

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072023AL\
 Data File : FD046144.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 12:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jul 20 13:19:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 13:18:25 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)	11.399	3533757	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.833	2442529	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.230	3180366	20.000 ug/ml
2) T n-Decane (C10)	4.284	3237390	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.845	3525361	20.000 ug/ml
4) T n-Dodecane (C12)	6.286	3259535	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.894	3343521	20.000 ug/ml
6) T n-Tetradecane (C14)	8.071	3214436	20.000 ug/ml
7) T n-Hexadecane (C16)	9.662	3299777	20.000 ug/ml
8) T n-Octadecane (C18)	11.094	3274823	20.000 ug/ml
10) T n-Eicosane (C20)	12.395	3029498	20.000 ug/ml
11) T n-Heneicosane (C21)	13.002	2924279	20.000 ug/ml
13) T n-Docosane (C22)	13.584	2835000	20.000 ug/ml
14) T n-Tetracosane (C24)	14.679	2761527	20.000 ug/ml
15) T n-Hexacosane (C26)	15.692	2572533	20.000 ug/ml
16) T n-Octacosane (C28)	16.634	2460871	20.000 ug/ml
17) T n-Tricontane (C30)	17.514	2507743	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.339	2469580	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.115	2592677	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.849	2308463	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.550	2234463	20.000 ug/ml
22) T n-Tetracontane (C40)	21.368	2136414	20.000 ug/ml

(f)=RT Delta > 1/2 Window

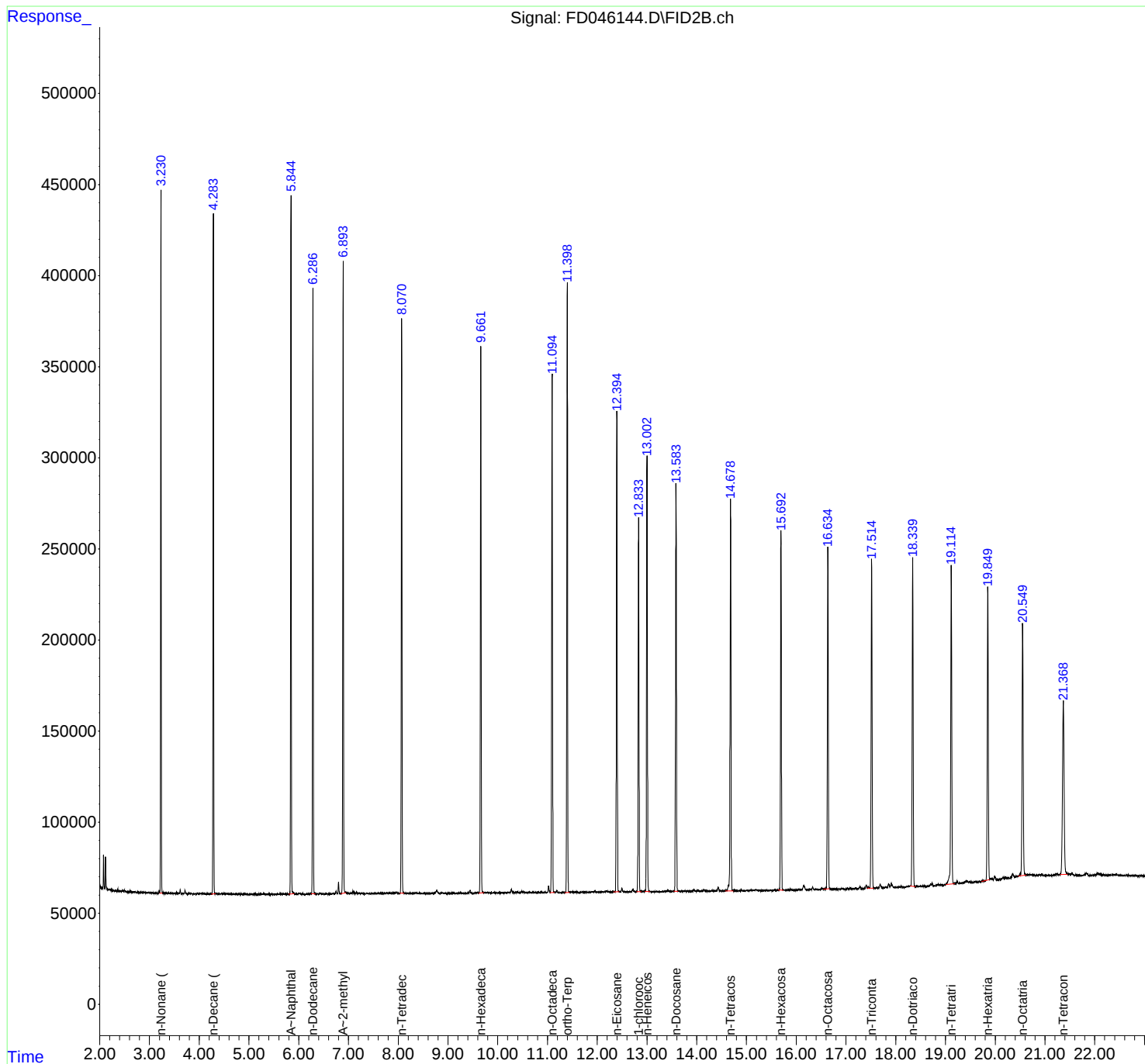
(m)=manual int.

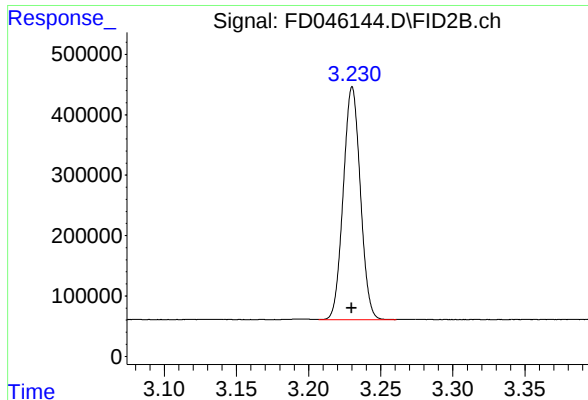
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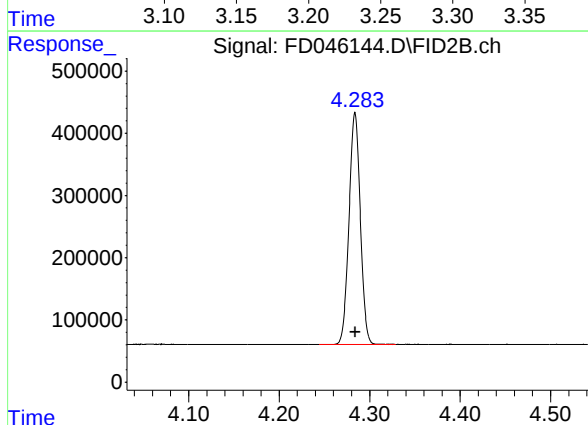




#1 n-Nonane (C9)

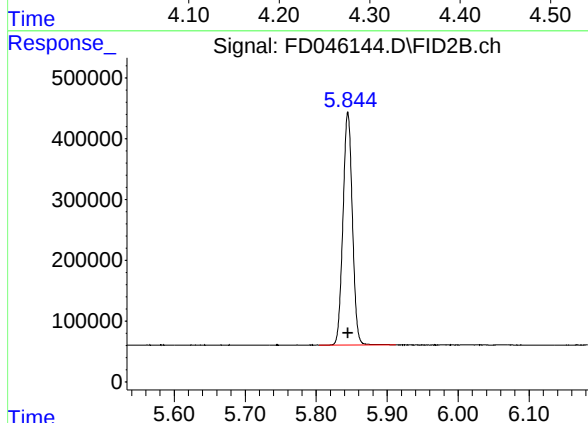
R.T.: 3.230 min
Delta R.T.: 0.000 min
Response: 3180366
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



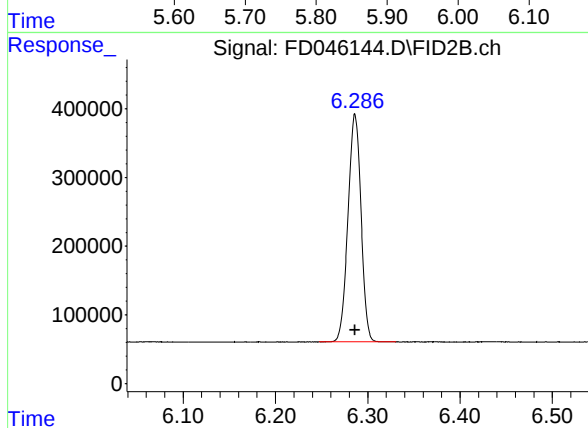
#2 n-Decane (C10)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 3237390
Conc: 20.00 ug/ml



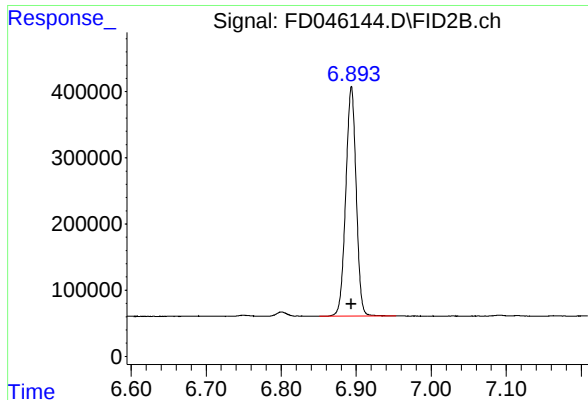
#3 A~Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 3525361
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

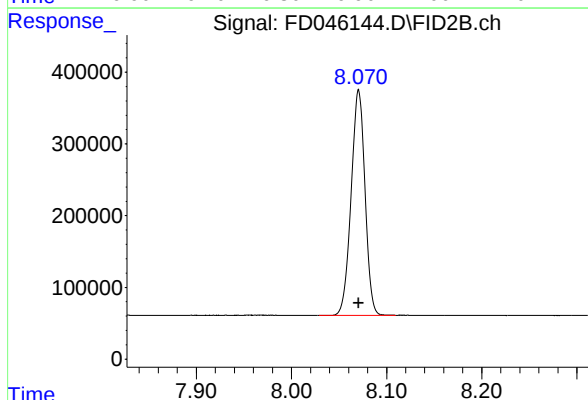
R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 3259535
Conc: 20.00 ug/ml



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

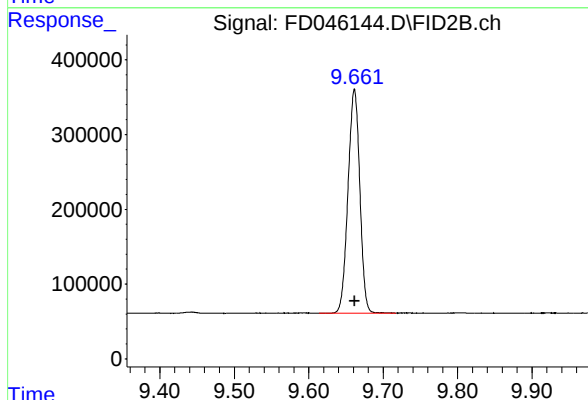
R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 3343521
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



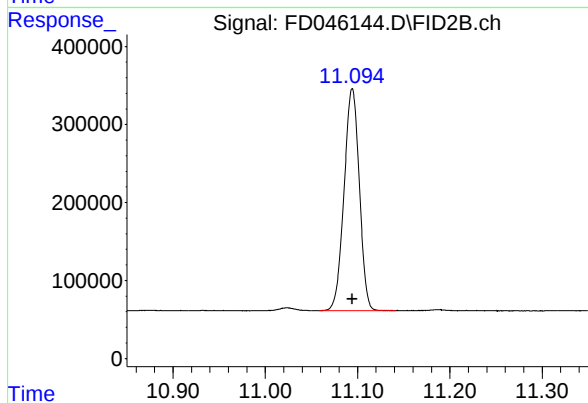
#6 n-Tetradecane (C14)

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 3214436
Conc: 20.00 ug/ml



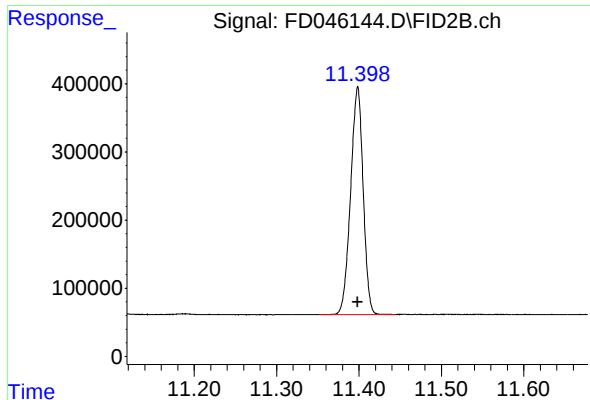
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: 0.000 min
Response: 3299777
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

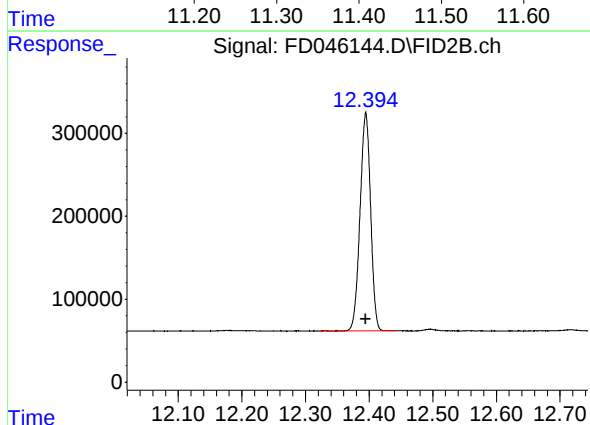
R.T.: 11.094 min
Delta R.T.: 0.000 min
Response: 3274823
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

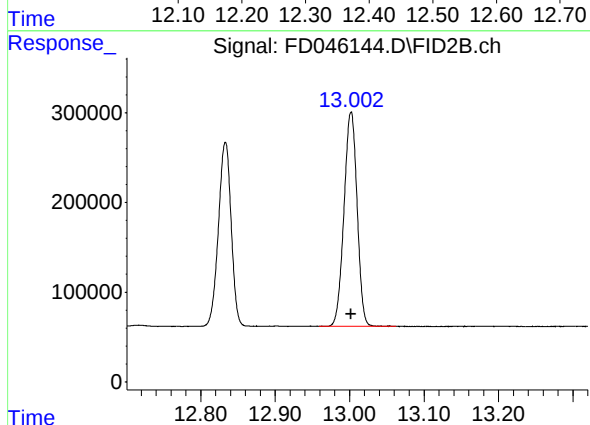
R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 3533757
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



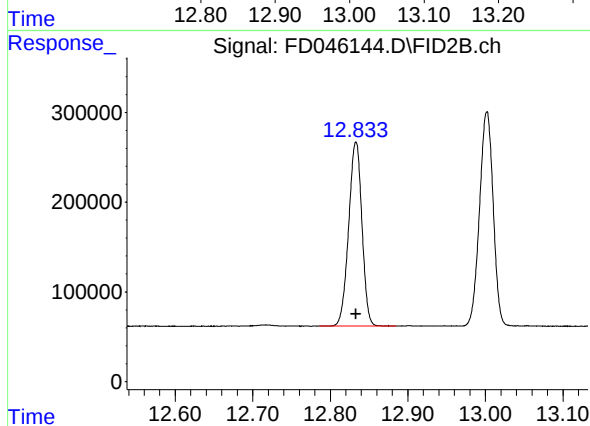
#10 n-Eicosane (C20)

R.T.: 12.395 min
Delta R.T.: 0.000 min
Response: 3029498
Conc: 20.00 ug/ml



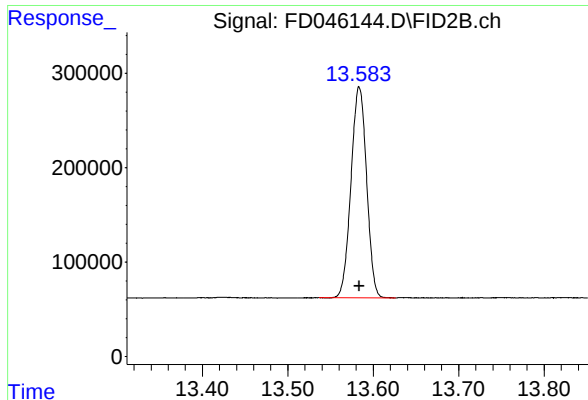
#11 n-Heneicosane (C21)

R.T.: 13.002 min
Delta R.T.: 0.000 min
Response: 2924279
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

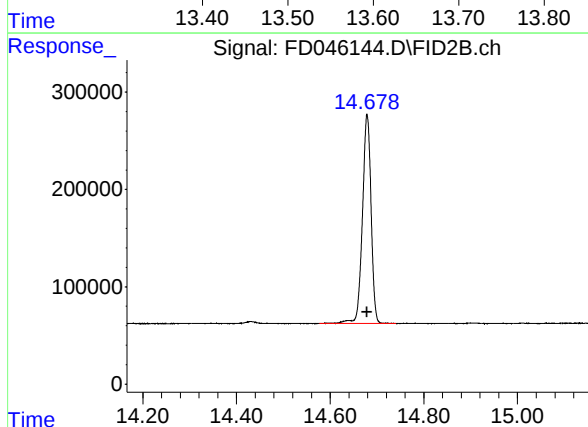
R.T.: 12.833 min
Delta R.T.: 0.000 min
Response: 2442529
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

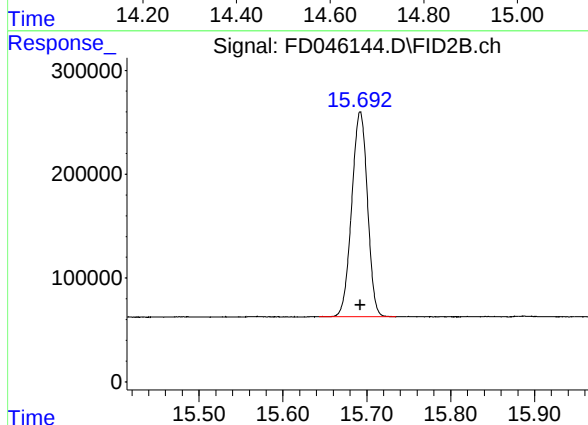
R.T.: 13.584 min
Delta R.T.: 0.000 min
Response: 2835000
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



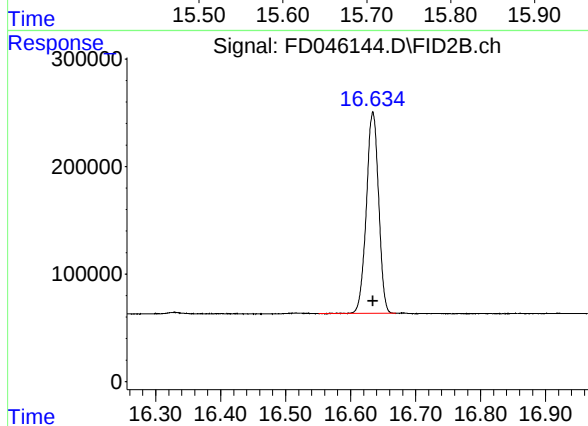
#14 n-Tetracosane (C24)

R.T.: 14.679 min
Delta R.T.: 0.000 min
Response: 2761527
Conc: 20.00 ug/ml



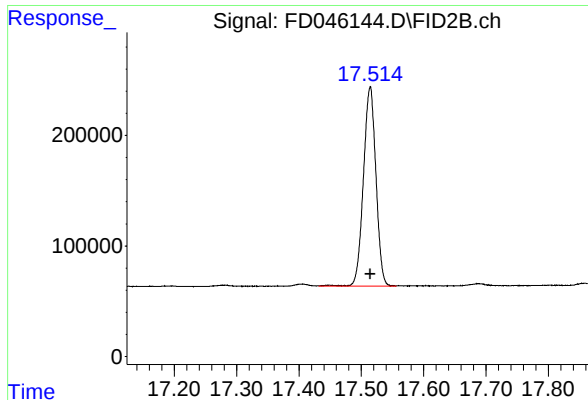
#15 n-Hexacosane (C26)

R.T.: 15.692 min
Delta R.T.: 0.000 min
Response: 2572533
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

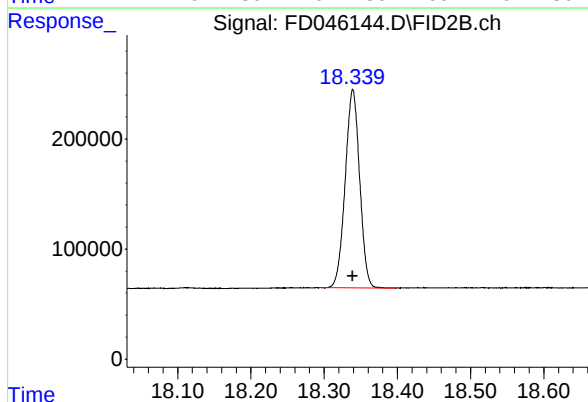
R.T.: 16.634 min
Delta R.T.: 0.000 min
Response: 2460871
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

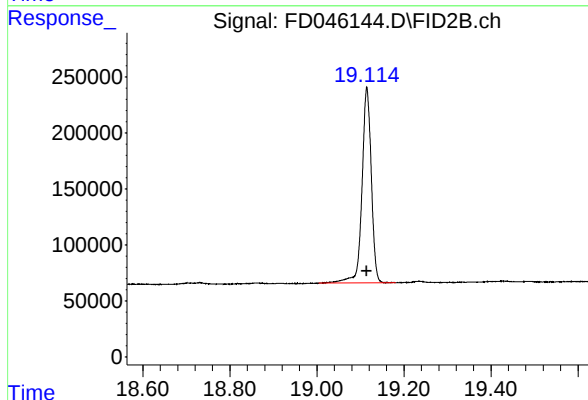
R.T.: 17.514 min
Delta R.T.: 0.000 min
Response: 2507743
Conc: 20.00 ug/ml

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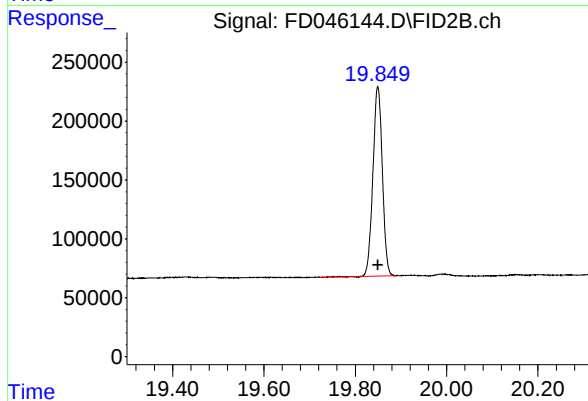
#18 n-Dotriacontane (C32)

R.T.: 18.339 min
Delta R.T.: 0.000 min
Response: 2469580
Conc: 20.00 ug/ml



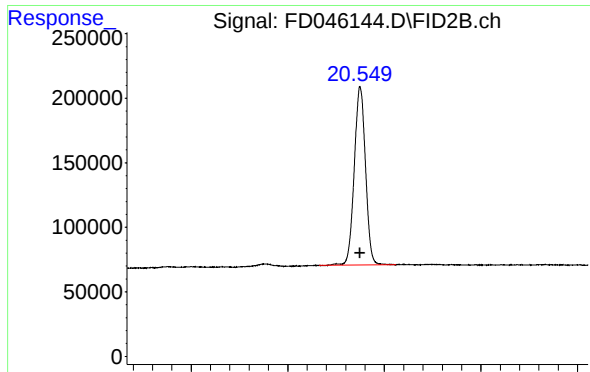
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min
Delta R.T.: 0.000 min
Response: 2592677
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

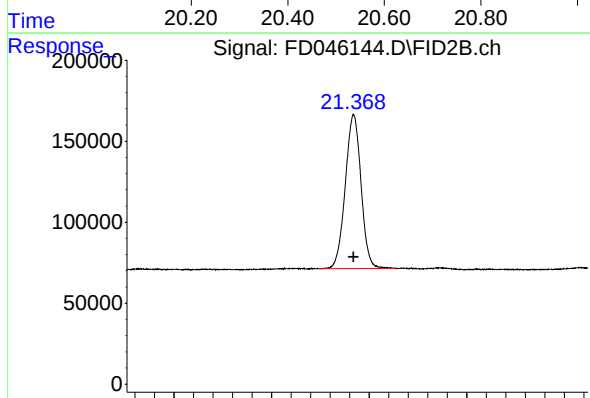
R.T.: 19.849 min
Delta R.T.: 0.000 min
Response: 2308463
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.550 min
Delta R.T.: 0.000 min
Response: 2234463
Conc: 20.00 ug/ml

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FID_D
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.368 min
Delta R.T.: 0.000 min
Response: 2136414
Conc: 20.00 ug/ml