

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062124AL\
 Data File : FE048818.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2024 14:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 20 15:30:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 15:30:23 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)	11.932	3406980	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.367	2637906	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.325	3070631	20.000 ug/ml
2) T n-Decane (C10)	4.573	3126175	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3246093	20.000 ug/ml
4) T n-Dodecane (C12)	6.737	3136491	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.372	3103490	20.000 ug/ml
6) T n-Tetradecane (C14)	8.564	3110553	20.000 ug/ml
7) T n-Hexadecane (C16)	10.171	3184081	20.000 ug/ml
8) T n-Octadecane (C18)	11.613	3256671	20.000 ug/ml
10) T n-Eicosane (C20)	12.922	3161136	20.000 ug/ml
11) T n-Heneicosane (C21)	13.533	3114271	20.000 ug/ml
13) T n-Docosane (C22)	14.119	3100383	20.000 ug/ml
14) T n-Tetracosane (C24)	15.221	3083062	20.000 ug/ml
15) T n-Hexacosane (C26)	16.241	3031883	20.000 ug/ml
16) T n-Octacosane (C28)	17.189	2964980	20.000 ug/ml
17) T n-Tricontane (C30)	18.076	3006826	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.908	2931505	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2829584	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2667480	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.164	2617299	20.000 ug/ml
22) T n-Tetracontane (C40)	22.076	2477818	20.000 ug/ml

(f)=RT Delta > 1/2 Window

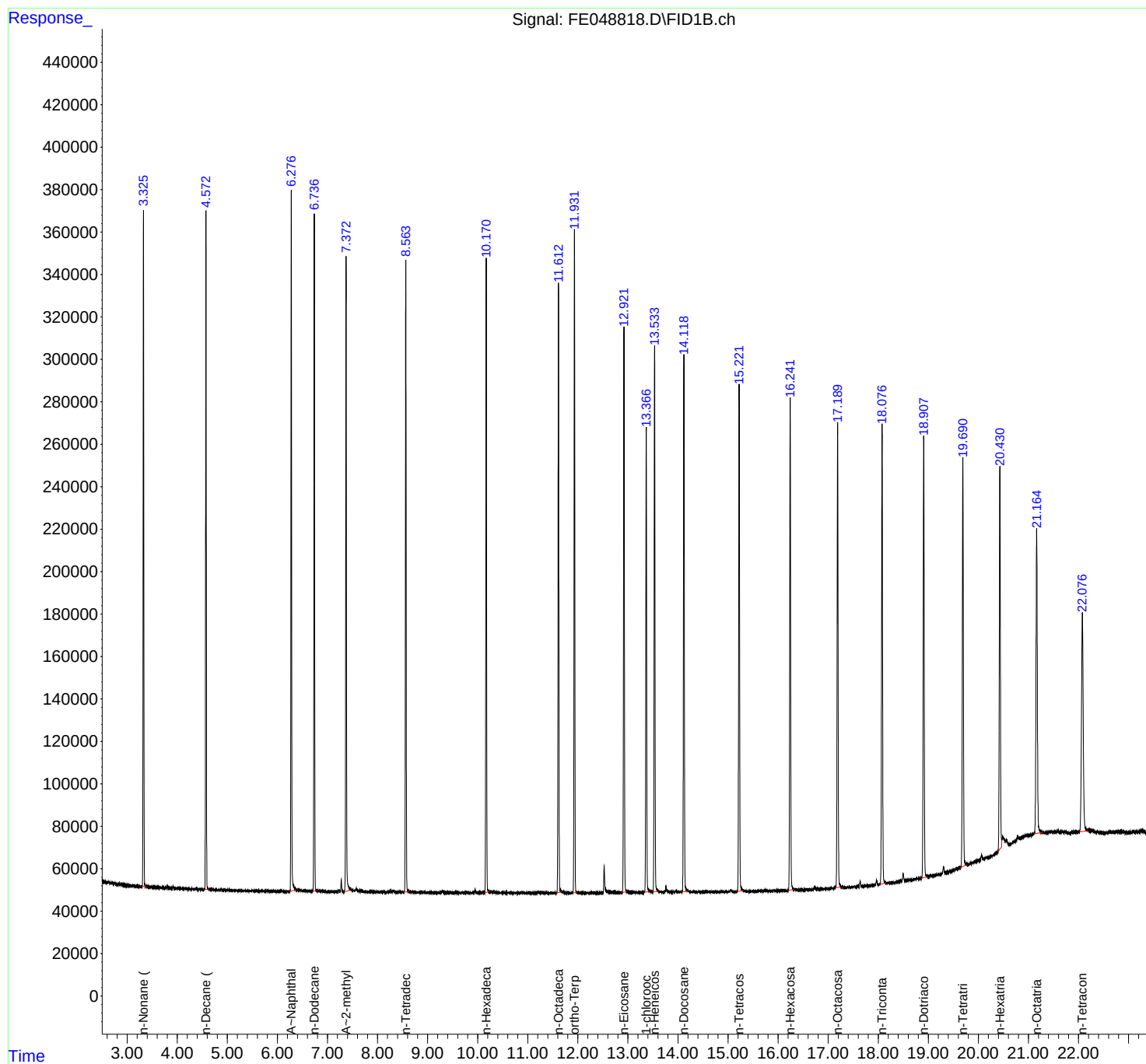
(m)=manual int.

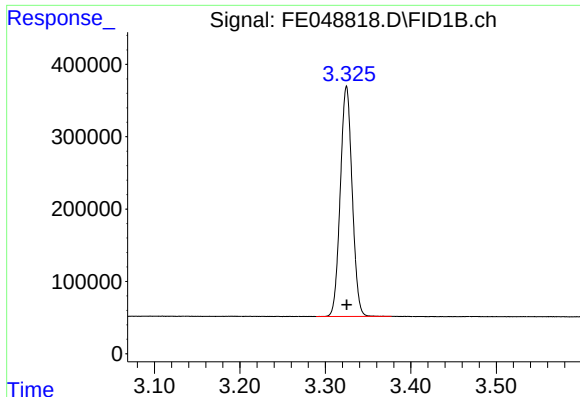
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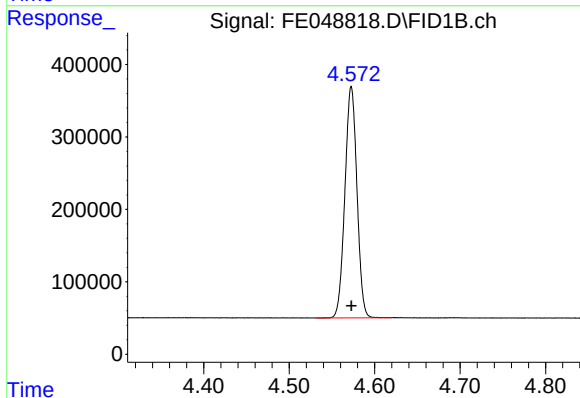




#1 n-Nonane (C9)

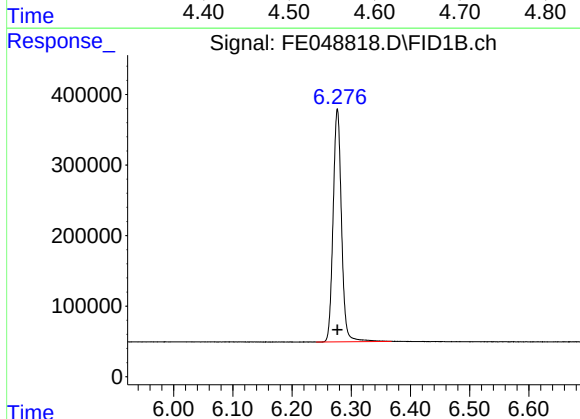
R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 3070631
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



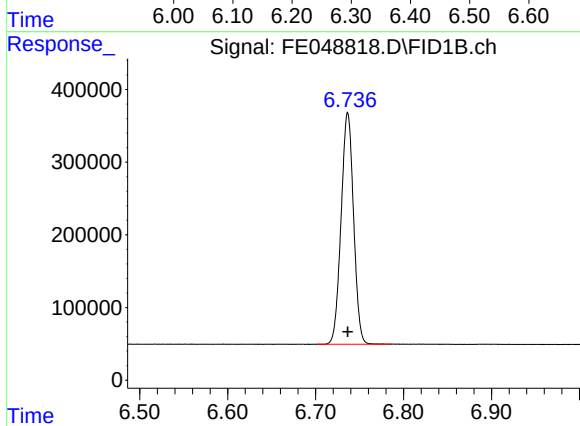
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 3126175
Conc: 20.00 ug/ml



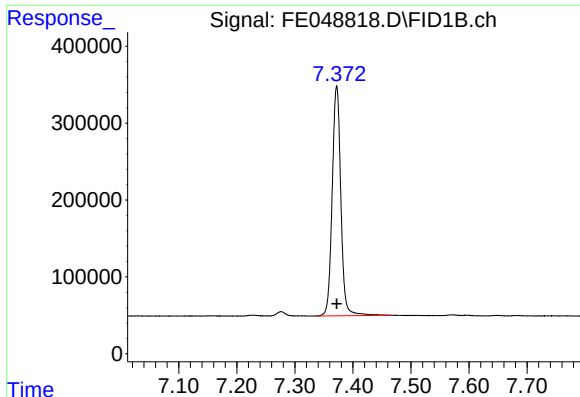
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3246093
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

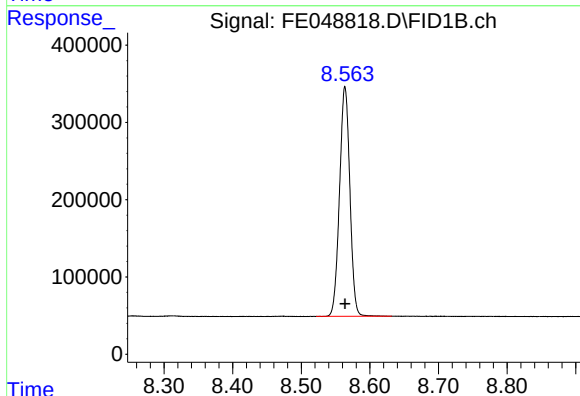
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 3136491
Conc: 20.00 ug/ml



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

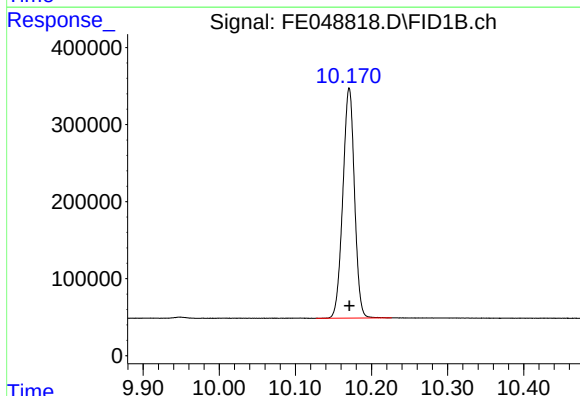
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3103490
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



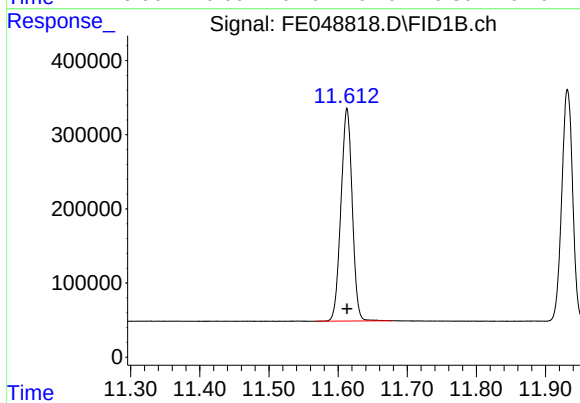
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 3110553
Conc: 20.00 ug/ml



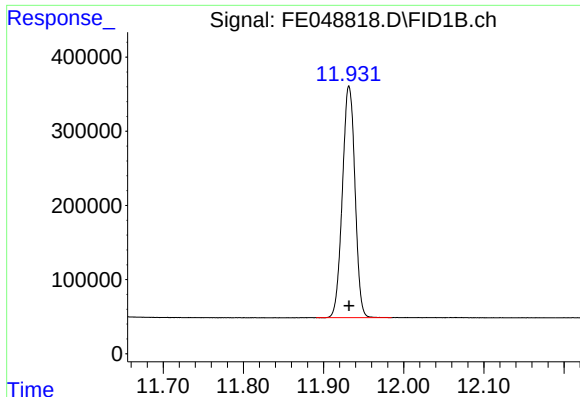
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 3184081
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

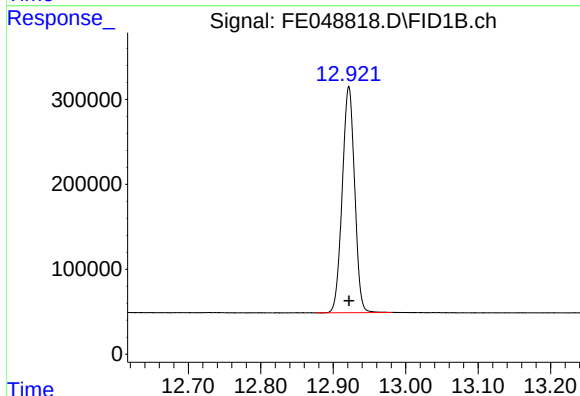
R.T.: 11.613 min
Delta R.T.: 0.000 min
Response: 3256671
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

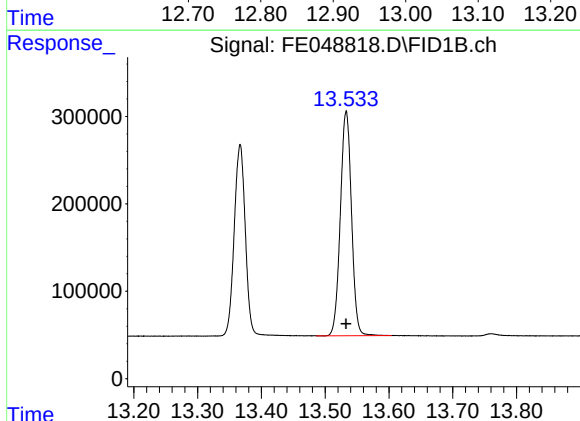
R.T.: 11.932 min
Delta R.T.: 0.000 min
Response: 3406980
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



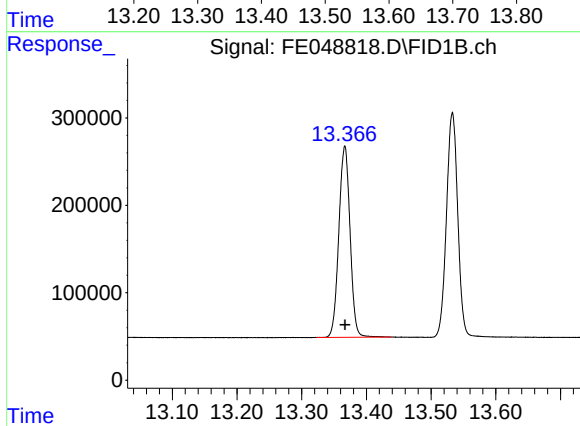
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.000 min
Response: 3161136
Conc: 20.00 ug/ml



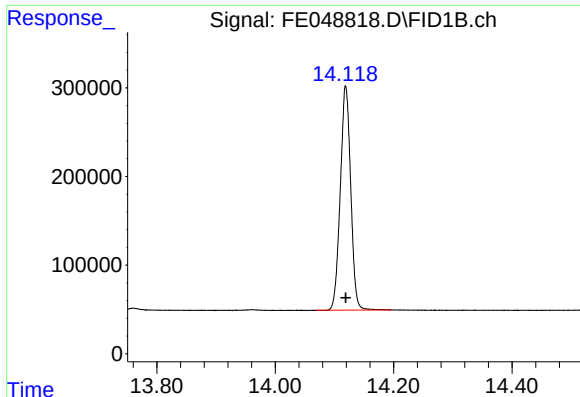
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.000 min
Response: 3114271
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

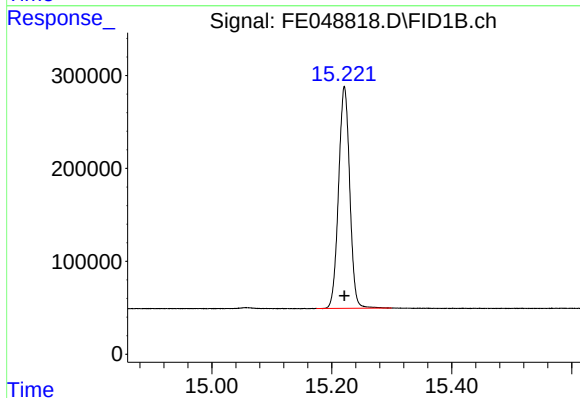
R.T.: 13.367 min
Delta R.T.: 0.000 min
Response: 2637906
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

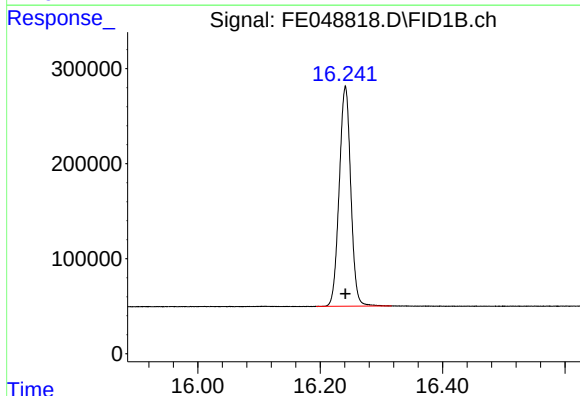
R.T.: 14.119 min
Delta R.T.: 0.000 min
Response: 3100383
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



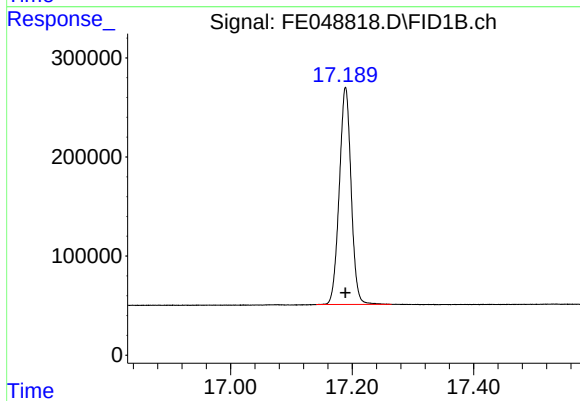
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 3083062
Conc: 20.00 ug/ml



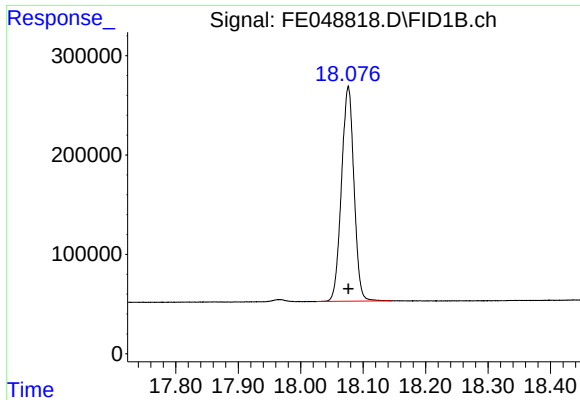
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 3031883
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

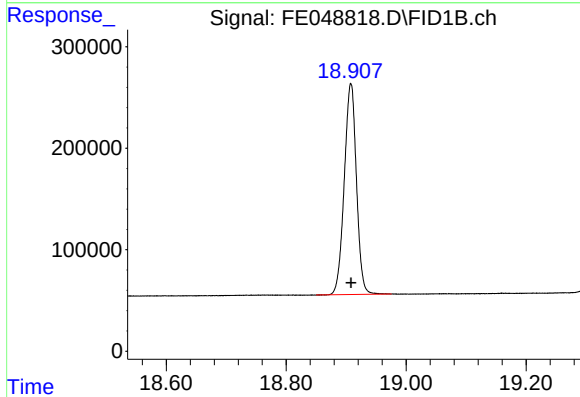
R.T.: 17.189 min
Delta R.T.: 0.000 min
Response: 2964980
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

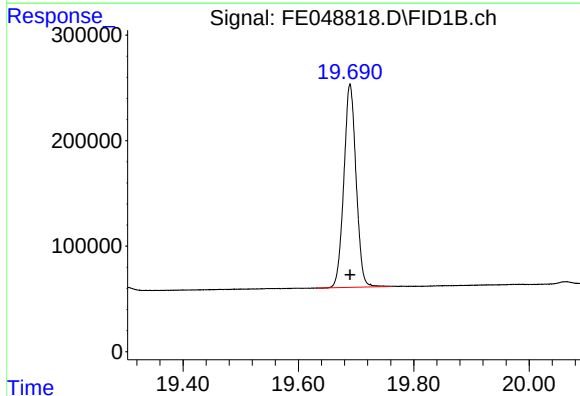
R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 3006826
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



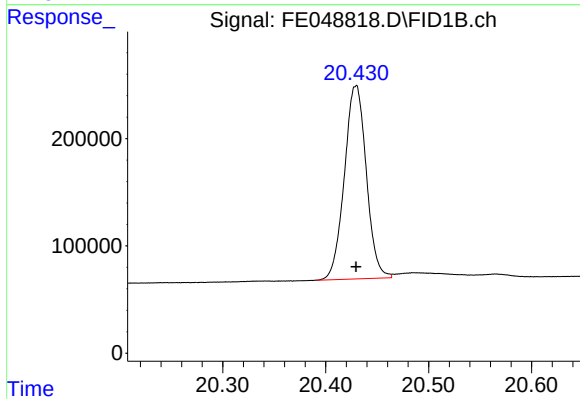
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 2931505
Conc: 20.00 ug/ml



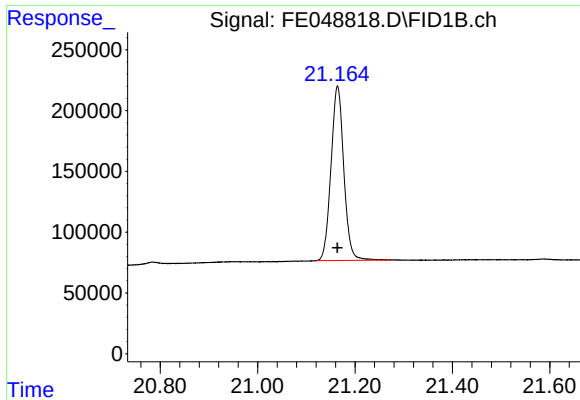
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.000 min
Response: 2829584
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

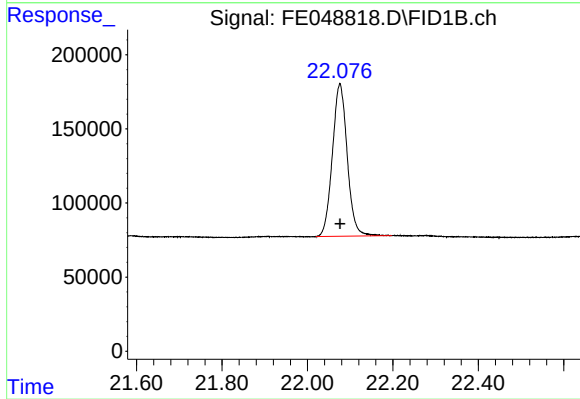
R.T.: 20.429 min
Delta R.T.: 0.000 min
Response: 2667480
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.000 min
Response: 2617299
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: 0.000 min
Response: 2477818
Conc: 20.00 ug/ml