

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040523AL\
 Data File : FE041177.D
 Signal(s) : FID1B.ch
 Acq On : 05 Apr 2023 12:31
 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: sample.E
 Quant Time: Apr 05 15:18:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.848	3461271	18.417 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	13.287	2682240	18.642 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
Target Compounds			
1) T n-Nonane (C9)	3.246	3147698	18.141 ug/ml
2) T n-Decane (C10)	4.493	3160601	18.568 ug/ml
3) T A~Naphthalene (C11.7)	6.195	3444812	18.833 ug/ml
4) T n-Dodecane (C12)	6.657	3228738	18.614 ug/ml
5) T A~2-methylnaphthalene...	7.290	3245738	19.598 ug/ml
6) T n-Tetradecane (C14)	8.484	3246418	18.619 ug/ml
7) T n-Hexadecane (C16)	10.091	3317783	18.655 ug/ml
8) T n-Octadecane (C18)	11.533	3331293	18.657 ug/ml
10) T n-Eicosane (C20)	12.843	3188548	18.693 ug/ml
11) T n-Heneicosane (C21)	13.455	3150164	18.620 ug/ml
13) T n-Docosane (C22)	14.041	3117128	18.836 ug/ml
14) T n-Tetracosane (C24)	15.145	3105512	19.195 ug/ml
15) T n-Hexacosane (C26)	16.168	3038888	19.604 ug/ml
16) T n-Octacosane (C28)	17.118	3076923	20.087 ug/ml
17) T n-Tricontane (C30)	18.008	3185955	20.843 ug/ml
18) T n-Dotriacontane (C32)	18.843	3267909	20.931 ug/ml
19) T n-Tetratriacontane (C34)	19.626	3198005	20.636 ug/mlm
20) T n-Hexatriacontane (C36)	20.368	3105642	20.445 ug/ml
21) T n-Octatriacontane (C38)	21.094	3156414	20.205 ug/mlm
22) T n-Tetracontane (C40)	21.978	3341145	20.934 ug/ml

(f)=RT Delta > 1/2 Window

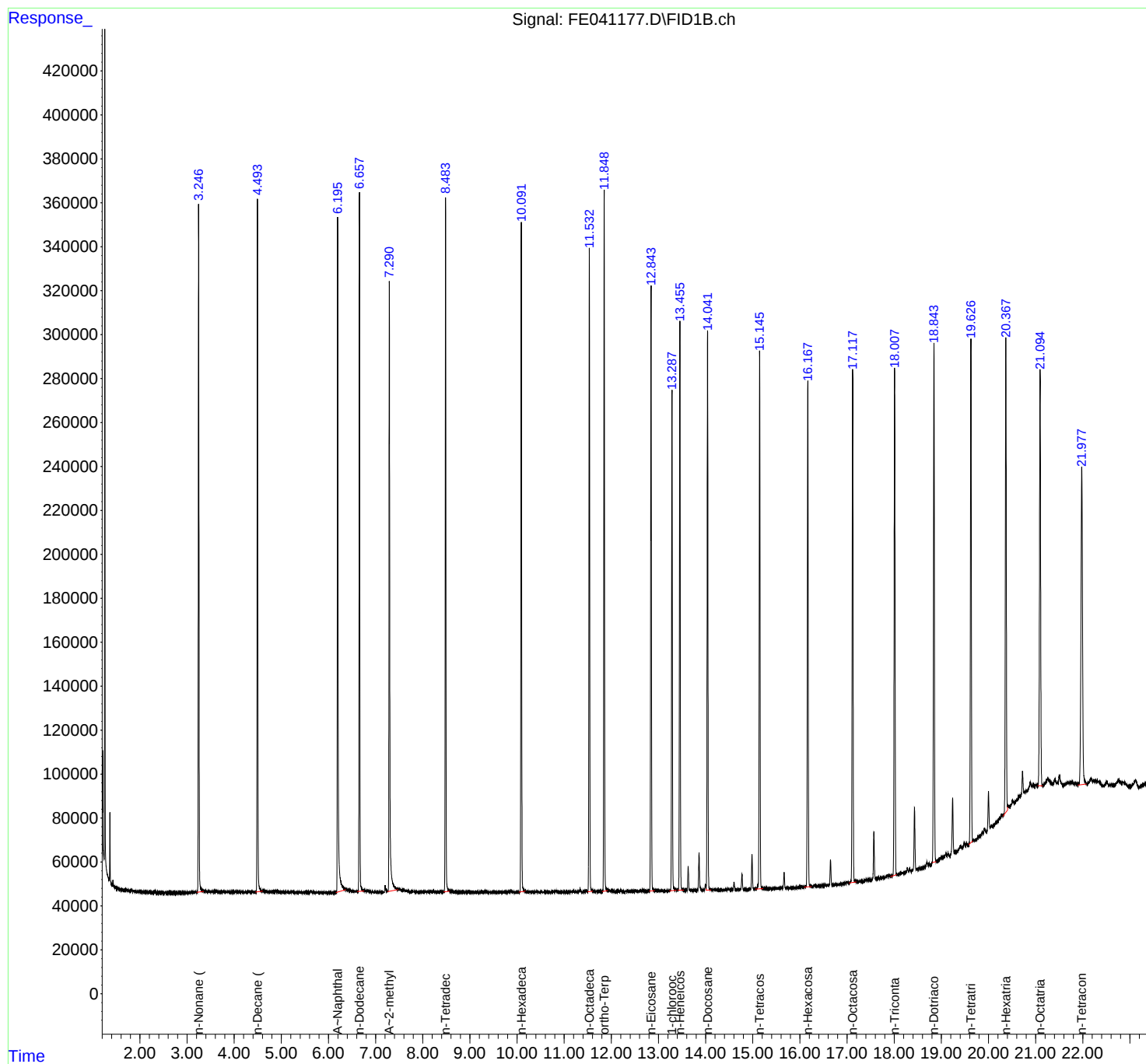
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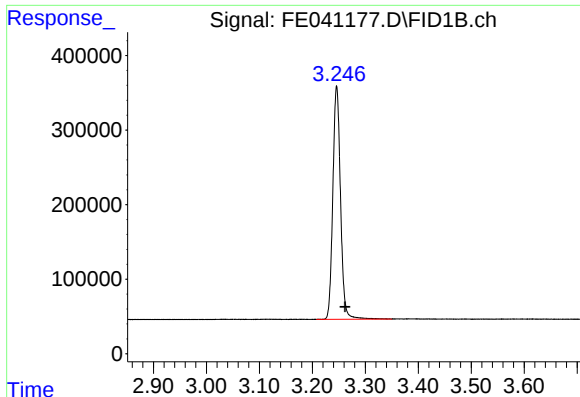
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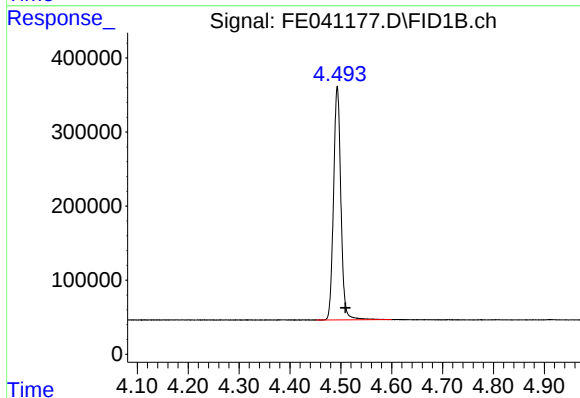




#1 n-Nonane (C9)

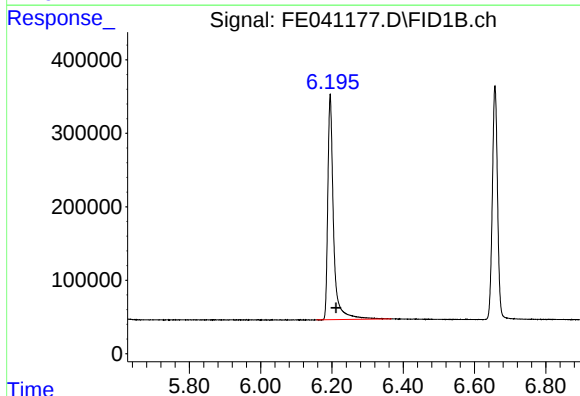
R.T.: 3.246 min
Delta R.T.: -0.016 min
Response: 3147698
Conc: 18.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



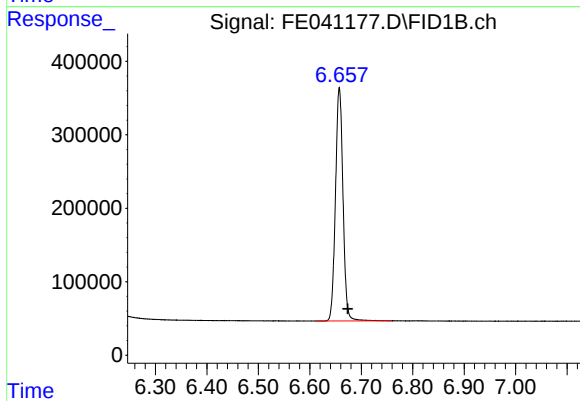
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.016 min
Response: 3160601
Conc: 18.57 ug/ml



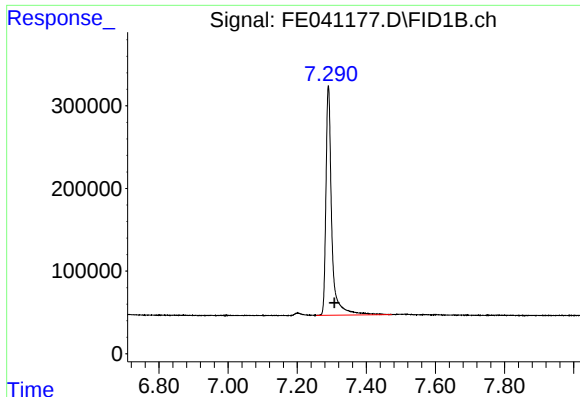
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: -0.017 min
Response: 3444812
Conc: 18.83 ug/ml



#4 n-Dodecane (C12)

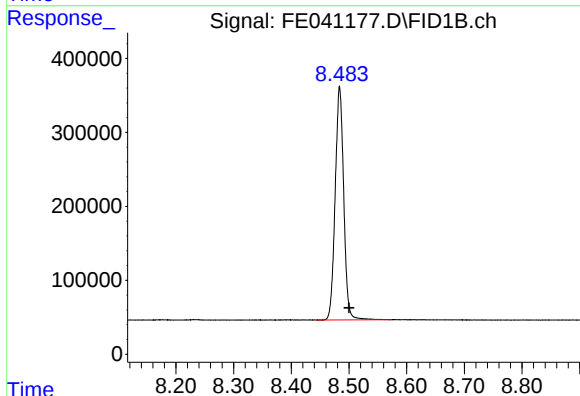
R.T.: 6.657 min
Delta R.T.: -0.016 min
Response: 3228738
Conc: 18.61 ug/ml



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

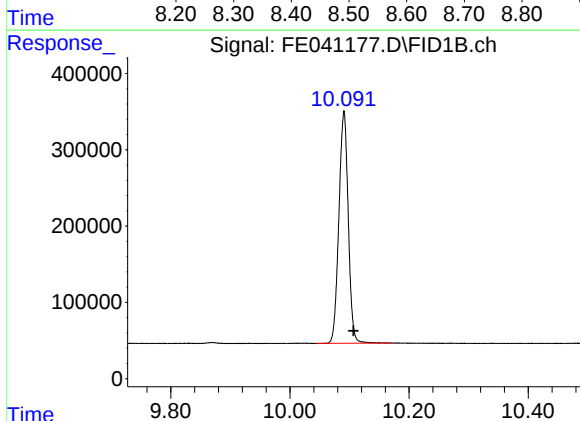
R.T.: 7.290 min
Delta R.T.: -0.017 min
Response: 3245738
Conc: 19.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



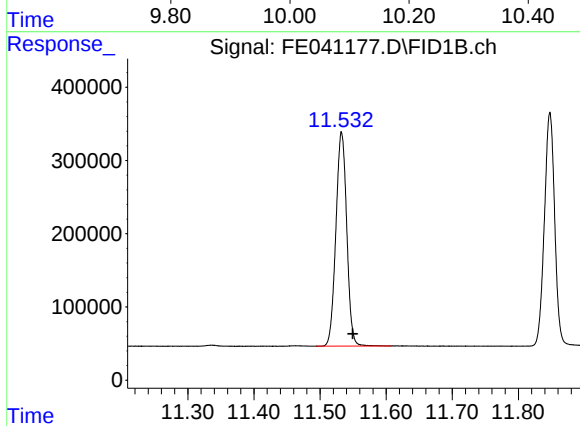
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: -0.016 min
Response: 3246418
Conc: 18.62 ug/ml



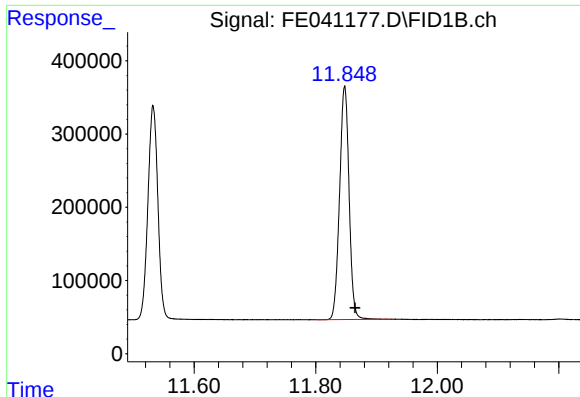
#7 n-Hexadecane (C16)

R.T.: 10.091 min
Delta R.T.: -0.016 min
Response: 3317783
Conc: 18.65 ug/ml



#8 n-Octadecane (C18)

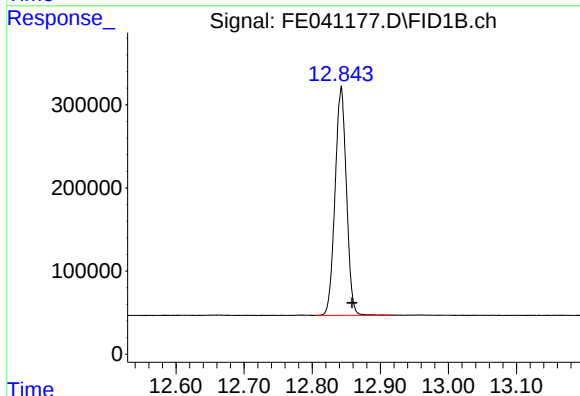
R.T.: 11.533 min
Delta R.T.: -0.017 min
Response: 3331293
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

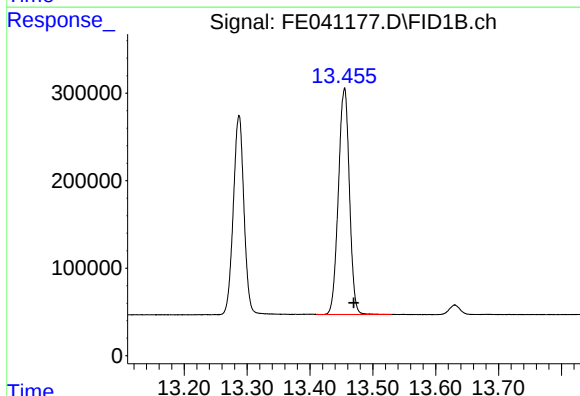
R.T.: 11.848 min
Delta R.T.: -0.017 min
Response: 3461271
Conc: 18.42 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



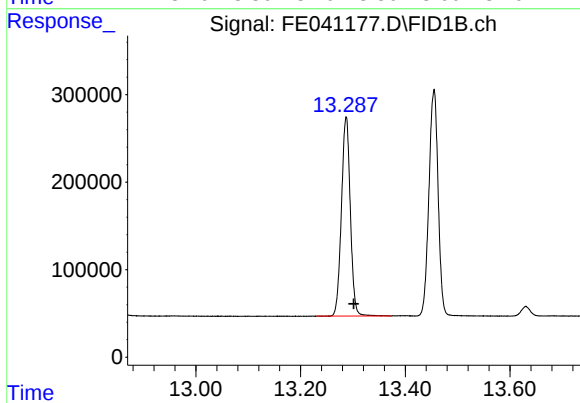
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.016 min
Response: 3188548
Conc: 18.69 ug/ml



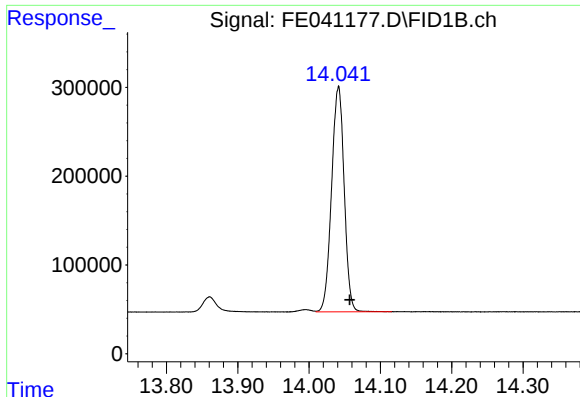
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.015 min
Response: 3150164
Conc: 18.62 ug/ml



#12 1-chlorooctadecane (SURR)

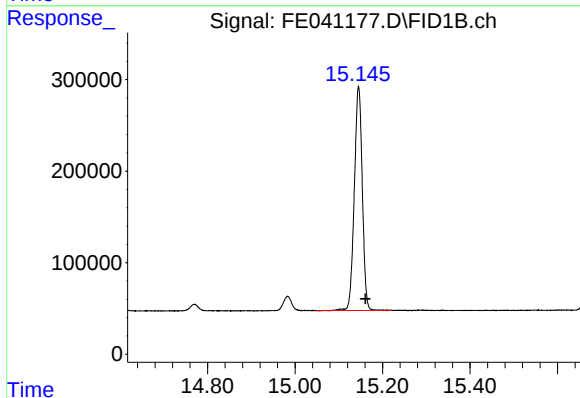
R.T.: 13.287 min
Delta R.T.: -0.015 min
Response: 2682240
Conc: 18.64 ug/ml



#13 n-Docosane (C22)

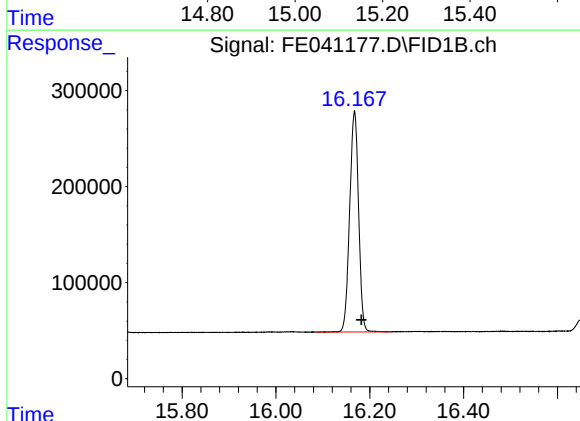
R.T.: 14.041 min
Delta R.T.: -0.016 min
Response: 3117128
Conc: 18.84 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



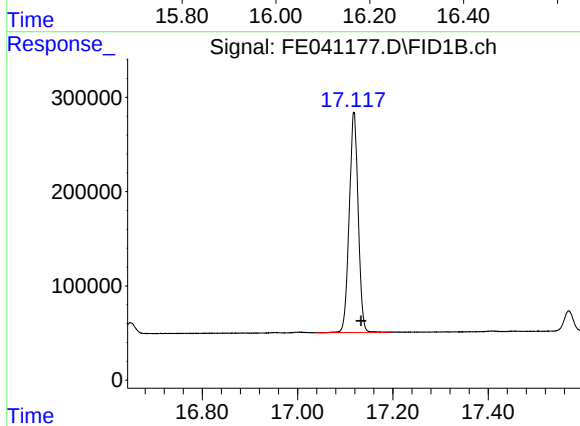
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.015 min
Response: 3105512
Conc: 19.20 ug/ml



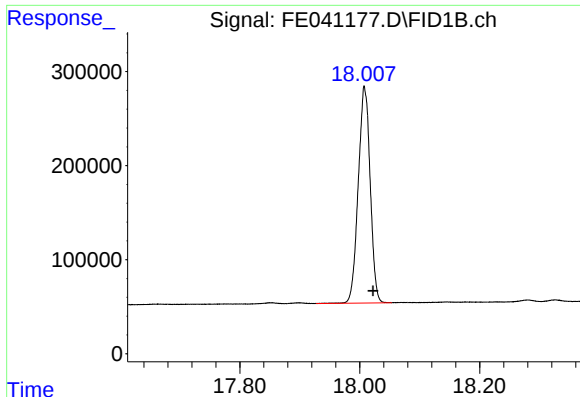
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.014 min
Response: 3038888
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

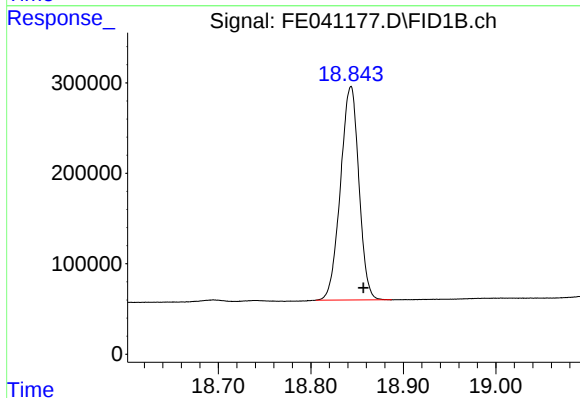
R.T.: 17.118 min
Delta R.T.: -0.015 min
Response: 3076923
Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

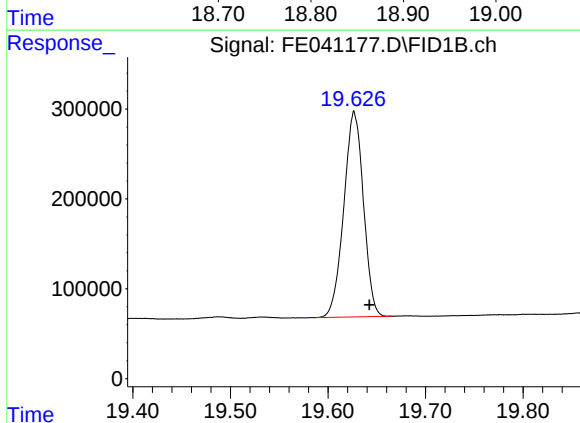
R.T.: 18.008 min
Delta R.T.: -0.015 min
Response: 3185955
Conc: 20.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



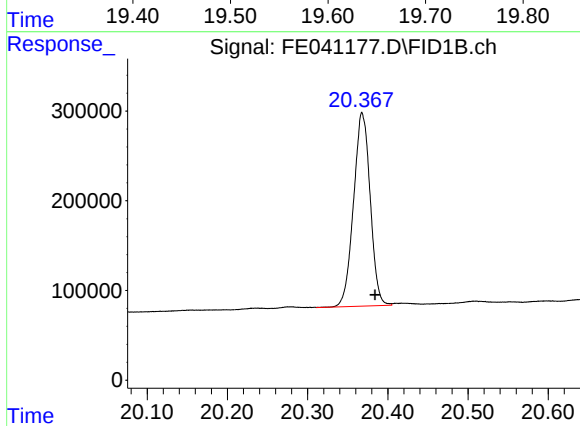
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.013 min
Response: 3267909
Conc: 20.93 ug/ml



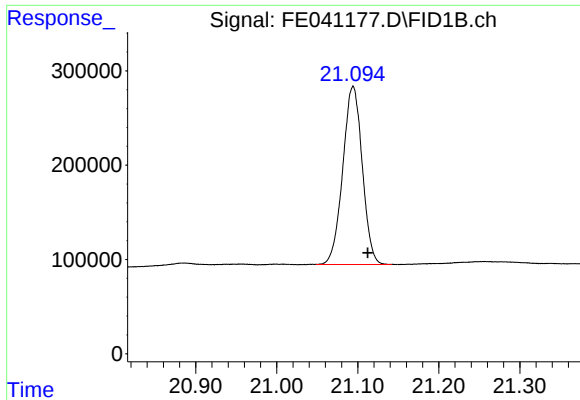
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.016 min
Response: 3198005
Conc: 20.64 ug/ml m



#20 n-Hexatriacontane (C36)

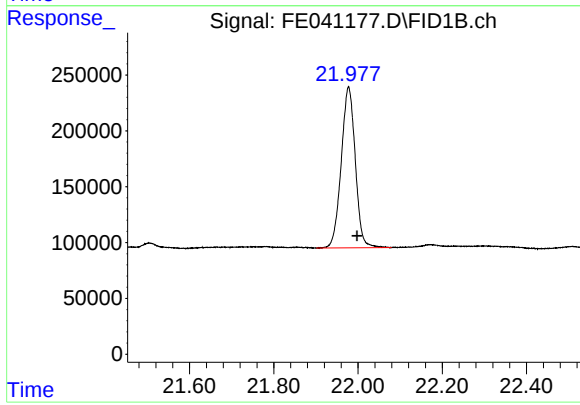
R.T.: 20.368 min
Delta R.T.: -0.016 min
Response: 3105642
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: -0.018 min
Response: 3156414
Conc: 20.21 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: -0.020 min
Response: 3341145
Conc: 20.93 ug/ml