

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032825AL\
 Data File : FF015745.D
 Signal(s) : FID2B.ch
 Acq On : 28 Mar 2025 17:28
 Operator : YP\AJ
 Sample : PB167362BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB167362BSD

Integration File: autoint1.e
 Quant Time: Mar 29 01:02:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:31:19 2025
 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			
12) S 1-chlorooctadecane (S...	13.372	4827939	42.540 ug/ml
Spiked Amount 50.000		Recovery =	85.08%
Target Compounds			
1) T n-Nonane (C9)	3.315	2736445	21.604 ug/ml
2) T n-Decane (C10)	4.569	3203039	24.943 ug/ml
4) T n-Dodecane (C12)	6.734	3738772	28.689 ug/ml
6) T n-Tetradecane (C14)	8.562	4012999	30.987 ug/ml
7) T n-Hexadecane (C16)	10.169	4581882	34.264 ug/ml
8) T n-Octadecane (C18)	11.613	5012435	36.400 ug/ml
10) T n-Eicosane (C20)	12.924	5616014	41.670 ug/ml
11) T n-Heneicosane (C21)	13.537	5477941	40.988 ug/ml
13) T n-Docosane (C22)	14.124	5486045	40.996 ug/ml
14) T n-Tetracosane (C24)	15.228	5477169	40.913 ug/ml
15) T n-Hexacosane (C26)	16.250	5370391	41.062 ug/ml
16) T n-Octacosane (C28)	17.200	5255892	40.234 ug/ml
17) T n-Tricontane (C30)	18.088	5244015	38.887 ug/ml
18) T n-Dotriacontane (C32)	18.922	5111412	39.197 ug/ml
19) T n-Tetratriacontane (C34)	19.706	4942899	42.344 ug/ml
20) T n-Hexatriacontane (C36)	20.446	4667638	47.020 ug/ml
21) T n-Octatriacontane (C38)	21.183	4421558	50.606 ug/ml
22) T n-Tetracontane (C40)	22.099	4030897	50.226 ug/ml

(f)=RT Delta > 1/2 Window

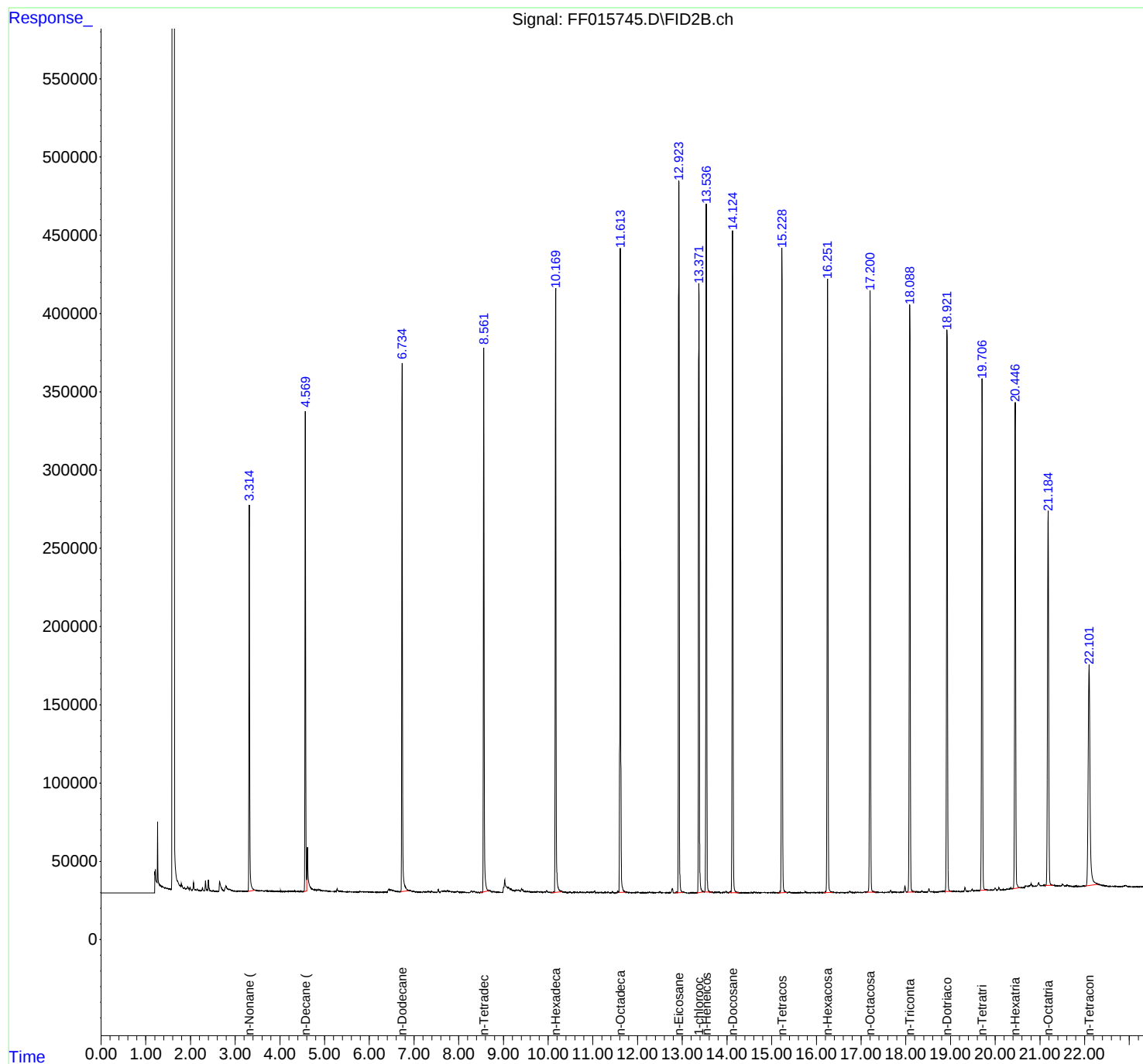
(m)=manual int.

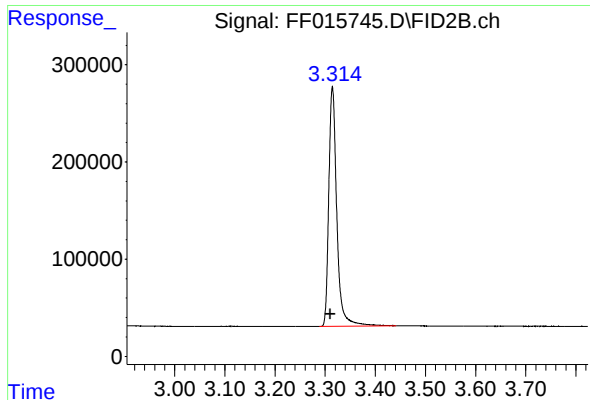
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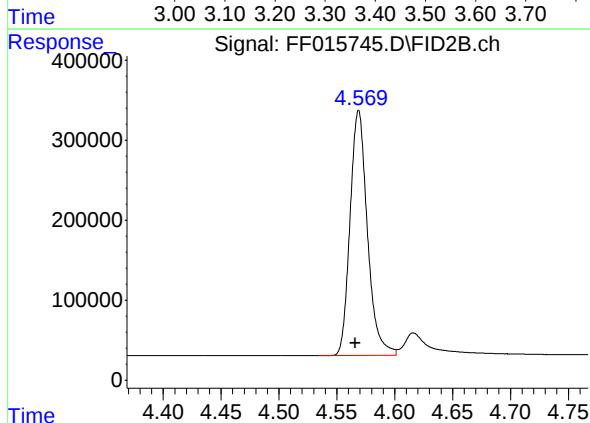




#1 n-Nonane (C9)

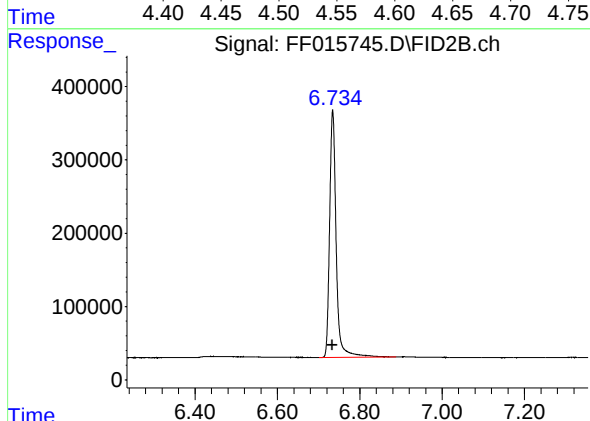
R.T.: 3.315 min
Delta R.T.: 0.005 min
Response: 2736445
Conc: 21.60 ug/ml

Instrument :
FID_F
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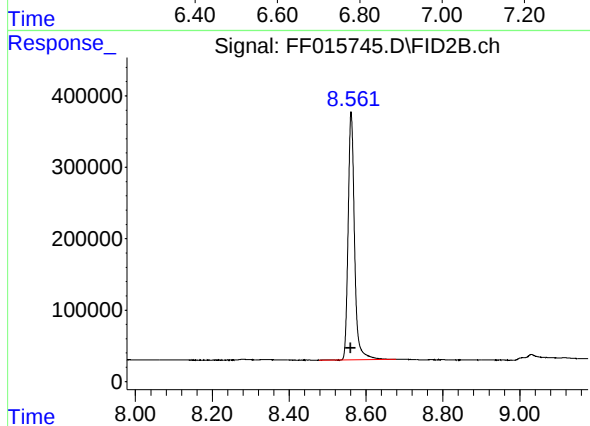
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.003 min
Response: 3203039
Conc: 24.94 ug/ml



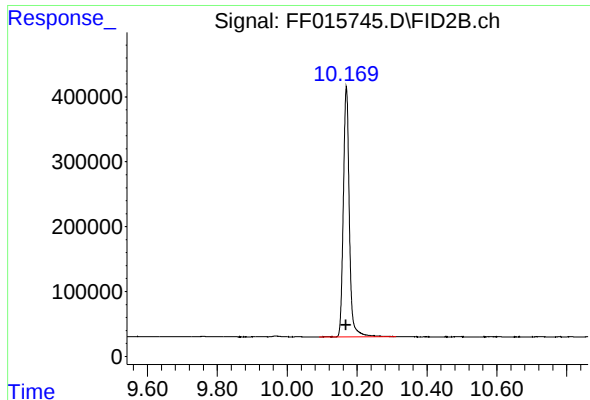
#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: 0.002 min
Response: 3738772
Conc: 28.69 ug/ml



#6 n-Tetradecane (C14)

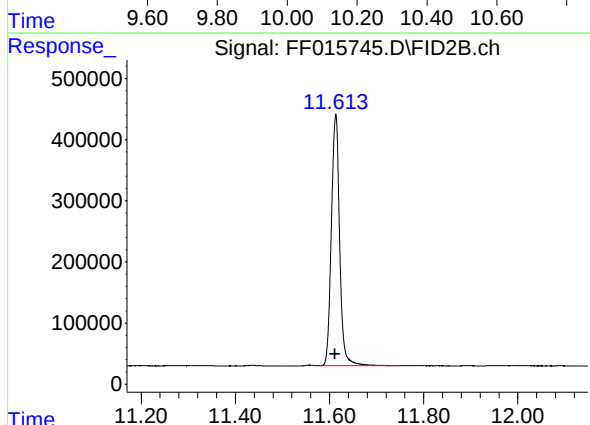
R.T.: 8.562 min
Delta R.T.: 0.001 min
Response: 4012999
Conc: 30.99 ug/ml



#7 n-Hexadecane (C16)

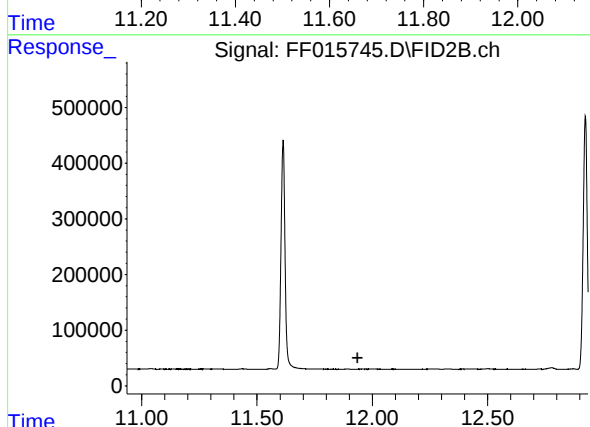
R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 4581882
Conc: 34.26 ug/ml

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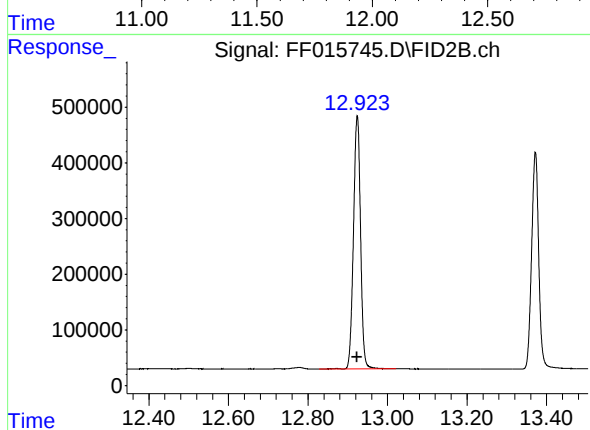
#8 n-Octadecane (C18)

R.T.: 11.613 min
Delta R.T.: 0.001 min
Response: 5012435
Conc: 36.40 ug/ml



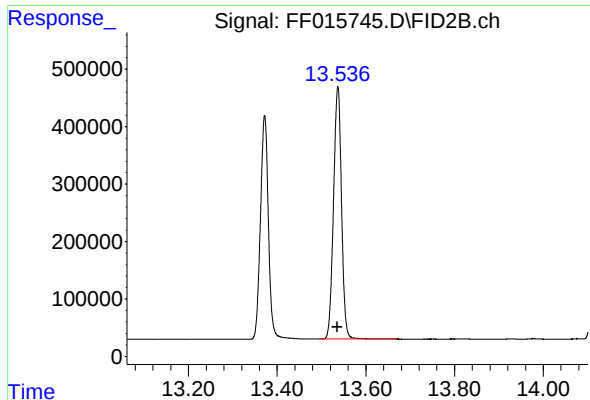
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.936 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

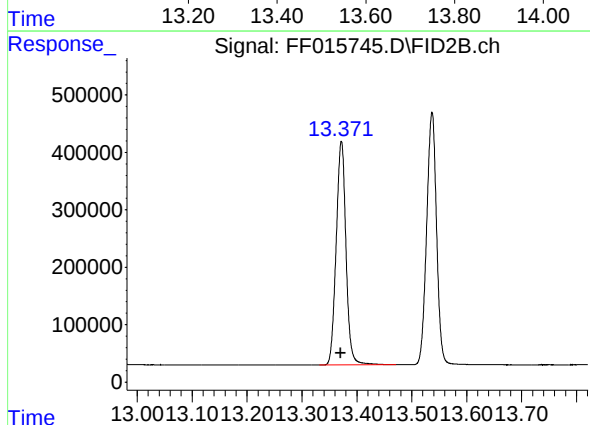
R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 5616014
Conc: 41.67 ug/ml



#11 n-Heneicosane (C21)

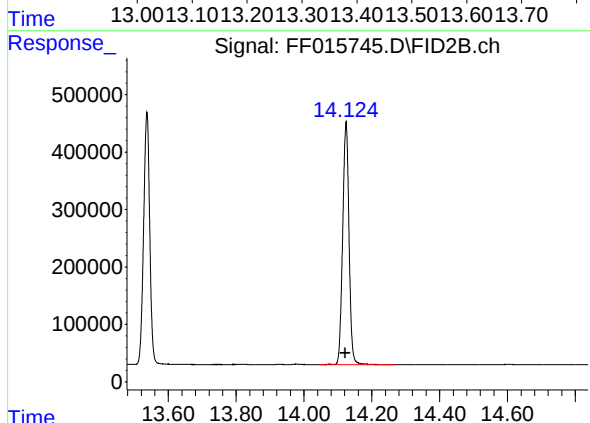
R.T.: 13.537 min
Delta R.T.: 0.000 min
Response: 5477941
Conc: 40.99 ug/ml

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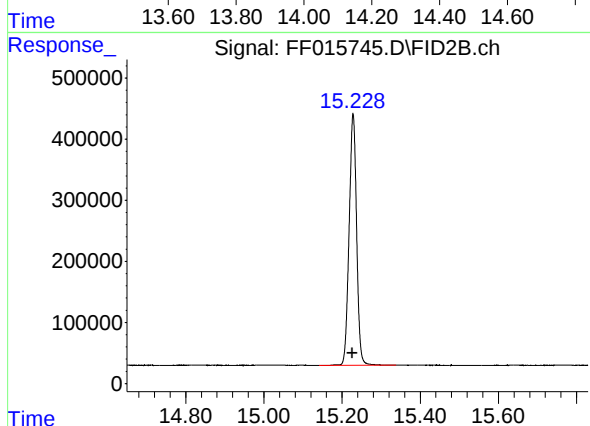
#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: 0.000 min
Response: 4827939
Conc: 42.54 ug/ml



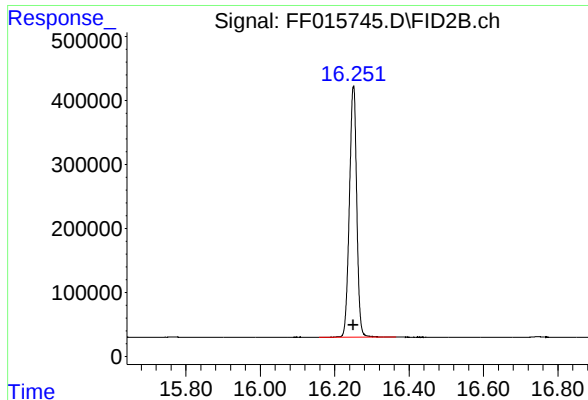
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.001 min
Response: 5486045
Conc: 41.00 ug/ml



#14 n-Tetracosane (C24)

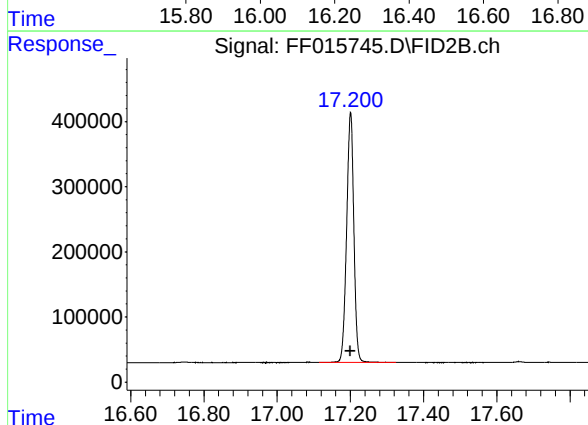
R.T.: 15.228 min
Delta R.T.: 0.001 min
Response: 5477169
Conc: 40.91 ug/ml



#15 n-Hexacosane (C26)

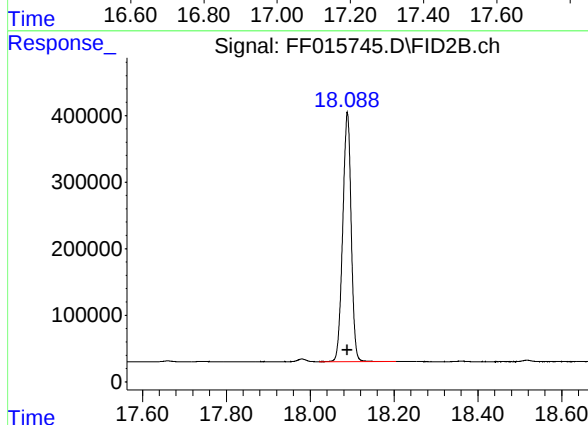
R.T.: 16.250 min
Delta R.T.: 0.000 min
Response: 5370391
Conc: 41.06 ug/ml

Instrument :
FID_F
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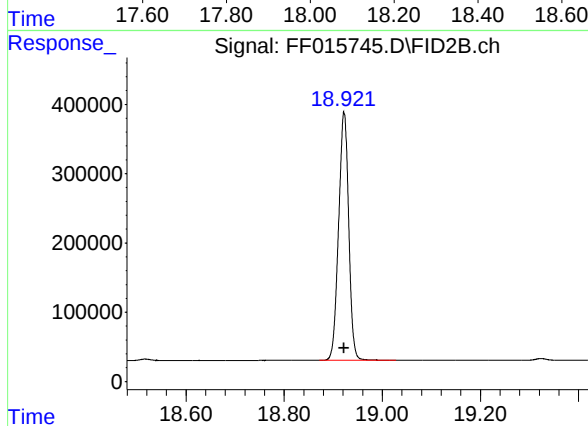
#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: 0.000 min
Response: 5255892
Conc: 40.23 ug/ml



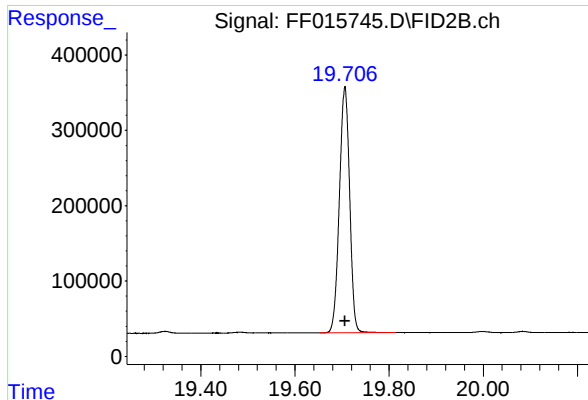
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 5244015
Conc: 38.89 ug/ml



#18 n-Dotriacontane (C32)

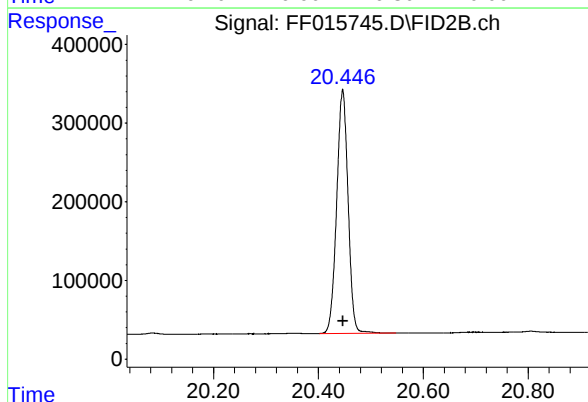
R.T.: 18.922 min
Delta R.T.: 0.000 min
Response: 5111412
Conc: 39.20 ug/ml



#19 n-Tetratriacontane (C34)

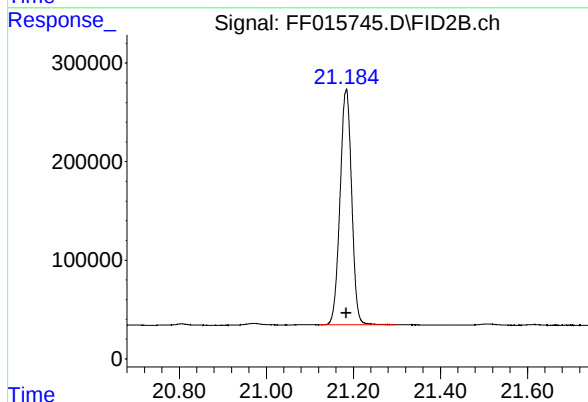
R.T.: 19.706 min
Delta R.T.: 0.000 min
Response: 4942899
Conc: 42.34 ug/ml

Instrument :
FID_F
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PB167362BSD



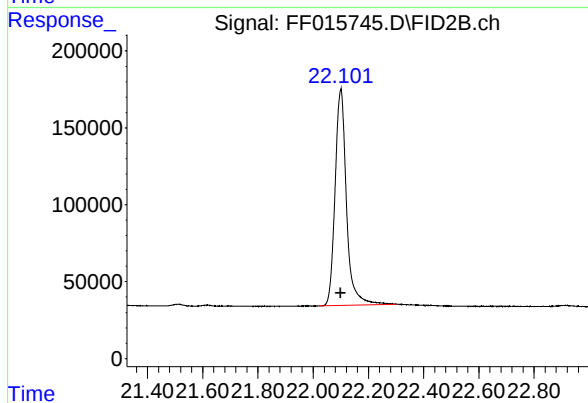
#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.001 min
Response: 4667638
Conc: 47.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: 0.000 min
Response: 4421558
Conc: 50.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: 0.000 min
Response: 4030897
Conc: 50.23 ug/ml