

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013125AL\
 Data File : FF015398.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 17:12
 Operator : YP\AJ
 Sample : Q1220-01MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 TR-06-01292025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File: autoint1.e
 Quant Time: Jan 31 03:41:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 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			
9) S ortho-Terphenyl (SURR)	11.934	5031394	31.646 ug/mlm
Spiked Amount 50.000		Recovery =	63.29%
12) S 1-chlorooctadecane (S...	13.371	4240410	34.014 ug/mlm
Spiked Amount 50.000		Recovery =	68.03%
Target Compounds			
1) T n-Nonane (C9)	3.320	4293378	32.706 ug/ml
2) T n-Decane (C10)	4.574	5148136	38.488 ug/ml
3) T A~Naphthalene (C11.7)	6.274	6667114	45.841 ug/ml
4) T n-Dodecane (C12)	6.738	8417709	62.424 ug/ml
5) T A~2-methylnaphthalene...	7.370	7627347	54.205 ug/ml
6) T n-Tetradecane (C14)	8.567	10104373	74.786 ug/mlm
7) T n-Hexadecane (C16)	10.175	10569528	74.593 ug/mlm
8) T n-Octadecane (C18)	11.618	9985912	68.188 ug/mlm
10) T n-Eicosane (C20)	12.930	9029548	62.627 ug/ml
11) T n-Heneicosane (C21)	13.541	7647617	53.575 ug/ml
13) T n-Docosane (C22)	14.128	6739155	47.016 ug/ml
14) T n-Tetracosane (C24)	15.215	10671978	73.568 ug/mlm
15) T n-Hexacosane (C26)	16.257	5282837	37.174 ug/mlm
16) T n-Octacosane (C28)	17.207	5132273	36.883 ug/ml
17) T n-Tricontane (C30)	18.097	5075128	36.440 ug/ml
18) T n-Dotriacontane (C32)	18.929	4951475	37.962 ug/mlm
19) T n-Tetratriacontane (C34)	19.717	5017464	46.155 ug/mlm
20) T n-Hexatriacontane (C36)	20.459	4406650	50.102 ug/mlm
21) T n-Octatriacontane (C38)	21.201	4422010	53.658 ug/ml
22) T n-Tetracontane (C40)	22.123	4600456	57.984 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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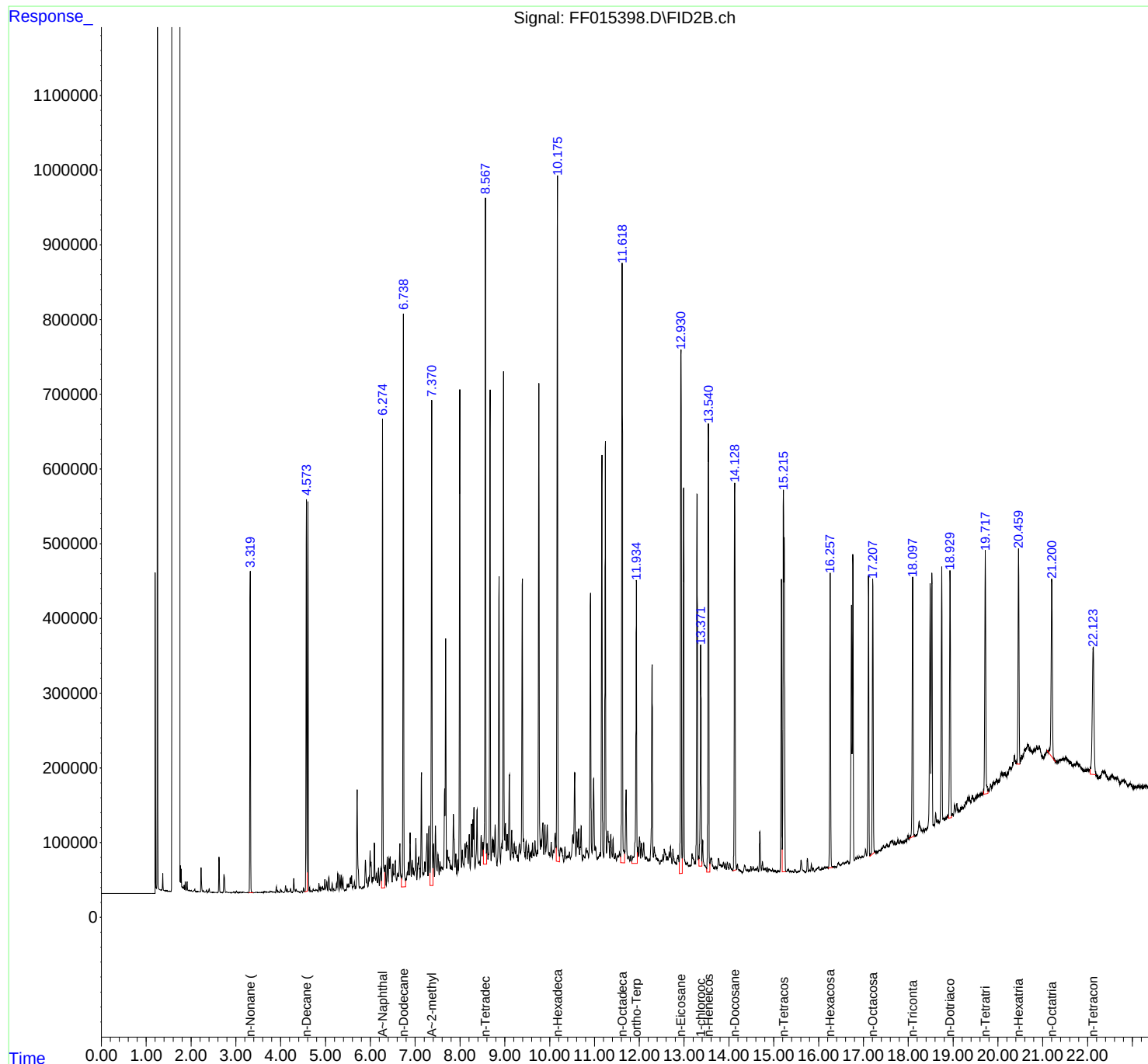
Instrument :
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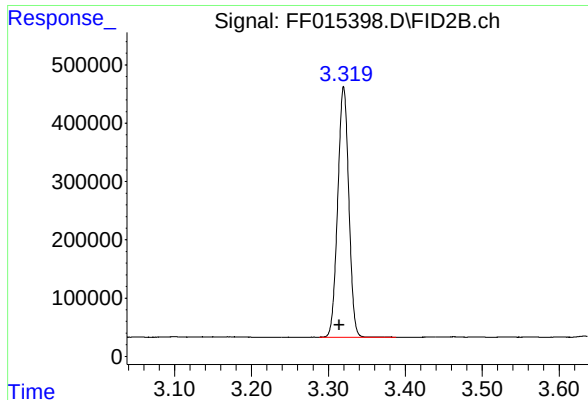
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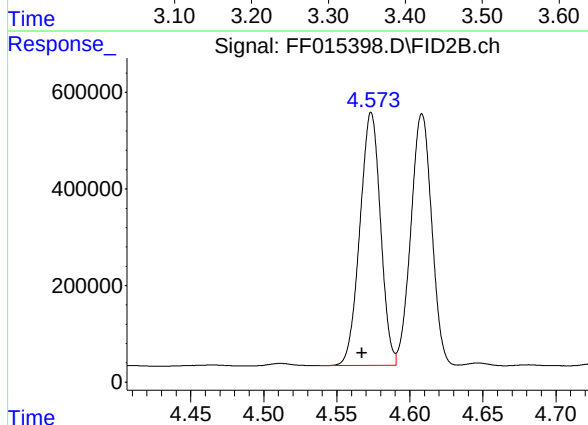
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.006 min
Response: 4293378
Conc: 32.71 ug/ml

Instrument : FID_F
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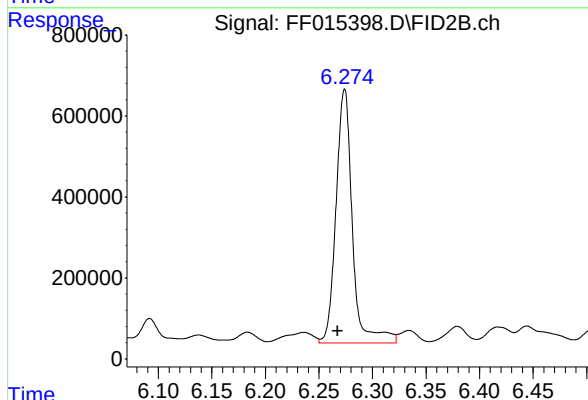
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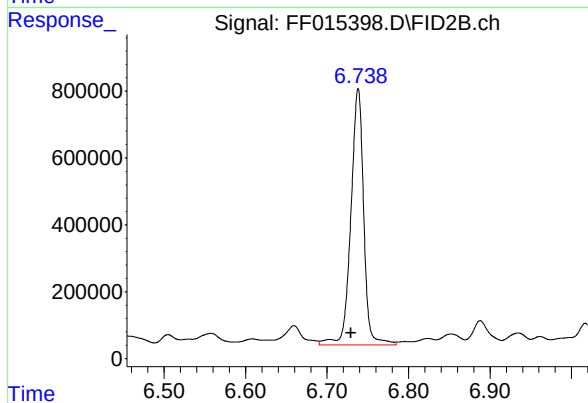
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.006 min
Response: 5148136
Conc: 38.49 ug/ml



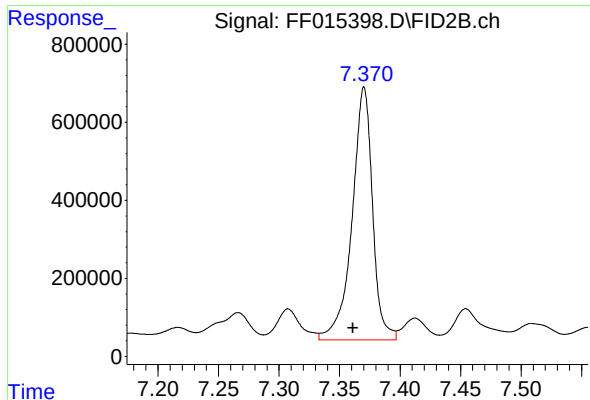
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.006 min
Response: 6667114
Conc: 45.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: 0.008 min
Response: 8417709
Conc: 62.42 ug/ml



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

R.T.: 7.370 min
Delta R.T.: 0.009 min
Response: 7627347
Conc: 54.21 ug/ml

Instrument :

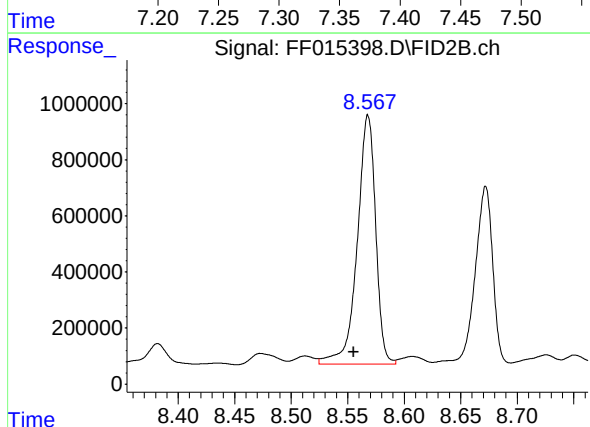
FID_F

ClientSampleId :

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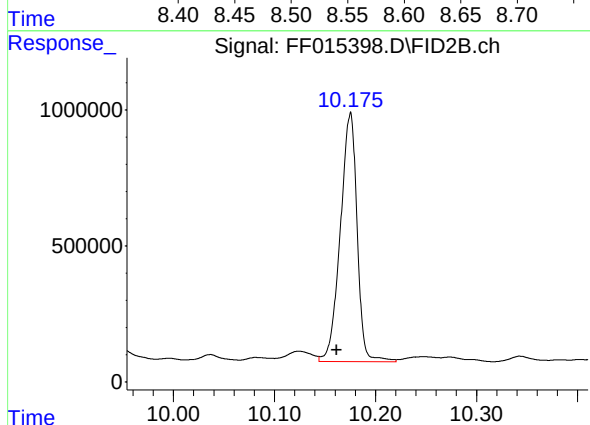
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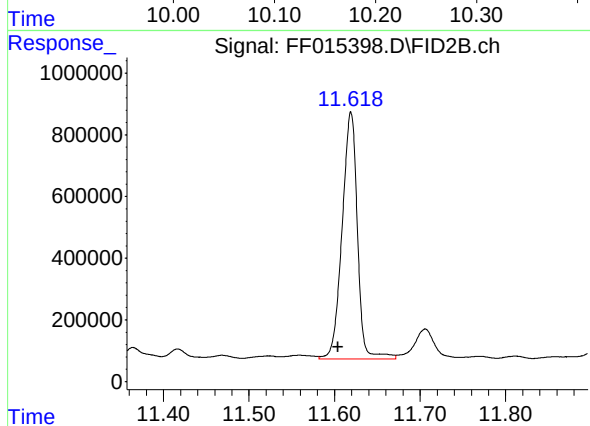
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.012 min
Response: 10104373
Conc: 74.79 ug/ml m



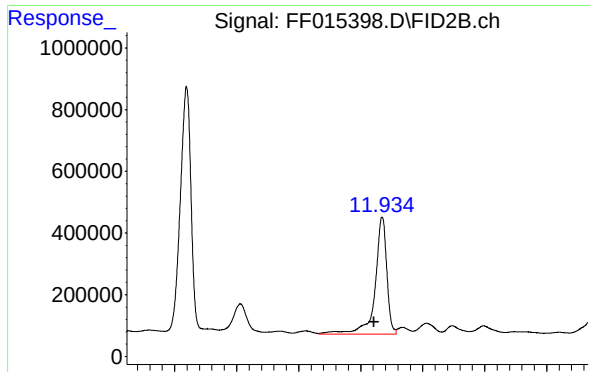
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.014 min
Response: 10569528
Conc: 74.59 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.014 min
Response: 9985912
Conc: 68.19 ug/ml m



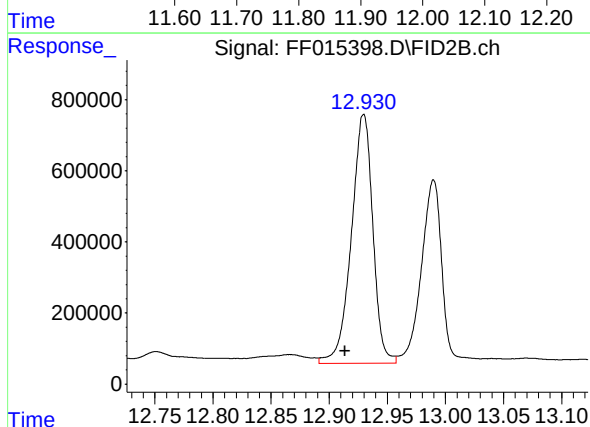
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.013 min
Response: 5031394
Conc: 31.65 ug/ml

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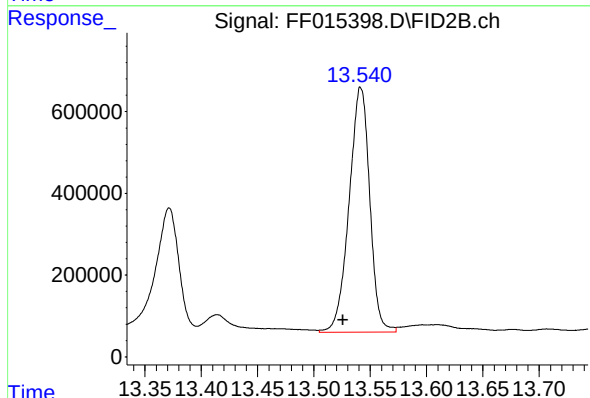
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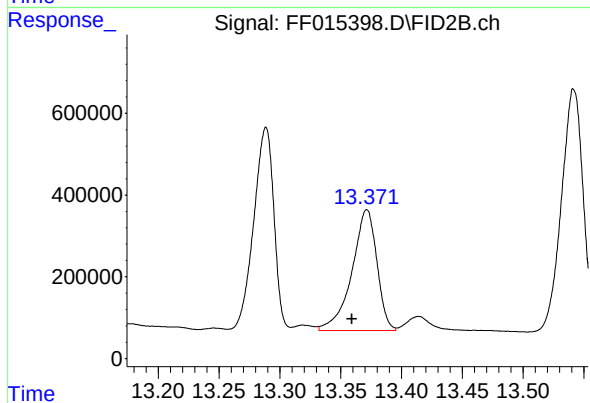
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.016 min
Response: 9029548
Conc: 62.63 ug/ml



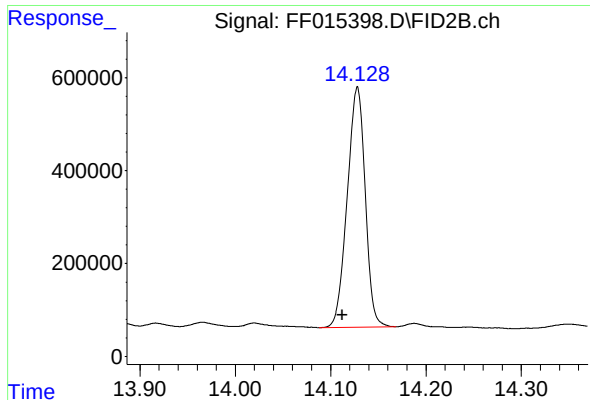
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: 0.016 min
Response: 7647617
Conc: 53.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.012 min
Response: 4240410
Conc: 34.01 ug/ml m



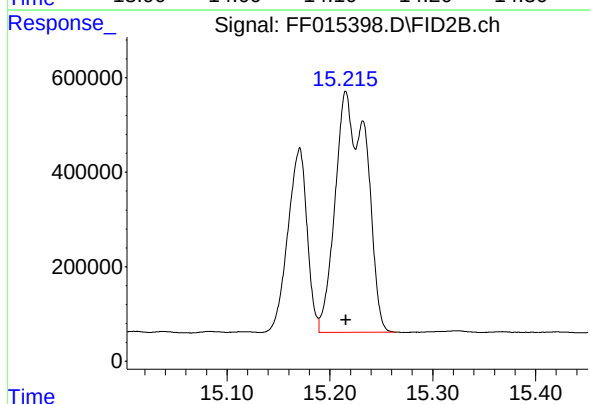
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: 0.016 min
Response: 6739155
Conc: 47.02 ug/ml

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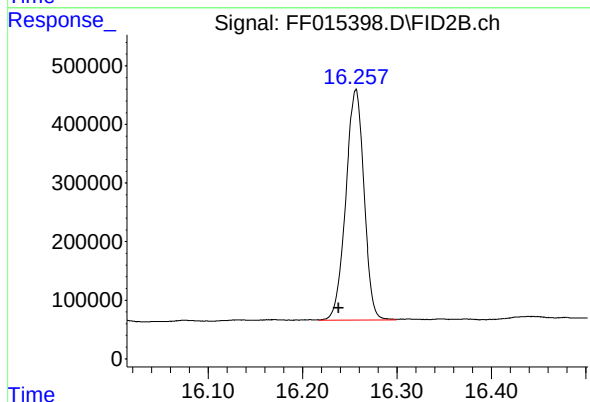
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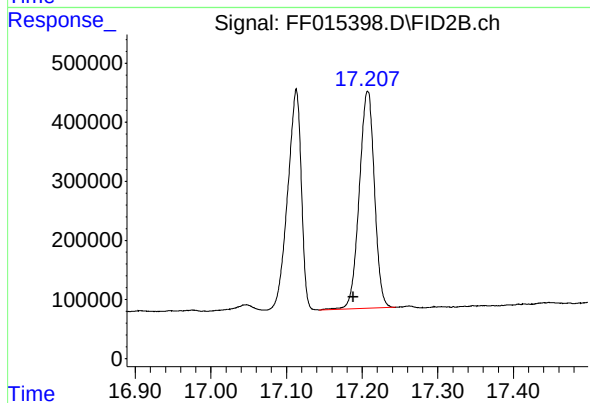
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: 0.000 min
Response: 10671978
Conc: 73.57 ug/ml m



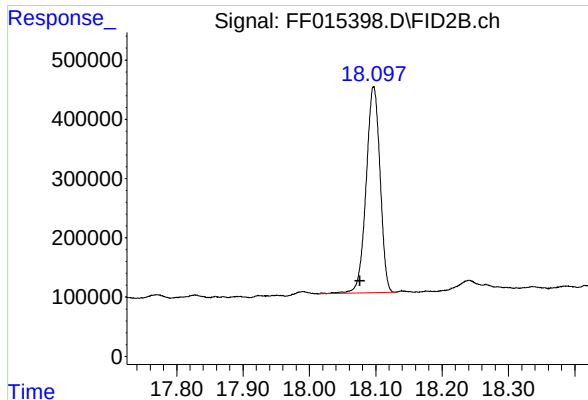
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: 0.018 min
Response: 5282837
Conc: 37.17 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: 0.019 min
Response: 5132273
Conc: 36.88 ug/ml



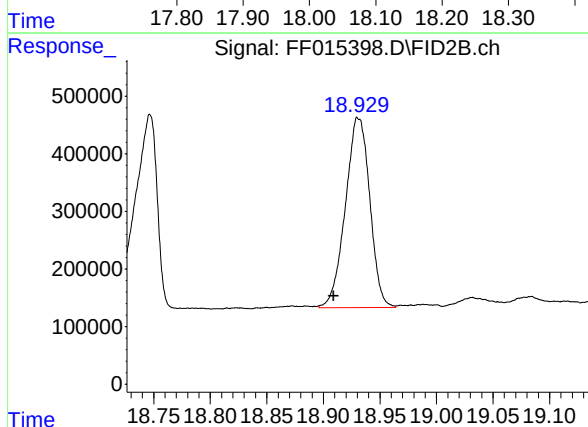
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: 0.020 min
Response: 5075128
Conc: 36.44 ug/ml

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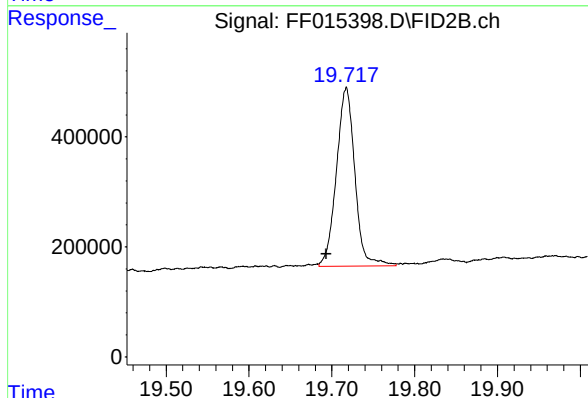
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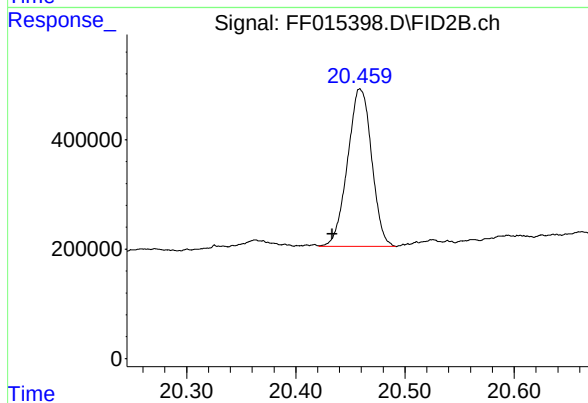
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: 0.020 min
Response: 4951475
Conc: 37.96 ug/ml m



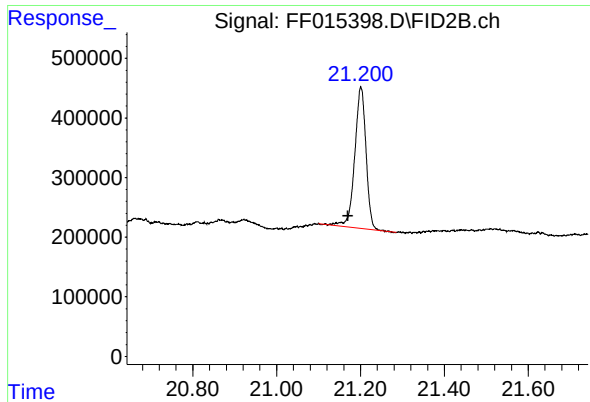
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.024 min
Response: 5017464
Conc: 46.15 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: 0.025 min
Response: 4406650
Conc: 50.10 ug/ml m



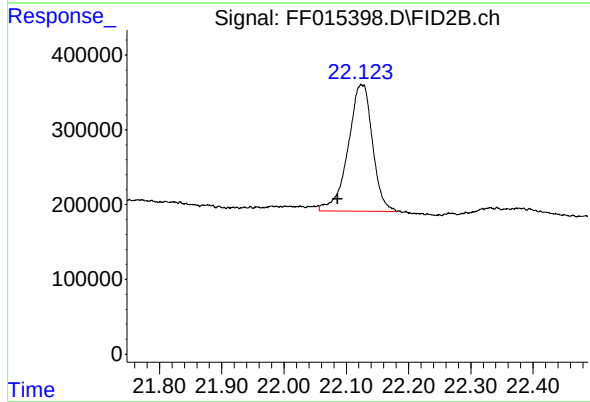
#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: 0.031 min
Response: 4422010
Conc: 53.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.037 min
Response: 4600456
Conc: 57.98 ug/ml m