

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092722AL\
 Data File : FE037816.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2022 14:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 28 01:40:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.615	3239423	19.169 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
12) S 1-chlorooctadecane (S...	13.037	2493958	19.378 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
Target Compounds			
1) T n-Nonane (C9)	3.008	2934813	19.181 ug/ml
2) T n-Decane (C10)	4.267	3004868	19.490 ug/ml
3) T A~Naphthalene (C11.7)	5.985	2938830	20.398 ug/ml
4) T n-Dodecane (C12)	6.440	3086175	19.516 ug/ml
5) T A~2-methylnaphthalene...	7.078	2861236	20.494 ug/ml
6) T n-Tetradecane (C14)	9.857	3116572	19.669 ug/ml
7) T n-Hexadecane (C16)	9.857	3116572	19.669 ug/ml
8) T n-Octadecane (C18)	11.293	3124204	19.619 ug/ml
10) T n-Eicosane (C20)	12.594	3056287	19.317 ug/ml
11) T n-Heneicosane (C21)	13.203	3023046	19.171 ug/ml
13) T n-Docosane (C22)	13.786	2978168	19.131 ug/ml
14) T n-Tetracosane (C24)	14.883	2899113	19.276 ug/ml
15) T n-Hexacosane (C26)	15.898	2814111	19.434 ug/ml
16) T n-Octacosane (C28)	16.842	2795443	20.178 ug/ml
17) T n-Tricontane (C30)	17.725	2923662	21.492 ug/ml
18) T n-Dotriacontane (C32)	18.552	2999955	22.466 ug/ml
19) T n-Tetratriacontane (C34)	19.332	2836314	22.417 ug/ml
20) T n-Hexatriacontane (C36)	20.068	2731714	21.240 ug/ml
21) T n-Octatriacontane (C38)	20.764	2683814	21.564 ug/ml
22) T n-Tetracontane (C40)	21.535	2436117	18.897 ug/ml

(f)=RT Delta > 1/2 Window

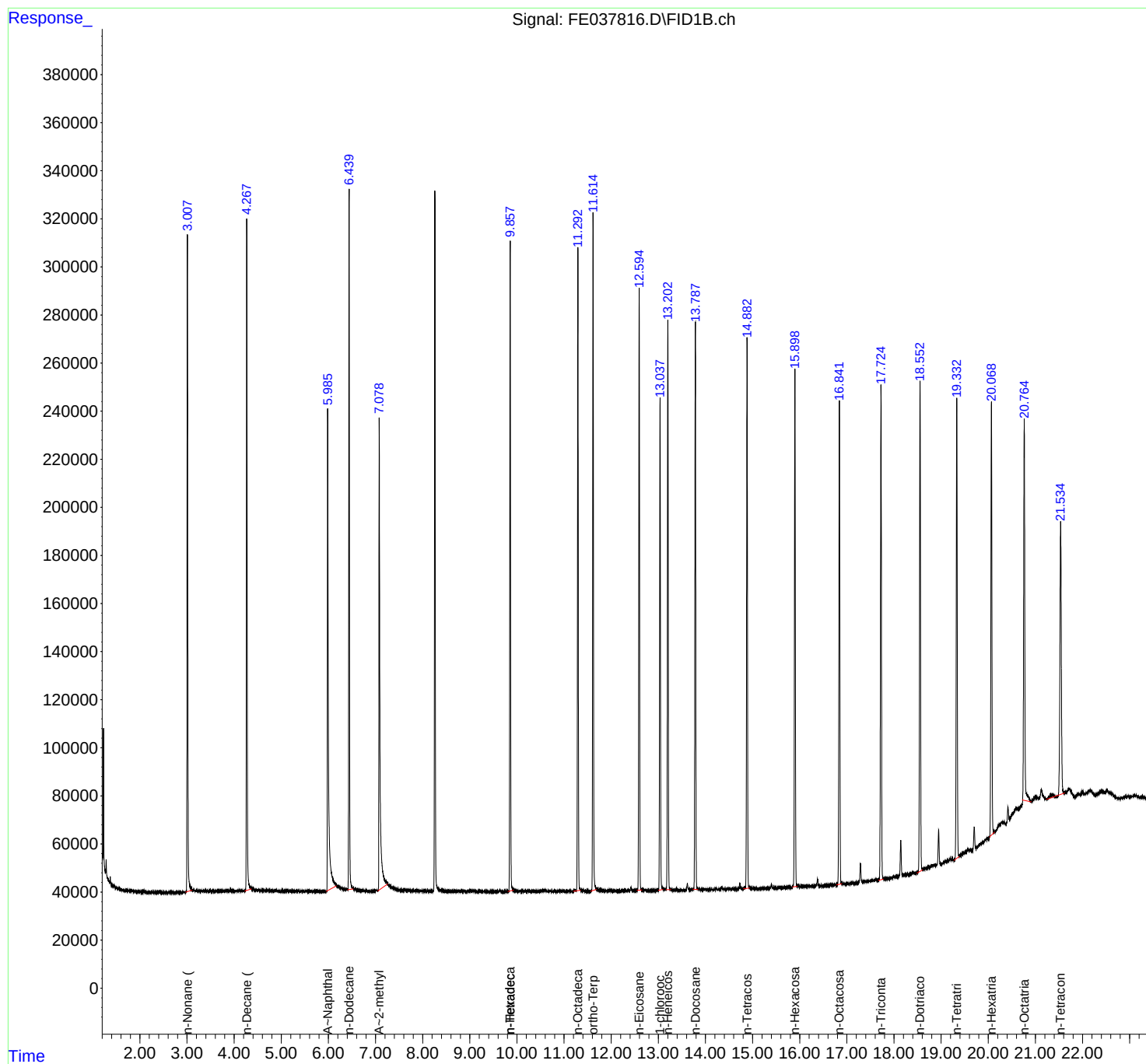
(m)=manual int.

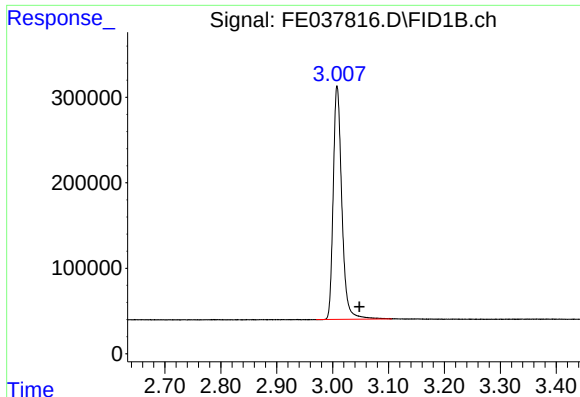
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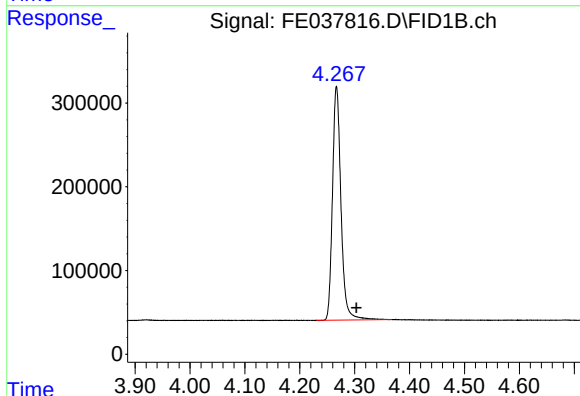




#1 n-Nonane (C9)

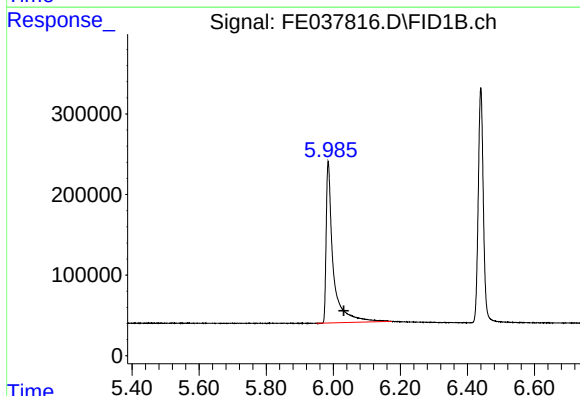
R.T.: 3.008 min
Delta R.T.: -0.040 min
Response: 2934813
Conc: 19.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



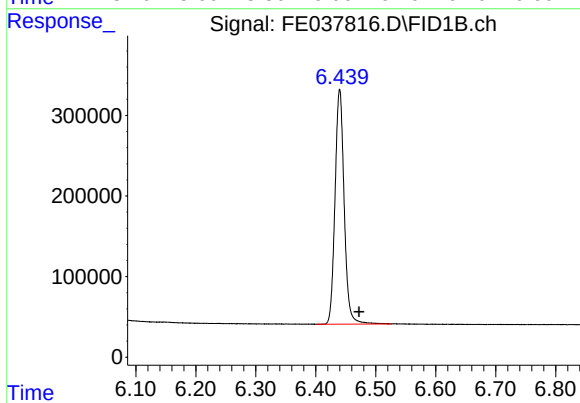
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: -0.036 min
Response: 3004868
Conc: 19.49 ug/ml



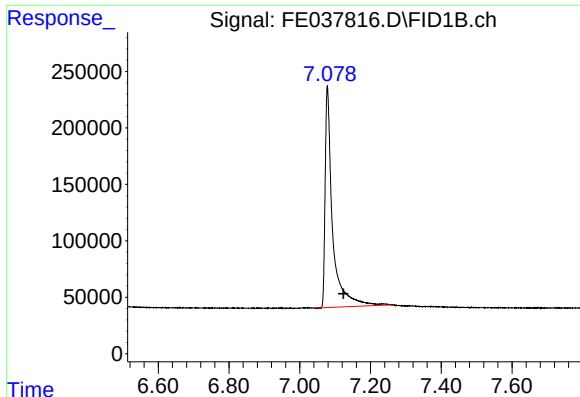
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.046 min
Response: 2938830
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

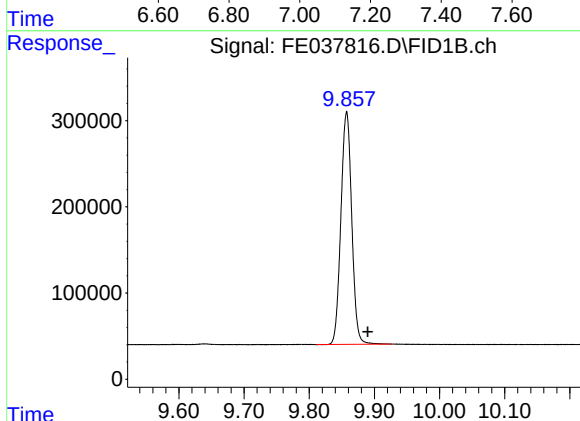
R.T.: 6.440 min
Delta R.T.: -0.032 min
Response: 3086175
Conc: 19.52 ug/ml



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

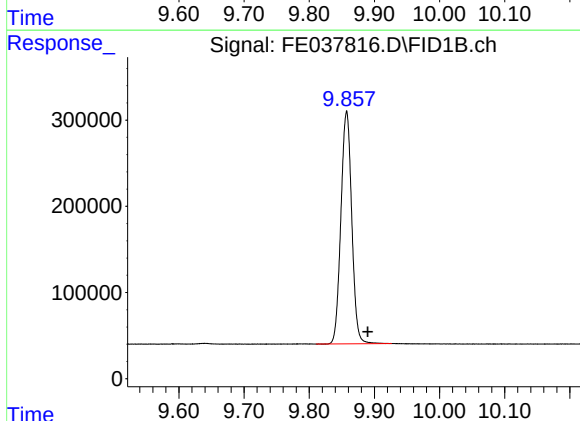
R.T.: 7.078 min
Delta R.T.: -0.045 min
Response: 2861236
Conc: 20.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



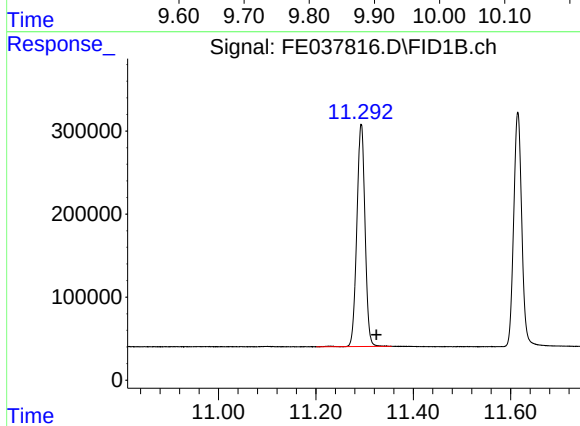
#6 n-Tetradecane (C14)

R.T.: 9.857 min
Delta R.T.: -0.032 min
Response: 3116572
Conc: 19.67 ug/ml



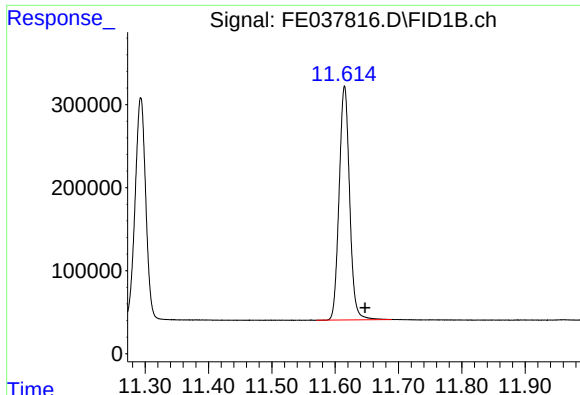
#7 n-Hexadecane (C16)

R.T.: 9.857 min
Delta R.T.: -0.032 min
Response: 3116572
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

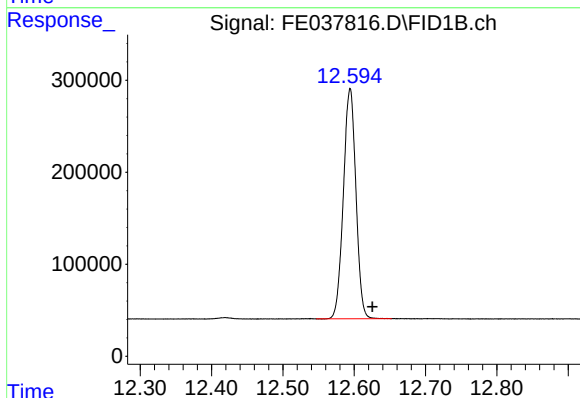
R.T.: 11.293 min
Delta R.T.: -0.031 min
Response: 3124204
Conc: 19.62 ug/ml



#9 ortho-Terphenyl (SURR)

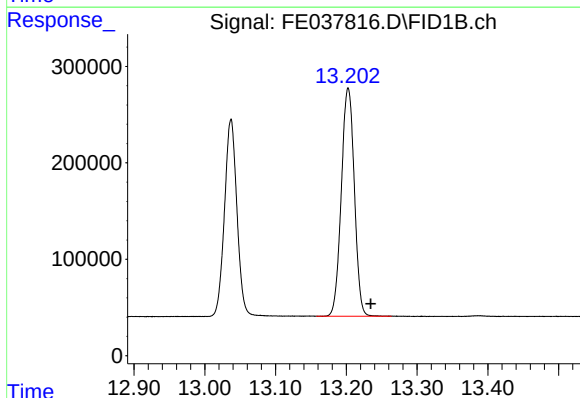
R.T.: 11.615 min
Delta R.T.: -0.032 min
Response: 3239423
Conc: 19.17 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



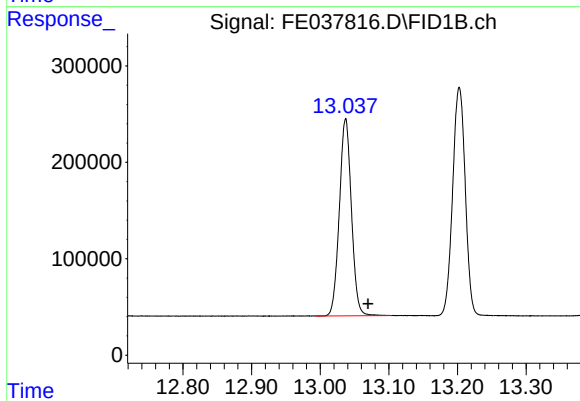
#10 n-Eicosane (C20)

R.T.: 12.594 min
Delta R.T.: -0.031 min
Response: 3056287
Conc: 19.32 ug/ml



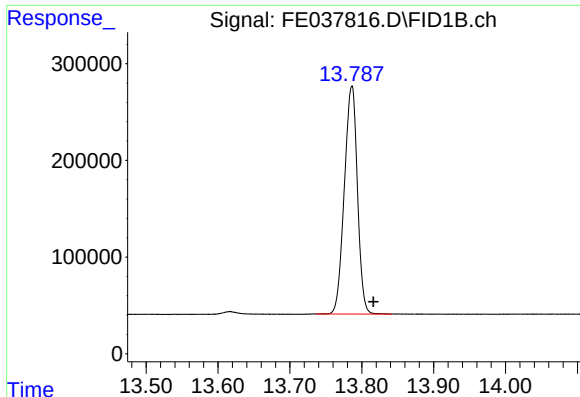
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.032 min
Response: 3023046
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

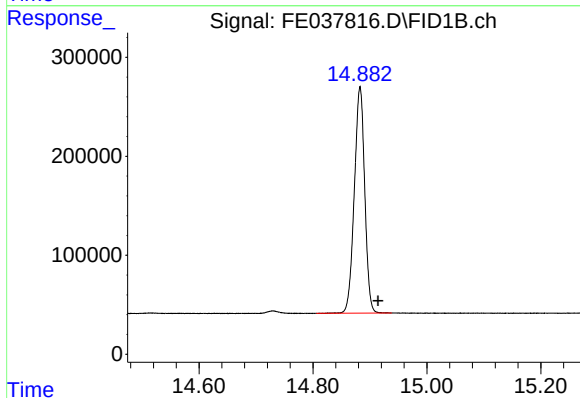
R.T.: 13.037 min
Delta R.T.: -0.033 min
Response: 2493958
Conc: 19.38 ug/ml



#13 n-Docosane (C22)

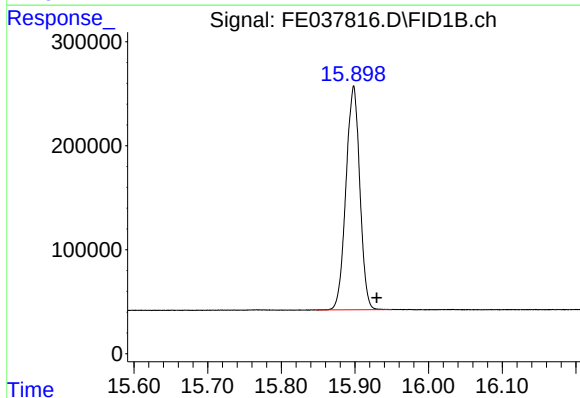
R.T.: 13.786 min
Delta R.T.: -0.030 min
Response: 2978168
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



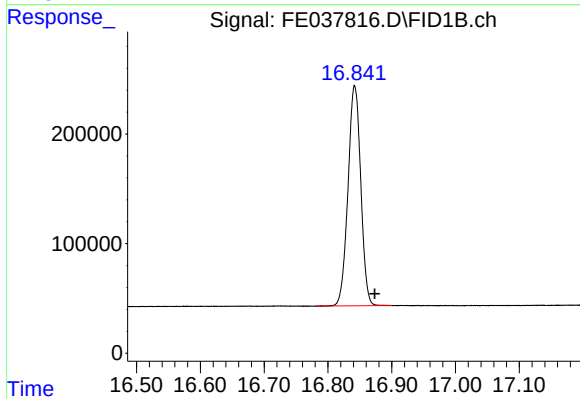
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: -0.032 min
Response: 2899113
Conc: 19.28 ug/ml



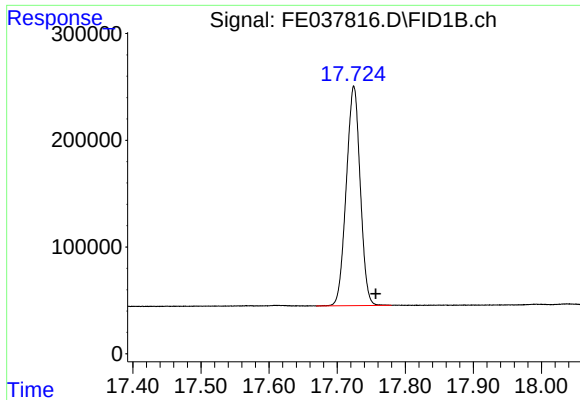
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: -0.031 min
Response: 2814111
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

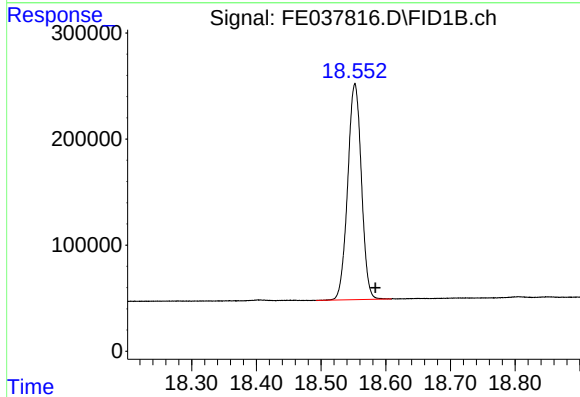
R.T.: 16.842 min
Delta R.T.: -0.032 min
Response: 2795443
Conc: 20.18 ug/ml



#17 n-Tricontane (C30)

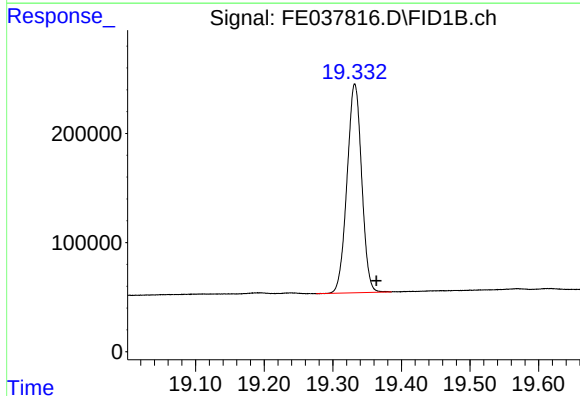
R.T.: 17.725 min
Delta R.T.: -0.032 min
Response: 2923662
Conc: 21.49 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



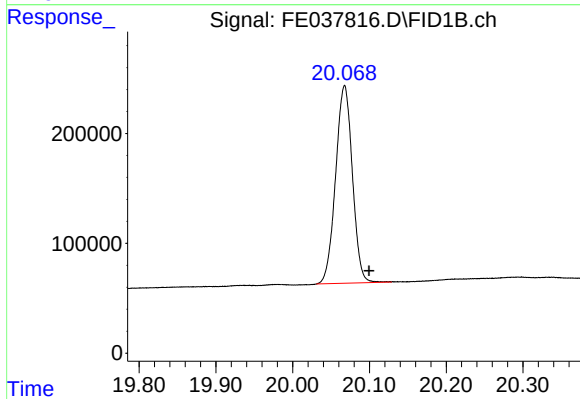
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.032 min
Response: 2999955
Conc: 22.47 ug/ml



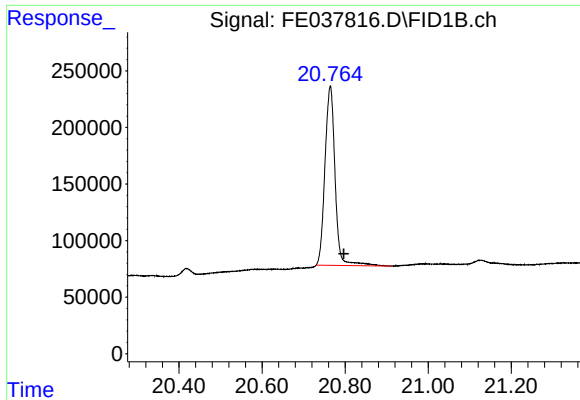
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: -0.031 min
Response: 2836314
Conc: 22.42 ug/ml



#20 n-Hexatriacontane (C36)

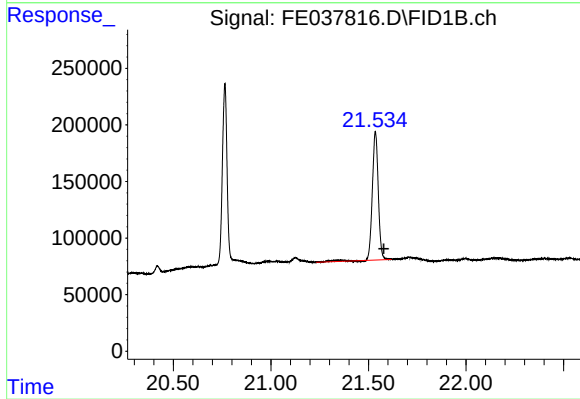
R.T.: 20.068 min
Delta R.T.: -0.032 min
Response: 2731714
Conc: 21.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.032 min
Response: 2683814
Conc: 21.56 ug/ml

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FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.535 min
Delta R.T.: -0.043 min
Response: 2436117
Conc: 18.90 ug/ml