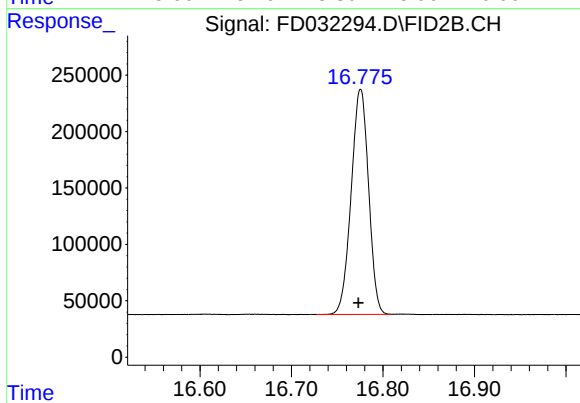
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: 0.001 min
Response: 2708192
Conc: 19.51 ug/ml



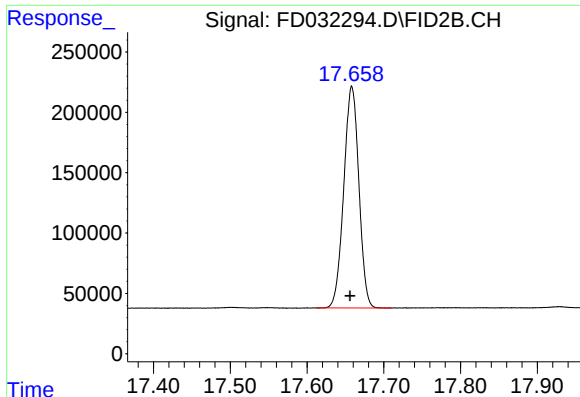
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: 0.002 min
Response: 2693350
Conc: 19.68 ug/ml



#16 n-Octacosane (C28)

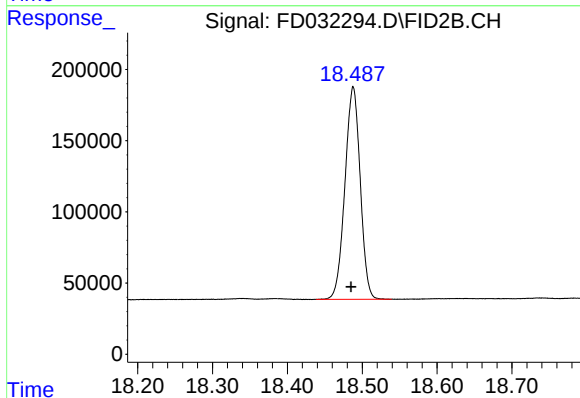
R.T.: 16.776 min
Delta R.T.: 0.002 min
Response: 2635335
Conc: 19.66 ug/ml



#17 n-Tricontane (C30)

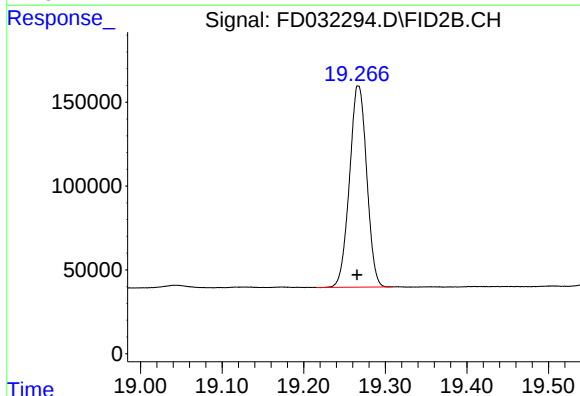
R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 2511593
Conc: 19.52 ug/ml

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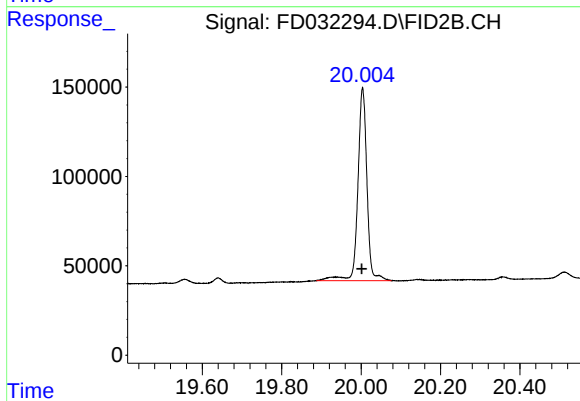
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.003 min
Response: 2118315
Conc: 19.03 ug/ml



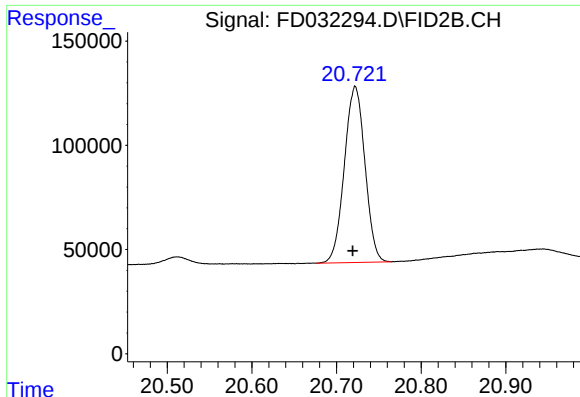
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.002 min
Response: 1759325
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

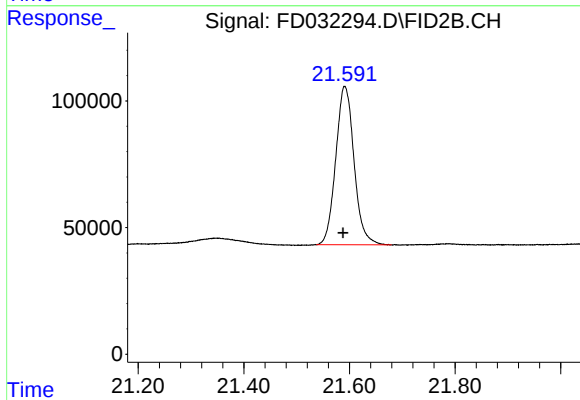
R.T.: 20.004 min
Delta R.T.: 0.002 min
Response: 1714288
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.003 min
Response: 1426796
Conc: 18.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.003 min
Response: 1504098
Conc: 16.98 ug/ml