

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032825AL\
 Data File : FF015749.D
 Signal(s) : FID2B.ch
 Acq On : 28 Mar 2025 19:25
 Operator : YP\AJ
 Sample : Q1664-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 P001-BBDGA-001-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e
 Quant Time: Mar 29 01:03:22 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...	13.370	4468306	39.371 ug/mlm
Spiked Amount 50.000		Recovery =	78.74%
Target Compounds			
1) T n-Nonane (C9)	3.315	2906253	22.945 ug/ml
2) T n-Decane (C10)	4.569	3474651	27.058 ug/ml
4) T n-Dodecane (C12)	6.734	4083474	31.335 ug/ml
6) T n-Tetradecane (C14)	8.561	4523394	34.928 ug/ml
7) T n-Hexadecane (C16)	10.169	5122597	38.307 ug/ml
8) T n-Octadecane (C18)	11.612	5417738	39.343 ug/ml
10) T n-Eicosane (C20)	12.923	5672497	42.089 ug/ml
11) T n-Heneicosane (C21)	13.536	5487963	41.063 ug/ml
13) T n-Docosane (C22)	14.123	5443481	40.678 ug/ml
14) T n-Tetracosane (C24)	15.227	5459467	40.781 ug/ml
15) T n-Hexacosane (C26)	16.249	5273412	40.320 ug/ml
16) T n-Octacosane (C28)	17.199	5462106	41.813 ug/ml
17) T n-Tricontane (C30)	18.089	5146418	38.163 ug/ml
18) T n-Dotriacontane (C32)	18.921	4896254	37.547 ug/ml
19) T n-Tetratriacontane (C34)	19.705	4858876	41.624 ug/ml
20) T n-Hexatriacontane (C36)	20.445	4581569	46.153 ug/ml
21) T n-Octatriacontane (C38)	21.183	4423400	50.627 ug/ml
22) T n-Tetracontane (C40)	22.095	4061240	50.605 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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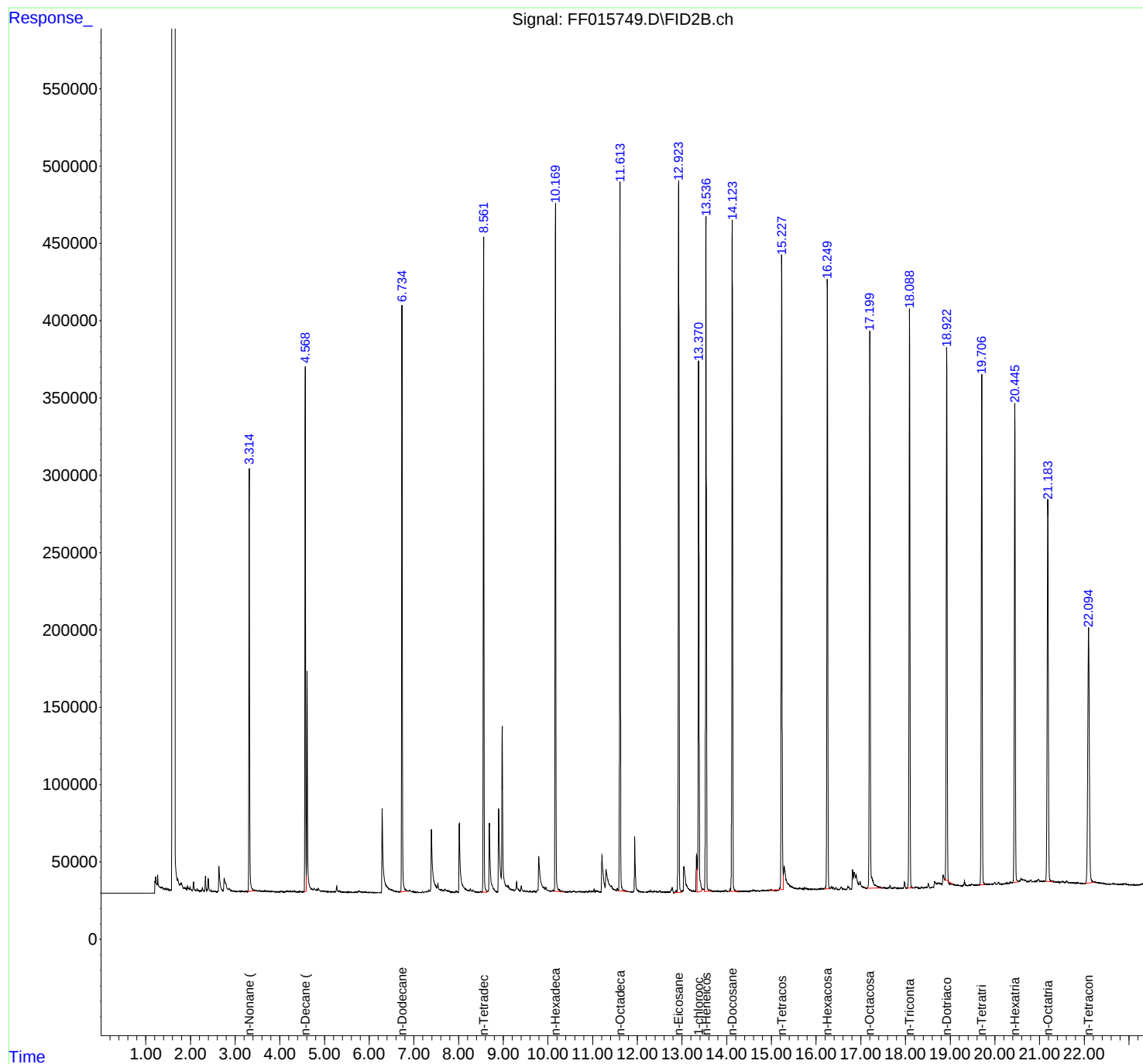
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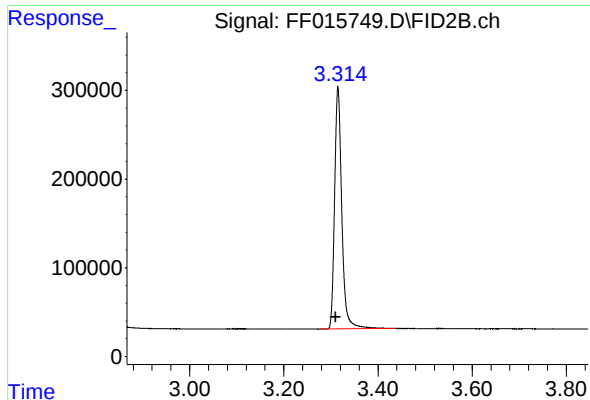
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#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: 0.005 min
Response: 2906253
Conc: 22.94 ug/ml

Instrument :

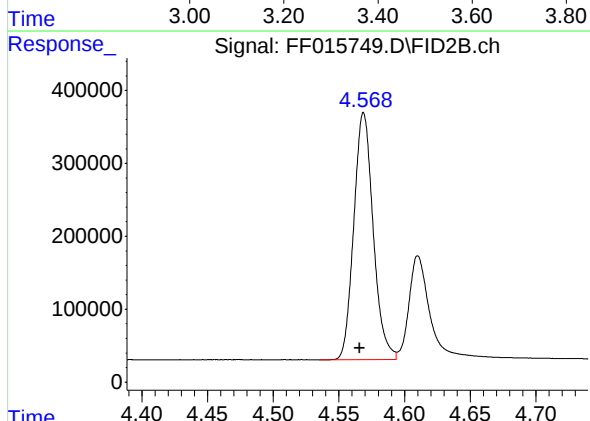
FID_F

ClientSampleId :

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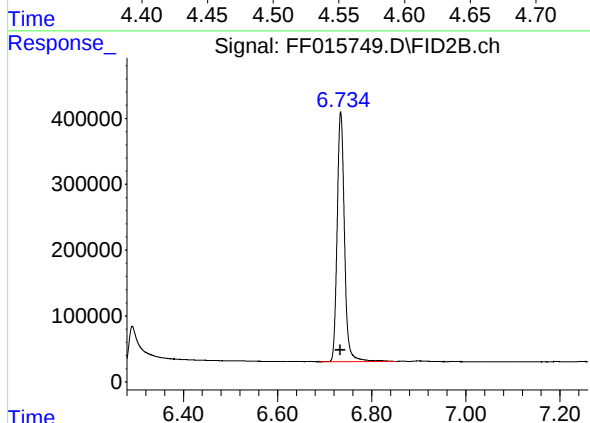
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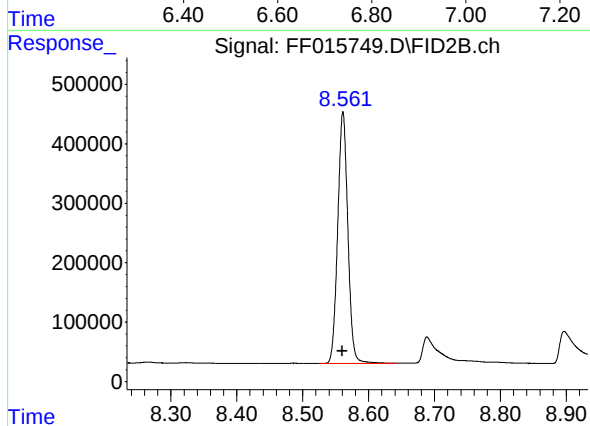
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.003 min
Response: 3474651
Conc: 27.06 ug/ml



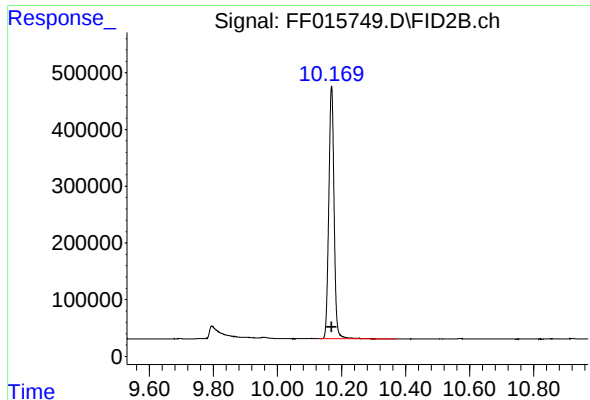
#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: 0.002 min
Response: 4083474
Conc: 31.33 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 4523394
Conc: 34.93 ug/ml



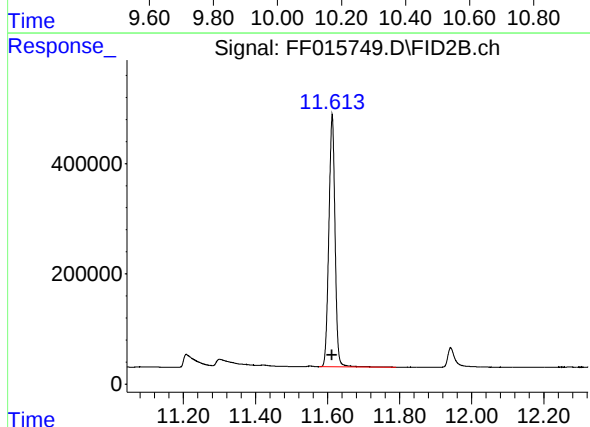
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 5122597
Conc: 38.31 ug/ml

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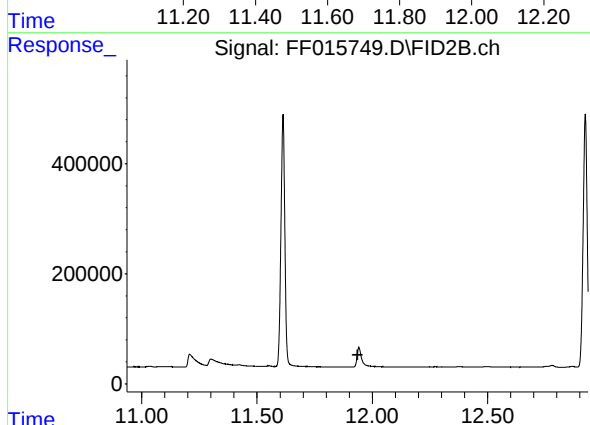
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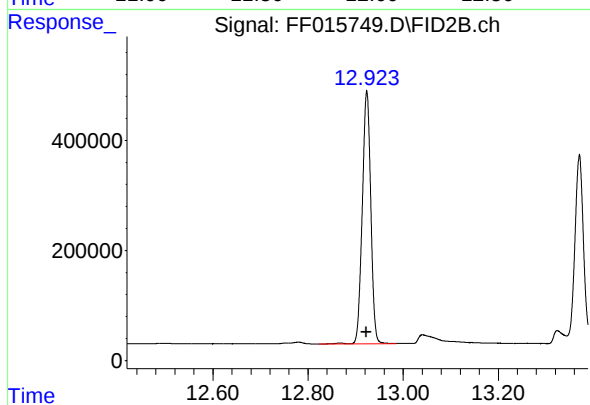
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 5417738
Conc: 39.34 ug/ml



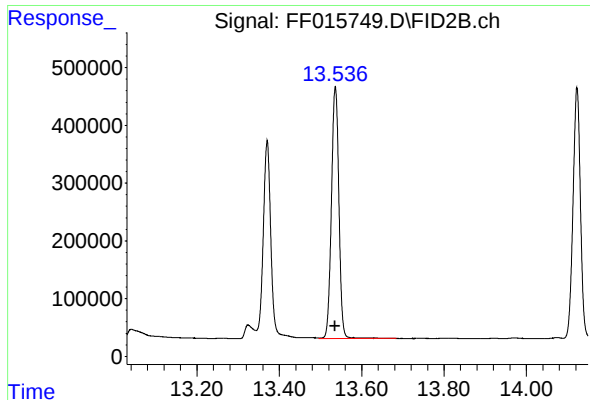
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 5672497
Conc: 42.09 ug/ml



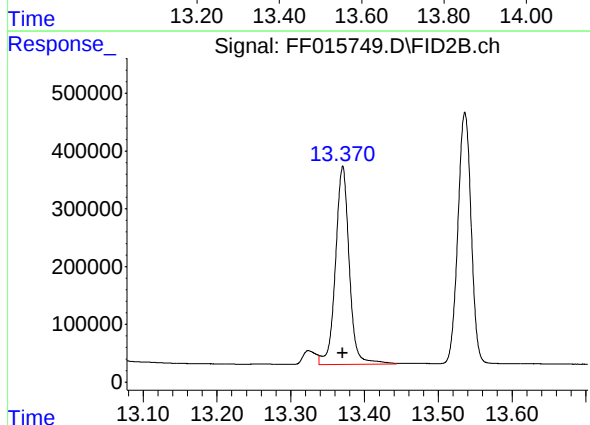
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.000 min
Response: 5487963
Conc: 41.06 ug/ml

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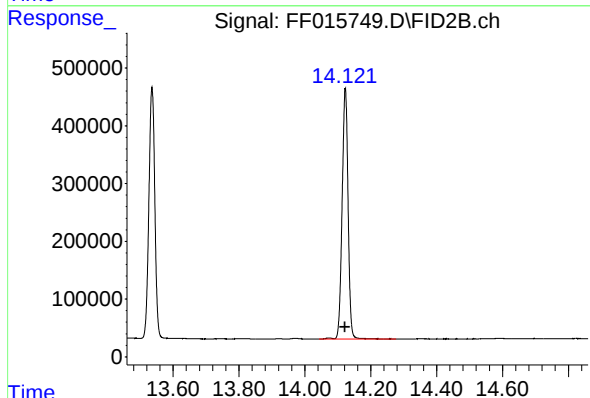
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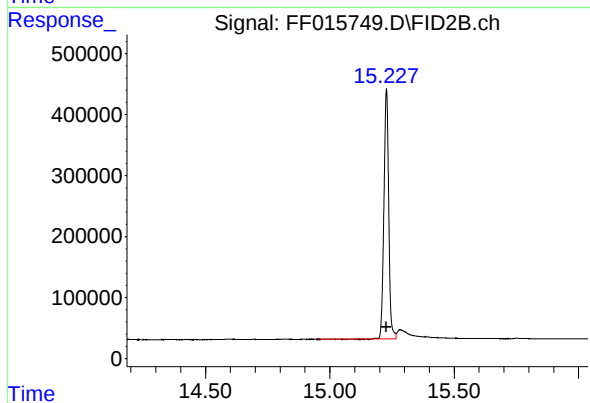
#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: 0.000 min
Response: 4468306
Conc: 39.37 ug/ml m



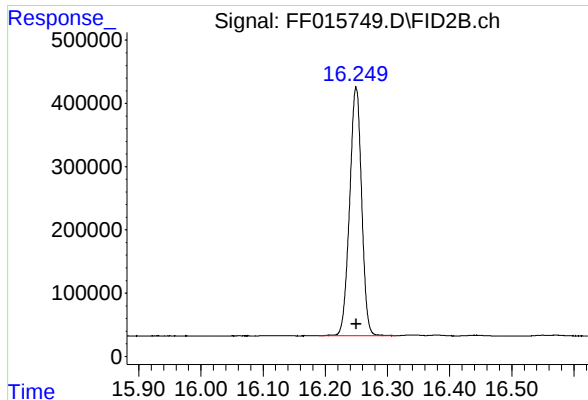
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.000 min
Response: 5443481
Conc: 40.68 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: 0.000 min
Response: 5459467
Conc: 40.78 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.000 min
Response: 5273412
Conc: 40.32 ug/ml

Instrument :

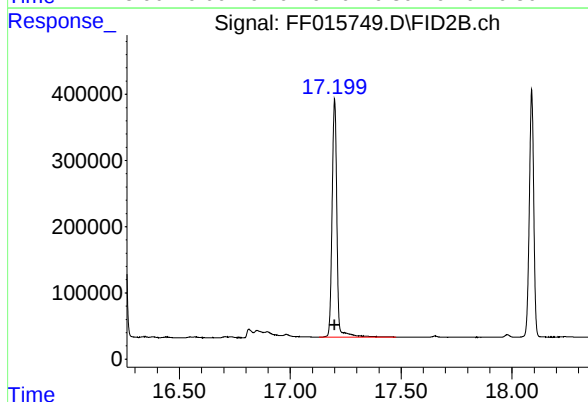
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ClientSampleId :

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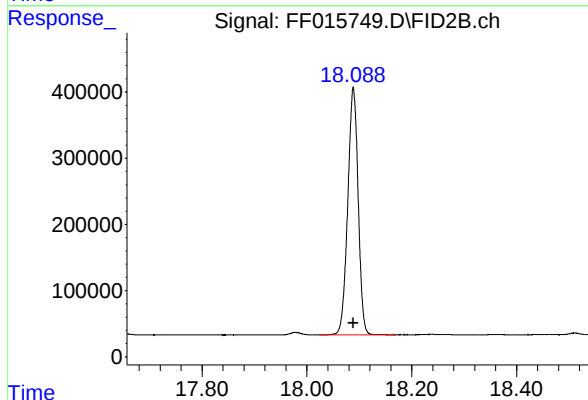
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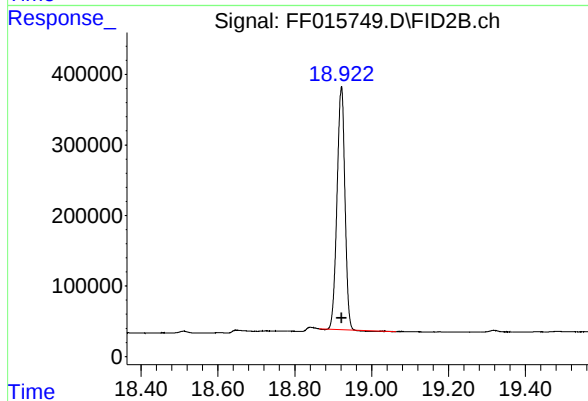
#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: 0.000 min
Response: 5462106
Conc: 41.81 ug/ml



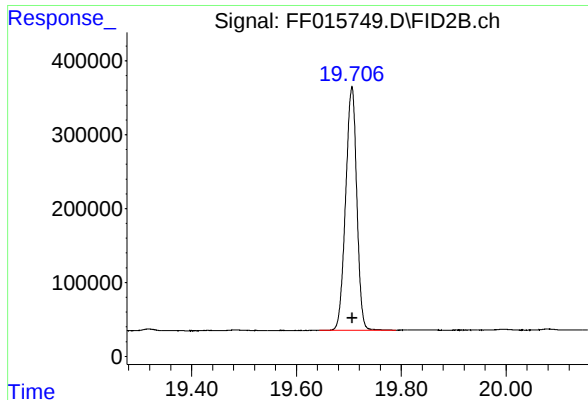
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: 0.000 min
Response: 5146418
Conc: 38.16 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.002 min
Response: 4896254
Conc: 37.55 ug/ml



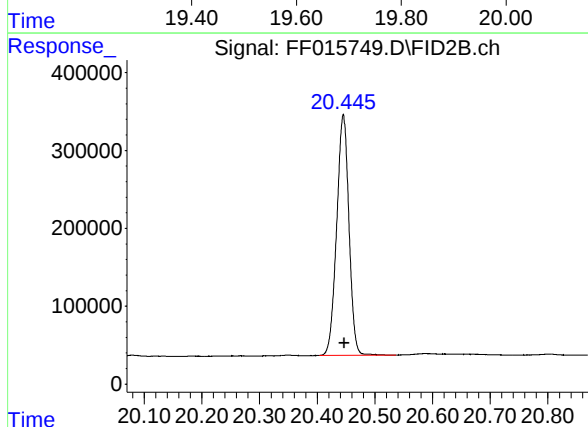
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.002 min
Response: 4858876
Conc: 41.62 ug/ml

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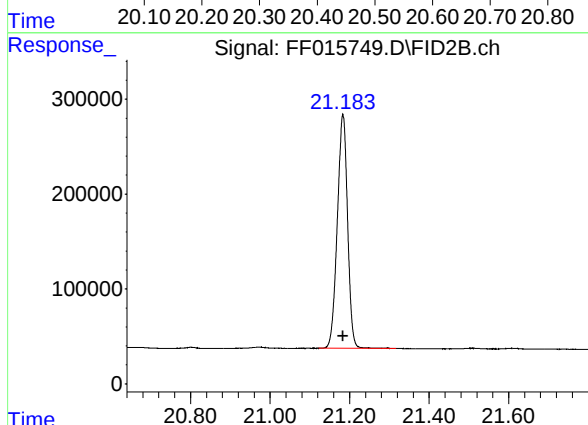
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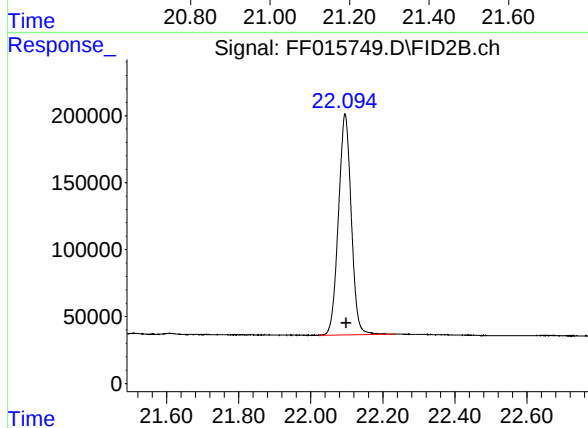
#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.002 min
Response: 4581569
Conc: 46.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: 0.000 min
Response: 4423400
Conc: 50.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.004 min
Response: 4061240
Conc: 50.60 ug/ml