

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048133.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 10:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 02 14:00:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 13:59:26 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)	11.292	3953895	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.734	3020766	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.144	3547162	20.000 ug/ml
2) T n-Decane (C10)	4.192	3652643	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.742	3946089	20.000 ug/ml
4) T n-Dodecane (C12)	6.188	3694181	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.789	3779911	20.000 ug/ml
6) T n-Tetradecane (C14)	7.970	3659446	20.000 ug/ml
7) T n-Hexadecane (C16)	9.561	3755949	20.000 ug/ml
8) T n-Octadecane (C18)	10.994	3789358	20.000 ug/ml
10) T n-Eicosane (C20)	12.295	3638008	20.000 ug/ml
11) T n-Heneicosane (C21)	12.905	3559453	20.000 ug/ml
13) T n-Docosane (C22)	13.488	3562990	20.000 ug/ml
14) T n-Tetracosane (C24)	14.585	3577850	20.000 ug/ml
15) T n-Hexacosane (C26)	15.600	3489095	20.000 ug/ml
16) T n-Octacosane (C28)	16.545	3401477	20.000 ug/ml
17) T n-Tricontane (C30)	17.427	3425986	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.255	3272872	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.034	3060108	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.770	2849964	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.467	2749885	20.000 ug/ml
22) T n-Tetracontane (C40)	21.256	2649615	20.000 ug/ml

(f)=RT Delta > 1/2 Window

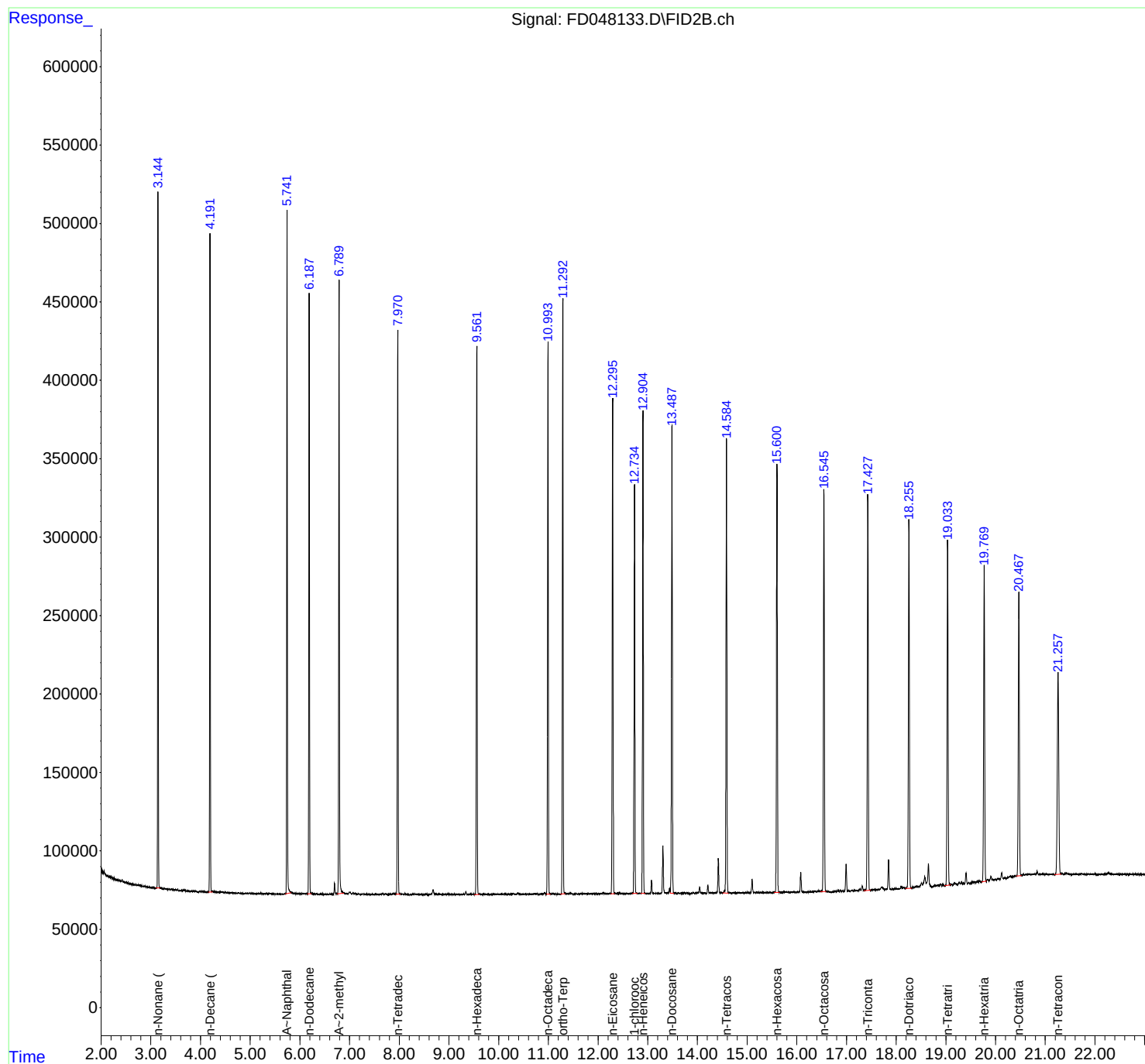
(m)=manual int.

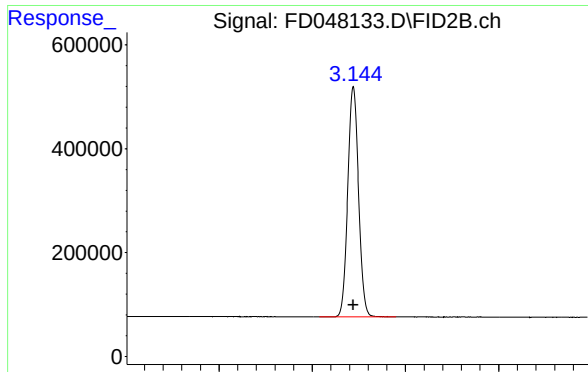
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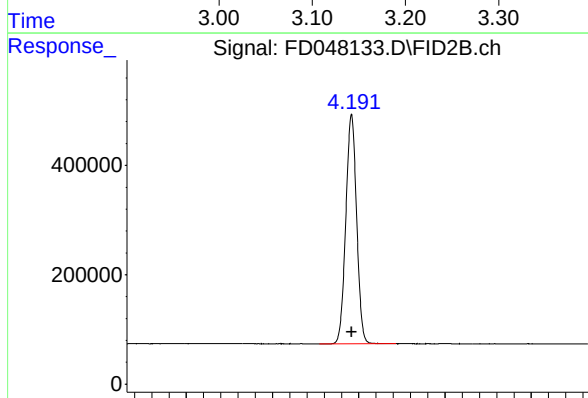




#1 n-Nonane (C9)

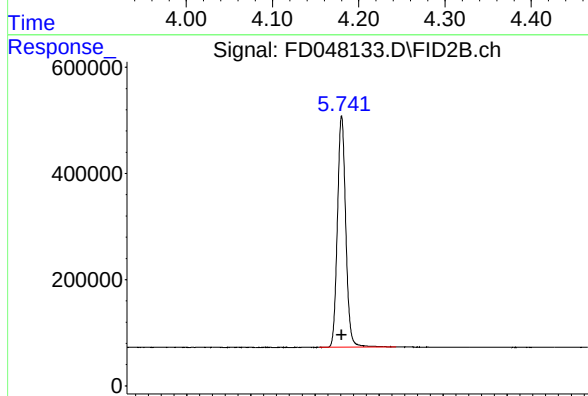
R.T.: 3.144 min
Delta R.T.: 0.000 min
Response: 3547162
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



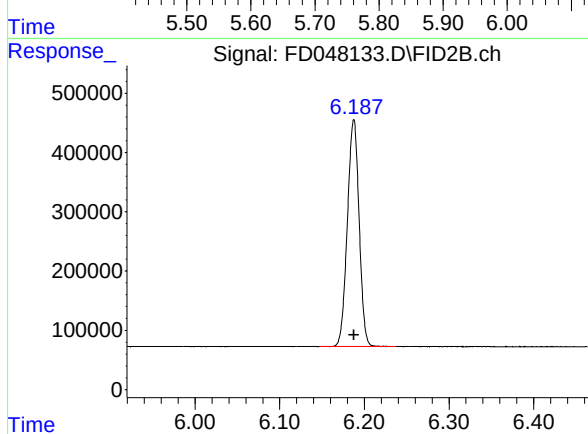
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: 0.000 min
Response: 3652643
Conc: 20.00 ug/ml



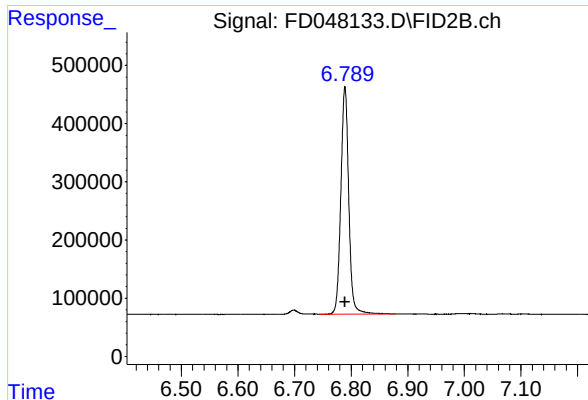
#3 A~Naphthalene (C11.7)

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 3946089
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

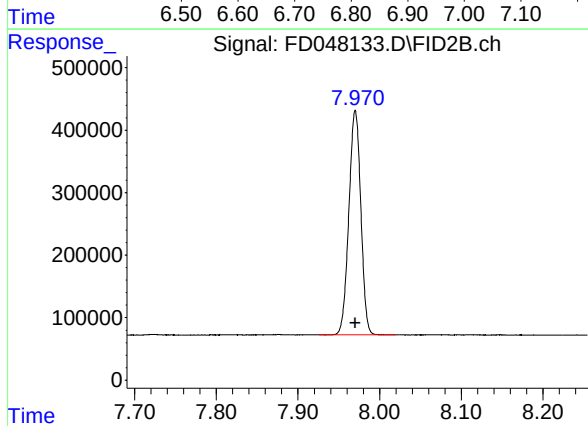
R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 3694181
Conc: 20.00 ug/ml



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

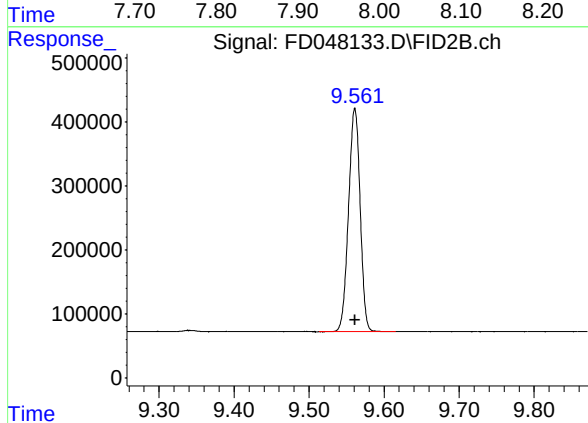
R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 3779911
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



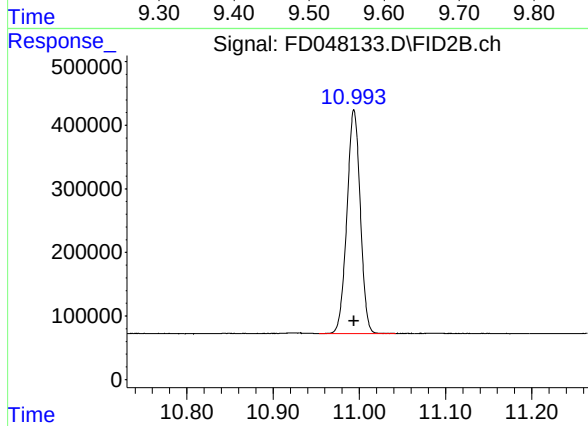
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 3659446
Conc: 20.00 ug/ml



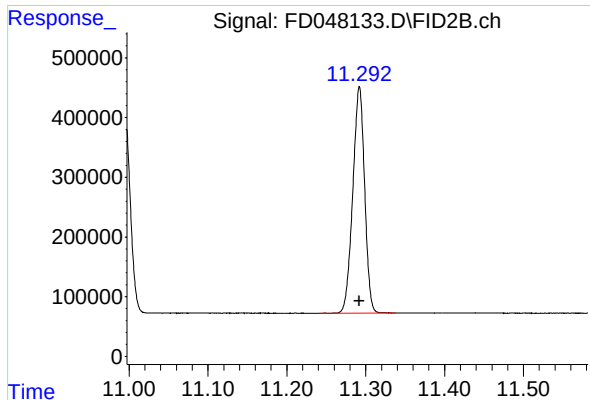
#7 n-Hexadecane (C16)

R.T.: 9.561 min
Delta R.T.: 0.000 min
Response: 3755949
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

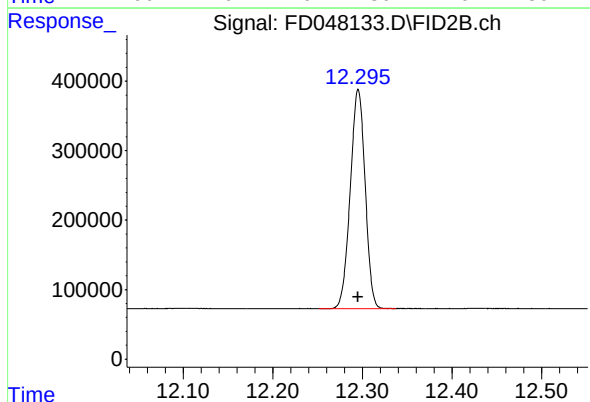
R.T.: 10.994 min
Delta R.T.: 0.000 min
Response: 3789358
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

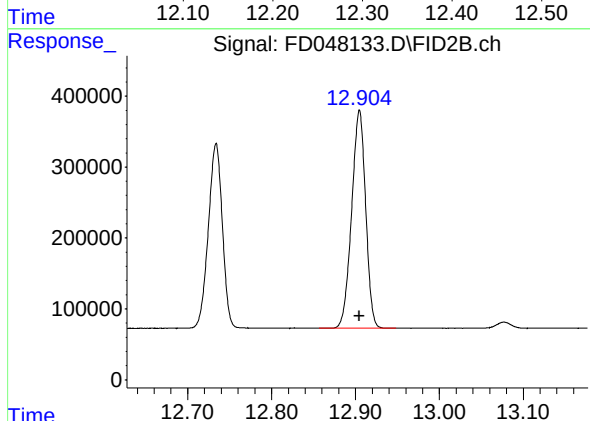
R.T.: 11.292 min
Delta R.T.: 0.000 min
Response: 3953895
Conc: 20.00 ug/ml

Instrument :
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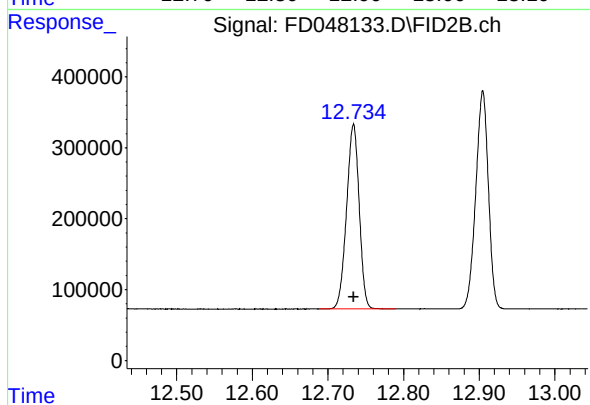
#10 n-Eicosane (C20)

R.T.: 12.295 min
Delta R.T.: 0.000 min
Response: 3638008
Conc: 20.00 ug/ml



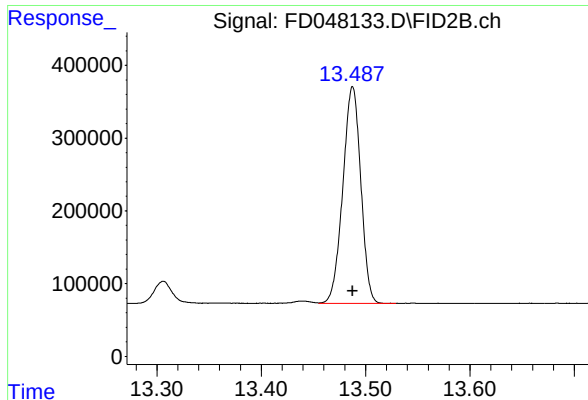
#11 n-Heneicosane (C21)

R.T.: 12.905 min
Delta R.T.: 0.000 min
Response: 3559453
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

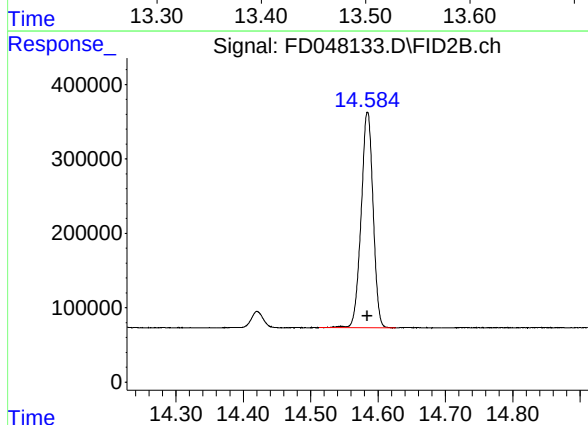
R.T.: 12.734 min
Delta R.T.: 0.000 min
Response: 3020766
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

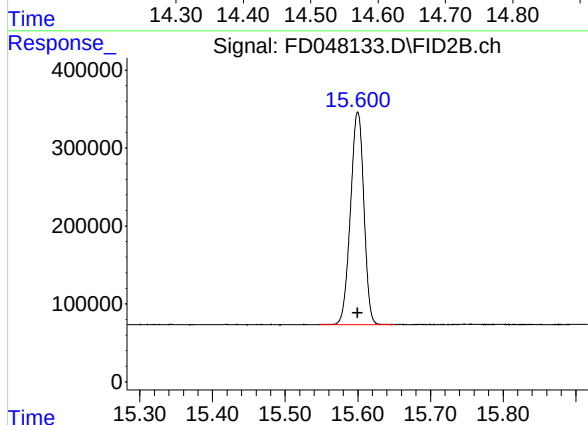
R.T.: 13.488 min
Delta R.T.: 0.000 min
Response: 3562990
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



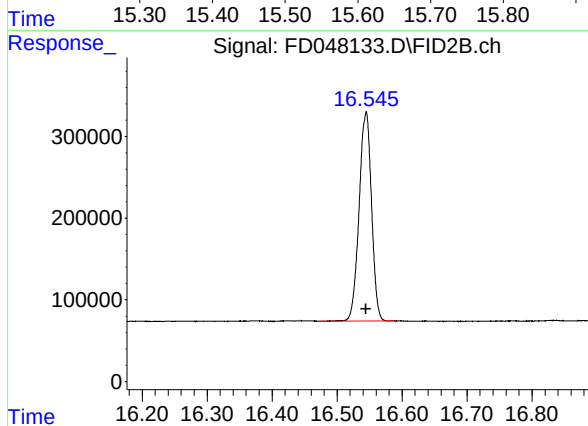
#14 n-Tetracosane (C24)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 3577850
Conc: 20.00 ug/ml



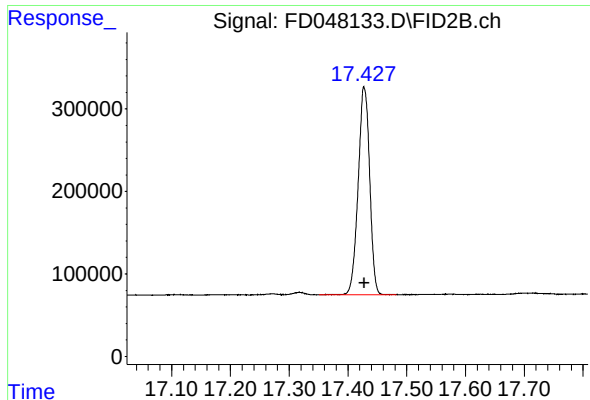
#15 n-Hexacosane (C26)

R.T.: 15.600 min
Delta R.T.: 0.000 min
Response: 3489095
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

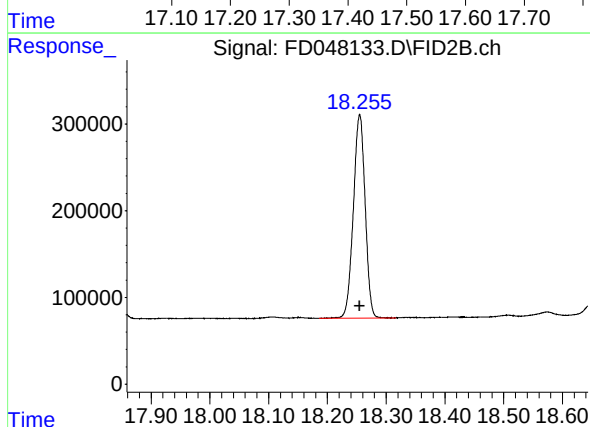
R.T.: 16.545 min
Delta R.T.: 0.000 min
Response: 3401477
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

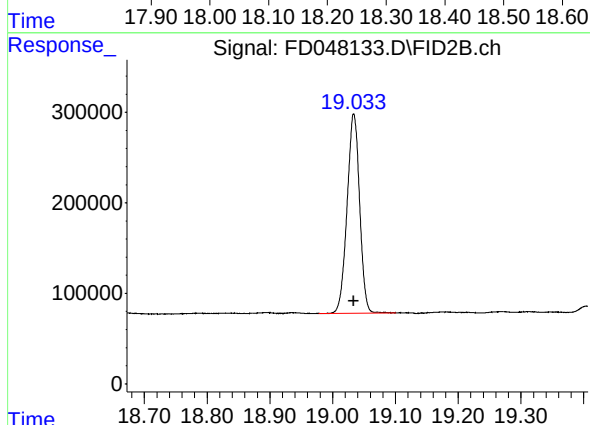
R.T.: 17.427 min
Delta R.T.: 0.000 min
Response: 3425986
Conc: 20.00 ug/ml

Instrument :
FID_D
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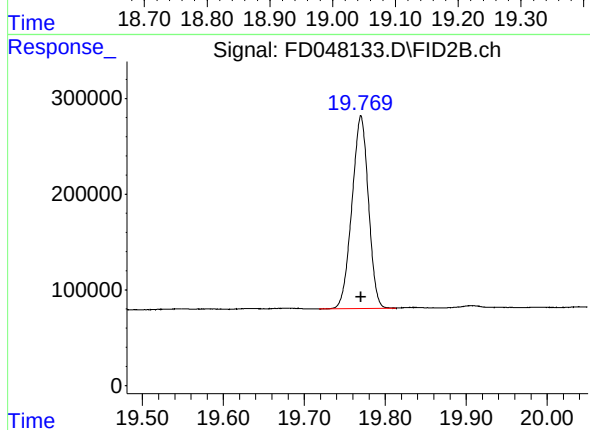
#18 n-Dotriacontane (C32)

R.T.: 18.255 min
Delta R.T.: 0.000 min
Response: 3272872
Conc: 20.00 ug/ml



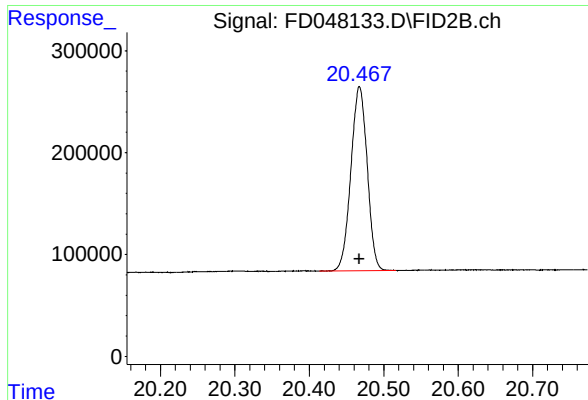
#19 n-Tetatriacontane (C34)

R.T.: 19.034 min
Delta R.T.: 0.000 min
Response: 3060108
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

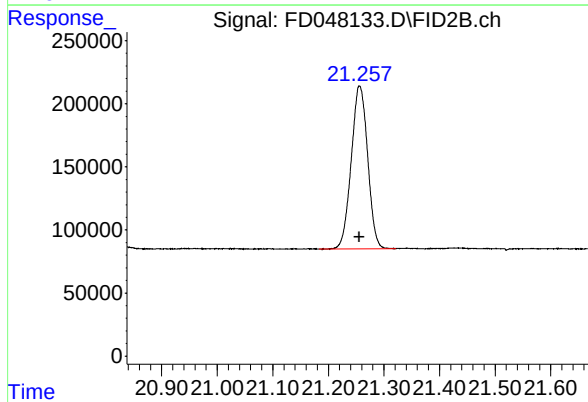
R.T.: 19.770 min
Delta R.T.: 0.000 min
Response: 2849964
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.467 min
Delta R.T.: 0.000 min
Response: 2749885
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.256 min
Delta R.T.: 0.000 min
Response: 2649615
Conc: 20.00 ug/ml